





Dashboard ufs-weather-model ort-docker-pipeline Pull Requests (12) PR-1692 #1


 Status

 Changes

 Console Output

 View as plain text

 Edit Build Information

 Git Build Data

 Open Blue Ocean

 Restart from Stage

 Rebuild

 Pipeline Steps

 Workspaces

Console Output

Branch indexing

17:27:30 Connecting to <https://api.github.com> using epic-cicd-jenkins/***** (GitHub account for Jenkins)

Obtained tests/ci/Jenkinsfile from

629c3ee8ebfcf0644f0aeef5e66585f199860745+20e21f6d1e2a3e48ea06727529717ec3c4c7a9e8
(fd818ffeea87e1e64262fd8e21189ec8d0ea74cc)

[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 = 'cpld_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 = 'cpld_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 = 'cpld_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 = 'cpld_control_nowave_noaero_p8', TEST_CASE = 'dbg')

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



```
'bit'] [WS-CLEANUP] Deleting project workspace...
        [WS-CLEANUP] Deferred wipeout is used...
'bit'] [WS-CLEANUP] done
        [Pipeline] cleanWs
'thr'] [WS-CLEANUP] Deleting project workspace...
        [WS-CLEANUP] Deferred wipeout is used...
        [Pipeline] cleanWs
'thr'] [WS-CLEANUP] done
'dbg'] [WS-CLEANUP] Deleting project workspace...
        [WS-CLEANUP] Deferred wipeout is used...
'dbg'] [WS-CLEANUP] done
        [Pipeline] cleanWs
'rst'] [WS-CLEANUP] Deleting project workspace...
        [WS-CLEANUP] Deferred wipeout is used...
        [WS-CLEANUP] done
        [Pipeline] cleanWs
'dcp'] [WS-CLEANUP] Deleting project workspace...
        [WS-CLEANUP] Deferred wipeout is used...
        [WS-CLEANUP] done
        [Pipeline] checkout
        [Pipeline] checkout
'dcp'] The recommended git tool is: /usr/local/git-2.38.0/bin/git
'dbg'] 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
        [Pipeline] checkout
'thr'] The recommended git tool is: /usr/local/git-2.38.0/bin/git
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        [Pipeline] checkout
'dbg'] 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
        [Pipeline] checkout
'dcp'] The recommended git tool is: /usr/local/git-2.38.0/bin/git
'rst'] using credential GitHubJenkins
'thr'] using credential GitHubJenkins
'dbg'] using credential GitHubJenkins
'rst'] using credential GitHubJenkins
'mpi'] using credential GitHubJenkins
```

```
'dsp'] Cloning the remote Git repository using credential GitHubJenkins
'thr'] using credential GitHubJenkins
'rst']
'bit'] using credential GitHubJenkins
'rst'] Cloning the remote Git repository
        Cloning with configured refsspecs honoured and without tags
'dsp'] Cloning with configured refsspecs honoured and using credential GitHubJenkins
'dbg'] Cloning the remote Git repository
        Cloning with configured refsspecs honoured and without tags
'dbg'] using credential GitHubJenkins
'rst'] without tags
'thr'] Cloning the remote Git repository
        Cloning with configured refsspecs honoured and without tags
'dbg'] Cloning the remote Git repository
        Cloning with configured refsspecs honoured and without tags
'dcp'] Cloning the remote Git repository
        Cloning with configured refsspecs honoured and without tags
'bit'] Cloning the remote Git repository
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'thr'] Cloning the remote Git repository
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'dcp'] Cloning the remote Git repository
        Cloning with configured refsspecs honoured and without tags
'mpi'] Cloning the remote Git repository
        Cloning with configured refsspecs honoured and without tags
        Cloning repository https://github.com/ufs-community/ufs-weather-model.git
        > /usr/local/git-2.38.0/bin/git init /home/rocky/workspace/odel_ort-docker-pipeline_PR-
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'bit'] Cloning repository https://github.com/ufs-community/ufs-weather-model.git
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        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 2.31.1'
        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/1692/head:refs/remotes/origin/PR-1692
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+refs/heads/develop:refs/remotes/origin/develop # timeout=10
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'mpi'] Fetching upstream changes from https://github.com/ufs-community/ufs-weather-model.git
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  > git --version # 'git version 2.31.1'
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'dbg'] Fetching without tags
Merging remotes/origin/develop commit 20e21f6d1e2a3e48ea06727529717ec3c4c7a9e8 into PR
head commit 629c3ee8ebfcf0644f0aeef5e66585f199860745
'mpi'] > /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/1692/head:refs/remotes/origin/PR-1692 # timeout=10
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+refs/heads/develop:refs/remotes/origin/develop # timeout=10
'dbg'] Merge succeeded, producing 629c3ee8ebfcf0644f0aeef5e66585f199860745
Checking out Revision 629c3ee8ebfcf0644f0aeef5e66585f199860745 (PR-1692)
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> /usr/local/git-2.38.0/bin/git config core.sparsecheckout # timeout=10
> /usr/local/git-2.38.0/bin/git checkout -f 629c3ee8ebfcf0644f0aeef5e66585f199860745 #
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 20e21f6d1e2a3e48ea06727529717ec3c4c7a9e8 #
timeout=10
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'dbg'] Commit message: "add new BL_DATE"
First time build. Skipping changelog.
'dbg'] Merging remotes/origin/develop commit 20e21f6d1e2a3e48ea06727529717ec3c4c7a9e8 into PR
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> /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
'dcp'] Merging remotes/origin/develop commit 20e21f6d1e2a3e48ea06727529717ec3c4c7a9e8 into PR
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> /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 629c3ee8ebfcf0644f0aeef5e66585f199860745 #
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
'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/1692/head:refs/remotes/origin/PR-1692 # timeout=10
> /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+refs/heads/develop:refs/remotes/origin/develop # timeout=10
'bit'] Commit message: "add new BL_DATE"
'rst'] Fetching without tags
'dcp'] Merge succeeded, producing 629c3ee8ebfcf0644f0aeef5e66585f199860745
Checking out Revision 629c3ee8ebfcf0644f0aeef5e66585f199860745 (PR-1692)
'rst'] Fetching without tags
'thr'] > /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/1692/head:refs/remotes/origin/PR-1692 # timeout=10
> /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+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
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/1692/head:refs/remotes/origin/PR-1692
+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 629c3ee8ebfcf0644f0aeef5e66585f199860745 #
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 20e21f6d1e2a3e48ea06727529717ec3c4c7a9e8 #
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 629c3ee8ebfcf0644f0aeef5e66585f199860745 #
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
'thr'] Fetching without tags
'rst'] Merging remotes/origin/develop commit 20e21f6d1e2a3e48ea06727529717ec3c4c7a9e8 into PR
head commit 629c3ee8ebfcf0644f0aeef5e66585f199860745
'rst'] Merging remotes/origin/develop commit 20e21f6d1e2a3e48ea06727529717ec3c4c7a9e8 into PR
head commit 629c3ee8ebfcf0644f0aeef5e66585f199860745
'dcp'] Commit message: "add new BL_DATE"
'rst'] Merge succeeded, producing 629c3ee8ebfcf0644f0aeef5e66585f199860745
Checking out Revision 629c3ee8ebfcf0644f0aeef5e66585f199860745 (PR-1692)
'thr'] Merging remotes/origin/develop commit 20e21f6d1e2a3e48ea06727529717ec3c4c7a9e8 into PR
head commit 629c3ee8ebfcf0644f0aeef5e66585f199860745
'rst'] Merge succeeded, producing 629c3ee8ebfcf0644f0aeef5e66585f199860745
Checking out Revision 629c3ee8ebfcf0644f0aeef5e66585f199860745 (PR-1692)
