



Dashboard    ufs-weather-model    ort-docker-pipeline    Pull Requests (8)    PR-1645    #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 443 KB.. [Full Log](#)

```
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           = 977.450664
The maximum resident set size (KB)      = 1712808
```

```
Test thr control_p8 PASS
```

```
OPERATION REQUIREMENT TEST WAS SUCCESSFUL
```

```
Elapsed time: 00h:43m:15s. 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 af8e15bd333c
```

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

```
Deleted: sha256:af8e15bd333c666abc262b9d805d9a41e1f5d8d5d5ea9e4dae80f8b4c617c48c
```

```
Deleted: sha256:7f6313ce96d8c86de457ff36c1a382b4da6d0105bd06438a07ec8b8fbf63acc9
```

```
Deleted: sha256:fc0232c851cec27ad77305f64beaba5a0ab0f580114c343c44dd73cd85c07460
```

```
Deleted: sha256:203b5108fdbf5db09d621f57425d5e0352e3689e7bd3a8e35f93fa102e3b2fd1
```

```
Deleted: sha256:e344061a7d53f4465bdf5b8f8e52f868fdec690dbbe6aacef40e5df656eb40f3
```

```
Deleted: sha256:e120d88f1c8f5cfcdb15b076fec7cda68225ab6547158eea947921ef06e2fddb
```

```
Deleted: sha256:99103acc42323d9425df71e04dcb513e5e82f8d59cdc56606df7c314498e1b96
```

```
Deleted: sha256:fd43e2267ac17b17d02cff52ced32ca81770770caa9243056cb25479dc96004
```

```
Deleted: sha256:6d1aef353b46ef769c028158487ebacbd4b4c2ea3d4d71b963ccf1d55e761e2
```

```
Deleted: sha256:2778e80385938303ee8c2360ffdf16bca52685aaf4c5ae3b4a14ab32a60d07ad
```

```
Deleted: sha256:f65e7944ac31f897ecd0914bbf3e079aa789c03ae2ff97a07660ed105f050b37
```

```
Deleted: sha256:657d93b84f908b042691c57f642e8d473c9aca236e3d826540eeb470eaa0dc22
```

```
Deleted: sha256:4d73b540e6b5d4480829feafcc2848949610f1658c4ff6825c605175ef42784e
```

```
Deleted: sha256:8bcd35fc62f0dfda8aa087e38c4df7a7b2cf95f9eed7b935691f1dd3f33830e6
```

```
Deleted: sha256:2f8b1b57edf0c1964f39e4694db684593eccfb44902363681bad640e084794bf
```

```
Deleted: sha256:d94577792459bda02432f125462636965d81c31a59e6ccf98b37aaaae07dc11c
```

```
++ 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

++ 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.

WARNING from PE 0: Open\_file is appending .nc to the filename  
MOM6\_OUTPUT/ocean\_geometry

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

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

'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
'rst']   creating freezing of water drops table
        ... DONE microphysical lookup tables
'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
'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
'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
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
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
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
'thr'] PROCESS MDLFLD done
'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
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
'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'] 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
dataset is: NATLEV
MXFLD is:      1200
size of lvlxml:      241500
size of post_avblflds param      219
in readxml. nfld=      219 nrecout=      1569
```

PROCESS starts

```
'thr'] 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
```

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 =      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

'dcp'] 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
'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
'thr'] 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
'dcp'] 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
'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
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
'dcp'] Running test for dcp
      THRD: 1; INPES: 5; JNPES: 12; TPN: 40
'dcp'] 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           = 1440.039030
The maximum resident set size (KB)     = 1432152
```

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.nc .....OK

```

```

The total amount of wall time                = 1451.848395
The maximum resident set size (KB)          = 1426028

```

Test std\_base control\_p8 PASS

'thr'] Running test for thr

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

'dcp'] OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 00h:51m:17s. 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 fa805cbab387

