-------------------------------------------------------------------

Compiling LIS

[INFO] Compiling LIS source code

Generating Filepath

rm -f \*.o \*.mod LIS \*.d Filepath

./plugins.py

vim -N -u NONE -i NONE -e -s -c '$s;$; ../offline;|wq' Filepath

Generating dependencies for ../core/xmrg\_reverse\_byte.c

Generating dependencies for ../interp/zterp.F90

Generating dependencies for ../core/xmrg\_read\_data\_c.c

Generating dependencies for ../core/xmrg\_read\_header\_c.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/write\_vegvar.c

Generating dependencies for ../optUE/type/paramestim/obs/template/write\_templateObs.F90

Generating dependencies for ../optUE/type/paramestim/obs/wgPBMRsm/write\_wgPBMRsmdata.F90

Generating dependencies for ../dataassim/obs/syntheticSnowTb/write\_syntheticSnowTbObs.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/write\_prcp.c

Generating dependencies for ../dataassim/obs/syntheticwl/write\_syntheticwlobs.F90

Generating dependencies for ../dataassim/obs/syntheticsm/write\_syntheticsmobs.F90

Generating dependencies for ../dataassim/obs/syntheticsnd/write\_syntheticsndobs.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/write\_layer.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/write\_lakecon.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/write\_forcing\_file.c

Generating dependencies for ../dataassim/obs/pildas/write\_pildassmobs.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/write\_data.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/write\_header.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/write\_bin\_atmosdata.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/write\_atmosdata.c

Generating dependencies for ../optUE/type/paramestim/obs/USDA\_ARSsm/write\_USDA\_ARSsm\_obs\_data.F90

Generating dependencies for ../dataassim/obs/USAFSI/write\_USAFSIobs.F90

Generating dependencies for ../dataassim/obs/SSMI\_SNWD/write\_SSMISNWDsnow.F90

Generating dependencies for ../dataassim/obs/SNODEP/write\_SNODEPobs.F90

Generating dependencies for ../optUE/type/paramestim/obs/UAsnow/write\_UAsnowobs.F90

Generating dependencies for ../dataassim/obs/SMOS\_NESDIS/write\_SMOSNESDISsmobs.F90

Generating dependencies for ../dataassim/obs/SMOPS\_ASCATsm/write\_SMOPS\_ASCATsmobs.F90

Generating dependencies for ../dataassim/obs/SMMR\_SNWD/write\_SMMRSNWDsnow.F90

Generating dependencies for ../optUE/type/paramestim/obs/SMAPsm/write\_SMAPsmobs.F90

Generating dependencies for ../dataassim/obs/SMAP\_NRTsm/write\_SMAPNRTsmobs.F90

Generating dependencies for ../dataassim/obs/PMW\_snow/write\_PMW\_snowobs.F90

Generating dependencies for ../dataassim/obs/NASA\_SMAPvod/write\_NASASMAPvodobs.F90

Generating dependencies for ../dataassim/obs/NASA\_SMAPsm/write\_NASASMAPsmobs.F90

Generating dependencies for ../optUE/type/paramestim/obs/Macon\_LS\_data/write\_MaconLSObsdata.F90

Generating dependencies for ../dataassim/obs/LPRM\_AMSREsm/write\_LPRM\_AMSREsmobs.F90

Generating dependencies for ../optUE/type/paramestim/obs/LPRM\_AMSREsm/write\_LPRM\_AMSREsm\_obs\_data.F90

Generating dependencies for ../dataassim/obs/MODIS\_SPORT\_LAI/write\_MODISsportLAI.F90

Generating dependencies for ../optUE/type/paramestim/obs/ISMNsm/write\_ISMNsmobs.F90

Generating dependencies for ../optUE/type/paramestim/obs/Global\_LS\_data/write\_GlobalLSObsdata.F90

Generating dependencies for ../dataassim/obs/GLASS\_LAI/write\_GLASSlai.F90

Generating dependencies for ../dataassim/obs/GRACE/write\_GRACEobs.F90

Generating dependencies for ../dataassim/obs/GLASS\_Albedo/write\_GLASSalbedo.F90

Generating dependencies for ../dataassim/obs/GCOMW\_AMSR2L3SND/write\_GCOMW\_AMSR2L3SNDobs.F90

Generating dependencies for ../optUE/type/paramestim/obs/CNRS/write\_CNRS\_em\_obs\_data.F90

Generating dependencies for ../optUE/type/paramestim/obs/FLUXNET/write\_FLUXNETdata.F90

Generating dependencies for ../dataassim/obs/ESACCI\_sm/write\_ESACCIsmobs.F90

Generating dependencies for ../optUE/type/paramestim/obs/Ameriflux/write\_AmerifluxObs.F90

Generating dependencies for ../optUE/type/paramestim/obs/ARM/write\_ARMdata.F90

Generating dependencies for ../dataassim/obs/ASO\_SWE/write\_ASO\_SWEobs.F90

Generating dependencies for ../optUE/type/paramestim/obs/ARSsm/write\_ARSsmobs.F90

Generating dependencies for ../dataassim/obs/ANSA\_SNWD/write\_ANSASNWDsnow.F90

Generating dependencies for ../dataassim/obs/ANSA\_SCF/write\_ANSASCFsnow.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/wrf\_debug.F90

Generating dependencies for ../optUE/type/paramestim/obs/AMSRE\_SR/write\_AMSRE\_SR\_em\_obs\_data.F90

Generating dependencies for ../optUE/type/paramestim/obs/wgPBMRsm/wgPBMRsmobs\_module.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/water\_energy\_balance.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/water\_under\_ice.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/vicerror.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_write\_state.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_write\_atmos.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_readrst.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_setup.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_run.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_module.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_read\_vegparam.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_readcard.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_intialize.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_main.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_writerst.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/routing/vic412\_getrunoff.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_lsmMod.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/routing/vic412\_getrunoffs\_mm.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_finalize.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_dynsetup.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_diag.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_count\_model\_state.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/routing/vic412\_getrunoffs.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_compute\_treeline.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_add\_atmosdata.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/vic412\_f2t.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_vegvar.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_writerst.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_vegparam.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_write\_state.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_soilparam.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_snow\_data.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_write\_prcp.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_model\_state.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_layer.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_write\_lakecon.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_header.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_forcing\_file.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_debug.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_data.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_write\_bin\_atmosdata.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_atmosdata.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_write\_atmos.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_water\_under\_ice.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_water\_energy\_balance.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_vicerror.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_vicNl.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_svp.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_surface\_fluxes.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_store\_moisture\_for\_debug.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_solve\_snow.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_soil\_thermal\_eqn.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_soil\_conduction.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_snow\_utility.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_snow\_melt.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_snow\_intercept.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_set\_vegparam.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_set\_output\_defaults.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_runoff.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_setup.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_run.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_redistribute\_during\_storm.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_readrst.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_veglib.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_read\_vegparam.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_readcard.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_root\_brent.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_soilparam\_arc.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_soilparam.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_snowband.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_lakeparam.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_forcing\_data.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_initial\_model\_state.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_atmos\_data.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_arcinfo\_ascii.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_put\_data.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_prepare\_full\_energy.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_penman.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_parse\_output\_info.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_open\_state\_file.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_output\_list\_utils.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_open\_file.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_open\_debug.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_nrerror.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_newt\_raph\_func\_fast.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_mtclim42\_wrapper.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_module.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_modify\_Ksat.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_massrelease.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_mtclim42\_vic.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_make\_veg\_var.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_make\_snow\_data.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_make\_in\_and\_outfiles.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_make\_energy\_bal.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_make\_dmy.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_make\_dist\_prcp.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_make\_cell\_data.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_lis\_scan\_soilparam\_flat\_ascii.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_lis\_read\_soilparam\_arc.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_latent\_heat\_from\_snow.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_lakes.eb.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_lsmMod.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_initialize\_veg.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_initialize\_soil.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_main.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_initialize\_snow.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_initialize\_new\_storm.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_initialize\_model\_state.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_initialize\_lake.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_initialize\_global.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_initialize\_atmos.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_get\_max\_snow\_temp.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_ice\_melt.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_get\_global\_param.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_get\_force\_type.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_get\_dist.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_func\_surf\_energy\_bal.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_func\_canopy\_energy\_bal.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_func\_atmos\_moist\_bal.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_func\_atmos\_energy\_bal.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_full\_energy.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_fsvp.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_frozen\_soil.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_free\_vegcon.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_free\_dist\_prcp.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_find\_min\_tfactor.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_estimate\_T1.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_dynsetup.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_finalize.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_dist\_prec.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_display\_current\_settings.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_diag.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_correct\_precip.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_compute\_treeline\_lis.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_f2t.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_compute\_treeline.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_compute\_pot\_evap.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_compute\_dz.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_compress\_files.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_cmd\_proc.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_close\_files.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_check\_state\_file.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_check\_files.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_canopy\_evap.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_water\_energy\_balance\_errors.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_veg\_params.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_surf\_energy\_bal.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_snow\_coverage.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_root\_fraction.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_rainonly.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_longwave.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_forcing\_stats.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_cloud\_cover\_fraction.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_atmos\_energy\_bal.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_air\_temperature.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_arno\_evap.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_alloc\_atmos.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_advected\_sensible\_heat.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/vic411\_add\_atmosdata.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_StabilityCorrection.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_SnowPackEnergyBalance.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_IceEnergyBalance.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_CalcBlowingSnow.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/physics/vic411\_CalcAerodynamic.c

Generating dependencies for ../interp/upscaleByWeightedAveraging\_input.F90

Generating dependencies for ../interp/upscaleByWeightedAveraging.F90

Generating dependencies for ../interp/upscaleByAveraging\_input.F90

Generating dependencies for ../interp/upscaleByAveraging.F90

Generating dependencies for ../optUE/type/paramestim/objfunc/LM/updateLMestimate.F90

Generating dependencies for ../optUE/type/paramestim/objfunc/P/updatePestimate.F90

Generating dependencies for ../optUE/type/paramestim/objfunc/LL/updateLLestimate.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/unpack\_model\_state.c

Generating dependencies for ../surfacemodels/land/mosaic/umd\_sibalb.F90

Generating dependencies for ../dataassim/perturb/uniform/uniformPert\_Mod.F90

Generating dependencies for ../metforcing/snotel/timeinterp\_snotel.F90

Generating dependencies for ../metforcing/stg4/timeinterp\_stg4.F90

Generating dependencies for ../metforcing/stg2/timeinterp\_stg2.F90

Generating dependencies for ../metforcing/scan/timeinterp\_scan.F90

Generating dependencies for ../metforcing/pptEnsFcst/timeinterp\_pptEnsFcst.F90

Generating dependencies for ../metforcing/princeton/timeinterp\_princeton.F90

Generating dependencies for ../metforcing/pet\_usgs/timeinterp\_petusgs.F90

Generating dependencies for ../metforcing/nam242/timeinterp\_nam242.F90

Generating dependencies for ../metforcing/nldas2/timeinterp\_nldas2.F90

Generating dependencies for ../metforcing/narr/timeinterp\_narr.F90

Generating dependencies for ../metforcing/templateMetForc/timeinterp\_metForctemplate.F90

Generating dependencies for ../metforcing/mrms/timeinterp\_mrms\_grib.F90

Generating dependencies for ../metforcing/genMetForc/timeinterp\_metForcGenerated.F90

Generating dependencies for ../metforcing/imerg/timeinterp\_imerg.F90

Generating dependencies for ../metforcing/merra2/timeinterp\_merra2.F90

Generating dependencies for ../metforcing/gswp1/timeinterp\_gswp1.F90

Generating dependencies for ../metforcing/gldas/timeinterp\_gldas.F90

Generating dependencies for ../metforcing/gswp2/timeinterp\_gswp2.F90

Generating dependencies for ../metforcing/geos5fcst/timeinterp\_geos5fcst.F90

Generating dependencies for ../optUE/type/paramestim/objfunc/LS/updateLSestimate.F90

Generating dependencies for ../metforcing/gfs/timeinterp\_gfs.F90

Generating dependencies for ../metforcing/genEnsFcst/timeinterp\_genEnsFcst.F90

Generating dependencies for ../metforcing/gdas/timeinterp\_gdas.F90

Generating dependencies for ../metforcing/gefs/timeinterp\_gefs.F90

Generating dependencies for ../metforcing/ecmwf/timeinterp\_ecmwf.F90

Generating dependencies for ../metforcing/gdasT1534/timeinterp\_gdasT1534.F90

Generating dependencies for ../metforcing/era5/timeinterp\_era5.F90

Generating dependencies for ../metforcing/chirps2/timeinterp\_chirps2.F90

Generating dependencies for ../metforcing/cmap/timeinterp\_cmap.F90

Generating dependencies for ../metforcing/cmorph/timeinterp\_cmorph.F90

Generating dependencies for ../metforcing/3B42V7/timeinterp\_TRMM3B42V7.F90

Generating dependencies for ../metforcing/WRFout/timeinterp\_WRFout.F90

Generating dependencies for ../metforcing/agrradps/timeinterp\_agrradps.F90

Generating dependencies for ../metforcing/climatology/timeinterp\_climatology.F90

Generating dependencies for ../metforcing/3B42RTV7/timeinterp\_TRMM3B42RTV7.F90

Generating dependencies for ../metforcing/RFE2gdas/timeinterp\_RFE2gdas.F90

Generating dependencies for ../metforcing/3B42V6/timeinterp\_TRMM3B42V6.F90

Generating dependencies for ../metforcing/3B42RT/timeinterp\_TRMM3B42RT.F90

Generating dependencies for ../metforcing/RFE2Daily/timeinterp\_RFE2Daily.F90

Generating dependencies for ../metforcing/HiMAT\_GMU/timeinterp\_HiMATGMU.F90

Generating dependencies for ../metforcing/PALSmetdata/timeinterp\_PALSmetdata.F90

Generating dependencies for ../metforcing/Loobos/timeinterp\_Loobos.F90

Generating dependencies for ../surfacemodels/land/mosaic/texture.F90

Generating dependencies for ../surfacemodels/land/template/template\_writerst.F90

Generating dependencies for ../metforcing/Bondville/timeinterp\_Bondville.F90

Generating dependencies for ../metforcing/AWRAL/timeinterp\_AWRAL.F90

Generating dependencies for ../surfacemodels/land/template/template\_setup.F90

Generating dependencies for ../metforcing/AWAP/timeinterp\_AWAP.F90

Generating dependencies for ../surfacemodels/land/template/template\_reset.F90

Generating dependencies for ../surfacemodels/land/template/template\_readrst.F90

Generating dependencies for ../surfacemodels/land/template/template\_module.F90

Generating dependencies for ../surfacemodels/land/template/template\_main.F90

Generating dependencies for ../surfacemodels/land/template/template\_getrunoffs.F90

Generating dependencies for ../surfacemodels/land/template/template\_finalize.F90

Generating dependencies for ../surfacemodels/land/template/template\_readcrd.F90

Generating dependencies for ../surfacemodels/land/template/template\_dynsetup.F90

Generating dependencies for ../surfacemodels/land/template/template\_lsmMod.F90

Generating dependencies for ../surfacemodels/openwater/template/templateOpenWater\_writerst.F90

Generating dependencies for ../surfacemodels/land/template/template\_f2t.F90

Generating dependencies for ../surfacemodels/openwater/template/templateOpenWater\_setup.F90

Generating dependencies for ../surfacemodels/openwater/template/templateOpenWater\_module.F90

Generating dependencies for ../surfacemodels/openwater/template/templateOpenWater\_readrst.F90

Generating dependencies for ../surfacemodels/openwater/template/templateOpenWater\_main.F90

Generating dependencies for ../surfacemodels/openwater/template/templateOpenWater\_dynsetup.F90

Generating dependencies for ../surfacemodels/openwater/template/templateOpenWater\_f2t.F90

Generating dependencies for ../optUE/type/paramestim/obs/template/templateObs\_module.F90

Generating dependencies for ../surfacemodels/glacier/template/templateGL\_writerst.F90

Generating dependencies for ../surfacemodels/openwater/template/templateOpenWater\_finalize.F90

Generating dependencies for ../surfacemodels/glacier/template/templateGL\_setup.F90

Generating dependencies for ../surfacemodels/openwater/template/templateOpenWaterMod.F90

Generating dependencies for ../surfacemodels/glacier/template/templateGL\_readrst.F90

Generating dependencies for ../surfacemodels/glacier/template/templateGL\_main.F90

Generating dependencies for ../surfacemodels/glacier/template/templateGL\_finalize.F90

Generating dependencies for ../surfacemodels/glacier/template/templateGL\_f2t.F90

Generating dependencies for ../surfacemodels/glacier/template/templateGL\_readcrd.F90

Generating dependencies for ../surfacemodels/glacier/template/templateGL\_dynsetup.F90

Generating dependencies for ../surfacemodels/glacier/template/templateGL\_Mod.F90

Generating dependencies for ../surfacemodels/glacier/template/templateGL\_getrunoffs\_mm.F90

Generating dependencies for ../dataassim/obs/syntheticsm/syntheticsmobs\_module.F90

Generating dependencies for ../dataassim/obs/syntheticSnowTb/syntheticSnowTbObs\_Mod.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/svp.c

Generating dependencies for ../dataassim/obs/syntheticsnd/syntheticsndobs\_module.F90

Generating dependencies for ../dataassim/obs/syntheticwl/syntheticwlobs\_module.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/surface\_fluxes.c

Generating dependencies for ../metforcing/stg4/stg4file.F90

Generating dependencies for ../metforcing/stg4/stg4\_forcingMod.F90

Generating dependencies for ../metforcing/stg2/stg2file.F90

Generating dependencies for ../interp/stninterp\_module.F90

Generating dependencies for ../metforcing/stg2/stg2\_forcingMod.F90

Generating dependencies for ../irrigation/sprinkler/sprinkler\_irrigationMod.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/solve\_snow.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/soil\_thermal\_eqn.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/soil\_conduction.c

Generating dependencies for ../interp/snsoidxyTolatlon.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/snow\_utility.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/snow\_melt.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/snow\_intercept.c

Generating dependencies for ../metforcing/snotel/snotel\_forcingMod.F90

Generating dependencies for ../surfacemodels/land/mosaic/sibalb\_module.F90

Generating dependencies for ../surfacemodels/land/clm2/main/snowdp2lev.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.1/setup\_vic411.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/setup\_vic412.c

Generating dependencies for ../params/gfrac/SPORTDaily/setup\_SPORTgfrac.F90

Generating dependencies for ../params/gfrac/VIIRSDaily/setup\_VIIRSgfrac.F90

Generating dependencies for ../params/roughness/ALMIPII/setup\_ALMIPIIroughness.F90

Generating dependencies for ../params/gfrac/NESDISWeekly/setup\_NESDISgfrac.F90

Generating dependencies for ../params/lai/ALMIPII/setup\_ALMIPIIlai.F90

Generating dependencies for ../params/gfrac/ALMIPII/setup\_ALMIPIIgfrac.F90

Generating dependencies for ../params/emissivity/ALMIPII/setup\_ALMIPIIemiss.F90

Generating dependencies for ../params/albedo/ALMIPII/setup\_ALMIPIIalbedo.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/set\_vegparam.c

Generating dependencies for ../runmodes/smootherDA/smootherDA\_runMod.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/set\_output\_defaults.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/runoff.c

Generating dependencies for ../metforcing/scan/scan\_forcingMod.F90

Generating dependencies for ../surfacemodels/land/mosaic/setmosp.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/ruc\_debug.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/ruc\_driver\_37.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_write\_soilm.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_updatesoilm.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_transform\_snow.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_updatesnowvars.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_updatesnowvars\_scfda.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_setsoilm.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_setsnowvars.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_scale\_soilm.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_scale\_snow.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_qcsoilm.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_qcsnow.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_qc\_soilmobs.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_qc\_snowobs.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_qc\_scfobs.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_map\_swe.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_map\_snow.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_qc\_PMWsnowobs.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_getsynsmpred.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_map\_snow\_DI.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_getswepred.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_getsoilm.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_getsnwdpred.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_getsnowvars.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_getsmpred.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_getscfpred.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_getsnowpred\_PMWsnow.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/irrigation/ruc37\_getirrigationstates.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_getLbandTbPred.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_descale\_soilm.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_descale\_snow.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/routing/ruc37\_getrunoffs\_mm.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_dasoilm\_Mod.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_dasnow\_Mod.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/root\_brent.c

Generating dependencies for ../surfacemodels/land/ruc.3.7/routing/ruc37\_getrunoffs.F90

Generating dependencies for ../optUE/type/paramestim/obs/wgPBMRsm/reset\_wgPBMRsmdata.F90

Generating dependencies for ../optUE/type/paramestim/obs/template/reset\_templateObs.F90

Generating dependencies for ../metforcing/stg4/reset\_stg4.F90

Generating dependencies for ../metforcing/princeton/reset\_princeton.F90

Generating dependencies for ../metforcing/nldas2/reset\_nldas2.F90

Generating dependencies for ../metforcing/pptEnsFcst/reset\_pptEnsFcst.F90

Generating dependencies for ../metforcing/nam242/reset\_nam242.F90

Generating dependencies for ../metforcing/mrms/reset\_mrms\_grib.F90

Generating dependencies for ../metforcing/templateMetForc/reset\_metForcTemplate.F90

Generating dependencies for ../metforcing/genMetForc/reset\_metForcGenerated.F90

Generating dependencies for ../metforcing/geos5fcst/reset\_geos5fcst.F90

Generating dependencies for ../runmodes/retrospective/retrospective\_runMod.F90

Generating dependencies for ../metforcing/merra2/reset\_merra2.F90

Generating dependencies for ../metforcing/gefs/reset\_gefs.F90

Generating dependencies for ../metforcing/gdasT1534/reset\_gdasT1534.F90

Generating dependencies for ../metforcing/genEnsFcst/reset\_genEnsFcst.F90

Generating dependencies for ../metforcing/gdas/reset\_gdas.F90

Generating dependencies for ../metforcing/era5/reset\_era5.F90

Generating dependencies for ../metforcing/ecmwf/reset\_ecmwf.F90

Generating dependencies for ../metforcing/climatology/reset\_climatology.F90

Generating dependencies for ../metforcing/WRFout/reset\_WRFout.F90

Generating dependencies for ../metforcing/chirps2/reset\_chirps2.F90

Generating dependencies for ../optUE/type/paramestim/obs/USDA\_ARSsm/reset\_USDA\_ARSsm\_obs\_data.F90

Generating dependencies for ../metforcing/RFE2gdas/reset\_RFE2gdas.F90

Generating dependencies for ../surfacemodels/land/clm2/main/surfFileMod.F90

Generating dependencies for ../optUE/type/paramestim/obs/UAsnow/reset\_UAsnowobs.F90

Generating dependencies for ../optUE/type/paramestim/obs/SMAPsm/reset\_SMAPsmobs.F90

Generating dependencies for ../metforcing/PALSmetdata/reset\_PALSmetdata.F90

Generating dependencies for ../optUE/type/paramestim/obs/ISMNsm/reset\_ISMNsmobs.F90

Generating dependencies for ../optUE/type/paramestim/obs/LPRM\_AMSREsm/reset\_LPRM\_AMSREsmObsdata.F90

Generating dependencies for ../metforcing/HiMAT\_GMU/reset\_HiMATGMU.F90

Generating dependencies for ../optUE/type/paramestim/obs/Global\_LS\_data/reset\_GlobalLSObsData.F90

Generating dependencies for ../optUE/type/paramestim/obs/CNRS/reset\_CNRS\_em\_obs\_data.F90

Generating dependencies for ../optUE/type/paramestim/obs/FLUXNET/reset\_FLUXNETdata.F90

Generating dependencies for ../metforcing/AWAP/reset\_AWAP.F90

Generating dependencies for ../metforcing/AWRAL/reset\_AWRAL.F90

Generating dependencies for ../optUE/type/paramestim/obs/AMSRE\_SR/reset\_AMSRE\_SRObsdata.F90

Generating dependencies for ../optUE/type/paramestim/objfunc/P/resetPestimate.F90

Generating dependencies for ../optUE/type/paramestim/obs/ARM/reset\_ARMdata.F90

Generating dependencies for ../optUE/type/paramestim/obs/ARSsm/reset\_ARSsmobs.F90

Generating dependencies for ../optUE/type/paramestim/objfunc/LM/resetLMestimate.F90

Generating dependencies for ../optUE/type/paramestim/objfunc/LL/resetLLestimate.F90

Generating dependencies for ../optUE/type/paramestim/objfunc/LS/resetLSestimate.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/redistribute\_during\_storm.c

Generating dependencies for ../core/readzipf.c

Generating dependencies for ../metforcing/RFE2Daily/reproject\_RFE2Daily.F90

Generating dependencies for ../metforcing/RFE2gdas/readprecip\_RFE2gdas.F90

Generating dependencies for ../metforcing/RFE2Daily/readprecip\_RFE2Daily.F90

Generating dependencies for ../surfacemodels/openwater/template/readtemplateOpenWatercrd.F90

Generating dependencies for ../metforcing/RFE2gdas/reproject\_RFE2gdas.F90

Generating dependencies for ../metforcing/pet\_usgs/readpetusgscrd.F90

Generating dependencies for ../metforcing/stg4/readcrd\_stg4.F90

Generating dependencies for ../surfacemodels/land/mosaic/readmoscrd.F90

Generating dependencies for ../metforcing/stg2/readcrd\_stg2.F90

Generating dependencies for ../metforcing/snotel/readcrd\_snotel.F90

Generating dependencies for ../metforcing/princeton/readcrd\_princeton.F90

Generating dependencies for ../metforcing/scan/readcrd\_scan.F90

Generating dependencies for ../metforcing/pptEnsFcst/readcrd\_pptEnsFcst.F90

Generating dependencies for ../metforcing/nldas2/readcrd\_nldas2.F90

Generating dependencies for ../metforcing/narr/readcrd\_narr.F90

Generating dependencies for ../metforcing/mrms/readcrd\_mrms\_grib.F90

Generating dependencies for ../metforcing/merra2/readcrd\_merra2.F90

Generating dependencies for ../metforcing/nam242/readcrd\_nam242.F90

Generating dependencies for ../metforcing/gswp2/readcrd\_gswp2.F90

Generating dependencies for ../metforcing/imerg/readcrd\_imerg.F90

Generating dependencies for ../metforcing/genMetForc/readcrd\_metForcGenerated.F90

Generating dependencies for ../metforcing/gswp1/readcrd\_gswp1.F90

Generating dependencies for ../metforcing/geos5fcst/readcrd\_geos5fcst.F90

Generating dependencies for ../metforcing/gfs/readcrd\_gfs.F90

Generating dependencies for ../metforcing/genEnsFcst/readcrd\_genEnsFcst.F90

Generating dependencies for ../metforcing/gefs/readcrd\_gefs.F90

Generating dependencies for ../metforcing/gldas/readcrd\_gldas.F90

Generating dependencies for ../metforcing/gdasT1534/readcrd\_gdasT1534.F90

Generating dependencies for ../metforcing/era5/readcrd\_era5.F90

Generating dependencies for ../metforcing/ecmwf/readcrd\_ecmwf.F90

Generating dependencies for ../metforcing/cmorph/readcrd\_cmorph.F90

Generating dependencies for ../metforcing/gdas/readcrd\_gdas.F90

Generating dependencies for ../metforcing/climatology/readcrd\_climatology.F90

Generating dependencies for ../metforcing/agrradps/readcrd\_agrradps.F90

Generating dependencies for ../metforcing/WRFout/readcrd\_WRFout.F90

Generating dependencies for ../metforcing/cmap/readcrd\_cmap.F90

Generating dependencies for ../metforcing/3B42RT/readcrd\_TRMM3B42RT.F90

Generating dependencies for ../metforcing/3B42RTV7/readcrd\_TRMM3B42RTV7.F90

Generating dependencies for ../metforcing/3B42V6/readcrd\_TRMM3B42V6.F90

Generating dependencies for ../metforcing/3B42V7/readcrd\_TRMM3B42V7.F90

Generating dependencies for ../metforcing/Loobos/readcrd\_Loobos.F90

Generating dependencies for ../metforcing/PALSmetdata/readcrd\_PALSmetdata.F90

Generating dependencies for ../metforcing/RFE2Daily/readcrd\_RFE2Daily.F90

Generating dependencies for ../metforcing/HiMAT\_GMU/readcrd\_HiMATGMU.F90

Generating dependencies for ../metforcing/Bondville/readcrd\_Bondville.F90

Generating dependencies for ../metforcing/AWRAL/readcrd\_AWRAL.F90

Generating dependencies for ../metforcing/AWAP/readcrd\_AWAP.F90

Generating dependencies for ../metforcing/chirps2/readconfig\_chirps2.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/read\_vegparam.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/read\_veglib.c

Generating dependencies for ../optUE/type/paramestim/obs/template/read\_templateObs.F90

Generating dependencies for ../surfacemodels/land/clm2/readclm2crd.F90

Generating dependencies for ../dataassim/obs/syntheticsnd/read\_syntheticsndobs.F90

Generating dependencies for ../dataassim/obs/syntheticwl/read\_syntheticwlobs.F90

Generating dependencies for ../dataassim/obs/syntheticSnowTb/read\_syntheticSnowTbObs.F90

Generating dependencies for ../optUE/type/paramestim/obs/wgPBMRsm/read\_wgPBMRsmdata.F90

Generating dependencies for ../metforcing/stg4/read\_stg4.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/read\_soilparam.c

Generating dependencies for ../metforcing/stg2/read\_stg2.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/read\_snowband.c

Generating dependencies for ../dataassim/obs/syntheticsm/read\_syntheticsmobs.F90

Generating dependencies for ../metforcing/scan/read\_scan.F90

Generating dependencies for ../metforcing/princeton/read\_princeton\_elev.F90

Generating dependencies for ../metforcing/princeton/read\_princeton.F90

Generating dependencies for ../metforcing/pet\_usgs/read\_petusgs.F90

Generating dependencies for ../optUE/type/paramestim/obs/pesynsm1/read\_pesynsm1data.F90

