

Log fro HERA:

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSFV3gfs/develop-20201112/INTEL/cpld\_control\_mx025\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_262301/cpld\_control\_mx025\_prod

Checking test 006 cpld\_control\_mx025 results ....

Comparing phyf024.tile1.nc .....OK  
Comparing phyf024.tile2.nc .....OK  
Comparing phyf024.tile3.nc .....OK  
Comparing phyf024.tile4.nc .....OK  
Comparing phyf024.tile5.nc .....OK  
Comparing phyf024.tile6.nc .....OK  
Comparing dynf024.tile1.nc .....OK  
Comparing dynf024.tile2.nc .....OK  
Comparing dynf024.tile3.nc .....OK  
Comparing dynf024.tile4.nc .....OK  
Comparing dynf024.tile5.nc .....OK  
Comparing dynf024.tile6.nc .....OK  
Comparing RESTART/coupler.res .....OK  
Comparing RESTART/fv\_core.res.nc .....OK  
Comparing RESTART/fv\_core.res.tile1.nc .....OK  
Comparing RESTART/fv\_core.res.tile2.nc .....OK  
Comparing RESTART/fv\_core.res.tile3.nc .....OK  
Comparing RESTART/fv\_core.res.tile4.nc .....OK  
Comparing RESTART/fv\_core.res.tile5.nc .....OK  
Comparing RESTART/fv\_core.res.tile6.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile1.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile2.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile3.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile4.nc .....OK

Comparing RESTART/fv\_srf\_wnd.res.tile5.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile6.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile1.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile2.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile3.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile4.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile5.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile6.nc .....OK  
Comparing RESTART/phy\_data.tile1.nc .....OK  
Comparing RESTART/phy\_data.tile2.nc .....OK  
Comparing RESTART/phy\_data.tile3.nc .....OK  
Comparing RESTART/phy\_data.tile4.nc .....OK  
Comparing RESTART/phy\_data.tile5.nc .....OK  
Comparing RESTART/phy\_data.tile6.nc .....OK  
Comparing RESTART/sfc\_data.tile1.nc .....OK  
Comparing RESTART/sfc\_data.tile2.nc .....OK  
Comparing RESTART/sfc\_data.tile3.nc .....OK  
Comparing RESTART/sfc\_data.tile4.nc .....OK  
Comparing RESTART/sfc\_data.tile5.nc .....OK  
Comparing RESTART/sfc\_data.tile6.nc .....OK  
Comparing RESTART/MOM.res.nc .....OK  
Comparing RESTART/MOM.res\_1.nc .....OK  
Comparing RESTART/MOM.res\_2.nc .....NOT OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2016-10-04-00000.nc .....OK

Test 006 cpld\_control\_mx025 FAIL

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baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSFv3gfs/develop-20201112/INTEL/cpld\_control\_mx025\_12h\_ccpp

working dir =

/scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_262301/cpld\_control\_mx025\_12h\_prod

Checking test 007 cpld\_control\_mx025\_12h results ....

