



Dashboard ufs-weather-model ort-docker-pipeline Pull Requests (9) PR-1654 #1

Status

Changes

Console Output

View as plain text

Edit Build Information

Git Build Data

Open Blue Ocean

Restart from Stage

Rebuild

Pipeline Steps

Workspaces

Console Output

Skipping 444 KB.. [Full Log](#)

```
Moving RESTART/20210323.060000.phy_data.tile1.nc .....OK
Moving RESTART/20210323.060000.phy_data.tile2.nc .....OK
Moving RESTART/20210323.060000.phy_data.tile3.nc .....OK
Moving RESTART/20210323.060000.phy_data.tile4.nc .....OK
Moving RESTART/20210323.060000.phy_data.tile5.nc .....OK
Moving RESTART/20210323.060000.phy_data.tile6.nc .....OK
Moving RESTART/20210323.060000.sfc_data.tile1.nc .....OK
Moving RESTART/20210323.060000.sfc_data.tile2.nc .....OK
```

```
Moving RESTART/20210323.060000.sfc_data.tile3.nc .....OK
Moving RESTART/20210323.060000.sfc_data.tile4.nc .....OK
Moving RESTART/20210323.060000.sfc_data.tile5.nc .....OK
Moving RESTART/20210323.060000.sfc_data.tile6.nc .....OK
```

```
The total amount of wall time           = 1463.967388
The maximum resident set size (KB)     = 1425576
```

```
Test std_base control_p8 PASS
```

```
OPERATION REQUIREMENT TEST WAS SUCCESSFUL
```

```
Elapsed time: 00h:39m:33s. Have a nice day!
```

```
opnReqTest finished
```

```
[Pipeline] }
```

```
[Pipeline] // stage
```

```
Post stage
```

```
[Pipeline] sh
```

```
'rst'] ++ docker image ls
```

```
++ grep -E -m1 ci-test-weather
```

```
++ awk '{ print $3 }'
```

```
+ docker rmi -f b26a781d9cb0
```

```
Untagged: ci-test-weather:latest
```

```
Deleted: sha256:b26a781d9cb0b6ffa589b6e4271c1a7803f320a791c80ea0d26b24203634c45d
```

```
Deleted: sha256:73349d9dc95203805ab4dc75ec4b44a3f0b6703b7aa45846db26626fff9916620
```

```
Deleted: sha256:2cd7c5962d64ca9647e680ba3bedf01b0461147514ed6495a579f00151dc09e7
```

```
Deleted: sha256:68545890c78d31e0a805ff94161b75a5f66922dfefbdeaa05f0a3340c467a2f49
```

```
Deleted: sha256:44dc3b1d6c2817ddd793e57bc4168de877a6b1881049201112ec7ce6fb936db5
```

```
Deleted: sha256:2c163cd7ace1458cce2fc665b85bcc4042d719c1053ad7d2f1fb34493fad4cbd
```

```
Deleted: sha256:c5bd0bac3461773d90f5a4742a83ae2d80b3c1873133fefaeafb8ae054c0adb02
```

```
Deleted: sha256:a5c17d337cd639ec45cfd4b4e672babe7d3b328f5f2e45f04b93839f3de26034
```

```
Deleted: sha256:9d23ba5a538aff1a4a2a6da8c7c5e97ab5cad98eff8c0ec611fca3f10b1a5fa2
```

```
Deleted: sha256:986e0032c1887bddca4e9a92c3e8aa9aa1f1c5789dc520fef9e937e8651b1274
```

```
Deleted: sha256:e884aa98036fb0aeef09e45511f9c9fc4bd7adf39afcfc5e876b3756fac1b95
```

```
Deleted: sha256:d3291a239dcb772fa87a834d159148e8248c1a395262a5fffd20d505755b9899f
```

```
Deleted: sha256:66d87d9d205017c9b807aab047d658c8c54dba00fb5bac652952a4ef6a2aedb5
```

```
Deleted: sha256:abb1f5685ee84014f9578884fab8accc3973d4212f281128dcb284e1db2ab633
```

```
Deleted: sha256:32adb198bec25e77771d46639f9d099ba054a763d0ff76dcbd31a48d849bff53
```

```
Deleted: sha256:6a5ba2d34960a843fcdf84c3e85243383f22ff5eabac9f5171ac8ea0545f5a5a
```

```
++ docker image ls
```

```
++ grep -E -m1 noaaepic
```

```
++ awk '{ print $3 }'
```

```
+ docker rmi -f 1920f81f6556
```

```
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
```

```
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-
```

```

stack@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8
Deleted: sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738
Deleted: sha256:d91d700fe046d8b5dca3b82d589783b859fa1d0f59b40b5c92554d25cbf68acc
Deleted: sha256:5b27180194225db246c7f38ae95fd1e3ed42abfa879c99a994e23184bce24194
Deleted: sha256:00cea692fd3d2f6b60f8530cf7603cb35aae6c603e6e4499befcd760adffcb5f
Deleted: sha256:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4fff75e77033e
Deleted: sha256:0130cb63d59064b5287f4f6638c598add5452f44bfb36f0be6ed076a72a3d4c
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5
Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaab30aef5a6d99aea3fe74d8cc69d4e7bf2
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
Deleted: sha256:ccdbb80308cc5ef43b605ac28fac29c6a597f89f5a169bbedbb8dec29c987439
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }

```

'rst'] Running test for rst

THRD: 1; INPES: 2; JNPES: 2; TPN: 40

```

'dcp'] reset of fraction_interval w          5  21600.0000
       reset of fraction_interval w          5  21600.0000
       reset of fraction_interval u          5  21600.0000
       reset of fraction_interval u          5  21600.0000
       reset of fraction_interval v          5  21600.0000
       reset of fraction_interval v          5  21600.0000

```

'rst'] ++ mpiexec -n 80 ./fv3.exe

```

(MOM_cap:InitializeAdvertise)current time: y,m,d-      2021      3      22
h,m,s=          18          0          0
(MOM_cap:InitializeAdvertise)start time: y,m,d-      2021      3      22 h,m,s=
6          0          0

```

WARNING from PE 0: MOM_obsolete_params: ETA_TOLERANCE_AUX is an obsolete run-time flag.

```

'dcp'] in readxml,bf readxml,size(post_avblflds%param)=      47
       xml_perl_data read Post flat file
       allocate paramset to :          2
       allocate param to :          112
       sum num_post_afld :          112
       allocate param to :          209
       sum num_post_afld :          321

```

```

in readxml, aft read flat file.xml,num_post_afld=      209
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:      209
datset is: GFSPRS
MXFLD is:      1200
size of lvlxml:      160500
size of post_avblflds param      209
in readxml. nfld=      209 nrecout=      1108
PROCESS starts
PROCESS MDLFLD done

```

'rst']

```

WARNING from PE      0: Open_file is appending .nc to the filename
MOM6_OUTPUT/ocean_geometry

```

'dcp']

```

PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts

```

'thr'] reset of fraction_interval w 5 21600.0000

'dcp'] reset of fraction_interval w MDL2THANDPV ends

```

PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done

```

'thr'] ient,iget = 1007 5 21600.0000

reset of fraction_interval u 5 21600.0000

'dcp'] reset of fraction_interval u -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

'thr'] 5 21600.0000

reset of fraction_interval v 5 21600.0000

'dcp'] reset of fraction_interval v 5 PROCESS done

ient,iget = 1007 -1

ient,iget = 1008 -1

'thr'] ient,iget = 21600.0000

'dcp'] 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

```
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

Size of pset is: 112

datset is: GFSFLX

MXFLD is: 1200

size of lvlxml: 160500

size of post_avblflds param 112

in readxml. nfld= 112 nrecout= 121

```
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

```
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

'rst']

WARNING from PE 0: KVML is a deprecated parameter. Use KV_ML_INVZ2 instead.

WARNING from PE 0: set_diffusivity_init: SIMPLE_TKE_TO_KD can not be used reliably with USE_REGRIDDING.

WARNING from PE 0: read_field_2d:time level specified, but the variable tideamp does not have an unlimited dimension in INPUT/tidal_amplitude.nc

WARNING from PE 0: Unused line in INPUT/MOM_input : ODA_INCUPD_FILE = "mom6_increment.nc"

WARNING from PE 0: Unused line in INPUT/MOM_input : ODA_TEMPINC_VAR = "pt_inc"

WARNING from PE 0: Unused line in INPUT/MOM_input : ODA_SALTINC_VAR = "s_inc"

WARNING from PE 0: Unused line in INPUT/MOM_input : ODA_THK_VAR = "h_fg"

```

WARNING from PE      0: Unused line in INPUT/MOM_input : ODA_UINC_VAR = "u_inc"

WARNING from PE      0: Unused line in INPUT/MOM_input : ODA_VINC_VAR = "v_inc"