Generating dependencies for ../dataassim/obs/pildas/read\_pildassmobs.F90

Generating dependencies for ../metforcing/nldas2/read\_nldas2b.F90

Generating dependencies for ../metforcing/snotel/read\_snotel.F90

Generating dependencies for ../metforcing/nldas2/read\_nldas2a.F90

Generating dependencies for ../metforcing/nldas2/read\_nldas2\_elev.F90

Generating dependencies for ../metforcing/narr/read\_narr.F90

Generating dependencies for ../metforcing/nam242/read\_nam242.F90

Generating dependencies for ../metforcing/nam242/read\_nam242\_elev.F90

Generating dependencies for ../metforcing/nldas2/read\_orig\_nldas2\_elevdiff.F90

Generating dependencies for ../metforcing/mrms/read\_mrms\_grib.F90

Generating dependencies for ../metforcing/merra2/read\_merra2\_elev.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/read\_lakeparam.c

Generating dependencies for ../metforcing/merra2/read\_merra2.F90

Generating dependencies for ../params/gfrac/VIIRSDaily/read\_gvf\_binary\_viirs.cc

Generating dependencies for ../metforcing/imerg/read\_imerg.F90

Generating dependencies for ../params/gfrac/SPORTDaily/read\_gvf\_binary\_modis.cc

Generating dependencies for ../metforcing/gswp1/read\_gswp1.F90

Generating dependencies for ../metforcing/gswp2/read\_gswp2.F90

Generating dependencies for ../metforcing/gfs/read\_gfs\_elev.F90

Generating dependencies for ../metforcing/gldas/read\_gldas.F90

Generating dependencies for ../metforcing/gfs/read\_gfs.F90

Generating dependencies for ../metforcing/gdas/read\_gdas\_elev.F90

Generating dependencies for ../metforcing/geos5fcst/read\_geos5fcst.F90

Generating dependencies for ../metforcing/gdasT1534/read\_gdasT1534.F90

Generating dependencies for ../metforcing/gefs/read\_gefs\_reforecast.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/read\_forcing\_data.c

Generating dependencies for ../metforcing/gdas/read\_gdas.F90

Generating dependencies for ../metforcing/ecmwf/read\_ecmwf\_elev.F90

Generating dependencies for ../metforcing/era5/read\_era5\_elev.F90

Generating dependencies for ../metforcing/era5/read\_era5.F90

Generating dependencies for ../metforcing/ecmwf/read\_ecmwf.F90

Generating dependencies for ../metforcing/cmap/read\_cmap.F90

Generating dependencies for ../metforcing/cmorph/read\_cmorph.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/read\_atmos\_data.c

Generating dependencies for ../metforcing/chirps2/read\_chirps2.F90

Generating dependencies for ../metforcing/agrradps/read\_agrradps.F90

Generating dependencies for ../optUE/type/paramestim/obs/Ameriflux/read\_ameriflux\_station.F90

Generating dependencies for ../metforcing/WRFout/read\_WRFout.F90

Generating dependencies for ../params/gfrac/VIIRSDaily/read\_VIIRSgfrac.F90

Generating dependencies for ../optUE/type/paramestim/obs/USDA\_ARSsm/read\_USDA\_ARSsmdata.F90

Generating dependencies for ../metforcing/3B42V7/read\_TRMM3B42V7.F90

Generating dependencies for ../optUE/type/paramestim/obs/UAsnow/read\_UAsnowobs.F90

Generating dependencies for ../metforcing/3B42V6/read\_TRMM3B42V6.F90

Generating dependencies for ../metforcing/3B42RT/read\_TRMM3B42RT.F90

Generating dependencies for ../dataassim/obs/USAFSI/read\_USAFSIobs.F90

Generating dependencies for ../metforcing/3B42RTV7/read\_TRMM3B42RTV7.F90

Generating dependencies for ../dataassim/obs/SNODEP/read\_SNODEPobs.F90

Generating dependencies for ../dataassim/obs/SSMI\_SNWD/read\_SSMISNWDsnow.F90

Generating dependencies for ../params/gfrac/SPORTDaily/read\_SPORTgfrac.F90

Generating dependencies for ../dataassim/obs/SMMR\_SNWD/read\_SMMRSNWDsnow.F90

Generating dependencies for ../optUE/type/paramestim/obs/SMAPsm/read\_SMAPsmobs.F90

Generating dependencies for ../dataassim/obs/SMOS\_NESDIS/read\_SMOSNESDISsm.F90

Generating dependencies for ../dataassim/obs/SMOPS\_ASCATsm/read\_SMOPS\_ASCATsm.F90

Generating dependencies for ../params/gfrac/NESDISWeekly/read\_NESDISgfrac.F90

Generating dependencies for ../dataassim/obs/SMAP\_NRTsm/read\_SMAPNRTsm.F90

Generating dependencies for ../dataassim/obs/NASA\_SMAPsm/read\_NASASMAPsm.F90

Generating dependencies for ../optUE/type/paramestim/obs/Macon\_LS\_data/read\_MaconLSObsdata.F90

Generating dependencies for ../dataassim/obs/NASA\_SMAPvod/read\_NASASMAPvod.F90

Generating dependencies for ../metforcing/Loobos/read\_Loobos.F90

Generating dependencies for ../optUE/type/paramestim/obs/LPRM\_AMSREsm/read\_LPRM\_AMSREsmdata.F90

Generating dependencies for ../dataassim/obs/PMW\_snow/read\_PMW\_snow.F90

Generating dependencies for ../dataassim/obs/MODIS\_SPORT\_LAI/read\_MODISsportLAI.F90

Generating dependencies for ../optUE/type/paramestim/obs/ISMNsm/read\_ISMNsmobs.F90

Generating dependencies for ../metforcing/HiMAT\_GMU/read\_HiMATGMU.F90

Generating dependencies for ../dataassim/obs/LPRM\_AMSREsm/read\_LPRM\_AMSREsm.F90

Generating dependencies for ../optUE/type/paramestim/obs/ISCCP\_Tskin/read\_ISCCP\_Tskindata.F90

Generating dependencies for ../optUE/type/paramestim/obs/Global\_LS\_data/read\_GlobalLSObsdata.F90

Generating dependencies for ../dataassim/obs/GRACE/read\_GRACEobs.F90

Generating dependencies for ../optUE/type/paramestim/obs/FLUXNET/read\_FLUXNETdata.F90

Generating dependencies for ../dataassim/obs/GLASS\_LAI/read\_GLASSlai.F90

Generating dependencies for ../dataassim/obs/GLASS\_Albedo/read\_GLASSalbedo.F90

Generating dependencies for ../dataassim/obs/GCOMW\_AMSR2L3SND/read\_GCOMW\_AMSR2L3SND.F90

Generating dependencies for ../metforcing/Bondville/read\_Bondville.F90

Generating dependencies for ../optUE/type/paramestim/obs/CNRS/read\_CNRSdata.F90

Generating dependencies for ../optUE/type/paramestim/obs/CNRS/read\_CNRSdata\_MPDI.F90

Generating dependencies for ../metforcing/AWRAL/read\_AWRAL.F90

Generating dependencies for ../dataassim/obs/ESACCI\_sm/read\_ESACCIsm.F90

Generating dependencies for ../metforcing/AWAP/read\_AWAP.F90

Generating dependencies for ../optUE/type/paramestim/obs/ARSsm/read\_ARSsmobs.F90

Generating dependencies for ../optUE/type/paramestim/obs/Ameriflux/read\_AmerifluxObs.F90

Generating dependencies for ../dataassim/obs/ANSA\_SCF/read\_ANSASCFsnow.F90

Generating dependencies for ../dataassim/obs/ANSA\_SNWD/read\_ANSASNWDsnow.F90

Generating dependencies for ../dataassim/obs/ASO\_SWE/read\_ASO\_SWE.F90

Generating dependencies for ../params/roughness/ALMIPII/read\_ALMIPIIroughness.F90

Generating dependencies for ../optUE/type/paramestim/obs/ARM/read\_ARMdata.F90

Generating dependencies for ../params/lai/ALMIPII/read\_ALMIPIIlai.F90

Generating dependencies for ../optUE/type/paramestim/obs/AMSRE\_SR/read\_AMSRE\_SRdata.F90

Generating dependencies for ../params/gfrac/ALMIPII/read\_ALMIPIIgfrac.F90

Generating dependencies for ../params/emissivity/ALMIPII/read\_ALMIPIIemiss.F90

Generating dependencies for ../metforcing/RFE2gdas/readRFE2gdascrd.F90

Generating dependencies for ../params/albedo/ALMIPII/read\_ALMIPIIalbedo.F90

Generating dependencies for ../rtms/CRTM2EM/readCRTM2EMcrd.F90

Generating dependencies for ../rtms/LIS-CMEM3/readCMEM3crd.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/put\_data.c

Generating dependencies for ../routing/HYMAP2\_router/runoffdata/LISoutput/readLISrunoffdata.F90

Generating dependencies for ../interp/pstoll.F90

Generating dependencies for ../metforcing/princeton/princeton\_forcingMod.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/prepare\_full\_energy.c

Generating dependencies for ../dataassim/perturb/gmaopert/random\_fields.F90

Generating dependencies for ../interp/polfixs.F90

Generating dependencies for ../interp/polarToLatLon.F90

Generating dependencies for ../metforcing/pptEnsFcst/pptEnsFcst\_VariablesMod.F90

Generating dependencies for ../metforcing/pptEnsFcst/pptEnsFcst\_SpatialInterpMod.F90

Generating dependencies for ../dataassim/algorithm/pf/pf\_types.F90

Generating dependencies for ../dataassim/obs/pildas/pildassmobs\_module.F90

Generating dependencies for ../surfacemodels/land/clm2/main/pft\_varcon.F90

Generating dependencies for ../metforcing/pptEnsFcst/pptEnsFcst\_forcingMod.F90

Generating dependencies for ../metforcing/pet\_usgs/petusgs\_forcingMod.F90

Generating dependencies for ../optUE/type/paramestim/obs/pesynsm1/pesynsm1data\_module.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/penman.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/parse\_output\_info.c

Generating dependencies for ../surfacemodels/land/mosaic/paramb.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/pack\_model\_state.c

Generating dependencies for ../dataassim/algorithm/pf/pf\_Mod.F90

Generating dependencies for ../dataassim/algorithm/pf/pf\_general.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/output\_list\_utils.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/open\_state\_file.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/open\_file.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/nrerror.c

Generating dependencies for ../dataassim/perturb/gmaopert/nr\_jacobi.F90

Generating dependencies for ../dataassim/algorithm/enkf/nr\_sort.F90

Generating dependencies for ../dataassim/algorithm/enksgrace/nr\_fft.F90

Generating dependencies for ../runmodes/paramEstimation/paramEstim\_runMod.F90

Generating dependencies for ../interp/normalize\_stnwts.F90

Generating dependencies for ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_writerst.F90

Generating dependencies for ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_readrst.F90

Generating dependencies for ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_module.F90

Generating dependencies for ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_readcrd.F90

Generating dependencies for ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_setup.F90

Generating dependencies for ../surfacemodels/glacier/noahmp.3.9.1.1/routing/noahmpglacier3911\_getrunoffs\_mm.F90

Generating dependencies for ../surfacemodels/glacier/noahmp.3.9.1.1/routing/noahmpglacier3911\_getrunoffs\_hymap2.F90

Generating dependencies for ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_finalize.F90

Generating dependencies for ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_f2t.F90

Generating dependencies for ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_dynsetup.F90

Generating dependencies for ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_coldstart.F90

Generating dependencies for ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_main.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/noahmp\_driver\_401.F90

Generating dependencies for ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_Mod.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_write\_soilm.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_updatesoilm.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_updatesnowvars.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_updateusafsivars.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_updatesnodepvars.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_transform\_usafsi.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_usafsi\_update.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_snodep\_update.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_snow\_update.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/noahmp\_driver\_36.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_transform\_snodep.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_setusafsivars.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_setsoilm.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_setsnowvars.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_scale\_soilm.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_setsnodepvars.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_scale\_snow.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_scale\_usafsi.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_qcsoilm.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_scale\_snodep.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_qcsnow.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_qcusafsi.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_qcsnodep.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_qc\_usafsiobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_qc\_soilmobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_qc\_snowobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_qc\_snodepobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_map\_snodep.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_getsoilm.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_getusafsipred.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_map\_usafsi.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_getusafsivars.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_getsnodepvars.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_getsnowvars.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_getsnowpred.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/routing/noahmp401\_getrunoffs\_mm.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_getsmpred.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/routing/noahmp401\_getrunoffs\_hymap2.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_getsnodeppred.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_descale\_soilm.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/routing/noahmp401\_getrunoffs.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_descale\_usafsi.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_dausafsi\_Mod.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/irrigation/noahmp401\_getirrigationstates.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_descale\_snow.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_dasnow\_Mod.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_dasoilm\_Mod.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_dasnodep\_Mod.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/noahmp36\_wrf\_routines.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_descale\_snodep.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_updatevegvars.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_updatetws.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_write\_soilm.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_write\_tws.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_updatesnowvars.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_updatesnodepvars.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_updatesoilm.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_updatesnowvarsSVM.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_transform\_veg.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_updatealbedovars.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_transform\_snodep.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_tws\_DAlogMod.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_snodep\_update.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_snow\_update.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/sfc\_cmem3/noahmp36\_sfc2cmem3.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_transform\_albedo.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_setsoilm.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_settws.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_setsnowvarsSVM.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_setsnowvars.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_setsnodepvars.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_scale\_veg.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_scale\_tws.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_setalbedovars.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_setvegvars.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_scale\_snowSVM.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_scale\_soilm.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_scale\_snow.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_scale\_albedo.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_qcveg.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_scale\_snodep.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_qctws.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_qcsnow.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_qcsoilm.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_qcsnowSVM.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_qcsnodep.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_qcalbedo.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_qc\_twsobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_qc\_snowobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_qc\_albedoobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_qc\_soilmobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_qc\_snodepobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_qc\_snowobsSVM.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_map\_veg.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_qc\_LAIobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_map\_albedo.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_map\_snodep.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_gettws.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_getvegvars.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/routing/noahmp36\_getsws\_hymap2.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_gettwspred.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_getswepred.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_getsoilm.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_getsnwdpred\_TB.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_getsnwdpred.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_getsnowvarsSVM.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_getsnodepvars.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_getsnowvars.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_getsnodeppred.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/routing/noahmp36\_getrunoffs\_hymap2.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/irrigation/noahmp36\_getirrigationstates.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/routing/noahmp36\_getrunoffs\_mm.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_getsmpred.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/routing/noahmp36\_getrunoffs.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_getalbedopred.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_getLAIpred.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_getalbedovars.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_descale\_veg.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_descale\_tws.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_descale\_snowSVM.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_descale\_soilm.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_descale\_snow.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_daveg\_Mod.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_datws\_Mod.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_dasoilm\_Mod.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_dasnow\_Mod.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_descale\_albedo.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_descale\_snodep.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_dasnowSVM\_Mod.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_daalbedo\_Mod.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_dasnodep\_Mod.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_updateusafsi.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_write\_soilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/noah39\_writerst.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_updatesoilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_transform\_usafsi.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_updatesnodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_transform\_snodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_setusafsivars.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/noah39\_setup.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_LIS\_SVM.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/noah39\_settbot.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_setsoilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_scale\_usafsi.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_setsnodepvars.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/noah39\_setsoils.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/noah39\_setvegparms.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_scale\_soilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_scale\_snodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/noah39\_readcrd.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_qcusafsi.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/noah39\_reset.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/noah39\_readrst.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_qcsoilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_qc\_usafsiobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_qcsnodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_qc\_soilmobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/noah39\_module.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_qc\_snodepobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_map\_usafsi.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_map\_snodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_getusafsivars.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/noah39\_lsmMod.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_getusafsipred.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_getsoilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_getsnodepvars.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_getsnodeppred.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/routing/noah39\_getrunoffs\_mm.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/routing/noah39\_getrunoffs.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_getLbandTbPred.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/noah39\_finalize.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_getsmpred.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/noah39\_f2t.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_descale\_usafsi.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_descale\_soilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/noah39\_dynsetup.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_descale\_snodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/noah39\_main.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_snow/noah39\_dasnow\_Mod.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_dasoilm\_Mod.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/noah39\_coldstart.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_updatesoilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/cpl\_wrf\_noesmf/noah36\_wrf\_f2t.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/noah36\_writerst.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_write\_soilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_updatesnowvars.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_updatesnodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_transform\_snow.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_updatesnowvars\_scfda.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/sfc\_cmem3/noah36\_sfc2cmem3.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_transform\_snodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/noah36\_setup.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/noah36\_settbot.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/cpl\_wrf\_noesmf/noah36\_setwrfexport.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/noah36\_setvegparms.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/noah36\_setsoils.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_setsnowvars.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_setsoilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_setsnodepvars.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_scale\_snow.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_scale\_soilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_scale\_snodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/noah36\_reset.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/noah36\_readcrd.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_qcsoilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_qcsnow.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/pe/noah36\_set\_pedecvars.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_qcsnodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/noah36\_readrst.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_qc\_soilmobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_qc\_snowobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_qc\_snodepobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_qc\_scfobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_qc\_PMWsnowobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/noah36\_module.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/pe/noah36\_peMod.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_map\_swe.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_map\_snow\_DI.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_map\_snodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_map\_snow.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_getswepred.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/noah36\_lsmMod.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_getsoilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_getsnwdpred.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_getsnowvars.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_getsnowpred\_PMWsnow.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/noah36\_main.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_getsnodepvars.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_getsnodeppred.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_getscfpred.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/routing/noah36\_getrunoffs\_mm.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/routing/noah36\_getrunoffs.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_getLbandTbPred.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/noah36\_finalize.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/noah36\_f2t.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_descale\_soilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_getsmpred.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_descale\_snow.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/noah36\_dynsetup.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_dasoilm\_Mod.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_descale\_snodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/da\_snow/noah36\_dasnow\_Mod.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/noah36\_coldstart.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_updatesoilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_write\_soilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/cpl\_wrf\_noesmf/noah33\_wrf\_f2t.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/noah33\_writerst.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_updatesnowvars.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_updatesnowvars\_scfda.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_updatesnodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_transform\_snow.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/sfc\_tauomega/noah33\_sfc2tauomega.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/sfc\_crtm/noah33\_sfc2crtm.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_transform\_snodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/sfc\_cmem3/noah33\_sfc2cmem3.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/pe/obspred/USDA\_ARSsm/noah33\_setupobspred\_USDA\_ARSsmobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/pe/obspred/LPRM\_AMSREsm/noah33\_setupobspred\_LPRMsmobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/pe/obspred/FLUXNET/noah33\_setupobspred\_FLUXNETobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/cpl\_wrf\_noesmf/noah33\_setwrfexport.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/noah33\_setup.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/noah33\_setsoils.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/noah33\_settbot.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_setsoilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/noah33\_setvegparms.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_setsnowvars.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_setsnodepvars.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_scale\_soilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_scale\_snow.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_scale\_snodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/noah33\_reset.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/noah33\_readcrd.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_qcsoilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_qcsnow.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_qcsnodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/noah33\_readrst.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_qc\_soilmobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/pe/noah33\_set\_pedecvars.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_qc\_snodepobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_qc\_snowobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_qc\_scfobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_qc\_PMWsnowobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/noah33\_module.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/pe/noah33\_peMod.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_map\_swe.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_map\_snow.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_map\_snow\_DI.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_map\_snodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_getswepred.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/noah33\_lsmMod.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_getsoilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_getsnwdpred.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_getsnowvars.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_getsnowpred\_PMWsnow.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_getsnodepvars.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/noah33\_main.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_getsnodeppred.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_getscfpred.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_getsmpred.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/routing/noah33\_getrunoffs\_et.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/routing/noah33\_getrunoffs.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/routing/noah33\_getrunoffs\_mm.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/pe/obspred/USDA\_ARSsm/noah33\_getpeobspred\_USDA\_ARSsmobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_getLbandTbPred.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/pe/obspred/LPRM\_AMSREsm/noah33\_getpeobspred\_LPRMsmobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/pe/obspred/FLUXNET/noah33\_getpeobspred\_FLUXNETobs.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/irrigation/noah33\_getirrigationstates.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/noah33\_finalize.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/noah33\_f2t.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_descale\_soilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/noah33\_dynsetup.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_descale\_snodep.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_descale\_snow.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_dasoilm\_Mod.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/da\_snow/noah33\_dasnow\_Mod.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/noah33\_coldstart.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/noah32\_writerst.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/cpl\_wrf\_noesmf/noah32\_wrf\_f2t.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/noah32\_setup.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/cpl\_wrf\_noesmf/noah32\_setwrfexport.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/noah32\_settbot.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/noah32\_setvegparms.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/noah32\_setsoils.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/noah32\_readcrd.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/noah32\_module.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/noah32\_readrst.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/routing/noah32\_getrunoffs\_mm.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/routing/noah32\_getrunoffs.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/noah32\_main.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/noah32\_finalize.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/noah32\_lsmMod.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/noah32\_f2t.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/noah32\_coldstart.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/noah32\_dynsetup.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/da\_snodep/noah271\_transform\_snodep.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/cpl\_wrf\_noesmf/noah271\_wrf\_f2t.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/da\_snodep/noah271\_updatesnodep.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/noah271\_writerst.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/noah271\_setvegparms.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/cpl\_wrf\_noesmf/noah271\_setwrfexport.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/noah271\_setup.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/noah271\_settbot.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/noah271\_setsoils.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/da\_snodep/noah271\_setsnodepvars.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/noah271\_readcrd.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/da\_snodep/noah271\_qcsnodep.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/noah271\_readrst.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/noah271\_module.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/da\_snodep/noah271\_map\_snodep.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/da\_snodep/noah271\_getsnodepvars.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/noah271\_lsmMod.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/routing/noah271\_getrunoffs\_mm.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/routing/noah271\_getrunoffs.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/noah271\_finalize.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/noah271\_f2t.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/noah271\_main.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/noah271\_dynsetup.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/da\_snodep/noah271\_dasnow\_Mod.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/noah271\_coldstart.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/noah271\_calc\_tskin.F90

Generating dependencies for ../metforcing/nldas2/nldas2\_ec\_removal.F90

Generating dependencies for ../metforcing/nldas2/nldas2\_forcingMod.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/newt\_raph\_func\_fast.c

Generating dependencies for ../interp/neighbor\_interp\_input\_withgrid.F90

Generating dependencies for ../interp/neighbor\_interp\_input.F90

Generating dependencies for ../interp/neighbor\_interp.F90

Generating dependencies for ../metforcing/narr/narr\_forcingMod.F90

Generating dependencies for ../dataassim/algorithm/enkf/my\_matrix\_functions.F90

Generating dependencies for ../metforcing/nam242/nam242\_forcingMod.F90

Generating dependencies for ../dataassim/algorithm/enkf/my\_lu\_decomp.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/da\_snowSVM/mwSVM\_routines.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/mtclim\_wrapper.c

Generating dependencies for ../metforcing/mrms/mrms\_gribfile.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/mtclim\_vic.c

Generating dependencies for ../interp/mqb\_module.F90

Generating dependencies for ../metforcing/mrms/mrms\_grib\_forcingMod.F90

Generating dependencies for ../surfacemodels/land/mosaic/mosdynp.F90

Generating dependencies for ../surfacemodels/land/mosaic/da\_soilm/mos\_updatesoilm.F90

Generating dependencies for ../surfacemodels/land/mosaic/da\_soilm/mos\_write\_soilm.F90

Generating dependencies for ../surfacemodels/land/mosaic/mos\_tile.F90

Generating dependencies for ../surfacemodels/land/mosaic/mos\_setup.F90

Generating dependencies for ../surfacemodels/land/mosaic/sfc\_cmem3/mos\_sfc2cmem3.F90

Generating dependencies for ../surfacemodels/land/mosaic/da\_soilm/mos\_setsoilm.F90

Generating dependencies for ../surfacemodels/land/mosaic/mos\_writerst.F90

Generating dependencies for ../surfacemodels/land/mosaic/mos\_readrestart.F90

Generating dependencies for ../surfacemodels/land/mosaic/da\_soilm/mos\_scale\_soilm.F90

Generating dependencies for ../surfacemodels/land/mosaic/mos\_module.F90

Generating dependencies for ../surfacemodels/land/mosaic/da\_soilm/mos\_qcsoilm.F90

Generating dependencies for ../surfacemodels/land/mosaic/da\_soilm/mos\_getsynsmpred.F90

Generating dependencies for ../surfacemodels/land/mosaic/da\_soilm/mos\_getsoilm.F90

Generating dependencies for ../surfacemodels/land/mosaic/mos\_main.F90

Generating dependencies for ../surfacemodels/land/mosaic/mos\_finalize.F90

Generating dependencies for ../surfacemodels/land/mosaic/mos\_f2t.F90

Generating dependencies for ../surfacemodels/land/mosaic/mos\_lsmMod.F90

Generating dependencies for ../surfacemodels/land/mosaic/mos\_coldstart.F90

Generating dependencies for ../surfacemodels/land/mosaic/da\_soilm/mos\_descale\_soilm.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/module\_sfcdif\_wrf\_33.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/module\_sfcdif\_wrf\_36.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_urban\_401.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/module\_sfcdif\_wrf\_39.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/module\_sfcdif\_wrf\_32.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/module\_sf\_sfclay\_36.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_noahmplsm\_401.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/module\_sf\_ruclsm\_ruc37.F90

Generating dependencies for ../surfacemodels/glacier/noahmp.3.9.1.1/module\_sf\_noahmpglacier3911.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/module\_sfcdif\_wrf\_ruc37.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_noahmp\_groundwater\_401.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_noahmp\_glacier\_401.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/module\_sf\_noahlsm\_36.F90

Generating dependencies for ../surfacemodels/glacier/noahmp.3.9.1.1/module\_sf\_noahmp\_glacier.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/phys/module\_sf\_noah39lsm.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/phys/module\_sf\_noah39lsm\_glacial.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_noahmpdrv\_401.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/module\_sf\_noah36lsm\_glacial.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/module\_sf\_noah36lsm.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/module\_sf\_noah33lsm\_glacial.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/module\_sf\_noah33lsm.F90

Generating dependencies for ../surfacemodels/land/noah.2.7.1/module\_sf\_noah271lsm.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_gecros\_401.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/module\_sf\_noah32lsm.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_bep\_401.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_bem\_401.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_bep\_bem\_401.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/module\_model\_constants\_ruc37.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/phys/module\_model\_constants\_401.F90

Generating dependencies for ../surfacemodels/land/noah.3.9/phys/module\_model\_constants\_39.F90

Generating dependencies for ../surfacemodels/land/noah.3.6/module\_model\_constants\_36.F90

Generating dependencies for ../surfacemodels/land/noah.3.3/module\_model\_constants\_33.F90

Generating dependencies for ../surfacemodels/land/noah.3.2/module\_model\_constants\_32.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/module\_Noahlsm\_utility\_ruc37.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/module\_sf\_myjsfc\_36.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/modify\_Ksat.c

Generating dependencies for ../apps/landslide/TRIGRS/model\_vars.F90

Generating dependencies for ../metforcing/templateMetForc/metForcTemplate\_forcingMod.F90

Generating dependencies for ../metforcing/genMetForc/metForcGen\_SpatialInterpMod.F90

Generating dependencies for ../metforcing/merra2/merra2\_forcingMod.F90

Generating dependencies for ../metforcing/genMetForc/metForcGen\_VariablesMod.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/massrelease.c

Generating dependencies for ../surfacemodels/land/mosaic/mapsib2umd.F90

Generating dependencies for ../metforcing/genMetForc/metForcGenerated\_forcingMod.F90

Generating dependencies for ../interp/map\_utils.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/make\_veg\_var.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/make\_snow\_data.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/make\_in\_and\_outfiles.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/make\_energy\_bal.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/make\_dmy.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/make\_dist\_prcp.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/make\_cell\_data.c

Generating dependencies for ../interp/lltops.F90

Generating dependencies for ../runmodes/wrf\_cpl\_mode/liswrfrun\_coupled.F90

Generating dependencies for ../runmodes/wrf\_cpl\_mode/liswrfinit\_coupled.F90

Generating dependencies for ../runmodes/wrf\_cpl\_mode/liswrffinalize\_coupled.F90

Generating dependencies for ../offline/lisdrv.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/lis\_scan\_soilparam\_flat\_ascii.c

Generating dependencies for ../interp/latlonTopolar.F90

Generating dependencies for ../interp/latlonTohrap.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/latent\_heat\_from\_snow.c

Generating dependencies for ../dataassim/perturb/gmaopert/landpert\_module.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/lakes.eb.c

Generating dependencies for ../surfacemodels/land/ruc.3.7/kwm\_date\_utilities\_ruc37.F90

Generating dependencies for ../surfacemodels/glacier/noahmp.3.9.1.1/kwm\_date\_utilities\_noahgl3911.F90

Generating dependencies for ../dataassim/perturb/gmaopert/landpert\_routines.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/kwm\_date\_utilities\_401.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/kwm\_date\_utilities\_36.F90

Generating dependencies for ../interp/interp\_stndata.F90

Generating dependencies for ../metforcing/stg4/interp\_stg4.F90

Generating dependencies for ../metforcing/stg2/interp\_stg2.F90

Generating dependencies for ../metforcing/pet\_usgs/interp\_petusgs.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/module\_sf\_noahmplsm\_36.F90

Generating dependencies for ../metforcing/mrms/interp\_mrms\_grib.F90

Generating dependencies for ../metforcing/narr/interp\_narrfield.F90

Generating dependencies for ../metforcing/imerg/interp\_imerg.F90

Generating dependencies for ../metforcing/cmorph/interp\_cmorph.F90

Generating dependencies for ../metforcing/gefs/interp\_gefs.F90

Generating dependencies for ../metforcing/geos5fcst/interp\_geos5fcst.F90

Generating dependencies for ../metforcing/cmap/interp\_cmap.F90

Generating dependencies for ../metforcing/agrradps/interp\_agrradpsvar.F90

Generating dependencies for ../metforcing/3B42V7/interp\_TRMM3B42V7.F90

Generating dependencies for ../metforcing/3B42RTV7/interp\_TRMM3B42RTV7.F90

Generating dependencies for ../metforcing/3B42V6/interp\_TRMM3B42V6.F90

Generating dependencies for ../metforcing/3B42RT/interp\_TRMM3B42RT.F90

Generating dependencies for ../metforcing/HiMAT\_GMU/interp\_HiMATGMU.F90

Generating dependencies for ../metforcing/AWRAL/interp\_AWRAL.F90

Generating dependencies for ../metforcing/AWAP/interp\_AWAP.F90

Generating dependencies for ../apps/landslide/TRIGRS/input\_vars.F90

Generating dependencies for ../apps/landslide/TRIGRS/input\_file\_defs.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/initialize\_veg.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/initialize\_soil.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/initialize\_snow.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/initialize\_new\_storm.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/initialize\_lake.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/initialize\_model\_state.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/initialize\_global.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/initialize\_atmos.c