Comparing phyf012.tile1.nc .....OK

Comparing phyf012.tile2.nc .....OK

Comparing phyf012.tile3.nc .....OK

Comparing phyf012.tile4.nc .....OK

Comparing phyf012.tile5.nc .....OK

Comparing phyf012.tile6.nc .....OK

Comparing dynf012.tile1.nc .....OK

Comparing dynf012.tile2.nc .....OK

Comparing dynf012.tile3.nc .....OK

Comparing dynf012.tile4.nc .....OK

Comparing dynf012.tile5.nc .....OK

Comparing dynf012.tile6.nc .....OK

Comparing RESTART/coupler.res .....OK

Comparing RESTART/fv\_core.res.nc .....OK

Comparing RESTART/fv\_core.res.tile1.nc .....OK

Comparing RESTART/fv\_core.res.tile2.nc .....OK

Comparing RESTART/fv\_core.res.tile3.nc .....OK

Comparing RESTART/fv\_core.res.tile4.nc .....OK

Comparing RESTART/fv\_core.res.tile5.nc .....OK

Comparing RESTART/fv\_core.res.tile6.nc .....OK

Comparing RESTART/fv\_srf\_wnd.res.tile1.nc .....OK

Comparing RESTART/fv\_srf\_wnd.res.tile2.nc .....OK

Comparing RESTART/fv\_srf\_wnd.res.tile3.nc .....OK

Comparing RESTART/fv\_srf\_wnd.res.tile4.nc .....OK

Comparing RESTART/fv\_srf\_wnd.res.tile5.nc .....OK

Comparing RESTART/fv\_srf\_wnd.res.tile6.nc .....OK

Comparing RESTART/fv\_tracer.res.tile1.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile2.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile3.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile4.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile5.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile6.nc .....OK  
Comparing RESTART/phy\_data.tile1.nc .....OK  
Comparing RESTART/phy\_data.tile2.nc .....OK  
Comparing RESTART/phy\_data.tile3.nc .....OK  
Comparing RESTART/phy\_data.tile4.nc .....OK  
Comparing RESTART/phy\_data.tile5.nc .....OK  
Comparing RESTART/phy\_data.tile6.nc .....OK  
Comparing RESTART/sfc\_data.tile1.nc .....OK  
Comparing RESTART/sfc\_data.tile2.nc .....OK  
Comparing RESTART/sfc\_data.tile3.nc .....OK  
Comparing RESTART/sfc\_data.tile4.nc .....OK  
Comparing RESTART/sfc\_data.tile5.nc .....OK  
Comparing RESTART/sfc\_data.tile6.nc .....OK  
Comparing RESTART/MOM.res.nc .....OK  
Comparing RESTART/MOM.res\_1.nc .....OK  
Comparing RESTART/MOM.res\_2.nc .....NOT OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2016-10-03-43200.nc .....OK

Test 007 cpld\_control\_mx025\_12h FAIL

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baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSFV3GFS/develop-20201112/INTEL/cpld\_control\_c384\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_262301/cpld\_control\_c384\_prod

Checking test 010 cpld\_control\_c384 results ....

Comparing phyf024.tile1.nc .....OK

Comparing phyf024.tile2.nc .....OK  
Comparing phyf024.tile3.nc .....OK  
Comparing phyf024.tile4.nc .....OK  
Comparing phyf024.tile5.nc .....OK  
Comparing phyf024.tile6.nc .....OK  
Comparing dynf024.tile1.nc .....OK  
Comparing dynf024.tile2.nc .....OK  
Comparing dynf024.tile3.nc .....OK  
Comparing dynf024.tile4.nc .....OK  
Comparing dynf024.tile5.nc .....OK  
Comparing dynf024.tile6.nc .....OK  
Comparing RESTART/coupler.res .....OK  
Comparing RESTART/fv\_core.res.nc .....OK  
Comparing RESTART/fv\_core.res.tile1.nc .....OK  
Comparing RESTART/fv\_core.res.tile2.nc .....OK  
Comparing RESTART/fv\_core.res.tile3.nc .....OK  
Comparing RESTART/fv\_core.res.tile4.nc .....OK  
Comparing RESTART/fv\_core.res.tile5.nc .....OK  
Comparing RESTART/fv\_core.res.tile6.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile1.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile2.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile3.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile4.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile5.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile6.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile1.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile2.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile3.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile4.nc .....OK

Comparing RESTART/fv\_tracer.res.tile5.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile6.nc .....OK  
Comparing RESTART/phy\_data.tile1.nc .....OK  
Comparing RESTART/phy\_data.tile2.nc .....OK  
Comparing RESTART/phy\_data.tile3.nc .....OK  
Comparing RESTART/phy\_data.tile4.nc .....OK  
Comparing RESTART/phy\_data.tile5.nc .....OK  
Comparing RESTART/phy\_data.tile6.nc .....OK  
Comparing RESTART/sfc\_data.tile1.nc .....OK  
Comparing RESTART/sfc\_data.tile2.nc .....OK  
Comparing RESTART/sfc\_data.tile3.nc .....OK  
Comparing RESTART/sfc\_data.tile4.nc .....OK  
Comparing RESTART/sfc\_data.tile5.nc .....OK  
Comparing RESTART/sfc\_data.tile6.nc .....OK  
Comparing RESTART/MOM.res.nc .....OK  
Comparing RESTART/MOM.res\_1.nc .....OK  
Comparing RESTART/MOM.res\_2.nc .....NOT OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2016-10-04-00000.nc .....OK

Test 010 cpld\_control\_c384 FAIL

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baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSFv3gfs/develop-20201112/INTEL/cpld\_controlfrac\_c384\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_262301/cpld\_controlfrac\_c384\_prod

Checking test 011 cpld\_controlfrac\_c384 results ....