WARNING from PE      0: Unused line in INPUT/MOM_input : ODA_INCUPD_NHOURS = 6

WARNING from PE      0: Unused line in INPUT/MOM_input : WAVE_METHOD = "SURFACE_BANDS"

WARNING from PE      0: Unused line in INPUT/MOM_input : SURFBAND_SOURCE = "COUPLER"

WARNING from PE      0: Unused line in INPUT/MOM_input : STK_BAND_COUPLER = 3

WARNING from PE      0: Unused line in INPUT/MOM_input : SURFBAND_WAVENUMBERS = 0.04, 0.11,
0.3305

```

```

'dcp'] in readxml,bf readxml,size(post_avblflds%param)=          219
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          219
sum num_post_afld :          219
allocate param to :          264
sum num_post_afld :          483
in readxml, aft read flat file.xml,num_post_afld=          264
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          264
datset is: PRSLEV
MXFLD is:          1200
size of lvlxml:          241500
size of post_avblflds param          264
in readxml. nfld=          264 nrecout=          1084
PROCESS starts

```

```

'rst'] Using non-aerosol-aware version of Thompson microphysics
calling table_ccnAct routine
creating qc collision eff tables
creating rain evap table
creating ice converting to snow table
creating rain collecting graupel table

```



```

    creating freezing of water drops table
    ... DONE microphysical lookup tables
'dcp'] PROCESS MDLFLD done
'thr'] in readxml,bf readxml,size(post_avblflds%param)=          219
xml_perl_data read Post flat file
allocate paramset to :           2
allocate param to :             219
sum num_post_afld :             219
allocate param to :             264
sum num_post_afld :             483
in readxml, aft read flat file.xml,num_post_afld=          264
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:              264
datset is: PRSLEV
MXFLD is:                    1200
size of lvlxml:                241500
size of post_avblflds param    264
in readxml. nfld=              264 nrecout=          1084
PROCESS starts
PROCESS MDLFLD done
'dcp'] PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=              0    3000000    333600.000
numr,dyval,DY_m=              0    3000000    333600.000
numr,dyval,DY_m=              0    3000000    333600.000
numr,dyval,DY_m=              0    3000000    333600.000
numr,dyval,DY_m=              0    3000000    333600.000
numr,dyval,DY_m=              0    3000000    333600.000
numr,dyval,DY_m=              0    3000000    333600.000
numr,dyval,DY_m=              0    3000000    333600.000
numr,dyval,DY_m=              0    3000000    333600.000
numr,dyval,DY_m=              0    3000000    333600.000
numr,dyval,DY_m=              0    3000000    333600.000
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =                    1007          -1

```

```
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

Size of pset is: 219

datset is: NATLEV

MXFLD is: 1200

size of lvlxml: 241500

```

size of post_avblflds param          219
in readxml. nfld=          219 nrecout=          1569
PROCESS starts
PROCESS MDLFLD done
'thr'] PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=          0    3000000    333600.000
numr,dyval,DY_m=          0    3000000    333600.000
numr,dyval,DY_m=          0    3000000    333600.000
numr,dyval,DY_m=          0    3000000    333600.000
numr,dyval,DY_m=          0    3000000    333600.000
numr,dyval,DY_m=          0    3000000    333600.000
numr,dyval,DY_m=          0    3000000    333600.000
numr,dyval,DY_m=          0    3000000    333600.000
numr,dyval,DY_m=          0    3000000    333600.000
numr,dyval,DY_m=          0    3000000    333600.000
PROCESS CLDRAD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1

```

```

PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
Size of pset is:      219
datset is: NATLEV
MXFLD is:      1200
size of lvlxml:      241500
size of post_avblflds param      219
in readxml. nfld=      219 nrecout=      1569
PROCESS starts
'dcp'] PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000

```

numr,dyval,DY_m=	0	3000000	333600.000
------------------	---	---------	------------

numr,dyval,DY_m=	0	3000000	333600.000
------------------	---	---------	------------

PROCESS CLDRAD done

ient,iget =	1007	-1
-------------	------	----

ient,iget =	1007	-1
-------------	------	----

ient,iget =	1008	-1
-------------	------	----

ient,iget =	1009	-1
-------------	------	----

ient,iget =	1010	-1
-------------	------	----

ient,iget =	1008	-1
-------------	------	----

ient,iget =	1009	-1
-------------	------	----

ient,iget =	1010	-1
-------------	------	----

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

ient,iget =	1007	-1
-------------	------	----

ient,iget =	1008	-1
-------------	------	----

ient,iget =	1009	-1
-------------	------	----

ient,iget =	1010	-1
-------------	------	----

PROCESS done

ient,iget =	1007	-1
-------------	------	----

ient,iget =	1008	-1
-------------	------	----

ient,iget =	1009	-1
-------------	------	----

ient,iget =	1010	-1
-------------	------	----

ient,iget =	1007	-1
-------------	------	----

ient,iget =	1008	-1
-------------	------	----

ient,iget =	1009	-1
-------------	------	----

ient,iget =	1010	-1
-------------	------	----

ient,iget =	1007	-1
-------------	------	----

ient,iget =	1008	-1
-------------	------	----

ient,iget =	1009	-1
-------------	------	----

ient,iget =	1010	-1
-------------	------	----

ient,iget =	1007	-1
-------------	------	----

ient,iget =	1008	-1
-------------	------	----

ient,iget =	1009	-1
-------------	------	----

ient,iget =	1010	-1
-------------	------	----

ient,iget =	1007	-1
-------------	------	----

ient,iget =	1008	-1
-------------	------	----

ient,iget =	1009	-1
-------------	------	----

ient,iget =	1010	-1
-------------	------	----

ient,iget =	1007	-1
-------------	------	----

```
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

Running test for dcp

THRD: 1; INPES: 5; JNPES: 12; TPN: 40

'thr'] PROCESS MDLFLD done

'dcp'] ++ mpiexec -n 80 ./fv3.exe

```
'dcp'] in readxml,bf readxml,size(post_avblflds%param)=      112
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :            112
sum num_post_afld :            112
allocate param to :            209
sum num_post_afld :            321
in readxml, aft read flat file.xml,num_post_afld=      209
in readxml, aft read flat file.xml,num_pset=            2
Size of pset is:              209
datset is: GFSPRS
MXFLD is:                    1200
size of lvlxml:              160500
size of post_avblflds param      209
in readxml. nfld=            209 nrecout=            1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
```

```
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
```

```
ient,iget =          1009          -1
ient,iget =          1010          -1
Size of pset is:          112
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          160500
size of post_avblflds param          112
in readxml. nfld=          112 nrecout=          121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
PROCESS done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
```



```
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

```
cat: '/home/builder/ufs-weather-model/tests/log_opnReqTest_linux.gnu/compile_*_time.log':
No such file or directory
```

```
baseline dir = /home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/control_p8_std_base
```

```
working dir = /home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/control_p8_dcp
```

```
Checking test dcp control_p8 results ....
```

```
Comparing sfcf000.nc .....OK
Comparing sfcf021.nc .....OK
Comparing sfcf024.nc .....OK
Comparing atmf000.nc .....OK
Comparing atmf021.nc .....OK
Comparing atmf024.nc .....OK
Comparing GFSFLX.GrbF00 .....OK
Comparing GFSFLX.GrbF21 .....OK
Comparing GFSFLX.GrbF24 .....OK
Comparing GFSPRS.GrbF00 .....OK
```

```
Comparing GFSPRS.GrbF21 .....OK
Comparing GFSPRS.GrbF24 .....OK
Comparing RESTART/20210323.060000.coupler.res .....OK
Comparing RESTART/20210323.060000.fv_core.res.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile1.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile2.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile3.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile4.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile5.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile6.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile1.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile2.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile3.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile4.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile5.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile6.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile1.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile2.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile3.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile4.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile5.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile6.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile1.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile2.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile3.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile4.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile5.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile6.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile1.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile2.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile3.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile4.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile5.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile6.nc .....OK
```

