

Wed Feb 24 23:07:57 EST 2021

Start Regression test

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSFV3GFS/develop-20210217/INTEL/cpld\_control\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_control\_prod

Checking test 001 cpld\_control 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/iced.2016-10-04-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2016-10-04-00000.nc .....OK

Test 001 cpld\_control PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_control\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_restart\_prod

Checking test 002 cpld\_restart 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/iced.2016-10-04-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2016-10-04-00000.nc .....OK  
Test 002 cpld\_restart PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_controlfrac\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_controlfrac\_prod

Checking test 003 cpld\_controlfrac 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/iced.2016-10-04-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2016-10-04-00000.nc .....OK  
Test 003 cpld\_controlfrac PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_controlfrac\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_restartfrac\_prod

Checking test 004 cpld\_restartfrac 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/iced.2016-10-04-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2016-10-04-00000.nc .....OK  
Test 004 cpld\_restartfrac PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_control\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_2threads\_prod

Checking test 005 cpld\_2threads 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/iced.2016-10-04-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2016-10-04-00000.nc .....OK  
Test 005 cpld\_2threads PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_control\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_decomp\_prod

Checking test 006 cpld\_decomp 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/iced.2016-10-04-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2016-10-04-00000.nc .....OK  
Test 006 cpld\_decomp PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-  
20210217/INTEL/cpld\_satmedmf\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_satmedmf\_prod

Checking test 007 cpld\_satmedmf 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/iced.2016-10-04-00000.nc .....OK

Comparing RESTART/ufs.cpld.cpl.r.2016-10-04-00000.nc .....OK

Test 007 cpld\_satmedmf PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSFv3gfs/develop-20210217/INTEL/cpld\_ca\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_ca\_prod

Checking test 008 cpld\_ca 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/iced.2016-10-04-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2016-10-04-00000.nc .....OK

Test 008 cpld\_ca PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSFV3gfs/develop-20210217/INTEL/cpld\_control\_c192\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_control\_c192\_prod

Checking test 009 cpld\_control\_c192 results ....

Comparing phyf048.tile1.nc .....OK  
Comparing phyf048.tile2.nc .....OK  
Comparing phyf048.tile3.nc .....OK  
Comparing phyf048.tile4.nc .....OK  
Comparing phyf048.tile5.nc .....OK  
Comparing phyf048.tile6.nc .....OK  
Comparing dynf048.tile1.nc .....OK  
Comparing dynf048.tile2.nc .....OK  
Comparing dynf048.tile3.nc .....OK  
Comparing dynf048.tile4.nc .....OK  
Comparing dynf048.tile5.nc .....OK  
Comparing dynf048.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/iced.2016-10-05-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2016-10-05-00000.nc .....OK  
Test 009 cpld\_control\_c192 PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_control\_c192\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_restart\_c192\_prod

Checking test 010 cpld\_restart\_c192 results ....

Comparing phyf048.tile1.nc .....OK

Comparing phyf048.tile2.nc .....OK

Comparing phyf048.tile3.nc .....OK

Comparing phyf048.tile4.nc .....OK

Comparing phyf048.tile5.nc .....OK

Comparing phyf048.tile6.nc .....OK

Comparing dynf048.tile1.nc .....OK

Comparing dynf048.tile2.nc .....OK

Comparing dynf048.tile3.nc .....OK

Comparing dynf048.tile4.nc .....OK

Comparing dynf048.tile5.nc .....OK

Comparing dynf048.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/iced.2016-10-05-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2016-10-05-00000.nc .....OK  
Test 010 cpld\_restart\_c192 PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSFv3gfs/develop-20210217/INTEL/cpld\_controlfrac\_c192\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_controlfrac\_c192\_prod

Checking test 011 cpld\_controlfrac\_c192 results ....

Comparing phyf048.tile1.nc .....OK  
Comparing phyf048.tile2.nc .....OK  
Comparing phyf048.tile3.nc .....OK

Comparing phyf048.tile4.nc .....OK  
Comparing phyf048.tile5.nc .....OK  
Comparing phyf048.tile6.nc .....OK  
Comparing dynf048.tile1.nc .....OK  
Comparing dynf048.tile2.nc .....OK  
Comparing dynf048.tile3.nc .....OK  
Comparing dynf048.tile4.nc .....OK  
Comparing dynf048.tile5.nc .....OK  
Comparing dynf048.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/iced.2016-10-05-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2016-10-05-00000.nc .....OK  
Test 011 cpld\_controlfrac\_c192 PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_controlfrac\_c192\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_restartfrac\_c192\_prod

Checking test 012 cpld\_restartfrac\_c192 results ....