Generating dependencies for ../metforcing/imerg/imerg\_forcingMod.F90

Generating dependencies for ../interp/idw\_module.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/ice\_melt.c

Generating dependencies for ../surfacemodels/land/clm2/iniTimeVar.F90

Generating dependencies for ../surfacemodels/land/clm2/iniTimeConst.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssibveg\_module.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssibalb\_module.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssib\_totinit.F90

Generating dependencies for ../surfacemodels/land/clm2/main/lnd\_atmMod.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssib\_setvegparms.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssib\_settopostd.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssib\_writerst.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssib\_settbot.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssib\_setup.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssib\_readrst.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssib\_readcrd.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssib\_module.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssib\_mapvegc.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssib\_gfrac.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssib\_main.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssib\_finalize.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssib\_dynsetup.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssib\_f2t.F90

Generating dependencies for ../interp/hrapToLatLon.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssib\_coldstart.F90

Generating dependencies for ../metforcing/gswp2/gswp2\_forcingMod.F90

Generating dependencies for ../metforcing/gswp1/gswp1\_forcingMod.F90

Generating dependencies for ../apps/landslide/TRIGRS/grids.F90

Generating dependencies for ../surfacemodels/land/hyssib/hyssib\_lsmMod.F90

Generating dependencies for ../metforcing/gldas/gldas\_forcingMod.F90

Generating dependencies for ../metforcing/gfs/gfs\_forcingMod.F90

Generating dependencies for ../dataassim/biasEstimation/gmaoBE/gmaobias\_estimationMod.F90

Generating dependencies for ../dataassim/perturb/gmaopert/gmaopert\_Mod.F90

Generating dependencies for ../metforcing/stg4/get\_stg4.F90

Generating dependencies for ../metforcing/stg2/get\_stg2.F90

Generating dependencies for ../metforcing/snotel/get\_snotel.F90

Generating dependencies for ../metforcing/princeton/get\_princeton.F90

Generating dependencies for ../metforcing/scan/get\_scan.F90

Generating dependencies for ../metforcing/pptEnsFcst/get\_pptEnsFcst\_filename.F90

Generating dependencies for ../metforcing/pet\_usgs/get\_petusgs.F90

Generating dependencies for ../metforcing/nldas2/get\_nldas2.F90

Generating dependencies for ../metforcing/nldas2/get\_ncep\_filenames.F90

Generating dependencies for ../metforcing/pptEnsFcst/get\_pptEnsFcst.F90

Generating dependencies for ../metforcing/narr/get\_narr.F90

Generating dependencies for ../metforcing/templateMetForc/get\_metForcTemplate.F90

Generating dependencies for ../metforcing/nam242/get\_nam242.F90

Generating dependencies for ../metforcing/mrms/get\_mrms\_grib.F90

Generating dependencies for ../metforcing/genMetForc/get\_metForcGenerated.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/get\_max\_snow\_temp.c

Generating dependencies for ../metforcing/genMetForc/get\_metForcGen\_filename.F90

Generating dependencies for ../metforcing/merra2/get\_merra2.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/get\_global\_param.c

Generating dependencies for ../metforcing/gswp2/get\_gswp2.F90

Generating dependencies for ../metforcing/gswp1/get\_gswp1.F90

Generating dependencies for ../metforcing/imerg/get\_imerg.F90

Generating dependencies for ../metforcing/gldas/get\_gldas.F90

Generating dependencies for ../metforcing/nldas2/get\_gesdisc\_filenames.F90

Generating dependencies for ../metforcing/gfs/get\_gfs.F90

Generating dependencies for ../metforcing/genEnsFcst/get\_genEnsFcst\_filename.F90

Generating dependencies for ../metforcing/geos5fcst/get\_geos5fcst.F90

Generating dependencies for ../metforcing/gefs/get\_gefs.F90

Generating dependencies for ../metforcing/gdasT1534/get\_gdasT1534.F90

Generating dependencies for ../metforcing/gdas/get\_gdas.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/get\_force\_type.c

Generating dependencies for ../interp/get\_fieldpos.F90

Generating dependencies for ../metforcing/era5/get\_era5.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/get\_dist.c

Generating dependencies for ../metforcing/ecmwf/get\_ecmwf.F90

Generating dependencies for ../metforcing/cmorph/get\_cmorph.F90

Generating dependencies for ../metforcing/climatology/get\_climatology\_filename.F90

Generating dependencies for ../metforcing/genEnsFcst/get\_genEnsFcst.F90

Generating dependencies for ../metforcing/cmap/get\_cmap.F90

Generating dependencies for ../metforcing/chirps2/get\_chirps2.F90

Generating dependencies for ../metforcing/agrradps/get\_agrradps.F90

Generating dependencies for ../metforcing/WRFout/get\_WRFout.F90

Generating dependencies for ../metforcing/3B42V7/get\_TRMM3B42V7.F90

Generating dependencies for ../metforcing/climatology/get\_climatology.F90

Generating dependencies for ../metforcing/3B42V6/get\_TRMM3B42V6.F90

Generating dependencies for ../metforcing/3B42RTV7/get\_TRMM3B42RTV7.F90

Generating dependencies for ../metforcing/RFE2Daily/get\_RFE2Daily.F90

Generating dependencies for ../metforcing/RFE2gdas/get\_RFE2gdas.F90

Generating dependencies for ../metforcing/3B42RT/get\_TRMM3B42RT.F90

Generating dependencies for ../metforcing/PALSmetdata/get\_PALSmetdata.F90

Generating dependencies for ../metforcing/HiMAT\_GMU/get\_HiMATGMU.F90

Generating dependencies for ../metforcing/Loobos/get\_Loobos.F90

Generating dependencies for ../metforcing/AWRAL/get\_AWRAL.F90

Generating dependencies for ../metforcing/Bondville/get\_Bondville.F90

Generating dependencies for ../metforcing/AWAP/get\_AWAP.F90

Generating dependencies for ../surfacemodels/land/geowrsi.2/geowrsi2\_writerst.F90

Generating dependencies for ../surfacemodels/land/geowrsi.2/geowrsi2\_set\_gcoords.F90

Generating dependencies for ../surfacemodels/land/geowrsi.2/geowrsi2\_readrst.F90

Generating dependencies for ../surfacemodels/land/geowrsi.2/geowrsi2\_readcrd.F90

Generating dependencies for ../surfacemodels/land/geowrsi.2/geowrsi2\_setup.F90

Generating dependencies for ../surfacemodels/land/geowrsi.2/geowrsi2\_writeSOS\_Bilfile.F90

Generating dependencies for ../surfacemodels/land/geowrsi.2/geowrsi2\_readSOS\_Bilfile.F90

Generating dependencies for ../surfacemodels/land/geowrsi.2/geowrsi2\_module.F90

Generating dependencies for ../surfacemodels/land/geowrsi.2/geowrsi2\_readInputSettings.F90

Generating dependencies for ../surfacemodels/land/geowrsi.2/geowrsi2\_physics\_module.F90

Generating dependencies for ../surfacemodels/land/geowrsi.2/geowrsi2\_main.F90

Generating dependencies for ../surfacemodels/land/geowrsi.2/geowrsi2\_finalize.F90

Generating dependencies for ../surfacemodels/land/geowrsi.2/geowrsi2\_lsmMod.F90

Generating dependencies for ../surfacemodels/land/geowrsi.2/geowrsi2\_f2t.F90

Generating dependencies for ../surfacemodels/land/geowrsi.2/geowrsi2\_arraymgmt\_module.F90

Generating dependencies for ../surfacemodels/land/geowrsi.2/geowrsi2\_dynsetup.F90

Generating dependencies for ../metforcing/geos5fcst/geos5fcst\_forcingMod.F90

Generating dependencies for ../metforcing/genEnsFcst/genEnsFcst\_SpatialInterpMod.F90

Generating dependencies for ../metforcing/gefs/gefs\_forcingMod.F90

Generating dependencies for ../metforcing/gdas/gdas\_reset\_interp\_input.F90

Generating dependencies for ../metforcing/genEnsFcst/genEnsFcst\_VariablesMod.F90

Generating dependencies for ../metforcing/genEnsFcst/genEnsFcst\_forcingMod.F90

Generating dependencies for ../metforcing/gdas/gdas\_forcingMod.F90

Generating dependencies for ../metforcing/gdasT1534/gdasT1534\_forcingMod.F90

Generating dependencies for ../interp/gausslat.F90

Generating dependencies for ../interp/gaussian\_routines.F90

Generating dependencies for ../interp/gaussian\_quadrature.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/func\_surf\_energy\_bal.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/func\_canopy\_energy\_bal.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/func\_atmos\_moist\_bal.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/func\_atmos\_energy\_bal.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/full\_energy.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/fsvp.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/frozen\_soil.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/free\_vegcon.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/free\_dist\_prcp.c

Generating dependencies for ../metforcing/cmorph/fmktime.c

Generating dependencies for ../metforcing/gswp2/finterp\_gswp2.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/find\_min\_tfactor.c

Generating dependencies for ../irrigation/flood/flood\_irrigationMod.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/finalize\_vic412.c

Generating dependencies for ../surfacemodels/land/vic.4.1.1/finalize\_vic411.c

Generating dependencies for ../metforcing/stg4/finalize\_stg4.F90

Generating dependencies for ../metforcing/stg2/finalize\_stg2.F90

Generating dependencies for ../runmodes/forecast/forecast\_runMod.F90

Generating dependencies for ../metforcing/snotel/finalize\_snotel.F90

Generating dependencies for ../metforcing/scan/finalize\_scan.F90

Generating dependencies for ../metforcing/princeton/finalize\_princeton.F90

Generating dependencies for ../metforcing/pptEnsFcst/finalize\_pptEnsFcst.F90

Generating dependencies for ../metforcing/pet\_usgs/finalize\_petusgs.F90

Generating dependencies for ../metforcing/narr/finalize\_narr.F90

Generating dependencies for ../metforcing/nldas2/finalize\_nldas2.F90

Generating dependencies for ../metforcing/nam242/finalize\_nam242.F90

Generating dependencies for ../metforcing/mrms/finalize\_mrms\_grib.F90

Generating dependencies for ../metforcing/templateMetForc/finalize\_metForcTemplate.F90

Generating dependencies for ../metforcing/genMetForc/finalize\_metForcGenerated.F90

Generating dependencies for ../metforcing/merra2/finalize\_merra2.F90

Generating dependencies for ../metforcing/imerg/finalize\_imerg.F90

Generating dependencies for ../metforcing/gswp2/finalize\_gswp2.F90

Generating dependencies for ../metforcing/gswp1/finalize\_gswp1.F90

Generating dependencies for ../metforcing/gldas/finalize\_gldas.F90

Generating dependencies for ../metforcing/gfs/finalize\_gfs.F90

Generating dependencies for ../metforcing/geos5fcst/finalize\_geos5fcst.F90

Generating dependencies for ../metforcing/genEnsFcst/finalize\_genEnsFcst.F90

Generating dependencies for ../metforcing/gefs/finalize\_gefs.F90

Generating dependencies for ../metforcing/gdasT1534/finalize\_gdasT1534.F90

Generating dependencies for ../metforcing/gdas/finalize\_gdas.F90

Generating dependencies for ../metforcing/era5/finalize\_era5.F90

Generating dependencies for ../metforcing/ecmwf/finalize\_ecmwf.F90

Generating dependencies for ../metforcing/cmorph/finalize\_cmorph.F90

Generating dependencies for ../metforcing/cmap/finalize\_cmap.F90

Generating dependencies for ../metforcing/climatology/finalize\_climatology.F90

Generating dependencies for ../metforcing/agrradps/finalize\_agrradps.F90

Generating dependencies for ../metforcing/chirps2/finalize\_chirps2.F90

Generating dependencies for ../metforcing/WRFout/finalize\_WRFout.F90

Generating dependencies for ../metforcing/3B42V7/finalize\_TRMM3B42V7.F90

Generating dependencies for ../metforcing/3B42V6/finalize\_TRMM3B42V6.F90

Generating dependencies for ../metforcing/3B42RT/finalize\_TRMM3B42RT.F90

Generating dependencies for ../metforcing/3B42RTV7/finalize\_TRMM3B42RTV7.F90

Generating dependencies for ../metforcing/RFE2gdas/finalize\_RFE2gdas.F90

Generating dependencies for ../metforcing/RFE2Daily/finalize\_RFE2Daily.F90

Generating dependencies for ../metforcing/Loobos/finalize\_Loobos.F90

Generating dependencies for ../metforcing/HiMAT\_GMU/finalize\_HiMATGMU.F90

Generating dependencies for ../metforcing/PALSmetdata/finalize\_PALSmetdata.F90

Generating dependencies for ../metforcing/AWRAL/finalize\_AWRAL.F90

Generating dependencies for ../metforcing/Bondville/finalize\_Bondville.F90

Generating dependencies for ../metforcing/gswp2/fillgaps\_gswp2.F90

Generating dependencies for ../metforcing/AWAP/finalize\_AWAP.F90

Generating dependencies for ../interp/ezlh\_inverse.F90

Generating dependencies for ../interp/ezlh\_convert.F90

Generating dependencies for ../core/fbil\_module.F90

Generating dependencies for ../metforcing/gldas/fillgaps\_gldas.F90

Generating dependencies for ../dataassim/algorithm/ensrf/ensrf\_types.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/estimate\_T1.c

Generating dependencies for ../metforcing/era5/era5\_forcingMod.F90

Generating dependencies for ../dataassim/algorithm/enksgrace/enks\_types.F90

Generating dependencies for ../dataassim/algorithm/ensrf/ensrf\_general.F90

Generating dependencies for ../dataassim/algorithm/enksgrace/enks\_matrix\_functions.F90

Generating dependencies for ../dataassim/algorithm/ensrf/ensrf\_Mod.F90

Generating dependencies for ../dataassim/algorithm/enksgrace/enks\_lu\_decomp.F90

Generating dependencies for ../dataassim/algorithm/enkf/enkf\_types.F90

Generating dependencies for ../dataassim/algorithm/enksgrace/enks\_general.F90

Generating dependencies for ../dataassim/algorithm/ekf/ekf\_Mod.F90

Generating dependencies for ../dataassim/algorithm/enkf/enkf\_general.F90

Generating dependencies for ../metforcing/ecmwf/ecmwf\_forcingMod.F90

Generating dependencies for ../interp/easeV2\_utils.F90

Generating dependencies for ../irrigation/drip/drip\_irrigationMod.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/dist\_prec.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/display\_current\_settings.c

Generating dependencies for ../dataassim/algorithm/di/directInsertion\_Mod.F90

Generating dependencies for ../dataassim/algorithm/enksgrace/enksgrace\_Mod.F90

Generating dependencies for ../interp/diff\_lon.F90

Generating dependencies for ../dataassim/algorithm/enkf/enkf\_Mod.F90

Generating dependencies for ../interp/defineLocalDomain.F90

Generating dependencies for ../metforcing/gfs/create\_gfsfilename.F90

Generating dependencies for ../metforcing/nam242/create\_nam242filename.F90

Generating dependencies for ../metforcing/nam242/create\_nam242f9\_filename.F90

Generating dependencies for ../metforcing/gfs/create\_gfs\_f0backup\_filename.F90

Generating dependencies for ../metforcing/gdas/create\_gdasf9\_filename.F90

Generating dependencies for ../metforcing/gdas/create\_gdasfilename.F90

Generating dependencies for ../metforcing/gdasT1534/create\_gdasT1534filename.F90

Generating dependencies for ../interp/conserv\_interp\_input\_withgrid.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/correct\_precip.c

Generating dependencies for ../dataassim/obs/SMAP\_NRTsm/create\_filelist.c

Generating dependencies for ../interp/conserv\_interp\_input.F90

Generating dependencies for ../interp/conserv\_interp.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/compute\_zwt.c

Generating dependencies for ../interp/compute\_vinterp\_weights.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/compute\_treeline.c

Generating dependencies for ../interp/compute\_stnwts.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/compute\_pot\_evap.c

Generating dependencies for ../interp/compute\_grid\_coord\_merc.F90

Generating dependencies for ../interp/compute\_grid\_coord\_polar.F90

Generating dependencies for ../interp/compute\_grid\_coord\_latlon.F90

Generating dependencies for ../interp/compute\_grid\_coord\_lambert.F90

Generating dependencies for ../interp/compute\_grid\_coord\_hrap.F90

Generating dependencies for ../interp/compute\_grid\_coord\_gauss.F90

Generating dependencies for ../interp/compute\_grid\_coord.F90

Generating dependencies for ../interp/compute\_earth\_coord\_polar.F90

Generating dependencies for ../interp/compute\_earth\_coord\_merc.F90

Generating dependencies for ../interp/compute\_earth\_coord\_ll.F90

Generating dependencies for ../interp/compute\_earth\_coord\_latlon\_ll.F90

Generating dependencies for ../interp/compute\_earth\_coord\_latlon.F90

Generating dependencies for ../interp/compute\_earth\_coord\_lambert.F90

Generating dependencies for ../interp/compute\_grid\_coord\_ease.F90

Generating dependencies for ../interp/compute\_earth\_coord\_hrap.F90

Generating dependencies for ../interp/compute\_earth\_coord\_gauss.F90

Generating dependencies for ../interp/compute\_earth\_coord.F90

Generating dependencies for ../interp/compute\_earth\_coord\_UTM.F90

Generating dependencies for ../interp/compute\_earth\_coord\_ease.F90

Generating dependencies for ../optUE/type/paramestim/objfunc/LL/computeLLestimate.F90

Generating dependencies for ../optUE/type/paramestim/objfunc/LM/computeLMestimate.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/compress\_files.c

Generating dependencies for ../optUE/type/paramestim/objfunc/P/computePestimate.F90

Generating dependencies for ../metforcing/cmorph/cmorph\_forcingMod.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/cmd\_proc.c

Generating dependencies for ../metforcing/cmap/cmap\_forcingMod.F90

Generating dependencies for ../metforcing/cmap/cmap\_reset\_interp\_input.F90

Generating dependencies for ../metforcing/cmorph/cm\_readzipf.c

Generating dependencies for ../optUE/type/paramestim/objfunc/LS/computeLSestimate.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_wrtswe.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_write\_soilm.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_write\_tws.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_updatesoilm.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_updatesnowvars.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_update\_tws.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_tws\_DAlogMod.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_types.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_writerst.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_soilm\_DAlog.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_snow\_DAlog.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_sibalb\_coeff.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_settws.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_setup.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_surfacelayer.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_setsnowvars.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_setsoilm.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_scale\_tws.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_scale\_snow.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_scale\_soilm.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_reset.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_turb.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_relayer\_snow.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_readrst.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_readcrd.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_qctws.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_qcsoilm.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_qcsnow.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_qc\_twsobs.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_qc\_soilmobs.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_qc\_snowobs.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_pmonth\_stage4.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_modis\_alb\_types.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_model.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_gettws.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_gettwspred.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_getsoilm.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_getsnwdpred.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_lsmMod.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_getsnowvars.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_getsmpred.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/routing/clsmf25\_getrunoffs\_mm.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/routing/clsmf25\_getrunoffs\_hymap2.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/irrigation/clsmf25\_getirrigationstates.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/routing/clsmf25\_getrunoffs.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_finalize.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_f2t.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_main.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_esat\_qsat.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_dynsetup.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_drv\_types.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_descale\_tws.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_diagn\_routines.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_descale\_soilm.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_descale\_snow.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_datws\_Mod.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_dasoilm\_Mod.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_dasnow\_Mod.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_constants.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_MAPL\_constants.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_compute\_land\_parameters.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/close\_files.c

Generating dependencies for ../surfacemodels/land/clm2/clm2type.F90

Generating dependencies for ../surfacemodels/land/clm2/clm2\_writerestart.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_soilm/clm2\_write\_soilm.F90

Generating dependencies for ../surfacemodels/land/clm2/cpl\_wrf\_noesmf/clm2\_wrf\_f2t.F90

Generating dependencies for ../surfacemodels/land/clm2/main/clm2\_varsur.F90

Generating dependencies for ../surfacemodels/land/clm2/main/clm2\_varpar.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_soilm/clm2\_updatesoilm.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_snow/clm2\_updatesnowvars.F90

Generating dependencies for ../surfacemodels/land/clm2/main/clm2\_varcon.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_snow/clm2\_transform\_obssca.F90

Generating dependencies for ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_vmath\_fwrap.c

Generating dependencies for ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_vmath\_mod.F90

Generating dependencies for ../surfacemodels/land/clsm.f2.5/clsmf25\_DragCoefficientsMod.F90

Generating dependencies for ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_sys\_mod.F90

Generating dependencies for ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_kind\_mod.F90

Generating dependencies for ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_timer\_mod.F90

Generating dependencies for ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_orb\_mod.F90

Generating dependencies for ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_msg\_mod.F90

Generating dependencies for ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_const\_mod.F90

Generating dependencies for ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_file\_mod.F90

Generating dependencies for ../surfacemodels/land/clm2/cpl\_wrf\_noesmf/clm2\_setwrfexport.F90

Generating dependencies for ../surfacemodels/land/clm2/clm2\_setup.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_soilm/clm2\_setsoilm.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_snow/clm2\_setsnowvars.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_lst/clm2\_setlst.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_soilm/clm2\_scale\_soilm.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_lst/clm2\_scale\_lst.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_snow/clm2\_scale\_snow.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_soilm/clm2\_qcsoilm.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_snow/clm2\_qcsnow.F90

Generating dependencies for ../surfacemodels/land/clm2/clm2\_readrestart.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_lst/clm2\_qclst.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_snow/clm2\_qc\_snowobs.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_snow/clm2\_map\_sca.F90

Generating dependencies for ../surfacemodels/land/clm2/clm2\_lairead.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_soilm/clm2\_getsynsmpred.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_lst/clm2\_getsynlstpred.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_snow/clm2\_getswepred.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_soilm/clm2\_getsoilm.F90

Generating dependencies for ../surfacemodels/land/clm2/clm2\_lsmMod.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_snow/clm2\_getsnwdpred.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_snow/clm2\_getsnowvars.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_lst/clm2\_getlst.F90

Generating dependencies for ../surfacemodels/land/clm2/clm2\_finalize.F90

Generating dependencies for ../surfacemodels/land/clm2/clm2\_dynsetup.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_soilm/clm2\_descale\_soilm.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_snow/clm2\_descale\_snow.F90

Generating dependencies for ../surfacemodels/land/clm2/da\_lst/clm2\_descale\_lst.F90

Generating dependencies for ../surfacemodels/land/clm2/main/clm2\_areaMod.F90

Generating dependencies for ../surfacemodels/land/clm2/main/clm2\_atmdrvMod.F90

Generating dependencies for ../metforcing/climatology/climatology\_VariablesMod.F90

Generating dependencies for ../metforcing/climatology/climatology\_SpatialInterpMod.F90

Generating dependencies for ../metforcing/climatology/climatology\_forcingMod.F90

Generating dependencies for ../metforcing/chirps2/chirps2\_forcingMod.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/check\_state\_file.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/check\_files.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/canopy\_evap.c

Generating dependencies for ../surfacemodels/land/clm2/canhtset.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/calc\_water\_energy\_balance\_errors.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/calc\_veg\_params.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/calc\_surf\_energy\_bal.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/calc\_snow\_coverage.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/calc\_root\_fraction.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/calc\_rainonly.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/calc\_longwave.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/calc\_forcing\_stats.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/calc\_atmos\_energy\_bal.c

Generating dependencies for ../surfacemodels/land/clm2/clm2\_main.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/calc\_air\_temperature.c

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_types.f90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_soilsnow.f90

Generating dependencies for ../surfacemodels/land/cable/cpl\_wrf\_noesmf/cable\_wrf\_f2t.F90

Generating dependencies for ../surfacemodels/land/cable/cable\_writerst.F90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_sli\_roots.f90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_sli\_solve.f90

Generating dependencies for ../surfacemodels/land/clm2/main/clm2\_accumulMod.F90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_sli\_numbers.f90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_sli\_utils.f90

Generating dependencies for ../surfacemodels/land/cable/cable\_setvegparms.F90

Generating dependencies for ../surfacemodels/land/cable/cpl\_wrf\_noesmf/cable\_setwrfexport.F90

Generating dependencies for ../surfacemodels/land/cable/cable\_setsoilparms.F90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_roughness.f90

Generating dependencies for ../surfacemodels/land/cable/cable\_readcrd.F90

Generating dependencies for ../surfacemodels/land/cable/cable\_readrst.F90

Generating dependencies for ../surfacemodels/land/cable/cable\_setup.F90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_sli\_main.f90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_physical\_constants.f90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_other\_constants.f90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_photosynthetic\_constants.f90

Generating dependencies for ../surfacemodels/land/cable/cable\_module.F90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_math\_constants.f90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_radiation.f90

Generating dependencies for ../surfacemodels/land/cable/cable\_listime.F90

Generating dependencies for ../surfacemodels/land/cable/cable\_finalize.F90

Generating dependencies for ../surfacemodels/land/cable/cable\_f2t.F90

Generating dependencies for ../surfacemodels/land/cable/cable\_lsmMod.F90

Generating dependencies for ../surfacemodels/land/cable/cable\_dynsetup.F90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_dimensions.f90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_main\_module.f90

Generating dependencies for ../surfacemodels/land/cable/cable\_coldstart.F90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_carbon.f90

Generating dependencies for ../surfacemodels/land/cable/cable\_driver.F90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_arrays.f90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_canopy.f90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_air.f90

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_albedo.f90

Generating dependencies for ../interp/bilinear\_interp\_input\_withgrid.F90

Generating dependencies for ../interp/bilinear\_interp.F90

Generating dependencies for ../interp/bilinear\_interp\_input.F90

Generating dependencies for ../surfacemodels/land/awral.6.0.0/physics/awral.c

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/arno\_evap.c

Generating dependencies for ../surfacemodels/land/cable/physics/cable\_canopy\_vh.f90

Generating dependencies for ../surfacemodels/land/cable/physics/allocate\_cable\_vars.f90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/alloc\_atmos.c

Generating dependencies for ../metforcing/agrradps/agrradps\_forcingMod.F90

Generating dependencies for ../metforcing/agrradps/agrradps\_filenames.F90

Generating dependencies for ../metforcing/agrradps/agrlwdn.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/advected\_sensible\_heat.c

Generating dependencies for ../interp/breakpt\_module.F90

Generating dependencies for ../runmodes/agrmetmode/agrmet\_runMod.F90

Generating dependencies for ../metforcing/WRFout/WRFout\_forcingMod.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/WetIceHydrology.F90

Generating dependencies for ../params/gfrac/VIIRSDaily/VIIRSgfracMod.F90

Generating dependencies for ../interp/UTM\_utils.F90

Generating dependencies for ../optUE/type/paramestim/obs/USDA\_ARSsm/USDA\_ARSsm\_obsMod.F90

Generating dependencies for ../dataassim/obs/USAFSI/USAFSIobs\_Mod.F90

Generating dependencies for ../optUE/type/paramestim/obs/UAsnow/UAsnow\_obsMod.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/TwoStream.F90

Generating dependencies for ../surfacemodels/land/clm2/ecosysdyn/Turnover.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/Tridiagonal.F90

Generating dependencies for ../rtms/TauOmegaRTM/TauOmegaRTM\_Mod.F90

Generating dependencies for ../metforcing/3B42V6/TRMM3B42V6\_forcingMod.F90

Generating dependencies for ../metforcing/3B42V7/TRMM3B42V7\_forcingMod.F90

Generating dependencies for ../metforcing/3B42RT/TRMM3B42RT\_forcingMod.F90

Generating dependencies for ../metforcing/3B42RTV7/TRMM3B42RTV7\_forcingMod.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/SurfaceRunoff.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/SurfaceRadiation.F90

Generating dependencies for ../surfacemodels/land/clm2/ecosysdyn/accumDGVM.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/SurfaceAlbedo.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/StabilityFunc.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/Stomata.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/StabilityCorrection.c

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/SoilWater.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/SoilThermProp.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/SoilTemperature.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/SoilAlbedo.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/SnowWater.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/SnowPackEnergyBalance.c

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/SnowCompaction.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/SnowAlbedo.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/SnowAge.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/SensibleHCond.F90

Generating dependencies for ../apps/landslide/TRIGRS/TRIGRSMod.F90

Generating dependencies for ../dataassim/obs/SSMI\_SNWD/SSMISNWDsnow\_Mod.F90

Generating dependencies for ../params/gfrac/SPORTDaily/SPORTgfracMod.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/SOIL\_VEG\_GEN\_PARM\_36.F90

Generating dependencies for ../dataassim/obs/SNODEP/SNODEPobs\_Mod.F90

Generating dependencies for ../optUE/algorithm/SCEUA/ShuffledComplexEvolution.F90

Generating dependencies for ../dataassim/obs/SMMR\_SNWD/SMMRSNWDsnow\_Mod.F90

Generating dependencies for ../dataassim/obs/SMOS\_NESDIS/SMOSNESDISsm\_Mod.F90

Generating dependencies for ../optUE/type/paramestim/obs/SMAPsm/SMAPsm\_obsMod.F90

Generating dependencies for ../optUE/algorithm/SCEUA/SCEUA\_varctl.F90

Generating dependencies for ../surfacemodels/land/clm2/ecosysdyn/Reproduction.F90

Generating dependencies for ../optUE/algorithm/RWMCMC/RWMCMC\_varctl.F90

Generating dependencies for ../dataassim/obs/SMOPS\_ASCATsm/SMOPS\_ASCATsm\_Mod.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/RUC37\_writerst.F90

Generating dependencies for ../dataassim/obs/SMAP\_NRTsm/SMAPNRTsm\_Mod.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/RUC37\_setup.F90

Generating dependencies for ../optUE/algorithm/RWMCMC/RWMCMCAlgorithm.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/RUC37\_readrst.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/RUC37\_module.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/RUC37\_readcrd.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/RUC37\_finalize.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/RUC37\_lsmMod.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/RUC37\_f2t.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/RUC37\_main.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/RUC37\_dynsetup.F90