'thr'] Merge succeeded, producing 629c3ee8ebfcf0644f0aeef5e66585f199860745
Checking out Revision 629c3ee8ebfcf0644f0aeef5e66585f199860745 (PR-1692)
'rst'] Commit message: "add new BL_DATE"
'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/1692/head:refs/remotes/origin/PR-1692
+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 629c3ee8ebfcf0644f0aeef5e66585f199860745 #
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 20e21f6d1e2a3e48ea06727529717ec3c4c7a9e8 #
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 629c3ee8ebfcf0644f0aeef5e66585f199860745 #
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
> /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
```

```
'rst'] Commit message: "add new BL_DATE"
```

```
'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/1692/head:refs/remotes/origin/PR-1692
+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 629c3ee8ebfcf0644f0aef5e66585f199860745 #
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 20e21f6d1e2a3e48ea06727529717ec3c4c7a9e8 #
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 629c3ee8ebfcf0644f0aef5e66585f199860745 #
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
> /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
'thr'] > /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/1692/head:refs/remotes/origin/PR-1692 # timeout=10
> /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+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
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/1692/head:refs/remotes/origin/PR-1692
+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 629c3ee8ebfcf0644f0aef5e66585f199860745 #
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 20e21f6d1e2a3e48ea06727529717ec3c4c7a9e8 #
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 629c3ee8ebfcf0644f0aef5e66585f199860745 #
```

```
timeout=10
Commit message: "add new BL_DATE"
'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
'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/1692/head:refs/remotes/origin/PR-1692 # timeout=10
> /usr/local/git-2.38.0/bin/git config --add remote.origin.fetch
+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
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/1692/head:refs/remotes/origin/PR-1692
+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 629c3ee8ebfcf0644f0aeef5e66585f199860745 #
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 20e21f6d1e2a3e48ea06727529717ec3c4c7a9e8 #
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 629c3ee8ebfcf0644f0aeef5e66585f199860745 #
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
> /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
```

```
'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/1692/head:refs/remotes/origin/PR-1692
+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 629c3ee8ebfcf0644f0aeef5e66585f199860745 #
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 20e21f6d1e2a3e48ea06727529717ec3c4c7a9e8 #
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 629c3ee8ebfcf0644f0aeef5e66585f199860745 #
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
> /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 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 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/1692/head:refs/remotes/origin/PR-1692
+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 629c3ee8ebfcf0644f0aeef5e66585f199860745 #
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 20e21f6d1e2a3e48ea06727529717ec3c4c7a9e8 #
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 629c3ee8ebfcf0644f0aeef5e66585f199860745 #
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
> /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
'dbg'] > /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 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
'mpi'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive FV3 # timeout=10
'bit'] > /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
'rst'] > /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 submodule update --init --recursive WW3 # timeout=10
'thr'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive WW3 # timeout=10
'thr'] > /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 WW3 # timeout=10
'dcp'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive WW3 # timeout=10
'bit'] > /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 WW3 # timeout=10
'rst'] > /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 submodule update --init --recursive WW3 # timeout=10
'mpi'] > /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 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
'dcp'] > /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 stochastic_physics
# 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
'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
'bit'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive stochastic_physics
# 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
'dbg'] > /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
'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive MOM6-interface/MOM6
# timeout=10
'dcp'] > /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 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 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'] > /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 HYCOM-
interface/HYCOM # timeout=10
> /usr/local/git-2.38.0/bin/git submodule update --init --recursive MOM6-interface/MOM6
# 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
> /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 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 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'] > /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'] > /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'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive MOM6-interface/MOM6
# timeout=10
'mpi'] > /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
'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CDEPS-
interface/CDEPS # 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 CICE-interface/CICE
# timeout=10
'dbg'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CICE-interface/CICE
# timeout=10
'mpi'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CICE-interface/CICE
# timeout=10
'bit'] > /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 CICE-interface/CICE
# timeout=10
'dbg'] > /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 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 CICE-interface/CICE
# 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
'mpi'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive CDEPS-
interface/CDEPS # timeout=10
'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
'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
'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
'rst'] > /usr/local/git-2.38.0/bin/git --version # timeout=10
```



```

    > git --version # 'git version 2.31.1'
[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/rocky/workspace/odel_ort-docker-pipeline_PR-1692/tests/ci/Dockerfile --tag
ci-test-weather /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692
'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
'rst'] > /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
'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
'rst'] #1 [internal] load .dockerignore
#1 transferring context: 161B done
#1 DONE 0.0s

#2 [internal] load build definition from Dockerfile
#2 transferring dockerfile: 512B done
#2 DONE 0.1s

#3 [internal] load metadata for docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
'mpi'] > /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 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
'dbg'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive AQM # timeout=10
'rst'] #3 DONE 0.9s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8
#4 resolve docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8 0.0s