Comparing phyf024.tile1.nc .....OK  
Comparing phyf024.tile2.nc .....OK  
Comparing phyf024.tile3.nc .....OK  
Comparing phyf024.tile4.nc .....OK  
Comparing phyf024.tile5.nc .....OK

Comparing phyf024.tile6.nc .....OK  
Comparing dynf024.tile1.nc .....OK  
Comparing dynf024.tile2.nc .....OK  
Comparing dynf024.tile3.nc .....OK  
Comparing dynf024.tile4.nc .....OK  
Comparing dynf024.tile5.nc .....OK  
Comparing dynf024.tile6.nc .....OK  
Comparing RESTART/coupler.res .....OK  
Comparing RESTART/fv\_core.res.nc .....OK  
Comparing RESTART/fv\_core.res.tile1.nc .....OK  
Comparing RESTART/fv\_core.res.tile2.nc .....OK  
Comparing RESTART/fv\_core.res.tile3.nc .....OK  
Comparing RESTART/fv\_core.res.tile4.nc .....OK  
Comparing RESTART/fv\_core.res.tile5.nc .....OK  
Comparing RESTART/fv\_core.res.tile6.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile1.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile2.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile3.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile4.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile5.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile6.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile1.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile2.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile3.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile4.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile5.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile6.nc .....OK  
Comparing RESTART/phy\_data.tile1.nc .....OK  
Comparing RESTART/phy\_data.tile2.nc .....OK

Comparing RESTART/phy\_data.tile3.nc .....OK  
Comparing RESTART/phy\_data.tile4.nc .....OK  
Comparing RESTART/phy\_data.tile5.nc .....OK  
Comparing RESTART/phy\_data.tile6.nc .....OK  
Comparing RESTART/sfc\_data.tile1.nc .....OK  
Comparing RESTART/sfc\_data.tile2.nc .....OK  
Comparing RESTART/sfc\_data.tile3.nc .....OK  
Comparing RESTART/sfc\_data.tile4.nc .....OK  
Comparing RESTART/sfc\_data.tile5.nc .....OK  
Comparing RESTART/sfc\_data.tile6.nc .....OK  
Comparing RESTART/MOM.res.nc .....OK  
Comparing RESTART/MOM.res\_1.nc .....OK  
Comparing RESTART/MOM.res\_2.nc .....NOT OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2016-10-04-00000.nc .....OK

Test 011 cpld\_controlfrac\_c384 FAIL

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baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSFv3gfs/develop-20201112/INTEL/cpld\_bmark\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_262301/cpld\_bmark\_prod

Checking test 012 cpld\_bmark results ....

Comparing phyf024.tile1.nc .....OK  
Comparing phyf024.tile2.nc .....OK  
Comparing phyf024.tile3.nc .....OK  
Comparing phyf024.tile4.nc .....OK  
Comparing phyf024.tile5.nc .....OK  
Comparing phyf024.tile6.nc .....OK  
Comparing dynf024.tile1.nc .....OK  
Comparing dynf024.tile2.nc .....OK  
Comparing dynf024.tile3.nc .....OK



Comparing dynf024.tile4.nc .....OK  
Comparing dynf024.tile5.nc .....OK  
Comparing dynf024.tile6.nc .....OK  
Comparing RESTART/coupler.res .....OK  
Comparing RESTART/fv\_core.res.nc .....OK  
Comparing RESTART/fv\_core.res.tile1.nc .....OK  
Comparing RESTART/fv\_core.res.tile2.nc .....OK  
Comparing RESTART/fv\_core.res.tile3.nc .....OK  
Comparing RESTART/fv\_core.res.tile4.nc .....OK  
Comparing RESTART/fv\_core.res.tile5.nc .....OK  
Comparing RESTART/fv\_core.res.tile6.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile1.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile2.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile3.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile4.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile5.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile6.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile1.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile2.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile3.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile4.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile5.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile6.nc .....OK  
Comparing RESTART/phy\_data.tile1.nc .....OK  
Comparing RESTART/phy\_data.tile2.nc .....OK  
Comparing RESTART/phy\_data.tile3.nc .....OK  
Comparing RESTART/phy\_data.tile4.nc .....OK  
Comparing RESTART/phy\_data.tile5.nc .....OK  
Comparing RESTART/phy\_data.tile6.nc .....OK

Comparing RESTART/sfc\_data.tile1.nc .....OK  
Comparing RESTART/sfc\_data.tile2.nc .....OK  
Comparing RESTART/sfc\_data.tile3.nc .....OK  
Comparing RESTART/sfc\_data.tile4.nc .....OK  
Comparing RESTART/sfc\_data.tile5.nc .....OK  
Comparing RESTART/sfc\_data.tile6.nc .....OK  
Comparing RESTART/MOM.res.nc .....OK  
Comparing RESTART/MOM.res\_1.nc .....OK  
Comparing RESTART/MOM.res\_2.nc .....NOT OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2013-04-02-00000.nc .....OK

Test 012 cpld\_bmark FAIL

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baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20201112/INTEL/cpld\_bmark\_wave\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_262301/cpld\_bmark\_wave\_prod

Checking test 013 cpld\_bmark\_wave results ....