The total amount of wall time = 1428.941223

The maximum resident set size (KB) = 1429540

Test dcp_control_p8 PASS

```
baseline dir = /home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/control_p8_std_base
working dir  = /home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/control_p8_std_base
Checking test std_base control_p8 results ....
```

```
Moving baseline std_base control_p8 files ....
Moving sfcf000.nc .....OK
Moving sfcf021.nc .....OK
Moving sfcf024.nc .....OK
Moving atmf000.nc .....OK
Moving atmf021.nc .....OK
Moving atmf024.nc .....OK
Moving GFSFLX.GrbF00 .....OK
Moving GFSFLX.GrbF21 .....OK
Moving GFSFLX.GrbF24 .....OK
Moving GFSPRS.GrbF00 .....OK
Moving GFSPRS.GrbF21 .....OK
Moving GFSPRS.GrbF24 .....OK
Moving RESTART/20210323.060000.coupler.res .....OK
Moving RESTART/20210323.060000.fv_core.res.nc .....OK
Moving RESTART/20210323.060000.fv_core.res.tile1.nc .....OK
Moving RESTART/20210323.060000.fv_core.res.tile2.nc .....OK
Moving RESTART/20210323.060000.fv_core.res.tile3.nc .....OK
Moving RESTART/20210323.060000.fv_core.res.tile4.nc .....OK
Moving RESTART/20210323.060000.fv_core.res.tile5.nc .....OK
Moving RESTART/20210323.060000.fv_core.res.tile6.nc .....OK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile1.nc .....OK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile2.nc .....OK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile3.nc .....OK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile4.nc .....OK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile5.nc .....OK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile6.nc .....OK
Moving RESTART/20210323.060000.fv_tracer.res.tile1.nc .....OK
Moving RESTART/20210323.060000.fv_tracer.res.tile2.nc .....OK
Moving RESTART/20210323.060000.fv_tracer.res.tile3.nc .....OK
Moving RESTART/20210323.060000.fv_tracer.res.tile4.nc .....OK
Moving RESTART/20210323.060000.fv_tracer.res.tile5.nc .....OK
Moving RESTART/20210323.060000.fv_tracer.res.tile6.nc .....OK
Moving RESTART/20210323.060000.phy_data.tile1.nc .....OK
Moving RESTART/20210323.060000.phy_data.tile2.nc .....OK
Moving RESTART/20210323.060000.phy_data.tile3.nc .....OK
Moving RESTART/20210323.060000.phy_data.tile4.nc .....OK
Moving RESTART/20210323.060000.phy_data.tile5.nc .....OK
Moving RESTART/20210323.060000.phy_data.tile6.nc .....OK
Moving RESTART/20210323.060000.sfc_data.tile1.nc .....OK
Moving RESTART/20210323.060000.sfc_data.tile2.nc .....OK
Moving RESTART/20210323.060000.sfc_data.tile3.nc .....OK
Moving RESTART/20210323.060000.sfc_data.tile4.nc .....OK
Moving RESTART/20210323.060000.sfc_data.tile5.nc .....OK
```

Moving RESTART/20210323.060000.sfc_data.tile6.ncOK

The total amount of wall time = 1425.596555

The maximum resident set size (KB) = 1428516

Test std_base control_p8 PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 00h:50m:40s. Have a nice day!

opnReqTest finished

[Pipeline] }

[Pipeline] // stage

Post stage

[Pipeline] sh

```
'dcp'] ++ docker image ls
```

```
++ grep -E -m1 ci-test-weather
```

```
++ awk '{ print $3 }'
```

```
+ docker rmi -f 16ebc0041b08
```

```
Untagged: ci-test-weather:latest
```

```
Deleted: sha256:16ebc0041b081e4a3ab6a854e4efb4b42d892670e8e985711c1a1177a1941126
```

```
Deleted: sha256:1b4ae95a0143c5302e4a6e297ec8d570d5628913db556d838948886cd26be637
```

```
Deleted: sha256:6b71a25b1e87d90a2c585327b164d9050da87f309f1c34c05cc8a8cd4f3a92f5
```

```
Deleted: sha256:45b6515a71d89777f967f29a05400fc5239dde5cb8df034155ffdef824e5700
```

```
Deleted: sha256:c7ae3b21d76d5d3de527ca9c54e1e8ba4896052bec6fc3d1415a77aff160cd16
```

```
Deleted: sha256:dfd39d4b890543805b912041e302bebfd972f36cc29144956b5a5d55b0c4530b
```

```
Deleted: sha256:3afabfec6d776b9ccee1a4856f11182f853f551421d9051cf9d5d6c928ec76d
```

```
Deleted: sha256:fa6df675aabb066618885c8d9360d241a6a34e5353128355bbe54fc72966a32a
```

```
Deleted: sha256:5b6f40e1f724ef9cdfb1e2bedcb3cee31514ef2cc4c7fee14238758aa416925
```

```
Deleted: sha256:da20c4bc593850456fa84634a80600c955f2b1f9392f74decee2580d7421cb2c
```

```
Deleted: sha256:7426c28087c3f1f5900d8d932a6e1b82bf05b6f70875467e674a6ae11754b497
```

```
Deleted: sha256:20c948e97896f522f18cc0bee7087a30429855323cd0bb36598a1abfd15d92ce
```

```
Deleted: sha256:415ee4bfa630fc6c0b9ad87941e001ea42a65d9ec2f8105bbebf9b32a077c2d9
```

```
Deleted: sha256:6659a7776f103e47700cc3f25ae5983d9438da70d7b793ec335c6231ce0e612e
```

```
Deleted: sha256:e1eccdd88b2b8cf8696727f5d14ed9ead20f7e7f98ea07b73c85daa1ca28fdd8
```

```
Deleted: sha256:46378ef1c9b7c265a0e0d9e5d9aa217565946d044a8429f8e01f34e39f210851
```

```
++ docker image ls
```

```
++ grep -E -m1 noaaepic
```

```
++ awk '{ print $3 }'
```

```
+ docker rmi -f 1920f81f6556
```

```
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
```

```
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-
```

```
stack@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
```

```
Deleted: sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738
```

```
Deleted: sha256:d91d700fe046d8b5dca3b82d589783b859fa1d0f59b40b5c92554d25cbf68acc
```

Deleted: sha256:5b27180194225db246c7f38ae95fd1e3ed42abfa879c99a994e23184bce24194
 Deleted: sha256:00cea692fd3d2f6b60f8530cf7603cb35aae6c603e6e4499befcd760adffcb5f
 Deleted: sha256:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4fff75e77033e
 Deleted: sha256:0130cb63d59064b5287f4f6638c598add5452f44bfb36f0be6ed076a72a3d4c
 Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
 Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5
 Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaab30aef5a6d99aea3fe74d8cc69d4e7bf2
 Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
 Deleted: sha256:ccdbb80308cc5ef43b605ac28fac29c6a597f89f5a169bbbedbb8dec29c987439

[Pipeline] }

[Pipeline] // withEnv

[Pipeline] }

[Pipeline] // node

[Pipeline] }

[Pipeline] // withEnv

[Pipeline] }

[Pipeline] // stage

[Pipeline] }

'thr'] PROCESS MDL2P done

PROCESS MDL2SIGMA done

PROCESS MDL2SIGMA2 done

PROCESS MDL2AGL done

PROCESS SURFCE done

numr,dyval,DY_m= 0 3000000 333600.000

numr,dyval,DY_m= 0 3000000 333600.000

numr,dyval,DY_m= 0 3000000 333600.000

numr,dyval,DY_m= 0 3000000 333600.000

numr,dyval,DY_m= 0 3000000 333600.000

numr,dyval,DY_m= 0 3000000 333600.000

numr,dyval,DY_m= 0 3000000 333600.000

numr,dyval,DY_m= 0 3000000 333600.000

numr,dyval,DY_m= 0 3000000 333600.000

numr,dyval,DY_m= 0 3000000 333600.000

PROCESS CLDRAD done

'dcp']

WARNING from PE 0: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 1: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 2: atmos_modeldefine_blocks_packed: domain (64 16) is not an even

divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 3: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 4: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 5: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 7: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 8: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 9: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 10: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 11: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 12: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 14: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 16: atmos_modeldefine_blocks_packed: domain (64 16) is not an even

divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 17: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 18: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 19: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 20: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 22: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 23: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 32: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 33: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 34: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 35: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 36: atmos_modeldefine_blocks_packed: domain (64 16) is not an even

divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 38: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 39: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 40: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 41: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 42: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 43: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 44: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 45: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 46: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 47: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 49: atmos_modeldefine_blocks_packed: domain (64 16) is not an even

divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 52: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 53: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 56: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 58: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 59: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 24: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 25: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 28: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 29: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 30: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 31: atmos_modeldefine_blocks_packed: domain (64 16) is not an even

divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 13: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 26: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 27: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 6: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 15: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 21: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 37: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 48: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 50: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 51: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 54: atmos_modeldefine_blocks_packed: domain (64 16) is not an even

divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 55: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 57: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

Using non-aerosol-aware version of Thompson microphysics

calling table_ccnAct routine
 creating qc collision eff tables
 creating rain evap table
 creating ice converting to snow table
 creating rain collecting graupel table
 creating freezing of water drops table
 ... DONE microphysical lookup tables

```
'thr'] ient,iget =      1007      -1
        ient,iget =      1008      -1
        ient,iget =      1009      -1
        ient,iget =      1010      -1
```

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

```
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

PROCESS done

