





Dashboard ufs-weather-model ort-docker-pipeline Pull Requests (4) PR-1596 #9


 Status

 Changes


 Console Output

 View as plain text

 Edit Build Information

 Git Build Data

 Open Blue Ocean

 Restart from Stage

 Rebuild

 Pipeline Steps

 Workspaces

 Previous Build

## Console Output

Started by user [Zach Shrader](#)

14:21:13 Connecting to <https://api.github.com> using epic-cicd-jenkins/\*\*\*\*\* (GitHub account for Jenkins)

Obtained tests/ci/Jenkinsfile from

38bc76964e56885e556c70ba94b0c9b64e531794+30b847da859dfc99fb569cd255feffc9754807

(869aa372aed85f74c1da42d9c8964f865023f5ad)

[Pipeline] Start of Pipeline

```
[Pipeline] stage
[Pipeline] { (ORT)
[Pipeline] parallel
[Pipeline] { (Branch: Matrix - TEST_NAME = 'control_p8', TEST_CASE = 'thr')

[Pipeline] { (Branch: Matrix - TEST_NAME = 'regional_control', TEST_CASE = 'thr')
[Pipeline] { (Branch: Matrix - TEST_NAME = 'control_p8', TEST_CASE = 'mpi')
[Pipeline] { (Branch: Matrix - TEST_NAME = 'control_p8', TEST_CASE = 'dcp')
[Pipeline] { (Branch: Matrix - TEST_NAME = 'regional_control', TEST_CASE = 'dcp')
[Pipeline] { (Branch: Matrix - TEST_NAME = 'control_p8', TEST_CASE = 'rst')
[Pipeline] { (Branch: Matrix - TEST_NAME = 'cp1d_control_nowave_noaero_p8', TEST_CASE =
'rst')
[Pipeline] { (Branch: Matrix - TEST_NAME = 'control_p8', TEST_CASE = 'bit')
[Pipeline] { (Branch: Matrix - TEST_NAME = 'control_p8', TEST_CASE = 'dbg')
[Pipeline] { (Branch: Matrix - TEST_NAME = 'cp1d_control_nowave_noaero_p8', TEST_CASE =
'dbg')
[Pipeline] stage
[Pipeline] { (Matrix - TEST_NAME = 'control_p8', TEST_CASE = 'thr')
[Pipeline] stage
[Pipeline] { (Matrix - TEST_NAME = 'regional_control', TEST_CASE = 'thr')
[Pipeline] stage
[Pipeline] { (Matrix - TEST_NAME = 'control_p8', TEST_CASE = 'mpi')
[Pipeline] stage
[Pipeline] { (Matrix - TEST_NAME = 'control_p8', TEST_CASE = 'dcp')
[Pipeline] stage
[Pipeline] { (Matrix - TEST_NAME = 'regional_control', TEST_CASE = 'dcp')
[Pipeline] stage
[Pipeline] { (Matrix - TEST_NAME = 'control_p8', TEST_CASE = 'rst')
[Pipeline] stage
[Pipeline] { (Matrix - TEST_NAME = 'cp1d_control_nowave_noaero_p8', TEST_CASE = 'rst')

[Pipeline] stage
[Pipeline] { (Matrix - TEST_NAME = 'control_p8', TEST_CASE = 'bit')
[Pipeline] stage
[Pipeline] { (Matrix - TEST_NAME = 'control_p8', TEST_CASE = 'dbg')
[Pipeline] stage
[Pipeline] { (Matrix - TEST_NAME = 'cp1d_control_nowave_noaero_p8', TEST_CASE = 'dbg')

[Pipeline] withEnv
[Pipeline] {
[Pipeline] withEnv
[Pipeline] {
[Pipeline] withEnv
[Pipeline] {
[Pipeline] withEnv
```



```
'bit'] Still waiting to schedule task
      Waiting for next available executor on '
      EC2 (NOAA Cloud) - EPIC CentOS 7 Docker UFS WM CI (i-02e384dc38681f84e)'
'dbg'] Still waiting to schedule task
      Waiting for next available executor on '
      EC2 (NOAA Cloud) - EPIC CentOS 7 Docker UFS WM CI (i-02e384dc38681f84e)'
'dbg'] Still waiting to schedule task
      Waiting for next available executor on '
      EC2 (NOAA Cloud) - EPIC CentOS 7 Docker UFS WM CI (i-02e384dc38681f84e)'
'thr'] Running on EC2 (NOAA Cloud) - EPIC CentOS 7 Docker UFS WM CI (i-00fb966666774a453) in
      /home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
'thr'] Running on EC2 (NOAA Cloud) - EPIC CentOS 7 Docker UFS WM CI (i-05670472106b126c2) in
      /home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
      [Pipeline] {
      [Pipeline] {
      [Pipeline] withEnv
      [Pipeline] {
      [Pipeline] withEnv
      [Pipeline] {
      [Pipeline] stage
      [Pipeline] { (Initialize)
      [Pipeline] stage
      [Pipeline] { (Initialize)
      [Pipeline] cleanWs
      [Pipeline] cleanWs
'thr'] [WS-CLEANUP] Deleting project workspace...
      [WS-CLEANUP] Deferred wipeout is used...
'thr'] [WS-CLEANUP] Deleting project workspace...
      [WS-CLEANUP] Deferred wipeout is used...
'thr'] [WS-CLEANUP] done
'thr'] [WS-CLEANUP] done
      [Pipeline] checkout
      [Pipeline] checkout
'thr'] The recommended git tool is: /usr/local/git-2.38.0/bin/git
'thr'] The recommended git tool is: /usr/local/git-2.38.0/bin/git
'dcp'] Running on EC2 (NOAA Cloud) - EPIC CentOS 7 Docker UFS WM CI (i-06a0008ed064d7767) in
      /home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
      [Pipeline] {
'mpi'] Running on EC2 (NOAA Cloud) - EPIC CentOS 7 Docker UFS WM CI (i-02bad3071f81fb0fd) in
      /home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
      [Pipeline] withEnv
      [Pipeline] {
      [Pipeline] {
      [Pipeline] stage
```

```
[Pipeline] { (Initialize)
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage

[Pipeline] { (Initialize)
[Pipeline] cleanWs
[Pipeline] cleanWs
'dcp' [WS-CLEANUP] Deleting project workspace...
[WS-CLEANUP] Deferred wipeout is used...
'mpi' [WS-CLEANUP] Deleting project workspace...
[WS-CLEANUP] Deferred wipeout is used...
'dcp' [WS-CLEANUP] done
[Pipeline] checkout
'mpi' [WS-CLEANUP] done
'dcp' The recommended git tool is: /usr/local/git-2.38.0/bin/git
[Pipeline] checkout
'mpi' The recommended git tool is: /usr/local/git-2.38.0/bin/git
'dcp' Running on EC2 (NOAA Cloud) - EPIC CentOS 7 Docker UFS WM CI (i-0686fb5b9dcaaa592) in
/home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
[Pipeline] {
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Initialize)
[Pipeline] cleanWs
'dcp' [WS-CLEANUP] Deleting project workspace...
[WS-CLEANUP] Deferred wipeout is used...
[WS-CLEANUP] done
[Pipeline] checkout
'dcp' The recommended git tool is: /usr/local/git-2.38.0/bin/git
'thr' using credential GitHubJenkins
'thr' using credential GitHubJenkins
'thr' Cloning the remote Git repository
Cloning with configured refspecs honoured and without tags
'thr' Cloning the remote Git repository
Cloning with configured refspecs honoured and without tags
'rst' Running on EC2 (NOAA Cloud) - EPIC CentOS 7 Docker UFS WM CI (i-05218fa89a0a84827) in
/home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
[Pipeline] {
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Initialize)
[Pipeline] cleanWs
```

```
'rst'] [WS-CLEANUP] Deleting project workspace...
[WS-CLEANUP] Deferred wipeout is used...
[WS-CLEANUP] done
[Pipeline] checkout
'rst'] The recommended git tool is: /usr/local/git-2.38.0/bin/git
'thr'] Cloning repository https://github.com/ufs-community/ufs-weather-model.git
> /usr/local/git-2.38.0/bin/git init /home/maintuser/workspace/odel_ort-docker-
pipeline_PR-1596 # timeout=10
Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
> /usr/local/git-2.38.0/bin/git --version # timeout=10
> git --version # 'git version 2.38.0'
using GIT_ASKPASS to set credentials GitHub account for Jenkins
> /usr/local/git-2.38.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
'thr'] Cloning repository https://github.com/ufs-community/ufs-weather-model.git
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https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
'mpi'] using credential GitHubJenkins
Cloning the remote Git repository
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'dcp'] using credential GitHubJenkins
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https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
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'dcp'] Cloning repository https://github.com/ufs-community/ufs-weather-model.git
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https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
> /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
community/ufs-weather-model.git # timeout=10
> /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/pull/1596/head:refs/remotes/origin/PR-1596 # timeout=10
> /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
'thr'] > /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
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> /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/pull/1596/head:refs/remotes/origin/PR-1596 # timeout=10
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+refs/heads/develop:refs/remotes/origin/develop # timeout=10
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> /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/pull/1596/head:refs/remotes/origin/PR-1596 # timeout=10
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'dcp'] using credential GitHubJenkins
Cloning the remote Git repository
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> /usr/local/git-2.38.0/bin/git init /home/maintuser/workspace/odel_ort-docker-
pipeline_PR-1596 # timeout=10
Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
> /usr/local/git-2.38.0/bin/git --version # timeout=10
> git --version # 'git version 2.38.0'
using GIT_ASKPASS to set credentials GitHub account for Jenkins
> /usr/local/git-2.38.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
> /usr/local/git-2.38.0/bin/git config remote.origin.url https://jenkins-epic.woc.noaa.gov/job/ufs-weather-model/job/ort-docker-pipeline/view/change-requests/job/PR-1596/9/consoleFull
```

```
'mpi'] community/ufs-weather-model.git # timeout=10
  > /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/pull/1596/head:refs/remotes/origin/PR-1596 # timeout=10
  > /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
'thr'] Fetching without tags
Merging remotes/origin/develop commit 30b847da859dfc99fb569cd255feffc9754807 into PR head
commit 38bc76964e56885e556c70ba94b0c9b64e531794
  > /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
community/ufs-weather-model.git # timeout=10
Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
using GIT_ASKPASS to set credentials GitHub account for Jenkins
  > /usr/local/git-2.38.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
  > /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
  > /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
Merge succeeded, producing 38bc76964e56885e556c70ba94b0c9b64e531794
Checking out Revision 38bc76964e56885e556c70ba94b0c9b64e531794 (PR-1596)
'dcp'] Fetching without tags
Merging remotes/origin/develop commit 30b847da859dfc99fb569cd255feffc9754807 into PR head
commit 38bc76964e56885e556c70ba94b0c9b64e531794
'thr'] Fetching without tags
'dcp'] Merge succeeded, producing 38bc76964e56885e556c70ba94b0c9b64e531794
Checking out Revision 38bc76964e56885e556c70ba94b0c9b64e531794 (PR-1596)
'mpi'] Fetching without tags
'thr'] Merging remotes/origin/develop commit 30b847da859dfc99fb569cd255feffc9754807 into PR head
commit 38bc76964e56885e556c70ba94b0c9b64e531794
'mpi'] > /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
community/ufs-weather-model.git # timeout=10
Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
using GIT_ASKPASS to set credentials GitHub account for Jenkins
  > /usr/local/git-2.38.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
'dcp'] > /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
community/ufs-weather-model.git # timeout=10
Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
using GIT_ASKPASS to set credentials GitHub account for Jenkins
  > /usr/local/git-2.38.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/ufs-weather-model.git
```



```

+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
> /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
> /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
> /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
using GIT_ASKPASS to set credentials GitHub account for Jenkins
> /usr/local/git-2.38.0/bin/git merge 30b847da859dfcce9ffb569cd255feffc9754807 #
timeout=10
> /usr/local/git-2.38.0/bin/git rev-parse HEAD^{commit} # timeout=10
> /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
> /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
'mpi'] Merging remotes/origin/develop commit 30b847da859dfcce9ffb569cd255feffc9754807 into PR head
commit 38bc76964e56885e556c70ba94b0c9b64e531794
'thr'] Merge succeeded, producing 38bc76964e56885e556c70ba94b0c9b64e531794
Checking out Revision 38bc76964e56885e556c70ba94b0c9b64e531794 (PR-1596)
'mpi'] Merge succeeded, producing 38bc76964e56885e556c70ba94b0c9b64e531794
Checking out Revision 38bc76964e56885e556c70ba94b0c9b64e531794 (PR-1596)
'thr'] Commit message: "Update thr.sh"
> /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
using GIT_ASKPASS to set credentials GitHub account for Jenkins
> /usr/local/git-2.38.0/bin/git merge 30b847da859dfcce9ffb569cd255feffc9754807 #
timeout=10
> /usr/local/git-2.38.0/bin/git rev-parse HEAD^{commit} # timeout=10
> /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
> /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
> /usr/local/git-2.38.0/bin/git rev-list --no-walk
5d14ecd9b9c3fb568c2b8e1bef30eee528625804 # timeout=10
> /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
'thr'] > /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
community/ufs-weather-model.git # timeout=10
Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
using GIT_ASKPASS to set credentials GitHub account for Jenkins
> /usr/local/git-2.38.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
> /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
> /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #

```

```
timeout=10
> /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
using GIT_ASKPASS to set credentials GitHub account for Jenkins

> /usr/local/git-2.38.0/bin/git merge 30b847da859dfcce9ffb569cd255feffc9754807 #
timeout=10
> /usr/local/git-2.38.0/bin/git rev-parse HEAD^{commit} # timeout=10
> /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
> /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
'dcp'] > /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
community/ufs-weather-model.git # timeout=10
> /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/pull/1596/head:refs/remotes/origin/PR-1596 # timeout=10
> /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
'dcp'] Commit message: "Update thr.sh"
'thr'] Commit message: "Update thr.sh"
'mpi'] > /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
> /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
> /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
using GIT_ASKPASS to set credentials GitHub account for Jenkins
> /usr/local/git-2.38.0/bin/git merge 30b847da859dfcce9ffb569cd255feffc9754807 #
timeout=10
> /usr/local/git-2.38.0/bin/git rev-parse HEAD^{commit} # timeout=10
> /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
> /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
Commit message: "Update thr.sh"
'dcp'] > /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git submodule sync # timeout=10
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get-regexp ^submodule\.(.+)\.url #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.FV3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.FV3.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.WW3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.WW3.path #
timeout=10
```

```
> /usr/local/git-2.38.0/bin/git config --get submodule.stochastic_physics.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get
submodule.stochastic_physics.path # timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CMakeModules.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMakeModules.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CMEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMEPS.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.HYCOM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.HYCOM.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.MOM6.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.MOM6.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CICE.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CICE.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CDEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CDEPS.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.GOCART.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.GOCART.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.AQM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.AQM.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.NOAHMP.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.NOAHMP.path #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive FV3 # timeout=10
'thr'] > /usr/local/git-2.38.0/bin/git submodule sync # timeout=10
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get-regexp ^submodule\.(+)\.url #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.FV3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.FV3.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.WW3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.WW3.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.stochastic_physics.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get
```

```
submodule.stochastic_physics.path # timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CMakeModules.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMakeModules.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.CMEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMEPS.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.HYCOM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.HYCOM.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.MOM6.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.MOM6.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.CICE.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CICE.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.CDEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CDEPS.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.GOCART.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.GOCART.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.AQM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.AQM.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.NOAHMP.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.NOAHMP.path #
timeout=10

> /usr/local/git-2.38.0/bin/git submodule update --init --recursive FV3 # timeout=10
'thr'] > /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git submodule sync # timeout=10
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get-regexp ^submodule\.(+)\.url #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.FV3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.FV3.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.WW3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.WW3.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.stochastic_physics.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get
```

```

submodule.stochastic_physics.path # timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CMakeModules.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMakeModules.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.CMEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMEPS.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.HYCOM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.HYCOM.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.MOM6.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.MOM6.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.CICE.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CICE.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.CDEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CDEPS.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.GOCART.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.GOCART.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.AQM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.AQM.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.NOAHMP.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.NOAHMP.path #
timeout=10

> /usr/local/git-2.38.0/bin/git submodule update --init --recursive FV3 # timeout=10
'dcp'] Fetching without tags
Merging remotes/origin/develop commit 30b847da859dfcce9fffb569cd255feffc9754807 into PR head
commit 38bc76964e56885e556c70ba94b0c9b64e531794
'rst'] using credential GitHubJenkins
Cloning the remote Git repository
Cloning with configured refspecs honoured and without tags
'dcp'] Merge succeeded, producing 38bc76964e56885e556c70ba94b0c9b64e531794
Checking out Revision 38bc76964e56885e556c70ba94b0c9b64e531794 (PR-1596)
'mpi'] > /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git submodule sync # timeout=10
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get-regexp ^submodule\.(+)\.url #
timeout=10

```

```
> /usr/local/git-2.38.0/bin/git config --get submodule.FV3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.FV3.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.WW3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.WW3.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.stochastic_physics.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get
submodule.stochastic_physics.path # timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CMakeModules.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMakeModules.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CMEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMEPS.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.HYCOM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.HYCOM.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.MOM6.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.MOM6.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CICE.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CICE.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CDEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CDEPS.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.GOCART.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.GOCART.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.AQM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.AQM.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.NOAHMP.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.NOAHMP.path #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive FV3 # timeout=10
[rst'] Cloning repository https://github.com/ufs-community/ufs-weather-model.git
> /usr/local/git-2.38.0/bin/git init /home/maintuser/workspace/odel_ort-docker-
pipeline_PR-1596 # timeout=10
Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
> /usr/local/git-2.38.0/bin/git --version # timeout=10
> git --version # 'git version 2.38.0'
using GIT_ASKPASS to set credentials GitHub account for Jenkins
```

```

> /usr/local/git-2.38.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
'dcp'] > /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
community/ufs-weather-model.git # timeout=10
Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
using GIT_ASKPASS to set credentials GitHub account for Jenkins
> /usr/local/git-2.38.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
> /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
> /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
> /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
using GIT_ASKPASS to set credentials GitHub account for Jenkins
> /usr/local/git-2.38.0/bin/git merge 30b847da859dfcce9ffb569cd255feffc9754807 #
timeout=10
> /usr/local/git-2.38.0/bin/git rev-parse HEAD^{commit} # timeout=10
> /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
> /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
Commit message: "Update thr.sh"
'bit'] Running on EC2 (NOAA Cloud) - EPIC CentOS 7 Docker UFS WM CI (i-0c0bd8febc7de8d0b) in
/home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
'rst'] Running on EC2 (NOAA Cloud) - EPIC CentOS 7 Docker UFS WM CI (i-0e2db95f75f18340c) in
/home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
[Pipeline] {
[Pipeline] {
[Pipeline] withEnv
[Pipeline] {
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Initialize)
[Pipeline] stage
[Pipeline] { (Initialize)
[Pipeline] cleanWs
[Pipeline] cleanWs
'dcp'] > /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git submodule sync # timeout=10

```

```
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get-regexp ^submodule\.(+)\.url #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.FV3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.FV3.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.WW3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.WW3.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.stochastic_physics.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get
submodule.stochastic_physics.path # timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.CMakeModules.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMakeModules.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.CMEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMEPS.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.HYCOM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.HYCOM.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.MOM6.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.MOM6.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.CICE.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CICE.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.CDEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CDEPS.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.GOCART.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.GOCART.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.AQM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.AQM.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.NOAHMP.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.NOAHMP.path #
timeout=10

> /usr/local/git-2.38.0/bin/git submodule update --init --recursive FV3 # timeout=10
'bit'] [WS-CLEANUP] Deleting project workspace...
[WS-CLEANUP] Deferred wipeout is used...
[WS-CLEANUP] Deleting project workspace...
```



```
'rst'] [WS-CLEANUP] Deferred wipeout is used...
'bit'] [WS-CLEANUP] done
'rst'] [WS-CLEANUP] done
      [Pipeline] checkout
'bit']
The recommended git tool is: /usr/local/git-2.38.0/bin/git
      [Pipeline] checkout
'rst'] The recommended git tool is: /usr/local/git-2.38.0/bin/git
'rst'] > /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
community/ufs-weather-model.git # timeout=10
      > /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/pull/1596/head:refs/remotes/origin/PR-1596 # timeout=10
      > /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
'dbg'] Running on EC2 (NOAA Cloud) - EPIC CentOS 7 Docker UFS WM CI (i-01b19580e8556736d) in
/home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
      [Pipeline] {
      [Pipeline] withEnv
      [Pipeline] {
      [Pipeline] stage
      [Pipeline] { (Initialize)
      [Pipeline] cleanWs
'dbg'] [WS-CLEANUP] Deleting project workspace...
      [WS-CLEANUP] Deferred wipeout is used...
      [WS-CLEANUP] done
      [Pipeline] checkout
'dbg'] The recommended git tool is: /usr/local/git-2.38.0/bin/git
'rst'] Fetching without tags
      > /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
community/ufs-weather-model.git # timeout=10
      Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
      using GIT_ASKPASS to set credentials GitHub account for Jenkins
      > /usr/local/git-2.38.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
      Merging remotes/origin/develop commit 30b847da859dfc9fffb569cd255feffc9754807 into PR head
      commit 38bc76964e56885e556c70ba94b0c9b64e531794
      Merge succeeded, producing 38bc76964e56885e556c70ba94b0c9b64e531794
      Checking out Revision 38bc76964e56885e556c70ba94b0c9b64e531794 (PR-1596)
      > /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
      > /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
      timeout=10
      > /usr/local/git-2.38.0/bin/git remote # timeout=10
      > /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
```

```

using GIT_ASKPASS to set credentials GitHub account for Jenkins
> /usr/local/git-2.38.0/bin/git merge 30b847da859dfc99fffb569cd255feffc9754807 #
timeout=10
> /usr/local/git-2.38.0/bin/git rev-parse HEAD^{commit} # timeout=10
> /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
> /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
Commit message: "Update thr.sh"
'dcp'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive WW3 # timeout=10
'dbg'] Running on EC2 (NOAA Cloud) - EPIC CentOS 7 Docker UFS WM CI (i-0fab9df087098daac) in
/home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
[Pipeline] {
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Initialize)
[Pipeline] cleanWs
'dbg'] [WS-CLEANUP] Deleting project workspace...
[WS-CLEANUP] Deferred wipeout is used...
[WS-CLEANUP] done
[Pipeline] checkout
'dbg'] The recommended git tool is: /usr/local/git-2.38.0/bin/git
'rst'] > /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git submodule sync # timeout=10
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get-regexp ^submodule\.(.+)\.url #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.FV3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.FV3.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.WW3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.WW3.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.stochastic_physics.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get
submodule.stochastic_physics.path # timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CMakeModules.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMakeModules.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CMEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMEPS.path #
timeout=10