```

```
done
#4 sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3 851B / 851B
0.1s
#4 sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 2.41kB /
2.41kB done
'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAAHMP-
interface/noahmp # timeout=10
'rst'] #4 sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3 851B / 851B
0.1s done
#4 sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738 6.96kB /
6.96kB done
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 0B / 28.54MB
0.2s
#4 sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709 187B / 187B
0.1s done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 0B / 165.59MB
0.2s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 0B / 44.66MB
0.2s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 3.15MB /
28.54MB 0.3s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 7.34MB /
28.54MB 0.4s
'dcp'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive AQM # timeout=10
'rst'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 14.68MB /
28.54MB 0.5s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 19.92MB /
28.54MB 0.6s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 23.07MB /
28.54MB 0.7s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 28.54MB /
28.54MB 0.9s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 11.53MB /
165.59MB 0.9s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 3.15MB /
44.66MB 0.9s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 28.54MB /
28.54MB 0.9s done
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 8.39MB /
44.66MB 1.0s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 20.97MB /
165.59MB 1.1s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 12.58MB /
44.66MB 1.1s
```



```
#4 extracting sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
#4 sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43 0B / 151B
1.1s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 17.83MB /
44.66MB 1.2s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 31.46MB /
165.59MB 1.3s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 20.97MB /
44.66MB 1.3s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 26.21MB /
44.66MB 1.4s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 42.99MB /
165.59MB 1.5s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 29.36MB /
44.66MB 1.5s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 33.55MB /
44.66MB 1.6s
#4 sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43 151B / 151B
1.6s done
#4 sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5 0B / 4.37kB
1.6s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 53.48MB /
165.59MB 1.7s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 38.80MB /
44.66MB 1.7s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 68.16MB /
165.59MB 1.9s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 42.99MB /
44.66MB 1.9s
#4 extracting sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
0.7s done
#4 extracting sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3
done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 76.55MB /
165.59MB 2.0s
#4 sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5 4.37kB /
4.37kB 2.1s
#4 extracting sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709
done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 93.32MB /
165.59MB 2.2s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 44.66MB /
44.66MB 2.1s done
#4 sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5 4.37kB /
```

4.37kB 2.1s done

#4 sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b 0B / 78.90kB

2.2s

#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 0B / 636.73MB

2.2s

#4 ...

#5 [internal] load build context

#5 transferring context: 440.71MB 2.4s done

#5 DONE 2.4s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-

stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8

#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 117.44MB /

165.59MB 2.5s

#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 132.12MB /

165.59MB 2.7s

#4 sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b 78.90kB /

78.90kB 2.7s done

#4 sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e 0B / 2.00kB

2.8s

#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 144.70MB /

165.59MB 2.9s

#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 156.24MB /

165.59MB 3.1s

#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 165.59MB /

165.59MB 3.3s

#4 sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e 2.00kB /

2.00kB 3.4s

#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 34.60MB /

636.73MB 3.5s

#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 71.30MB /

636.73MB 4.0s

#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 106.95MB /

636.73MB 4.5s

#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 140.51MB /

636.73MB 5.0s

#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 178.26MB /

636.73MB 5.6s

#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 212.86MB /

636.73MB 6.3s

#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 247.46MB /

636.73MB 6.8s

#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 292.55MB /

```
636.73MB 7.4s
'thr'] > /usr/local/git-2.38.0/bin/git --version # timeout=10
> git --version # 'git version 2.31.1'
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 330.30MB /
636.73MB 7.9s
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] sh
'rst'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 165.59MB /
165.59MB 8.3s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 368.05MB /
636.73MB 8.4s
#4 sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e 2.00kB /
2.00kB 8.5s
'thr'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --
file /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692/tests/ci/Dockerfile --tag
ci-test-weather /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692
#1 [internal] load .dockerignore
#1 transferring context: 161B done
#1 DONE 0.0s

#2 [internal] load build definition from Dockerfile
#2 transferring dockerfile: 512B done
#2 DONE 0.0s

#3 [internal] load metadata for docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 411.04MB /
636.73MB 9.0s
'thr'] #3 DONE 0.3s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
#4 resolve docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 done
#4 sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3 0B / 851B
0.1s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 0B / 28.54MB
0.1s
#4 sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738 6.96kB /
6.96kB done
#4 sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709 0B / 187B
0.1s
```

```
#4 sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 2.41kB /
2.41kB done
'thr'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
'thr'] #4 sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adb02afc5c3 851B / 851B
0.1s done
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 3.15MB /
28.54MB 0.2s
#4 sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709 187B / 187B
0.1s done
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 0B / 44.66MB
0.2s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 0B / 165.59MB
0.2s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 6.29MB /
28.54MB 0.3s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 8.39MB /
28.54MB 0.4s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 11.53MB /
28.54MB 0.5s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 4.19MB /
44.66MB 0.5s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 16.78MB /
28.54MB 0.7s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 10.49MB /
44.66MB 0.7s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 9.44MB /
165.59MB 0.7s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 19.27MB /
28.54MB 0.8s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 13.63MB /
44.66MB 0.8s
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 449.84MB /
636.73MB 9.8s
'thr'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 22.02MB /
28.54MB 0.9s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 25.17MB /
28.54MB 1.0s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 18.87MB /
44.66MB 1.0s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 27.26MB /
28.54MB 1.1s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 22.02MB /
44.66MB 1.1s