```
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
```

```
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

Running test for thr

THRD: 2; INPES: 5; JNPES: 11; TPN: 20

++ mpiexec -n 70 ./fv3.exe

WARNING from PE 1: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 2: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 3: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 4: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 5: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 6: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 7: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 8: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 9: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 10: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 11: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 12: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 13: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 14: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 15: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 16: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 17: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 19: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 20: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 21: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 22: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 23: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 24: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 25: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 26: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 27: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 28: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 29: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

WARNING from PE 32: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 33: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 34: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 35: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 36: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 37: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 38: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 39: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 40: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 41: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 42: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 43: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 44: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 45: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 46: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 47: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 48: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 49: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 50: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 51: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 52: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 53: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 54: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 0: atmos_modeldefine_blocks_packed: domain (64 18) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 4

WARNING from PE 18: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 30: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

WARNING from PE 31: atmos_modeldefine_blocks_packed: domain (64 17) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 24

Using non-aerosol-aware version of Thompson microphysics

```
calling table_ccnAct routine
creating qc collision eff tables
creating rain evap table
creating ice converting to snow table
creating rain collecting graupel table
creating freezing of water drops table
... DONE microphysical lookup tables
```

```
'dcp'] in readxml,bf readxml,size(post_avblflds%param)= 1
xml_perl_data read Post flat file
allocate paramset to : 2
allocate param to : 219
sum num_post_afld : 219
allocate param to : 264
sum num_post_afld : 483
in readxml, aft read flat file.xml,num_post_afld= 264
in readxml, aft read flat file.xml,num_pset= 2
Size of pset is: 264
datset is: PRSLEV
```

```
MXFLD is:          1200
size of lvlxml:    241500
size of post_avblflds param      264
in readxml. nfld=      264 nrecout=      1084
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
PROCESS done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
```

```
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
Size of pset is:      219
datset is: NATLEV
MXFLD is:      1200
size of lvlxml:      241500
size of post_avblflds param      219
in readxml. nfld=      219 nrecout=      1569
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
```

```
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
```

PROCESS CLDRAD done

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

```
ient,iget =      1007      -1
```

```
ient,iget =      1008      -1
```

```
ient,iget =      1009      -1
```

```
ient,iget =      1010      -1
```

PROCESS done

```
ient,iget =      1007      -1
```

```
ient,iget =      1008      -1
```

```
ient,iget =      1009      -1
```

```
ient,iget =      1010      -1
```

```
ient,iget =      1007      -1
```

```
ient,iget =      1008      -1
```

```
ient,iget =      1009      -1
```

```
ient,iget =      1010      -1
```

```
ient,iget =      1007      -1
```

```
ient,iget =      1008      -1
```

```
ient,iget =      1009      -1
```

```
ient,iget =      1010      -1
```

```
ient,iget =      1007      -1
```

```
ient,iget =      1008      -1
```

```
ient,iget =      1009      -1
```

```
ient,iget =      1010      -1
```

```
ient,iget =      1007      -1
```

```
ient,iget =      1008      -1
```

```
ient,iget =      1009      -1
```

```
ient,iget =      1010      -1
```

```
ient,iget =      1007      -1
```

```
ient,iget =      1008      -1
```

```
ient,iget =      1009      -1
```

```
ient,iget =      1010      -1
```

```
ient,iget =      1007      -1
```

```
ient,iget =      1008      -1
```

```

ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
'thr'] in readxml,bf readxml,size(post_avblflds%param)=          1
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          219
sum num_post_afld :          219
allocate param to :          264
sum num_post_afld :          483
in readxml, aft read flat file.xml,num_post_afld=          264
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          264
datset is: PRSLEV
MXFLD is:          1200
size of lvl$xml:          241500
size of post_avblflds param          264
in readxml. nfld=          264 nrecout=          1084
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
PROCESS CLDRAD done
ient,iget =          1007          -1

```

```
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
```

```
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
Size of pset is:      219
dataset is: NATLEV
MXFLD is:      1200
size of lvlxml:      241500
size of post_avblflds param      219
in readxml. nfld=      219 nrecout=      1569
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
PROCESS CLDRAD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
```

```

ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1

```

```

'mpi'] in readxml,bf readxml,size(post_avblflds%param)=          1
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          112
sum num_post_afld :          112
allocate param to :          209
sum num_post_afld :          321
in readxml, aft read flat file.xml,num_post_afld=          209
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          209
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          160500

```



```
size of post_avblflds param          209
in readxml. nfld=          209 nrecout=          1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
```

```
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
Size of pset is:      112
dataset is: GFSFLX
MXFLD is:      1200
size of lvlxml:      160500
size of post_avblflds param      112
in readxml. nfld=      112 nrecout=      121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

```
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

```
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
in readxml,bf readxml,size(post_avblflds%param)=      47
xml_perl_data read Post flat file
allocate paramset to :      2
allocate param to :      112
sum num_post_afld :      112
allocate param to :      209
sum num_post_afld :      321
in readxml, aft read flat file.xml,num_post_afld=      209
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      209
datset is: GFSPRS
MXFLD is:      1200
size of lvlxml:      160500
size of post_avblflds param      209
in readxml. nfld=      209 nrecout=      1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
```

```
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

Size of pset is: 112

datset is: GFSFLX

MXFLD is: 1200

size of lvlxml: 160500

size of post_avblflds param 112

```
in readxml. nfld=          112 nrecout=          121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
PROCESS done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
```

```
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

```
cat: '/home/builder/ufs-weather-model/tests/log_opnReqTest_linux.gnu/compile_*_time.log':
No such file or directory
```

```
baseline dir = /home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/control_p8_std_base
```

```
working dir = /home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/control_p8_mpi
```

```
Checking test mpi control_p8 results ....
```

```
Comparing sfcf000.nc .....OK
Comparing sfcf021.nc .....OK
Comparing sfcf024.nc .....OK
Comparing atmf000.nc .....OK
Comparing atmf021.nc .....OK
Comparing atmf024.nc .....OK
Comparing GFSFLX.GrbF00 .....OK
Comparing GFSFLX.GrbF21 .....OK
Comparing GFSFLX.GrbF24 .....OK
Comparing GFSPRS.GrbF00 .....OK
Comparing GFSPRS.GrbF21 .....OK
Comparing GFSPRS.GrbF24 .....OK
Comparing RESTART/20210323.060000.coupler.res .....OK
Comparing RESTART/20210323.060000.fv_core.res.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile1.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile2.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile3.nc .....OK
```

```
Comparing RESTART/20210323.060000.fv_core.res.tile4.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile5.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile6.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile1.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile2.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile3.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile4.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile5.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile6.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile1.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile2.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile3.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile4.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile5.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile6.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile1.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile2.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile3.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile4.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile5.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile6.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile1.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile2.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile3.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile4.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile5.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile6.nc .....OK
```

The total amount of wall time = 1981.948945

The maximum resident set size (KB) = 1567864

Test mpi control_p8 PASS

baseline dir = /home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/control_p8_std_base

working dir = /home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/control_p8_std_base

Checking test std_base control_p8 results

Moving baseline std_base control_p8 files

Moving sfcf000.ncOK

Moving sfcf021.ncOK

Moving sfcf024.ncOK

Moving atmf000.ncOK

Moving atmf021.ncOK

Moving atmf024.ncOK

Moving GFSFLX.GrbF00OK
Moving GFSFLX.GrbF21OK
Moving GFSFLX.GrbF24OK
Moving GFSPRS.GrbF00OK
Moving GFSPRS.GrbF21OK
Moving GFSPRS.GrbF24OK
Moving RESTART/20210323.060000.coupler.resOK
Moving RESTART/20210323.060000.fv_core.res.ncOK
Moving RESTART/20210323.060000.fv_core.res.tile1.ncOK
Moving RESTART/20210323.060000.fv_core.res.tile2.ncOK
Moving RESTART/20210323.060000.fv_core.res.tile3.ncOK
Moving RESTART/20210323.060000.fv_core.res.tile4.ncOK
Moving RESTART/20210323.060000.fv_core.res.tile5.ncOK
Moving RESTART/20210323.060000.fv_core.res.tile6.ncOK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile1.ncOK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile2.ncOK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile3.ncOK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile4.ncOK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile5.ncOK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile6.ncOK
Moving RESTART/20210323.060000.fv_tracer.res.tile1.ncOK
Moving RESTART/20210323.060000.fv_tracer.res.tile2.ncOK
Moving RESTART/20210323.060000.fv_tracer.res.tile3.ncOK
Moving RESTART/20210323.060000.fv_tracer.res.tile4.ncOK
Moving RESTART/20210323.060000.fv_tracer.res.tile5.ncOK
Moving RESTART/20210323.060000.fv_tracer.res.tile6.ncOK
Moving RESTART/20210323.060000.phy_data.tile1.ncOK
Moving RESTART/20210323.060000.phy_data.tile2.ncOK
Moving RESTART/20210323.060000.phy_data.tile3.ncOK
Moving RESTART/20210323.060000.phy_data.tile4.ncOK
Moving RESTART/20210323.060000.phy_data.tile5.ncOK
Moving RESTART/20210323.060000.phy_data.tile6.ncOK
Moving RESTART/20210323.060000.sfc_data.tile1.ncOK
Moving RESTART/20210323.060000.sfc_data.tile2.ncOK
Moving RESTART/20210323.060000.sfc_data.tile3.ncOK
Moving RESTART/20210323.060000.sfc_data.tile4.ncOK
Moving RESTART/20210323.060000.sfc_data.tile5.ncOK
Moving RESTART/20210323.060000.sfc_data.tile6.ncOK