```

```

> /usr/local/git-2.38.0/bin/git config --get submodule.HYCOM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.HYCOM.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.MOM6.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.MOM6.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CICE.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CICE.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CDEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CDEPS.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.GOCART.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.GOCART.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.AQM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.AQM.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.NOAHMP.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.NOAHMP.path #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive FV3 # timeout=10
'thr'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive WW3 # timeout=10
'mpi'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive WW3 # timeout=10
'bit'] using credential GitHubJenkins
Cloning the remote Git repository
Cloning with configured refspecs honoured and without tags
'rst'] using credential GitHubJenkins
Cloning the remote Git repository
Cloning with configured refspecs honoured and without tags
'bit'] Cloning repository https://github.com/ufs-community/ufs-weather-model.git
> /usr/local/git-2.38.0/bin/git init /home/maintuser/workspace/odel_ort-docker-
pipeline_PR-1596 # timeout=10
Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
> /usr/local/git-2.38.0/bin/git --version # timeout=10
> git --version # 'git version 2.38.0'
using GIT_ASKPASS to set credentials GitHub account for Jenkins
> /usr/local/git-2.38.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
'rst'] Cloning repository https://github.com/ufs-community/ufs-weather-model.git
> /usr/local/git-2.38.0/bin/git init /home/maintuser/workspace/odel_ort-docker-
pipeline_PR-1596 # timeout=10

```

```
Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
> /usr/local/git-2.38.0/bin/git --version # timeout=10
> git --version # 'git version 2.38.0'
using GIT_ASKPASS to set credentials GitHub account for Jenkins

> /usr/local/git-2.38.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
'dcp'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive stochastic_physics #
timeout=10
'bit'] > /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
community/ufs-weather-model.git # timeout=10
> /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/pull/1596/head:refs/remotes/origin/PR-1596 # timeout=10
> /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
'thr'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive stochastic_physics #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMakeModules #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMEPS-interface/CMEPS
# timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive HYCOM-interface/HYCOM
# timeout=10
'thr'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive WW3 # timeout=10
'mpi'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive stochastic_physics #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMakeModules #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMEPS-interface/CMEPS
# timeout=10
'dcp'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMakeModules #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMEPS-interface/CMEPS
# timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive HYCOM-interface/HYCOM
# timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive MOM6-interface/MOM6 #
timeout=10
'dbg'] using credential GitHubJenkins
'rst'] > /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
community/ufs-weather-model.git # timeout=10
> /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/pull/1596/head:refs/remotes/origin/PR-1596 # timeout=10
```

```

    > /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
'dbg'] Cloning the remote Git repository
Cloning with configured refspecs honoured and without tags
'bit'] Fetching without tags
Merging remotes/origin/develop commit 30b847da859dfcce9ffb569cd255feffc9754807 into PR head
commit 38bc76964e56885e556c70ba94b0c9b64e531794
Merge succeeded, producing 38bc76964e56885e556c70ba94b0c9b64e531794
Checking out Revision 38bc76964e56885e556c70ba94b0c9b64e531794 (PR-1596)
'dbg'] Cloning repository https://github.com/ufs-community/ufs-weather-model.git
    > /usr/local/git-2.38.0/bin/git init /home/maintuser/workspace/odel_ort-docker-
pipeline_PR-1596 # timeout=10
Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
    > /usr/local/git-2.38.0/bin/git --version # timeout=10
    > git --version # 'git version 2.38.0'
using GIT_ASKPASS to set credentials GitHub account for Jenkins
    > /usr/local/git-2.38.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
'rst'] Fetching without tags
Merging remotes/origin/develop commit 30b847da859dfcce9ffb569cd255feffc9754807 into PR head
commit 38bc76964e56885e556c70ba94b0c9b64e531794
'bit'] > /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
community/ufs-weather-model.git # timeout=10
Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
using GIT_ASKPASS to set credentials GitHub account for Jenkins
    > /usr/local/git-2.38.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
    > /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
    > /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
    > /usr/local/git-2.38.0/bin/git remote # timeout=10
    > /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
using GIT_ASKPASS to set credentials GitHub account for Jenkins
    > /usr/local/git-2.38.0/bin/git merge 30b847da859dfcce9ffb569cd255feffc9754807 #
timeout=10
    > /usr/local/git-2.38.0/bin/git rev-parse HEAD^{commit} # timeout=10
    > /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
    > /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
    > /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
community/ufs-weather-model.git # timeout=10

```

```
'rst'] community/ufs-weather-model.git # timeout=10
Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
using GIT_ASKPASS to set credentials GitHub account for Jenkins
> /usr/local/git-2.38.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
> /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
> /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
> /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
using GIT_ASKPASS to set credentials GitHub account for Jenkins
> /usr/local/git-2.38.0/bin/git merge 30b847da859dfcce9ffb569cd255feffc9754807 #
timeout=10
Merge succeeded, producing 38bc76964e56885e556c70ba94b0c9b64e531794
Checking out Revision 38bc76964e56885e556c70ba94b0c9b64e531794 (PR-1596)
'mpi'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive HYCOM-interface/HYCOM
# timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive MOM6-interface/MOM6 #
timeout=10
'thr'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive MOM6-interface/MOM6 #
timeout=10
'bit'] Commit message: "Update thr.sh"
'dbg'] using credential GitHubJenkins
Cloning the remote Git repository
Cloning with configured refspecs honoured and without tags
'rst'] Commit message: "Update thr.sh"
'bit'] > /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git submodule sync # timeout=10
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get-regexp ^submodule\.(+)\.url #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.FV3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.FV3.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.WW3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.WW3.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.stochastic_physics.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get
submodule.stochastic_physics.path # timeout=10
```

```
> /usr/local/git-2.38.0/bin/git config --get submodule.CMakeModules.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMakeModules.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CMEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMEPS.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.HYCOM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.HYCOM.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.MOM6.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.MOM6.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CICE.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CICE.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CDEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CDEPS.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.GOCART.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.GOCART.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.AQM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.AQM.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.NOAHMP.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.NOAHMP.path #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive FV3 # timeout=10
'rst'] > /usr/local/git-2.38.0/bin/git rev-parse HEAD^{commit} # timeout=10
> /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
> /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
> /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git submodule sync # timeout=10
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get-regexp ^submodule\.(+)\.url #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.FV3.url # timeout=10
'dcp'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive WW3 # timeout=10
'dbg'] > /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
community/ufs-weather-model.git # timeout=10
> /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
```

```
+refs/pull/1596/head:refs/remotes/origin/PR-1596 # timeout=10
> /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
'dbg'] Cloning repository https://github.com/ufs-community/ufs-weather-model.git

> /usr/local/git-2.38.0/bin/git init /home/maintuser/workspace/odel_ort-docker-
pipeline_PR-1596 # timeout=10
Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
> /usr/local/git-2.38.0/bin/git --version # timeout=10
> git --version # 'git version 2.38.0'
using GIT_ASKPASS to set credentials GitHub account for Jenkins
> /usr/local/git-2.38.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
'dcp'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CICE-interface/CICE #
timeout=10
'rst'] > /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.FV3.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.WW3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.WW3.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.stochastic_physics.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get
submodule.stochastic_physics.path # timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CMakeModules.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMakeModules.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CMEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMEPS.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.HYCOM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.HYCOM.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.MOM6.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.MOM6.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CICE.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CICE.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CDEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CDEPS.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.GOCART.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.GOCART.path #
```



```

timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.AQM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.AQM.path #
timeout=10

> /usr/local/git-2.38.0/bin/git config --get submodule.NOAHMP.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.NOAHMP.path #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive FV3 # timeout=10
'thr'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CICE-interface/CICE #
timeout=10
'thr'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive stochastic_physics #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMakeModules #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMEPS-interface/CMEPS
# timeout=10
'dbg'] Fetching without tags
Merging remotes/origin/develop commit 30b847da859dfcce9ffb569cd255feffc9754807 into PR head
commit 38bc76964e56885e556c70ba94b0c9b64e531794
Merge succeeded, producing 38bc76964e56885e556c70ba94b0c9b64e531794
Checking out Revision 38bc76964e56885e556c70ba94b0c9b64e531794 (PR-1596)
> /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
community/ufs-weather-model.git # timeout=10
Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
using GIT_ASKPASS to set credentials GitHub account for Jenkins
> /usr/local/git-2.38.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
> /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
> /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
> /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
using GIT_ASKPASS to set credentials GitHub account for Jenkins
> /usr/local/git-2.38.0/bin/git merge 30b847da859dfcce9ffb569cd255feffc9754807 #
timeout=10
> /usr/local/git-2.38.0/bin/git rev-parse HEAD^{commit} # timeout=10
> /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
> /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
Commit message: "Update thr.sh"
'mpi'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CICE-interface/CICE #
timeout=10

```

```
'thr'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive HYCOM-interface/HYCOM
# timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive MOM6-interface/MOM6 #
timeout=10
'dbg'] > /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git submodule sync # timeout=10
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get-regexp ^submodule\.(+)\.url #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.FV3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.FV3.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.WW3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.WW3.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.stochastic_physics.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get
submodule.stochastic_physics.path # timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CMakeModules.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMakeModules.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CMEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMEPS.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.HYCOM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.HYCOM.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.MOM6.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.MOM6.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CICE.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CICE.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CDEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CDEPS.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.GOCART.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.GOCART.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.AQM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.AQM.path #
timeout=10
```

```

> /usr/local/git-2.38.0/bin/git config --get submodule.NOAHMP.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.NOAHMP.path #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive FV3 # timeout=10
'dcp'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CDEPS-interface/CDEPS
# timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive GOCART # timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive AQM # timeout=10
'dcp'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive stochastic_physics #
timeout=10
'dbg'] > /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
community/ufs-weather-model.git # timeout=10
> /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/pull/1596/head:refs/remotes/origin/PR-1596 # timeout=10
> /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
Fetching without tags
'mpi'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CDEPS-interface/CDEPS
# timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive GOCART # timeout=10
'dbg'] Merging remotes/origin/develop commit 30b847da859dfcce9ffb569cd255feffc9754807 into PR head
commit 38bc76964e56885e556c70ba94b0c9b64e531794
Merge succeeded, producing 38bc76964e56885e556c70ba94b0c9b64e531794
Checking out Revision 38bc76964e56885e556c70ba94b0c9b64e531794 (PR-1596)
'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive WW3 # timeout=10
'dcp'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMakeModules #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMEPS-interface/CMEPS
# timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive HYCOM-interface/HYCOM
# timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive MOM6-interface/MOM6 #
timeout=10
'thr'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CICE-interface/CICE #
timeout=10
'dbg'] > /usr/local/git-2.38.0/bin/git config remote.origin.url https://github.com/ufs-
community/ufs-weather-model.git # timeout=10
Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
using GIT_ASKPASS to set credentials GitHub account for Jenkins
> /usr/local/git-2.38.0/bin/git fetch --no-tags --force --progress --
https://github.com/ufs-community/ufs-weather-model.git
+refs/pull/1596/head:refs/remotes/origin/PR-1596
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
> /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10

```

```
> /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
> /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10

using GIT_ASKPASS to set credentials GitHub account for Jenkins
> /usr/local/git-2.38.0/bin/git merge 30b847da859dfcce9ffb569cd255feffc9754807 #
timeout=10
> /usr/local/git-2.38.0/bin/git rev-parse HEAD^{commit} # timeout=10
> /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
> /usr/local/git-2.38.0/bin/git checkout -f 38bc76964e56885e556c70ba94b0c9b64e531794 #
timeout=10
Commit message: "Update thr.sh"
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] sh
'dbg'] > /usr/local/git-2.38.0/bin/git remote # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git submodule sync # timeout=10
> /usr/local/git-2.38.0/bin/git config --get remote.origin.url # timeout=10
> /usr/local/git-2.38.0/bin/git submodule init # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get-regexp ^submodule\.(+)\.url #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.FV3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.FV3.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.WW3.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.WW3.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.stochastic_physics.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get
submodule.stochastic_physics.path # timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CMakeModules.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMakeModules.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.CMEPS.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CMEPS.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.HYCOM.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.HYCOM.path #
timeout=10
> /usr/local/git-2.38.0/bin/git config --get submodule.MOM6.url # timeout=10
> /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.MOM6.path #
```

```

timeout=10
  > /usr/local/git-2.38.0/bin/git config --get submodule.CICE.url # timeout=10
  > /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CICE.path #
timeout=10

  > /usr/local/git-2.38.0/bin/git config --get submodule.CDEPS.url # timeout=10
  > /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.CDEPS.path #
timeout=10

  > /usr/local/git-2.38.0/bin/git config --get submodule.GOCART.url # timeout=10
  > /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.GOCART.path #
timeout=10

  > /usr/local/git-2.38.0/bin/git config --get submodule.AQM.url # timeout=10
  > /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.AQM.path #
timeout=10

  > /usr/local/git-2.38.0/bin/git config --get submodule.NOAHMP.url # timeout=10
  > /usr/local/git-2.38.0/bin/git config -f .gitmodules --get submodule.NOAHMP.path #
timeout=10

  > /usr/local/git-2.38.0/bin/git submodule update --init --recursive FV3 # timeout=10
'dcp'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --file
/home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596/tests/ci/Dockerfile --tag ci-
test-weather /home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
'mpi'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive AQM # timeout=10
'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive stochastic_physics #
timeout=10

  > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMakeModules #
timeout=10

  > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMEPS-interface/CMEPS
# timeout=10
'dcp'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
'thr'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CDEPS-interface/CDEPS
# timeout=10

  > /usr/local/git-2.38.0/bin/git submodule update --init --recursive GOCART # timeout=10
  > /usr/local/git-2.38.0/bin/git submodule update --init --recursive AQM # timeout=10
'thr'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CDEPS-interface/CDEPS
# timeout=10

  > /usr/local/git-2.38.0/bin/git submodule update --init --recursive GOCART # timeout=10
  > /usr/local/git-2.38.0/bin/git submodule update --init --recursive AQM # timeout=10
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] sh
'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive HYCOM-interface/HYCOM
# timeout=10

```

```
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive MOM6-interface/MOM6 #
timeout=10
'mpi'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --file
/home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596/tests/ci/Dockerfile --tag ci-
test-weather /home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
'mpi'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
'dcp'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CICE-interface/CICE #
timeout=10
'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive WW3 # timeout=10
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] sh
'bit'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive WW3 # timeout=10
'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive stochastic_physics #
timeout=10
'dcp'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CDEPS-interface/CDEPS
# timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive GOCART # timeout=10
'thr'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --file
/home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596/tests/ci/Dockerfile --tag ci-
test-weather /home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
'thr'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
'thr'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMakeModules #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMEPS-interface/CMEPS
# timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive HYCOM-interface/HYCOM
# timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive MOM6-interface/MOM6 #
timeout=10
[Pipeline] }
'dbg'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive WW3 # timeout=10
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] sh
'dcp'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive AQM # timeout=10
+ docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --file
```

```
'thr'] /home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596/tests/ci/Dockerfile --tag ci-
test-weather /home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
'dbg'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive stochastic_physics #
timeout=10
'bit'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive stochastic_physics #
timeout=10
'dcp'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
'dbg'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive WW3 # timeout=10
'dbg'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMakeModules #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMEPS-interface/CMEPS
# timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive HYCOM-interface/HYCOM
# timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive MOM6-interface/MOM6 #
timeout=10
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] sh
'bit'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMakeModules #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMEPS-interface/CMEPS
# timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive HYCOM-interface/HYCOM
# timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive MOM6-interface/MOM6 #
timeout=10
'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CICE-interface/CICE #
timeout=10
'dcp'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --file
/home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596/tests/ci/Dockerfile --tag ci-
test-weather /home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CICE-interface/CICE #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive CDEPS-interface/CDEPS
# timeout=10
'dbg'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive stochastic_physics #
timeout=10
'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive GOCART # timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive AQM # timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMakeModules #
```

```
'dbg'] timeout=10
  > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CMEPS-interface/CMEPS
# timeout=10
  > /usr/local/git-2.38.0/bin/git submodule update --init --recursive HYCOM-interface/HYCOM
# timeout=10
'bit'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CICE-interface/CICE #
timeout=10
'mpi'] Sending build context to Docker daemon 158.6MB
```

Step 1/16 : From noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2

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

345e3491a907: Pulling fs layer

57671312ef6f: Pulling fs layer

5e9250ddb7d0: Pulling fs layer

c46471bef5ab: Pulling fs layer

b327d3abd2a7: Pulling fs layer

109d28d95157: Pulling fs layer

7ceaea8da3ed: Pulling fs layer

9fe62363807c: Pulling fs layer

a6d2877f8486: Pulling fs layer

112c159de4df: Pulling fs layer

b327d3abd2a7: Waiting

109d28d95157: Waiting

7ceaea8da3ed: Waiting

9fe62363807c: Waiting

112c159de4df: Waiting

a6d2877f8486: Waiting

c46471bef5ab: Waiting

57671312ef6f: Verifying Checksum

57671312ef6f: Download complete

5e9250ddb7d0: Download complete

```
'dcp'] Sending build context to Docker daemon 158.6MB
```

Step 1/16 : From noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2

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

345e3491a907: Pulling fs layer

57671312ef6f: Pulling fs layer

5e9250ddb7d0: Pulling fs layer

c46471bef5ab: Pulling fs layer

b327d3abd2a7: Pulling fs layer

109d28d95157: Pulling fs layer

7ceaea8da3ed: Pulling fs layer

9fe62363807c: Pulling fs layer

a6d2877f8486: Pulling fs layer



```
112c159de4df: Pulling fs layer
109d28d95157: Waiting
7ceaea8da3ed: Waiting
b327d3abd2a7: Waiting

112c159de4df: Waiting
a6d2877f8486: Waiting
c46471bef5ab: Waiting
5e9250ddb7d0: Verifying Checksum
5e9250ddb7d0: Download complete
57671312ef6f: Verifying Checksum
57671312ef6f: Download complete
345e3491a907: Verifying Checksum
345e3491a907: Download complete
109d28d95157: Verifying Checksum
109d28d95157: Download complete
7ceaea8da3ed: Verifying Checksum
7ceaea8da3ed: Download complete
9fe62363807c: Verifying Checksum
9fe62363807c: Download complete
b327d3abd2a7: Verifying Checksum
b327d3abd2a7: Download complete
112c159de4df: Verifying Checksum
112c159de4df: Download complete
345e3491a907: Pull complete
57671312ef6f: Pull complete
5e9250ddb7d0: Pull complete
'mpi'] 345e3491a907: Verifying Checksum
345e3491a907: Download complete
109d28d95157: Download complete
'dbg'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CICE-interface/CICE #
timeout=10
'mpi'] 7ceaea8da3ed: Download complete
'dbg'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive MOM6-interface/MOM6 #
timeout=10
'mpi'] 9fe62363807c: Verifying Checksum
9fe62363807c: Download complete
b327d3abd2a7: Verifying Checksum
b327d3abd2a7: Download complete
112c159de4df: Verifying Checksum
345e3491a907: Pull complete
57671312ef6f: Pull complete
'dcp'] c46471bef5ab: Download complete
'mpi'] 5e9250ddb7d0: Pull complete
c46471bef5ab: Verifying Checksum
```

c46471bef5ab: Download complete

'thr'] Sending build context to Docker daemon 158.6MB

Step 1/16 : From noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2

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

345e3491a907: Pulling fs layer

57671312ef6f: Pulling fs layer

5e9250ddb7d0: Pulling fs layer

c46471bef5ab: Pulling fs layer

b327d3abd2a7: Pulling fs layer

109d28d95157: Pulling fs layer

7ceaea8da3ed: Pulling fs layer

9fe62363807c: Pulling fs layer

a6d2877f8486: Pulling fs layer

112c159de4df: Pulling fs layer

7ceaea8da3ed: Waiting

9fe62363807c: Waiting

109d28d95157: Waiting

a6d2877f8486: Waiting

c46471bef5ab: Waiting

112c159de4df: Waiting

b327d3abd2a7: Waiting

57671312ef6f: Verifying Checksum

57671312ef6f: Download complete

5e9250ddb7d0: Verifying Checksum

5e9250ddb7d0: Download complete

345e3491a907: Verifying Checksum

345e3491a907: Download complete

109d28d95157: Verifying Checksum

109d28d95157: Download complete

7ceaea8da3ed: Verifying Checksum

7ceaea8da3ed: Download complete

9fe62363807c: Verifying Checksum

9fe62363807c: Download complete

b327d3abd2a7: Verifying Checksum

b327d3abd2a7: Download complete

112c159de4df: Verifying Checksum

112c159de4df: Download complete

345e3491a907: Pull complete

57671312ef6f: Pull complete

5e9250ddb7d0: Pull complete

'dcp'] c46471bef5ab: Pull complete

'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CDEPS-interface/CDEPS

# timeout=10

```
'dcp'] b327d3abd2a7: Pull complete
      109d28d95157: Pull complete
      7ceaea8da3ed: Pull complete
'thr'] Sending build context to Docker daemon 158.6MB
```

Step 1/16 : From noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2

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

345e3491a907: Pulling fs layer

57671312ef6f: Pulling fs layer

5e9250ddb7d0: Pulling fs layer

c46471bef5ab: Pulling fs layer

b327d3abd2a7: Pulling fs layer

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7ceaea8da3ed: Pulling fs layer