```

```
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 17.83MB /
165.59MB 1.1s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 28.54MB /
28.54MB 1.2s done
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 30.41MB /
44.66MB 1.3s
#4 sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43 0B / 151B
1.3s
#4 extracting sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 34.60MB /
44.66MB 1.4s
#4 sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43 151B / 151B
1.3s done
#4 sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5 4.37kB /
4.37kB 1.4s done
#4 sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b 0B / 78.90kB
1.4s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 37.75MB /
44.66MB 1.5s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 28.31MB /
165.59MB 1.5s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 41.94MB /
44.66MB 1.6s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 44.66MB /
44.66MB 1.7s
#4 sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b 78.90kB /
78.90kB 1.6s done
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 0B / 636.73MB
1.7s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 44.66MB /
44.66MB 1.7s done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 39.85MB /
165.59MB 1.8s
#4 sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e 2.00kB /
2.00kB 1.8s done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 49.28MB /
165.59MB 2.0s
#4 extracting sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
0.8s done
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 487.59MB /
636.73MB 10.9s
'thr'] #4 extracting sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3
done
#4 ...
```

```
#5 [internal] load build context
#5 transferring context: 440.71MB 2.3s done
#5 DONE 2.3s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 60.82MB /
165.59MB 2.3s
#4 extracting sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709
done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 69.21MB /
165.59MB 2.5s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 77.59MB /
165.59MB 2.7s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 32.51MB /
636.73MB 2.8s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 91.23MB /
165.59MB 3.0s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 99.61MB /
165.59MB 3.2s
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 520.09MB /
636.73MB 12.1s
'thr'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 112.20MB /
165.59MB 3.5s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 123.73MB /
165.59MB 3.8s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 65.01MB /
636.73MB 3.8s
'rst'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 165.59MB /
165.59MB 13.1s done
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 554.70MB /
636.73MB 13.2s
#4 sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e 2.00kB /
2.00kB 13.1s done
#4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
'thr'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 140.51MB /
165.59MB 4.2s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 153.09MB /
165.59MB 4.5s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 165.59MB /
165.59MB 4.8s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 103.81MB /
636.73MB 4.8s
```

```
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 165.59MB /
165.59MB 5.2s done
#4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
0.1s
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 589.30MB /
636.73MB 14.4s
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 140.51MB /
636.73MB 5.7s
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 626.00MB /
636.73MB 15.1s
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 176.16MB /
636.73MB 6.4s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 211.81MB /
636.73MB 6.9s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 248.51MB /
636.73MB 7.4s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 285.21MB /
636.73MB 7.9s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 324.01MB /
636.73MB 8.5s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 356.52MB /
636.73MB 8.9s
'rst'] #4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
5.1s
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 393.22MB /
636.73MB 9.4s
'rst'] #4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
5.4s done
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 428.87MB /
636.73MB 9.9s
#4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
5.1s
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 636.73MB /
636.73MB 19.5s done
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 462.42MB /
636.73MB 10.4s
'rst'] #4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
0.1s
'thr'] #4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
5.5s done
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 502.27MB /
636.73MB 10.9s
#4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
'dbg'] > /usr/local/git-2.38.0/bin/git --version # timeout=10
```



```
> git --version # 'git version 2.31.1'
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 535.82MB /
636.73MB 11.3s
[Pipeline] }
[Pipeline] // stage
'rst'] #4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
1.1s done
#4 extracting sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43
[Pipeline] stage
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 574.62MB /
636.73MB 11.8s (Build)
[Pipeline] { (Build)
[Pipeline] sh
'rst'] #4 extracting sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43
done
#4 extracting sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5
done
#4 extracting sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b
done
#4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
'dbg'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
'dbg'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --
file /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692/tests/ci/Dockerfile --tag
ci-test-weather /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 609.22MB /
636.73MB 12.2s
#4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
1.2s done
#4 extracting sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43
done
#4 extracting sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5
'dbg'] #1 [internal] load .dockerignore
#1 transferring context: 161B done
#1 DONE 0.0s

#2 [internal] load build definition from Dockerfile
#2 transferring dockerfile: 512B done
#2 DONE 0.0s

#3 [internal] load metadata for docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
'thr'] #4 extracting sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5
done
#4 extracting sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b
```



```
done
'dbg'] #3 DONE 0.5s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
#4 resolve docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 done
#4 sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 2.10MB /
28.54MB 0.1s
#4 sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 2.41kB /
2.41kB done
#4 sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738 6.96kB /
6.96kB done
#4 sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3 851B / 851B
0.1s done
#4 sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709 187B / 187B
0.1s done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 0B / 165.59MB
0.1s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 0B / 44.66MB
0.1s
#4 sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 7.34MB /
28.54MB 0.2s
#4 sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 11.53MB /
28.54MB 0.3s
#4 sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 15.73MB /
28.54MB 0.4s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 9.44MB /
165.59MB 0.4s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 3.15MB /
44.66MB 0.4s
#4 sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 24.12MB /
28.54MB 0.6s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 6.29MB /
44.66MB 0.6s
#4 sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 28.54MB /
28.54MB 0.7s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 23.07MB /
165.59MB 0.7s
#4 sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 28.54MB /
28.54MB 0.7s done
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 11.53MB /
44.66MB 0.8s
#4 sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5 0B / 4.37kB
```