The total amount of wall time = 1480.664278

The maximum resident set size (KB) = 1428844

Test std_base control_p8 PASS

```
OPERATION REQUIREMENT TEST WAS SUCCESSFUL
Elapsed time: 01h:00m:49s. Have a nice day!
opnReqTest finished
[Pipeline] }
[Pipeline] // stage
Post stage
[Pipeline] sh
'mpi'] ++ docker image ls
++ grep -E -m1 ci-test-weather
++ awk '{ print $3 }'
+ docker rmi -f 0de62b3006b7
Untagged: ci-test-weather:latest
Deleted: sha256:0de62b3006b716474f29e88b58bb0da5123e612de6ef959ec2eb52990cb5dfef6
Deleted: sha256:d0aaa737f68f364770bddc6ac4508c77a1b953bf4fc9bf0956f121b2dc392d3c
Deleted: sha256:36a8d3382173846e73a449fa533e4b1dbb7cd78a2a32b96fa6d3113bfeb5f85d
Deleted: sha256:430e78a2dcbf19df990fc80fd2154e6e6001c417509c47872482783a68a60a54
Deleted: sha256:5fc301cd7b421d845681edca2a25293c913433097f97e119b61b3b5650e62d3f
Deleted: sha256:ca887be38be92c1314e8e0b3be8906b5430acaf8ede1f48dc2b064acd2d7d930
Deleted: sha256:01a925b9ea554278a96ab2ee4705e5627c79d57b0611f9f959eb025b72386c21
Deleted: sha256:583e33e225dfb7e0ad9086f7d773627eea78281c915d05c25f67054126008260
Deleted: sha256:cd5c5b8e49958d54da58d23f0dd9ecd768098e1ab3ce3f0cd94ac5a89ca4b334
Deleted: sha256:11f0e1110cd5ade8c8f56c69e2ab3786464ec5b55768e5abacde62d685002dae
Deleted: sha256:c9815a3e3ccffc786d1bcaa00efd83897f0a2073d15c84e4000eb1d524009f31
Deleted: sha256:210779635d01b5d8074e3334223274b14ea565e811d145252624ea28ad876f2e
Deleted: sha256:7c108a709d25bb5c304426a0372c496b88cc8c8ef252c5ed2fc6c96369a33838
Deleted: sha256:a27e235087b8d1a6a77c60614629444b6c226abf008635db025830df7596c1e4
Deleted: sha256:d00f69e6a6dc15aaaf09b5d9f4c38f418f0674308b40f953ee447c1a9d850559
Deleted: sha256:8b481fff139be365cd284eb10f36966d93a9f4d6328b2ee4349691d8d90f43543
++ docker image ls
++ grep -E -m1 noaaepic
++ awk '{ print $3 }'
+ docker rmi -f 1920f81f6556
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-
stack@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8
Deleted: sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738
Deleted: sha256:d91d700fe046d8b5dca3b82d589783b859fa1d0f59b40b5c92554d25cbf68acc
Deleted: sha256:5b27180194225db246c7f38ae95fd1e3ed42abfa879c99a994e23184bce24194
Deleted: sha256:00cea692fd3d2f6b60f8530cf7603cb35aae6c603e6e4499befcd760adffcb5f
Deleted: sha256:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4fff75e77033e
Deleted: sha256:0130cb63d59064b5287f4f6638c598addd5452f44bfb36f0be6ed076a72a3d4c
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5
Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaab30aef5a6d99aea3fe74d8cc69d4e7bf2
```

Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741

Deleted: sha256:ccd8b80308cc5ef43b605ac28fac29c6a597f89f5a169bbbedbb8dec29c987439

[Pipeline] }

[Pipeline] // withEnv

[Pipeline] }

[Pipeline] // node

[Pipeline] }

[Pipeline] // withEnv

[Pipeline] }

[Pipeline] // stage

[Pipeline] }

```
'thr'] reset of fraction_interval w          5  10800.0000
        reset of fraction_interval w          5  10800.0000
        reset of fraction_interval u          5  10800.0000
        reset of fraction_interval u          5  10800.0000
        reset of fraction_interval v          5  10800.0000
        reset of fraction_interval v          5  10800.0000
        in readxml,bf readxml,size(post_avblflds%param)=          219
        xml_perl_data read Post flat file
        allocate paramset to :                2
        allocate param to :                   219
        sum num_post_afld :                   219
        allocate param to :                   264
        sum num_post_afld :                   483
        in readxml, aft read flat file.xml,num_post_afld=          264
        in readxml, aft read flat file.xml,num_pset=                2
        Size of pset is:                      264
        datset is: PRSLEV
        MXFLD is:                             1200
        size of lvlxml:                       241500
        size of post_avblflds param           264
        in readxml. nfld=                      264 nrecout=          1084
        PROCESS starts
        PROCESS MDLFLD done
        PROCESS MDL2P done
        PROCESS MDL2SIGMA done
        PROCESS MDL2SIGMA2 done
        PROCESS MDL2AGL done
        PROCESS SURFCE done
        numr,dyval,DY_m=                      0    3000000  333600.000
        numr,dyval,DY_m=                      0    3000000  333600.000
        numr,dyval,DY_m=                      0    3000000  333600.000
        numr,dyval,DY_m=                      0    3000000  333600.000
        numr,dyval,DY_m=                      0    3000000  333600.000
```

```
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
```

PROCESS CLDRAD done

```
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

```
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

PROCESS done

```
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
```

```
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
Size of pset is:      219
datset is: NATLEV
MXFLD is:      1200
size of lvlxml:      241500
size of post_avblflds param      219
in readxml. nfld=      219 nrecout=      1569
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
PROCESS CLDRAD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS MISCLN done
PROCESS MDL2STD_P done
```

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

PROCESS done

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

'rst'] cat: '/home/builder/ufs-weather-model/tests/log_opnReqTest_linux.gnu/compile_*_time.log':

No such file or directory

baseline dir =

/home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/cpld_control_c96_noaero_p8_std_base

working dir =

/home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/cpld_control_nowave_noaero_p8_rst