Generating dependencies for ../surfacemodels/land/ruc.3.7/RUC37\_coldstart.F90

Generating dependencies for ../metforcing/RFE2gdas/RFE2gdas\_forcingMod.F90

Generating dependencies for ../metforcing/RFE2Daily/RFE2Daily\_forcingMod.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/QSatclm.F90

Generating dependencies for ../runmodes/RTMforward/RTMforward\_runMod.F90

Generating dependencies for ../optUE/type/paramestim/objfunc/P/PobjFunc\_Mod.F90

Generating dependencies for ../surfacemodels/land/clm2/ecosysdyn/Phenology.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/PhaseChange.F90

Generating dependencies for ../metforcing/PALSmetdata/PALSmetdata\_forcingMod.F90

Generating dependencies for ../dataassim/obs/PMW\_snow/PMW\_snow\_Mod.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_writerst.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/pe/obspred/UAsnow/NoahMP401\_setupobspred\_UAsnowobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_reset.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_readrst.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_readcrd.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/pe/NoahMP401\_set\_pedecvars.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_read\_OPT\_parameters.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/pe/NoahMP401\_peMod.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_module.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_setup.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_main.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/pe/obspred/UAsnow/NoahMP401\_getpeobspred\_UAsnowobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_finalize.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_f2t.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_lsmMod.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_dynsetup.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/pe/obspred/SMAPsm/NoahMP36\_setupobspred\_SMAPsmobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/NoahMP36\_writerst.F90

Generating dependencies for ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_coldstart.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/pe/obspred/ISMNsm/NoahMP36\_setupobspred\_ISMNsmobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/pe/obspred/ARSsm/NoahMP36\_setupobspred\_ARSsmobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/NoahMP36\_setup.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/NoahMP36\_reset.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/NoahMP36\_readrst.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/NoahMP36\_readcrd.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/NoahMP36\_module.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/pe/NoahMP36\_peMod.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/pe/NoahMP36\_set\_pedecvars.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/NoahMP36\_main.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/pe/obspred/SMAPsm/NoahMP36\_getpeobspred\_SMAPsmobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/pe/obspred/ISMNsm/NoahMP36\_getpeobspred\_ISMNsmobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/NoahMP36\_finalize.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/pe/obspred/ARSsm/NoahMP36\_getpeobspred\_ARSsmobs.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/NoahMP36\_f2t.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/NoahMP36\_lsmMod.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/NoahMP36\_dynsetup.F90

Generating dependencies for ../surfacemodels/land/noahmp.3.6/NoahMP36\_coldstart.F90

Generating dependencies for ../routing/NLDAS\_router/NLDAS\_routing\_run.F90

Generating dependencies for ../routing/NLDAS\_router/NLDAS\_routing\_writerst.F90

Generating dependencies for ../routing/NLDAS\_router/NLDAS\_routing\_readrst.F90

Generating dependencies for ../routing/NLDAS\_router/NLDAS\_routingMod.F90

Generating dependencies for ../routing/NLDAS\_router/NLDAS\_routing\_output.F90

Generating dependencies for ../surfacemodels/land/clm2/ecosysdyn/Mortality.F90

Generating dependencies for ../dataassim/obs/NASA\_SMAPsm/NASASMAPsm\_Mod.F90

Generating dependencies for ../optUE/type/paramestim/obs/Macon\_LS\_data/MaconLSDataMod.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/MoninObukIni.F90

Generating dependencies for ../dataassim/obs/NASA\_SMAPvod/NASASMAPvod\_Mod.F90

Generating dependencies for ../optUE/algorithm/MCSIM/MCSIM\_varctl.F90

Generating dependencies for ../metforcing/Loobos/Loobos\_forcingMod.F90

Generating dependencies for ../surfacemodels/land/clm2/ecosysdyn/LitterSOM.F90

Generating dependencies for ../dataassim/obs/MODIS\_SPORT\_LAI/MODISsportLAI\_Mod.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/LatentHCond.F90

Generating dependencies for ../optUE/algorithm/MCSIM/MCSIMAlgorithm.F90

Generating dependencies for ../optUE/type/paramestim/objfunc/LS/LSobjFunc\_Mod.F90

Generating dependencies for ../optUE/algorithm/LM/LevenbergMarquardt.F90

Generating dependencies for ../optUE/type/paramestim/obs/LPRM\_AMSREsm/LPRM\_AMSREsm\_obsMod.F90

Generating dependencies for ../optUE/type/paramestim/objfunc/LM/LMobjFunc\_Mod.F90

Generating dependencies for ../optUE/algorithm/LM/LM\_varctl.F90

Generating dependencies for ../optUE/type/paramestim/objfunc/LL/LLobjFunc\_Mod.F90

Generating dependencies for ../routing/HYMAP2\_router/runoffdata/LISoutput/LISrunoffdataMod.F90

Generating dependencies for ../surfacemodels/land/clm2/main/atm\_lndMod.F90

Generating dependencies for ../dataassim/obs/LPRM\_AMSREsm/LPRM\_AMSREsm\_Mod.F90

Generating dependencies for ../core/LIS\_topoMod.F90

Generating dependencies for ../core/LIS\_timeMgrMod.F90

Generating dependencies for ../core/LIS\_surfaceModelDataMod.F90

Generating dependencies for ../core/LIS\_tbotAdjustMod.F90

Generating dependencies for ../core/LIS\_vegDataMod.F90

Generating dependencies for ../core/LIS\_spatialDownscalingMod.F90

Generating dependencies for ../core/LIS\_soilsMod.F90

Generating dependencies for ../core/LIS\_snowMod.F90

Generating dependencies for ../core/LIS\_runoffdata\_FTable.c

Generating dependencies for ../core/LIS\_runmode\_FTable.c

Generating dependencies for ../plugins/LIS\_routingda\_pluginMod.F90

Generating dependencies for ../core/LIS\_surfaceModelMod.F90

Generating dependencies for ../core/LIS\_routing\_FTable.c

Generating dependencies for ../plugins/LIS\_runmode\_pluginMod.F90

Generating dependencies for ../core/LIS\_roughness\_FTable.c

Generating dependencies for ../core/LIS\_readPEDecSpaceAttributes.F90

Generating dependencies for ../core/LIS\_readDAObsAttributes.F90

Generating dependencies for ../core/LIS\_routingMod.F90

Generating dependencies for ../plugins/LIS\_routing\_pluginMod.F90

Generating dependencies for ../core/LIS\_readConfig.F90

Generating dependencies for ../core/LIS\_ran2\_gasdev.F90

Generating dependencies for ../core/LIS\_precisionMod.F90

Generating dependencies for ../plugins/LIS\_pluginIndices.F90

Generating dependencies for ../core/LIS\_perturb\_FTable.c

Generating dependencies for ../core/LIS\_perturbMod.F90

Generating dependencies for ../core/LIS\_paramsMod.F90

Generating dependencies for ../plugins/LIS\_param\_pluginMod.F90

Generating dependencies for ../plugins/LIS\_perturb\_pluginMod.F90

Generating dependencies for ../core/LIS\_optUE\_FTable.c

Generating dependencies for ../core/LIS\_optUEMod.F90

Generating dependencies for ../core/LIS\_process\_cmd\_args.F90

Generating dependencies for ../plugins/LIS\_openwatermodel\_pluginMod.F90

Generating dependencies for ../core/LIS\_openwater\_FTable.c

Generating dependencies for ../core/LIS\_numerRecipesMod.F90

Generating dependencies for ../core/LIS\_mpiMod.F90

Generating dependencies for ../core/LIS\_mpDecomp.c

Generating dependencies for ../core/LIS\_microMetCorrection.F90

Generating dependencies for ../core/LIS\_openwatermodelMod.F90

Generating dependencies for ../core/LIS\_metforcing\_FTable.c

Generating dependencies for ../plugins/LIS\_optUEAlgorithm\_pluginMod.F90

Generating dependencies for ../core/LIS\_metforcingMod.F90

Generating dependencies for ../core/LIS\_mapSurfaceModelType.F90

Generating dependencies for ../core/LIS\_memory\_managementC.c

Generating dependencies for ../core/LIS\_mapSoilType.F90

Generating dependencies for ../plugins/LIS\_lsmrtm\_pluginMod.F90

Generating dependencies for ../plugins/LIS\_lsmrouting\_pluginMod.F90

Generating dependencies for ../plugins/LIS\_lsmirrigation\_pluginMod.F90

Generating dependencies for ../plugins/LIS\_lsmoptue\_pluginMod.F90

Generating dependencies for ../plugins/LIS\_lsmcpl\_pluginMod.F90

Generating dependencies for ../plugins/LIS\_runoffdata\_pluginMod.F90

Generating dependencies for ../core/LIS\_lsm\_FTable.c

Generating dependencies for ../core/LIS\_lsmMod.F90

Generating dependencies for ../core/LIS\_log\_msgC.c

Generating dependencies for ../core/LIS\_logMod.F90

Generating dependencies for ../plugins/LIS\_landslidemodel\_pluginMod.F90

Generating dependencies for ../core/LIS\_landslide\_FTable.c

Generating dependencies for ../core/LIS\_landslideMod.F90

Generating dependencies for ../plugins/LIS\_lakemodel\_pluginMod.F90

Generating dependencies for ../core/LIS\_lakemodel\_FTable.c

Generating dependencies for ../core/LIS\_lakemodelMod.F90

Generating dependencies for ../core/LIS\_laisai\_FTable.c

Generating dependencies for ../plugins/LIS\_irrigationmodel\_pluginMod.F90

Generating dependencies for ../core/LIS\_irrigation\_FTable.c

Generating dependencies for ../core/LIS\_irrigationMod.F90

Generating dependencies for ../plugins/LIS\_lsm\_pluginMod.F90

Generating dependencies for ../core/LIS\_historyMod.F90

Generating dependencies for ../core/LIS\_histDataMod.F90

Generating dependencies for ../core/LIS\_gswpMod.F90

Generating dependencies for ../core/LIS\_gridmappingMod.F90

Generating dependencies for ../plugins/LIS\_glacierrouting\_pluginMod.F90

Generating dependencies for ../plugins/LIS\_glaciermodel\_pluginMod.F90

Generating dependencies for ../core/LIS\_glaciermodel\_FTable.c

Generating dependencies for ../core/LIS\_glacierModelMod.F90

Generating dependencies for ../core/LIS\_gfrac\_FTable.c

Generating dependencies for ../core/LIS\_forecastMod.F90

Generating dependencies for ../core/LIS\_initialize\_registries.F90

Generating dependencies for ../core/LIS\_forecastAlg\_FTable.c

Generating dependencies for ../plugins/LIS\_forecastAlg\_pluginMod.F90

Generating dependencies for ../core/LIS\_emiss\_FTable.c

Generating dependencies for ../core/LIS\_fileIOMod.F90

Generating dependencies for ../core/LIS\_emissMod.F90

Generating dependencies for ../core/LIS\_domain\_FTable.c

Generating dependencies for ../core/LIS\_domainMod.F90

Generating dependencies for ../core/LIS\_dataassim\_FTable.c

Generating dependencies for ../core/LIS\_dataAssimMod.F90

Generating dependencies for ../core/LIS\_create\_subdirs.c

Generating dependencies for ../plugins/LIS\_dataassim\_pluginMod.F90

Generating dependencies for ../core/LIS\_coreMod.F90

Generating dependencies for ../core/LIS\_constantsMod.F90

Generating dependencies for ../core/LIS\_biasestim\_FTable.c

Generating dependencies for ../plugins/LIS\_biasEstimation\_pluginMod.F90

Generating dependencies for ../core/LIS\_albedoMod.F90

Generating dependencies for ../core/LIS\_alb\_FTable.c

Generating dependencies for ../core/LIS\_appMod.F90

Generating dependencies for ../core/LIS\_XMRG\_Reader.F90

Generating dependencies for ../core/LIS\_String\_Utility.F90

Generating dependencies for ../plugins/LIS\_RTM\_pluginMod.F90

Generating dependencies for ../core/LIS\_RTM\_FTable.c

Generating dependencies for ../core/LIS\_RTMMod.F90

Generating dependencies for ../core/LIS\_PRIV\_tileMod.F90

Generating dependencies for ../core/LIS\_PRIV\_rcMod.F90

Generating dependencies for ../plugins/LIS\_lsmda\_pluginMod.F90

Generating dependencies for ../core/LIS\_PRIV\_gridMod.F90

Generating dependencies for ../core/LIS\_PE\_HandlerMod.F90

Generating dependencies for ../plugins/LIS\_RTMoptue\_pluginMod.F90

Generating dependencies for ../core/LIS\_LMLCMod.F90

Generating dependencies for ../plugins/LIS\_ObjFunc\_pluginMod.F90

Generating dependencies for ../core/LIS\_FORC\_AttributesMod.F90

Generating dependencies for ../core/LIS\_DAobservationsMod.F90

Generating dependencies for ../runmodes/wrf\_cpl\_mode/LISWRFimport\_module.F90

Generating dependencies for ../runmodes/wrf\_cpl\_mode/LISWRFexport\_module.F90

Generating dependencies for ../runmodes/wrf\_cpl\_mode/LISWRFGridCompMod.F90

Generating dependencies for ../surfacemodels/land/clm2/ecosysdyn/Kill.F90

Generating dependencies for ../plugins/LIS\_PEobs\_pluginMod.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/Infiltration.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/IceEnergyBalance.c

Generating dependencies for ../optUE/type/paramestim/obs/ISCCP\_Tskin/ISCCP\_Tskinobs\_module.F90

Generating dependencies for ../optUE/type/paramestim/obs/ISMNsm/ISMNsm\_obsMod.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/Hydrology\_Lake.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/Hydrology2.F90

Generating dependencies for ../plugins/LIS\_metforcing\_pluginMod.F90

Generating dependencies for ../metforcing/HiMAT\_GMU/HiMATGMUfile.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/Hydrology1.F90

Generating dependencies for ../metforcing/HiMAT\_GMU/HiMATGMU\_forcingMod.F90

Generating dependencies for ../routing/HYMAP2\_router/da\_WL/HYMAP2\_write\_WL.F90

Generating dependencies for ../routing/HYMAP2\_router/da\_WL/HYMAP2\_updateWL.F90

Generating dependencies for ../routing/HYMAP2\_router/da\_WL/HYMAP2\_scale\_WL.F90

Generating dependencies for ../routing/HYMAP2\_router/da\_WL/HYMAP2\_setWL.F90

Generating dependencies for ../routing/HYMAP2\_router/da\_WL/HYMAP2\_setPertStates.F90

Generating dependencies for ../routing/HYMAP2\_router/HYMAP2\_routing\_readrst.F90

Generating dependencies for ../routing/HYMAP2\_router/HYMAP2\_routing\_writerst.F90

Generating dependencies for ../routing/HYMAP2\_router/HYMAP2\_routing\_output.F90

Generating dependencies for ../routing/HYMAP2\_router/HYMAP2\_routing\_run.F90

Generating dependencies for ../routing/HYMAP2\_router/HYMAP2\_resopMod.F90

Generating dependencies for ../routing/HYMAP2\_router/HYMAP2\_routingMod.F90

Generating dependencies for ../routing/HYMAP2\_router/da\_WL/HYMAP2\_qcWL.F90

Generating dependencies for ../routing/HYMAP2\_router/da\_WL/HYMAP2\_qc\_WLobs.F90

Generating dependencies for ../routing/HYMAP2\_router/HYMAP2\_modelMod.F90

Generating dependencies for ../routing/HYMAP2\_router/HYMAP2\_model.F90

Generating dependencies for ../routing/HYMAP2\_router/HYMAP2\_initMod.F90

Generating dependencies for ../routing/HYMAP2\_router/da\_WL/HYMAP2\_getWLpred.F90

Generating dependencies for ../routing/HYMAP2\_router/da\_WL/HYMAP2\_getWL.F90

Generating dependencies for ../routing/HYMAP2\_router/HYMAP2\_model\_core.F90

Generating dependencies for ../routing/HYMAP2\_router/HYMAP2\_evapMod.F90

Generating dependencies for ../routing/HYMAP2\_router/da\_WL/HYMAP2\_getStateSpaceSize.F90

Generating dependencies for ../routing/HYMAP2\_router/da\_WL/HYMAP2\_descale\_WL.F90

Generating dependencies for ../optUE/type/paramestim/obs/Global\_LS\_data/GlobalLSDataMod.F90

Generating dependencies for ../routing/HYMAP2\_router/da\_WL/HYMAP2\_daWL\_Mod.F90

Generating dependencies for ../apps/landslide/GLS/pe\_raint/GLS\_setupobspred\_raint.F90

Generating dependencies for ../dataassim/obs/GRACE/GRACEobs\_module.F90

Generating dependencies for ../apps/landslide/GLS/pe\_raint/GLS\_setdec\_raint.F90

Generating dependencies for ../apps/landslide/GLS/pe\_raint/GLS\_qcdec\_raint.F90

Generating dependencies for ../apps/landslide/GLS/pe\_raint/GLS\_param\_reset.F90

Generating dependencies for ../apps/landslide/GLS/pe\_raint/GLS\_getpeobspred\_raint.F90

Generating dependencies for ../optUE/algorithm/GA/GeneticAlgorithm.F90

Generating dependencies for ../apps/landslide/GLS/GLSMod.F90

Generating dependencies for ../dataassim/obs/GCOMW\_AMSR2L3SND/GCOMW\_AMSR2L3SND\_Mod.F90

Generating dependencies for ../optUE/algorithm/GA/GA\_varctl.F90

Generating dependencies for ../dataassim/obs/GLASS\_LAI/GLASSlai\_Mod.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/FrictionVelocity.F90

Generating dependencies for ../dataassim/obs/GLASS\_Albedo/GLASSalbedo\_Mod.F90

Generating dependencies for ../surfacemodels/land/clm2/ecosysdyn/FireSeason.F90

Generating dependencies for ../surfacemodels/land/clm2/ecosysdyn/Fire.F90

Generating dependencies for ../core/FTable.c

Generating dependencies for ../optUE/type/paramestim/obs/FLUXNET/FLUXNETdata\_module.F90

Generating dependencies for ../optUE/type/paramestim/obs/EmptyObs/Empty\_obsMod.F90

Generating dependencies for ../optUE/algorithm/ES/ES\_varctl.F90

Generating dependencies for ../forecast/algorithm/ESPconv/ESPconv\_Mod.F90

Generating dependencies for ../optUE/algorithm/ES/EnumeratedSearch.F90

Generating dependencies for ../forecast/algorithm/ESPboot/ESPboot\_Mod.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/Drainage.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/DivideSnowLayers.F90

Generating dependencies for ../dataassim/obs/ESACCI\_sm/ESACCI\_sm\_Mod.F90

Generating dependencies for ../optUE/algorithm/DEMCz/DEMCz\_varctl.F90

Generating dependencies for ../optUE/algorithm/DEMC/DEMC\_varctl.F90

Generating dependencies for ../optUE/algorithm/DEMCz/DEMCzAlgorithm.F90

Generating dependencies for ../surfacemodels/land/clm2/ecosysdyn/EcosystemDyn.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/Combo.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/CombineSnowLayers.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/CanopyFluxes.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/CalcBlowingSnow.c

Generating dependencies for ../optUE/algorithm/DEMC/DEMCAlgorithm.F90

Generating dependencies for ../surfacemodels/land/vic.4.1.2.l/physics/CalcAerodynamic.c

Generating dependencies for ../rtms/CRTM2EM/pe/obspred/CNRS/CRTM2EM\_setupobspred\_CNRS.F90

Generating dependencies for ../rtms/CRTM2EM/pe/obspred/AMSRE\_SR/CRTM2EM\_setupobspred\_AMSRE\_SR.F90

Generating dependencies for ../rtms/CRTM2EM/pe/CRTM2EM\_peMod.F90

Generating dependencies for ../rtms/CRTM2EM/pe/obspred/CNRS/CRTM2EM\_getpeobspred\_CNRS\_MPDI.F90

Generating dependencies for ../rtms/CRTM2EM/pe/obspred/CNRS/CRTM2EM\_getpeobspred\_CNRS.F90

Generating dependencies for ../rtms/CRTM2EM/pe/obspred/AMSRE\_SR/CRTM2EM\_getpeobspred\_AMSRE\_SR.F90

Generating dependencies for ../optUE/type/paramestim/obs/CNRS/CNRS\_em\_obsMod.F90

Generating dependencies for ../rtms/LIS-CMEM3/pe/obspred/AMSRE\_SR/CMEM3\_setupobspred\_AMSRE\_SR.F90

Generating dependencies for ../rtms/CRTM2EM/pe/CRTM2EM\_set\_pedecvars.F90

Generating dependencies for ../rtms/LIS-CMEM3/pe/CMEM3\_peMod.F90

Generating dependencies for ../rtms/LIS-CMEM3/pe/CMEM3\_param\_reset.F90

Generating dependencies for ../rtms/LIS-CMEM3/pe/obspred/AMSRE\_SR/CMEM3\_getpeobspred\_AMSRE\_SR.F90

Generating dependencies for ../rtms/LIS-CMEM3/CMEM3\_Mod.F90

Generating dependencies for ../metforcing/Bondville/Bondville\_forcingMod.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/Biogeophysics\_Lake.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/Biogeophysics2.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/Biogeophysics1.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/BareGroundFluxes.F90

Generating dependencies for ../surfacemodels/land/clm2/biogeophys/BalanceCheck.F90

Generating dependencies for ../rtms/LIS-CMEM3/pe/CMEM3\_set\_pedecvars.F90

Generating dependencies for ../optUE/type/paramestim/obs/Ameriflux/AmerifluxobsMod.F90

Generating dependencies for ../surfacemodels/land/clm2/ecosysdyn/Allocation.F90

Generating dependencies for ../metforcing/AWRAL/AWRAL\_forcingMod.F90

Generating dependencies for ../surfacemodels/land/awral.6.0.0/AWRAL600\_writerst.F90

Generating dependencies for ../surfacemodels/land/awral.6.0.0/AWRAL600\_setup.F90

Generating dependencies for ../surfacemodels/land/awral.6.0.0/AWRAL600\_readcrd.F90

Generating dependencies for ../surfacemodels/land/awral.6.0.0/AWRAL600\_readrst.F90

Generating dependencies for ../surfacemodels/land/awral.6.0.0/AWRAL600\_module.F90

Generating dependencies for ../surfacemodels/land/awral.6.0.0/AWRAL600\_main.F90

Generating dependencies for ../surfacemodels/land/awral.6.0.0/AWRAL600\_lsmMod.F90

Generating dependencies for ../surfacemodels/land/awral.6.0.0/AWRAL600\_finalize.F90

Generating dependencies for ../surfacemodels/land/awral.6.0.0/AWRAL600\_f2t.F90

Generating dependencies for ../surfacemodels/land/awral.6.0.0/AWRAL600\_dynsetup.F90

Generating dependencies for ../surfacemodels/land/awral.6.0.0/AWRAL600\_coldstart.F90

Generating dependencies for ../metforcing/AWAP/AWAPfile.F90

Generating dependencies for ../metforcing/AWAP/AWAP\_forcingMod.F90

Generating dependencies for ../dataassim/obs/ASO\_SWE/ASO\_SWE\_Mod.F90

Generating dependencies for ../optUE/type/paramestim/obs/ARSsm/ARSsm\_obsMod.F90

Generating dependencies for ../optUE/type/paramestim/obs/ARM/ARMdata\_module.F90

Generating dependencies for ../dataassim/obs/ANSA\_SNWD/ANSASNWDsnow\_Mod.F90

Generating dependencies for ../dataassim/obs/ANSA\_SCF/ANSASCFsnow\_Mod.F90

Generating dependencies for ../optUE/type/paramestim/obs/AMSRE\_SR/AMSRE\_SR\_em\_obsMod.F90

Generating dependencies for ../rtms/CRTM2EM/CRTM2\_EMMod.F90

Generating dependencies for ../plugins/LIS\_DAobs\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_mpiMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_PRIV\_rcMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_PRIV\_tileMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/easeV2\_utils.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_PRIV\_gridMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_pluginIndices.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/AWAP/AWAPfile.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_surfaceModelDataMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/awral.6.0.0/AWRAL600\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_FORC\_AttributesMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_constantsMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_numerRecipesMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_ran2\_gasdev.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_precisionMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_kind\_mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../rtms/LIS-CMEM3/pe/CMEM3\_param\_reset.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/CalcAerodynamic.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/CalcBlowingSnow.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/algorithm/DEMC/DEMC\_varctl.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/algorithm/DEMCz/DEMCz\_varctl.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/algorithm/ES/ES\_varctl.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/FTable.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/ecosysdyn/Fire.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/algorithm/GA/GA\_varctl.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/HiMAT\_GMU/HiMATGMUfile.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/IceEnergyBalance.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/ecosysdyn/Kill.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../runmodes/wrf\_cpl\_mode/LISWRFimport\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../runmodes/wrf\_cpl\_mode/LISWRFexport\_module.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_RTM\_FTable.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_String\_Utility.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_XMRG\_Reader.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_alb\_FTable.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_biasestim\_FTable.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_create\_subdirs.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_dataassim\_FTable.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/pf/pf\_types.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/enkf/my\_matrix\_functions.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/openwater/template/templateOpenWater\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/enkf/enkf\_types.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/ensrf/ensrf\_types.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/enksgrace/enks\_matrix\_functions.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/enksgrace/enks\_types.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_domain\_FTable.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_emiss\_FTable.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_forecastAlg\_FTable.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_gfrac\_FTable.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_glaciermodel\_FTable.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_glacierrouting\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_gswpMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/noah33\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/noah36\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/NoahMP36\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_gecros\_401.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/enksgrace/nr\_fft.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/perturb/gmaopert/landpert\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/perturb/gmaopert/nr\_jacobi.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/mos\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/template/template\_module.F90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_dimensions.f90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/noah39\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_modis\_alb\_types.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_MAPL\_constants.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_drv\_types.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/RUC37\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/noah271\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/noah32\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssib\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_lsmrtm\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_dasnodep\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_dausafsi\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_dasnow\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_dasoilm\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_daalbedo\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_dasnow\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_dasnow\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_daveg\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_dasnow\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_dasnodep\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_snow/noah39\_dasnow\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_dasnow\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_dasnow\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/da\_snodep/noah271\_dasnow\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_dasoilm\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_datws\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_param\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/algorithm/MCSIM/MCSIM\_varctl.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/algorithm/RWMCMC/RWMCMC\_varctl.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/algorithm/SCEUA/SCEUA\_varctl.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/algorithm/LM/LM\_varctl.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_lsmirrigation\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_lsmcpl\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../apps/landslide/TRIGRS/grids.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../apps/landslide/TRIGRS/input\_vars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../apps/landslide/TRIGRS/model\_vars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../apps/landslide/TRIGRS/input\_file\_defs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_lakemodel\_pluginMod.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_irrigation\_FTable.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_laisai\_FTable.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_lakemodel\_FTable.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_landslide\_FTable.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_log\_msgC.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_lsm\_FTable.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_mapSoilType.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_mapSurfaceModelType.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_memory\_managementC.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_metforcing\_FTable.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_mpDecomp.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_openwater\_FTable.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_optUE\_FTable.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_perturb\_FTable.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_roughness\_FTable.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_routing\_FTable.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_runmode\_FTable.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_runoffdata\_FTable.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/ecosysdyn/Mortality.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/module\_sf\_sfclay\_36.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/module\_model\_constants\_36.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_noahmp\_glacier\_401.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_urban\_401.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/phys/module\_model\_constants\_401.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_bem\_401.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/ruc\_debug.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/ecosysdyn/Reproduction.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/gfrac/SPORTDaily/SPORTgfracMod.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/SnowPackEnergyBalance.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/StabilityCorrection.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/Tridiagonal.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/UTM\_utils.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/gfrac/VIIRSDaily/VIIRSgfracMod.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/advected\_sensible\_heat.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/agrradps/agrlwdn.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/agrradps/agrradps\_filenames.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/alloc\_atmos.c