9fe62363807c: Pulling fs layer

a6d2877f8486: Pulling fs layer

112c159de4df: Pulling fs layer

109d28d95157: Waiting

7ceaea8da3ed: Waiting

9fe62363807c: Waiting

a6d2877f8486: Waiting

112c159de4df: Waiting

c46471bef5ab: Waiting

b327d3abd2a7: Waiting

5e9250ddb7d0: Verifying Checksum

5e9250ddb7d0: Download complete

57671312ef6f: Verifying Checksum

57671312ef6f: Download complete

345e3491a907: Verifying Checksum

345e3491a907: Download complete

109d28d95157: Verifying Checksum

109d28d95157: Download complete

7ceaea8da3ed: Verifying Checksum

7ceaea8da3ed: Download complete

9fe62363807c: Verifying Checksum

9fe62363807c: Download complete

b327d3abd2a7: Verifying Checksum

b327d3abd2a7: Download complete

112c159de4df: Download complete

345e3491a907: Pull complete

57671312ef6f: Pull complete

5e9250ddb7d0: Pull complete

```
'thr'] c46471bef5ab: Download complete
```

```
      9fe62363807c: Pull complete
```

```
'dcp'] c46471bef5ab: Pull complete
```

```
'dcp'] Sending build context to Docker daemon 158.6MB
```

```
Step 1/16 : From noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
```

```
'mpi'] b327d3abd2a7: Pull complete
```

```
109d28d95157: Pull complete
```

```
7ceaea8da3ed: Pull complete
```

```
'dcp'] v1.2: Pulling from noaaepic/ubuntu20.04-gnu9.3-hpc-stack
```

```
345e3491a907: Pulling fs layer
```

```
57671312ef6f: Pulling fs layer
```

```
5e9250ddb7d0: Pulling fs layer
```

```
c46471bef5ab: Pulling fs layer
```

```
b327d3abd2a7: Pulling fs layer
```

```
109d28d95157: Pulling fs layer
```

```
7ceaea8da3ed: Pulling fs layer
```

```
9fe62363807c: Pulling fs layer
```

```
a6d2877f8486: Pulling fs layer
```

```
112c159de4df: Pulling fs layer
```

```
7ceaea8da3ed: Waiting
```

```
c46471bef5ab: Waiting
```

```
9fe62363807c: Waiting
```

```
b327d3abd2a7: Waiting
```

```
a6d2877f8486: Waiting
```

```
109d28d95157: Waiting
```

```
'thr'] c46471bef5ab: Verifying Checksum
```

```
c46471bef5ab: Download complete
```

```
'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive GOCART # timeout=10
```

```
'mpi'] 9fe62363807c: Pull complete
```

```
'dcp'] 5e9250ddb7d0: Download complete
```

```
57671312ef6f: Verifying Checksum
```

```
57671312ef6f: Download complete
```

```
345e3491a907: Download complete
```

```
109d28d95157: Download complete
```

```
7ceaea8da3ed: Verifying Checksum
```

```
7ceaea8da3ed: Download complete
```

```
'thr'] c46471bef5ab: Pull complete
```

```
'dcp'] b327d3abd2a7: Verifying Checksum
```

```
b327d3abd2a7: Download complete
```

```
345e3491a907: Pull complete
```

```
57671312ef6f: Pull complete
```

```
9fe62363807c: Verifying Checksum
```

```
9fe62363807c: Download complete
```

```
5e9250ddb7d0: Pull complete
```

```
112c159de4df: Download complete
```

```
'thr'] b327d3abd2a7: Pull complete
      109d28d95157: Pull complete
      7ceaea8da3ed: Pull complete
      9fe62363807c: Pull complete
'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive AQM # timeout=10
'thr'] c46471bef5ab: Pull complete
'dcp'] c46471bef5ab: Verifying Checksum
      c46471bef5ab: Download complete
'thr'] b327d3abd2a7: Pull complete
      109d28d95157: Pull complete
      7ceaea8da3ed: Pull complete
      9fe62363807c: Pull complete
'dcp'] a6d2877f8486: Verifying Checksum
      a6d2877f8486: Download complete
'dcp'] c46471bef5ab: Pull complete
      b327d3abd2a7: Pull complete
      109d28d95157: Pull complete
      7ceaea8da3ed: Pull complete
      9fe62363807c: Pull complete
'mpi'] a6d2877f8486: Verifying Checksum
      a6d2877f8486: Download complete
'thr'] a6d2877f8486: Verifying Checksum
      a6d2877f8486: Download complete
'thr'] a6d2877f8486: Verifying Checksum
      a6d2877f8486: Download complete
'dcp'] a6d2877f8486: Verifying Checksum
      a6d2877f8486: Download complete
'bit'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CDEPS-interface/CDEPS
      # timeout=10
      > /usr/local/git-2.38.0/bin/git submodule update --init --recursive GOCART # timeout=10
      > /usr/local/git-2.38.0/bin/git submodule update --init --recursive AQM # timeout=10
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] sh
'dcp'] a6d2877f8486: Pull complete
      112c159de4df: Pull complete
      Digest: sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8
      Status: Downloaded newer image for noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
      ---> 1920f81f6556
      Step 2/16 : CMD ["/bin/bash"]
[Pipeline] }
[Pipeline] // stage
```

```

[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] sh
'rst'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --file
/home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596/tests/ci/Dockerfile --tag ci-
test-weather /home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
'dbg'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CDEPS-interface/CDEPS
# timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive GOCART # timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive AQM # timeout=10
'mpi'] a6d2877f8486: Pull complete
112c159de4df: Pull complete
Digest: sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8
Status: Downloaded newer image for noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
---> 1920f81f6556
Step 2/16 : CMD ["/bin/bash"]
'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
'rst'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --file
/home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596/tests/ci/Dockerfile --tag ci-
test-weather /home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
'dbg'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CICE-interface/CICE #
timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive CDEPS-interface/CDEPS
# timeout=10
'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] sh
'dbg'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --file
/home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596/tests/ci/Dockerfile --tag ci-
test-weather /home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
[Pipeline] }
'dbg'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] sh
'thr'] a6d2877f8486: Pull complete
112c159de4df: Pull complete

```

```
Digest: sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8
Status: Downloaded newer image for noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
---> 1920f81f6556
Step 2/16 : CMD ["/bin/bash"]
'bit'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --file
/home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596/tests/ci/Dockerfile --tag ci-
test-weather /home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
'dbg'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive GOCART # timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive AQM # timeout=10
'bit'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] sh
'dcp'] ---> Running in c42200201455
Removing intermediate container c42200201455
---> 0bfb1dbc1ccd
Step 3/16 : ENV HOME=/home/builder
'thr'] a6d2877f8486: Pull complete
112c159de4df: Pull complete
Digest: sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8
Status: Downloaded newer image for noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
---> 1920f81f6556
Step 2/16 : CMD ["/bin/bash"]
'dcp'] ---> Running in 72c452ebba07
Removing intermediate container 72c452ebba07
---> 3d155ae222d0
Step 4/16 : COPY --chown=builder:builder . $HOME/ufs-weather-model
'dbg'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --file
/home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596/tests/ci/Dockerfile --tag ci-
test-weather /home/maintuser/workspace/odel_ort-docker-pipeline_PR-1596
'dcp'] a6d2877f8486: Pull complete
112c159de4df: Pull complete
Digest: sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8
Status: Downloaded newer image for noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
---> 1920f81f6556
Step 2/16 : CMD ["/bin/bash"]
'dbg'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
'mpi'] ---> Running in cf01c8d5f105
Removing intermediate container cf01c8d5f105
---> dd1d6f9f26b3
```

Step 3/16 : ENV HOME=/home/builder

---> Running in c4d9e9c2a305

Removing intermediate container c4d9e9c2a305

---> 94b4774f261d

Step 4/16 : COPY --chown=builder:builder . \$HOME/ufs-weather-model

'rst'] Sending build context to Docker daemon 158.6MB

Step 1/16 : From noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2

'rst'] Sending build context to Docker daemon 158.6MB

Step 1/16 : From noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2

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

345e3491a907: Pulling fs layer

57671312ef6f: Pulling fs layer

5e9250ddb7d0: Pulling fs layer

c46471bef5ab: Pulling fs layer

b327d3abd2a7: Pulling fs layer

109d28d95157: Pulling fs layer

7ceaea8da3ed: Pulling fs layer

9fe62363807c: Pulling fs layer

a6d2877f8486: Pulling fs layer

112c159de4df: Pulling fs layer

9fe62363807c: Waiting

a6d2877f8486: Waiting

c46471bef5ab: Waiting

112c159de4df: Waiting

7ceaea8da3ed: Waiting

b327d3abd2a7: Waiting

109d28d95157: Waiting

57671312ef6f: Verifying Checksum

57671312ef6f: Download complete

5e9250ddb7d0: Download complete

345e3491a907: Download complete

'rst'] v1.2: Pulling from noaaepic/ubuntu20.04-gnu9.3-hpc-stack

345e3491a907: Pulling fs layer

57671312ef6f: Pulling fs layer

5e9250ddb7d0: Pulling fs layer

c46471bef5ab: Pulling fs layer

b327d3abd2a7: Pulling fs layer

109d28d95157: Pulling fs layer

7ceaea8da3ed: Pulling fs layer

9fe62363807c: Pulling fs layer

a6d2877f8486: Pulling fs layer

112c159de4df: Pulling fs layer



```
109d28d95157: Waiting
a6d2877f8486: Waiting
112c159de4df: Waiting
7ceaea8da3ed: Waiting

9fe62363807c: Waiting
c46471bef5ab: Waiting
b327d3abd2a7: Waiting
57671312ef6f: Download complete
5e9250ddb7d0: Verifying Checksum
5e9250ddb7d0: Download complete
'rst'] 109d28d95157: Verifying Checksum
109d28d95157: Download complete
7ceaea8da3ed: Verifying Checksum
7ceaea8da3ed: Download complete
b327d3abd2a7: Verifying Checksum
b327d3abd2a7: Download complete
9fe62363807c: Verifying Checksum
9fe62363807c: Download complete
'rst'] 345e3491a907: Verifying Checksum
345e3491a907: Download complete
109d28d95157: Verifying Checksum
109d28d95157: Download complete
'rst'] 112c159de4df: Verifying Checksum
112c159de4df: Download complete
345e3491a907: Pull complete
57671312ef6f: Pull complete
'rst'] 7ceaea8da3ed: Download complete
'rst'] 5e9250ddb7d0: Pull complete
'rst'] b327d3abd2a7: Verifying Checksum
b327d3abd2a7: Download complete
9fe62363807c: Verifying Checksum
9fe62363807c: Download complete
345e3491a907: Pull complete
57671312ef6f: Pull complete
112c159de4df: Verifying Checksum
112c159de4df: Download complete
5e9250ddb7d0: Pull complete
'thr'] ---> Running in 1ef095cfd43d
Removing intermediate container 1ef095cfd43d
---> 45e0571b7683
Step 3/16 : ENV HOME=/home/builder
---> Running in 98dd9c63e51c
Removing intermediate container 98dd9c63e51c
---> b71e04ccebdf
```

```
Step 4/16 : COPY --chown=builder:builder . $HOME/ufs-weather-model
'dcp'] ---> a1fb5a4b3928
Step 5/16 : USER builder
---> Running in 43ea41733285

Removing intermediate container 43ea41733285
---> 26369e5369da
Step 6/16 : ENV USER=builder
---> Running in d458d43aa70e
Removing intermediate container d458d43aa70e
---> 3ea4c3e65f01
Step 7/16 : ARG test_name
---> Running in e9448d9cb2c0
Removing intermediate container e9448d9cb2c0
---> dc9ffbd4e91e
Step 8/16 : ARG run_case
---> Running in 284a80622155
Removing intermediate container 284a80622155
---> 32e8122f156c
Step 9/16 : ENV test_name=$test_name
---> Running in 651fd7d091f0
Removing intermediate container 651fd7d091f0
---> 06571256b7a4
Step 10/16 : ENV run_case=$run_case
'rst'] c46471bef5ab: Verifying Checksum
c46471bef5ab: Download complete
'dcp'] ---> Running in 0a820b472c18
Removing intermediate container 0a820b472c18
---> c24a55662afc
Step 11/16 : ENV CI_TEST=true
---> Running in 0ec16e6a3cd5
Removing intermediate container 0ec16e6a3cd5
---> 65c31389f416
Step 12/16 : ENV RT_COMPILER=gnu
---> Running in ce889b783f98
Removing intermediate container ce889b783f98
---> 7decf6fded66
Step 13/16 : ENV RT_MACHINE=linux
'dbg'] Sending build context to Docker daemon 158.6MB
```

```
Step 1/16 : From noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
'dcp'] ---> Running in d79fd34efcfa
Removing intermediate container d79fd34efcfa
---> c6b0c149668f
Step 14/16 : ENV MACHINE_ID=linux
```

```
---> Running in 09a62b7a62d5
Removing intermediate container 09a62b7a62d5
---> e8b988f2d793
Step 15/16 : WORKDIR $HOME/ufs-weather-model/tests

---> Running in f541fb96ee2e
Removing intermediate container f541fb96ee2e
---> 74a436de1314
Step 16/16 : CMD ./opnReqTest -n $test_name -c $run_case
---> Running in cce9c710a1dc
Removing intermediate container cce9c710a1dc
---> a8cb222077e7
[Warning] One or more build-args [build_case] were not consumed
Successfully built a8cb222077e7
Successfully tagged ci-test-weather:latest
'rst'] c46471bef5ab: Verifying Checksum
c46471bef5ab: Download complete
[Pipeline] }
'thr'] ---> Running in b4a2b00bbfe4
Removing intermediate container b4a2b00bbfe4
---> b2dc27c735ae
Step 3/16 : ENV HOME=/home/builder
---> Running in 88ec6c3d359f
Removing intermediate container 88ec6c3d359f
---> 9ef514ff67be
Step 4/16 : COPY --chown=builder:builder . $HOME/ufs-weather-model
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Stage Test Data)
[Pipeline] sh
'dbg'] v1.2: Pulling from noaaepic/ubuntu20.04-gnu9.3-hpc-stack
345e3491a907: Pulling fs layer
57671312ef6f: Pulling fs layer
5e9250ddb7d0: Pulling fs layer
c46471bef5ab: Pulling fs layer
b327d3abd2a7: Pulling fs layer
109d28d95157: Pulling fs layer
7ceaea8da3ed: Pulling fs layer
9fe62363807c: Pulling fs layer
a6d2877f8486: Pulling fs layer
112c159de4df: Pulling fs layer
7ceaea8da3ed: Waiting
109d28d95157: Waiting
112c159de4df: Waiting
b327d3abd2a7: Waiting
```

```
c46471bef5ab: Waiting
a6d2877f8486: Waiting
'dcp'] + docker volume rm --force DataVolume
DataVolume

+ docker run --detach --rm --volume DataVolume:/tmp noaaepic/input-data:20221101
Unable to find image 'noaaepic/input-data:20221101' locally
'dbg'] 5e9250ddb7d0: Verifying Checksum
5e9250ddb7d0: Download complete
57671312ef6f: Verifying Checksum
57671312ef6f: Download complete
'dcp'] 20221101: Pulling from noaaepic/input-data
df20fa9351a1: Pulling fs layer
1ff3978cbb81: Pulling fs layer
'mpi'] ---> 79ecbae5b12c
Step 5/16 : USER builder
---> Running in fe973783c22a
Removing intermediate container fe973783c22a
---> d0d29c3a7713
Step 6/16 : ENV USER=builder
---> Running in 920062f25a94
Removing intermediate container 920062f25a94
---> 61a44837e30f
Step 7/16 : ARG test_name
---> Running in efeb59c55985
'dcp'] df20fa9351a1: Verifying Checksum
df20fa9351a1: Download complete
'dbg'] 345e3491a907: Verifying Checksum
345e3491a907: Download complete
'mpi'] Removing intermediate container efeb59c55985
---> 68250fc8e3a7
Step 8/16 : ARG run_case
---> Running in 070e36ab3bff
Removing intermediate container 070e36ab3bff
---> 0c11f7c82c46
Step 9/16 : ENV test_name=$test_name
---> Running in eae896abecc7
Removing intermediate container eae896abecc7
---> fcd5049120a6
Step 10/16 : ENV run_case=$run_case
---> Running in a276b719fafb
'dcp'] df20fa9351a1: Pull complete
'dbg'] 109d28d95157: Verifying Checksum
109d28d95157: Download complete
Removing intermediate container a276b719fafb
```

```
'mpi'] ---> 0bff6fe9cb59
Step 11/16 : ENV CI_TEST=true
---> Running in ee04c114acf0
Removing intermediate container ee04c114acf0

---> 68a9f3c47678
Step 12/16 : ENV RT_COMPILER=gnu
---> Running in f48bad2a3721
Removing intermediate container f48bad2a3721
---> d06f5ebdff83
Step 13/16 : ENV RT_MACHINE=linux
---> Running in d3b089d0cadd
Removing intermediate container d3b089d0cadd
---> 0619862f0991
Step 14/16 : ENV MACHINE_ID=linux
---> Running in 6ef75cb99dd3
Removing intermediate container 6ef75cb99dd3
---> e5648b58647e
Step 15/16 : WORKDIR $HOME/ufs-weather-model/tests
---> Running in 2946991ac39b
Removing intermediate container 2946991ac39b
---> 56b62b0becdd
Step 16/16 : CMD ./opnReqTest -n $test_name -c $run_case
---> Running in 5a81de2c055f
Removing intermediate container 5a81de2c055f
---> 8f41a48b56e6
[Warning] One or more build-args [build_case] were not consumed
Successfully built 8f41a48b56e6
Successfully tagged ci-test-weather:latest
'rst'] c46471bef5ab: Pull complete
'dbg'] b327d3abd2a7: Verifying Checksum
b327d3abd2a7: Download complete
9fe62363807c: Verifying Checksum
9fe62363807c: Download complete
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Stage Test Data)
'dbg'] 345e3491a907: Pull complete
[Pipeline] sh
'bit'] Sending build context to Docker daemon 158.6MB
```

```
Step 1/16 : From noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
v1.2: Pulling from noaaepic/ubuntu20.04-gnu9.3-hpc-stack
345e3491a907: Pulling fs layer
```

```
57671312ef6f: Pulling fs layer
5e9250ddb7d0: Pulling fs layer
c46471bef5ab: Pulling fs layer
b327d3abd2a7: Pulling fs layer

109d28d95157: Pulling fs layer
7ceaea8da3ed: Pulling fs layer
9fe62363807c: Pulling fs layer
a6d2877f8486: Pulling fs layer
112c159de4df: Pulling fs layer
109d28d95157: Waiting
7ceaea8da3ed: Waiting
9fe62363807c: Waiting
c46471bef5ab: Waiting
a6d2877f8486: Waiting
b327d3abd2a7: Waiting
112c159de4df: Waiting
5e9250ddb7d0: Verifying Checksum
5e9250ddb7d0: Download complete
57671312ef6f: Verifying Checksum
57671312ef6f: Download complete
345e3491a907: Verifying Checksum
345e3491a907: Download complete
109d28d95157: Verifying Checksum
109d28d95157: Download complete
7ceaea8da3ed: Verifying Checksum
7ceaea8da3ed: Download complete
345e3491a907: Pull complete
9fe62363807c: Verifying Checksum
9fe62363807c: Download complete
57671312ef6f: Pull complete
5e9250ddb7d0: Pull complete
'dcp'] ---> Running in efd0c20499ee
Removing intermediate container efd0c20499ee
---> 0f0aefc5e4b9
Step 3/16 : ENV HOME=/home/builder
---> Running in 1745b95cdd4c
Removing intermediate container 1745b95cdd4c
---> 5440250bab35
Step 4/16 : COPY --chown=builder:builder . $HOME/ufs-weather-model
'dbg'] 7ceaea8da3ed: Verifying Checksum
7ceaea8da3ed: Download complete
57671312ef6f: Pull complete
'mpi'] + docker volume rm --force DataVolume
DataVolume
```

```
+ docker run --detach --rm --volume DataVolume:/tmp noaaepic/input-data:20221101
Unable to find image 'noaaepic/input-data:20221101' locally
'dbg'] 112c159de4df: Verifying Checksum
112c159de4df: Download complete

5e9250ddb7d0: Pull complete
'bit'] b327d3abd2a7: Download complete
112c159de4df: Verifying Checksum
112c159de4df: Download complete
'mpi'] 20221101: Pulling from noaaepic/input-data
df20fa9351a1: Pulling fs layer
1ff3978cbb81: Pulling fs layer
df20fa9351a1: Download complete
df20fa9351a1: Pull complete
'rst'] b327d3abd2a7: Pull complete
109d28d95157: Pull complete
7ceaea8da3ed: Pull complete
9fe62363807c: Pull complete
'thr'] ---> 1c5ed635ea09
Step 5/16 : USER builder
---> Running in 6ae334e12ce1
Removing intermediate container 6ae334e12ce1
---> a541f3d8184c
Step 6/16 : ENV USER=builder
---> Running in a876ea255c75
Removing intermediate container a876ea255c75
---> c4fb5f74c742
Step 7/16 : ARG test_name
---> Running in 126bd4376fe4
Removing intermediate container 126bd4376fe4
---> f20e270c73f8
Step 8/16 : ARG run_case
---> Running in 9b15b5e02c4c
Removing intermediate container 9b15b5e02c4c
---> 139389702a9a
Step 9/16 : ENV test_name=$test_name
---> Running in 5ca369e387bc
Removing intermediate container 5ca369e387bc
---> 583cfd2c2de2
Step 10/16 : ENV run_case=$run_case
---> Running in ea10001e4443
Removing intermediate container ea10001e4443
---> 1af6e0f667ae
Step 11/16 : ENV CI_TEST=true
---> Running in a9b070ee650e
```

Removing intermediate container a9b070ee650e

---> f3984b6e9f86

Step 12/16 : ENV RT\_COMPILER=gnu

---> Running in ad572ba021bd

Removing intermediate container ad572ba021bd

---> c91195c067ce

Step 13/16 : ENV RT\_MACHINE=linux

---> Running in cb0dc407e9be

Removing intermediate container cb0dc407e9be

---> c2d8e6b2a6b4

Step 14/16 : ENV MACHINE\_ID=linux

---> Running in 27f59eb917d4

Removing intermediate container 27f59eb917d4

---> 514cf01ab75f

Step 15/16 : WORKDIR \$HOME/ufs-weather-model/tests

---> Running in 94fb3d39aefd

Removing intermediate container 94fb3d39aefd

---> 018bfe4be9c5

Step 16/16 : CMD ./opnReqTest -n \$test\_name -c \$run\_case

---> Running in 5f1e94e5a1e6

Removing intermediate container 5f1e94e5a1e6

---> 07bc2adc3941

[Warning] One or more build-args [build\_case] were not consumed

Successfully built 07bc2adc3941

Successfully tagged ci-test-weather:latest

'rst'] c46471bef5ab: Pull complete

[Pipeline] }

[Pipeline] // stage

[Pipeline] stage

[Pipeline] { (Stage Test Data)

[Pipeline] sh

'dbg'] Sending build context to Docker daemon 158.6MB

Step 1/16 : From noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2

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

345e3491a907: Pulling fs layer

57671312ef6f: Pulling fs layer

5e9250ddb7d0: Pulling fs layer

c46471bef5ab: Pulling fs layer

b327d3abd2a7: Pulling fs layer

109d28d95157: Pulling fs layer

7ceaea8da3ed: Pulling fs layer

9fe62363807c: Pulling fs layer

a6d2877f8486: Pulling fs layer



```

112c159de4df: Pulling fs layer
7ceaea8da3ed: Waiting
c46471bef5ab: Waiting
9fe62363807c: Waiting

b327d3abd2a7: Waiting
109d28d95157: Waiting
a6d2877f8486: Waiting
112c159de4df: Waiting
5e9250ddb7d0: Verifying Checksum
5e9250ddb7d0: Download complete
57671312ef6f: Verifying Checksum
57671312ef6f: Download complete
345e3491a907: Download complete
109d28d95157: Download complete
7ceaea8da3ed: Download complete
9fe62363807c: Verifying Checksum
9fe62363807c: Download complete
345e3491a907: Pull complete
b327d3abd2a7: Verifying Checksum
b327d3abd2a7: Download complete
57671312ef6f: Pull complete
5e9250ddb7d0: Pull complete
112c159de4df: Verifying Checksum
112c159de4df: Download complete
'thr'] + docker volume rm --force DataVolume
DataVolume
+ docker run --detach --rm --volume DataVolume:/tmp noaaepic/input-data:20221101
Unable to find image 'noaaepic/input-data:20221101' locally
'rst'] b327d3abd2a7: Pull complete
'thr'] 20221101: Pulling from noaaepic/input-data
df20fa9351a1: Pulling fs layer
1ff3978cbb81: Pulling fs layer
df20fa9351a1: Verifying Checksum
df20fa9351a1: Download complete
'dbg'] c46471bef5ab: Verifying Checksum
c46471bef5ab: Download complete
'thr'] ---> c5966013e491
Step 5/16 : USER builder
---> Running in ed7dae057304
Removing intermediate container ed7dae057304
---> cbf34e3e00fe
Step 6/16 : ENV USER=builder
---> Running in b65df6afc015
109d28d95157: Pull complete