Comparing phyf024.tile1.nc .....OK  
Comparing phyf024.tile2.nc .....OK  
Comparing phyf024.tile3.nc .....OK  
Comparing phyf024.tile4.nc .....OK  
Comparing phyf024.tile5.nc .....OK  
Comparing phyf024.tile6.nc .....OK  
Comparing dynf024.tile1.nc .....OK  
Comparing dynf024.tile2.nc .....OK  
Comparing dynf024.tile3.nc .....OK  
Comparing dynf024.tile4.nc .....OK  
Comparing dynf024.tile5.nc .....OK  
Comparing dynf024.tile6.nc .....OK  
Comparing 20130402.000000.out\_grd.gwes\_30m .....OK

Comparing 20130402.000000.out\_pnt.points .....OK  
Comparing 20130402.000000.restart.gwes\_30m .....OK  
Comparing RESTART/coupler.res .....OK  
Comparing RESTART/fv\_core.res.nc .....OK  
Comparing RESTART/fv\_core.res.tile1.nc .....OK  
Comparing RESTART/fv\_core.res.tile2.nc .....OK  
Comparing RESTART/fv\_core.res.tile3.nc .....OK  
Comparing RESTART/fv\_core.res.tile4.nc .....OK  
Comparing RESTART/fv\_core.res.tile5.nc .....OK  
Comparing RESTART/fv\_core.res.tile6.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile1.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile2.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile3.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile4.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile5.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile6.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile1.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile2.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile3.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile4.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile5.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile6.nc .....OK  
Comparing RESTART/phy\_data.tile1.nc .....OK  
Comparing RESTART/phy\_data.tile2.nc .....OK  
Comparing RESTART/phy\_data.tile3.nc .....OK  
Comparing RESTART/phy\_data.tile4.nc .....OK  
Comparing RESTART/phy\_data.tile5.nc .....OK  
Comparing RESTART/phy\_data.tile6.nc .....OK  
Comparing RESTART/sfc\_data.tile1.nc .....OK

Comparing RESTART/sfc\_data.tile2.nc .....OK  
Comparing RESTART/sfc\_data.tile3.nc .....OK  
Comparing RESTART/sfc\_data.tile4.nc .....OK  
Comparing RESTART/sfc\_data.tile5.nc .....OK  
Comparing RESTART/sfc\_data.tile6.nc .....OK  
Comparing RESTART/MOM.res.nc .....OK  
Comparing RESTART/MOM.res\_1.nc .....OK  
Comparing RESTART/MOM.res\_2.nc .....NOT OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2013-04-02-00000.nc .....OK

Test 013 cpld\_bmark\_wave FAIL

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baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20201112/INTEL/datm\_mx025\_cfsr

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_262301/datm\_mx025\_cfsr\_prod

Checking test 017 datm\_mx025\_cfsr results ....

Comparing RESTART/MOM.res.nc .....OK  
Comparing RESTART/MOM.res\_1.nc .....OK  
Comparing RESTART/MOM.res\_2.nc .....NOT OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2011-10-02-00000.nc .....OK  
Comparing RESTART/DATM\_CFSR.cpl.r.2011-10-02-00000.nc .....OK

Test 017 datm\_mx025\_cfsr FAIL

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baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20201112/INTEL/datm\_mx025\_gefs

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_262301/datm\_mx025\_gefs\_prod

Checking test 018 datm\_mx025\_gefs results ....

Comparing RESTART/MOM.res.nc .....OK  
Comparing RESTART/MOM.res\_1.nc .....OK  
Comparing RESTART/MOM.res\_2.nc .....NOT OK

Comparing RESTART/MOM.res\_3.nc .....OK

Comparing RESTART/iced.2011-10-02-00000.nc .....OK

Comparing RESTART/DATM\_GEF5.cpl.r.2011-10-02-00000.nc .....OK

Test 018 datm\_mx025\_gefs FAIL