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_types.f90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/arno\_evap.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/awral.6.0.0/physics/awral.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/bilinear\_interp.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/bilinear\_interp\_input\_withgrid.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/breakpt\_module.F90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_physical\_constants.f90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_other\_constants.f90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_math\_constants.f90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_photosynthetic\_constants.f90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/cable\_listime.F90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_sli\_numbers.f90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/calc\_air\_temperature.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/calc\_atmos\_energy\_bal.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/calc\_forcing\_stats.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/calc\_longwave.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/calc\_rainonly.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/calc\_root\_fraction.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/calc\_snow\_coverage.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/calc\_surf\_energy\_bal.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/calc\_veg\_params.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/calc\_water\_energy\_balance\_errors.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/canopy\_evap.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/check\_files.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/check\_state\_file.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_lst/clm2\_descale\_lst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/clm2\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_lst/clm2\_scale\_lst.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_vmath\_fwrap.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_vmath\_mod.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/close\_files.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_DragCoefficientsMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_sibalb\_coeff.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_pmonth\_stage4.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_snow\_DAlog.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_soilm\_DAlog.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/cmorph/cm\_readzipf.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/cmd\_proc.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/compress\_files.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_earth\_coord.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_earth\_coord\_UTM.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_earth\_coord\_gauss.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_earth\_coord\_latlon.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_earth\_coord\_latlon\_ll.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_earth\_coord\_ll.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_grid\_coord.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_grid\_coord\_gauss.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_grid\_coord\_latlon.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/compute\_pot\_evap.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/compute\_treeline.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_vinterp\_weights.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/compute\_zwt.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/conserv\_interp.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/conserv\_interp\_input\_withgrid.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/correct\_precip.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SMAP\_NRTsm/create\_filelist.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/diff\_lon.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/display\_current\_settings.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/dist\_prec.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/enksgrace/enks\_lu\_decomp.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/estimate\_T1.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/ezlh\_convert.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/ezlh\_inverse.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/templateMetForc/finalize\_metForcTemplate.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/narr/finalize\_narr.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/finalize\_vic411.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/finalize\_vic412.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/find\_min\_tfactor.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/cmorph/fmktime.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/free\_dist\_prcp.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/free\_vegcon.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/frozen\_soil.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/fsvp.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/full\_energy.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/func\_atmos\_energy\_bal.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/func\_atmos\_moist\_bal.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/func\_canopy\_energy\_bal.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/func\_surf\_energy\_bal.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/gaussian\_quadrature.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/gausslat.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/climatology/get\_climatology\_filename.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/get\_dist.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/get\_fieldpos.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/get\_force\_type.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/get\_global\_param.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/get\_max\_snow\_temp.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/hrapToLatLon.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssib\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssib\_mapvegc.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/ice\_melt.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/idw\_module.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/initialize\_atmos.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/initialize\_global.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/initialize\_lake.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/initialize\_model\_state.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/initialize\_new\_storm.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/initialize\_snow.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/initialize\_soil.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/initialize\_veg.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/kwm\_date\_utilities\_36.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/kwm\_date\_utilities\_401.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/noahmp.3.9.1.1/kwm\_date\_utilities\_noahgl3911.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/kwm\_date\_utilities\_ruc37.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/lakes.eb.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/latent\_heat\_from\_snow.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/latlonTohrap.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/latlonTopolar.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/lis\_scan\_soilparam\_flat\_ascii.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/lltops.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/make\_cell\_data.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/make\_dist\_prcp.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/make\_dmy.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/make\_energy\_bal.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/make\_in\_and\_outfiles.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/make\_snow\_data.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/make\_veg\_var.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/sibalb\_module.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/massrelease.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/modify\_Ksat.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/module\_Noahlsm\_utility\_ruc37.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/module\_model\_constants\_32.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/module\_model\_constants\_33.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/phys/module\_model\_constants\_39.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/module\_model\_constants\_ruc37.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/module\_sf\_noah271lsm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/module\_sf\_noah32lsm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/module\_sf\_noah33lsm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/module\_sf\_noah36lsm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/phys/module\_sf\_noah39lsm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/noahmp.3.9.1.1/module\_sf\_noahmp\_glacier.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/noahmp.3.9.1.1/module\_sf\_noahmpglacier3911.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/module\_sf\_ruclsm\_ruc37.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/module\_sfcdif\_wrf\_32.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/module\_sfcdif\_wrf\_33.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/module\_sfcdif\_wrf\_36.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/module\_sfcdif\_wrf\_39.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/module\_sfcdif\_wrf\_ruc37.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/mqb\_module.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/mtclim\_vic.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/mtclim\_wrapper.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/enkf/my\_lu\_decomp.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/neighbor\_interp.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/neighbor\_interp\_input\_withgrid.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/newt\_raph\_func\_fast.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_dasnowSVM\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/noahmp36\_wrf\_routines.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/normalize\_stnwts.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/enkf/nr\_sort.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/nrerror.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/open\_file.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/open\_state\_file.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/output\_list\_utils.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/pack\_model\_state.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/paramb.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/parse\_output\_info.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/penman.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/polarToLatLon.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/polfixs.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/prepare\_full\_energy.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/pstoll.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/put\_data.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/read\_atmos\_data.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/read\_forcing\_data.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/gfrac/SPORTDaily/read\_gvf\_binary\_modis.cc

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/gfrac/VIIRSDaily/read\_gvf\_binary\_viirs.cc

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/read\_lakeparam.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/read\_snowband.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/read\_soilparam.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/read\_veglib.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/read\_vegparam.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/readzipf.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/redistribute\_during\_storm.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/CNRS/reset\_CNRS\_em\_obs\_data.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/USDA\_ARSsm/reset\_USDA\_ARSsm\_obs\_data.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/templateMetForc/reset\_metForcTemplate.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/template/reset\_templateObs.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/root\_brent.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/ruc\_driver\_37.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/runoff.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/set\_output\_defaults.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/set\_vegparam.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/setup\_vic411.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/setup\_vic412.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/snow\_intercept.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/snow\_melt.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/snow\_utility.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/snsoidxyTolatlon.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/soil\_conduction.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/soil\_thermal\_eqn.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/solve\_snow.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/stg2/stg2file.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/stg4/stg4file.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/stninterp\_module.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/surface\_fluxes.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/svp.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/template/templateGL\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/template/templateGL\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/template/templateGL\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/template/templateGL\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/template/templateGL\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/template/templateGL\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/template/templateGL\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/openwater/template/templateOpenWater\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/openwater/template/templateOpenWater\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/openwater/template/templateOpenWater\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/openwater/template/templateOpenWater\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/openwater/template/templateOpenWater\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/template/template\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/template/template\_getrunoffs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/template/template\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/template/template\_reset.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/template/template\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/template/template\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/texture.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/umd\_sibalb.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/unpack\_model\_state.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/upscaleByAveraging.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/upscaleByAveraging\_input.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/upscaleByWeightedAveraging.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/upscaleByWeightedAveraging\_input.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_CalcAerodynamic.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_CalcBlowingSnow.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_IceEnergyBalance.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_SnowPackEnergyBalance.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_StabilityCorrection.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_add\_atmosdata.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_advected\_sensible\_heat.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_alloc\_atmos.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_arno\_evap.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_air\_temperature.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_atmos\_energy\_bal.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_cloud\_cover\_fraction.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_forcing\_stats.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_longwave.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_rainonly.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_root\_fraction.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_snow\_coverage.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_surf\_energy\_bal.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_veg\_params.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_calc\_water\_energy\_balance\_errors.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_canopy\_evap.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_check\_files.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_check\_state\_file.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_close\_files.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_cmd\_proc.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_compress\_files.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_compute\_dz.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_compute\_pot\_evap.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_compute\_treeline.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_compute\_treeline\_lis.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_correct\_precip.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_display\_current\_settings.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_dist\_prec.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_dynsetup.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_estimate\_T1.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_find\_min\_tfactor.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_free\_dist\_prcp.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_free\_vegcon.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_frozen\_soil.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_fsvp.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_full\_energy.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_func\_atmos\_energy\_bal.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_func\_atmos\_moist\_bal.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_func\_canopy\_energy\_bal.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_func\_surf\_energy\_bal.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_get\_dist.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_get\_force\_type.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_get\_global\_param.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_get\_max\_snow\_temp.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_ice\_melt.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_initialize\_atmos.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_initialize\_global.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_initialize\_lake.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_initialize\_model\_state.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_initialize\_new\_storm.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_initialize\_snow.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_initialize\_soil.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_initialize\_veg.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_lakes.eb.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_latent\_heat\_from\_snow.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_lis\_read\_soilparam\_arc.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_lis\_scan\_soilparam\_flat\_ascii.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_make\_cell\_data.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_make\_dist\_prcp.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_make\_dmy.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_make\_energy\_bal.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_make\_in\_and\_outfiles.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_make\_snow\_data.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_make\_veg\_var.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_massrelease.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_modify\_Ksat.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_mtclim42\_vic.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_mtclim42\_wrapper.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_newt\_raph\_func\_fast.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_nrerror.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_open\_debug.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_open\_file.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_open\_state\_file.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_output\_list\_utils.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_parse\_output\_info.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_penman.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_prepare\_full\_energy.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_put\_data.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_arcinfo\_ascii.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_atmos\_data.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_forcing\_data.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_initial\_model\_state.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_lakeparam.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_snowband.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_soilparam.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_soilparam\_arc.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_read\_veglib.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_read\_vegparam.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_readrst.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_redistribute\_during\_storm.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_root\_brent.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_run.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_runoff.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_set\_output\_defaults.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_set\_vegparam.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_snow\_intercept.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_snow\_melt.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_snow\_utility.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_soil\_conduction.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_soil\_thermal\_eqn.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_solve\_snow.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_store\_moisture\_for\_debug.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_surface\_fluxes.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_svp.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_vicNl.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_vicerror.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_water\_energy\_balance.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_water\_under\_ice.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_write\_atmos.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_atmosdata.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_write\_bin\_atmosdata.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_data.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_debug.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_forcing\_file.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_header.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_write\_lakecon.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_layer.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_model\_state.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_write\_prcp.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_snow\_data.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_soilparam.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_write\_state.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_vegparam.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/physics/vic411\_write\_vegvar.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_add\_atmosdata.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_compute\_treeline.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_count\_model\_state.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_dynsetup.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/routing/vic412\_getrunoff.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_intialize.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_read\_vegparam.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_run.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_write\_atmos.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_write\_state.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/vicerror.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/water\_energy\_balance.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/water\_under\_ice.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/write\_atmosdata.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/write\_bin\_atmosdata.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/write\_data.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/write\_forcing\_file.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/write\_header.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/write\_lakecon.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/write\_layer.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/write\_prcp.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/template/write\_templateObs.F90

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/physics/write\_vegvar.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/xmrg\_read\_data\_c.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/xmrg\_read\_header\_c.c

mpicc -c -traceback -DIFC -DLINUX -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/xmrg\_reverse\_byte.c

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_logMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/map\_utils.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/main/clm2\_varpar.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_const\_mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/clm2type.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_noahmplsm\_401.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/perturb/gmaopert/random\_fields.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/cable\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_sys\_mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_constants.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/fbil\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_microMetCorrection.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/LatentHCond.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/module\_sf\_myjsfc\_36.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/module\_sf\_noahlsm\_36.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_bep\_401.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_bep\_bem\_401.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/QSatclm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/SensibleHCond.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/SnowAlbedo.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/SoilWater.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/StabilityFunc.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/SurfaceRadiation.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/ecosysdyn/Turnover.F90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/allocate\_cable\_vars.f90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/main/clm2\_varsur.F90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_air.f90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_albedo.f90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_arrays.f90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_radiation.f90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_roughness.f90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_carbon.f90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_soilsnow.f90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_sli\_roots.f90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_sli\_utils.f90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_file\_mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_msg\_mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_timer\_mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_esat\_qsat.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_surfacelayer.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_earth\_coord\_ease.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_earth\_coord\_hrap.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_earth\_coord\_lambert.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_earth\_coord\_merc.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_earth\_coord\_polar.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_grid\_coord\_ease.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_grid\_coord\_hrap.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_grid\_coord\_lambert.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_grid\_coord\_merc.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_grid\_coord\_polar.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/compute\_stnwts.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/defineLocalDomain.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gswp2/finterp\_gswp2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/gaussian\_routines.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/mapsib2umd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/module\_sf\_noah33lsm\_glacial.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/module\_sf\_noah36lsm\_glacial.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/phys/module\_sf\_noah39lsm\_glacial.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/mos\_tile.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/mrms/mrms\_gribfile.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snowSVM/mwSVM\_routines.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/template/read\_templateObs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/wrf\_debug.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/zterp.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_timeMgrMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/main/pft\_varcon.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/main/clm2\_varcon.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/DivideSnowLayers.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/Drainage.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/ecosysdyn/FireSeason.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/FrictionVelocity.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/HYMAP2\_evapMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/HYMAP2\_modelMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/Hydrology1.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/Hydrology2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/Hydrology\_Lake.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/Infiltration.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/pf/pf\_general.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/enkf/enkf\_general.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/ensrf/ensrf\_general.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/enksgrace/enks\_general.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_types.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/geowrsi.2/geowrsi2\_arraymgmt\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/ecosysdyn/LitterSOM.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/MoninObukIni.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/module\_sf\_noahmplsm\_36.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_noahmp\_groundwater\_401.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/PhaseChange.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/ecosysdyn/Phenology.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/SnowAge.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/SnowCompaction.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/SnowWater.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/SoilAlbedo.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/SoilTemperature.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/SoilThermProp.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/Stomata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/SurfaceRunoff.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/TwoStream.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/WetIceHydrology.F90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_canopy.f90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_canopy\_vh.f90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/main/clm2\_accumulMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/main/clm2\_areaMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdasT1534/create\_gdasT1534filename.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdas/create\_gdasf9\_filename.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdas/create\_gdasfilename.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gfs/create\_gfs\_f0backup\_filename.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gfs/create\_gfsfilename.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genEnsFcst/get\_genEnsFcst\_filename.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/pptEnsFcst/get\_pptEnsFcst\_filename.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/noahmp\_driver\_36.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/main/surfFileMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_coreMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/ecosysdyn/Allocation.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/Ameriflux/AmerifluxobsMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/BalanceCheck.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/BareGroundFluxes.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/Biogeophysics1.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/Biogeophysics2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/Biogeophysics\_Lake.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../rtms/LIS-CMEM3/pe/obspred/AMSRE\_SR/CMEM3\_setupobspred\_AMSRE\_SR.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/CNRS/CNRS\_em\_obsMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../rtms/CRTM2EM/pe/obspred/AMSRE\_SR/CRTM2EM\_setupobspred\_AMSRE\_SR.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../rtms/CRTM2EM/pe/obspred/CNRS/CRTM2EM\_setupobspred\_CNRS.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/CanopyFluxes.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/CombineSnowLayers.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/Combo.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_optUEMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/ecosysdyn/EcosystemDyn.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/EmptyObs/Empty\_obsMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/FLUXNET/FLUXNETdata\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../apps/landslide/GLS/pe\_raint/GLS\_qcdec\_raint.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../apps/landslide/GLS/pe\_raint/GLS\_setupobspred\_raint.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_PE\_HandlerMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/Global\_LS\_data/GlobalLSDataMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/HYMAP2\_initMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/HYMAP2\_resopMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/ISCCP\_Tskin/ISCCP\_Tskinobs\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/ISMNsm/ISMNsm\_obsMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../runmodes/wrf\_cpl\_mode/LISWRFGridCompMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/objfunc/LM/LMobjFunc\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/objfunc/LL/LLobjFunc\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/objfunc/LS/LSobjFunc\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/objfunc/P/PobjFunc\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/wgPBMRsm/wgPBMRsmobs\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/template/templateObs\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/UAsnow/UAsnow\_obsMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/LPRM\_AMSREsm/LPRM\_AMSREsm\_obsMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/USDA\_ARSsm/USDA\_ARSsm\_obsMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/pesynsm1/pesynsm1data\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/SMAPsm/SMAPsm\_obsMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/Macon\_LS\_data/MaconLSDataMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_landslideMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/openwater/template/templateOpenWaterMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_glacierModelMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_lakemodelMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/template/templateGL\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/noah33\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/noah36\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/NoahMP36\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/mos\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/template/template\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/cable\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/csm\_share/clm2\_shr\_orb\_mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/noah39\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/RUC37\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/noah271\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/geowrsi.2/geowrsi2\_physics\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/noah32\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssib\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_tws\_DAlogMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_tws\_DAlogMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/runoffdata/LISoutput/LISrunoffdataMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_process\_cmd\_args.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_readDAObsAttributes.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_readPEDecSpaceAttributes.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_snowMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/NoahMP36\_coldstart.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/NoahMP36\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/NoahMP36\_readcrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/NoahMP36\_reset.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/pe/obspred/ARSsm/NoahMP36\_setupobspred\_ARSsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/pe/obspred/ISMNsm/NoahMP36\_setupobspred\_ISMNsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/pe/obspred/SMAPsm/NoahMP36\_setupobspred\_SMAPsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/phys/module\_sf\_noahmpdrv\_401.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_readcrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_reset.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/pe/obspred/UAsnow/NoahMP401\_setupobspred\_UAsnowobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/RUC37\_coldstart.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/RUC37\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/RUC37\_readcrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/SOIL\_VEG\_GEN\_PARM\_36.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/biogeophys/SurfaceAlbedo.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/bilinear\_interp\_input.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/cable\_coldstart.F90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_main\_module.f90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/cable\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/cable\_readcrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/cable\_setup.F90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_sli\_solve.f90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_snow/clm2\_qc\_snowobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_snow/clm2\_transform\_obssca.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_compute\_land\_parameters.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_descale\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_descale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_descale\_tws.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_model.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_getsnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_getsnwdpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_getsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_gettws.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_qcsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_qcsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_qctws.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_readcrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_relayer\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_reset.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_scale\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_scale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_scale\_tws.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_settws.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_turb.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_update\_tws.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_updatesnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_updatesoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_wrtswe.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/objfunc/LL/computeLLestimate.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/objfunc/LM/computeLMestimate.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/objfunc/LS/computeLSestimate.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/objfunc/P/computePestimate.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/conserv\_interp\_input.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nam242/create\_nam242f9\_filename.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nam242/create\_nam242filename.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/geowrsi.2/geowrsi2\_set\_gcoords.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/templateMetForc/get\_metForcTemplate.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssib\_coldstart.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssibveg\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssibalb\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssib\_readcrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssib\_settopostd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssib\_setvegparms.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssib\_totinit.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/interp\_stndata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../offline/lisdrv.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/mos\_coldstart.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/da\_soilm/mos\_descale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/mos\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/da\_soilm/mos\_getsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/da\_soilm/mos\_getsynsmpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/da\_soilm/mos\_qcsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/da\_soilm/mos\_scale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/da\_soilm/mos\_setsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/mos\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/da\_soilm/mos\_updatesoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../interp/neighbor\_interp\_input.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/noah271\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/noah271\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/da\_snodep/noah271\_getsnodepvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/da\_snodep/noah271\_map\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/da\_snodep/noah271\_qcsnodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/noah271\_readcrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/da\_snodep/noah271\_setsnodepvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/noah271\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/noah271\_setvegparms.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/da\_snodep/noah271\_updatesnodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/noah32\_coldstart.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/noah32\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/noah32\_readcrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/noah32\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/noah33\_coldstart.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_descale\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_descale\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_descale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/noah33\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/irrigation/noah33\_getirrigationstates.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_getscfpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_getsnodepvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_getsnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_getsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_getswepred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_map\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_map\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_map\_swe.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_qc\_scfobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_qc\_snodepobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_qcsnodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_qcsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_qcsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/noah33\_readcrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/noah33\_reset.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_scale\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_scale\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_scale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_setsnodepvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_setsnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_setsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/noah33\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/pe/obspred/FLUXNET/noah33\_setupobspred\_FLUXNETobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/pe/obspred/LPRM\_AMSREsm/noah33\_setupobspred\_LPRMsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/pe/obspred/USDA\_ARSsm/noah33\_setupobspred\_USDA\_ARSsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/sfc\_crtm/noah33\_sfc2crtm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/sfc\_tauomega/noah33\_sfc2tauomega.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_transform\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_updatesnodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_updatesnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_updatesoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/noah36\_coldstart.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_descale\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_descale\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_descale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/noah36\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_getscfpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_getsnodepvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_getsnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_getsnwdpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_getsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_getswepred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_map\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_map\_swe.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_qc\_scfobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_qc\_snodepobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_qc\_snowobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_qcsnodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_qcsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_qcsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/noah36\_readcrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/noah36\_reset.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_scale\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_scale\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_scale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_setsnodepvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_setsnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_setsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/noah36\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_transform\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_updatesnodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_updatesnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_updatesoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/noah39\_coldstart.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_descale\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_descale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_descale\_usafsi.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/noah39\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_getsnodepvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_getsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_getusafsivars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_qc\_snodepobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_qc\_usafsiobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_qcsnodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_qcsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_qcusafsi.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/noah39\_readcrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/noah39\_reset.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_scale\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_scale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_scale\_usafsi.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_setsnodepvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_setsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/noah39\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_setusafsivars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_transform\_usafsi.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_updatesnodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_updatesoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_updateusafsi.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_descale\_albedo.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_descale\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_descale\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_descale\_snowSVM.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_descale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_descale\_tws.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_descale\_veg.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_getalbedovars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_getsnodepvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_getsnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_getsnowvarsSVM.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_getsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_gettws.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_getvegvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_map\_albedo.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_map\_veg.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_qcalbedo.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_qcsnodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_qcsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_qcsnowSVM.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_qcsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_qctws.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_qcveg.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_scale\_albedo.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_scale\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_scale\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_scale\_snowSVM.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_scale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_scale\_tws.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_scale\_veg.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_setalbedovars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_setsnodepvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_setsnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_setsnowvarsSVM.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_setsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_settws.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_setvegvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_snodep\_update.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_snow\_update.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_transform\_albedo.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_transform\_veg.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_updatealbedovars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_updatesnodepvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_updatesnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_updatesnowvarsSVM.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_updatesoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_updatetws.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_updatevegvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_descale\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_descale\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_descale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_descale\_usafsi.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_getsnodepvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_getsnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_getsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_getusafsivars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_qcsnodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_qcsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_qcsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_qcusafsi.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_scale\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_scale\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_scale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_scale\_usafsi.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_setsnodepvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_setsnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_setsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_setusafsivars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_snodep\_update.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_snow\_update.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_transform\_usafsi.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_updatesnodepvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_updatesnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_updatesoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_updateusafsivars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_usafsi\_update.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/noahmp\_driver\_401.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_coldstart.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_readcrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/ISCCP\_Tskin/read\_ISCCP\_Tskindata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/Ameriflux/read\_ameriflux\_station.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/readmoscrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/openwater/template/readtemplateOpenWatercrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/objfunc/LL/resetLLestimate.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/objfunc/LM/resetLMestimate.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/objfunc/LS/resetLSestimate.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/objfunc/P/resetPestimate.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/FLUXNET/reset\_FLUXNETdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/Global\_LS\_data/reset\_GlobalLSObsData.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/ISMNsm/reset\_ISMNsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/LPRM\_AMSREsm/reset\_LPRM\_AMSREsmObsdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/SMAPsm/reset\_SMAPsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/UAsnow/reset\_UAsnowobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/wgPBMRsm/reset\_wgPBMRsmdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_descale\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_descale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/irrigation/ruc37\_getirrigationstates.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_getscfpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_getsmpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_getsnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_getsnwdpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_getsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_getswepred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_getsynsmpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_map\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_map\_swe.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_qc\_scfobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_qc\_snowobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_qc\_soilmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_qcsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_qcsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_scale\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_scale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_setsnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_setsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_transform\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_updatesnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_updatesoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/template/templateGL\_readcrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/openwater/template/templateOpenWater\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/template/template\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/template/template\_readcrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/templateMetForc/timeinterp\_metForctemplate.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/objfunc/LL/updateLLestimate.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/objfunc/LM/updateLMestimate.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/objfunc/LS/updateLSestimate.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/objfunc/P/updatePestimate.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_readcard.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_readcard.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/CNRS/write\_CNRS\_em\_obs\_data.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/USDA\_ARSsm/write\_USDA\_ARSsm\_obs\_data.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/AMSRE\_SR/AMSRE\_SR\_em\_obsMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_DAobservationsMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_histDataMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_perturbMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/ARM/ARMdata\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/ARSsm/ARSsm\_obsMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/AWAP/AWAP\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/awral.6.0.0/AWRAL600\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_fileIOMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/HiMAT\_GMU/HiMATGMU\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nam242/nam242\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/templateMetForc/metForcTemplate\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/Loobos/Loobos\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/AWRAL/AWRAL\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_gridmappingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/mrms/mrms\_grib\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_forecastMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gldas/gldas\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/stg4/stg4\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/agrradps/agrradps\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gswp2/gswp2\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/narr/narr\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/snotel/snotel\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/PALSmetdata/PALSmetdata\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/chirps2/chirps2\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genMetForc/metForcGen\_SpatialInterpMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42RTV7/TRMM3B42RTV7\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/cmorph/cmorph\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/ecmwf/ecmwf\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/Bondville/Bondville\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genEnsFcst/genEnsFcst\_SpatialInterpMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gswp1/gswp1\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/imerg/imerg\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42RT/TRMM3B42RT\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/pet\_usgs/petusgs\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/scan/scan\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/RFE2Daily/RFE2Daily\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/cmap/cmap\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/stg2/stg2\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gfs/gfs\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdasT1534/gdasT1534\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdas/gdas\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42V6/TRMM3B42V6\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gefs/gefs\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/princeton/princeton\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/WRFout/WRFout\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/awral.6.0.0/AWRAL600\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/awral.6.0.0/AWRAL600\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/awral.6.0.0/AWRAL600\_readcrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/awral.6.0.0/AWRAL600\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_soilsMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../forecast/algorithm/ESPboot/ESPboot\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../forecast/algorithm/ESPconv/ESPconv\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/algorithm/ES/EnumeratedSearch.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/GRACE/GRACEobs\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_topoMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/USAFSI/USAFSIobs\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/syntheticSnowTb/syntheticSnowTbObs\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/syntheticsnd/syntheticsndobs\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SNODEP/SNODEPobs\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_LMLCMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_ObjFunc\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_PEobs\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_albedoMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_appMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_openwatermodel\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_domainMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_emissMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_forecastAlg\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_glaciermodel\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/pe/noah33\_peMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/pe/noah36\_peMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/pe/NoahMP36\_peMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/pe/NoahMP401\_peMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/clm2\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/geowrsi.2/geowrsi2\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_vegDataMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_runoffdata\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_readConfig.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/NoahMP36\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/pe/obspred/ARSsm/NoahMP36\_getpeobspred\_ARSsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/pe/obspred/ISMNsm/NoahMP36\_getpeobspred\_ISMNsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/pe/obspred/SMAPsm/NoahMP36\_getpeobspred\_SMAPsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/pe/NoahMP36\_set\_pedecvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/NoahMP36\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_coldstart.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/pe/obspred/UAsnow/NoahMP401\_getpeobspred\_UAsnowobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_read\_OPT\_parameters.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/pe/NoahMP401\_set\_pedecvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/RUC37\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/RUC37\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/RUC37\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/ecosysdyn/accumDGVM.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/main/lnd\_atmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/cable\_driver.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/cable\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/cable\_setsoilparms.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/cable\_setvegparms.F90