```

```
'thr'] df20fa9351a1: Pull complete
'thr'] Removing intermediate container b65df6afc015
    ---> 04adf8c9e41f
Step 7/16 : ARG test_name
    ---> Running in 9f1a74eacdb8
Removing intermediate container 9f1a74eacdb8
    ---> 411be1cafc71
Step 8/16 : ARG run_case
    ---> Running in 7dda3c674c80
Removing intermediate container 7dda3c674c80
    ---> effd8a2a9bc5
Step 9/16 : ENV test_name=$test_name
    ---> Running in 49b281d7366e
Removing intermediate container 49b281d7366e
    ---> c24e8bdeefb9
Step 10/16 : ENV run_case=$run_case
    ---> Running in 2a90668bde72
Removing intermediate container 2a90668bde72
    ---> 45de9a4c482d
Step 11/16 : ENV CI_TEST=true
    ---> Running in b11858296f4e
Removing intermediate container b11858296f4e
    ---> c5e5c30f3b5a
Step 12/16 : ENV RT_COMPILER=gnu
'dbg'] c46471bef5ab: Verifying Checksum
c46471bef5ab: Download complete
'thr'] ---> Running in 9c2215e53d06
Removing intermediate container 9c2215e53d06
    ---> 60d605186028
Step 13/16 : ENV RT_MACHINE=linux
    ---> Running in 01020e31c588
Removing intermediate container 01020e31c588
    ---> d03f9c3dbf16
Step 14/16 : ENV MACHINE_ID=linux
    ---> Running in fd6d3c9f265b
Removing intermediate container fd6d3c9f265b
    ---> 232416717d52
Step 15/16 : WORKDIR $HOME/ufs-weather-model/tests
    ---> Running in e1a50b281704
Removing intermediate container e1a50b281704
    ---> f093f66c8240
Step 16/16 : CMD ./opnReqTest -n $test_name -c $run_case
    ---> Running in ad7de130cfc2
Removing intermediate container ad7de130cfc2
```

```
    ---> 3776e0a3e5d9
[Warning] One or more build-args [build_case] were not consumed
Successfully built 3776e0a3e5d9
Successfully tagged ci-test-weather:latest

[Pipeline] }
'dcp'] ---> aa8d892d95d6
Step 5/16 : USER builder
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Stage Test Data)
[Pipeline] sh
'rst'] 7ceaea8da3ed: Pull complete
      9fe62363807c: Pull complete
'dcp'] ---> Running in 2952f6bd0191
Removing intermediate container 2952f6bd0191
    ---> 1e22dbc30227
Step 6/16 : ENV USER=builder
    ---> Running in 9e63d6b944aa
Removing intermediate container 9e63d6b944aa
    ---> 80eae694eb73
Step 7/16 : ARG test_name
    ---> Running in 73817ec8a3c1
Removing intermediate container 73817ec8a3c1
    ---> 99780d768145
Step 8/16 : ARG run_case
    ---> Running in 9a2644fda5b5
Removing intermediate container 9a2644fda5b5
    ---> 09ffab64b162
Step 9/16 : ENV test_name=$test_name
    ---> Running in e2ade4467bed
'thr'] + docker volume rm --force DataVolume
DataVolume
+ docker run --detach --rm --volume DataVolume:/tmp noaaepic/input-data:20221101
Unable to find image 'noaaepic/input-data:20221101' locally
'dcp'] Removing intermediate container e2ade4467bed
    ---> 5eca77f32e17
Step 10/16 : ENV run_case=$run_case
    ---> Running in ab17bab8e63d
Removing intermediate container ab17bab8e63d
    ---> 86c816063999
Step 11/16 : ENV CI_TEST=true
    ---> Running in 11f6d4c5cae0
Removing intermediate container 11f6d4c5cae0
    ---> 62fb2a136fc4
```

```
Step 12/16 : ENV RT_COMPILER=gnu
'thr'] 20221101: Pulling from noaaepic/input-data
df20fa9351a1: Pulling fs layer
1ff3978cbb81: Pulling fs layer
'dcp'] ---> Running in 6b2766412216
Removing intermediate container 6b2766412216
---> 7a0717f16146
Step 13/16 : ENV RT_MACHINE=linux
---> Running in 323be447194a
Removing intermediate container 323be447194a
---> c2fc62df3935
Step 14/16 : ENV MACHINE_ID=linux
---> Running in f211bdf0dff7
'thr'] df20fa9351a1: Verifying Checksum
df20fa9351a1: Download complete
'dbg'] c46471bef5ab: Pull complete
'dcp'] Removing intermediate container f211bdf0dff7
---> 9eadc4abdc2e
Step 15/16 : WORKDIR $HOME/ufs-weather-model/tests
---> Running in 1be5be1dacf3
Removing intermediate container 1be5be1dacf3
---> 2335ea312036
Step 16/16 : CMD ./opnReqTest -n $test_name -c $run_case
---> Running in 4068903510f5
Removing intermediate container 4068903510f5
---> dca65a8efe1b
[Warning] One or more build-args [build_case] were not consumed
'thr'] df20fa9351a1: Pull complete
'dcp'] Successfully built dca65a8efe1b
Successfully tagged ci-test-weather:latest
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Stage Test Data)
[Pipeline] sh
'dbg'] b327d3abd2a7: Pull complete
109d28d95157: Pull complete
7ceaea8da3ed: Pull complete
'dcp'] + docker volume rm --force DataVolume
DataVolume
+ docker run --detach --rm --volume DataVolume:/tmp noaaepic/input-data:20221101
Unable to find image 'noaaepic/input-data:20221101' locally
'dbg'] c46471bef5ab: Pull complete
9fe62363807c: Pull complete
```

```
'dbg'] b327d3abd2a7: Pull complete
      109d28d95157: Pull complete
      7ceaea8da3ed: Pull complete
      9fe62363807c: Pull complete
'dcp'] 20221101: Pulling from noaaepic/input-data
      df20fa9351a1: Pulling fs layer
      1ff3978cbb81: Pulling fs layer
      df20fa9351a1: Verifying Checksum
      df20fa9351a1: Download complete
      df20fa9351a1: Pull complete
'rst'] a6d2877f8486: Verifying Checksum
      a6d2877f8486: Download complete
'rst'] a6d2877f8486: Verifying Checksum
      a6d2877f8486: Download complete
'dbg'] a6d2877f8486: Verifying Checksum
      a6d2877f8486: Download complete
'rst'] a6d2877f8486: Pull complete
      112c159de4df: Pull complete
      Digest: sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
      Status: Downloaded newer image for noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
      ---> 1920f81f6556
      Step 2/16 : CMD ["/bin/bash"]
'bit'] a6d2877f8486: Verifying Checksum
      a6d2877f8486: Download complete
'rst'] a6d2877f8486: Pull complete
      112c159de4df: Pull complete
      Digest: sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
      Status: Downloaded newer image for noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
      ---> 1920f81f6556
      Step 2/16 : CMD ["/bin/bash"]
'bit'] c46471bef5ab: Verifying Checksum
      c46471bef5ab: Download complete
'dbg'] a6d2877f8486: Pull complete
      112c159de4df: Pull complete
      Digest: sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
      Status: Downloaded newer image for noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
      ---> 1920f81f6556
      Step 2/16 : CMD ["/bin/bash"]
'rst'] ---> Running in 6fa7e7b6148b
      Removing intermediate container 6fa7e7b6148b
      ---> 82cdae3eb8d0
      Step 3/16 : ENV HOME=/home/builder
      ---> Running in f3044f6e2478
      Removing intermediate container f3044f6e2478
```

```
    ---> 3248a8a49a51
Step 4/16 : COPY --chown=builder:builder . $HOME/ufs-weather-model
'bit'] c46471bef5ab: Pull complete
b327d3abd2a7: Pull complete

109d28d95157: Pull complete
7ceaea8da3ed: Pull complete
9fe62363807c: Pull complete
'dbg'] a6d2877f8486: Verifying Checksum
a6d2877f8486: Download complete
'dbg'] ---> Running in c7e2cc89da5f
Removing intermediate container c7e2cc89da5f
    ---> fab28d230e60
Step 3/16 : ENV HOME=/home/builder
    ---> Running in 5fbffbb2c737
Removing intermediate container 5fbffbb2c737
    ---> 0d2f05f6b03b
Step 4/16 : COPY --chown=builder:builder . $HOME/ufs-weather-model
'rst'] ---> fd61f33a9f2a
Step 5/16 : USER builder
    ---> Running in 2a12e385b792
Removing intermediate container 2a12e385b792
    ---> 8dc499277389
Step 6/16 : ENV USER=builder
    ---> Running in ab3500bdc463
Removing intermediate container ab3500bdc463
    ---> 9ef75c66b135
Step 7/16 : ARG test_name
    ---> Running in 3aa989f54a05
Removing intermediate container 3aa989f54a05
    ---> c7473bc56288
Step 8/16 : ARG run_case
    ---> Running in 7e00337dc265
Removing intermediate container 7e00337dc265
    ---> 7678c45d3e0c
Step 9/16 : ENV test_name=$test_name
    ---> Running in ef54c8e1daa5
Removing intermediate container ef54c8e1daa5
    ---> e91e8ac7c369
Step 10/16 : ENV run_case=$run_case
    ---> Running in 10f49ca22d4f
Removing intermediate container 10f49ca22d4f
    ---> f5e29141ca14
Step 11/16 : ENV CI_TEST=true
    ---> Running in 3f63d423b4ac
```

Removing intermediate container 3f63d423b4ac

---> 7e0caa3898b2

Step 12/16 : ENV RT\_COMPILER=gnu

---> Running in 9ecb8941cc05

Removing intermediate container 9ecb8941cc05

---> 05e1417be4e6

Step 13/16 : ENV RT\_MACHINE=linux

---> Running in ed2b14192688

Removing intermediate container ed2b14192688

---> b69d20398516

Step 14/16 : ENV MACHINE\_ID=linux

---> Running in 1a44fb64e7da

Removing intermediate container 1a44fb64e7da

---> 371a053447d0

Step 15/16 : WORKDIR \$HOME/ufs-weather-model/tests

---> Running in d01f4044e3dd

Removing intermediate container d01f4044e3dd

---> 03e45ed75770

Step 16/16 : CMD ./opnReqTest -n \$test\_name -c \$run\_case

---> Running in effae88fcc5c

Removing intermediate container effae88fcc5c

---> 776427e73176

[Warning] One or more build-args [build\_case] were not consumed

Successfully built 776427e73176

Successfully tagged ci-test-weather:latest

[Pipeline] }

[Pipeline] // stage

[Pipeline] stage

[Pipeline] { (Stage Test Data)

[Pipeline] sh

'rst'] + docker volume rm --force DataVolume

DataVolume

+ docker run --detach --rm --volume DataVolume:/tmp noaaepic/input-data:20221101

Unable to find image 'noaaepic/input-data:20221101' locally

20221101: Pulling from noaaepic/input-data

df20fa9351a1: Pulling fs layer

1ff3978cbb81: Pulling fs layer

df20fa9351a1: Verifying Checksum

df20fa9351a1: Download complete

df20fa9351a1: Pull complete

'dbg'] a6d2877f8486: Pull complete

112c159de4df: Pull complete

Digest: sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8

Status: Downloaded newer image for noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2

```
    ---> 1920f81f6556
Step 2/16 : CMD ["/bin/bash"]
'dbg'] ---> a4ff3d9966c8
Step 5/16 : USER builder

    ---> Running in a55ce243e54a
Removing intermediate container a55ce243e54a
    ---> c578b6fad590
Step 6/16 : ENV USER=builder
    ---> Running in 23e12d545e6e
Removing intermediate container 23e12d545e6e
    ---> 35ef7feac6f3
Step 7/16 : ARG test_name
    ---> Running in a6f57e5be96e
Removing intermediate container a6f57e5be96e
    ---> 27e50a43ac03
Step 8/16 : ARG run_case
    ---> Running in 3247fca11d98
Removing intermediate container 3247fca11d98
    ---> 5f98c448a145
Step 9/16 : ENV test_name=$test_name
'bit'] a6d2877f8486: Pull complete
112c159de4df: Pull complete
Digest: sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8
Status: Downloaded newer image for noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
    ---> 1920f81f6556
Step 2/16 : CMD ["/bin/bash"]
'dbg'] ---> Running in 99640039f7eb
Removing intermediate container 99640039f7eb
    ---> 03eba57c82bb
Step 10/16 : ENV run_case=$run_case
    ---> Running in 1ba92dea5b8b
Removing intermediate container 1ba92dea5b8b
    ---> 8d5f6c948
Step 11/16 : ENV CI_TEST=true
    ---> Running in 52ce01f1b30b
Removing intermediate container 52ce01f1b30b
    ---> 0528a650c4ad
Step 12/16 : ENV RT_COMPILER=gnu
    ---> Running in 98cc874adb21
Removing intermediate container 98cc874adb21
    ---> 48be169fc2ad
Step 13/16 : ENV RT_MACHINE=linux
    ---> Running in b1be1fcfc979
Removing intermediate container b1be1fcfc979
```



```
---> 89b7c1a16012
Step 14/16 : ENV MACHINE_ID=linux
---> Running in 133edcfa245f
Removing intermediate container 133edcfa245f

---> 1d30964ce9fe
Step 15/16 : WORKDIR $HOME/ufs-weather-model/tests
---> Running in 8901f52ca788
Removing intermediate container 8901f52ca788
---> ff58f836dfa1
Step 16/16 : CMD ./opnReqTest -n $test_name -c $run_case
---> Running in 4c4e0e286c5b
Removing intermediate container 4c4e0e286c5b
---> 0c08416345fe
[Warning] One or more build-args [build_case] were not consumed
Successfully built 0c08416345fe
Successfully tagged ci-test-weather:latest
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Stage Test Data)
[Pipeline] sh
'dbg'] + docker volume rm --force DataVolume
DataVolume
+ docker run --detach --rm --volume DataVolume:/tmp noaaepic/input-data:20221101
Unable to find image 'noaaepic/input-data:20221101' locally
20221101: Pulling from noaaepic/input-data
df20fa9351a1: Pulling fs layer
1ff3978cbb81: Pulling fs layer
df20fa9351a1: Verifying Checksum
df20fa9351a1: Download complete
df20fa9351a1: Pull complete
'dbg'] ---> Running in 7eab35694860
Removing intermediate container 7eab35694860
---> b173b3590f74
Step 3/16 : ENV HOME=/home/builder
---> Running in 60f332b45094
Removing intermediate container 60f332b45094
---> a2d6f510be15
Step 4/16 : COPY --chown=builder:builder . $HOME/ufs-weather-model
'bit'] ---> Running in a98bdf9ac3dc
Removing intermediate container a98bdf9ac3dc
---> b2854627fe4d
Step 3/16 : ENV HOME=/home/builder
---> Running in 26701c305a74
```

```
Removing intermediate container 26701c305a74
---> 548b973d97ac
Step 4/16 : COPY --chown=builder:builder . $HOME/ufs-weather-model
'rst'] ---> Running in 729f9614a0ed

Removing intermediate container 729f9614a0ed
---> 32db8a5d830b
Step 3/16 : ENV HOME=/home/builder
---> Running in 14bbb91ecea9
Removing intermediate container 14bbb91ecea9
---> 4feeaab3a5bc
Step 4/16 : COPY --chown=builder:builder . $HOME/ufs-weather-model
'bit'] ---> 820c5e92f238
Step 5/16 : USER builder
---> Running in 049092d1820f
'dbg'] ---> 0aa6e009e915
Step 5/16 : USER builder
---> Running in 6bcffbc5b194
Removing intermediate container 6bcffbc5b194
---> eb012a91f095
Step 6/16 : ENV USER=builder
---> Running in 48ba9757ba91
Removing intermediate container 48ba9757ba91
---> 85ebea80ab75
Step 7/16 : ARG test_name
---> Running in c8b1d02394e7
Removing intermediate container c8b1d02394e7
---> b6bdfa3d8d94
Step 8/16 : ARG run_case
---> Running in 640e45f228c5
Removing intermediate container 640e45f228c5
---> 6c06827173bb
Step 9/16 : ENV test_name=$test_name
---> Running in 7f1459985f69
Removing intermediate container 7f1459985f69
---> cb14e08308b6
Step 10/16 : ENV run_case=$run_case
---> Running in c3de7787f72e
Removing intermediate container c3de7787f72e
---> e3d584684ad0
Step 11/16 : ENV CI_TEST=true
'bit'] Removing intermediate container 049092d1820f
---> 2c665df95b7d
Step 6/16 : ENV USER=builder
---> Running in 03c96a49ee87
```

```
Removing intermediate container 03c96a49ee87
---> e0197cd67e50
Step 7/16 : ARG test_name
---> Running in d543c34502ed

Removing intermediate container d543c34502ed
---> 50e530cdac6e
Step 8/16 : ARG run_case
'dbg'] ---> Running in 9ea09c19b80d
Removing intermediate container 9ea09c19b80d
---> 5ef34704dcae
Step 12/16 : ENV RT_COMPILER=gnu
---> Running in 9118302e8fef
Removing intermediate container 9118302e8fef
---> 243aaf26a10a
Step 13/16 : ENV RT_MACHINE=linux
---> Running in 64298adb69b6
'bit'] ---> Running in a827329a1e3e
Removing intermediate container a827329a1e3e
---> 0f9cfcdd1e7c
Step 9/16 : ENV test_name=$test_name
---> Running in e47989b86d85
Removing intermediate container e47989b86d85
---> 5a1786e76d70
Step 10/16 : ENV run_case=$run_case
---> Running in 6aba4047422b
'dbg'] Removing intermediate container 64298adb69b6
---> 6196b9b27811
Step 14/16 : ENV MACHINE_ID=linux
---> Running in 140f1f521442
Removing intermediate container 140f1f521442
---> 3d2d2d510331
Step 15/16 : WORKDIR $HOME/ufs-weather-model/tests
---> Running in d84a70a93e34
Removing intermediate container d84a70a93e34
---> 122148da2881
Step 16/16 : CMD ./opnReqTest -n $test_name -c $run_case
---> Running in 29a896ca2b70
'bit'] Removing intermediate container 6aba4047422b
---> 9dc1f13ba8bb
Step 11/16 : ENV CI_TEST=true
---> Running in 55ca18bdfde6
'dbg'] Removing intermeRemoving intermediate container 29a896ca2b70
'bit'] ---> 4aa105c
---> cea16e
---> cea16e
```

```
Step 12/16 : ENV RT_COMPILER=gnu
'dbg'] ---> Running in f61dfab7
[Warning] One or more build-args [build_case] were not consumed
Successfully built 4aa105cdfab7
'bit'] Successfully tag56aed4586
Removing intermediate container f6156aed4586
---> f2a5f267ffb8
Step 13/16 : ENV RT_MACHINE=linux
'dbg'] ---> Running in aged ci-test-weather:latest
'bit'] 03c38c11ae4
Removing intermediate container a03c38c11ae4
---> e0f67afb3a14
Step 14/16 : ENV MACHINE_ID=linux
---> Running in dcf887abbd9c
Removing intermediate container dcf887abbd9c
---> ac3074d615db
Step 15/16 : WORKDIR $HOME/ufs-weather-model/tests
---> Running in fd0e411c2f8a
Removing intermediate container fd0e411c2f8a
---> f7c5b5dc5b78
Step 16/16 : CMD ./opnReqTest -n $test_name -c $run_case
---> Running in 8ca8b028c520
Removing intermediate container 8ca8b028c520
---> 2777a04f8b3c
[Warning] One or more build-args [build_case] were not consumed
Successfully built 2777a04f8b3c
Successfully tagged ci-test-weather:latest
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Stage Test Data)
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Stage Test Data)
[Pipeline] sh
[Pipeline] sh
'dbg'] + docker volume rm --force DataVolume
DataVolume
+ docker run --detach --rm --volume DataVolume:/tmp noaaepic/input-data:20221101
Unable to find image 'noaaepic/input-data:20221101' locally
'bit'] + docker volume rm --force DataVolume
DataVolume
+ docker run --detach --rm --volume DataVolume:/tmp noaaepic/input-data:20221101
```

```
Unable to find image 'noaaepic/input-data:20221101' locally
'dbg'] 20221101: Pulling from noaaepic/input-data
df20fa9351a1: Pulling fs layer
1ff3978cbb81: Pulling fs layer

df20fa9351a1: Verifying Checksum
df20fa9351a1: Download complete
'bit'] 20221101: Pulling from noaaepic/input-data
df20fa9351a1: Pulling fs layer
1ff3978cbb81: Pulling fs layer
'dbg'] df20fa9351a1: Pull complete
'bit'] df20fa9351a1: Download complete
df20fa9351a1: Pull complete
'rst'] ---> 62f10e014bc2
Step 5/16 : USER builder
---> Running in a6e64bc26e39
Removing intermediate container a6e64bc26e39
---> 609f122b1640
Step 6/16 : ENV USER=builder
---> Running in cfd6e0862589
Removing intermediate container cfd6e0862589
---> 23616fe739a0
Step 7/16 : ARG test_name
---> Running in 697a6914ce55
Removing intermediate container 697a6914ce55
---> c955caa743c5
Step 8/16 : ARG run_case
---> Running in f23169273a9e
Removing intermediate container f23169273a9e
---> c7cf430d6a72
Step 9/16 : ENV test_name=$test_name
---> Running in 8fcc2ac00da0
Removing intermediate container 8fcc2ac00da0
---> 9b9112796801
Step 10/16 : ENV run_case=$run_case
---> Running in 7f2b37e69c4e
Removing intermediate container 7f2b37e69c4e
---> 0249ad213c25
Step 11/16 : ENV CI_TEST=true
---> Running in e95210ecb53d
Removing intermediate container e95210ecb53d
---> bb4cf4e64d34
Step 12/16 : ENV RT_COMPILER=gnu
---> Running in 34f5541b10c9
Removing intermediate container 34f5541b10c9
```

```
---> e1213d22592c
Step 13/16 : ENV RT_MACHINE=linux
---> Running in 4a8fb51de7c9
Removing intermediate container 4a8fb51de7c9

---> 26e923c38935
Step 14/16 : ENV MACHINE_ID=linux
---> Running in 30ca2c1bbb84
Removing intermediate container 30ca2c1bbb84
---> fe9cf410a3fe
Step 15/16 : WORKDIR $HOME/ufs-weather-model/tests
---> Running in bfb190db045f
Removing intermediate container bfb190db045f
---> 4310076a5ee1
Step 16/16 : CMD ./opnReqTest -n $test_name -c $run_case
---> Running in c7e3be5f9fe7
Removing intermediate container c7e3be5f9fe7
---> 891323241146
[Warning] One or more build-args [build_case] were not consumed
Successfully built 891323241146
Successfully tagged ci-test-weather:latest
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Stage Test Data)
[Pipeline] sh
'rst'] + docker volume rm --force DataVolume
DataVolume
+ docker run --detach --rm --volume DataVolume:/tmp noaaepic/input-data:20221101
Unable to find image 'noaaepic/input-data:20221101' locally
20221101: Pulling from noaaepic/input-data
df20fa9351a1: Pulling fs layer
1ff3978cbb81: Pulling fs layer
df20fa9351a1: Verifying Checksum
df20fa9351a1: Download complete
df20fa9351a1: Pull complete
'thr'] 1ff3978cbb81: Verifying Checksum
1ff3978cbb81: Download complete
'mpi'] 1ff3978cbb81: Verifying Checksum
1ff3978cbb81: Download complete
'bit'] 1ff3978cbb81: Download complete
'rst'] 1ff3978cbb81: Verifying Checksum
1ff3978cbb81: Download complete
'dbg'] 1ff3978cbb81: Verifying Checksum
1ff3978cbb81: Download complete
```

```

'dcp'] 1ff3978cbb81: Verifying Checksum
      1ff3978cbb81: Download complete
'thr'] 1ff3978cbb81: Verifying Checksum
      1ff3978cbb81: Download complete
'dcp'] 1ff3978cbb81: Verifying Checksum
      1ff3978cbb81: Download complete
'dbg'] 1ff3978cbb81: Verifying Checksum
      1ff3978cbb81: Download complete
'rst'] 1ff3978cbb81: Verifying Checksum
      1ff3978cbb81: Download complete
'thr'] 1ff3978cbb81: Pull complete
      Digest: sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
      Status: Downloaded newer image for noaaepic/input-data:20221101
'mpi'] 1ff3978cbb81: Pull complete
      Digest: sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
      Status: Downloaded newer image for noaaepic/input-data:20221101
'bit'] 1ff3978cbb81: Pull complete
      Digest: sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
'rst'] 1ff3978cbb81: Pull complete
      Digest: sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
      Status: Downloaded newer image for noaaepic/input-data:20221101
'bit'] Status: Downloaded newer image for noaaepic/input-data:20221101
'thr'] 0d2e9d8fdefc7d2646dfa21e535d9d41e64629e34c2868dc36bf13975c9f011f
      [Pipeline] }
      [Pipeline] // stage
      [Pipeline] stage
      [Pipeline] { (Test)
      [Pipeline] sh
'thr'] + docker run --rm --env test_name=control_p8 --env run_case=thr --workdir
      /home/builder/ufs-weather-model/tests --volume DataVolume:/home/builder/data/NEMSFv3gfs --
      interactive --shm-size=1gb ci-test-weather
      e2cfc95cc12b
      WARNING: UNKNOWN PLATFORM
      test name: control_p8
      cases to compile: std
      compiling std with compile option -DAPP=ATM -
      DCCPP_SUITES=FV3_GFS_v16,FV3_GFS_v15_thompson_mynn,FV3_GFS_v17_p8,FV3_GFS_v17_p8_rrtmgp,FV3
      _GFS_v15_thompson_mynn_lam3km,FV3_WoFS_v0 -D32BIT=ON
'mpi'] d7c980c4f77669f183c02f0dbfa6ccfb804120a57c046bfa401f9781befd5fd7
      [Pipeline] }
      [Pipeline] // stage
      [Pipeline] stage
      [Pipeline] { (Test)
      [Pipeline] sh