Untagged: ci-test-weather:latest

Deleted: sha256:fa805cbab387d55e42f2ec6724ba9336bfec58c1890543ac86c792df170b8738

Deleted: sha256:f9baf5ff1de0f8ab3ed0656a4b37a1b7b57d58d2e5ecf7b32cf8a5d2c489cf38

Deleted: sha256:855abeb0320a0e81907f6c995a4806eea001448ae97fd299dc644cbca47bfb89

Deleted: sha256:3e6fb9d27ac605100a476128ecacd8c324300e2a9fac76e1f0dc0f04e38a07fa

```
Deleted: sha256:6dcdaa680ad9abdf521c843ef2587d3bdced6ecef2b0c692d24a3fdd40a23db5
Deleted: sha256:a156123bb94b2c9806b0ea89f03e22cd366b77ccfef95b2638792476cf189dbe
Deleted: sha256:18f8da8ad9dec845c985fb678d9f1f8a42066bd8f66df7b6ed1c6220a6688aa4
Deleted: sha256:53c515ffac7a38728de12740a3c9efa39ce3d1c15f8b0abe06ef22da2d355144
Deleted: sha256:72ca0667e3936a4bf8438c9abb5ddbd3110fdb0b88a8dbd8988a50487402ab07
Deleted: sha256:91f1c30752473400eac86e10fd297d53eca12b42b14b7f71850fcf3839f44502
Deleted: sha256:44329b3cf81a4abbe133cc43686b3e888623b850ea7401c077c8bb10b4a3b88f
Deleted: sha256:44b88727bd327f80faeaf74e9bef44d84d0ab9c4ca8fee84c4b6739c42ca575e
Deleted: sha256:cf9a4597a3dd8108adfd0b96316c281a0b1b10d2b061487ebf4a80c123c32c52
Deleted: sha256:ebe35a3f8c3ed0e482421053157fc718a1d02bc248ef765aae34e6c433812005
Deleted: sha256:fc33f78afd0788dfe06617d7b822075b161717dea595881b1111a8dc694ee47
Deleted: sha256:986dc045dfe65b73aa132db0af6e36a037427cbfeb9c2334b57e675e70928e00
++ 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: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaaf30aef5a6d99aea3fe74d8cc69d4e7bf2
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
Deleted: sha256:ccdbb80308cc5ef43b605ac28fac29c6a597f89f5a169bbdbb8dec29c987439
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
'dcp'] ++ mpiexec -n 80 ./fv3.exe
'thr'] ++ mpiexec -n 70 ./fv3.exe
```

```
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 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 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 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 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 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 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

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 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 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 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 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 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 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 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

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']
```

```
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      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      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      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     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 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 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 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 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 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 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 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 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 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 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 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 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 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 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

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 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 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 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 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 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 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 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 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 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 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 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 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

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'] 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
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
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
'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
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
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
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

```

```

'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
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
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
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
```

```
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 = 1985.766565

The maximum resident set size (KB) = 1571360

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.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.nc .....OK

The total amount of wall time = 1496.756888

The maximum resident set size (KB) = 1426824

Test std\_base control\_p8 PASS

```
OPERATION REQUIREMENT TEST WAS SUCCESSFUL
Elapsed time: 01h:01m:07s. 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 54fc7c71524e
Untagged: ci-test-weather:latest
Deleted: sha256:54fc7c71524e8d762b0c61bf34dda5d3ad0a5f1d3653826a05f2f278f57cd666
Deleted: sha256:460cae15347b6fb3f879ceb7828e063357ce719a0247e15966eefad6a7dd36a5
Deleted: sha256:665e9600d65f721411ec7e83f86c07aecf4d6c097a2c02fa829cd462d0c576af
Deleted: sha256:1ac0aab89c95eaf41e8ff8b8bf076f822bec9256237606c2634bd72dc01a3b7
Deleted: sha256:a0a0ab5c0744bb4fca290954034c65754f283e2cbe238ad7fe392d60fc417f93
Deleted: sha256:17ba828220bfd73aa9568ca334a5988c52cc22a57d5f127e8e128c5ec70081ea
Deleted: sha256:9dc511b4460767c423a9ee9cabff535a6b300c2245f189e08eda08a00804e73c
Deleted: sha256:b250380e632e1e3f148a29fba11ebe86dea975624c951db823b601d7dfe54ebd
Deleted: sha256:30305a0ab87fabf53af21b3b72261f39832313d2aee900a89f6ba607e517995c
Deleted: sha256:4da3cd15653cc1c1ed8728814cb390d0154c0b9202ef73b98f391495fe6a8439
Deleted: sha256:3760322099e9693ce941bb9e1ebb575b589c2bae1d96a07ac7cac926fd42b389
Deleted: sha256:d9a89d05e6b0b0de05d1aef1b3e083c625d719dde58ebe28816ddc2a6046cf8f
Deleted: sha256:efd4956e4b3cc5d166bc807c7574bd729e79176a2828f665c07363936089800a
Deleted: sha256:450cdc5b32167a1078603f4c549558ae722f63954e42321c7efac847a53a4478
Deleted: sha256:309f4f71a199a6e5ea4beea7d76d9cf0417d23652c2fd128c3194d581b160364
Deleted: sha256:c3758e3192c8cb05adb1f305274e44ba3aaede830b828ab4f987b6bbc493d376
++ 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:ccd8b80308cc5ef43b605ac28fac29c6a597f89f5a169bbedbb8dec29c987439