mpifort -cpp -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/physics/cable\_sli\_main.f90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/canhtset.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_snow/clm2\_descale\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_soilm/clm2\_descale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/clm2\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_lst/clm2\_getlst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_snow/clm2\_getsnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_snow/clm2\_getsnwdpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_soilm/clm2\_getsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_snow/clm2\_getswepred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_lst/clm2\_getsynlstpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_soilm/clm2\_getsynsmpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/clm2\_lairead.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/clm2\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_snow/clm2\_map\_sca.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_lst/clm2\_qclst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_snow/clm2\_qcsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_soilm/clm2\_qcsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_snow/clm2\_scale\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_soilm/clm2\_scale\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_lst/clm2\_setlst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_snow/clm2\_setsnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_soilm/clm2\_setsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/clm2\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_snow/clm2\_updatesnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_soilm/clm2\_updatesoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_diagn\_routines.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/irrigation/clsmf25\_getirrigationstates.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_getsmpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_gettwspred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_qc\_snowobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_qc\_soilmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_qc\_twsobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_snow/clsmf25\_setsnowvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_setsoilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/cmap/cmap\_reset\_interp\_input.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gldas/fillgaps\_gldas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gswp2/fillgaps\_gswp2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/AWAP/finalize\_AWAP.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/AWRAL/finalize\_AWRAL.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/Bondville/finalize\_Bondville.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/HiMAT\_GMU/finalize\_HiMATGMU.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/Loobos/finalize\_Loobos.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/PALSmetdata/finalize\_PALSmetdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/RFE2Daily/finalize\_RFE2Daily.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42RT/finalize\_TRMM3B42RT.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42RTV7/finalize\_TRMM3B42RTV7.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42V6/finalize\_TRMM3B42V6.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/WRFout/finalize\_WRFout.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/agrradps/finalize\_agrradps.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/chirps2/finalize\_chirps2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/cmap/finalize\_cmap.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/cmorph/finalize\_cmorph.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/ecmwf/finalize\_ecmwf.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdas/finalize\_gdas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdasT1534/finalize\_gdasT1534.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gefs/finalize\_gefs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gfs/finalize\_gfs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gldas/finalize\_gldas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gswp1/finalize\_gswp1.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gswp2/finalize\_gswp2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/imerg/finalize\_imerg.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/mrms/finalize\_mrms\_grib.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nam242/finalize\_nam242.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/pet\_usgs/finalize\_petusgs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/princeton/finalize\_princeton.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/scan/finalize\_scan.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/snotel/finalize\_snotel.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/stg2/finalize\_stg2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/stg4/finalize\_stg4.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdas/gdas\_reset\_interp\_input.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/AWAP/get\_AWAP.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/AWRAL/get\_AWRAL.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/Bondville/get\_Bondville.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/HiMAT\_GMU/get\_HiMATGMU.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/Loobos/get\_Loobos.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/RFE2Daily/get\_RFE2Daily.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42RTV7/get\_TRMM3B42RTV7.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/agrradps/get\_agrradps.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/chirps2/get\_chirps2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/cmap/get\_cmap.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/cmorph/get\_cmorph.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/ecmwf/get\_ecmwf.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdas/get\_gdas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdasT1534/get\_gdasT1534.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nldas2/get\_gesdisc\_filenames.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gfs/get\_gfs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gldas/get\_gldas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gswp1/get\_gswp1.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/imerg/get\_imerg.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genMetForc/get\_metForcGen\_filename.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/mrms/get\_mrms\_grib.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nam242/get\_nam242.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nldas2/get\_ncep\_filenames.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/pet\_usgs/get\_petusgs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/princeton/get\_princeton.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/stg2/get\_stg2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/stg4/get\_stg4.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssib\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssib\_gfrac.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssib\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssib\_settbot.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssib\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/iniTimeConst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/iniTimeVar.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/AWAP/interp\_AWAP.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/AWRAL/interp\_AWRAL.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/HiMAT\_GMU/interp\_HiMATGMU.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42RT/interp\_TRMM3B42RT.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42RTV7/interp\_TRMM3B42RTV7.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42V6/interp\_TRMM3B42V6.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/agrradps/interp\_agrradpsvar.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/cmap/interp\_cmap.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/cmorph/interp\_cmorph.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/imerg/interp\_imerg.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/mrms/interp\_mrms\_grib.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/pet\_usgs/interp\_petusgs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/stg2/interp\_stg2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/stg4/interp\_stg4.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/mos\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/mosdynp.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/noah271\_calc\_tskin.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/noah271\_coldstart.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/noah271\_setsoils.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/da\_snodep/noah271\_transform\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/noah32\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/noah32\_setsoils.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/noah32\_setvegparms.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/noah33\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/pe/obspred/FLUXNET/noah33\_getpeobspred\_FLUXNETobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/pe/obspred/LPRM\_AMSREsm/noah33\_getpeobspred\_LPRMsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/pe/obspred/USDA\_ARSsm/noah33\_getpeobspred\_USDA\_ARSsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_getsnodeppred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_getsnwdpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_qc\_snowobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_qc\_soilmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/pe/noah33\_set\_pedecvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/noah33\_setsoils.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/noah33\_setvegparms.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snodep/noah33\_transform\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/noah36\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_getsnodeppred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_qc\_soilmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/pe/noah36\_set\_pedecvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/noah36\_setsoils.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/noah36\_setvegparms.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_transform\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/noah39\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_getsnodeppred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_getusafsipred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_qc\_soilmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/noah39\_setsoils.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/noah39\_setvegparms.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_transform\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_LIS\_SVM.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/irrigation/noahmp36\_getirrigationstates.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_getsnodeppred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_getsnwdpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_getsnwdpred\_TB.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_getswepred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_gettwspred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_qc\_LAIobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_qc\_albedoobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_qc\_snodepobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snow/noahmp36\_qc\_snowobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snowSVM/noahmp36\_qc\_snowobsSVM.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_qc\_soilmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_qc\_twsobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_transform\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/irrigation/noahmp401\_getirrigationstates.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_getsnodeppred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_getsnowpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_getusafsipred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_qc\_snodepobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snow/noahmp401\_qc\_snowobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_qc\_soilmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_qc\_usafsiobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_transform\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/runoffdata/LISoutput/readLISrunoffdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/albedo/ALMIPII/read\_ALMIPIIalbedo.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/emissivity/ALMIPII/read\_ALMIPIIemiss.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/gfrac/ALMIPII/read\_ALMIPIIgfrac.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/lai/ALMIPII/read\_ALMIPIIlai.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/roughness/ALMIPII/read\_ALMIPIIroughness.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/AMSRE\_SR/read\_AMSRE\_SRdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/ARM/read\_ARMdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/ARSsm/read\_ARSsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/Ameriflux/read\_AmerifluxObs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/CNRS/read\_CNRSdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/FLUXNET/read\_FLUXNETdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/GRACE/read\_GRACEobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/Global\_LS\_data/read\_GlobalLSObsdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/ISMNsm/read\_ISMNsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/LPRM\_AMSREsm/read\_LPRM\_AMSREsmdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/Macon\_LS\_data/read\_MaconLSObsdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/gfrac/NESDISWeekly/read\_NESDISgfrac.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/SMAPsm/read\_SMAPsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/gfrac/SPORTDaily/read\_SPORTgfrac.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/UAsnow/read\_UAsnowobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/USAFSI/read\_USAFSIobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/USDA\_ARSsm/read\_USDA\_ARSsmdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/gfrac/VIIRSDaily/read\_VIIRSgfrac.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/narr/read\_narr.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/stg2/read\_stg2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/wgPBMRsm/read\_wgPBMRsmdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/readclm2crd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/chirps2/readconfig\_chirps2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/AWAP/readcrd\_AWAP.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/AWRAL/readcrd\_AWRAL.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/Bondville/readcrd\_Bondville.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/HiMAT\_GMU/readcrd\_HiMATGMU.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/Loobos/readcrd\_Loobos.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/PALSmetdata/readcrd\_PALSmetdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/RFE2Daily/readcrd\_RFE2Daily.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42RT/readcrd\_TRMM3B42RT.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42RTV7/readcrd\_TRMM3B42RTV7.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42V6/readcrd\_TRMM3B42V6.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/WRFout/readcrd\_WRFout.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/agrradps/readcrd\_agrradps.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/cmap/readcrd\_cmap.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/cmorph/readcrd\_cmorph.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/ecmwf/readcrd\_ecmwf.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdas/readcrd\_gdas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdasT1534/readcrd\_gdasT1534.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gefs/readcrd\_gefs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gfs/readcrd\_gfs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gldas/readcrd\_gldas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gswp1/readcrd\_gswp1.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gswp2/readcrd\_gswp2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/imerg/readcrd\_imerg.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/mrms/readcrd\_mrms\_grib.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nam242/readcrd\_nam242.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/narr/readcrd\_narr.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/princeton/readcrd\_princeton.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/scan/readcrd\_scan.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/snotel/readcrd\_snotel.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/stg2/readcrd\_stg2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/stg4/readcrd\_stg4.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/pet\_usgs/readpetusgscrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/RFE2Daily/reproject\_RFE2Daily.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/ARM/reset\_ARMdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/ARSsm/reset\_ARSsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/AWAP/reset\_AWAP.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/AWRAL/reset\_AWRAL.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/HiMAT\_GMU/reset\_HiMATGMU.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/PALSmetdata/reset\_PALSmetdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/WRFout/reset\_WRFout.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/chirps2/reset\_chirps2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/ecmwf/reset\_ecmwf.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdas/reset\_gdas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdasT1534/reset\_gdasT1534.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gefs/reset\_gefs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/mrms/reset\_mrms\_grib.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nam242/reset\_nam242.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/princeton/reset\_princeton.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/stg4/reset\_stg4.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/setmosp.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/albedo/ALMIPII/setup\_ALMIPIIalbedo.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/emissivity/ALMIPII/setup\_ALMIPIIemiss.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/gfrac/ALMIPII/setup\_ALMIPIIgfrac.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/lai/ALMIPII/setup\_ALMIPIIlai.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/roughness/ALMIPII/setup\_ALMIPIIroughness.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/gfrac/NESDISWeekly/setup\_NESDISgfrac.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/gfrac/SPORTDaily/setup\_SPORTgfrac.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../params/gfrac/VIIRSDaily/setup\_VIIRSgfrac.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/main/snowdp2lev.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/template/template\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_diag.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_diag.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/USAFSI/write\_USAFSIobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_historyMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/awral.6.0.0/AWRAL600\_coldstart.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/awral.6.0.0/AWRAL600\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_spatialDownscalingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/climatology/climatology\_SpatialInterpMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/pptEnsFcst/pptEnsFcst\_SpatialInterpMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42V7/TRMM3B42V7\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genMetForc/metForcGen\_VariablesMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genEnsFcst/genEnsFcst\_VariablesMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/RFE2gdas/RFE2gdas\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nldas2/nldas2\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/merra2/merra2\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_openwatermodelMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_lsmoptue\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/geowrsi.2/geowrsi2\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/main/atm\_lndMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/RFE2gdas/finalize\_RFE2gdas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42V7/finalize\_TRMM3B42V7.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genEnsFcst/finalize\_genEnsFcst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/merra2/finalize\_merra2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genMetForc/finalize\_metForcGenerated.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nldas2/finalize\_nldas2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/geowrsi.2/geowrsi2\_finalize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/geowrsi.2/geowrsi2\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/geowrsi.2/geowrsi2\_readInputSettings.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/geowrsi.2/geowrsi2\_readSOS\_Bilfile.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/geowrsi.2/geowrsi2\_readcrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/geowrsi.2/geowrsi2\_setup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/geowrsi.2/geowrsi2\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/RFE2gdas/get\_RFE2gdas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42V7/get\_TRMM3B42V7.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42V7/interp\_TRMM3B42V7.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gefs/interp\_gefs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nldas2/nldas2\_ec\_removal.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/RFE2gdas/readRFE2gdascrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nldas2/read\_orig\_nldas2\_elevdiff.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42V7/readcrd\_TRMM3B42V7.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/merra2/readcrd\_merra2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nldas2/readcrd\_nldas2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/RFE2gdas/readprecip\_RFE2gdas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/RFE2gdas/reproject\_RFE2gdas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/RFE2gdas/reset\_RFE2gdas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/merra2/reset\_merra2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nldas2/reset\_nldas2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/climatology/climatology\_VariablesMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/pptEnsFcst/pptEnsFcst\_VariablesMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/era5/era5\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genMetForc/metForcGenerated\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/geos5fcst/geos5fcst\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genEnsFcst/genEnsFcst\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/climatology/finalize\_climatology.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/geos5fcst/finalize\_geos5fcst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/pptEnsFcst/finalize\_pptEnsFcst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/geowrsi.2/geowrsi2\_dynsetup.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/geowrsi.2/geowrsi2\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/geowrsi.2/geowrsi2\_writeSOS\_Bilfile.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genMetForc/get\_metForcGenerated.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssib\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssib\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/geos5fcst/interp\_geos5fcst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/mos\_readrestart.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/sfc\_cmem3/mos\_sfc2cmem3.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/da\_soilm/mos\_write\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/mos\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/cpl\_wrf\_noesmf/noah271\_setwrfexport.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/cpl\_wrf\_noesmf/noah32\_setwrfexport.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/cpl\_wrf\_noesmf/noah33\_setwrfexport.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/sfc\_cmem3/noah33\_sfc2cmem3.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_write\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/cpl\_wrf\_noesmf/noah36\_setwrfexport.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/sfc\_cmem3/noah36\_sfc2cmem3.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_write\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_write\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/sfc\_cmem3/noahmp36\_sfc2cmem3.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_write\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_write\_tws.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_write\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SNODEP/read\_SNODEPobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/pesynsm1/read\_pesynsm1data.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/syntheticSnowTb/read\_syntheticSnowTbObs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/syntheticsnd/read\_syntheticsndobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/era5/readcrd\_era5.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genEnsFcst/readcrd\_genEnsFcst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/geos5fcst/readcrd\_geos5fcst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genMetForc/readcrd\_metForcGenerated.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/AMSRE\_SR/reset\_AMSRE\_SRObsdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/era5/reset\_era5.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genEnsFcst/reset\_genEnsFcst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/geos5fcst/reset\_geos5fcst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genMetForc/reset\_metForcGenerated.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_write\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/AMSRE\_SR/write\_AMSRE\_SR\_em\_obs\_data.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/ANSA\_SCF/write\_ANSASCFsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/ANSA\_SNWD/write\_ANSASNWDsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/ARM/write\_ARMdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/ARSsm/write\_ARSsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/ASO\_SWE/write\_ASO\_SWEobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/Ameriflux/write\_AmerifluxObs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/ESACCI\_sm/write\_ESACCIsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/FLUXNET/write\_FLUXNETdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/GCOMW\_AMSR2L3SND/write\_GCOMW\_AMSR2L3SNDobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/GLASS\_Albedo/write\_GLASSalbedo.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/GLASS\_LAI/write\_GLASSlai.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/GRACE/write\_GRACEobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/Global\_LS\_data/write\_GlobalLSObsdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/ISMNsm/write\_ISMNsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/LPRM\_AMSREsm/write\_LPRM\_AMSREsm\_obs\_data.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/LPRM\_AMSREsm/write\_LPRM\_AMSREsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/MODIS\_SPORT\_LAI/write\_MODISsportLAI.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/Macon\_LS\_data/write\_MaconLSObsdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/NASA\_SMAPsm/write\_NASASMAPsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/NASA\_SMAPvod/write\_NASASMAPvodobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/PMW\_snow/write\_PMW\_snowobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SMAP\_NRTsm/write\_SMAPNRTsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/SMAPsm/write\_SMAPsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SMMR\_SNWD/write\_SMMRSNWDsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SMOPS\_ASCATsm/write\_SMOPS\_ASCATsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SMOS\_NESDIS/write\_SMOSNESDISsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SNODEP/write\_SNODEPobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SSMI\_SNWD/write\_SSMISNWDsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/UAsnow/write\_UAsnowobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/syntheticSnowTb/write\_syntheticSnowTbObs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/syntheticsnd/write\_syntheticsndobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/wgPBMRsm/write\_wgPBMRsmdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/ANSA\_SCF/ANSASCFsnow\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/ANSA\_SNWD/ANSASNWDsnow\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_dataAssimMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/climatology/climatology\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/pptEnsFcst/pptEnsFcst\_forcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/awral.6.0.0/AWRAL600\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/awral.6.0.0/AWRAL600\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_RTMMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/algorithm/DEMC/DEMCAlgorithm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/algorithm/DEMCz/DEMCzAlgorithm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/algorithm/GA/GeneticAlgorithm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SMAP\_NRTsm/SMAPNRTsm\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/syntheticwl/syntheticwlobs\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/PMW\_snow/PMW\_snow\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/MODIS\_SPORT\_LAI/MODISsportLAI\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SMOPS\_ASCATsm/SMOPS\_ASCATsm\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/syntheticsm/syntheticsmobs\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SMMR\_SNWD/SMMRSNWDsnow\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/LPRM\_AMSREsm/LPRM\_AMSREsm\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SSMI\_SNWD/SSMISNWDsnow\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SMOS\_NESDIS/SMOSNESDISsm\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/NASA\_SMAPvod/NASASMAPvod\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/pildas/pildassmobs\_module.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/NASA\_SMAPsm/NASASMAPsm\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/da\_WL/HYMAP2\_write\_WL.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../rtms/TauOmegaRTM/TauOmegaRTM\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/perturb/uniform/uniformPert\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/perturb/gmaopert/landpert\_routines.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_irrigationMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_tbotAdjustMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_tws/noahmp36\_datws\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_dasoilm\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_dasoilm\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_dasoilm\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_dasoilm\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_dasoilm\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/algorithm/MCSIM/MCSIMAlgorithm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/algorithm/RWMCMC/RWMCMCAlgorithm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/algorithm/SCEUA/ShuffledComplexEvolution.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/algorithm/LM/LevenbergMarquardt.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/NoahMP36\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/NoahMP36\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/RUC37\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/RUC37\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/cable\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/cpl\_wrf\_noesmf/cable\_setwrfexport.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/cable\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/clm2\_readrestart.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/cpl\_wrf\_noesmf/clm2\_setwrfexport.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/da\_soilm/clm2\_write\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/clm2\_writerestart.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_soilm/clsmf25\_write\_soilm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/da\_tws/clsmf25\_write\_tws.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/era5/finalize\_era5.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/climatology/get\_climatology.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/noah271\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/noah271\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/noah271\_settbot.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/noah271\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/noah32\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/noah32\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/noah32\_settbot.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/noah32\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_getLbandTbPred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_soilm/noah33\_getsmpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_getsnowpred\_PMWsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/noah33\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_map\_snow\_DI.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_qc\_PMWsnowobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/noah33\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/noah33\_settbot.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/da\_snow/noah33\_updatesnowvars\_scfda.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/noah33\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_getLbandTbPred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_soilm/noah36\_getsmpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_getsnowpred\_PMWsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/noah36\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_map\_snow\_DI.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_qc\_PMWsnowobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/noah36\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/noah36\_settbot.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snow/noah36\_updatesnowvars\_scfda.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/noah36\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_getLbandTbPred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_soilm/noah39\_getsmpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/noah39\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/noah39\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/noah39\_settbot.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/noah39\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_LAI/noahmp36\_getLAIpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_albedo/noahmp36\_getalbedopred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_soilm/noahmp36\_getsmpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_soilm/noahmp401\_getsmpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/ANSA\_SCF/read\_ANSASCFsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/ANSA\_SNWD/read\_ANSASNWDsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../optUE/type/paramestim/obs/CNRS/read\_CNRSdata\_MPDI.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/LPRM\_AMSREsm/read\_LPRM\_AMSREsm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/MODIS\_SPORT\_LAI/read\_MODISsportLAI.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/NASA\_SMAPsm/read\_NASASMAPsm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/NASA\_SMAPvod/read\_NASASMAPvod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/PMW\_snow/read\_PMW\_snow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SMAP\_NRTsm/read\_SMAPNRTsm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SMMR\_SNWD/read\_SMMRSNWDsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SMOPS\_ASCATsm/read\_SMOPS\_ASCATsm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SMOS\_NESDIS/read\_SMOSNESDISsm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/SSMI\_SNWD/read\_SSMISNWDsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/pildas/read\_pildassmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/syntheticsm/read\_syntheticsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/climatology/readcrd\_climatology.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/pptEnsFcst/readcrd\_pptEnsFcst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/climatology/reset\_climatology.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/pptEnsFcst/reset\_pptEnsFcst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_soilm/ruc37\_getLbandTbPred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_getsnowpred\_PMWsnow.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_map\_snow\_DI.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_qc\_PMWsnowobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/da\_snow/ruc37\_updatesnowvars\_scfda.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/pildas/write\_pildassmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/syntheticsm/write\_syntheticsmobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/syntheticwl/write\_syntheticwlobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/ASO\_SWE/ASO\_SWE\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_metforcing\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/ESACCI\_sm/ESACCI\_sm\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/GCOMW\_AMSR2L3SND/GCOMW\_AMSR2L3SND\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/GLASS\_Albedo/GLASSalbedo\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/GLASS\_LAI/GLASSlai\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/perturb/gmaopert/gmaopert\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_lsmda\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_optUEAlgorithm\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/ASO\_SWE/read\_ASO\_SWE.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/ESACCI\_sm/read\_ESACCIsm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/GCOMW\_AMSR2L3SND/read\_GCOMW\_AMSR2L3SND.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/GLASS\_Albedo/read\_GLASSalbedo.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/GLASS\_LAI/read\_GLASSlai.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_metforcingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_DAobs\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_routingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/HYMAP2\_routingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_lsmMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../irrigation/drip/drip\_irrigationMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../irrigation/flood/flood\_irrigationMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../irrigation/sprinkler/sprinkler\_irrigationMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_lsmrouting\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/main/clm2\_atmdrvMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_paramsMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/NLDAS\_router/NLDAS\_routingMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../apps/landslide/TRIGRS/TRIGRSMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/NLDAS\_router/NLDAS\_routing\_output.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/NLDAS\_router/NLDAS\_routing\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/NLDAS\_router/NLDAS\_routing\_run.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/NLDAS\_router/NLDAS\_routing\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/NoahMP36\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/NoahMP36\_main.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/NoahMP401\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/RUC37\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/cable\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/cable/cpl\_wrf\_noesmf/cable\_wrf\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clm2/cpl\_wrf\_noesmf/clm2\_wrf\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/clsmf25\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/routing/clsmf25\_getrunoffs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/routing/clsmf25\_getrunoffs\_hymap2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/clsm.f2.5/routing/clsmf25\_getrunoffs\_mm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/geowrsi.2/geowrsi2\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/PALSmetdata/get\_PALSmetdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42RT/get\_TRMM3B42RT.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42V6/get\_TRMM3B42V6.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/WRFout/get\_WRFout.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/era5/get\_era5.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gefs/get\_gefs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genEnsFcst/get\_genEnsFcst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/geos5fcst/get\_geos5fcst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gswp2/get\_gswp2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/merra2/get\_merra2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/narr/get\_narr.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nldas2/get\_nldas2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/pptEnsFcst/get\_pptEnsFcst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/scan/get\_scan.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/snotel/get\_snotel.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/hyssib/hyssib\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/narr/interp\_narrfield.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/mosaic/mos\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/noah271\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/routing/noah271\_getrunoffs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/routing/noah271\_getrunoffs\_mm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.2.7.1/cpl\_wrf\_noesmf/noah271\_wrf\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/noah32\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/routing/noah32\_getrunoffs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/routing/noah32\_getrunoffs\_mm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.2/cpl\_wrf\_noesmf/noah32\_wrf\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/noah33\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/routing/noah33\_getrunoffs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/routing/noah33\_getrunoffs\_et.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/routing/noah33\_getrunoffs\_mm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.3/cpl\_wrf\_noesmf/noah33\_wrf\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/noah36\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/routing/noah36\_getrunoffs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/routing/noah36\_getrunoffs\_mm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/da\_snodep/noah36\_map\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.6/cpl\_wrf\_noesmf/noah36\_wrf\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/noah39\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/routing/noah39\_getrunoffs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/routing/noah39\_getrunoffs\_mm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_snodep/noah39\_map\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noah.3.9/da\_usafsi/noah39\_map\_usafsi.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/routing/noahmp36\_getrunoffs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/routing/noahmp36\_getrunoffs\_hymap2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/routing/noahmp36\_getrunoffs\_mm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/routing/noahmp36\_getsws\_hymap2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.3.6/da\_snodep/noahmp36\_map\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/routing/noahmp401\_getrunoffs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/routing/noahmp401\_getrunoffs\_hymap2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/routing/noahmp401\_getrunoffs\_mm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_snodep/noahmp401\_map\_snodep.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/noahmp.4.0.1/da\_usafsi/noahmp401\_map\_usafsi.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/noahmp.3.9.1.1/noahmpglacier3911\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/noahmp.3.9.1.1/routing/noahmpglacier3911\_getrunoffs\_hymap2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/noahmp.3.9.1.1/routing/noahmpglacier3911\_getrunoffs\_mm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/AWAP/read\_AWAP.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/AWRAL/read\_AWRAL.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/Bondville/read\_Bondville.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/HiMAT\_GMU/read\_HiMATGMU.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/Loobos/read\_Loobos.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42RT/read\_TRMM3B42RT.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42RTV7/read\_TRMM3B42RTV7.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42V6/read\_TRMM3B42V6.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42V7/read\_TRMM3B42V7.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/WRFout/read\_WRFout.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/agrradps/read\_agrradps.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/chirps2/read\_chirps2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/cmap/read\_cmap.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/cmorph/read\_cmorph.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/ecmwf/read\_ecmwf.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/ecmwf/read\_ecmwf\_elev.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/era5/read\_era5.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/era5/read\_era5\_elev.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdas/read\_gdas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdasT1534/read\_gdasT1534.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdas/read\_gdas\_elev.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gefs/read\_gefs\_reforecast.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/geos5fcst/read\_geos5fcst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gfs/read\_gfs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gfs/read\_gfs\_elev.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gldas/read\_gldas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gswp1/read\_gswp1.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gswp2/read\_gswp2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/imerg/read\_imerg.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/merra2/read\_merra2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/merra2/read\_merra2\_elev.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/mrms/read\_mrms\_grib.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nam242/read\_nam242.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nam242/read\_nam242\_elev.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nldas2/read\_nldas2\_elev.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nldas2/read\_nldas2a.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nldas2/read\_nldas2b.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/pet\_usgs/read\_petusgs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/princeton/read\_princeton.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/princeton/read\_princeton\_elev.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/scan/read\_scan.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/snotel/read\_snotel.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/stg4/read\_stg4.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/RFE2Daily/readprecip\_RFE2Daily.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/routing/ruc37\_getrunoffs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/ruc.3.7/routing/ruc37\_getrunoffs\_mm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/glacier/template/templateGL\_getrunoffs\_mm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/openwater/template/templateOpenWater\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/template/template\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/AWAP/timeinterp\_AWAP.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/AWRAL/timeinterp\_AWRAL.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/Bondville/timeinterp\_Bondville.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/HiMAT\_GMU/timeinterp\_HiMATGMU.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/Loobos/timeinterp\_Loobos.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/PALSmetdata/timeinterp\_PALSmetdata.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/RFE2Daily/timeinterp\_RFE2Daily.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/RFE2gdas/timeinterp\_RFE2gdas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42RT/timeinterp\_TRMM3B42RT.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42RTV7/timeinterp\_TRMM3B42RTV7.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42V6/timeinterp\_TRMM3B42V6.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/3B42V7/timeinterp\_TRMM3B42V7.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/WRFout/timeinterp\_WRFout.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/agrradps/timeinterp\_agrradps.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/chirps2/timeinterp\_chirps2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/climatology/timeinterp\_climatology.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/cmap/timeinterp\_cmap.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/cmorph/timeinterp\_cmorph.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/ecmwf/timeinterp\_ecmwf.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/era5/timeinterp\_era5.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdas/timeinterp\_gdas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gdasT1534/timeinterp\_gdasT1534.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gefs/timeinterp\_gefs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genEnsFcst/timeinterp\_genEnsFcst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/geos5fcst/timeinterp\_geos5fcst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gfs/timeinterp\_gfs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gldas/timeinterp\_gldas.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gswp1/timeinterp\_gswp1.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/gswp2/timeinterp\_gswp2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/imerg/timeinterp\_imerg.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/merra2/timeinterp\_merra2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/genMetForc/timeinterp\_metForcGenerated.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/mrms/timeinterp\_mrms\_grib.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nam242/timeinterp\_nam242.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/narr/timeinterp\_narr.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/nldas2/timeinterp\_nldas2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/pet\_usgs/timeinterp\_petusgs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/pptEnsFcst/timeinterp\_pptEnsFcst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/princeton/timeinterp\_princeton.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/scan/timeinterp\_scan.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/snotel/timeinterp\_snotel.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/stg2/timeinterp\_stg2.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../metforcing/stg4/timeinterp\_stg4.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.1/vic411\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/vic412\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/routing/vic412\_getrunoffs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/vic.4.1.2.l/routing/vic412\_getrunoffs\_mm.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../surfacemodels/land/awral.6.0.0/AWRAL600\_f2t.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../rtms/LIS-CMEM3/CMEM3\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../rtms/CRTM2EM/CRTM2\_EMMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../apps/landslide/GLS/GLSMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/da\_WL/HYMAP2\_daWL\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/da\_WL/HYMAP2\_descale\_WL.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/da\_WL/HYMAP2\_getStateSpaceSize.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/da\_WL/HYMAP2\_getWL.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/da\_WL/HYMAP2\_getWLpred.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/HYMAP2\_model.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/HYMAP2\_model\_core.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/da\_WL/HYMAP2\_qcWL.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/da\_WL/HYMAP2\_qc\_WLobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/HYMAP2\_routing\_output.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/HYMAP2\_routing\_readrst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/HYMAP2\_routing\_run.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/HYMAP2\_routing\_writerst.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/da\_WL/HYMAP2\_scale\_WL.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/da\_WL/HYMAP2\_setPertStates.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/da\_WL/HYMAP2\_setWL.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../routing/HYMAP2\_router/da\_WL/HYMAP2\_updateWL.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_RTM\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/biasEstimation/gmaoBE/gmaobias\_estimationMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/ekf/ekf\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_surfaceModelMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/ensrf/ensrf\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/enksgrace/enksgrace\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_perturb\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_irrigationmodel\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_lsm\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../runmodes/smootherDA/smootherDA\_runMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../runmodes/agrmetmode/agrmet\_runMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../runmodes/RTMforward/RTMforward\_runMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../runmodes/forecast/forecast\_runMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../runmodes/paramEstimation/paramEstim\_runMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../runmodes/retrospective/retrospective\_runMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_routingda\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_routing\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_landslidemodel\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../runmodes/wrf\_cpl\_mode/liswrffinalize\_coupled.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../runmodes/wrf\_cpl\_mode/liswrfinit\_coupled.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../runmodes/wrf\_cpl\_mode/liswrfrun\_coupled.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../rtms/LIS-CMEM3/readCMEM3crd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../rtms/CRTM2EM/readCRTM2EMcrd.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/obs/syntheticwl/read\_syntheticwlobs.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../rtms/LIS-CMEM3/pe/obspred/AMSRE\_SR/CMEM3\_getpeobspred\_AMSRE\_SR.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../rtms/LIS-CMEM3/pe/CMEM3\_peMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../rtms/CRTM2EM/pe/obspred/AMSRE\_SR/CRTM2EM\_getpeobspred\_AMSRE\_SR.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../rtms/CRTM2EM/pe/obspred/CNRS/CRTM2EM\_getpeobspred\_CNRS.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../rtms/CRTM2EM/pe/obspred/CNRS/CRTM2EM\_getpeobspred\_CNRS\_MPDI.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../rtms/CRTM2EM/pe/CRTM2EM\_peMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../apps/landslide/GLS/pe\_raint/GLS\_getpeobspred\_raint.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../apps/landslide/GLS/pe\_raint/GLS\_param\_reset.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../apps/landslide/GLS/pe\_raint/GLS\_setdec\_raint.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_biasEstimation\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/pf/pf\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/enkf/enkf\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../dataassim/algorithm/di/directInsertion\_Mod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_runmode\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../rtms/LIS-CMEM3/pe/CMEM3\_set\_pedecvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../rtms/CRTM2EM/pe/CRTM2EM\_set\_pedecvars.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_RTMoptue\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../plugins/LIS\_dataassim\_pluginMod.F90

mpifort -c -O2 -u -traceback -fpe0 -nomixed\_str\_len\_arg -names lowercase -convert big\_endian -assume byterecl -DSPMD -DHIDE\_SHR\_MSG -DNO\_SHR\_VMATH -DIFC -DLINUX -I/util/opt/esmf/8.2/intel/19/mod/modO/Linux.intel.64.openmpi.default -DUSE\_INCLUDE\_MPI -I/util/opt/eccodes/2.24/intel/19.0/include/ -I/util/opt/netcdf/4.7/intel/19/include/ -I/util/opt/hdf-eos2/2.20/intel/19/include/ -I/util/opt/hdf4/4.2.15/intel/19/include/ -I/util/opt/hdf5/1.12/intel/19/include/ -DLIS\_JULES -I./ -I../core/ -I../params/gfrac/SPORTDaily/ -I../params/gfrac/VIIRSDaily/ -I../surfacemodels/land/vic.4.1.1/ -I../surfacemodels/land/vic.4.1.1/physics/ -I../surfacemodels/land/vic.4.1.2.l/ -I../surfacemodels/land/vic.4.1.2.l/physics/ -I../surfacemodels/land/awral.6.0.0/physics/ ../core/LIS\_initialize\_registries.F90