0.8s

#4 sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43 151B / 151B

0.8s done

#4 extracting sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe

#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 35.65MB / 165.59MB 0.9s

#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 14.68MB / 44.66MB 0.9s

#4 sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5 4.37kB / 4.37kB 0.8s done

#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 0B / 636.73MB 0.9s

#4 sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b 78.90kB / 78.90kB 0.9s done

#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 17.83MB / 44.66MB 1.0s

#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 20.97MB / 44.66MB 1.1s

#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 46.14MB / 165.59MB 1.2s

#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 24.56MB / 44.66MB 1.2s

#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 28.31MB / 44.66MB 1.3s

#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 54.53MB / 165.59MB 1.4s

#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 32.51MB / 44.66MB 1.4s

#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 35.65MB / 44.66MB 1.5s

#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 39.85MB / 44.66MB 1.6s

#4 extracting sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 0.8s done

#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 72.35MB / 165.59MB 1.8s

#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 44.66MB / 44.66MB 1.8s done

#4 extracting sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3 done

#4 sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e 0B / 2.00kB 1.8s

#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 32.51MB / 636.73MB 1.9s

```
#4 extracting sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709
done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 83.53MB /
165.59MB 2.0s
#4 sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e 2.00kB /
2.00kB 2.0s done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 98.57MB /
165.59MB 2.3s
#4 ...

#5 [internal] load build context
#5 transferring context: 440.71MB 2.4s done
#5 DONE 2.5s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 109.05MB /
165.59MB 2.5s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 121.63MB /
165.59MB 2.7s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 70.25MB /
636.73MB 2.7s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 133.17MB /
165.59MB 2.9s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 145.75MB /
165.59MB 3.1s
'dcp'] > /usr/local/git-2.38.0/bin/git --version # timeout=10
> git --version # 'git version 2.31.1'
'dbg'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 165.59MB /
165.59MB 3.4s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 108.00MB /
636.73MB 3.5s
'bit'] > /usr/local/git-2.38.0/bin/git --version # timeout=10
> git --version # 'git version 2.31.1'
[Pipeline] }
[Pipeline] // stage
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 636.73MB /
636.73MB 16.4s done
#4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
'dbg'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 165.59MB /
165.59MB 3.7s done
'dbg'] #4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af70 > /usr/local/git-
2.38.0/bin/git --version # timeout=10
> git --version # 'git version 2.31.1'
```

```
'dbg'] 94788de3e88b89038e94b6bc08
#4 sha256:a6d2877f8486e17376c[Pipeline] stage
'dbg'] f7c1d798589425ed35a3393085c35c43eee29875c28e0 144.70MB / 636.73MB 3.9s
[Pipeline] { (Build)
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] }
'mpi'] > /usr/local/git-2.38.0/bin/git --version # timeout=10
> git --version # 'git version 2.31.1'
[Pipeline] // stage
[Pipeline] stage
'dbg'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
[Pipeline] { (Build)
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 177.21MB /
636.73MB 4.3s
[Pipeline] sh
'rst'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
5.1s
[Pipeline] sh
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 212.86MB /
636.73MB 4.7s
'dcp'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --
file /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692/tests/ci/Dockerfile --tag
ci-test-weather /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692
[Pipeline] }
[Pipeline] sh
'mpi'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
'bit'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --
file /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692/tests/ci/Dockerfile --tag
ci-test-weather /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692
'dcp'] #1 [internal] load build definition from Dockerfile
#1 transferring dockerfile: 512B done
#1 DONE 0.0s

#2 [internal] load .dockerignore
#2 transferring context: 161B done
#2 DONE 0.0s

#3 [internal] load metadata for docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
'bit'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
```

```
interface/noahmp # timeout=10
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Build)
'dbg'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --
file /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692/tests/ci/Dockerfile --tag
ci-test-weather /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 245.37MB /
636.73MB 5.1s
'bit'] #1 [internal] load .dockerignore
#1 transferring context: 161B done
#1 DONE 0.0s

#2 [internal] load build definition from Dockerfile
#2 transferring dockerfile: 512B done
#2 DONE 0.0s

#3 [internal] load metadata for docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
'dcp'] #3 DONE 0.3s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
#4 resolve docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 done
#4 sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 2.41kB /
2.41kB done
#4 sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738 6.96kB /
6.96kB done
#4 sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3 0B / 851B
0.1s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 0B / 28.54MB
0.1s
#4 sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709 0B / 187B
0.1s
'dbg'] #1 [internal] load build definition from Dockerfile
'dbg'] #1 transf#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
279.97MB / 636.73MB 5.5s
[Pipeline] sh
'dbg'] erring dockerfile: 512B done
#1 DONE 0.0s

#2 [internal] load .dockerignore
#2 transferring context: 161B done
#2 DONE 0.0s
```

```
#3 [internal] load metadata for docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
'dcp'] #4 sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3 851B / 851B
0.1s done
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 5.24MB /
28.54MB 0.2s
#4 sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709 187B / 187B
0.1s done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 0B / 165.59MB
0.2s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 0B / 44.66MB
0.2s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 10.49MB /
28.54MB 0.3s
'dcp'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
'dcp'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 15.73MB /
28.54MB 0.5s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 19.92MB /
28.54MB 0.6s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 8.39MB /
165.59MB 0.6s
'bit'] #3 DONE 0.5s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
#4 resolve docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 done
#4 sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 2.41kB /
2.41kB done
#4 sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738 6.96kB /
6.96kB done
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 0B / 28.54MB
0.1s
#4 sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3 0B / 851B
0.1s
#4 sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709 0B / 187B
0.1s
'mpi'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --
file /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692/tests/ci/Dockerfile --tag
ci-test-weather /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692
'dcp'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 24.12MB /
28.54MB 0.8s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 3.15MB /
```

```
44.66MB 0.8s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 26.21MB /
28.54MB 0.9s
'bit'] #4 sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3 851B / 851B
0.1s done
#4 sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709 187B / 187B
0.1s done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 0B / 165.59MB
0.2s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 0B / 44.66MB
0.2s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 3.15MB /
28.54MB 0.3s
'mpi'] #1 [internal] load .dockerignore
#1 transferring context: 161B done
#1 DONE 0.0s

#2 [internal] load build definition from Dockerfile
#2 transferring dockerfile: 512B done
#2 DONE 0.0s

#3 [internal] load metadata for docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
'dcp'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 28.54MB /
28.54MB 1.0s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 18.87MB /
165.59MB 1.0s
'bit'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 7.34MB /
28.54MB 0.5s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 9.44MB /
28.54MB 0.6s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 11.53MB /
28.54MB 0.7s
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 312.48MB /
636.73MB 6.4s
'dcp'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 28.54MB /
28.54MB 1.0s done
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 6.29MB /
44.66MB 1.1s
#4 extracting sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
0.1s
#4 sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43 151B / 151B
1.1s done
#4 sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5 0B / 4.37kB
1.1s
```



```
#4 sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31fff1a0dce5 4.37kB /
4.37kB 1.1s done
#4 sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b 78.90kB /
78.90kB 1.2s done
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 0B / 636.73MB
1.3s
'bit'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 13.63MB /
28.54MB 0.8s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 3.15MB /
44.66MB 0.8s
'mpi'] #3 DONE 0.6s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
#4 resolve docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 done
#4 sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 2.41kB /
2.41kB done