[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
```

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
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
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
```

```
'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.nc .....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  
Comparing RESTART/iced.2021-03-23-21600.nc .....OK  
Comparing RESTART/ufs.cpld.cpl.r.2021-03-23-21600.nc .....OK  
Comparing atmf024.tile1.nc .....OK  
Comparing atmf024.tile2.nc .....OK  
Comparing atmf024.tile3.nc .....OK  
Comparing atmf024.tile4.nc .....OK  
Comparing atmf024.tile5.nc .....OK  
Comparing atmf024.tile6.nc .....OK  
Comparing sfcf024.tile1.nc .....OK

```
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 = 1322.180719

The maximum resident set size (KB) = 1444216

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 = 2590.480467

The maximum resident set size (KB) = 1950044

Test std\_base cpld\_control\_nowave\_noaero\_p8 PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 01h:09m:16s. 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 2abd14b050a9
Untagged: ci-test-weather:latest
Deleted: sha256:2abd14b050a9e9c2d3ad0b29030284598e7f595dfa1565ce6846dc5735c78d72
Deleted: sha256:761fc8911a47651621192eb69245b484d47cc50bc541d185e6f3b651a48bd807
Deleted: sha256:f5f646ffa50df25feb31fe881b2d99b844b4c6aefbcfc964b92d8a13d6f4d
Deleted: sha256:8ed0e3d34ee163af11d6b4af5fcbdd402ae5445d58dff8fe05be77f944a6818
Deleted: sha256:13cc0d5e465b504b2e07f3499273fc507808713fc781dd7192add0e724c07bab
Deleted: sha256:b107b04e1e06c12536e57c35473a7e5671fcc28d6fba32f9b37346bfe1c2779c
Deleted: sha256:ef96ae8e0a43070816d1416fb1a1e507b641143d1c9e628b483df93c0670288c
Deleted: sha256:fba38f83dc974925d12bad8fca092a365c4022dbc6ce43bb8a8c637886c55a04
Deleted: sha256:6470c8ad8f6bb522f1cf542f6b587897b2b308bfa29339528e2273ec72257e16
Deleted: sha256:8c6a59a42057a86eee920fb2c76997f3e67ec14e67cc409a0e41dd4407bafb9e
Deleted: sha256:653804b27dbe992ccca7ee1b308499fce2353675663e56c7d62a2148381f8bae
Deleted: sha256:fd44dd84993fd91b8cc49fffc2ad201fe2fc1ee70bec63e1355c95929f164ea47
Deleted: sha256:0bcbf7b25c48ab98f4f26378ee4a6861e57e53bb8b8cdb7ddee784cc460d6d5b
Deleted: sha256:2ae36d9e995cc4b361a1045ef3b9d43e3372e34da73b26841a05e849ffe4b51b
Deleted: sha256:317315d61dfd1556f79d890ea9719c89b7987a30965e579ea49c9c69aca6fb1e
Deleted: sha256:2db1a28a4fbb81add29e3d8545c70f3b639d630c95865c8548a25ed6dc34f16b
++ 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:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc9c621ffed83af5ca358c38a8
Deleted: sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738
Deleted: sha256:d91d700fe046d8b5dca3b82d589783b859fa1d0f59b40b5c92554d25cbf68acc
Deleted: sha256:5b27180194225db246c7f38ae95fd1e3ed42abfa879c99a994e23184bce24194
Deleted: sha256:00cea692fd3d2f6b60f8530cf7603cb35aae6c603e6e4499befcd760adffcb5f
Deleted: sha256:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4ffff75e77033e
Deleted: sha256:0130cb63d59064b5287f4f6638c598add5452f44bfb36f0be6ed076a72a3d4c
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5
Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaaf30aef5a6d99aea3fe74d8cc69d4e7bf2
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
Deleted: sha256:ccdbb80308cc5ef43b605ac28fac29c6a597f89f5a169bbbedbb8dec29c987439
[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
```

```
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
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
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
```

```
'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
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/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 = 2890.631849
```

```
The maximum resident set size (KB) = 611524
```

```
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 = 1969.135207
```

```
The maximum resident set size (KB) = 646084
```

```
Test thr regional_control PASS
```

```
OPERATION REQUIREMENT TEST WAS SUCCESSFUL
```

```
Elapsed time: 01h:23m:59s. 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 a8b759bf9a3e
```

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

```
Deleted: sha256:a8b759bf9a3e6a2f54f027ab2e85b5ea49eabbd29f2e3937eeb6e2b8fd8f269
```