Comparing phyf048.tile1.nc .....OK  
Comparing phyf048.tile2.nc .....OK  
Comparing phyf048.tile3.nc .....OK  
Comparing phyf048.tile4.nc .....OK  
Comparing phyf048.tile5.nc .....OK  
Comparing phyf048.tile6.nc .....OK  
Comparing dynf048.tile1.nc .....OK

Comparing dynf048.tile2.nc .....OK  
Comparing dynf048.tile3.nc .....OK  
Comparing dynf048.tile4.nc .....OK  
Comparing dynf048.tile5.nc .....OK  
Comparing dynf048.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/iced.2016-10-05-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2016-10-05-00000.nc .....OK  
Test 012 cpld\_restartfrac\_c192 PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_control\_c384\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_control\_c384\_prod

Checking test 013 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 .....OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2016-10-04-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2016-10-04-00000.nc .....OK  
Test 013 cpld\_control\_c384 PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_control\_c384\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_restart\_c384\_prod

Checking test 014 cpld\_restart\_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 .....OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2016-10-04-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2016-10-04-00000.nc .....OK  
Test 014 cpld\_restart\_c384 PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_controlfrac\_c384\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_controlfrac\_c384\_prod

Checking test 015 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 .....OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2016-10-04-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2016-10-04-00000.nc .....OK  
Test 015 cpld\_controlfrac\_c384 PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSFv3gfs/develop-20210217/INTEL/cpld\_controlfrac\_c384\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_restartfrac\_c384\_prod

Checking test 016 cpld\_restartfrac\_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 .....OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2016-10-04-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2016-10-04-00000.nc .....OK  
Test 016 cpld\_restartfrac\_c384 PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_bmark\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_bmark\_prod

Checking test 017 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 .....OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2013-04-02-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2013-04-02-00000.nc .....OK  
Test 017 cpld\_bmark PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-  
20210217/INTEL/cpld\_bmark\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_restart\_bmark\_prod

Checking test 018 cpld\_restart\_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 .....OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2013-04-02-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2013-04-02-00000.nc .....OK  
Test 018 cpld\_restart\_bmark PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_bmarkfrac\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_bmarkfrac\_prod

Checking test 019 cpld\_bmarkfrac 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 .....OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2013-04-02-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2013-04-02-00000.nc .....OK  
Test 019 cpld\_bmarkfrac PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSFV3GFS/develop-20210217/INTEL/cpld\_bmarkfrac\_ccpp

working dir =  
/scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_restart\_bmarkfrac\_prod

Checking test 020 cpld\_restart\_bmarkfrac 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 .....OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2013-04-02-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2013-04-02-00000.nc .....OK  
Test 020 cpld\_restart\_bmarkfrac PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSFv3gfs/develop-20210217/INTEL/cpld\_bmarkfrac\_v16\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_bmarkfrac\_v16\_prod

Checking test 021 cpld\_bmarkfrac\_v16 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 .....OK



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

Comparing RESTART/iced.2013-04-01-43200.nc .....OK

Comparing RESTART/ufs.cpld.cpl.r.2013-04-01-43200.nc .....OK

Test 021 cpld\_bmarkfrac\_v16 PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_bmarkfrac\_v16\_ccpp

working dir =

/scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_restart\_bmarkfrac\_v16\_prod

Checking test 022 cpld\_restart\_bmarkfrac\_v16 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 .....OK

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

Comparing RESTART/iced.2013-04-01-43200.nc .....OK

Comparing RESTART/ufs.cpld.cpl.r.2013-04-01-43200.nc .....OK

Test 022 cpld\_restart\_bmarkfrac\_v16 PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSFV3GFS/develop-20210217/INTEL/cpld\_bmark\_wave\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_bmark\_wave\_prod

Checking test 023 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 .....OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2013-04-02-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2013-04-02-00000.nc .....OK  
Test 023 cpld\_bmark\_wave PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_bmarkfrac\_wave\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_bmarkfrac\_wave\_prod

Checking test 024 cpld\_bmarkfrac\_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 .....OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2013-04-02-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2013-04-02-00000.nc .....OK  
Test 024 cpld\_bmarkfrac\_wave PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_bmarkfrac\_wave\_v16\_ccpp

working dir =

/scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_bmarkfrac\_wave\_v16\_prod

Checking test 025 cpld\_bmarkfrac\_wave\_v16 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 20130401.120000.out\_grd.gwes\_30m .....OK  
Comparing 20130401.120000.out\_pnt.points .....OK

Comparing 20130401.120000.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 .....OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2013-04-01-43200.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2013-04-01-43200.nc .....OK  
Test 025 cpld\_bmarkfrac\_wave\_v16 PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_control\_wave\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_control\_wave\_prod

Checking test 026 cpld\_control\_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 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/iced.2016-10-04-00000.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2016-10-04-00000.nc .....OK  
Comparing 20161004.000000.out\_grd.glo\_1deg .....OK  
Comparing 20161004.000000.out\_pnt.points .....OK  
Comparing 20161004.000000.restart.glo\_1deg .....OK  
Test 026 cpld\_control\_wave PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_debug\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_debug\_prod

Checking test 027 cpld\_debug results ....