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 0B / 28.54MB
0.1s
#4 sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3 0B / 851B
0.1s
#4 sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709 0B / 187B
0.1s
#4 sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738 6.96kB /
6.96kB done
'dcp'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 30.41MB /
165.59MB 1.5s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 9.44MB /
44.66MB 1.5s
'bit'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 16.78MB /
28.54MB 1.0s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 19.92MB /
28.54MB 1.2s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 6.29MB /
44.66MB 1.2s
'mpi'] #4 sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3 851B / 851B
0.1s done
#4 sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709 187B / 187B
0.1s done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 0B / 165.59MB
0.2s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 0B / 44.66MB
0.2s
```

```
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 2.10MB /
28.54MB 0.3s
'dcp'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 12.58MB /
44.66MB 1.8s
#4 extracting sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
0.7s done
#4 extracting sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3
done
'bit'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 22.02MB /
28.54MB 1.4s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 9.44MB /
165.59MB 1.4s
'mpi'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 6.29MB /
28.54MB 0.5s
'dbg'] #3 DONE 1.9s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
#4 resolve docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 done
#4 sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738 6.96kB /
6.96kB done
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 0B / 28.54MB
0.1s
#4 sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709 0B / 187B
0.1s
#4 sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 2.41kB /
2.41kB done
#4 sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3 0B / 851B
0.1s
'dcp'] #4 extracting sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709
done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 38.80MB /
165.59MB 2.1s
'bit'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 24.12MB /
28.54MB 1.6s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 9.44MB /
44.66MB 1.6s
'mpi'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 8.39MB /
28.54MB 0.7s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 10.49MB /
28.54MB 0.8s
'dbg'] #4 sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709 187B / 187B
0.1s done
```

```
#4 sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3 851B / 851B
0.2s done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 0B / 165.59MB
0.2s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 0B / 44.66MB
0.2s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 3.15MB /
28.54MB 0.3s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 5.24MB /
28.54MB 0.4s
'dcp'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 15.73MB /
44.66MB 2.3s
#4 ...

#5 [internal] load build context
#5 transferring context: 440.71MB 2.3s done
#5 DONE 2.4s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8
'bit'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 26.21MB /
28.54MB 1.8s
'mpi'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 12.58MB /
28.54MB 1.0s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 3.15MB /
44.66MB 1.0s
'bit'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 12.58MB /
44.66MB 2.1s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 28.54MB /
28.54MB 2.2s
'mpi'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 14.68MB /
28.54MB 1.2s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 17.83MB /
28.54MB 1.4s
'bit'] #4 ...

#5 [internal] load build context
'dbg'] #5 transfer#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
9.4ring context: 440.71MB 2.2s done
#5 DONE 2.3s

'dbg'] #4 [1/3] FROM docker.io/noaaepic/ubuntu20.4MB / 28.54MB 0.7s
'dcp'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af709478#4
sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 47.19MB /
```

```
165.59MB 2.8s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 19.92MB /
44.66MB 2.8s
'dbg'] 04-gnu9.3-hpc-stack:v1.2@sha256:f848de3e88b89038e94b6bc08 8.39MB / 165.59MB 0.8s
'bit'] #4 sha256:345e3491a907bb7c6cf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
'dbg'] #4 sha256:345e3491a907#4
sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c55656f1bdddcf4a94284b8b
6ddd77eb7d93f09432b17b20f2bbe 11.53MB / 28.54MB 0.9s
'mpi'] 25 6.29MB / 44.66MB 1.5s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 19.92MB /
28.54MB 1.6s
'bit'] bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 28.54MB / 28.54MB 2.2s done
#4 extracting sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
#4 sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43 0B / 151B
2.3s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 18.87MB /
165.59MB 2.5s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 15.73MB /
44.66MB 2.5s
#4 sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43 151B / 151B
2.4s done
#4 sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5 4.37kB /
4.37kB 2.5s done
#4 sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b 0B / 78.90kB
2.5s
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 344.98MB /
636.73MB 8.1s
'thr'] > /usr/local/git-2.38.0/bin/git --version # timeout=10
> git --version # 'git version 2.31.1'
'dcp'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 23.07MB /
44.66MB 3.2s
'dbg'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b#4
sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 22.02#4
sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 18.87MB /
44.66MB 2.8s
#4 sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b 78.90kB /
78.90kB 2.8s done
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 0B / 636.73MB
2.9s
'dbg'] 8b6ddd77eb7d93f09432b17b20f2bbe 13.63MB / 28.54MB 1.0s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 15.73MB /
28.54MB 1.2s
'mpi'] MB / 28.54MB 1.8s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 8.39MB /
```

```
165.59MB 1.8s
[Pipeline] }
'bit'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 22.02MB /
44.66MB 3.1s
'dbg'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 17.83MB /
28.54MB 1.4s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 17.83MB /
165.59MB 1.4s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 3.15MB /
44.66MB 1.4s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 19.92MB /
28.54MB 1.6s
'mpi'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 24.12MB /
28.54MB 2.0s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 9.44MB /
44.66MB 2.1s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 26.21MB /
28.54MB 2.2s
'dbg'] #4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
5.1s
[Pipeline] // stage
'thr'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
5.1s
'dcp'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 55.57MB /
165.59MB 3.6s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 26.21MB /
44.66MB 3.6s
'bit'] #4 extracting sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
0.9s done
#4 extracting sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3
done
#4 extracting sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709
done
'mpi'] #4 ...

#5 [internal] load build context
#5 transferring context: 440.71MB 2.3s done
#5 DONE 2.4s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 28.54MB /
28.54MB 2.4s
[Pipeline] stage
```

```
[Pipeline] { (Build)
'dcp' ] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 32.51MB /
636.73MB 3.9s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 29.36MB /
44.66MB 4.0s
'bit' ] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 25.17MB /
44.66MB 3.5s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 27.26MB /
165.59MB 3.6s
'mpi' ] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 28.54MB /
28.54MB 2.4s done
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 13.63MB /
44.66MB 2.6s
#4 sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43 0B / 151B
2.6s
#4 extracting sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
#4 sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43 151B / 151B
2.7s done
#4 sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5 0B / 4.37kB
2.7s
[Pipeline] sh
'dbg' ] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 23.07MB /
28.54MB 1.9s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 26.21MB /
165.59MB 2.0s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 6.29MB /
44.66MB 2.0s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 25.17MB /
28.54MB 2.1s
'dbg' ] #4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
5.7s done
'dcp' ] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 63.96MB /
165.59MB 4.4s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 32.51MB /
44.66MB 4.4s
'bit' ] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 28.31MB /
44.66MB 3.8s
'mpi' ] #4 sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5 4.37kB /
4.37kB 2.8s done
#4 sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b 0B / 78.90kB
2.8s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 16.78MB /
165.59MB 2.9s
#4 sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b 78.90kB /
```

```
78.90kB 2.8s done
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 0B / 636.73MB
2.9s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 16.78MB /
44.66MB 3.0s
'rst'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
10.1s
'dbg'] #4 ...

#5 [internal] load build context
#5 transferring context: 440.71MB 2.3s done
#5 DONE 2.3s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 27.26MB /
28.54MB 2.3s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 9.44MB /
44.66MB 2.3s
'dbg'] #4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
0.1s
'thr'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --
file /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692/tests/ci/Dockerfile --tag
ci-test-weather /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692
'bit'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 31.46MB /
44.66MB 4.2s
'dbg'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 28.54MB /
28.54MB 2.4s done
#4 extracting sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