```

```
'mpi'] + docker run --rm --env test_name=control_p8 --env run_case=mpi --workdir
/home/builder/ufs-weather-model/tests --volume DataVolume:/home/builder/data/NEMSfv3gfs --
interactive --shm-size=1gb ci-test-weather
6d24c0a98962

WARNING: UNKNOWN PLATFORM
test name: control_p8
cases to compile: std
compiling std with compile option -DAPP=ATM -
DCCPP_SUITES=FV3_GFS_v16,FV3_GFS_v15_thompson_mynn,FV3_GFS_v17_p8,FV3_GFS_v17_p8_rrtmgp,FV3
_GFS_v15_thompson_mynn_lam3km,FV3_WoFS_v0 -D32BIT=ON
'dcp'] 1ff3978cbb81: Pull complete
Digest: sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
Status: Downloaded newer image for noaaepic/input-data:20221101
'dbg'] 1ff3978cbb81: Pull complete
Digest: sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
Status: Downloaded newer image for noaaepic/input-data:20221101
'thr'] 1ff3978cbb81: Pull complete
Digest: sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
Status: Downloaded newer image for noaaepic/input-data:20221101
'dcp'] 1ff3978cbb81: Pull complete
Digest: sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
Status: Downloaded newer image for noaaepic/input-data:20221101
'bit'] be459efece5cd85c1218bd62f9f49b139fb5bceb4099c3f083d39d17a69182d5
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Test)
[Pipeline] sh
'bit'] + docker run --rm --env test_name=control_p8 --env run_case=bit --workdir
/home/builder/ufs-weather-model/tests --volume DataVolume:/home/builder/data/NEMSfv3gfs --
interactive --shm-size=1gb ci-test-weather
c2103b59d01e
WARNING: UNKNOWN PLATFORM
test name: control_p8
cases to compile: bit
compiling bit with compile option -DAPP=ATM -
DCCPP_SUITES=FV3_GFS_v16,FV3_GFS_v15_thompson_mynn,FV3_GFS_v17_p8,FV3_GFS_v17_p8_rrtmgp,FV3
_GFS_v15_thompson_mynn_lam3km,FV3_WoFS_v0
'rst'] 1ff3978cbb81: Pull complete
Digest: sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
Status: Downloaded newer image for noaaepic/input-data:20221101
'dbg'] 1ff3978cbb81: Pull complete
'thr'] done compiling std
cases to run: std_base thr
```



```

Running test for std_base
  THRD: 1; INPES: 3; JNPES: 2; TPN: 40
++ mpiexec -n 80 ./fv3.exe
'dbg'] Digest: sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a

Status: Downloaded newer image for noaaepic/input-data:20221101
'mpi'] done compiling std
cases to run: std_base mpi
Running test for std_base
  THRD: 1; INPES: 3; JNPES: 2; TPN: 40
++ mpiexec -n 80 ./fv3.exe
'rst'] af8d086390bd735ece671b8ad77ce69b027b23ab7dfc2fb776004d3cb9542403
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Test)
[Pipeline] sh
'rst'] + docker run --rm --env test_name=control_p8 --env run_case=rst --workdir
/home/builder/ufs-weather-model/tests --volume DataVolume:/home/builder/data/NEMSFV3gfs --
interactive --shm-size=1gb ci-test-weather
4f3cbcd00075
WARNING: UNKNOWN PLATFORM
test name: control_p8
cases to compile: std
compiling std with compile option -DAPP=ATM -
DCCPP_SUITES=FV3_GFS_v16,FV3_GFS_v15_thompson_mynn,FV3_GFS_v17_p8,FV3_GFS_v17_p8_rrtmgp,FV3
_GFS_v15_thompson_mynn_lam3km,FV3_WoFS_v0 -D32BIT=ON
'thr'] 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
'mpi'] 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 :            47
sum num_post_afld :           47
allocate param to :           150

sum num_post_afld :           197
in readxml, aft read flat file.xml,num_post_afld=      150
in readxml, aft read flat file.xml,num_pset=           2
Size of pset is:              150
dataset is: GFSPRS
MXFLD is:                     1200
size of lvlxml:                98500
size of post_avblflds param    150
in readxml. nfld=              150 nrecout=             1048
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
PROCESS done
Size of pset is:              47
dataset is: GFSFLX
MXFLD is:                     1200
size of lvlxml:                98500
size of post_avblflds param    47
in readxml. nfld=              47 nrecout=             56
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
PROCESS done
'mpi'] in readxml,bf readxml,size(post_avblflds%param)=          1
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          47
sum num_post_afld :          47
allocate param to :          150
sum num_post_afld :          197
in readxml, aft read flat file.xml,num_post_afld=          150
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          150
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          98500
size of post_avblflds param          150
in readxml. nfld=          150 nrecout=          1048
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
PROCESS done
Size of pset is:          47
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          98500
size of post_avblflds param          47
in readxml. nfld=          47 nrecout=          56

```

```
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
PROCESS done
```

```
'dbg'] e7db8867fc02f3f53a11201733defd9ba15264ba06a633f2f470a9cca191b7df
```

```
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Test)
[Pipeline] sh
```

```
'dbg'] + docker run --rm --env test_name=cpld_control_nowave_noaero_p8 --env run_case=dbg --
workdir /home/builder/ufs-weather-model/tests --volume
DataVolume:/home/builder/data/NEMSFV3GFS --interactive --shm-size=1gb ci-test-weather
8a0746c3a3ef
```

```
WARNING: UNKNOWN PLATFORM
```

```
test name: cpld_control_nowave_noaero_p8
```

```
cases to compile: dbg
```

```
compiling dbg with compile option -DAPP=S2SW -DCCPP_SUITES=FV3_GFS_v17_coupled_p8 -
DDEBUG=ON
```

```
'bit'] done compiling bit
```

```
cases to run: bit_base
```

```
Running test for bit_base
```

```
THRD: 1; INPES: 3; JNPES: 2; TPN: 40
```

```
++ mpiexec -n 80 ./fv3.exe
```

```
'dcp'] 00b09e3c6a1d10f3b74278a79b4f0ebc476f38fd639ccdf163721d7b382b4889
```

```
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Test)
[Pipeline] sh
```

```
'dcp'] + docker run --rm --env test_name=control_p8 --env run_case=dcp --workdir
```

```
/home/builder/ufs-weather-model/tests --volume DataVolume:/home/builder/data/NEMSFV3GFS --
```

```
interactive --shm-size=1gb ci-test-weather
1344a5baf66b
WARNING: UNKNOWN PLATFORM
test name: control_p8

cases to compile: std
compiling std with compile option -DAPP=ATM -
DCCPP_SUITES=FV3_GFS_v16,FV3_GFS_v15_thompson_mynn,FV3_GFS_v17_p8,FV3_GFS_v17_p8_rrtmgp,FV3
_GFS_v15_thompson_mynn_lam3km,FV3_WoFS_v0 -D32BIT=ON
'thr'] 1c7b91cd14445b4c46b5309cb71b165b1ef52a6ff883f3732e81f057a973d3ff
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Test)
[Pipeline] sh
'thr'] + docker run --rm --env test_name=regional_control --env run_case=thr --workdir
/home/builder/ufs-weather-model/tests --volume DataVolume:/home/builder/data/NEMSfv3gfs --
interactive --shm-size=1gb ci-test-weather
7afc2874f343
WARNING: UNKNOWN PLATFORM
test name: regional_control
cases to compile: std
compiling std with compile option -DAPP=ATM -
DCCPP_SUITES=FV3_GFS_v16,FV3_GFS_v15_thompson_mynn,FV3_GFS_v17_p8,FV3_GFS_v17_p8_rrtmgp,FV3
_GFS_v15_thompson_mynn_lam3km,FV3_WoFS_v0 -D32BIT=ON
'dcp'] 267a15c88ac5fa5404ee3cc0072f14c7523c9cdc22ae00d481e7f33d011ed3be
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Test)
[Pipeline] sh
'dcp'] + docker run --rm --env test_name=regional_control --env run_case=dcp --workdir
/home/builder/ufs-weather-model/tests --volume DataVolume:/home/builder/data/NEMSfv3gfs --
interactive --shm-size=1gb ci-test-weather
2193c6c21b6d
test name: regional_control
WARNING: UNKNOWN PLATFORM
cases to compile: std
compiling std with compile option -DAPP=ATM -
DCCPP_SUITES=FV3_GFS_v16,FV3_GFS_v15_thompson_mynn,FV3_GFS_v17_p8,FV3_GFS_v17_p8_rrtmgp,FV3
_GFS_v15_thompson_mynn_lam3km,FV3_WoFS_v0 -D32BIT=ON
'bit'] 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

```

```
'rst'] e45ddb83d5b42bc0d81ad65986f848022a7738d0ddf48950277b2e809e22fb44
```

```

[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Test)
[Pipeline] sh

```

```
'rst'] + docker run --rm --env test_name=cpld_control_nowave_noaero_p8 --env run_case=rst --
workdir /home/builder/ufs-weather-model/tests --volume
DataVolume:/home/builder/data/NEMSfv3gfs --interactive --shm-size=1gb ci-test-weather
1d29bb1d27f7
```

```

WARNING: UNKNOWN PLATFORM
test name: cpld_control_nowave_noaero_p8

```

```
'dbg'] 7a8bf6dcb916f82fdec40fb89981624b9daeab041211cde6ebc654fe128ce66f
```

```

[Pipeline] }
[Pipeline] // stage

```

```
'rst'] cases to compile: std
compiling std with compile option -DAPP=S2SW -DCCPP_SUITES=FV3_GFS_v17_coupled_p8
```

```

[Pipeline] stage
[Pipeline] { (Test)
[Pipeline] sh

```

```
'dbg'] + docker run --rm --env test_name=control_p8 --env run_case=dbg --workdir
/home/builder/ufs-weather-model/tests --volume DataVolume:/home/builder/data/NEMSfv3gfs --
interactive --shm-size=1gb ci-test-weather
13c40db0e78d
```

```

WARNING: UNKNOWN PLATFORM
test name: control_p8
cases to compile: dbg
compiling dbg with compile option -DAPP=ATM -
DCCPP_SUITES=FV3_GFS_v16,FV3_GFS_v15_thompson_mynn,FV3_GFS_v17_p8,FV3_GFS_v17_p8_rrtmgp,FV3
_GFS_v15_thompson_mynn_lam3km,FV3_WoFS_v0 -D32BIT=ON -DDEBUG=ON

```

```
'rst'] done compiling std
```

```

cases to run: std_base rst
Running test for std_base
    THRD: 1; INPES: 3; JNPES: 2; TPN: 40
++ mpiexec -n 80 ./fv3.exe

```

```
'bit'] in readxml,bf readxml,size(post_avblflds%param)= 1
```

```

xml_perl_data read Post flat file
allocate paramset to : 2
allocate param to : 47
sum num_post_afld : 47

```

```
allocate param to :          150
sum num_post_afld :         197
in readxml, aft read flat file.xml,num_post_afld=          150
in readxml, aft read flat file.xml,num_pset=                2
```

```
Size of pset is:           150
dataset is: GFSPRS
MXFLD is:                  1200
size of lvl$xml:           98500
size of post_avblflds param      150
in readxml. nfld=          150 nrecout=          1048
```

```
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
PROCESS done
```

```
Size of pset is:           47
dataset is: GFSFLX
MXFLD is:                  1200
size of lvl$xml:           98500
size of post_avblflds param      47
in readxml. nfld=          47 nrecout=          56
```

```
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
PROCESS done
```

```
'rst'] Using non-aerosol-aware version of Thompson microphysics
```

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

```
'dbg'] done compiling dbg
```

```
cases to run: dbg_base
```

```
Running test for dbg_base
```

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

```
++ mpiexec -n 80 ./fv3.exe
```

```
'rst'] in readxml,bf readxml,size(post_avblflds%param)= 1
```

```
xml_perl_data read Post flat file
```

```
allocate paramset to : 2
```

```
allocate param to : 47
```

```
sum num_post_afld : 47
```

```
allocate param to : 150
```

```
sum num_post_afld : 197
```

```
in readxml, aft read flat file.xml,num_post_afld= 150
```

```
in readxml, aft read flat file.xml,num_pset= 2
```

```
Size of pset is: 150
```

```
datset is: GFSPRS
```

```
MXFLD is: 1200
```

```
size of lvlxml: 98500
```

```
size of post_avblflds param 150
```

```
in readxml. nfld= 150 nrecout= 1048
```

```
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
```



```
'dbg'] (MOM_cap:InitializeAdvertise)current time: y,m,d-      2021      3      22
h,m,s=      6      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

```
'rst'] MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:      47
datset is: GFSFLX
MXFLD is:      1200
size of lvlxml:      98500
size of post_avblflds param      47
in readxml. nfld=      47 nrecout=      56
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
PROCESS done
```

```
'dbg']
WARNING from PE 0: MEKE_init: Initializing MEKE with a local equilibrium balance.
```

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

'dbg'] done compiling dbg

cases to run: dbg\_base

```
Running test for dbg_base
  THRD: 1; INPES: 3; JNPES: 2; TPN: 40
++ mpiexec -n 80 ./fv3.exe
'dcp'] done compiling std

cases to run: std_base dcp
Running test for std_base
  THRD: 1; INPES: 3; JNPES: 2; TPN: 40
++ mpiexec -n 80 ./fv3.exe
'thr'] done compiling std

cases to run: std_base thr
Running test for std_base
  THRD: 1; INPES: 10; JNPES: 11; TPN: 40
++ mpiexec -n 120 ./fv3.exe
'dcp'] done compiling std

cases to run: std_base dcp
Running test for std_base
  THRD: 1; INPES: 10; JNPES: 11; TPN: 40
++ mpiexec -n 120 ./fv3.exe
'dcp'] 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']

WARNING from PE      2: atmos_modeldefine_blocks_packed: domain ( 32 18) is not an even
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE     71: atmos_modeldefine_blocks_packed: domain ( 32 17) is not an even
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE     30: atmos_modeldefine_blocks_packed: domain ( 32 17) is not an even
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE     34: atmos_modeldefine_blocks_packed: domain ( 32 17) is not an even
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE    107: atmos_modeldefine_blocks_packed: domain ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 49: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 52: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 57: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 58: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 60: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 61: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 62: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 63: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even

divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 0: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 39: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 40: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 41: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 42: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 43: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 44: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 45: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even

divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 46: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 47: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 50: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 51: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 53: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 54: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 55: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 56: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 59: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 66: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 70: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even

divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 88: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 89: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 90: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 91: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 93: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 94: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 98: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 104: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 105: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 106: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 108: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even

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

WARNING from PE 109: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 32: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 33: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 35: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 36: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 38: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 64: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 65: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even

divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 67: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 68: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 69: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 72: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 73: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 74: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 75: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 76: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 77: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 78: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 79: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even

divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 80: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 81: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 82: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 84: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 85: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 86: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 87: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 92: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 95: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 96: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 97: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even

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

WARNING from PE 99: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 100: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 101: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 102: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 103: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 83: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

'dcp']

WARNING from PE 48: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 49: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 14: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) 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 ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 60: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even

divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 61: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 63: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 77: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 78: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 90: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 93: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 16) is not an even

divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 58: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 59: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 71: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 72: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 20: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) 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 ( 32 16) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 66: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 73: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 0: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 62: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 98: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) 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 ( 32 18) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 65: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 67: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 89: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 64: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 68: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even



divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 80: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 87: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 91: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 95: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 103: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) 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 ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 52: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 54: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 55: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 88: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 96: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 50: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 51: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 53: atmos\_modeldefine\_blocks\_packed: domain ( 32 16) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 8

WARNING from PE 70: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 5: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) 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 ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 36: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 37: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even

divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 46: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 47: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 69: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 101: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 102: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 35: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 38: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 74: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even

divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 79: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 85: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 97: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 100: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 75: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 76: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even

divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 81: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 82: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 86: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 99: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 105: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 41: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 42: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even

divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 44: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 45: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 83: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 84: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 107: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 18) 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 ( 32 17) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 43: atmos\_modeldefine\_blocks\_packed: domain ( 32 17) is not an even

divisor with definition ( 28) - blocks will not be uniform with a remainder of 12

WARNING from PE 92: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 94: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 106: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 108: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 109: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 104: atmos\_modeldefine\_blocks\_packed: domain ( 32 18) is not an even  
divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

```
'thr'] Using non-aerosol-aware version of Thompson microphysics
      calling table_ccnAct routine
      creating qc collision eff tables
      creating rain evap table
      creating ice converting to snow table
      creating rain collecting graupel table
      creating freezing of water drops table
      ... DONE microphysical lookup tables
'dcp'] in readxml,bf readxml,size(post_avblflds%param)=          1
      xml_perl_data read Post flat file
      allocate paramset to :          2
      allocate param to :          47
      sum num_post_afld :          47
      allocate param to :          150
      sum num_post_afld :          197
      in readxml, aft read flat file.xml,num_post_afld=          150
      in readxml, aft read flat file.xml,num_pset=          2
      Size of pset is:          150
```

```
datset is: GFSPRS
MXFLD is:      1200
size of lvl$xml:      98500
size of post_avblflds param      150

in readxml. nfld=      150 nrecout=      1048
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
PROCESS done
Size of pset is:      47
datset is: GFSFLX
MXFLD is:      1200
size of lvl$xml:      98500
size of post_avblflds param      47
in readxml. nfld=      47 nrecout=      56
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
PROCESS done
in readxml,bf readxml,size(post_avblflds%param)=      1
```



```
'thr'] xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :            219
sum num_post_afld :           219

allocate param to :            258
sum num_post_afld :           477
in readxml, aft read flat file.xml,num_post_afld=          258
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:          258
datset is: PRSLEV
MXFLD is:          1200
size of lvlxml:          238500
size of post_avblflds param          258
in readxml. nfld=          258 nrecout=          1078
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
```

```
'dcp'] 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
```

```
'thr'] PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
```

```

PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          219

dataset is: NATLEV
MXFLD is:          1200
size of lvlxml:      238500
size of post_avblflds param          219
in readxml. nfld=          219 nrecout=          1569
PROCESS starts
PROCESS MDLFLD done
'dcp'] ... DONE microphysical lookup tables
'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
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
'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 :          258
sum num_post_afld :          477
in readxml, aft read flat file.xml,num_post_afld=          258