Checking test rst cpld_control_nowave_noaero_p8 results

- Comparing RESTART/20210323.060000.MOM.res.ncOK
- Comparing RESTART/20210323.060000.coupler.resOK
- Comparing RESTART/20210323.060000.fv_core.res.ncOK
- Comparing RESTART/20210323.060000.fv_core.res.tile1.ncOK
- Comparing RESTART/20210323.060000.fv_core.res.tile2.ncOK
- Comparing RESTART/20210323.060000.fv_core.res.tile3.ncOK
- Comparing RESTART/20210323.060000.fv_core.res.tile4.ncOK
- Comparing RESTART/20210323.060000.fv_core.res.tile5.ncOK
- Comparing RESTART/20210323.060000.fv_core.res.tile6.ncOK
- Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile1.ncOK
- Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile2.ncOK
- Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile3.ncOK
- Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile4.ncOK
- Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile5.ncOK
- Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile6.ncOK
- Comparing RESTART/20210323.060000.fv_tracer.res.tile1.ncOK
- Comparing RESTART/20210323.060000.fv_tracer.res.tile2.ncOK
- Comparing RESTART/20210323.060000.fv_tracer.res.tile3.ncOK
- Comparing RESTART/20210323.060000.fv_tracer.res.tile4.ncOK
- Comparing RESTART/20210323.060000.fv_tracer.res.tile5.ncOK
- Comparing RESTART/20210323.060000.fv_tracer.res.tile6.ncOK
- Comparing RESTART/20210323.060000.phy_data.tile1.ncOK
- Comparing RESTART/20210323.060000.phy_data.tile2.ncOK
- Comparing RESTART/20210323.060000.phy_data.tile3.ncOK
- Comparing RESTART/20210323.060000.phy_data.tile4.ncOK
- Comparing RESTART/20210323.060000.phy_data.tile5.ncOK
- Comparing RESTART/20210323.060000.phy_data.tile6.ncOK
- Comparing RESTART/20210323.060000.sfc_data.tile1.ncOK
- Comparing RESTART/20210323.060000.sfc_data.tile2.ncOK
- Comparing RESTART/20210323.060000.sfc_data.tile3.ncOK
- Comparing RESTART/20210323.060000.sfc_data.tile4.ncOK
- Comparing RESTART/20210323.060000.sfc_data.tile5.ncOK
- Comparing RESTART/20210323.060000.sfc_data.tile6.ncOK
- Comparing RESTART/iced.2021-03-23-21600.ncOK
- Comparing RESTART/ufs.cpld.cpl.r.2021-03-23-21600.ncOK
- Comparing atmf024.tile1.ncOK
- Comparing atmf024.tile2.ncOK
- Comparing atmf024.tile3.ncOK
- Comparing atmf024.tile4.ncOK
- Comparing atmf024.tile5.ncOK
- Comparing atmf024.tile6.ncOK
- Comparing sfcf024.tile1.ncOK

```
Comparing sfcf024.tile2.nc .....OK
Comparing sfcf024.tile3.nc .....OK
Comparing sfcf024.tile4.nc .....OK
Comparing sfcf024.tile5.nc .....OK
Comparing sfcf024.tile6.nc .....OK
```

```
The total amount of wall time           = 1303.437510
The maximum resident set size (KB)      = 1438716
```

```
Test rst cpld_control_nowave_noaero_p8 PASS
```

```
baseline dir =
```

```
/home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/cpld_control_c96_noaero_p8_std_base
```

```
working dir =
```

```
/home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/cpld_control_nowave_noaero_p8_std_base
```

```
Checking test std_base cpld_control_nowave_noaero_p8 results ....
```

```
Moving baseline std_base cpld_control_nowave_noaero_p8 files ....
```

```
Moving sfcf021.tile1.nc .....OK
```

```
Moving sfcf021.tile2.nc .....OK
```

```
Moving sfcf021.tile3.nc .....OK
```

```
Moving sfcf021.tile4.nc .....OK
```

```
Moving sfcf021.tile5.nc .....OK
```

```
Moving sfcf021.tile6.nc .....OK
```

```
Moving atmf021.tile1.nc .....OK
```

```
Moving atmf021.tile2.nc .....OK
```

```
Moving atmf021.tile3.nc .....OK
```

```
Moving atmf021.tile4.nc .....OK
```

```
Moving atmf021.tile5.nc .....OK
```

```
Moving atmf021.tile6.nc .....OK
```

```
Moving sfcf024.tile1.nc .....OK
```

```
Moving sfcf024.tile2.nc .....OK
```

```
Moving sfcf024.tile3.nc .....OK
```

```
Moving sfcf024.tile4.nc .....OK
```

```
Moving sfcf024.tile5.nc .....OK
```

```
Moving sfcf024.tile6.nc .....OK
```

```
Moving atmf024.tile1.nc .....OK
```

```
Moving atmf024.tile2.nc .....OK
```

```
Moving atmf024.tile3.nc .....OK
```

```
Moving atmf024.tile4.nc .....OK
```

```
Moving atmf024.tile5.nc .....OK
```

```
Moving atmf024.tile6.nc .....OK
```

```
Moving RESTART/20210323.060000.coupler.res .....OK
```



```
Moving RESTART/20210323.060000.fv_core.res.nc .....OK
Moving RESTART/20210323.060000.fv_core.res.tile1.nc .....OK
Moving RESTART/20210323.060000.fv_core.res.tile2.nc .....OK
Moving RESTART/20210323.060000.fv_core.res.tile3.nc .....OK
Moving RESTART/20210323.060000.fv_core.res.tile4.nc .....OK
Moving RESTART/20210323.060000.fv_core.res.tile5.nc .....OK
Moving RESTART/20210323.060000.fv_core.res.tile6.nc .....OK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile1.nc .....OK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile2.nc .....OK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile3.nc .....OK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile4.nc .....OK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile5.nc .....OK
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile6.nc .....OK
Moving RESTART/20210323.060000.fv_tracer.res.tile1.nc .....OK
Moving RESTART/20210323.060000.fv_tracer.res.tile2.nc .....OK
Moving RESTART/20210323.060000.fv_tracer.res.tile3.nc .....OK
Moving RESTART/20210323.060000.fv_tracer.res.tile4.nc .....OK
Moving RESTART/20210323.060000.fv_tracer.res.tile5.nc .....OK
Moving RESTART/20210323.060000.fv_tracer.res.tile6.nc .....OK
Moving RESTART/20210323.060000.phy_data.tile1.nc .....OK
Moving RESTART/20210323.060000.phy_data.tile2.nc .....OK
Moving RESTART/20210323.060000.phy_data.tile3.nc .....OK
Moving RESTART/20210323.060000.phy_data.tile4.nc .....OK
Moving RESTART/20210323.060000.phy_data.tile5.nc .....OK
Moving RESTART/20210323.060000.phy_data.tile6.nc .....OK
Moving RESTART/20210323.060000.sfc_data.tile1.nc .....OK
Moving RESTART/20210323.060000.sfc_data.tile2.nc .....OK
Moving RESTART/20210323.060000.sfc_data.tile3.nc .....OK
Moving RESTART/20210323.060000.sfc_data.tile4.nc .....OK
Moving RESTART/20210323.060000.sfc_data.tile5.nc .....OK
Moving RESTART/20210323.060000.sfc_data.tile6.nc .....OK
Moving RESTART/20210323.060000.MOM.res.nc .....OK
Moving RESTART/iced.2021-03-23-21600.nc .....OK
Moving RESTART/ufs.cpld.cpl.r.2021-03-23-21600.nc .....OK
```

The total amount of wall time = 2583.842790

The maximum resident set size (KB) = 1949008

Test std_base cpld_control_nowave_noaero_p8 PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 01h:08m:51s. Have a nice day!

opnReqTest finished

[Pipeline] }

```
[Pipeline] // stage
Post stage
[Pipeline] sh
'rst'] ++ docker image ls
++ grep -E -m1 ci-test-weather
++ awk '{ print $3 }'
+ docker rmi -f 7fd829c9741d
Untagged: ci-test-weather:latest
Deleted: sha256:7fd829c9741dae2204e13d0414df7a355bf0b1c0b8169ed2b4b898641e0e2086
Deleted: sha256:92a214360c94233c95af46d435769b0ae8f54b13a11435b4fb0d9063ba98d8c5
Deleted: sha256:163519d0cdc2634c4267b53bfbcb1e88df625dd8523a049529c0699eed957ed5b
Deleted: sha256:cad97ad7c9856a67eafe314c25163ef8dc0f915705e9ad716be76644d866f7c0
Deleted: sha256:27d9fd36b1492d68447aa56d464735ccb77547417e6a717343714d674185642
Deleted: sha256:815d499516ec07805c7c3f6a8f4c43c4d3f890e1d3233bc6b1346bb182c21d
Deleted: sha256:4989718f07f4e12190840b993b32ce7ef30b0646fd52a6242bb38ec121e394b7
Deleted: sha256:396576f5c09f79de654aacfb4fce3d456cdf82970f5f4983c8583a621ad6cbe
Deleted: sha256:841bab8c985bacc11bdcd7220a4c4cf362c46183d769321911eeb2c1ce93a92c
Deleted: sha256:c607790ed79c4c709147bc43d8d204258a000882c3b72d1b336d668e7a1799de
Deleted: sha256:aa6cb8744bf8cfa09d9324a396981ddc6e30244ba973ab60321a3f255662deb7
Deleted: sha256:2ddf85a1e9bb80faf0c26966a0a2699b3b93e0c014dda761e0a96ae866b6683f
Deleted: sha256:73c38c5d37a21e4adf59a8dcc3b3a0d80cf5ec9aba172e9741212eb683709811
Deleted: sha256:4cf19e711086ce48c7e558e2ba52cef682392a3db9eec21e346ea65044f5b8d8
Deleted: sha256:06b69e5bb0deb3188639059d6d25e49e26abf283c3810456ba9a15f885c00fae
Deleted: sha256:d76c857e2e5df22c8ed84be110d7b6d7f0deab541927f8ecb8519b5dac984555
++ docker image ls
++ grep -E -m1 noaaepic
++ awk '{ print $3 }'
+ docker rmi -f 1920f81f6556
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-
stack@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
Deleted: sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738
Deleted: sha256:d91d700fe046d8b5dca3b82d589783b859fa1d0f59b40b5c92554d25cbf68acc
Deleted: sha256:5b27180194225db246c7f38ae95fd1e3ed42abfa879c99a994e23184bce24194
Deleted: sha256:00cea692fd3d2f6b60f8530cf7603cb35aae6c603e6e4499befcd760adffcb5f
Deleted: sha256:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4fff75e77033e
Deleted: sha256:0130cb63d59064b5287f4f6638c598add5452f44bfb36f0be6ed076a72a3d4c
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5
Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaaf30aef5a6d99aea3fe74d8cc69d4e7bf2
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
Deleted: sha256:cdbb80308cc5ef43b605ac28fac29c6a597f89f5a169bbbedbb8dec29c987439
[Pipeline] }
[Pipeline] // withEnv
```

```

[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
'dcp'] reset of fraction_interval w          5  10800.0000
        reset of fraction_interval w          5  10800.0000
        reset of fraction_interval u          5  10800.0000
        reset of fraction_interval u          5  10800.0000
        reset of fraction_interval v          5  10800.0000
        reset of fraction_interval v          5  10800.0000
in readxml,bf readxml,size(post_avblflds%param)=      219
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          219
sum num_post_afld :          219
allocate param to :          264
sum num_post_afld :          483
in readxml, aft read flat file.xml,num_post_afld=      264
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          264
datset is: PRSLEV
MXFLD is:          1200
size of lvl$xml:          241500
size of post_avblflds param          264
in readxml. nfld=          264 nrecout=          1084
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000