0.1s
#4 sha256:109d28d9515722abbe5052b38a92b71b46ee3a7cecdc5ee1ebcb7b5ac742fa43 151B / 151B
2.4s done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 34.60MB /
165.59MB 2.7s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 13.63MB /
44.66MB 2.7s
#4 sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5 4.37kB /
4.37kB 2.5s done
#4 sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b 78.90kB /
78.90kB 2.6s done
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 0B / 636.73MB
2.7s
'thr'] #1 [internal] load build definition from Dockerfile
#1 transferring dockerfile: 512B done
```



```
#1 DONE 0.0s

#2 [internal] load .dockerignore
#2 transferring context: 161B done
#2 DONE 0.0s

#3 [internal] load metadata for docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
'dcp'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 35.65MB /
44.66MB 4.7s
'mpi'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 19.92MB /
44.66MB 3.3s
#4 extracting sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
0.9s done
#4 extracting sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adb02afc5c3
done
#4 extracting sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709
done
'dcp'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 39.85MB /
44.66MB 5.2s
'bit'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 34.60MB /
44.66MB 4.5s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 35.65MB /
165.59MB 4.7s
'mpi'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 23.07MB /
44.66MB 3.7s
'dbg'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 16.78MB /
44.66MB 3.0s
'bit'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 37.75MB /
44.66MB 5.0s
'mpi'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 25.17MB /
165.59MB 4.0s
'dbg'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 19.92MB /
44.66MB 3.3s
'thr'] #3 DONE 0.6s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
#4 resolve docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 0.0s
done
#4 sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709 187B / 187B
0.2s done
#4 sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738 6.96kB /
6.96kB done
```

```
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 1.05MB /
28.54MB 0.2s
#4 sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3 851B / 851B
0.1s done
#4 sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 2.41kB /
2.41kB done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 0B / 165.59MB
0.2s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 0B / 44.66MB
0.2s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 3.15MB /
28.54MB 0.4s
'mpi'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 26.21MB /
44.66MB 4.2s
'dcp'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 73.40MB /
165.59MB 5.6s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 42.99MB /
44.66MB 5.6s
'dbg'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 42.99MB /
165.59MB 3.6s
#4 extracting sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
1.1s done
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 23.07MB /
44.66MB 3.7s
#4 extracting sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3
done
#4 extracting sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709
'dbg'] #4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
1.4s done
#4 extracting sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43
done
'thr'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 6.29MB /
28.54MB 0.6s
'dbg'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c#4 extracting
sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289556525 40.89MB / 44.66MB 5.4s
'dbg'] 077ee4054709 done
'dbg'] #4 extracting sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5
done
#4 extracting sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b
done
'thr'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
'thr'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 8.39MB /
28.54MB 0.8s
```

```
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 8.39MB /
165.59MB 0.9s
'dbg' ] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e#4
sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 2#4
sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 29.36MB /
46.21MB / 44.66MB 4.1s
'bit' ] 94b6bc08 44.04MB / 165.59MB 5.7s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 44.04MB /
44.66MB 5.9s
'mpi' ] 4.66MB 4.8s
'dbg' ] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 377.49MB /
636.73MB 11.7s
'thr' ] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 10.49MB /
28.54MB 1.0s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 4.19MB /
44.66MB 1.0s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 12.58MB /
28.54MB 1.1s
'dbg' ] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 29.36MB /
44.66MB 4.6s
'bit' ] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 44.66MB /
44.66MB 6.0s done
#4 sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e 2.00kB /
2.00kB 6.1s done
'mpi' ] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 32.51MB /
44.66MB 5.2s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 33.55MB /
165.59MB 5.3s
'thr' ] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 15.73MB /
28.54MB 1.3s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 7.34MB /
44.66MB 1.4s
'dbg' ] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 51.38MB /
165.59MB 4.7s
'thr' ] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 17.83MB /
28.54MB 1.5s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 16.78MB /
165.59MB 1.6s
'dbg' ] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88#4
sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49b89038e94b6bc08 81.79MB
/ 165.59MB 7.1s
'dbg' ] c556525 32.64MB / 44.66MB 5.0s
'mpi' ] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 35.65MB /
44.66MB 5.6s
```

```
'thr'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 22.02MB /
28.54MB 1.8s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 11.53MB /
44.66MB 1.8s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 24.12MB /
28.54MB 2.0s
'dbg'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 36.70MB /
44.66MB 5.4s
'mpi'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 38.80MB /
44.66MB 6.0s
'thr'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 26.21MB /
28.54MB 2.2s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 14.68MB /
44.66MB 2.2s
'bit'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 52.43MB /
165.59MB 6.9s
'mpi'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 41.94MB /
44.66MB 6.2s
'thr'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 28.54MB /
28.54MB 2.4s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 25.17MB /
165.59MB 2.4s
#4 ...

#5 [internal] load build context
#5 transferring context: 440.71MB 2.4s done
#5 DONE 2.5s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 28.54MB /
28.54MB 2.4s done
#4 sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43 151B / 151B
2.5s done
'bit'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 32.51MB /
636.73MB 7.2s
'dbg'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 42.99MB / #4
sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094165.59MB 6.5s
'dbg'] #4 sha256:b327d3abd2a724cb969f28fa262c12f4788de3e88b89038e94b6bc08 59.77MB / 165.59MB
5.8s
'mpi'] #4 s3b5c5753f66c4dd9bd9598a49c556525 44.66MB / 44.66MB 6.5s
'dbg'] sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 39.85MB / 44.66MB
5.8s
'thr'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 17.83MB /
```

```
44.66MB 2.6s
#4 extracting sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
0.1s
#4 sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31fff1a0dce5 0B / 4.37kB
2.6s
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 65.01MB /
636.73MB 8.1s
'mpi'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 44.66MB /
44.66MB 6.6s done
#4 sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e 0B / 2.00kB
6.7s
'dbg'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 42.99MB /
44.66MB 6.2s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 32.51MB /
636.73MB 6.3s
'thr'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 22.02MB /
44.66MB 2.9s
#4 sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31fff1a0dce5 4.37kB /
4.37kB 3.0s done
#4 sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b 0B / 78.90kB
3.0s
'mpi'] #4 sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e 2.00kB /
2.00kB 7.0s done
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 32.51MB /
636.73MB 7.1s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 51.38MB /
165.59MB 7.2s
'dbg'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 44.66MB /
44.66MB 6.3s done
#4 sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e 2.00kB /
2.00kB 6.4s done
'thr'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 34.60MB /
165.59MB 3.1s
#4 sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b 78.90kB /
78.90kB 3.0s done
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 0B / 636.73MB
3.1s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 25.17MB /
44.66MB 3.2s
'dcp'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 44.66MB /
44.66MB 8.3s done
#4 sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e 2.00kB /
2.00kB 8.4s done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 90.18MB /
```

```
165.59MB 8.6s
'bit'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 60.82MB /
165.59MB 8.1s
'dbg'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 68.16MB /
165.59MB 6.7s
'thr'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 28.31MB /
44.66MB 3.6s
#4 extracting sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
1.0s done
'thr'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
10.1s
'thr'] #4 extracting sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3
done
#4 extracting sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709
#4 extracting sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709
done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 44.04MB /
165.59MB 4.0s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 32.51MB /
44.66MB 4.0s
'mpi'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 60.82MB /
165.59MB 8.0s
'thr'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 35.65MB /
44.66MB 4.4s
'rst'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
15.1s
'bit'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 69.21MB /