```

```
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          258
datset is: PRSLEV
MXFLD is:          1200

size of lvlxml:          238500
size of post_avblflds param          258
in readxml. nfld=          258 nrecout=          1078
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
PROCESS done
Size of pset is:          219
datset is: NATLEV
MXFLD is:          1200
size of lvlxml:          238500
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
PROCESS done
'rst'] done compiling std
cases to run: std_base rst
Running test for std_base
    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=      6      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: MEKE_init: Initializing MEKE with a local equilibrium balance.

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

'dbg'] 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
'rst'] Using non-aerosol-aware version of Thompson microphysics
    calling table_ccnAct routine
    creating qc collision eff tables
    creating rain evap table
    creating ice converting to snow table
    creating rain collecting graupel table
    creating freezing of water drops table
    ... DONE microphysical lookup tables
'dbg'] 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)=          47
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          112
sum num_post_afld :          112
allocate param to :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
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
PROCESS done
Size of pset is:          112
datset is: GFSFLX
MXFLD is:                1200
size of lvlxml:          154500
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
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done

```

```

'dbg'] 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_dbg_base
working dir  = /home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/control_p8_dbg_base
Checking test dbg_base control_p8 results ....
Moving baseline dbg_base control_p8 files ....
  Moving sfcf001.nc .....OK
  Moving sfcf001.nc .....OK

```

```

The total amount of wall time          = 325.221864
The maximum resident set size (KB)     = 1437852

```

Test dbg\_base control\_p8 PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 00h:06m:53s. Have a nice day!

opnReqTest finished

[Pipeline] }

[Pipeline] // stage

Post stage

[Pipeline] sh

```
'dbg'] ++ docker image ls
```

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

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

```
+ docker rmi -f 0c08416345fe
```

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

```
Deleted: sha256:0c08416345feccd0dca9437f931117dbbd2d7ec01240f66c66abe6a993a3d4a0
```

```
Deleted: sha256:ff58f836dfa1f8a40966803f6b60450b7147c9ef0e818283277e5312ca700440
```

```
Deleted: sha256:1d30964ce9fe5fb683c89d8a16677d8328242eb07e09f9a684e2a9fbb603571a
```

```
Deleted: sha256:89b7c1a16012cd06c47c7a81d9dd00c82958561eec8aa14d39ac2e3a73a82383
```

```
Deleted: sha256:48be169fc2ad34b5b2fd4399a9d674f260c0c75b1791230d00e380e43254d2c4
```

```
Deleted: sha256:0528a650c4ad30d13e145a511573509ce652323dcd1a7909377aaa64c82dd049
```

```
Deleted: sha256:8d5f6cfbc94829f2a0b6dc15673423bd70bad2389b84bf03294ead2f34b00295
```

```
Deleted: sha256:03eba57c82bbc5bd236859e7bb2d383b6b70c37daf99c9e73f75451d02efa7a3
```

```
Deleted: sha256:5f98c448a1456b778c4ea33e63cebff9fcedb593465d615112e4401093a5300b
```

```
Deleted: sha256:27e50a43ac03c3138a500949733a719cdd744323b95995447456983432e2bb62
```

```
Deleted: sha256:35ef7feac6f35d414744b1b066d40b87d6c0401430b83997821cb4909494b597
```

```
Deleted: sha256:c578b6fad590130ace4aa14c34e2dcd2f294706d0577da9f8e51ef1be640092f
```

```
Deleted: sha256:a4ff3d9966c8774da05280519d06280b2dca3ca8186ac4d4615c22cbfaf1feed
```

```
Deleted: sha256:841673b22a2662a4c8a5b376c8760a49d4a5e3f742c113d88fe9316cf2001630
```

```
Deleted: sha256:0d2f05f6b03ba06d854911a0d6299ab1b3d768f13aa6fdafa7d63f10a2f82760
```

```
Deleted: sha256:fab28d230e60cdfdf8e41373a77d7f4fc7ee187aec84cfc97d02f7dc1026ce09
```

```
++ docker image ls
```

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

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

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

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

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

```
stack@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8
```

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

```
Deleted: sha256:d91d700fe046d8b5dca3b82d589783b859fa1d0f59b40b5c92554d25cbf68acc
```

```
Deleted: sha256:5b27180194225db246c7f38ae95fd1e3ed42abfa879c99a994e23184bce24194
```

```
Deleted: sha256:00cea692fd3d2f6b60f8530cf7603cb35aae6c603e6e4499befcd760adffcb5f
```

```
Deleted: sha256:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4fff75e77033e
```

```
Deleted: sha256:0130cb63d59064b5287f4f6638c598addd5452f44bfb36f0be6ed076a72a3d4c
```

```
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
```



Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5

Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaab30aef5a6d99aea3fe74d8cc69d4e7bf2

Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741

Deleted: sha256:ccd8b80308cc5ef43b605ac28fac29c6a597f89f5a169bbbedbb8dec29c987439

[Pipeline] }

[Pipeline] // withEnv

[Pipeline] }

[Pipeline] // node

[Pipeline] }

[Pipeline] // withEnv

[Pipeline] }

[Pipeline] // stage

[Pipeline] }

```
'thr'] reset of fraction_interval w          5  10800.0000
reset of fraction_interval w          5  10800.0000
reset of fraction_interval u          5  10800.0000
reset of fraction_interval u          5  10800.0000
reset of fraction_interval v          5  10800.0000
reset of fraction_interval v          5  10800.0000
in readxml,bf readxml,size(post_avblflds%param)=      219
xml_perl_data read Post flat file
allocate paramset to :                2
allocate param to :                   219
sum num_post_afld :                   219
allocate param to :                   258
sum num_post_afld :                   477
in readxml, aft read flat file.xml,num_post_afld=      258
in readxml, aft read flat file.xml,num_pset=           2
Size of pset is:                       258
dataset is: PRSLEV
MXFLD is:                               1200
size of lvlxml:                         238500
size of post_avblflds param             258
in readxml. nfld=                       258 nrecout=    1078
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=                        0   3000000  333600.000
numr,dyval,DY_m=                        0   3000000  333600.000
numr,dyval,DY_m=                        0   3000000  333600.000
```

```

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

numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:      219
datset is: NATLEV
MXFLD is:      1200
size of lvlxml:      238500
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
PROCESS done
'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 :                   258
sum num_post_afld :                   477
in readxml, aft read flat file.xml,num_post_afld=      258
in readxml, aft read flat file.xml,num_pset=           2
Size of pset is:                        258
datset is: PRSLEV
MXFLD is:                               1200
size of lvlxml:                          238500
size of post_avblflds param              258
in readxml. nfld=                        258 nrecout=    1078
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=                          0   3000000  333600.000
numr,dyval,DY_m=                          0   3000000  333600.000
numr,dyval,DY_m=                          0   3000000  333600.000
numr,dyval,DY_m=                          0   3000000  333600.000
numr,dyval,DY_m=                          0   3000000  333600.000
numr,dyval,DY_m=                          0   3000000  333600.000
numr,dyval,DY_m=                          0   3000000  333600.000
numr,dyval,DY_m=                          0   3000000  333600.000
numr,dyval,DY_m=                          0   3000000  333600.000
numr,dyval,DY_m=                          0   3000000  333600.000
PROCESS CLDRAD done
PROCESS MISCLN done

```

```

PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends

PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          219
dataset is: NATLEV
MXFLD is:                1200
size of lvlxml:          238500
size of post_avblflds param      219
in readxml. nfld=        219 nrecout=      1569
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=         0    3000000  333600.000
numr,dyval,DY_m=         0    3000000  333600.000
numr,dyval,DY_m=         0    3000000  333600.000
numr,dyval,DY_m=         0    3000000  333600.000
numr,dyval,DY_m=         0    3000000  333600.000
numr,dyval,DY_m=         0    3000000  333600.000
numr,dyval,DY_m=         0    3000000  333600.000
numr,dyval,DY_m=         0    3000000  333600.000
numr,dyval,DY_m=         0    3000000  333600.000
numr,dyval,DY_m=         0    3000000  333600.000
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done

```

```

'mpi'] 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 :          197
sum num_post_afld :         309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=                2
```

```
Size of pset is:           197
datset is: GFSPRS
MXFLD is:                  1200
size of lvlxml:            154500
size of post_avblflds param      197
in readxml. nfld=          197 nrecout=          1095
```

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

PROCESS done

```
Size of pset is:           112
```

datset is: GFSFLX

```
MXFLD is:                  1200
```

```
size of lvlxml:            154500
```

```
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

PROCESS MISCLN done

PROCESS MDL2STD\_P done

PROCESS FIXED done

MDL2THANDPV starts

```

MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
'thr'] 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 :      197
sum num_post_afld :      309
in readxml, aft read flat file.xml,num_post_afld=      197
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      197
datset is: GFSPRS
MXFLD is:      1200
size of lvlxml:      154500
size of post_avblflds param      197
in readxml. nfld=      197 nrecout=      1095
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
PROCESS done
Size of pset is:      112
datset is: GFSFLX
MXFLD is:      1200
size of lvlxml:      154500
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
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done

```

Running test for thr

```
THRD: 2; INPES: 3; JNPES: 1; TPN: 20
```

```
++ mpiexec -n 30 ./fv3.exe
```

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

```

```

in readxml,bf readxml,size(post_avblflds%param)=          1
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          47
sum num_post_afld :          47
allocate param to :          150
sum num_post_afld :          197
in readxml, aft read flat file.xml,num_post_afld=        150
in readxml, aft read flat file.xml,num_pset=              2
Size of pset is:          150
datset is: GFSPRS
MXFLD is:          1200
size of lvl$xml:          98500
size of post_avblflds param          150
in readxml. nfld=          150 nrecout=          1048

```

```

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
PROCESS done
Size of pset is:          47
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          98500
size of post_avblflds param          47
in readxml. nfld=          47 nrecout=          56
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
PROCESS done

```

```

'mpi'] 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 :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          197
datset is: GFSPRS

```



MXFLD is: 1200  
size of lvlxml: 154500  
size of post\_avblflds param 197  
in readxml. nfld= 197 nrecout= 1095

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  
PROCESS done

Size of pset is: 112  
datset is: GFSFLX  
MXFLD is: 1200  
size of lvlxml: 154500  
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  
PROCESS MISCLN done  
PROCESS MDL2STD\_P done  
PROCESS FIXED done  
MDL2THANDPV starts  
MDL2THANDPV ends  
PROCESS MDL2THANDPV done  
PROCESS CALRAD\_WCLOUD done  
PROCESS done

Running test for mpi

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

```

++ mpiexec -n 80 ./fv3.exe
'rst'] 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 :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
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
PROCESS done
Size of pset is:          112
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          154500
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
PROCESS MISCLN done
PROCESS MDL2STD_P done

PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done

```

```

'mpi'] 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
in readxml,bf readxml,size(post_avblflds%param)=          1
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          47
sum num_post_afld :          47
allocate param to :          150
sum num_post_afld :          197
in readxml, aft read flat file.xml,num_post_afld=        150
in readxml, aft read flat file.xml,num_pset=              2
Size of pset is:          150
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          98500
size of post_avblflds param          150
in readxml. nfld=          150 nrecout=          1048
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

PROCESS done
Size of pset is:          47
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          98500
size of post_avblflds param          47
in readxml. nfld=          47 nrecout=          56
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
PROCESS done
'bit'] 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 :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
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
PROCESS done
Size of pset is:          112
datset is: GFSFLX
MXFLD is:                1200
size of lvl$xml:         154500
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
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
'rst'] 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 :            197
sum num_post_afld :            309
in readxml, aft read flat file.xml,num_post_afld=          197

```

in readxml, aft read flat file.xml,num\_pset= 2

Size of pset is: 197

datset is: GFSPRS

MXFLD is: 1200

size of lvlxml: 154500

size of post\_avblflds param 197

in readxml. nfld= 197 nrecout= 1095

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

PROCESS done

Size of pset is: 112

datset is: GFSFLX

MXFLD is: 1200

size of lvlxml: 154500

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

PROCESS MISCLN done

PROCESS MDL2STD\_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD\_WCLOUD done

PROCESS done

Running test for rst

THRD: 1; INPES: 3; JNPES: 2; TPN: 40

++ mpiexec -n 80 ./fv3.exe

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'] 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 :                   258
sum num_post_afld :                   477
in readxml, aft read flat file.xml,num_post_afld=      258
in readxml, aft read flat file.xml,num_pset=           2
Size of pset is:                       258
datset is: PRSLEV
MXFLD is:                               1200
size of lvlxml:                         238500
size of post_avblflds param             258
in readxml. nfld=                       258 nrecout=    1078
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=                       0   3000000  333600.000
numr,dyval,DY_m=                       0   3000000  333600.000
numr,dyval,DY_m=                       0   3000000  333600.000
numr,dyval,DY_m=                       0   3000000  333600.000
```

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

numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:      219
dataset is: NATLEV
MXFLD is:      1200
size of lvlxml:      238500
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  
PROCESS done

Running test for thr

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

++ mpiexec -n 70 ./fv3.exe

```
'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 :      258
sum num_post_afld :      477
in readxml, aft read flat file.xml,num_post_afld=      258
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      258
datset is: PRSLEV
MXFLD is:      1200
size of lvlxml:      238500
size of post_avblflds param      258
in readxml. nfld=      258 nrecout=      1078
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
PROCESS done
Size of pset is:          219
datset is: NATLEV
MXFLD is:                1200
size of lvlxml:          238500
size of post_avblflds param      219
in readxml. nfld=        219 nrecout=      1569
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=        0      3000000  333600.000
numr,dyval,DY_m=        0      3000000  333600.000
numr,dyval,DY_m=        0      3000000  333600.000
numr,dyval,DY_m=        0      3000000  333600.000
numr,dyval,DY_m=        0      3000000  333600.000
numr,dyval,DY_m=        0      3000000  333600.000
numr,dyval,DY_m=        0      3000000  333600.000
numr,dyval,DY_m=        0      3000000  333600.000
numr,dyval,DY_m=        0      3000000  333600.000
numr,dyval,DY_m=        0      3000000  333600.000
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Running test for dcp
  THRD: 1; INPES: 5; JNPES: 12; TPN: 40
++ mpiexec -n 80 ./fv3.exe

```

```

'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 :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
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
PROCESS done
Size of pset is:          112
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          154500
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
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done

MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
```

```
'thr']
```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

WARNING from PE 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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

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

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 : 258

sum num\_post\_afld : 477

in readxml, aft read flat file.xml,num\_post\_afld= 258

in readxml, aft read flat file.xml,num\_pset= 2

Size of pset is: 258

datset is: PRSLEV

MXFLD is: 1200

size of lvlxml: 238500

size of post\_avblflds param 258

in readxml. nfld= 258 nrecout= 1078

PROCESS starts

PROCESS MDLFLD done

PROCESS MDL2P done

PROCESS MDL2SIGMA done

PROCESS MDL2SIGMA2 done

PROCESS MDL2AGL done

PROCESS SURFCE done

numr,dyval,DY\_m= 0 3000000 333600.000

numr,dyval,DY\_m= 0 3000000 333600.000

numr,dyval,DY\_m= 0 3000000 333600.000

numr,dyval,DY\_m= 0 3000000 333600.000

numr,dyval,DY\_m= 0 3000000 333600.000

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

numr,dyval,DY_m=      0      3000000  333600.000
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:      219
datset is: NATLEV
MXFLD is:      1200
size of lvlxml:      238500
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
PROCESS done
'bit'] 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 :            197
sum num_post_afld :            309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:           197
datset is: GFSPRS
MXFLD is:           1200
size of lvl$xml:           154500
size of post_avblflds param          197
in readxml. nfld=           197 nrecout=           1095
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:           112
datset is: GFSFLX
MXFLD is:           1200
size of lvl$xml:           154500
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
PROCESS MISCLN done

PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
```

```
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_bit_base
working dir = /home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/control_p8_bit_base
```

```
Checking test bit_base control_p8 results ....
```

```
Moving baseline bit_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/coupler.res .....OK
Moving RESTART/fv_core.res.nc .....OK
Moving RESTART/fv_core.res.tile1.nc .....OK
Moving RESTART/fv_core.res.tile2.nc .....OK
Moving RESTART/fv_core.res.tile3.nc .....OK
Moving RESTART/fv_core.res.tile4.nc .....OK
Moving RESTART/fv_core.res.tile5.nc .....OK
Moving RESTART/fv_core.res.tile6.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile1.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile2.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile3.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile4.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile5.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile6.nc .....OK
```

```
Moving RESTART/fv_tracer.res.tile1.nc .....OK
Moving RESTART/fv_tracer.res.tile2.nc .....OK
Moving RESTART/fv_tracer.res.tile3.nc .....OK
Moving RESTART/fv_tracer.res.tile4.nc .....OK

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

```
The total amount of wall time           = 782.096822
The maximum resident set size (KB)     = 1486596
```

```
Test bit_base control_p8 PASS
```

```
OPERATION REQUIREMENT TEST WAS SUCCESSFUL
Elapsed time: 00h:15m:58s. Have a nice day!
opnReqTest finished
```

```
'dcp']
```

```
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 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 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 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 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 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 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 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 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 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 51: atmos\_modeldefine\_blocks\_packed: domain ( 64 16) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

WARNING from PE 54: atmos\_modeldefine\_blocks\_packed: domain ( 64 16) is not an even divisor with definition ( 28) - blocks will not be uniform with a remainder of 16

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

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

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

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

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

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

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



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

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

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

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

WARNING from PE 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

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
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 :          258
sum num_post_afld :          477
in readxml, aft read flat file.xml,num_post_afld=        258
in readxml, aft read flat file.xml,num_pset=              2
Size of pset is:          258
dataset is: PRSLEV
MXFLD is:          1200
size of lvl$xml:          238500
size of post_avblflds param          258
in readxml. nfld=          258 nrecout=          1078
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

```

```

[Pipeline] }
[Pipeline] // stage
Post stage
[Pipeline] sh
'dcp']
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:          219
dataset is: NATLEV
MXFLD is:                1200
size of lvlxml:          238500
size of post_avblflds param      219
in readxml. nfld=        219 nrecout=      1569
PROCESS starts
'bit'] ++ docker image ls
++ grep -E -m1 ci-test-weather
++ awk '{ print $3 }'
+ docker rmi -f 2777a04f8b3c
Untagged: ci-test-weather:latest
Deleted: sha256:2777a04f8b3c60719757d6010fffc855249c993b5244453157afee6dc80ca3c1
Deleted: sha256:f7c5b5dc5b788d33631ce6721964f51a5ae156aadfdd20baf9aaf7558702dbd5
Deleted: sha256:ac3074d615db3576c6f106640ec4f2f96f2618900fb463d58e6e4b4675165ae5
Deleted: sha256:e0f67afb3a14e2a8ee5b06fe37b6656163806b97bfdfb84f4665e347b68254ea
Deleted: sha256:f2a5f267ffb89eeae7d536d71fa36d2aca0931253784d27fa779322f56dab876
Deleted: sha256:cea16eccc9ebf2fabd2f7e336a7ca0525969ae9ad99cab5f9ec7fc0bd9728ee
Deleted: sha256:9dc1f13ba8bb80e01db14121d2c9590582d6c671ae08466ab5f2fa9c2399961d
Deleted: sha256:5a1786e76d70e4d8d39bd32fd5c3bc78dae995bb2bbe7dfe71c41cd06516409b
Deleted: sha256:0f9cfcdd1e7c4a7501e9539d97d9f33bbb313d0ce155808aaf3b13882c5114c4
Deleted: sha256:50e530cdac6e4f632ba4da76b6defcb7788ff1b376b94b745544e71dafef10057
Deleted: sha256:e0197cd67e500ced5d98477e829cc80ea75df5e4304a2e3cb1b1bf6b6d8ac61a
Deleted: sha256:2c665df95b7d7b9e4979e05b720796a4d83eef58129408336070eaf262c5bb3
Deleted: sha256:820c5e92f2380a9ef6417019533b80b06ff621b602499595d7c41623347bdf1f
Deleted: sha256:df60b65fc8ccd4d167507b0c9f0b704998067d02aaa2d6619ff5bb333a3b58d7
Deleted: sha256:548b973d97ac3328d0dd5fe943e16897ca08b56a6a714fb1aa96c3fb399bb593
Deleted: sha256:b2854627fe4d1239e5450a23869a50e7b0170d2774e6ac5d81f6a77687b73ced
++ docker image ls
++ grep -E -m1 noaaepic
++ awk '{ print $3 }'
+ docker rmi -f 1920f81f6556

```

```
'dcp'] 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
```

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

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

```
stack@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
```

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

```
Deleted: sha256:d91d700fe046d8b5dca3b82d589783b859fa1d0f59b40b5c92554d25cbf68acc
```

```
Deleted: sha256:5b27180194225db246c7f38ae95fd1e3ed42abfa879c99a994e23184bce24194
```

```
Deleted: sha256:00cea692fd3d2f6b60f8530cf7603cb35aae6c603e6e4499befcd760adffcb5f
```

```
Deleted: sha256:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4fff75e77033e
```

```
Deleted: sha256:0130cb63d59064b5287f4f6638c598add5452f44bfb36f0be6ed076a72a3d4c
```

```
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
```

```
Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5
```

```
Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaaf30aef5a6d99aea3fe74d8cc69d4e7bf2
```

```
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
```

```
Deleted: sha256:ccdbb80308cc5ef43b605ac28fac29c6a597f89f5a169bbedbb8dec29c987439
```

```
[Pipeline] }
```

```
'dcp'] PROCESS MISCLN done
```

```
PROCESS MDL2STD_P done
```

```
PROCESS FIXED done
```

```
MDL2THANDPV starts
```

```
MDL2THANDPV ends
```

```
PROCESS MDL2THANDPV done
```

```
PROCESS CALRAD_WCLOUD done
```

```
PROCESS done
```

```
[Pipeline] // withEnv
```

```
[Pipeline] }
```

```
[Pipeline] // node
```

```
[Pipeline] }
```

```

[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
'rst']
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 :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
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
PROCESS done
Size of pset is:          112
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          154500
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
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
'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 :             197
sum num_post_afld :             309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvl$xml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
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
PROCESS done

```

```

Size of pset is:          112
dataset is: GFSFLX
MXFLD is:                1200
size of lvlxml:          154500

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
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done

```

Running test for dcp

```
THRD: 1; INPES: 2; JNPES: 3; TPN: 40
```

```
++ mpiexec -n 80 ./fv3.exe
```

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

```

```

'rst'] 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 :            197
sum num_post_afld :            309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:          197
dataset is: GFSPRS