mpifort -o LIS AMSRE\_SR\_em\_obsMod.o ANSASCFsnow\_Mod.o ANSASNWDsnow\_Mod.o ARMdata\_module.o ARSsm\_obsMod.o ASO\_SWE\_Mod.o AWAP\_forcingMod.o AWAPfile.o AWRAL600\_coldstart.o AWRAL600\_dynsetup.o AWRAL600\_f2t.o AWRAL600\_finalize.o AWRAL600\_lsmMod.o AWRAL600\_main.o AWRAL600\_module.o AWRAL600\_readcrd.o AWRAL600\_readrst.o AWRAL600\_setup.o AWRAL600\_writerst.o AWRAL\_forcingMod.o Allocation.o AmerifluxobsMod.o BalanceCheck.o BareGroundFluxes.o Biogeophysics1.o Biogeophysics2.o Biogeophysics\_Lake.o Bondville\_forcingMod.o CMEM3\_Mod.o CMEM3\_getpeobspred\_AMSRE\_SR.o CMEM3\_param\_reset.o CMEM3\_peMod.o CMEM3\_set\_pedecvars.o CMEM3\_setupobspred\_AMSRE\_SR.o CNRS\_em\_obsMod.o CRTM2EM\_getpeobspred\_AMSRE\_SR.o CRTM2EM\_getpeobspred\_CNRS.o CRTM2EM\_getpeobspred\_CNRS\_MPDI.o CRTM2EM\_peMod.o CRTM2EM\_set\_pedecvars.o CRTM2EM\_setupobspred\_AMSRE\_SR.o CRTM2EM\_setupobspred\_CNRS.o CRTM2\_EMMod.o CalcAerodynamic.o CalcBlowingSnow.o CanopyFluxes.o CombineSnowLayers.o Combo.o DEMCAlgorithm.o DEMC\_varctl.o DEMCzAlgorithm.o DEMCz\_varctl.o DivideSnowLayers.o Drainage.o ESACCI\_sm\_Mod.o ESPboot\_Mod.o ESPconv\_Mod.o ES\_varctl.o EcosystemDyn.o Empty\_obsMod.o EnumeratedSearch.o FLUXNETdata\_module.o FTable.o Fire.o FireSeason.o FrictionVelocity.o GA\_varctl.o GCOMW\_AMSR2L3SND\_Mod.o GLASSalbedo\_Mod.o GLASSlai\_Mod.o GLSMod.o GLS\_getpeobspred\_raint.o GLS\_param\_reset.o GLS\_qcdec\_raint.o GLS\_setdec\_raint.o GLS\_setupobspred\_raint.o GRACEobs\_module.o GeneticAlgorithm.o GlobalLSDataMod.o HYMAP2\_daWL\_Mod.o HYMAP2\_descale\_WL.o HYMAP2\_evapMod.o HYMAP2\_getStateSpaceSize.o HYMAP2\_getWL.o HYMAP2\_getWLpred.o HYMAP2\_initMod.o HYMAP2\_model.o HYMAP2\_modelMod.o HYMAP2\_model\_core.o HYMAP2\_qcWL.o HYMAP2\_qc\_WLobs.o HYMAP2\_resopMod.o HYMAP2\_routingMod.o HYMAP2\_routing\_output.o HYMAP2\_routing\_readrst.o HYMAP2\_routing\_run.o HYMAP2\_routing\_writerst.o HYMAP2\_scale\_WL.o HYMAP2\_setPertStates.o HYMAP2\_setWL.o HYMAP2\_updateWL.o HYMAP2\_write\_WL.o HiMATGMU\_forcingMod.o HiMATGMUfile.o Hydrology1.o Hydrology2.o Hydrology\_Lake.o ISCCP\_Tskinobs\_module.o ISMNsm\_obsMod.o IceEnergyBalance.o Infiltration.o Kill.o LISWRFGridCompMod.o LISWRFexport\_module.o LISWRFimport\_module.o LIS\_DAobs\_pluginMod.o LIS\_DAobservationsMod.o LIS\_FORC\_AttributesMod.o LIS\_LMLCMod.o LIS\_ObjFunc\_pluginMod.o LIS\_PE\_HandlerMod.o LIS\_PEobs\_pluginMod.o LIS\_PRIV\_gridMod.o LIS\_PRIV\_rcMod.o LIS\_PRIV\_tileMod.o LIS\_RTMMod.o LIS\_RTM\_FTable.o LIS\_RTM\_pluginMod.o LIS\_RTMoptue\_pluginMod.o LIS\_String\_Utility.o LIS\_XMRG\_Reader.o LIS\_alb\_FTable.o LIS\_albedoMod.o LIS\_appMod.o LIS\_biasEstimation\_pluginMod.o LIS\_biasestim\_FTable.o LIS\_constantsMod.o LIS\_coreMod.o LIS\_create\_subdirs.o LIS\_dataAssimMod.o LIS\_dataassim\_FTable.o LIS\_dataassim\_pluginMod.o LIS\_domainMod.o LIS\_domain\_FTable.o LIS\_emissMod.o LIS\_emiss\_FTable.o LIS\_fileIOMod.o LIS\_forecastAlg\_FTable.o LIS\_forecastAlg\_pluginMod.o LIS\_forecastMod.o LIS\_gfrac\_FTable.o LIS\_glacierModelMod.o LIS\_glaciermodel\_FTable.o LIS\_glaciermodel\_pluginMod.o LIS\_glacierrouting\_pluginMod.o LIS\_gridmappingMod.o LIS\_gswpMod.o LIS\_histDataMod.o LIS\_historyMod.o LIS\_initialize\_registries.o LIS\_irrigationMod.o LIS\_irrigation\_FTable.o LIS\_irrigationmodel\_pluginMod.o LIS\_laisai\_FTable.o LIS\_lakemodelMod.o LIS\_lakemodel\_FTable.o LIS\_lakemodel\_pluginMod.o LIS\_landslideMod.o LIS\_landslide\_FTable.o LIS\_landslidemodel\_pluginMod.o LIS\_logMod.o LIS\_log\_msgC.o LIS\_lsmMod.o LIS\_lsm\_FTable.o LIS\_lsm\_pluginMod.o LIS\_lsmcpl\_pluginMod.o LIS\_lsmda\_pluginMod.o LIS\_lsmirrigation\_pluginMod.o LIS\_lsmoptue\_pluginMod.o LIS\_lsmrouting\_pluginMod.o LIS\_lsmrtm\_pluginMod.o LIS\_mapSoilType.o LIS\_mapSurfaceModelType.o LIS\_memory\_managementC.o LIS\_metforcingMod.o LIS\_metforcing\_FTable.o LIS\_metforcing\_pluginMod.o LIS\_microMetCorrection.o LIS\_mpDecomp.o LIS\_mpiMod.o LIS\_numerRecipesMod.o LIS\_openwater\_FTable.o LIS\_openwatermodelMod.o LIS\_openwatermodel\_pluginMod.o LIS\_optUEAlgorithm\_pluginMod.o LIS\_optUEMod.o LIS\_optUE\_FTable.o LIS\_param\_pluginMod.o LIS\_paramsMod.o LIS\_perturbMod.o LIS\_perturb\_FTable.o LIS\_perturb\_pluginMod.o LIS\_pluginIndices.o LIS\_precisionMod.o LIS\_process\_cmd\_args.o LIS\_ran2\_gasdev.o LIS\_readConfig.o LIS\_readDAObsAttributes.o LIS\_readPEDecSpaceAttributes.o LIS\_roughness\_FTable.o LIS\_routingMod.o LIS\_routing\_FTable.o LIS\_routing\_pluginMod.o LIS\_routingda\_pluginMod.o LIS\_runmode\_FTable.o LIS\_runmode\_pluginMod.o LIS\_runoffdata\_FTable.o LIS\_runoffdata\_pluginMod.o LIS\_snowMod.o LIS\_soilsMod.o LIS\_spatialDownscalingMod.o LIS\_surfaceModelDataMod.o LIS\_surfaceModelMod.o LIS\_tbotAdjustMod.o LIS\_timeMgrMod.o LIS\_topoMod.o LIS\_vegDataMod.o LISrunoffdataMod.o LLobjFunc\_Mod.o LM\_varctl.o LMobjFunc\_Mod.o LPRM\_AMSREsm\_Mod.o LPRM\_AMSREsm\_obsMod.o LSobjFunc\_Mod.o LatentHCond.o LevenbergMarquardt.o LitterSOM.o Loobos\_forcingMod.o MCSIMAlgorithm.o MCSIM\_varctl.o MODISsportLAI\_Mod.o MaconLSDataMod.o MoninObukIni.o Mortality.o NASASMAPsm\_Mod.o NASASMAPvod\_Mod.o NLDAS\_routingMod.o NLDAS\_routing\_output.o NLDAS\_routing\_readrst.o NLDAS\_routing\_run.o NLDAS\_routing\_writerst.o NoahMP36\_coldstart.o NoahMP36\_dynsetup.o NoahMP36\_f2t.o NoahMP36\_finalize.o NoahMP36\_getpeobspred\_ARSsmobs.o NoahMP36\_getpeobspred\_ISMNsmobs.o NoahMP36\_getpeobspred\_SMAPsmobs.o NoahMP36\_lsmMod.o NoahMP36\_main.o NoahMP36\_module.o NoahMP36\_peMod.o NoahMP36\_readcrd.o NoahMP36\_readrst.o NoahMP36\_reset.o NoahMP36\_set\_pedecvars.o NoahMP36\_setup.o NoahMP36\_setupobspred\_ARSsmobs.o NoahMP36\_setupobspred\_ISMNsmobs.o NoahMP36\_setupobspred\_SMAPsmobs.o NoahMP36\_writerst.o NoahMP401\_coldstart.o NoahMP401\_dynsetup.o NoahMP401\_f2t.o NoahMP401\_finalize.o NoahMP401\_getpeobspred\_UAsnowobs.o NoahMP401\_lsmMod.o NoahMP401\_main.o NoahMP401\_module.o NoahMP401\_peMod.o NoahMP401\_read\_OPT\_parameters.o NoahMP401\_readcrd.o NoahMP401\_readrst.o NoahMP401\_reset.o NoahMP401\_set\_pedecvars.o NoahMP401\_setup.o NoahMP401\_setupobspred\_UAsnowobs.o NoahMP401\_writerst.o PALSmetdata\_forcingMod.o PMW\_snow\_Mod.o PhaseChange.o Phenology.o PobjFunc\_Mod.o QSatclm.o RFE2Daily\_forcingMod.o RFE2gdas\_forcingMod.o RTMforward\_runMod.o RUC37\_coldstart.o RUC37\_dynsetup.o RUC37\_f2t.o RUC37\_finalize.o RUC37\_lsmMod.o RUC37\_main.o RUC37\_module.o RUC37\_readcrd.o RUC37\_readrst.o RUC37\_setup.o RUC37\_writerst.o RWMCMCAlgorithm.o RWMCMC\_varctl.o Reproduction.o SCEUA\_varctl.o SMAPNRTsm\_Mod.o SMAPsm\_obsMod.o SMMRSNWDsnow\_Mod.o SMOPS\_ASCATsm\_Mod.o SMOSNESDISsm\_Mod.o SNODEPobs\_Mod.o SOIL\_VEG\_GEN\_PARM\_36.o SPORTgfracMod.o SSMISNWDsnow\_Mod.o SensibleHCond.o ShuffledComplexEvolution.o SnowAge.o SnowAlbedo.o SnowCompaction.o SnowPackEnergyBalance.o SnowWater.o SoilAlbedo.o SoilTemperature.o SoilThermProp.o SoilWater.o StabilityCorrection.o StabilityFunc.o Stomata.o SurfaceAlbedo.o SurfaceRadiation.o SurfaceRunoff.o TRIGRSMod.o TRMM3B42RTV7\_forcingMod.o TRMM3B42RT\_forcingMod.o TRMM3B42V6\_forcingMod.o TRMM3B42V7\_forcingMod.o TauOmegaRTM\_Mod.o Tridiagonal.o Turnover.o TwoStream.o UAsnow\_obsMod.o USAFSIobs\_Mod.o USDA\_ARSsm\_obsMod.o UTM\_utils.o VIIRSgfracMod.o WRFout\_forcingMod.o WetIceHydrology.o accumDGVM.o advected\_sensible\_heat.o agrlwdn.o agrmet\_runMod.o agrradps\_filenames.o agrradps\_forcingMod.o alloc\_atmos.o allocate\_cable\_vars.o arno\_evap.o atm\_lndMod.o awral.o bilinear\_interp.o bilinear\_interp\_input.o bilinear\_interp\_input\_withgrid.o breakpt\_module.o cable\_air.o cable\_albedo.o cable\_arrays.o cable\_canopy.o cable\_canopy\_vh.o cable\_carbon.o cable\_coldstart.o cable\_dimensions.o cable\_driver.o cable\_dynsetup.o cable\_f2t.o cable\_finalize.o cable\_listime.o cable\_lsmMod.o cable\_main\_module.o cable\_math\_constants.o cable\_module.o cable\_other\_constants.o cable\_photosynthetic\_constants.o cable\_physical\_constants.o cable\_radiation.o cable\_readcrd.o cable\_readrst.o cable\_roughness.o cable\_setsoilparms.o cable\_setup.o cable\_setvegparms.o cable\_setwrfexport.o cable\_sli\_main.o cable\_sli\_numbers.o cable\_sli\_roots.o cable\_sli\_solve.o cable\_sli\_utils.o cable\_soilsnow.o cable\_types.o cable\_wrf\_f2t.o cable\_writerst.o calc\_air\_temperature.o calc\_atmos\_energy\_bal.o calc\_forcing\_stats.o calc\_longwave.o calc\_rainonly.o calc\_root\_fraction.o calc\_snow\_coverage.o calc\_surf\_energy\_bal.o calc\_veg\_params.o calc\_water\_energy\_balance\_errors.o canhtset.o canopy\_evap.o check\_files.o check\_state\_file.o chirps2\_forcingMod.o climatology\_SpatialInterpMod.o climatology\_VariablesMod.o climatology\_forcingMod.o clm2\_accumulMod.o clm2\_areaMod.o clm2\_atmdrvMod.o clm2\_descale\_lst.o clm2\_descale\_snow.o clm2\_descale\_soilm.o clm2\_dynsetup.o clm2\_finalize.o clm2\_getlst.o clm2\_getsnowvars.o clm2\_getsnwdpred.o clm2\_getsoilm.o clm2\_getswepred.o clm2\_getsynlstpred.o clm2\_getsynsmpred.o clm2\_lairead.o clm2\_lsmMod.o clm2\_main.o clm2\_map\_sca.o clm2\_qc\_snowobs.o clm2\_qclst.o clm2\_qcsnow.o clm2\_qcsoilm.o clm2\_readrestart.o clm2\_scale\_lst.o clm2\_scale\_snow.o clm2\_scale\_soilm.o clm2\_setlst.o clm2\_setsnowvars.o clm2\_setsoilm.o clm2\_setup.o clm2\_setwrfexport.o clm2\_shr\_const\_mod.o clm2\_shr\_file\_mod.o clm2\_shr\_kind\_mod.o clm2\_shr\_msg\_mod.o clm2\_shr\_orb\_mod.o clm2\_shr\_sys\_mod.o clm2\_shr\_timer\_mod.o clm2\_shr\_vmath\_fwrap.o clm2\_shr\_vmath\_mod.o clm2\_transform\_obssca.o clm2\_updatesnowvars.o clm2\_updatesoilm.o clm2\_varcon.o clm2\_varpar.o clm2\_varsur.o clm2\_wrf\_f2t.o clm2\_write\_soilm.o clm2\_writerestart.o clm2type.o close\_files.o clsmf25\_DragCoefficientsMod.o clsmf25\_MAPL\_constants.o clsmf25\_compute\_land\_parameters.o clsmf25\_constants.o clsmf25\_dasnow\_Mod.o clsmf25\_dasoilm\_Mod.o clsmf25\_datws\_Mod.o clsmf25\_descale\_snow.o clsmf25\_descale\_soilm.o clsmf25\_descale\_tws.o clsmf25\_diagn\_routines.o clsmf25\_drv\_types.o clsmf25\_dynsetup.o clsmf25\_esat\_qsat.o clsmf25\_f2t.o clsmf25\_finalize.o clsmf25\_getirrigationstates.o clsmf25\_getrunoffs.o clsmf25\_getrunoffs\_hymap2.o clsmf25\_getrunoffs\_mm.o clsmf25\_getsmpred.o clsmf25\_getsnowvars.o clsmf25\_getsnwdpred.o clsmf25\_getsoilm.o clsmf25\_gettws.o clsmf25\_gettwspred.o clsmf25\_lsmMod.o clsmf25\_main.o clsmf25\_model.o clsmf25\_modis\_alb\_types.o clsmf25\_pmonth\_stage4.o clsmf25\_qc\_snowobs.o clsmf25\_qc\_soilmobs.o clsmf25\_qc\_twsobs.o clsmf25\_qcsnow.o clsmf25\_qcsoilm.o clsmf25\_qctws.o clsmf25\_readcrd.o clsmf25\_readrst.o clsmf25\_relayer\_snow.o clsmf25\_reset.o clsmf25\_scale\_snow.o clsmf25\_scale\_soilm.o clsmf25\_scale\_tws.o clsmf25\_setsnowvars.o clsmf25\_setsoilm.o clsmf25\_settws.o clsmf25\_setup.o clsmf25\_sibalb\_coeff.o clsmf25\_snow\_DAlog.o clsmf25\_soilm\_DAlog.o clsmf25\_surfacelayer.o clsmf25\_turb.o clsmf25\_tws\_DAlogMod.o clsmf25\_types.o clsmf25\_update\_tws.o clsmf25\_updatesnowvars.o clsmf25\_updatesoilm.o clsmf25\_write\_soilm.o clsmf25\_write\_tws.o clsmf25\_writerst.o clsmf25\_wrtswe.o cm\_readzipf.o cmap\_forcingMod.o cmap\_reset\_interp\_input.o cmd\_proc.o cmorph\_forcingMod.o compress\_files.o computeLLestimate.o computeLMestimate.o computeLSestimate.o computePestimate.o compute\_earth\_coord.o compute\_earth\_coord\_UTM.o compute\_earth\_coord\_ease.o compute\_earth\_coord\_gauss.o compute\_earth\_coord\_hrap.o compute\_earth\_coord\_lambert.o compute\_earth\_coord\_latlon.o compute\_earth\_coord\_latlon\_ll.o compute\_earth\_coord\_ll.o compute\_earth\_coord\_merc.o compute\_earth\_coord\_polar.o compute\_grid\_coord.o compute\_grid\_coord\_ease.o compute\_grid\_coord\_gauss.o compute\_grid\_coord\_hrap.o compute\_grid\_coord\_lambert.o compute\_grid\_coord\_latlon.o compute\_grid\_coord\_merc.o compute\_grid\_coord\_polar.o compute\_pot\_evap.o compute\_stnwts.o compute\_treeline.o compute\_vinterp\_weights.o compute\_zwt.o conserv\_interp.o conserv\_interp\_input.o conserv\_interp\_input\_withgrid.o correct\_precip.o create\_filelist.o create\_gdasT1534filename.o create\_gdasf9\_filename.o create\_gdasfilename.o create\_gfs\_f0backup\_filename.o create\_gfsfilename.o create\_nam242f9\_filename.o create\_nam242filename.o defineLocalDomain.o diff\_lon.o directInsertion\_Mod.o display\_current\_settings.o dist\_prec.o drip\_irrigationMod.o easeV2\_utils.o ecmwf\_forcingMod.o ekf\_Mod.o enkf\_Mod.o enkf\_general.o enkf\_types.o enks\_general.o enks\_lu\_decomp.o enks\_matrix\_functions.o enks\_types.o enksgrace\_Mod.o ensrf\_Mod.o ensrf\_general.o ensrf\_types.o era5\_forcingMod.o estimate\_T1.o ezlh\_convert.o ezlh\_inverse.o fbil\_module.o fillgaps\_gldas.o fillgaps\_gswp2.o finalize\_AWAP.o finalize\_AWRAL.o finalize\_Bondville.o finalize\_HiMATGMU.o finalize\_Loobos.o finalize\_PALSmetdata.o finalize\_RFE2Daily.o finalize\_RFE2gdas.o finalize\_TRMM3B42RT.o finalize\_TRMM3B42RTV7.o finalize\_TRMM3B42V6.o finalize\_TRMM3B42V7.o finalize\_WRFout.o finalize\_agrradps.o finalize\_chirps2.o finalize\_climatology.o finalize\_cmap.o finalize\_cmorph.o finalize\_ecmwf.o finalize\_era5.o finalize\_gdas.o finalize\_gdasT1534.o finalize\_gefs.o finalize\_genEnsFcst.o finalize\_geos5fcst.o finalize\_gfs.o finalize\_gldas.o finalize\_gswp1.o finalize\_gswp2.o finalize\_imerg.o finalize\_merra2.o finalize\_metForcGenerated.o finalize\_metForcTemplate.o finalize\_mrms\_grib.o finalize\_nam242.o finalize\_narr.o finalize\_nldas2.o finalize\_petusgs.o finalize\_pptEnsFcst.o finalize\_princeton.o finalize\_scan.o finalize\_snotel.o finalize\_stg2.o finalize\_stg4.o finalize\_vic411.o finalize\_vic412.o find\_min\_tfactor.o finterp\_gswp2.o flood\_irrigationMod.o fmktime.o forecast\_runMod.o free\_dist\_prcp.o free\_vegcon.o frozen\_soil.o fsvp.o full\_energy.o func\_atmos\_energy\_bal.o func\_atmos\_moist\_bal.o func\_canopy\_energy\_bal.o func\_surf\_energy\_bal.o gaussian\_quadrature.o gaussian\_routines.o gausslat.o gdasT1534\_forcingMod.o gdas\_forcingMod.o gdas\_reset\_interp\_input.o gefs\_forcingMod.o genEnsFcst\_SpatialInterpMod.o genEnsFcst\_VariablesMod.o genEnsFcst\_forcingMod.o geos5fcst\_forcingMod.o geowrsi2\_arraymgmt\_module.o geowrsi2\_dynsetup.o geowrsi2\_f2t.o geowrsi2\_finalize.o geowrsi2\_lsmMod.o geowrsi2\_main.o geowrsi2\_module.o geowrsi2\_physics\_module.o geowrsi2\_readInputSettings.o geowrsi2\_readSOS\_Bilfile.o geowrsi2\_readcrd.o geowrsi2\_readrst.o geowrsi2\_set\_gcoords.o geowrsi2\_setup.o geowrsi2\_writeSOS\_Bilfile.o geowrsi2\_writerst.o get\_AWAP.o get\_AWRAL.o get\_Bondville.o get\_HiMATGMU.o get\_Loobos.o get\_PALSmetdata.o get\_RFE2Daily.o get\_RFE2gdas.o get\_TRMM3B42RT.o get\_TRMM3B42RTV7.o get\_TRMM3B42V6.o get\_TRMM3B42V7.o get\_WRFout.o get\_agrradps.o get\_chirps2.o get\_climatology.o get\_climatology\_filename.o get\_cmap.o get\_cmorph.o get\_dist.o get\_ecmwf.o get\_era5.o get\_fieldpos.o get\_force\_type.o get\_gdas.o get\_gdasT1534.o get\_gefs.o get\_genEnsFcst.o get\_genEnsFcst\_filename.o get\_geos5fcst.o get\_gesdisc\_filenames.o get\_gfs.o get\_gldas.o get\_global\_param.o get\_gswp1.o get\_gswp2.o get\_imerg.o get\_max\_snow\_temp.o get\_merra2.o get\_metForcGen\_filename.o get\_metForcGenerated.o get\_metForcTemplate.o get\_mrms\_grib.o get\_nam242.o get\_narr.o get\_ncep\_filenames.o get\_nldas2.o get\_petusgs.o get\_pptEnsFcst.o get\_pptEnsFcst\_filename.o get\_princeton.o get\_scan.o get\_snotel.o get\_stg2.o get\_stg4.o gfs\_forcingMod.o gldas\_forcingMod.o gmaobias\_estimationMod.o gmaopert\_Mod.o grids.o gswp1\_forcingMod.o gswp2\_forcingMod.o hrapToLatLon.o hyssib\_coldstart.o hyssib\_dynsetup.o hyssib\_f2t.o hyssib\_finalize.o hyssib\_gfrac.o hyssib\_lsmMod.o hyssib\_main.o hyssib\_mapvegc.o hyssib\_module.o hyssib\_readcrd.o hyssib\_readrst.o hyssib\_settbot.o hyssib\_settopostd.o hyssib\_setup.o hyssib\_setvegparms.o hyssib\_totinit.o hyssib\_writerst.o hyssibalb\_module.o hyssibveg\_module.o ice\_melt.o idw\_module.o imerg\_forcingMod.o iniTimeConst.o iniTimeVar.o initialize\_atmos.o initialize\_global.o initialize\_lake.o initialize\_model\_state.o initialize\_new\_storm.o initialize\_snow.o initialize\_soil.o initialize\_veg.o input\_file\_defs.o input\_vars.o interp\_AWAP.o interp\_AWRAL.o interp\_HiMATGMU.o interp\_TRMM3B42RT.o interp\_TRMM3B42RTV7.o interp\_TRMM3B42V6.o interp\_TRMM3B42V7.o interp\_agrradpsvar.o interp\_cmap.o interp\_cmorph.o interp\_gefs.o interp\_geos5fcst.o interp\_imerg.o interp\_mrms\_grib.o interp\_narrfield.o interp\_petusgs.o interp\_stg2.o interp\_stg4.o interp\_stndata.o kwm\_date\_utilities\_36.o kwm\_date\_utilities\_401.o kwm\_date\_utilities\_noahgl3911.o kwm\_date\_utilities\_ruc37.o lakes.eb.o landpert\_module.o landpert\_routines.o latent\_heat\_from\_snow.o latlonTohrap.o latlonTopolar.o lis\_scan\_soilparam\_flat\_ascii.o lisdrv.o liswrffinalize\_coupled.o liswrfinit\_coupled.o liswrfrun\_coupled.o lltops.o lnd\_atmMod.o make\_cell\_data.o make\_dist\_prcp.o make\_dmy.o make\_energy\_bal.o make\_in\_and\_outfiles.o make\_snow\_data.o make\_veg\_var.o map\_utils.o mapsib2umd.o massrelease.o merra2\_forcingMod.o metForcGen\_SpatialInterpMod.o metForcGen\_VariablesMod.o metForcGenerated\_forcingMod.o metForcTemplate\_forcingMod.o model\_vars.o modify\_Ksat.o module\_Noahlsm\_utility\_ruc37.o module\_model\_constants\_32.o module\_model\_constants\_33.o module\_model\_constants\_36.o module\_model\_constants\_39.o module\_model\_constants\_401.o module\_model\_constants\_ruc37.o module\_sf\_bem\_401.o module\_sf\_bep\_401.o module\_sf\_bep\_bem\_401.o module\_sf\_gecros\_401.o module\_sf\_myjsfc\_36.o module\_sf\_noah271lsm.o module\_sf\_noah32lsm.o module\_sf\_noah33lsm.o module\_sf\_noah33lsm\_glacial.o module\_sf\_noah36lsm.o module\_sf\_noah36lsm\_glacial.o module\_sf\_noah39lsm.o module\_sf\_noah39lsm\_glacial.o module\_sf\_noahlsm\_36.o module\_sf\_noahmp\_glacier.o module\_sf\_noahmp\_glacier\_401.o module\_sf\_noahmp\_groundwater\_401.o module\_sf\_noahmpdrv\_401.o module\_sf\_noahmpglacier3911.o module\_sf\_noahmplsm\_36.o module\_sf\_noahmplsm\_401.o module\_sf\_ruclsm\_ruc37.o module\_sf\_sfclay\_36.o module\_sf\_urban\_401.o module\_sfcdif\_wrf\_32.o module\_sfcdif\_wrf\_33.o module\_sfcdif\_wrf\_36.o module\_sfcdif\_wrf\_39.o module\_sfcdif\_wrf\_ruc37.o mos\_coldstart.o mos\_descale\_soilm.o mos\_f2t.o mos\_finalize.o mos\_getsoilm.o mos\_getsynsmpred.o mos\_lsmMod.o mos\_main.o mos\_module.o mos\_qcsoilm.o mos\_readrestart.o mos\_scale\_soilm.o mos\_setsoilm.o mos\_setup.o mos\_sfc2cmem3.o mos\_tile.o mos\_updatesoilm.o mos\_write\_soilm.o mos\_writerst.o mosdynp.o mqb\_module.o mrms\_grib\_forcingMod.o mrms\_gribfile.o mtclim\_vic.o mtclim\_wrapper.o mwSVM\_routines.o my\_lu\_decomp.o my\_matrix\_functions.o nam242\_forcingMod.o narr\_forcingMod.o neighbor\_interp.o neighbor\_interp\_input.o neighbor\_interp\_input\_withgrid.o newt\_raph\_func\_fast.o nldas2\_ec\_removal.o nldas2\_forcingMod.o noah271\_calc\_tskin.o noah271\_coldstart.o noah271\_dasnow\_Mod.o noah271\_dynsetup.o noah271\_f2t.o noah271\_finalize.o noah271\_getrunoffs.o noah271\_getrunoffs\_mm.o noah271\_getsnodepvars.o noah271\_lsmMod.o noah271\_main.o noah271\_map\_snodep.o noah271\_module.o noah271\_qcsnodep.o noah271\_readcrd.o noah271\_readrst.o noah271\_setsnodepvars.o noah271\_setsoils.o noah271\_settbot.o noah271\_setup.o noah271\_setvegparms.o noah271\_setwrfexport.o noah271\_transform\_snodep.o noah271\_updatesnodep.o noah271\_wrf\_f2t.o noah271\_writerst.o noah32\_coldstart.o noah32\_dynsetup.o noah32\_f2t.o noah32\_finalize.o noah32\_getrunoffs.o noah32\_getrunoffs\_mm.o noah32\_lsmMod.o noah32\_main.o noah32\_module.o noah32\_readcrd.o noah32\_readrst.o noah32\_setsoils.o noah32\_settbot.o noah32\_setup.o noah32\_setvegparms.o noah32\_setwrfexport.o noah32\_wrf\_f2t.o noah32\_writerst.o noah33\_coldstart.o noah33\_dasnow\_Mod.o noah33\_dasoilm\_Mod.o noah33\_descale\_snodep.o noah33\_descale\_snow.o noah33\_descale\_soilm.o noah33\_dynsetup.o noah33\_f2t.o noah33\_finalize.o noah33\_getLbandTbPred.o noah33\_getirrigationstates.o noah33\_getpeobspred\_FLUXNETobs.o noah33\_getpeobspred\_LPRMsmobs.o noah33\_getpeobspred\_USDA\_ARSsmobs.o noah33\_getrunoffs.o noah33\_getrunoffs\_et.o noah33\_getrunoffs\_mm.o noah33\_getscfpred.o noah33\_getsmpred.o noah33\_getsnodeppred.o noah33\_getsnodepvars.o noah33\_getsnowpred\_PMWsnow.o noah33\_getsnowvars.o noah33\_getsnwdpred.o noah33\_getsoilm.o noah33\_getswepred.o noah33\_lsmMod.o noah33\_main.o noah33\_map\_snodep.o noah33\_map\_snow.o noah33\_map\_snow\_DI.o noah33\_map\_swe.o noah33\_module.o noah33\_peMod.o noah33\_qc\_PMWsnowobs.o noah33\_qc\_scfobs.o noah33\_qc\_snodepobs.o noah33\_qc\_snowobs.o noah33\_qc\_soilmobs.o noah33\_qcsnodep.o noah33\_qcsnow.o