```

numr,dyval,DY_m= 0 3000000 333600.000

PROCESS CLDRAD done

ient,iget = 1007 -1
ient,iget = 1008 -1
ient,iget = 1009 -1
ient,iget = 1010 -1

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

ient,iget = 1007 -1
ient,iget = 1008 -1
ient,iget = 1009 -1
ient,iget = 1010 -1

PROCESS done

ient,iget = 1007 -1
ient,iget = 1008 -1
ient,iget = 1009 -1
ient,iget = 1010 -1
ient,iget = 1007 -1
ient,iget = 1008 -1
ient,iget = 1009 -1
ient,iget = 1010 -1
ient,iget = 1007 -1
ient,iget = 1008 -1
ient,iget = 1009 -1
ient,iget = 1010 -1
ient,iget = 1007 -1
ient,iget = 1008 -1
ient,iget = 1009 -1
ient,iget = 1010 -1
ient,iget = 1007 -1
ient,iget = 1008 -1
ient,iget = 1009 -1
ient,iget = 1010 -1
ient,iget = 1007 -1
ient,iget = 1008 -1
ient,iget = 1009 -1
ient,iget = 1010 -1
ient,iget = 1007 -1
ient,iget = 1008 -1

```
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
Size of pset is:          219
dataset is: NATLEV
MXFLD is:          1200
size of lvlxml:          241500
size of post_avblflds param          219
in readxml. nfld=          219 nrecout=          1569
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
PROCESS CLDRAD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
```

```
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
'thr'] reset of fraction_interval w      5  21600.0000
reset of fraction_interval w      5  21600.0000
reset of fraction_interval u      5  21600.0000
reset of fraction_interval u      5  21600.0000
reset of fraction_interval v      5  21600.0000
reset of fraction_interval v      5  21600.0000
in readxml,bf readxml,size(post_avblflds%param)=      219
xml_perl_data read Post flat file
allocate paramset to :      2
allocate param to :      219
```

```

sum num_post_afld :          219
allocate param to :          264
sum num_post_afld :          483
in readxml, aft read flat file.xml,num_post_afld=          264
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:          264
dataset is: PRSLEV
MXFLD is:          1200
size of lvlxml:          241500
size of post_avblflds param          264
in readxml. nfld=          264 nrecout=          1084
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
PROCESS CLDRAD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1

```

PROCESS done

ient,iget =	1007	-1
ient,iget =	1008	-1
ient,iget =	1009	-1
ient,iget =	1010	-1
ient,iget =	1007	-1
ient,iget =	1008	-1
ient,iget =	1009	-1
ient,iget =	1010	-1
ient,iget =	1007	-1
ient,iget =	1008	-1
ient,iget =	1009	-1
ient,iget =	1010	-1
ient,iget =	1007	-1
ient,iget =	1008	-1
ient,iget =	1009	-1
ient,iget =	1010	-1
ient,iget =	1007	-1
ient,iget =	1008	-1
ient,iget =	1009	-1
ient,iget =	1010	-1
ient,iget =	1007	-1
ient,iget =	1008	-1
ient,iget =	1009	-1
ient,iget =	1010	-1
ient,iget =	1007	-1
ient,iget =	1008	-1
ient,iget =	1009	-1
ient,iget =	1010	-1
ient,iget =	1007	-1
ient,iget =	1008	-1
ient,iget =	1009	-1
ient,iget =	1010	-1

Size of pset is: 219

datset is: NATLEV

MXFLD is: 1200

size of lvlxml: 241500

size of post_avblflds param 219

in readxml. nfld= 219 nrecout= 1569

PROCESS starts

PROCESS MDLFLD done

PROCESS MDL2P done

PROCESS MDL2SIGMA done

PROCESS MDL2SIGMA2 done

PROCESS MDL2AGL done

PROCESS SURFCE done

numr,dyval,DY_m=	0	3000000	333600.000
numr,dyval,DY_m=	0	3000000	333600.000
numr,dyval,DY_m=	0	3000000	333600.000
numr,dyval,DY_m=	0	3000000	333600.000
numr,dyval,DY_m=	0	3000000	333600.000
numr,dyval,DY_m=	0	3000000	333600.000
numr,dyval,DY_m=	0	3000000	333600.000
numr,dyval,DY_m=	0	3000000	333600.000
numr,dyval,DY_m=	0	3000000	333600.000
numr,dyval,DY_m=	0	3000000	333600.000

PROCESS CLDRAD done

ient,iget =	1007	-1
ient,iget =	1008	-1
ient,iget =	1009	-1
ient,iget =	1010	-1

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

ient,iget =	1007	-1
ient,iget =	1008	-1
ient,iget =	1009	-1
ient,iget =	1010	-1

PROCESS done

ient,iget =	1007	-1
ient,iget =	1008	-1
ient,iget =	1009	-1
ient,iget =	1010	-1
ient,iget =	1007	-1
ient,iget =	1008	-1
ient,iget =	1009	-1
ient,iget =	1010	-1
ient,iget =	1007	-1
ient,iget =	1008	-1
ient,iget =	1009	-1
ient,iget =	1010	-1
ient,iget =	1007	-1
ient,iget =	1008	-1
ient,iget =	1009	-1

```
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

```
cat: '/home/builder/ufs-weather-model/tests/log_opnReqTest_linux.gnu/compile_*_time.log':
No such file or directory
```

```
baseline dir =
```

```
/home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/regional_control_std_base
```

```
working dir =
```

```
/home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/regional_control_std_base
```

```
Checking test std_base regional_control results ....
```

```
Moving baseline std_base regional_control files ....
```

```
Moving dynf000.nc .....OK
```

```
Moving dynf006.nc .....OK
```

```
Moving phyf000.nc .....OK
```

```
Moving phyf006.nc .....OK
```

```
Moving PRSLEV.GrbF00 .....OK
```

```
Moving PRSLEV.GrbF06 .....OK
```

```
Moving NATLEV.GrbF00 .....OK
```

```
Moving NATLEV.GrbF06 .....OK
```

```
The total amount of wall time = 2886.255830
```

```
The maximum resident set size (KB) = 615136
```

```
Test std_base regional_control PASS
```

```
baseline dir =
```

```
/home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/regional_control_std_base
```

```
working dir =
```

```
/home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/regional_control_thr
```

```
Checking test thr regional_control results ....
```

```
Comparing dynf000.nc .....OK
Comparing dynf006.nc .....OK
Comparing phyf000.nc .....OK
Comparing phyf006.nc .....OK
Comparing PRSLEV.GrbF00 .....OK
Comparing PRSLEV.GrbF06 .....OK
Comparing NATLEV.GrbF00 .....OK
Comparing NATLEV.GrbF06 .....OK
```

```
The total amount of wall time = 1961.300984
```

```
The maximum resident set size (KB) = 650596
```

```
Test thr regional_control PASS
```

```
OPERATION REQUIREMENT TEST WAS SUCCESSFUL
```

```
Elapsed time: 01h:23m:46s. Have a nice day!
```

```
opnReqTest finished
```

```
[Pipeline] }
```

```
[Pipeline] // stage
```

```
Post stage
```

```
[Pipeline] sh
```

```
'thr'] ++ docker image ls
```

```
++ grep -E -m1 ci-test-weather
```

```
++ awk '{ print $3 }'
```

```
+ docker rmi -f 486dfb8227e8
```

```
Untagged: ci-test-weather:latest
```

```
Deleted: sha256:486dfb8227e8290ec5df3586739f838b3c8bb7e76111dd1e72117da708192734
```

```
Deleted: sha256:9378e4af37a879657960db2fdc8a1eae8dfe5442e274c610138a6205d7b5d36a
```

```
Deleted: sha256:fcdf7893f1ec133051945ed4274f8001bda092862094f69c5f7eac86fe362bfe2
```

```
Deleted: sha256:8557659fcd44a748c74cd92c2ef6e6994aaf2a853fcb9547fd17c0d5d26d58fe
```