```



```
MXFLD is:          1200
size of lvlxml:    154500
size of post_avblflds param      197
in readxml. nfld=    197 nrecout=    1095
```

```
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
PROCESS done
```

```
Size of pset is:    112
dataset is: GFSFLX
MXFLD is:          1200
size of lvlxml:    154500
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
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
```

```
'dcp'] in readxml,bf readxml,size(post_avblflds%param)=    1
xml_perl_data read Post flat file
```

```
allocate paramset to :          2
allocate param to :           47
sum num_post_afld :           47
allocate param to :           150

sum num_post_afld :           197
in readxml, aft read flat file.xml,num_post_afld=      150
in readxml, aft read flat file.xml,num_pset=           2
Size of pset is:              150
dataset is: GFSPRS
MXFLD is:                     1200
size of lvlxml:                98500
size of post_avblflds param    150
in readxml. nfld=              150 nrecout=             1048
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
PROCESS done
Size of pset is:              47
dataset is: GFSFLX
MXFLD is:                     1200
size of lvlxml:                98500
size of post_avblflds param    47
in readxml. nfld=              47 nrecout=             56
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
PROCESS done
'rst'] 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 :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
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
PROCESS done
Size of pset is:          112
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          154500
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
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
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 :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvl$xml:          154500
size of post_avblflds param          197
in readxml. nfld=          197 nrecout=          1095
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
PROCESS done
Size of pset is:          112

datset is: GFSFLX
MXFLD is:                1200
size of lvlxml:          154500
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
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
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_rst
```

```
Checking test rst control_p8 results ....
```

```
Comparing GFSFLX.GrbF24 .....OK
Comparing GFSPRS.GrbF24 .....OK
Comparing RESTART/coupler.res .....OK
Comparing RESTART/fv_core.res.nc .....SKIP for gnu compilers
Comparing RESTART/fv_core.res.tile1.nc .....OK
Comparing RESTART/fv_core.res.tile2.nc .....OK
Comparing RESTART/fv_core.res.tile3.nc .....OK
Comparing RESTART/fv_core.res.tile4.nc .....OK
Comparing RESTART/fv_core.res.tile5.nc .....OK
Comparing RESTART/fv_core.res.tile6.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile1.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile2.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile3.nc .....OK
```

```
Comparing RESTART/fv_srf_wnd.res.tile4.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile5.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile6.nc .....OK
Comparing RESTART/fv_tracer.res.tile1.nc .....OK

Comparing RESTART/fv_tracer.res.tile2.nc .....OK
Comparing RESTART/fv_tracer.res.tile3.nc .....OK
Comparing RESTART/fv_tracer.res.tile4.nc .....OK
Comparing RESTART/fv_tracer.res.tile5.nc .....OK
Comparing RESTART/fv_tracer.res.tile6.nc .....OK
Comparing RESTART/phy_data.tile1.nc .....OK
Comparing RESTART/phy_data.tile2.nc .....OK
Comparing RESTART/phy_data.tile3.nc .....OK
Comparing RESTART/phy_data.tile4.nc .....OK
Comparing RESTART/phy_data.tile5.nc .....OK
Comparing RESTART/phy_data.tile6.nc .....OK
Comparing RESTART/sfc_data.tile1.nc .....OK
Comparing RESTART/sfc_data.tile2.nc .....OK
Comparing RESTART/sfc_data.tile3.nc .....OK
Comparing RESTART/sfc_data.tile4.nc .....OK
Comparing RESTART/sfc_data.tile5.nc .....OK
Comparing RESTART/sfc_data.tile6.nc .....OK
Comparing atmf024.nc .....OK
Comparing sfcf024.nc .....OK
```

```
The total amount of wall time           = 340.108931
The maximum resident set size (KB)     = 807392
```

Test rst 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/coupler.res .....OK
Moving RESTART/fv_core.res.nc .....OK

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

The total amount of wall time = 663.060806

The maximum resident set size (KB) = 1428292

Test std\_base control\_p8 PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 00h:19m:56s. 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 891323241146
Untagged: ci-test-weather:latest
Deleted: sha256:891323241146262499986352ce10cc9136344042846ba1860ab56348a777c272
Deleted: sha256:4310076a5ee15bba4b48591163c3d499c399aa3ac6f1e20df8d96dd2555beb07
Deleted: sha256:fe9cf410a3fe967a82e0cda94dda9e10c2be81fee3819097d50a279e331367ee
Deleted: sha256:26e923c3893556440707b40dc83e578cb7dceed487d3d5357dd90fe07c2721ce
Deleted: sha256:e1213d22592c2e85a57af02eddc021ed632a9baf9cafeac68f2fad87053c9acc
Deleted: sha256:bb4cf4e64d348ae8245ff8d33d296cc4a99b659a62c5a19b41d69d2500013b59
Deleted: sha256:0249ad213c25f59cc7d562bf1acbdad53d8d9dc28f3ff8a714be6bb00e5597b9
Deleted: sha256:9b9112796801cc3a5ac64bd1b15df4d921b82323801f2b52d395b2f2f81846c0
Deleted: sha256:c7cf430d6a725040685d6f9d53eb9a99de7a09c1fccd862c0f968b36a8232200
Deleted: sha256:c955caa743c5d94a492ef9f07a4ded7ddbea9895c1f37ab39e7382d93a23cbc8
Deleted: sha256:23616fe739a0de54b38f29ec2e122073a96a0ab9fdf034e30899b938636b6b02
Deleted: sha256:609f122b1640b8da671c71ac805f642a9f1332ef42b637437a4b63bf0c331dbe
Deleted: sha256:62f10e014bc2c81a81b429e731b36f722498c188caee7715dfd7a0f85c1c6557
Deleted: sha256:90554a5a1a6126f6406f456a0f3e05b2db6ed832185e10b6efa4bd7b4682d86a
Deleted: sha256:4feeaab3a5bc2d7adcbfccdf8465283aede3da86265edd6ea200fa2c42611e08
Deleted: sha256:32db8a5d830b4e6b27c72cc79cbdd075f7f1a8ce0adbffde95e1a300e217ede9
++ 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:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4ffff75e77033e
Deleted: sha256:0130cb63d59064b5287f4f6638c598add5452f44bf36f0be6ed076a72a3d4c
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5
Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfa30aef5a6d99aea3fe74d8cc69d4e7bf2
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
Deleted: sha256:ccdbb80308cc5ef43b605ac28fac29c6a597f89f5a169bbedbb8dec29c987439
[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 :                   258
sum num_post_afld :                    477
in readxml, aft read flat file.xml,num_post_afld=          258
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:                       258
datset is: PRSLEV
MXFLD is:                               1200
size of lvl$xml:                        238500
size of post_avblflds param             258
in readxml. nfld=                       258 nrecout=        1078
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
PROCESS done
Size of pset is:          219
datset is: NATLEV
MXFLD is:                1200
size of lvlxml:          238500
size of post_avblflds param      219
in readxml. nfld=        219 nrecout=      1569
PROCESS starts
PROCESS MDLFLD done
'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 :            258
sum num_post_afld :            477
in readxml, aft read flat file.xml,num_post_afld=      258
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          258
datset is: PRSLEV
MXFLD is:                1200
size of lvlxml:          238500
size of post_avblflds param      258
in readxml. nfld=        258 nrecout=      1078
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done

```

```

PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000

numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
Size of pset is:      219
datset is: NATLEV
MXFLD is:      1200
size of lvlxml:      238500
size of post_avblflds param      219
in readxml. nfld=      219 nrecout=      1569
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000
numr,dyval,DY_m=      0      3000000  333600.000

```

```

PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done

MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS 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
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
PROCESS done
'thr'] 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 :      197
sum num_post_afld :      309
in readxml, aft read flat file.xml,num_post_afld=      197
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      197
datset is: GFSPRS

```

```
MXFLD is:          1200
size of lvlxml:    154500
size of post_avblflds param      197
in readxml. nfld=      197 nrecout=      1095
```

```
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
PROCESS done
```

```
Size of pset is:      112
dataset is: GFSFLX
MXFLD is:          1200
size of lvlxml:    154500
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
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
```

```
'dbg'] 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_dbg_base  
working dir =  
  
/home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/cpld_control_nowave_noaero_p8_dbg_  
base  
Checking test dbg_base cpld_control_nowave_noaero_p8 results ....  
Moving baseline dbg_base cpld_control_nowave_noaero_p8 files ....  
Moving sfcf003.tile1.nc .....OK  
Moving sfcf003.tile2.nc .....OK  
Moving sfcf003.tile3.nc .....OK  
Moving sfcf003.tile4.nc .....OK  
Moving sfcf003.tile5.nc .....OK  
Moving sfcf003.tile6.nc .....OK  
Moving atmf003.tile1.nc .....OK  
Moving atmf003.tile2.nc .....OK  
Moving atmf003.tile3.nc .....OK  
Moving atmf003.tile4.nc .....OK  
Moving atmf003.tile5.nc .....OK  
Moving atmf003.tile6.nc .....OK  
Moving RESTART/coupler.res .....OK  
Moving RESTART/fv_core.res.nc .....OK  
Moving RESTART/fv_core.res.tile1.nc .....OK  
Moving RESTART/fv_core.res.tile2.nc .....OK  
Moving RESTART/fv_core.res.tile3.nc .....OK  
Moving RESTART/fv_core.res.tile4.nc .....OK  
Moving RESTART/fv_core.res.tile5.nc .....OK  
Moving RESTART/fv_core.res.tile6.nc .....OK  
Moving RESTART/fv_srf_wnd.res.tile1.nc .....OK  
Moving RESTART/fv_srf_wnd.res.tile2.nc .....OK  
Moving RESTART/fv_srf_wnd.res.tile3.nc .....OK  
Moving RESTART/fv_srf_wnd.res.tile4.nc .....OK  
Moving RESTART/fv_srf_wnd.res.tile5.nc .....OK  
Moving RESTART/fv_srf_wnd.res.tile6.nc .....OK  
Moving RESTART/fv_tracer.res.tile1.nc .....OK  
Moving RESTART/fv_tracer.res.tile2.nc .....OK  
Moving RESTART/fv_tracer.res.tile3.nc .....OK  
Moving RESTART/fv_tracer.res.tile4.nc .....OK  
Moving RESTART/fv_tracer.res.tile5.nc .....OK  
Moving RESTART/fv_tracer.res.tile6.nc .....OK  
Moving RESTART/phy_data.tile1.nc .....OK  
Moving RESTART/phy_data.tile2.nc .....OK  
Moving RESTART/phy_data.tile3.nc .....OK  
Moving RESTART/phy_data.tile4.nc .....OK
```

```

Moving RESTART/phy_data.tile5.nc .....OK
Moving RESTART/phy_data.tile6.nc .....OK
Moving RESTART/sfc_data.tile1.nc .....OK
Moving RESTART/sfc_data.tile2.nc .....OK

Moving RESTART/sfc_data.tile3.nc .....OK
Moving RESTART/sfc_data.tile4.nc .....OK
Moving RESTART/sfc_data.tile5.nc .....OK
Moving RESTART/sfc_data.tile6.nc .....OK
Moving RESTART/MOM.res.nc .....OK
Moving RESTART/iced.2021-03-22-32400.nc .....OK
Moving RESTART/ufs.cpld.cpl.r.2021-03-22-32400.nc .....OK

```

```

The total amount of wall time           = 1332.891628
The maximum resident set size (KB)     = 1959672

```

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

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 00h:23m:54s. Have a nice day!

opnReqTest finished

```

'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 :             197
sum num_post_afld :             309
in readxml, aft read flat file.xml,num_post_afld=          197
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:           197
datset is: GFSPRS
MXFLD is:           1200
size of lvlxml:           154500
size of post_avblflds param           197
in readxml. nfld=           197 nrecout=           1095
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
PROCESS done
Size of pset is:          112
datset is: GFSFLX
MXFLD is:                1200
size of lvlxml:          154500
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
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
'thr'] 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 :            197
sum num_post_afld :            309
in readxml, aft read flat file.xml,num_post_afld=            197
in readxml, aft read flat file.xml,num_pset=                  2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:                1200
size of lvlxml:          154500
size of post_avblflds param      197
in readxml. nfld=        197 nrecout=      1095

```



```
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
PROCESS done
Size of pset is:          112
dataset is: GFSFLX
MXFLD is:                1200
size of lvlxml:          154500
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
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
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_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/coupler.res .....OK
Moving RESTART/fv_core.res.nc .....OK
Moving RESTART/fv_core.res.tile1.nc .....OK
Moving RESTART/fv_core.res.tile2.nc .....OK
Moving RESTART/fv_core.res.tile3.nc .....OK
Moving RESTART/fv_core.res.tile4.nc .....OK
Moving RESTART/fv_core.res.tile5.nc .....OK
Moving RESTART/fv_core.res.tile6.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile1.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile2.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile3.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile4.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile5.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile6.nc .....OK
Moving RESTART/fv_tracer.res.tile1.nc .....OK
Moving RESTART/fv_tracer.res.tile2.nc .....OK
Moving RESTART/fv_tracer.res.tile3.nc .....OK
Moving RESTART/fv_tracer.res.tile4.nc .....OK
Moving RESTART/fv_tracer.res.tile5.nc .....OK
Moving RESTART/fv_tracer.res.tile6.nc .....OK
Moving RESTART/phy_data.tile1.nc .....OK
Moving RESTART/phy_data.tile2.nc .....OK
Moving RESTART/phy_data.tile3.nc .....OK
Moving RESTART/phy_data.tile4.nc .....OK
Moving RESTART/phy_data.tile5.nc .....OK
Moving RESTART/phy_data.tile6.nc .....OK
Moving RESTART/sfc_data.tile1.nc .....OK
Moving RESTART/sfc_data.tile2.nc .....OK
Moving RESTART/sfc_data.tile3.nc .....OK
Moving RESTART/sfc_data.tile4.nc .....OK
Moving RESTART/sfc_data.tile5.nc .....OK
```

Moving RESTART/sfc\_data.tile6.nc .....OK

The total amount of wall time = 662.796800

The maximum resident set size (KB) = 1434152

Test std\_base 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\_thr

Checking test thr 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/coupler.res .....OK

Comparing RESTART/fv\_core.res.nc .....SKIP for gnu compilers

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Comparing RESTART/phy\_data.tile1.nc .....OK

```
Comparing RESTART/phy_data.tile2.nc .....OK
Comparing RESTART/phy_data.tile3.nc .....OK
Comparing RESTART/phy_data.tile4.nc .....OK
Comparing RESTART/phy_data.tile5.nc .....OK

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

```
The total amount of wall time           = 917.132194
The maximum resident set size (KB)     = 1711648
```

```
Test thr control_p8 PASS
```

```
OPERATION REQUIREMENT TEST WAS SUCCESSFUL
Elapsed time: 00h:29m:28s. Have a nice day!
```

```
opnReqTest finished
```

```
[Pipeline] }
```

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

```
Post stage
```

```
[Pipeline] sh
```

```
[Pipeline] }
```

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

```
Post stage
```

```
[Pipeline] sh
```

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

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

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

```
+ docker rmi -f 07bc2adc3941
```

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

```
Deleted: sha256:07bc2adc3941ceaaff17ea5cdca1b95f3538161e2cb5d54afc4fb721e96d1cab
```

```
Deleted: sha256:018bfe4be9c5acb728957f09fcb5350248cfc0950bf0a381de2dcf6ed3b7768a
```

```
Deleted: sha256:514cf01ab75fb8d3c212fa8239094e7290323d594cbea92a6fca8de2d29f047b
```

```
Deleted: sha256:c2d8e6b2a6b4f74aa221609f92a84d0aae79ee7e79b3b72cab84944166336789
```

```
Deleted: sha256:c91195c067ceda94784153a25722715c91c05f8577cadd3336cdc5aa951da189
```

```
Deleted: sha256:f3984b6e9f8644137029fbb006ea240af2a951fe01eef586020989c039ff8037
```

```
Deleted: sha256:1af6e0f667aef7ed6d3dd271f2daf3e8e8fa10a37b11ba1ecc9dd0e6042a13d5
```

```
Deleted: sha256:583cfd2c2de2e5f3a7f7ab70ce72d67673a88beb9d6b55e49ff618898294a6c1
```

```
Deleted: sha256:139389702a9a1d21ea56aa708ef0404b98de2b4dbdb63f4dbaf7e31373d87dae
```

```
Deleted: sha256:f20e270c73f82cf9c4abbcf46ffb27eb6b4ed7b640f0437d57422a1a25489f28
```

```
Deleted: sha256:c4fb5f74c74284b083ae61c0347ff20fc391cd70c3a71aa57b194ceda1717fb0
```

```
Deleted: sha256:a541f3d8184c3886a973c10eba706d563635a8e7f700b4a9fbdd683d90b88409
Deleted: sha256:1c5ed635ea093c453aa46def78f2121ef3403da83083eb180f40858c4d3c2fd6
Deleted: sha256:050cb8abda75a33b3d96c9fc1022f1048c57ef7f56ae66dc2be0c27d5b5f8e75
Deleted: sha256:b71e04ccebdf511d5b3bb8af4e7730f16d625121852a5a08db3defb751cf6220

Deleted: sha256:45e0571b7683416557fa7d74d551c79d48e9103fd225cb67ce57e6e5302b895e
++ 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: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaab30aef5a6d99aea3fe74d8cc69d4e7b7f2
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
Deleted: sha256:ccd8b0308cc5ef43b605ac28fac29c6a597f89f5a169bbedbb8dec29c987439
'dbg'] ++ docker image ls
++ grep -E -m1 ci-test-weather
++ awk '{ print $3 }'
+ docker rmi -f 4aa105cdfab7
Untagged: ci-test-weather:latest
Deleted: sha256:4aa105cdfab7190cb14e68a54850e817e7ff4f1d8bf1f1cb3962091f3b21c1d3
Deleted: sha256:122148da2881f2315bab2bf1a63c45e4668cf5242aa5160baa521ef74eea72a7
Deleted: sha256:3d2d2d510331e34e560de46210dc476fa4837fd4c83b6ef4c0cc765ad6380869
Deleted: sha256:6196b9b27811d4d64e35d636fa43cac2f0dc272a1a69c750e3523f9a290bbd1a
Deleted: sha256:243aaf26a10a66ba5c5919c7b20b36677d4afd76af4c3ea81dade4161edfed36
Deleted: sha256:5ef34704dcae273279dc4f0cb7d30b667b2784622d099e1ac4b43d7ba0fa3184
Deleted: sha256:e3d584684ad045e00d20dd12dfc1b1b02166552ab06ccc1288ec4b944627fbee
Deleted: sha256:cb14e08308b6e325ba91df75c3b09bfa481416a706b089f268a34e677aa3a89b
Deleted: sha256:6c06827173bb26cad8c15631805c371e50c33b32d6c99b6349fc47918ec91bfe
Deleted: sha256:b6bdfa3d8d94bde28caa1e89c3860e791e6eb29efdcf2b35080d7eaea19e9824
Deleted: sha256:85e8ea80ab75fa4a7a007803e6d9baf2492aa564abd0c62cae7ac96b3380c775
Deleted: sha256:eb012a91f09550215f9e2ccffdf9086e5213df8207fe7c5eb5f28621bfded3f5
Deleted: sha256:0aa6e009e9158b3845377dcaaeae40a663a59a4ab326f6c2329de5f91814124f
Deleted: sha256:dfb976276b8dde26023ce51fb748c741bf9570ab6588178061386b905f1c7f45
Deleted: sha256:a2d6f510be15d1be4a33ce7ed3058a70306df66139e3d8981964dce19ed84f0e
Deleted: sha256:b173b3590f74322c0a19586b554a45d2944edf017952b85b6acaac953f07036d
```

```

++ docker image ls
++ grep -E -m1 noaaepic
++ awk '{ print $3 }'
+ docker rmi -f 1920f81f6556

[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
'dbg'] 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:cdbb80308cc5ef43b605ac28fac29c6a597f89f5a169bbbedbb8dec29c987439
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
'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 :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=          197

```

in readxml, aft read flat file.xml,num\_pset= 2

Size of pset is: 197

datset is: GFSPRS

MXFLD is: 1200

size of lvlxml: 154500

size of post\_avblflds param 197

in readxml. nfld= 197 nrecout= 1095

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

PROCESS done

Size of pset is: 112

datset is: GFSFLX

MXFLD is: 1200

size of lvlxml: 154500

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

PROCESS MISCLN done

PROCESS MDL2STD\_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD\_WCLOUD done

```

PROCESS done
'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 :          197
sum num_post_afld :          309
in readxml, aft read flat file.xml,num_post_afld=      197
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          197
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          154500
size of post_avblflds param      197
in readxml. nfld=          197 nrecout=          1095
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
PROCESS done
Size of pset is:          112
datset is: GFSFLX
MXFLD is:          1200
size of lvlxml:          154500
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  
PROCESS MISCLN done  
PROCESS MDL2STD\_P done

PROCESS FIXED done  
MDL2THANDPV starts  
MDL2THANDPV ends  
PROCESS MDL2THANDPV done  
PROCESS CALRAD\_WCLOUD done  
PROCESS done

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/coupler.res .....OK  
Comparing RESTART/fv\_core.res.nc .....SKIP for gnu compilers  
Comparing RESTART/fv\_core.res.tile1.nc .....OK  
Comparing RESTART/fv\_core.res.tile2.nc .....OK  
Comparing RESTART/fv\_core.res.tile3.nc .....OK  
Comparing RESTART/fv\_core.res.tile4.nc .....OK  
Comparing RESTART/fv\_core.res.tile5.nc .....OK  
Comparing RESTART/fv\_core.res.tile6.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile1.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile2.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile3.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile4.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile5.nc .....OK  
Comparing RESTART/fv\_srf\_wnd.res.tile6.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile1.nc .....OK  
Comparing RESTART/fv\_tracer.res.tile2.nc .....OK

```
Comparing RESTART/fv_tracer.res.tile3.nc .....OK
Comparing RESTART/fv_tracer.res.tile4.nc .....OK
Comparing RESTART/fv_tracer.res.tile5.nc .....OK
Comparing RESTART/fv_tracer.res.tile6.nc .....OK

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

```
The total amount of wall time           = 665.534585
The maximum resident set size (KB)     = 1438916
```

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/coupler.res .....OK
Moving RESTART/fv_core.res.nc .....OK
Moving RESTART/fv_core.res.tile1.nc .....OK
Moving RESTART/fv_core.res.tile2.nc .....OK
Moving RESTART/fv_core.res.tile3.nc .....OK
```

```

Moving RESTART/fv_core.res.tile4.nc .....OK
Moving RESTART/fv_core.res.tile5.nc .....OK
Moving RESTART/fv_core.res.tile6.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile1.nc .....OK

Moving RESTART/fv_srf_wnd.res.tile2.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile3.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile4.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile5.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile6.nc .....OK

Moving RESTART/fv_tracer.res.tile1.nc .....OK
Moving RESTART/fv_tracer.res.tile2.nc .....OK
Moving RESTART/fv_tracer.res.tile3.nc .....OK
Moving RESTART/fv_tracer.res.tile4.nc .....OK
Moving RESTART/fv_tracer.res.tile5.nc .....OK
Moving RESTART/fv_tracer.res.tile6.nc .....OK

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

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

```

```

The total amount of wall time           = 667.184848
The maximum resident set size (KB)     = 1433464

```

Test std\_base control\_p8 PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL  
Elapsed time: 00h:25m:24s. Have a nice day!

opnReqTest finished