Comparing phyf006.tile1.nc .....OK  
Comparing phyf006.tile2.nc .....OK  
Comparing phyf006.tile3.nc .....OK  
Comparing phyf006.tile4.nc .....OK  
Comparing phyf006.tile5.nc .....OK  
Comparing phyf006.tile6.nc .....OK  
Comparing dynf006.tile1.nc .....OK  
Comparing dynf006.tile2.nc .....OK  
Comparing dynf006.tile3.nc .....OK  
Comparing dynf006.tile4.nc .....OK  
Comparing dynf006.tile5.nc .....OK  
Comparing dynf006.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/iced.2016-10-03-21600.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2016-10-03-21600.nc .....OK  
Test 027 cpld\_debug PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/cpld\_debugfrac\_ccpp

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/cpld\_debugfrac\_prod

Checking test 028 cpld\_debugfrac results ....

Comparing phyf006.tile1.nc .....OK  
Comparing phyf006.tile2.nc .....OK  
Comparing phyf006.tile3.nc .....OK  
Comparing phyf006.tile4.nc .....OK  
Comparing phyf006.tile5.nc .....OK  
Comparing phyf006.tile6.nc .....OK  
Comparing dynf006.tile1.nc .....OK  
Comparing dynf006.tile2.nc .....OK  
Comparing dynf006.tile3.nc .....OK  
Comparing dynf006.tile4.nc .....OK  
Comparing dynf006.tile5.nc .....OK  
Comparing dynf006.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/iced.2016-10-03-21600.nc .....OK

Comparing RESTART/ufs.cpld.cpl.r.2016-10-03-21600.nc .....OK

Test 028 cpld\_debugfrac PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/datm\_control\_cfsr

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/datm\_control\_cfsr

Checking test 029 datm\_control\_cfsr results ....

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

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

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

Test 029 datm\_control\_cfsr PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/datm\_control\_cfsr

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/datm\_restart\_cfsr

Checking test 030 datm\_restart\_cfsr results ....

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

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

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

Test 030 datm\_restart\_cfsr PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/datm\_control\_gefs

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/datm\_control\_gefs

Checking test 031 datm\_control\_gefs results ....

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

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

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

Test 031 datm\_control\_gefs PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/datm\_bulk\_cfsr

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/datm\_bulk\_cfsr

Checking test 032 datm\_bulk\_cfsr results ....

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

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

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

Test 032 datm\_bulk\_cfsr PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/datm\_bulk\_gefs

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/datm\_bulk\_gefs

Checking test 033 datm\_bulk\_gefs results ....

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

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

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

Test 033 datm\_bulk\_gefs PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/datm\_mx025\_cfsr

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/datm\_mx025\_cfsr

Checking test 034 datm\_mx025\_cfsr results ....

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

Comparing RESTART/MOM.res\_1.nc .....OK



Comparing RESTART/MOM.res\_2.nc .....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 034 datm\_mx025\_cfsr PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/datm\_mx025\_gefs

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/datm\_mx025\_gefs

Checking test 035 datm\_mx025\_gefs results ....

Comparing RESTART/MOM.res.nc .....OK  
Comparing RESTART/MOM.res\_1.nc .....OK  
Comparing RESTART/MOM.res\_2.nc .....OK  
Comparing RESTART/MOM.res\_3.nc .....OK  
Comparing RESTART/iced.2011-10-02-00000.nc .....OK  
Comparing RESTART/DATM\_GEFS.cpl.r.2011-10-02-00000.nc .....OK  
Test 035 datm\_mx025\_gefs PASS

baseline dir = /scratch1/NCEPDEV/nems/emc.nemspara/RT/NEMSfv3gfs/develop-20210217/INTEL/datm\_debug\_cfsr

working dir = /scratch1/NCEPDEV/stmp2/Jiande.Wang/FV3\_RT/rt\_199425/datm\_debug\_cfsr

Checking test 036 datm\_debug\_cfsr results ....

Comparing RESTART/MOM.res.nc .....OK  
Comparing RESTART/iced.2011-10-01-21600.nc .....OK  
Comparing RESTART/DATM\_CFSR.cpl.r.2011-10-01-21600.nc .....OK  
Test 036 datm\_debug\_cfsr PASS

REGRESSION TEST WAS SUCCESSFUL

Thu Feb 25 00:13:43 EST 2021

Elapsed time: 01h:05m:47s. Have a nice day!