```
Deleted: sha256:98273445fb0811f73022525bd7ba306df705cecacc2ced2f23185f86a8315f48
```

```
Deleted: sha256:4c801309b107b30f07c4c01c4b7413d0395e06d47a3546cb2fabcc4684a73553
```

```
Deleted: sha256:470b585b632cdeed8b1a287676ffe47d17119f177a7498a30010683f732b75c8
```

```
Deleted: sha256:2f6cddb83f88c6d3feee777c9a61ab303957165da9717d473a507a30d7760274
```

```
Deleted: sha256:f949a37a3811840f8ca45b9596041c34ed99a48e287c5f388d9fdf1fba5dead3
```

```
Deleted: sha256:c9cd91dacd421d79fda43a83beb35fe020032e67b7cd6974dfafccc3296a75c
```

```
Deleted: sha256:e584246e21c58f79cd85ef06527468f9c062bc9bc93e8911818c40a778a47f84
```

```
Deleted: sha256:d85fbd5c530abecea90f1966b70cbecec3d1a1981d02612c939d080227f66b9
```

```
Deleted: sha256:fe0eccb311374b4ca669d9de1405bde01a64fa8627763f7bdb776eb62eef74df
```

```
Deleted: sha256:e91b357fafc230743c909add20b6964fd62e985a01a9f40a8c57c042cd1228e
```

```
Deleted: sha256:b9301846b6a9cc406e1847b902de0b2f54562bae313d2fdaac628e652bb55a9f
```

```
Deleted: sha256:5400b62373122fd1fc5ac89bca062a0f90514354a0d9b2938603e6d80af32b88
```

```
Deleted: sha256:297edfed01f1517ea1ab5b72063267f2c08b8b90c27a107268328532ac78ba0b
```

```
Deleted: sha256:840d238b0261668ce5a3e0cbffcf0665915c451d572d5f5e2d8903200ba813ea9
```

```
Deleted: sha256:74b477ee4eb0908cc8eff03d18570081f4b1e4f87c2006c97e6c0e3eb50ea3b7
```

```

++ 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. nflid=      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 lvlsxml:      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
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/regional_control_std_base
```

```
working dir =
```

```
/home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_6/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 = 2401.584332
```

```
The maximum resident set size (KB) = 640588
```

```
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_6/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 = 2888.413895

The maximum resident set size (KB) = 612240

Test std\_base regional\_control PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 01h:31m:08s. 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 20457f2e72c7

Untagged: ci-test-weather:latest

Deleted: sha256:20457f2e72c7d0cd8aad2db44898a9e3946ebb121279240774070847e381ca45

Deleted: sha256:dac36ecb71234c6d3a076749261c793c6ec69405662b1dd8815a0c6360ec61a

Deleted: sha256:6f0006390b4729d7163b97fc1bcfbbe05891d027970bc4ad1da750ea65b6378c

Deleted: sha256:bb47645ca8c03876fbfd9c9b9332418512ca57907a5be0cdca940428f5f025167

Deleted: sha256:a461afa8628a75d1b4b513b001ae603fc8c1c9ac8d1a85e1c4f27cdc6d5cd7fc

Deleted: sha256:125cb9b2776529b57b7d5600d77fe4c04d0c481dc1fa5654f6bd9665e2bc3549

Deleted: sha256:3fcddf8bf3635bce6fdc12e015b0ec6ce9b345d99f231f9d82dd2b877325a5fd

Deleted: sha256:d402389173e695b3c0698efd2f236fc4c2709b2824e58950cea4319cccf37fab

Deleted: sha256:5948227d44bebaaa07f79f49cf06a6634afa1522f897de333665e579047536be

Deleted: sha256:7a401311fe653436dfc68d54a8e39b67f4b54c9db49919843fb220c39949ddc0

Deleted: sha256:cff24dd5f63203153d70ebd8d854f6d53a4c824904ff8ae7fb802e74bde1edd3

Deleted: sha256:1ee08f00164ac0a7961bdc57e7a215dae44d27ff3c8784e4703fcfee0ac1a3cc

Deleted: sha256:cd98559693fbc48a125faf272bc09a544e2c1af91443dd20e862abf5fda3d182

Deleted: sha256:250ed9ae6cb65133760d781d4c3acfce29fb8959c8380a03364602dd8ed596c6

Deleted: sha256:474676de72a378b14735245467fe6be54a68b27ff7715a6bb886b4f8e85d945f

Deleted: sha256:8b5c0f13e3b14de0ba29b93921c0bd76a02b19a2d44287be78c4e00c6708f553

++ 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: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