```

'dcp'] reset of fraction_interval w      5  21600.0000
       reset of fraction_interval w      5  21600.0000
       reset of fraction_interval u      5  21600.00[Pipeline] }
'dcp'] 00
       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 :            258
sum num_post_afld :           477
in readxml, aft read flat file.xml,num_post_afld=          258
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:          258
datset is: PRSLEV
MXFLD is:          1200
size of lvlxml:          238500
size of post_avblflds param          258
in readxml. nfld=          258 nrecout=          1078
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
PROCESS done
Size of pset is:          219
datset is: NATLEV
MXFLD is:          1200
size of lvlxml:          238500

```

```

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

```

```

baseline dir =
/home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/regional_control_std_base
working dir =
/home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/regional_control_dcp
Checking test dcp regional_control results ....
Comparing dynf000.nc .....OK
Comparing dynf006.nc .....OK
Comparing phyf000.nc .....OK
Comparing phyf006.nc .....OK
Comparing PRSLEV.GrbF00 .....OK
Comparing PRSLEV.GrbF06 .....OK
Comparing NATLEV.GrbF00 .....OK
Comparing NATLEV.GrbF06 .....OK

```

```
The total amount of wall time           = 759.333133
The maximum resident set size (KB)      = 638872
```

Test dcp regional\_control PASS

```
baseline dir =
/home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/regional_control_std_base
working dir =
/home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/regional_control_std_base
Checking test std_base regional_control results ....
Moving baseline std_base regional_control files ....
  Moving dynf000.nc .....OK
  Moving dynf006.nc .....OK
  Moving phyf000.nc .....OK
  Moving phyf006.nc .....OK
  Moving PRSLEV.GrbF00 .....OK
  Moving PRSLEV.GrbF06 .....OK
  Moving NATLEV.GrbF00 .....OK
  Moving NATLEV.GrbF06 .....OK
```

```
The total amount of wall time           = 547.393108
The maximum resident set size (KB)      = 606000
```

Test std\_base regional\_control PASS

[Pipeline] // stage

Post stage

[Pipeline] sh

```
'dcp'] OPERATION REQUIREMENT TEST WAS SUCCESSFUL
Elapsed time: 00h:24m:57s. Have a nice day!
opnReqTest finished
```

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

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

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

```
+ docker rmi -f a8cb222077e7
```

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

```
Deleted: sha256:a8cb222077e78ff72ee36dbce79d01acf101fa3fed560a13eafb99fea9dfe81
```

```
Deleted: sha256:74a436de13146a968fcc0648b2d810dfc8b604e417c0c789b5ac1b3305ada6c6
```

```
Deleted: sha256:e8b988f2d79330859c9dfe0fbf010d09f3de09f380208f8b528489d3f4111047
```

```
Deleted: sha256:c6b0c149668fe69b52a230d2e5bcfebbd1115ba790b57983fb9046deec21953a
```

```
Deleted: sha256:7dec6fded664fd803242fc64f98fbf6fcedc812ccac8c5318a0377ca2f4c34a
```

```
Deleted: sha256:65c31389f4167736a3ea7bba483894541d47a2d47f4c45b1442a615b1ee253f0
```

```
Deleted: sha256:c24a55662afc22feb9eaa2fea4e918a08d7d5ecacb9d0744a605f91951851245
Deleted: sha256:06571256b7a4e6feb411db1c387d52ffbcacbc5c95fe72b16bd58cddebbb167a
Deleted: sha256:32e8122f156cd70f38896b6267289bd1d41e0c974f7ddc8adcdfa217d6bd4f38
Deleted: sha256:dc9ffbd4e91e00565d959d6b507e41fe759e43694c195f4220a61997b6f247f1
```

```
Deleted: sha256:3ea4c3e65f01c7f8886de47b634c3aaed214c1fb5844ed49a3f97a4d0eaded1f
Deleted: sha256:26369e5369da793092b10173128ad4f9b45784c000c90acb33fa745c96353eba
Deleted: sha256:a1fb5a4b3928e71c90fa290a6e3cf47bc236dabf7be4618ef153d1565d9b9674
Deleted: sha256:3241d0135e74f9846a172dd656cbace7cdd277e14fc7c56dd6b729edefd69d9d
Deleted: sha256:3d155ae222d05f061fb09ac3980c40e2b58ae255a67241358fa6633b5d641756
Deleted: sha256:0bfb1dbc1ccd10cec683ceed2108ccb8b6d199fb147f5e09c88ce77fc7e46a8c
```

```
++ docker image ls
```

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

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

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

```
[Pipeline] }
```

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

```
Post stage
```

```
'dcp'] 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: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaab30aef5a6d99aea3fe74d8cc69d4e7b7f2
```

```
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
```

```
Deleted: sha256:ccdbb80308cc5ef43b605ac28fac29c6a597f89f5a169bbedbb8dec29c987439
```

```
[Pipeline] sh
```

```
[Pipeline] }
```

```
[Pipeline] // withEnv
```

```
[Pipeline] }
```

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

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

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

```
+ docker rmi -f dca65a8efe1b
```

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

```
Deleted: sha256:dca65a8efe1bde31f0febce6ec882c6aa7d32f5c53f21bb9c158cce7ee088cd0
```

```
Deleted: sha256:2335ea3120361977c285dc574334056ecc4b8a89f69f90a069b8fbc673320ae6
```

```
Deleted: sha256:9eadc4abdc2e455238d10208adf5e0465070d2b20d54fed7fe2ab2ad6670b7af
```

```
Deleted: sha256:c2fc62df3935b2c92fdccc69602ba9d79621d4ee0cea0216b80abdb32bb100c2
```

```
Deleted: sha256:7a0717f16146dfd79218baa33783a4715cbc01bda8d5d775adda6e439aed4300
Deleted: sha256:62fb2a136fc4abbfe20fa81abd04a589c26d28901c12fb907a6626b8b06e6f57
Deleted: sha256:86c816063999d9044dfd2b790c5c7357b0f3f3d02b649fbc14790ef46f5b2b12
Deleted: sha256:5eca77f32e17d529090282b4773beae5dc061ba39a9940005a65a0a4cbaeda4a

Deleted: sha256:09ffab64b1624b61de5556aee7c5b71f7dee72d1af534b0eaa6b63a1a465709d
Deleted: sha256:99780d768145d323435756a469c6d8a0c4ee2cd4da686de5edab26e47401e282
Deleted: sha256:80eae694eb739041ed18eda60126c3dbb1c0842796fa3bd332d0b7a468010a5e
Deleted: sha256:1e22dbc30227e4f96d480e538de85fa1dda1e3546812af1169a178405eed0332
Deleted: sha256:aa8d892d95d64cfb9353c69414c93a7c394a15bbddf6906552e3847f5a0cbc21
Deleted: sha256:0976fbd70ab59e237f75acdb3e00669d190d33a74f3ac97f74a7bbaeff303733
Deleted: sha256:5440250bab351ae11e16e4eece71eb9024338f527bb9965fa22c5672d30c2252
Deleted: sha256:0f0aefc5e4b99a5636ca021fa9869ffd7a1fbbef761535bb7e10ca6110b386dd
++ docker image ls
++ grep -E -m1 noaaepic
++ awk '{ print $3 }'
+ docker rmi -f 1920f81f6556
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
```

```
'dcp'] 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  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 :          258
sum num_post_afld :          477
in readxml, aft read flat file.xml,num_post_afld=      258
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          258
datset is: PRSLEV
MXFLD is:          1200
size of lvlxml:          238500
size of post_avblflds param          258
in readxml. nfld=          258 nrecout=          1078
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts

```

```

MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done

Size of pset is:          219
dataset is: NATLEV
MXFLD is:                1200
size of lvlxml:          238500
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
PROCESS done

```

```

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 = 535.745964

The maximum resident set size (KB) = 602684

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 = 808.501615

The maximum resident set size (KB) = 652632

Test thr regional\_control PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 00h:25m:32s. 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 3776e0a3e5d9  
Untagged: ci-test-weather:latest  
Deleted: sha256:3776e0a3e5d9e8e79b5d25b07e87f0cd9f8b97a5411b08d572a44abe4b8a6b69  
  
Deleted: sha256:f093f66c824005d4949efa60c0ce3966d1fb7bf1f7e33adae3d3900e30029a7e  
Deleted: sha256:232416717d529cf5ac0c00f9a08156c92cf9505b4ccb878f679435061e84a2  
Deleted: sha256:d03f9c3dbf16bc521cf97fb193da6042e8577d61319fb5fba31f454b01cdd966  
Deleted: sha256:60d6051860284a767c428d3e9a430293df7ad54aac4ec4189359da8ce1c6023a  
Deleted: sha256:c5e5c30f3b5aa9644ab1aab1cc0164e0b46691a047909d3314d460f2b0b71495  
Deleted: sha256:45de9a4c482d70ff8d5dae243cfacd1f447374ce25ceec7d3da4438c88c89024  
Deleted: sha256:c24e8bdeefb9d40dcdabff2250c60a81790c611452e4d8349abc373c3e8d62b  
Deleted: sha256:effd8a2a9bc54cd8b8a2fc49fb33f8d8d8f242ed9a0e247cf76dff6c82692888  
Deleted: sha256:411be1cafc71025cc2590eb9bf4f819921dffa89bd7ec37afa1c6f7f63e48c01  
Deleted: sha256:04adf8c9e41f3a55b5998db961f929e75d8349d38ea71108bf22f6c65020e351  
Deleted: sha256:cbf34e3e00fec7f5fbfa7645e35aa04176f3f8d92d6bc6a09a0fe4f5f7aff8b1  
Deleted: sha256:c5966013e4910e66178cf46335290ac98ffb697b89ef32ec9779150559a8722f  
Deleted: sha256:8bf40c4b7240658fdef2c267c50043e6149ddec7f7f357e78eaa7743d2032d11  
Deleted: sha256:9ef514ff67be68b80cca701158e552e0f99a70a3cf0ee0f46070dcaa837d85e1  
Deleted: sha256:b2dc27c735ae501b5699dc9dfc3fdced01c3e236d213e25d120704fed7d42a77  
++ 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:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4ffff75e77033e  
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] }
'mpi' 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 :          197
      sum num_post_afld :          309
      in readxml, aft read flat file.xml,num_post_afld=          197
      in readxml, aft read flat file.xml,num_pset=          2
      Size of pset is:          197
      datset is: GFSPRS
      MXFLD is:          1200
      size of lvl$xml:          154500
      size of post_avblflds param          197
      in readxml. nfld=          197 nrecout=          1095
      PROCESS starts
      PROCESS MDLFLD done
      PROCESS MDL2P done
      PROCESS MDL2SIGMA done
      PROCESS MDL2SIGMA2 done
      PROCESS MDL2AGL done
      PROCESS SURFCE done
      PROCESS CLDRAD done
      PROCESS MISCLN done
      PROCESS MDL2STD_P done
      PROCESS FIXED done
      MDL2THANDPV starts
      MDL2THANDPV ends
      PROCESS MDL2THANDPV done
      PROCESS CALRAD_WCLOUD done
      PROCESS done
      Size of pset is:          112
      datset is: GFSFLX
      MXFLD is:          1200
      size of lvl$xml:          154500
      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
PROCESS MISCLN done

PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
PROCESS done
```

```
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/coupler.res .....OK
Comparing RESTART/fv_core.res.nc .....SKIP for gnu compilers
Comparing RESTART/fv_core.res.tile1.nc .....OK
Comparing RESTART/fv_core.res.tile2.nc .....OK
Comparing RESTART/fv_core.res.tile3.nc .....OK
Comparing RESTART/fv_core.res.tile4.nc .....OK
Comparing RESTART/fv_core.res.tile5.nc .....OK
Comparing RESTART/fv_core.res.tile6.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile1.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile2.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile3.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile4.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile5.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile6.nc .....OK
Comparing RESTART/fv_tracer.res.tile1.nc .....OK
```

```
Comparing RESTART/fv_tracer.res.tile2.nc .....OK
Comparing RESTART/fv_tracer.res.tile3.nc .....OK
Comparing RESTART/fv_tracer.res.tile4.nc .....OK
Comparing RESTART/fv_tracer.res.tile5.nc .....OK

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

```
The total amount of wall time           = 1049.651616
The maximum resident set size (KB)     = 1575584
```

```
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/coupler.res .....OK
Moving RESTART/fv_core.res.nc .....OK
Moving RESTART/fv_core.res.tile1.nc .....OK
Moving RESTART/fv_core.res.tile2.nc .....OK
```

```
Moving RESTART/fv_core.res.tile3.nc .....OK
Moving RESTART/fv_core.res.tile4.nc .....OK
Moving RESTART/fv_core.res.tile5.nc .....OK
Moving RESTART/fv_core.res.tile6.nc .....OK

Moving RESTART/fv_srf_wnd.res.tile1.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile2.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile3.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile4.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile5.nc .....OK
Moving RESTART/fv_srf_wnd.res.tile6.nc .....OK

Moving RESTART/fv_tracer.res.tile1.nc .....OK
Moving RESTART/fv_tracer.res.tile2.nc .....OK
Moving RESTART/fv_tracer.res.tile3.nc .....OK
Moving RESTART/fv_tracer.res.tile4.nc .....OK
Moving RESTART/fv_tracer.res.tile5.nc .....OK
Moving RESTART/fv_tracer.res.tile6.nc .....OK

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

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

```
The total amount of wall time           = 728.248122
The maximum resident set size (KB)     = 1432164
```

Test std\_base control\_p8 PASS

```
OPERATION REQUIREMENT TEST WAS SUCCESSFUL
Elapsed time: 00h:32m:48s. 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 8f41a48b56e6
Untagged: ci-test-weather:latest
Deleted: sha256:8f41a48b56e6d69b93d73101849e2cb2557475b6a6b8cf8fb379eea83a339c24
Deleted: sha256:56b62b0becdd2047cf4e39472c27880fa2e4392acf45a600cf5470504b1aced4

Deleted: sha256:e5648b58647e67c94d4d2108c30d0b30286ae07d17d437ce28734d110b47d069
Deleted: sha256:0619862f0991e3a98b57b4b7f41e2264a5fcdbeff7e2ec014b737027c50e5e560
Deleted: sha256:d06f5ebdff834a46d96b2f2ea5eaf9aa278cf3a17c442d284fc4efbe1a5b0c69
Deleted: sha256:68a9f3c4767815c39778580857c23537bede2c2716ea41248967a3090db4bcd6
Deleted: sha256:0bfff6fe9cb59b7ce4c28b5f2ba7095edfffb2413eb758d6fc0ddc94410506ff8f
Deleted: sha256: fcd5049120a6e9c3d488b9cad055fae23254fa450fda2cf0c758d6021de81f6d
Deleted: sha256:0c11f7c82c4632b859e3a311650a71c30486c0661e4ba8cb043a1d985929d48e
Deleted: sha256:68250fc8e3a7fbce25d9c05882d985850af34ad5a6d571fe05c6eebc08f5f00f
Deleted: sha256:61a44837e30f6eaad4b1828f4436feb6341b4aba43b37ab65942c1c4383d4167
Deleted: sha256:d0d29c3a77139f3b949643e43990e85c8d4b16642acb2b3287b545a2d8a13ba3
Deleted: sha256:79ecbae5b12c8231000b2bcb24e9d08db8d5c7f7a9e8abb89a63263dec470d75
Deleted: sha256:8d08357a60b4fe75666312530c7007caed45c2fecf85c70b2919b87c1926b87b
Deleted: sha256:94b4774f261d1842f294ae383e21030b8cee889da8ed5b1c028dd437da50b309
Deleted: sha256:dd1d6f9f26b3cf282463628c75de1a26ba8317a5446b3fac426fc2d4d8465988
++ 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: sha256:0130cb63d59064b5287f4f6638c598addd5452f44bfb36f0be6ed076a72a3d4c
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] }
```

```
'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_INCUPTD_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

creating freezing of water drops table

... DONE microphysical lookup tables

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/MOM.res.nc .....OK

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

Comparing RESTART/fv\_core.res.nc .....SKIP for gnu compilers

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

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

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

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

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

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

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

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

```
Comparing RESTART/fv_srf_wnd.res.tile3.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile4.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile5.nc .....OK
Comparing RESTART/fv_srf_wnd.res.tile6.nc .....OK

Comparing RESTART/fv_tracer.res.tile1.nc .....OK
Comparing RESTART/fv_tracer.res.tile2.nc .....OK
Comparing RESTART/fv_tracer.res.tile3.nc .....OK
Comparing RESTART/fv_tracer.res.tile4.nc .....OK
Comparing RESTART/fv_tracer.res.tile5.nc .....OK
Comparing RESTART/fv_tracer.res.tile6.nc .....OK
Comparing RESTART/iced.2021-03-23-21600.nc .....OK
Comparing RESTART/phy_data.tile1.nc .....OK
Comparing RESTART/phy_data.tile2.nc .....OK
Comparing RESTART/phy_data.tile3.nc .....OK
Comparing RESTART/phy_data.tile4.nc .....OK
Comparing RESTART/phy_data.tile5.nc .....OK
Comparing RESTART/phy_data.tile6.nc .....OK
Comparing RESTART/sfc_data.tile1.nc .....OK
Comparing RESTART/sfc_data.tile2.nc .....OK
Comparing RESTART/sfc_data.tile3.nc .....OK
Comparing RESTART/sfc_data.tile4.nc .....OK
Comparing RESTART/sfc_data.tile5.nc .....OK
Comparing RESTART/sfc_data.tile6.nc .....OK
Comparing RESTART/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 = 731.029767

The maximum resident set size (KB) = 1445308

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/coupler.res .....OK  
Moving RESTART/fv_core.res.nc .....OK  
Moving RESTART/fv_core.res.tile1.nc .....OK  
Moving RESTART/fv_core.res.tile2.nc .....OK  
Moving RESTART/fv_core.res.tile3.nc .....OK  
Moving RESTART/fv_core.res.tile4.nc .....OK  
Moving RESTART/fv_core.res.tile5.nc .....OK  
Moving RESTART/fv_core.res.tile6.nc .....OK  
Moving RESTART/fv_srf_wnd.res.tile1.nc .....OK  
Moving RESTART/fv_srf_wnd.res.tile2.nc .....OK  
Moving RESTART/fv_srf_wnd.res.tile3.nc .....OK  
Moving RESTART/fv_srf_wnd.res.tile4.nc .....OK  
Moving RESTART/fv_srf_wnd.res.tile5.nc .....OK  
Moving RESTART/fv_srf_wnd.res.tile6.nc .....OK
```

```
Moving RESTART/fv_tracer.res.tile1.nc .....OK
Moving RESTART/fv_tracer.res.tile2.nc .....OK
Moving RESTART/fv_tracer.res.tile3.nc .....OK
Moving RESTART/fv_tracer.res.tile4.nc .....OK

Moving RESTART/fv_tracer.res.tile5.nc .....OK
Moving RESTART/fv_tracer.res.tile6.nc .....OK
Moving RESTART/phy_data.tile1.nc .....OK
Moving RESTART/phy_data.tile2.nc .....OK
Moving RESTART/phy_data.tile3.nc .....OK
Moving RESTART/phy_data.tile4.nc .....OK
Moving RESTART/phy_data.tile5.nc .....OK
Moving RESTART/phy_data.tile6.nc .....OK
Moving RESTART/sfc_data.tile1.nc .....OK
Moving RESTART/sfc_data.tile2.nc .....OK
Moving RESTART/sfc_data.tile3.nc .....OK
Moving RESTART/sfc_data.tile4.nc .....OK
Moving RESTART/sfc_data.tile5.nc .....OK
Moving RESTART/sfc_data.tile6.nc .....OK
Moving RESTART/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           = 1485.128734
The maximum resident set size (KB)      = 1951444
```

```
Test std_base cpld_control_nowave_noaero_p8 PASS
```

```
OPERATION REQUIREMENT TEST WAS SUCCESSFUL
```

```
Elapsed time: 00h:40m:42s. 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 776427e73176
```

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

```
Deleted: sha256:776427e731763fd9242b2488a1365a8f6da15e7aa6a1922fde1a7255f823fb1c
```

```
Deleted: sha256:03e45ed75770899b1141045bbaf85d83291269bc17a0d4e07aed8dfa8a3dff87
```

```
Deleted: sha256:371a053447d0b9363de8e20ed8fada0473440e8979ec2c3bbde182127c5d8c96
```

```
Deleted: sha256:b69d20398516329afa823c4f35868b68434b7ddac9191a1fa9c1e6587d670ad5
```

```
Deleted: sha256:05e1417be4e68a85f92608722c2099a8722bfa8eaa04cee4b35a45843d8b05
```

```
Deleted: sha256:7e0caa3898b2ad445e1349e30d3b32a74804a378113c937f12a992198eb91486
Deleted: sha256:f5e29141ca140c22fbfc632abda89437e219062eb836a3259c5f17ffdb32873b
Deleted: sha256:e91e8ac7c3693334fdd4eab2c4afeda90cbb8db62aba156f1afb77b57be6a6b2
Deleted: sha256:7678c45d3e0c90c2eb34b6f086486780295c786fc73f37482f006ae70c377732

Deleted: sha256:c7473bc56288f13dea65e83a15e6645e225914282a5999979b29f46ed8af7c1e
Deleted: sha256:9ef75c66b13527d7c532657f3aba58ddb37dde857ebc39644726a98dd2d6c5cc
Deleted: sha256:8dc4992773893413e3feaaa6ba2035730b81cb3ed1d596e2b6c891bfe5e34a66
Deleted: sha256:fd61f33a9f2ac1d36d010a46054eb1b14dfe17f4f8c07fd1fbde9a00de48ae2b
Deleted: sha256:e3abe3886a5765a08299c2c4650ae3d1f3d8dfd53c9d5b84262786cae8a28b7e
Deleted: sha256:3248a8a49a518b2bc2eb2b5b60842005a1d5797003116c1ebcc688b8f4dfc80c
Deleted: sha256:82cdae3eb8d02e6115cf4d2b54719aef56be7df5dcd61021c17b8475475c54fa
++ 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:d62a59fb641ccac293f6efe114a11d6b94238b8f8254516bf9f4ffff75e77033e
Deleted: sha256:0130cb63d59064b5287f4f6638c598add5452f44bfb36f0be6ed076a72a3d4c
Deleted: sha256:99cb320efbde2e6ae4b21e9a5c378c5809bf62934f267b2089951ec8e6b72e63
Deleted: sha256:a3bedca2c8f09e4c2f51767170225f1252e46377b4ca9fa741e27fd90e2409f5
Deleted: sha256:3dd8c8d4fd5b59d543c8f75a67cdfaab30aef5a6d99aea3fe74d8cc69d4e7bf2
Deleted: sha256:8d8dceacec7085abcab1f93ac1128765bc6cf0caac334c821e01546bd96eb741
Deleted: sha256:ccdbb80308cc5ef43b605ac28fac29c6a597f89f5a169bbbedbb8dec29c987439
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[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