noah33\_qcsoilm.o noah33\_readcrd.o noah33\_readrst.o noah33\_reset.o noah33\_scale\_snodep.o noah33\_scale\_snow.o noah33\_scale\_soilm.o noah33\_set\_pedecvars.o noah33\_setsnodepvars.o noah33\_setsnowvars.o noah33\_setsoilm.o noah33\_setsoils.o noah33\_settbot.o noah33\_setup.o noah33\_setupobspred\_FLUXNETobs.o noah33\_setupobspred\_LPRMsmobs.o noah33\_setupobspred\_USDA\_ARSsmobs.o noah33\_setvegparms.o noah33\_setwrfexport.o noah33\_sfc2cmem3.o noah33\_sfc2crtm.o noah33\_sfc2tauomega.o noah33\_transform\_snodep.o noah33\_transform\_snow.o noah33\_updatesnodep.o noah33\_updatesnowvars.o noah33\_updatesnowvars\_scfda.o noah33\_updatesoilm.o noah33\_wrf\_f2t.o noah33\_write\_soilm.o noah33\_writerst.o noah36\_coldstart.o noah36\_dasnow\_Mod.o noah36\_dasoilm\_Mod.o noah36\_descale\_snodep.o noah36\_descale\_snow.o noah36\_descale\_soilm.o noah36\_dynsetup.o noah36\_f2t.o noah36\_finalize.o noah36\_getLbandTbPred.o noah36\_getrunoffs.o noah36\_getrunoffs\_mm.o noah36\_getscfpred.o noah36\_getsmpred.o noah36\_getsnodeppred.o noah36\_getsnodepvars.o noah36\_getsnowpred\_PMWsnow.o noah36\_getsnowvars.o noah36\_getsnwdpred.o noah36\_getsoilm.o noah36\_getswepred.o noah36\_lsmMod.o noah36\_main.o noah36\_map\_snodep.o noah36\_map\_snow.o noah36\_map\_snow\_DI.o noah36\_map\_swe.o noah36\_module.o noah36\_peMod.o noah36\_qc\_PMWsnowobs.o noah36\_qc\_scfobs.o noah36\_qc\_snodepobs.o noah36\_qc\_snowobs.o noah36\_qc\_soilmobs.o noah36\_qcsnodep.o noah36\_qcsnow.o noah36\_qcsoilm.o noah36\_readcrd.o noah36\_readrst.o noah36\_reset.o noah36\_scale\_snodep.o noah36\_scale\_snow.o noah36\_scale\_soilm.o noah36\_set\_pedecvars.o noah36\_setsnodepvars.o noah36\_setsnowvars.o noah36\_setsoilm.o noah36\_setsoils.o noah36\_settbot.o noah36\_setup.o noah36\_setvegparms.o noah36\_setwrfexport.o noah36\_sfc2cmem3.o noah36\_transform\_snodep.o noah36\_transform\_snow.o noah36\_updatesnodep.o noah36\_updatesnowvars.o noah36\_updatesnowvars\_scfda.o noah36\_updatesoilm.o noah36\_wrf\_f2t.o noah36\_write\_soilm.o noah36\_writerst.o noah39\_coldstart.o noah39\_dasnow\_Mod.o noah39\_dasoilm\_Mod.o noah39\_descale\_snodep.o noah39\_descale\_soilm.o noah39\_descale\_usafsi.o noah39\_dynsetup.o noah39\_f2t.o noah39\_finalize.o noah39\_getLbandTbPred.o noah39\_getrunoffs.o noah39\_getrunoffs\_mm.o noah39\_getsmpred.o noah39\_getsnodeppred.o noah39\_getsnodepvars.o noah39\_getsoilm.o noah39\_getusafsipred.o noah39\_getusafsivars.o noah39\_lsmMod.o noah39\_main.o noah39\_map\_snodep.o noah39\_map\_usafsi.o noah39\_module.o noah39\_qc\_snodepobs.o noah39\_qc\_soilmobs.o noah39\_qc\_usafsiobs.o noah39\_qcsnodep.o noah39\_qcsoilm.o noah39\_qcusafsi.o noah39\_readcrd.o noah39\_readrst.o noah39\_reset.o noah39\_scale\_snodep.o noah39\_scale\_soilm.o noah39\_scale\_usafsi.o noah39\_setsnodepvars.o noah39\_setsoilm.o noah39\_setsoils.o noah39\_settbot.o noah39\_setup.o noah39\_setusafsivars.o noah39\_setvegparms.o noah39\_transform\_snodep.o noah39\_transform\_usafsi.o noah39\_updatesnodep.o noah39\_updatesoilm.o noah39\_updateusafsi.o noah39\_write\_soilm.o noah39\_writerst.o noahmp36\_LIS\_SVM.o noahmp36\_daalbedo\_Mod.o noahmp36\_dasnodep\_Mod.o noahmp36\_dasnowSVM\_Mod.o noahmp36\_dasnow\_Mod.o noahmp36\_dasoilm\_Mod.o noahmp36\_datws\_Mod.o noahmp36\_daveg\_Mod.o noahmp36\_descale\_albedo.o noahmp36\_descale\_snodep.o noahmp36\_descale\_snow.o noahmp36\_descale\_snowSVM.o noahmp36\_descale\_soilm.o noahmp36\_descale\_tws.o noahmp36\_descale\_veg.o noahmp36\_getLAIpred.o noahmp36\_getalbedopred.o noahmp36\_getalbedovars.o noahmp36\_getirrigationstates.o noahmp36\_getrunoffs.o noahmp36\_getrunoffs\_hymap2.o noahmp36\_getrunoffs\_mm.o noahmp36\_getsmpred.o noahmp36\_getsnodeppred.o noahmp36\_getsnodepvars.o noahmp36\_getsnowvars.o noahmp36\_getsnowvarsSVM.o noahmp36\_getsnwdpred.o noahmp36\_getsnwdpred\_TB.o noahmp36\_getsoilm.o noahmp36\_getswepred.o noahmp36\_getsws\_hymap2.o noahmp36\_gettws.o noahmp36\_gettwspred.o noahmp36\_getvegvars.o noahmp36\_map\_albedo.o noahmp36\_map\_snodep.o noahmp36\_map\_veg.o noahmp36\_qc\_LAIobs.o noahmp36\_qc\_albedoobs.o noahmp36\_qc\_snodepobs.o noahmp36\_qc\_snowobs.o noahmp36\_qc\_snowobsSVM.o noahmp36\_qc\_soilmobs.o noahmp36\_qc\_twsobs.o noahmp36\_qcalbedo.o noahmp36\_qcsnodep.o noahmp36\_qcsnow.o noahmp36\_qcsnowSVM.o noahmp36\_qcsoilm.o noahmp36\_qctws.o noahmp36\_qcveg.o noahmp36\_scale\_albedo.o noahmp36\_scale\_snodep.o noahmp36\_scale\_snow.o noahmp36\_scale\_snowSVM.o noahmp36\_scale\_soilm.o noahmp36\_scale\_tws.o noahmp36\_scale\_veg.o noahmp36\_setalbedovars.o noahmp36\_setsnodepvars.o noahmp36\_setsnowvars.o noahmp36\_setsnowvarsSVM.o noahmp36\_setsoilm.o noahmp36\_settws.o noahmp36\_setvegvars.o noahmp36\_sfc2cmem3.o noahmp36\_snodep\_update.o noahmp36\_snow\_update.o noahmp36\_transform\_albedo.o noahmp36\_transform\_snodep.o noahmp36\_transform\_veg.o noahmp36\_tws\_DAlogMod.o noahmp36\_updatealbedovars.o noahmp36\_updatesnodepvars.o noahmp36\_updatesnowvars.o noahmp36\_updatesnowvarsSVM.o noahmp36\_updatesoilm.o noahmp36\_updatetws.o noahmp36\_updatevegvars.o noahmp36\_wrf\_routines.o noahmp36\_write\_soilm.o noahmp36\_write\_tws.o noahmp401\_dasnodep\_Mod.o noahmp401\_dasnow\_Mod.o noahmp401\_dasoilm\_Mod.o noahmp401\_dausafsi\_Mod.o noahmp401\_descale\_snodep.o noahmp401\_descale\_snow.o noahmp401\_descale\_soilm.o noahmp401\_descale\_usafsi.o noahmp401\_getirrigationstates.o noahmp401\_getrunoffs.o noahmp401\_getrunoffs\_hymap2.o noahmp401\_getrunoffs\_mm.o noahmp401\_getsmpred.o noahmp401\_getsnodeppred.o noahmp401\_getsnodepvars.o noahmp401\_getsnowpred.o noahmp401\_getsnowvars.o noahmp401\_getsoilm.o noahmp401\_getusafsipred.o noahmp401\_getusafsivars.o noahmp401\_map\_snodep.o noahmp401\_map\_usafsi.o noahmp401\_qc\_snodepobs.o noahmp401\_qc\_snowobs.o noahmp401\_qc\_soilmobs.o noahmp401\_qc\_usafsiobs.o noahmp401\_qcsnodep.o noahmp401\_qcsnow.o noahmp401\_qcsoilm.o noahmp401\_qcusafsi.o noahmp401\_scale\_snodep.o noahmp401\_scale\_snow.o noahmp401\_scale\_soilm.o noahmp401\_scale\_usafsi.o noahmp401\_setsnodepvars.o noahmp401\_setsnowvars.o noahmp401\_setsoilm.o noahmp401\_setusafsivars.o noahmp401\_snodep\_update.o noahmp401\_snow\_update.o noahmp401\_transform\_snodep.o noahmp401\_transform\_usafsi.o noahmp401\_updatesnodepvars.o noahmp401\_updatesnowvars.o noahmp401\_updatesoilm.o noahmp401\_updateusafsivars.o noahmp401\_usafsi\_update.o noahmp401\_write\_soilm.o noahmp\_driver\_36.o noahmp\_driver\_401.o noahmpglacier3911\_Mod.o noahmpglacier3911\_coldstart.o noahmpglacier3911\_dynsetup.o noahmpglacier3911\_f2t.o noahmpglacier3911\_finalize.o noahmpglacier3911\_getrunoffs\_hymap2.o noahmpglacier3911\_getrunoffs\_mm.o noahmpglacier3911\_main.o noahmpglacier3911\_module.o noahmpglacier3911\_readcrd.o noahmpglacier3911\_readrst.o noahmpglacier3911\_setup.o noahmpglacier3911\_writerst.o normalize\_stnwts.o nr\_fft.o nr\_jacobi.o nr\_sort.o nrerror.o open\_file.o open\_state\_file.o output\_list\_utils.o pack\_model\_state.o paramEstim\_runMod.o paramb.o parse\_output\_info.o penman.o pesynsm1data\_module.o petusgs\_forcingMod.o pf\_Mod.o pf\_general.o pf\_types.o pft\_varcon.o pildassmobs\_module.o polarToLatLon.o polfixs.o pptEnsFcst\_SpatialInterpMod.o pptEnsFcst\_VariablesMod.o pptEnsFcst\_forcingMod.o prepare\_full\_energy.o princeton\_forcingMod.o pstoll.o put\_data.o random\_fields.o readCMEM3crd.o readCRTM2EMcrd.o readLISrunoffdata.o readRFE2gdascrd.o read\_ALMIPIIalbedo.o read\_ALMIPIIemiss.o read\_ALMIPIIgfrac.o read\_ALMIPIIlai.o read\_ALMIPIIroughness.o read\_AMSRE\_SRdata.o read\_ANSASCFsnow.o read\_ANSASNWDsnow.o read\_ARMdata.o read\_ARSsmobs.o read\_ASO\_SWE.o read\_AWAP.o read\_AWRAL.o read\_AmerifluxObs.o read\_Bondville.o read\_CNRSdata.o read\_CNRSdata\_MPDI.o read\_ESACCIsm.o read\_FLUXNETdata.o read\_GCOMW\_AMSR2L3SND.o read\_GLASSalbedo.o read\_GLASSlai.o read\_GRACEobs.o read\_GlobalLSObsdata.o read\_HiMATGMU.o read\_ISCCP\_Tskindata.o read\_ISMNsmobs.o read\_LPRM\_AMSREsm.o read\_LPRM\_AMSREsmdata.o read\_Loobos.o read\_MODISsportLAI.o read\_MaconLSObsdata.o read\_NASASMAPsm.o read\_NASASMAPvod.o read\_NESDISgfrac.o read\_PMW\_snow.o read\_SMAPNRTsm.o read\_SMAPsmobs.o read\_SMMRSNWDsnow.o read\_SMOPS\_ASCATsm.o read\_SMOSNESDISsm.o read\_SNODEPobs.o read\_SPORTgfrac.o read\_SSMISNWDsnow.o read\_TRMM3B42RT.o read\_TRMM3B42RTV7.o read\_TRMM3B42V6.o read\_TRMM3B42V7.o read\_UAsnowobs.o read\_USAFSIobs.o read\_USDA\_ARSsmdata.o read\_VIIRSgfrac.o read\_WRFout.o read\_agrradps.o read\_ameriflux\_station.o read\_atmos\_data.o read\_chirps2.o read\_cmap.o read\_cmorph.o read\_ecmwf.o read\_ecmwf\_elev.o read\_era5.o read\_era5\_elev.o read\_forcing\_data.o read\_gdas.o read\_gdasT1534.o read\_gdas\_elev.o read\_gefs\_reforecast.o read\_geos5fcst.o read\_gfs.o read\_gfs\_elev.o read\_gldas.o read\_gswp1.o read\_gswp2.o read\_gvf\_binary\_modis.o read\_gvf\_binary\_viirs.o read\_imerg.o read\_lakeparam.o read\_merra2.o read\_merra2\_elev.o read\_mrms\_grib.o read\_nam242.o read\_nam242\_elev.o read\_narr.o read\_nldas2\_elev.o read\_nldas2a.o read\_nldas2b.o read\_orig\_nldas2\_elevdiff.o read\_pesynsm1data.o read\_petusgs.o read\_pildassmobs.o read\_princeton.o read\_princeton\_elev.o read\_scan.o read\_snotel.o read\_snowband.o read\_soilparam.o read\_stg2.o read\_stg4.o read\_syntheticSnowTbObs.o read\_syntheticsmobs.o read\_syntheticsndobs.o read\_syntheticwlobs.o read\_templateObs.o read\_veglib.o read\_vegparam.o read\_wgPBMRsmdata.o readclm2crd.o readconfig\_chirps2.o readcrd\_AWAP.o readcrd\_AWRAL.o readcrd\_Bondville.o readcrd\_HiMATGMU.o readcrd\_Loobos.o readcrd\_PALSmetdata.o readcrd\_RFE2Daily.o readcrd\_TRMM3B42RT.o readcrd\_TRMM3B42RTV7.o readcrd\_TRMM3B42V6.o readcrd\_TRMM3B42V7.o readcrd\_WRFout.o readcrd\_agrradps.o readcrd\_climatology.o readcrd\_cmap.o readcrd\_cmorph.o readcrd\_ecmwf.o readcrd\_era5.o readcrd\_gdas.o readcrd\_gdasT1534.o readcrd\_gefs.o readcrd\_genEnsFcst.o readcrd\_geos5fcst.o readcrd\_gfs.o readcrd\_gldas.o readcrd\_gswp1.o readcrd\_gswp2.o readcrd\_imerg.o readcrd\_merra2.o readcrd\_metForcGenerated.o readcrd\_mrms\_grib.o readcrd\_nam242.o readcrd\_narr.o readcrd\_nldas2.o readcrd\_pptEnsFcst.o readcrd\_princeton.o readcrd\_scan.o readcrd\_snotel.o readcrd\_stg2.o readcrd\_stg4.o readmoscrd.o readpetusgscrd.o readprecip\_RFE2Daily.o readprecip\_RFE2gdas.o readtemplateOpenWatercrd.o readzipf.o redistribute\_during\_storm.o reproject\_RFE2Daily.o reproject\_RFE2gdas.o resetLLestimate.o resetLMestimate.o resetLSestimate.o resetPestimate.o reset\_AMSRE\_SRObsdata.o reset\_ARMdata.o reset\_ARSsmobs.o reset\_AWAP.o reset\_AWRAL.o reset\_CNRS\_em\_obs\_data.o reset\_FLUXNETdata.o reset\_GlobalLSObsData.o reset\_HiMATGMU.o reset\_ISMNsmobs.o reset\_LPRM\_AMSREsmObsdata.o reset\_PALSmetdata.o reset\_RFE2gdas.o reset\_SMAPsmobs.o reset\_UAsnowobs.o reset\_USDA\_ARSsm\_obs\_data.o reset\_WRFout.o reset\_chirps2.o reset\_climatology.o reset\_ecmwf.o reset\_era5.o reset\_gdas.o reset\_gdasT1534.o reset\_gefs.o reset\_genEnsFcst.o reset\_geos5fcst.o reset\_merra2.o reset\_metForcGenerated.o reset\_metForcTemplate.o reset\_mrms\_grib.o reset\_nam242.o reset\_nldas2.o reset\_pptEnsFcst.o reset\_princeton.o reset\_stg4.o reset\_templateObs.o reset\_wgPBMRsmdata.o retrospective\_runMod.o root\_brent.o ruc37\_dasnow\_Mod.o ruc37\_dasoilm\_Mod.o ruc37\_descale\_snow.o ruc37\_descale\_soilm.o ruc37\_getLbandTbPred.o ruc37\_getirrigationstates.o ruc37\_getrunoffs.o ruc37\_getrunoffs\_mm.o ruc37\_getscfpred.o ruc37\_getsmpred.o ruc37\_getsnowpred\_PMWsnow.o ruc37\_getsnowvars.o ruc37\_getsnwdpred.o ruc37\_getsoilm.o ruc37\_getswepred.o ruc37\_getsynsmpred.o ruc37\_map\_snow.o ruc37\_map\_snow\_DI.o ruc37\_map\_swe.o ruc37\_qc\_PMWsnowobs.o ruc37\_qc\_scfobs.o ruc37\_qc\_snowobs.o ruc37\_qc\_soilmobs.o ruc37\_qcsnow.o ruc37\_qcsoilm.o ruc37\_scale\_snow.o ruc37\_scale\_soilm.o ruc37\_setsnowvars.o ruc37\_setsoilm.o ruc37\_transform\_snow.o ruc37\_updatesnowvars.o ruc37\_updatesnowvars\_scfda.o ruc37\_updatesoilm.o ruc37\_write\_soilm.o ruc\_debug.o ruc\_driver\_37.o runoff.o scan\_forcingMod.o set\_output\_defaults.o set\_vegparam.o setmosp.o setup\_ALMIPIIalbedo.o setup\_ALMIPIIemiss.o setup\_ALMIPIIgfrac.o setup\_ALMIPIIlai.o setup\_ALMIPIIroughness.o setup\_NESDISgfrac.o setup\_SPORTgfrac.o setup\_VIIRSgfrac.o setup\_vic411.o setup\_vic412.o sibalb\_module.o smootherDA\_runMod.o snotel\_forcingMod.o snow\_intercept.o snow\_melt.o snow\_utility.o snowdp2lev.o snsoidxyTolatlon.o soil\_conduction.o soil\_thermal\_eqn.o solve\_snow.o sprinkler\_irrigationMod.o stg2\_forcingMod.o stg2file.o stg4\_forcingMod.o stg4file.o stninterp\_module.o surfFileMod.o surface\_fluxes.o svp.o syntheticSnowTbObs\_Mod.o syntheticsmobs\_module.o syntheticsndobs\_module.o syntheticwlobs\_module.o templateGL\_Mod.o templateGL\_dynsetup.o templateGL\_f2t.o templateGL\_finalize.o templateGL\_getrunoffs\_mm.o templateGL\_main.o templateGL\_readcrd.o templateGL\_readrst.o templateGL\_setup.o templateGL\_writerst.o templateObs\_module.o templateOpenWaterMod.o templateOpenWater\_dynsetup.o templateOpenWater\_f2t.o templateOpenWater\_finalize.o templateOpenWater\_main.o templateOpenWater\_module.o templateOpenWater\_readrst.o templateOpenWater\_setup.o templateOpenWater\_writerst.o template\_dynsetup.o template\_f2t.o template\_finalize.o template\_getrunoffs.o template\_lsmMod.o template\_main.o template\_module.o template\_readcrd.o template\_readrst.o template\_reset.o template\_setup.o template\_writerst.o texture.o timeinterp\_AWAP.o timeinterp\_AWRAL.o timeinterp\_Bondville.o timeinterp\_HiMATGMU.o timeinterp\_Loobos.o timeinterp\_PALSmetdata.o timeinterp\_RFE2Daily.o timeinterp\_RFE2gdas.o timeinterp\_TRMM3B42RT.o timeinterp\_TRMM3B42RTV7.o timeinterp\_TRMM3B42V6.o timeinterp\_TRMM3B42V7.o timeinterp\_WRFout.o timeinterp\_agrradps.o timeinterp\_chirps2.o timeinterp\_climatology.o timeinterp\_cmap.o timeinterp\_cmorph.o timeinterp\_ecmwf.o timeinterp\_era5.o timeinterp\_gdas.o timeinterp\_gdasT1534.o timeinterp\_gefs.o timeinterp\_genEnsFcst.o timeinterp\_geos5fcst.o timeinterp\_gfs.o timeinterp\_gldas.o timeinterp\_gswp1.o timeinterp\_gswp2.o timeinterp\_imerg.o timeinterp\_merra2.o timeinterp\_metForcGenerated.o timeinterp\_metForctemplate.o timeinterp\_mrms\_grib.o timeinterp\_nam242.o timeinterp\_narr.o timeinterp\_nldas2.o timeinterp\_petusgs.o timeinterp\_pptEnsFcst.o timeinterp\_princeton.o timeinterp\_scan.o timeinterp\_snotel.o timeinterp\_stg2.o timeinterp\_stg4.o umd\_sibalb.o uniformPert\_Mod.o unpack\_model\_state.o updateLLestimate.o updateLMestimate.o updateLSestimate.o updatePestimate.o upscaleByAveraging.o upscaleByAveraging\_input.o upscaleByWeightedAveraging.o upscaleByWeightedAveraging\_input.o vic411\_CalcAerodynamic.o vic411\_CalcBlowingSnow.o vic411\_IceEnergyBalance.o vic411\_SnowPackEnergyBalance.o vic411\_StabilityCorrection.o vic411\_add\_atmosdata.o vic411\_advected\_sensible\_heat.o vic411\_alloc\_atmos.o vic411\_arno\_evap.o vic411\_calc\_air\_temperature.o vic411\_calc\_atmos\_energy\_bal.o vic411\_calc\_cloud\_cover\_fraction.o vic411\_calc\_forcing\_stats.o vic411\_calc\_longwave.o vic411\_calc\_rainonly.o vic411\_calc\_root\_fraction.o vic411\_calc\_snow\_coverage.o vic411\_calc\_surf\_energy\_bal.o vic411\_calc\_veg\_params.o vic411\_calc\_water\_energy\_balance\_errors.o vic411\_canopy\_evap.o vic411\_check\_files.o vic411\_check\_state\_file.o vic411\_close\_files.o vic411\_cmd\_proc.o vic411\_compress\_files.o vic411\_compute\_dz.o vic411\_compute\_pot\_evap.o vic411\_compute\_treeline.o vic411\_compute\_treeline\_lis.o vic411\_correct\_precip.o vic411\_diag.o vic411\_display\_current\_settings.o vic411\_dist\_prec.o vic411\_dynsetup.o vic411\_estimate\_T1.o vic411\_f2t.o vic411\_finalize.o vic411\_find\_min\_tfactor.o vic411\_free\_dist\_prcp.o vic411\_free\_vegcon.o vic411\_frozen\_soil.o vic411\_fsvp.o vic411\_full\_energy.o vic411\_func\_atmos\_energy\_bal.o vic411\_func\_atmos\_moist\_bal.o vic411\_func\_canopy\_energy\_bal.o vic411\_func\_surf\_energy\_bal.o vic411\_get\_dist.o vic411\_get\_force\_type.o vic411\_get\_global\_param.o vic411\_get\_max\_snow\_temp.o vic411\_ice\_melt.o vic411\_initialize\_atmos.o vic411\_initialize\_global.o vic411\_initialize\_lake.o vic411\_initialize\_model\_state.o vic411\_initialize\_new\_storm.o vic411\_initialize\_snow.o vic411\_initialize\_soil.o vic411\_initialize\_veg.o vic411\_lakes.eb.o vic411\_latent\_heat\_from\_snow.o vic411\_lis\_read\_soilparam\_arc.o vic411\_lis\_scan\_soilparam\_flat\_ascii.o vic411\_lsmMod.o vic411\_main.o vic411\_make\_cell\_data.o vic411\_make\_dist\_prcp.o vic411\_make\_dmy.o vic411\_make\_energy\_bal.o vic411\_make\_in\_and\_outfiles.o vic411\_make\_snow\_data.o vic411\_make\_veg\_var.o vic411\_massrelease.o vic411\_modify\_Ksat.o vic411\_module.o vic411\_mtclim42\_vic.o vic411\_mtclim42\_wrapper.o vic411\_newt\_raph\_func\_fast.o vic411\_nrerror.o vic411\_open\_debug.o vic411\_open\_file.o vic411\_open\_state\_file.o vic411\_output\_list\_utils.o vic411\_parse\_output\_info.o vic411\_penman.o vic411\_prepare\_full\_energy.o vic411\_put\_data.o vic411\_read\_arcinfo\_ascii.o vic411\_read\_atmos\_data.o vic411\_read\_forcing\_data.o vic411\_read\_initial\_model\_state.o vic411\_read\_lakeparam.o vic411\_read\_snowband.o vic411\_read\_soilparam.o vic411\_read\_soilparam\_arc.o vic411\_read\_veglib.o vic411\_read\_vegparam.o vic411\_readcard.o vic411\_readrst.o vic411\_redistribute\_during\_storm.o vic411\_root\_brent.o vic411\_run.o vic411\_runoff.o vic411\_set\_output\_defaults.o vic411\_set\_vegparam.o vic411\_setup.o vic411\_snow\_intercept.o vic411\_snow\_melt.o vic411\_snow\_utility.o vic411\_soil\_conduction.o vic411\_soil\_thermal\_eqn.o vic411\_solve\_snow.o vic411\_store\_moisture\_for\_debug.o vic411\_surface\_fluxes.o vic411\_svp.o vic411\_vicNl.o vic411\_vicerror.o vic411\_water\_energy\_balance.o vic411\_water\_under\_ice.o vic411\_write\_atmos.o vic411\_write\_atmosdata.o vic411\_write\_bin\_atmosdata.o vic411\_write\_data.o vic411\_write\_debug.o vic411\_write\_forcing\_file.o vic411\_write\_header.o vic411\_write\_lakecon.o vic411\_write\_layer.o vic411\_write\_model\_state.o vic411\_write\_prcp.o vic411\_write\_snow\_data.o vic411\_write\_soilparam.o vic411\_write\_state.o vic411\_write\_vegparam.o vic411\_write\_vegvar.o vic411\_writerst.o vic412\_add\_atmosdata.o vic412\_compute\_treeline.o vic412\_count\_model\_state.o vic412\_diag.o vic412\_dynsetup.o vic412\_f2t.o vic412\_finalize.o vic412\_getrunoff.o vic412\_getrunoffs.o vic412\_getrunoffs\_mm.o vic412\_intialize.o vic412\_lsmMod.o vic412\_main.o vic412\_module.o vic412\_read\_vegparam.o vic412\_readcard.o vic412\_readrst.o vic412\_run.o vic412\_setup.o vic412\_write\_atmos.o vic412\_write\_state.o vic412\_writerst.o vicerror.o water\_energy\_balance.o water\_under\_ice.o wgPBMRsmobs\_module.o wrf\_debug.o write\_AMSRE\_SR\_em\_obs\_data.o write\_ANSASCFsnow.o write\_ANSASNWDsnow.o write\_ARMdata.o write\_ARSsmobs.o write\_ASO\_SWEobs.o write\_AmerifluxObs.o write\_CNRS\_em\_obs\_data.o write\_ESACCIsmobs.o write\_FLUXNETdata.o write\_GCOMW\_AMSR2L3SNDobs.o write\_GLASSalbedo.o write\_GLASSlai.o write\_GRACEobs.o write\_GlobalLSObsdata.o write\_ISMNsmobs.o write\_LPRM\_AMSREsm\_obs\_data.o write\_LPRM\_AMSREsmobs.o write\_MODISsportLAI.o write\_MaconLSObsdata.o write\_NASASMAPsmobs.o write\_NASASMAPvodobs.o write\_PMW\_snowobs.o write\_SMAPNRTsmobs.o write\_SMAPsmobs.o write\_SMMRSNWDsnow.o write\_SMOPS\_ASCATsmobs.o write\_SMOSNESDISsmobs.o write\_SNODEPobs.o write\_SSMISNWDsnow.o write\_UAsnowobs.o write\_USAFSIobs.o write\_USDA\_ARSsm\_obs\_data.o write\_atmosdata.o write\_bin\_atmosdata.o write\_data.o write\_forcing\_file.o write\_header.o write\_lakecon.o write\_layer.o write\_pildassmobs.o write\_prcp.o write\_syntheticSnowTbObs.o write\_syntheticsmobs.o write\_syntheticsndobs.o write\_syntheticwlobs.o write\_templateObs.o write\_vegvar.o write\_wgPBMRsmdata.o xmrg\_read\_data\_c.o xmrg\_read\_header\_c.o xmrg\_reverse\_byte.o zterp.o -L/util/opt/esmf/8.2/intel/19/lib/libO/Linux.intel.64.openmpi.default -lesmf -lstdc++ -limf -lrt -lmpi -L/util/opt/eccodes/2.24/intel/19.0/lib/ -leccodes\_f90 -leccodes -L/util/opt/openjpeg/2.4/intel/19/lib/ -lopenjp2 -L/util/opt/netcdf/4.7/intel/19/lib/ -lnetcdff -lnetcdf -L/util/opt/hdf-eos2/2.20/intel/19/lib/ -lhdfeos -lGctp -L/util/opt/hdf4/4.2.15/intel/19/lib/ -lmfhdf -ldf -ljpeg -lz -L/util/opt/hdf5/1.12/intel/19/lib/ -lhdf5\_fortran -lhdf5\_hl -lhdf5 -L/util/opt/minpack/19961126/intel/19/lib -lminpack -L/util/comp/intel/19/mkl/lib/intel/64/ -llapack -lblas -L/util/comp/intel/19/mkl/lib/intel/64/ -lmkl\_rt

[ERR] Compile failed

-------------------------------------------------------------------