```
Deleted: sha256:4edb22c9b4e6cb0ce1307f59c2b29d5d2a7b45c2a9f02f0d0bb253a89584e598
```

```
Deleted: sha256:9c81ca4d126102d2bdfa824a69fd9a89ca6cadceb818374c0d004e1a72faecaa
```

```
Deleted: sha256:f641512e055badeee85131c15c5d9f218be9f2a4936dfe753940d060905f9b0f
```

```
Deleted: sha256:e289b1476d909fa6c0ed41ae1b8bf63f34ea94019ab376c64c58e391c375a5a4
```

```
Deleted: sha256:3c57ee419877de1aa49fbfc83b050807080f658473fed71186dc19e87165eab2
```

```
Deleted: sha256:2d280706da2e2fb857a4c394c4f1f76e303cd6f7235de8c92e0d002af9f01d23
```

```
Deleted: sha256:2589da81529648938ed443f216e5924a13643e76db6e48d224468734221d12dd
```

```
Deleted: sha256:5c8f4bf6f4bb96071df3c5c00e6b099904a8b0040fab6129720fa0266c52ec33
```

```
Deleted: sha256:3869322f20f7461091773244107f9d2f99472a00ad3615d7a8183960be091cd0
```

```
Deleted: sha256:7a8dd074a372d3da583a6caec9fed0e416c93149c24e298433c914d9513aeb14
```

```
Deleted: sha256:7ba35efcc9b72f97ba01014c85aa816a99e80c20187e915294d7556bbdc730c0
```

```
Deleted: sha256:861b6ea732d3a6aac0019cfc5e9aec0e656a99681206d211b994577c0b654650
```

```

++ docker image ls
++ grep -E -m1 noaaepic
++ awk '{ print $3 }'
+ docker rmi -f 1920f81f6556
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-
stack@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
Deleted: sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738
Deleted: sha256:d91d700fe046d8b5dca3b82d589783b859fa1d0f59b40b5c92554d25cbf68acc
Deleted: sha256:5b27180194225db246c7f38ae95fd1e3ed42abfa879c99a994e23184bce24194
Deleted: sha256:00cea692fd3d2f6b60f8530cf7603cb35aae6c603e6e4499befcd760adffcb5f
Deleted: sha256:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4fff75e77033e
Deleted: sha256:0130cb63d59064b5287f4f6638c598add5452f44bfb36f0be6ed076a72a3d4c
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5
Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaab30aef5a6d99aea3fe74d8cc69d4e7bf2
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
Deleted: sha256:ccd8b80308cc5ef43b605ac28fac29c6a597f89f5a169bbbedbb8dec29c987439
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
'dcp'] reset of fraction_interval w          5  21600.0000
reset of fraction_interval w          5  21600.0000
reset of fraction_interval u          5  21600.0000
reset of fraction_interval u          5  21600.0000
reset of fraction_interval v          5  21600.0000
reset of fraction_interval v          5  21600.0000
in readxml,bf readxml,size(post_avblflds%param)=          219
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          219
sum num_post_afld :          219
allocate param to :          264
sum num_post_afld :          483
in readxml, aft read flat file.xml,num_post_afld=          264
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          264
datset is: PRSLEV

```

```
MXFLD is:          1200
size of lvlxml:    241500
size of post_avblflds param      264
in readxml. nfld=      264 nrecout=      1084
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
PROCESS CLDRAD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
PROCESS done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
```

```

ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1

```

```

Size of pset is:      219
datset is: NATLEV
MXFLD is:      1200
size of lvlxml:      241500
size of post_avblflds param      219
in readxml. nfld=      219 nrecout=      1569

```

```

PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done

```

```

numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000

```

```
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
```

PROCESS CLDRAD done

```
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

```
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

PROCESS done

```
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
```

```
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

```
cat: '/home/builder/ufs-weather-model/tests/log_opnReqTest_linux.gnu/compile_*_time.log':
No such file or directory
```

```
baseline dir =
```

```
/home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/regional_control_std_base
```

```
working dir =
```

```
/home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/regional_control_dcp
```

```
Checking test dcp regional_control results ....
```

```
Comparing dynf000.nc .....OK
Comparing dynf006.nc .....OK
Comparing phyf000.nc .....OK
Comparing phyf006.nc .....OK
Comparing PRSLEV.GrbF00 .....OK
Comparing PRSLEV.GrbF06 .....OK
Comparing NATLEV.GrbF00 .....OK
Comparing NATLEV.GrbF06 .....OK
```

```
The total amount of wall time = 2403.032790
```

```
The maximum resident set size (KB) = 648424
```

```
Test dcp regional_control PASS
```

```
baseline dir =
```

```
/home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/regional_control_std_base
```

```
working dir =
```

```
/home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/regional_control_std_base
```

```
Checking test std_base regional_control results ....
```

```
Moving baseline std_base regional_control files ....
```

```
Moving dynf000.nc .....OK
Moving dynf006.nc .....OK
Moving phyf000.nc .....OK
Moving phyf006.nc .....OK
Moving PRSLEV.GrbF00 .....OK
```


Moving PRSLEV.GrbF06OK

Moving NATLEV.GrbF00OK

Moving NATLEV.GrbF06OK

The total amount of wall time = 2827.336312

The maximum resident set size (KB) = 610852

Test std_base regional_control PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 01h:30m:10s. Have a nice day!

opnReqTest finished

[Pipeline] }

[Pipeline] // stage

Post stage

[Pipeline] sh

'dcp'] ++ docker image ls

++ grep -E -m1 ci-test-weather

++ awk '{ print \$3 }'

+ docker rmi -f e5401c0dbb60

Untagged: ci-test-weather:latest

Deleted: sha256:e5401c0dbb605fd80c8be64b61b494fef15ffef80879ab8574449dc1fca7c470

Deleted: sha256:1bec72b99278d284f88ad0129cc30018be1710cfcdd828e9bf48af983161b496

Deleted: sha256:0018fff04c52f92d62adb3bfcf6e7d2f76ae97153d15222cb92496efc48c94261

Deleted: sha256:e65aabab9d7d2e3c029ef3041ac0c99e570b61b89fa539c48ff967ef7da31e1b

Deleted: sha256:436d9e03e2598e92351ae4253b2dc2dff785f0c17479d02e994ce4f776c5562f

Deleted: sha256:e668aa4011afacb3efc7a193b745152fb32e1866d0e654aa2548ed193788850f

Deleted: sha256:a4df584908c51486550205b4e0ae266fb8ad63f0817c1d2e8896d1a2a299fd9e

Deleted: sha256:bc8f73b693dda5d1ab23c160993c8d9d05175a0248d994b2d3cdc511f349ae89

Deleted: sha256:9cee838c6d2619818fd612c84ebc4fdf32dcdcf317246a099a2ecf8ec5ff38ff

Deleted: sha256:aebbec2233aad378e4a7993af022c45a0ea4ba3607fa7c185f5d7ea29333d967

Deleted: sha256:d483aafa6ee55b3e54186baace957cc019ebe3a57a0b4285d94929181c546e78

Deleted: sha256:467b265241957b9b0380092898d9c76d42ab494e124afab7bd3860135d6b3229

Deleted: sha256:1fa5cf4bc2ed8f09b95b5d7507396c4a20e7d01154764f15a81a48a1d3c0d173

Deleted: sha256:066ca88eafbd96b61463ba191514e3abbe1316937527201e2138a0dc964478a1

Deleted: sha256:177a6004b856076fac91964462ad98bef91c8e6eee8e3c59f064a7fd93379ac4

Deleted: sha256:3950b187d3b2cc67d76a35ae8a5d442965a85c45c437ef116746408b5f30839b

++ docker image ls

++ grep -E -m1 noaaepic

++ awk '{ print \$3 }'

+ docker rmi -f 1920f81f6556

Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2

Untagged: noaaepic/ubuntu20.04-gnu9.3-hpc-

stack@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8

```
Deleted: sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738
Deleted: sha256:d91d700fe046d8b5dca3b82d589783b859fa1d0f59b40b5c92554d25cbf68acc
Deleted: sha256:5b27180194225db246c7f38ae95fd1e3ed42abfa879c99a994e23184bce24194
Deleted: sha256:00cea692fd3d2f6b60f8530cf7603cb35aae6c603e6e4499befcd760adffcb5f
Deleted: sha256:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4fff75e77033e
Deleted: sha256:0130cb63d59064b5287f4f6638c598add5452f44bfb36f0be6ed076a72a3d4c
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5
Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaab30aef5a6d99aea3fe74d8cc69d4e7bf2
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
Deleted: sha256:ccdbb80308cc5ef43b605ac28fac29c6a597f89f5a169bbdbb8dec29c987439
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // parallel
[Pipeline] }
[Pipeline] // stage
[Pipeline] End of Pipeline
```

GitHub has been notified of this commit's build result

Finished: SUCCESS

Jenkins 2.375.2