165.59MB 9.2s
'dbg'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 76.55MB /
165.59MB 7.5s
'dcp'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 99.61MB /
165.59MB 9.9s
'thr'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 39.85MB /
44.66MB 4.8s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 52.43MB /
165.59MB 4.9s
'mpi'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 69.21MB /
165.59MB 8.8s
'thr'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 44.04MB /
44.66MB 5.2s
'bit'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 77.59MB /
165.59MB 10.0s
'dbg'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 84.93MB /
165.59MB 8.4s
```

```
'thr'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 44.66MB /
44.66MB 5.3s done
#4 sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e 0B / 2.00kB
5.4s
#4 sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e 2.00kB /
2.00kB 5.4s done

'mpi'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 78.64MB /
165.59MB 9.6s

'bit'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 85.98MB /
165.59MB 10.6s

'thr'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 60.82MB /
165.59MB 5.9s

'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 65.01MB /
636.73MB 9.1s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 94.37MB /
165.59MB 9.3s

'dcp'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 109.05MB /
165.59MB 11.3s

'mpi'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 65.01MB /
636.73MB 10.1s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 87.03MB /
165.59MB 10.2s

'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 409.99MB /
636.73MB 16.2s

'bit'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 65.01MB /
636.73MB 11.3s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 95.42MB /
165.59MB 11.5s

'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 33.55MB /
636.73MB 6.6s

'dbg'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 102.76MB /
165.59MB 10.0s

'dcp'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 117.44MB /
165.59MB 12.1s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 98.57MB /
636.73MB 12.3s

'thr'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 70.25MB /
165.59MB 7.0s

'mpi'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 96.47MB /
165.59MB 11.0s

'dbg'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 111.15MB /
165.59MB 10.7s

'bit'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 104.86MB /
165.59MB 12.5s
```



```
'dcp'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 125.83MB /
165.59MB 13.0s
'dbg'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 119.54MB /
165.59MB 11.3s
'thr'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 78.64MB /
165.59MB 7.8s
'mpi'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 105.91MB /
165.59MB 11.9s
'rst'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
19.3s done
#4 extracting sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e
#4 extracting sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e
done
#4 DONE 40.9s

#6 [2/3] COPY --chown=builder:builder . /home/builder/ufs-weather-model
'dcp'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 134.22MB /
165.59MB 13.9s
'bit'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 114.29MB /
165.59MB 13.5s
'thr'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 87.03MB /
165.59MB 8.6s
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 442.50MB /
636.73MB 19.3s
'thr'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
15.1s
'dbg'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 127.93MB /
165.59MB 12.0s
'mpi'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 114.29MB /
165.59MB 12.8s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 97.52MB /
636.73MB 13.2s
'dcp'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 143.65MB /
165.59MB 14.9s
'dbg'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 122.68MB /
165.59MB 1#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c4.2s
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c3528e0 97.52MB / 636.73MB 12.6s
'bit'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7c43eee29875c28e0 97.52MB / 636.73MB 14.4s
'thr'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 97.52MB /
165.59MB 9.6s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 66.06MB /
636.73MB 9.6s
'dbg'] 094788de3e88b89038e94b6bc08 137.36MB / 165.59MB 12.9s
'mpi'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 122.68MB /
```

```
165.59MB 13.7s
'bit'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 131.07MB /
165.59MB 15.0s
'dcp'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 153.09MB /
165.59MB 15.8s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 131.07MB /
636.73MB 15.8s
'thr'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 105.91MB /
165.59MB 10.4s
'mpi'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 131.07MB /
165.59MB 14.6s
'dbg'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 145.75MB /
165.59MB 14.0s
'bit'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 140.51MB /
165.59MB 15.8s
'dcp'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 161.48MB /
165.59MB 16.6s
'mpi'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 140.51MB /
165.59MB 15.4s
'thr'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 114.29MB /
165.59MB 11.2s
'dbg'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 154.14MB /
165.59MB 15.0s
'bit'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de#4
sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e3e88b89038e94b6bc08
122.68MB / 165.59MB 12.0s
'bit'] 94b6bc08 149.95MB / 165.59MB 16.7s
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 130.02MB /
636.73MB 15.4s
'dcp'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 165.59MB /
165.59MB 17.3s done
#4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
'mpi'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 130.02MB /
636.73MB 16.1s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 148.90MB /
165.59MB 16.2s
'bit'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 158.33MB /
165.59MB 17.5s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 131.07MB /
636.73MB 17.5s
'dbg'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 162.53MB /
165.59MB 15.9s
'mpi'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 158.33MB /
165.59MB 16.9s
```

```
'thr'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 131.07MB /
165.59MB 12.9s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 98.57MB /
636.73MB 12.9s
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 476.05MB /
636.73MB 23.0s
'thr'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
19.4s done
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 163.58MB /
636.73MB 18.6s
'dbg'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 165.59MB /
165.59MB 16.4s done
#4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
0.1s
'thr'] #4 extracting sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e
done
#4 DONE 37.1s

#6 [2/3] COPY --chown=builder:builder . /home/builder/ufs-weather-model
'mpi'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 165.59MB /
165.59MB 17.8s done
'thr'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 141.56MB /
165.59MB 13.7s
'bit'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 165.59MB /
165.59MB 18.5s done
#4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
0.1s
'mpi'] #4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
0.1s
'thr'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 152.04MB /
165.59MB 14.4s
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 163.58MB /
636.73MB 17.9s
'mpi'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 163.58MB /
636.73MB 18.4s
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 131.07MB /
636.73MB 14.8s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 161.48MB /
165.59MB 15.1s
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 197.13MB /
636.73MB 20.5s
'bit'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 163.58MB /
636.73MB 19.9s
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 508.56MB /
```

```
636.73MB 25.7s
'thr'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 165.59MB /
165.59MB 15.7s done
#4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
'bit'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 197.13MB /
636.73MB 21.0s
'dcp'] #4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
4.2s done
#4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 164.63MB /
636.73MB 16.7s
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 229.64MB /
636.73MB 22.2s
'mpi'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 196.08MB /
636.73MB 20.9s
#4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
3.2s done
'bit'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 229.64MB /
636.73MB 21.9s
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 541.07MB /
636.73MB 28.2s
'mpi'] #4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
0.1s
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 196.08MB /
636.73MB 20.6s
#4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
4.5s done
#4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
'dcp'] #4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
1.2s done
#4 extracting sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43
#4 extracting sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43
done
#4 extracting sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5
done
#4 extracting sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b
done
'bit'] #4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
4.1s done
#4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 262.14MB /
636.73MB 23.0s
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 262.14MB /
636.73MB 23.9s
```

```
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 198.18MB /
636.73MB 18.7s
'mpi'] #4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
1.3s done
#4 extracting sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 229.64MB /
636.73MB 22.7s
#4 extracting sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43
done
#4 extracting sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5
done
#4 extracting sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b
done
'dbg'] #4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
1.3s done
#4 extracting sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43
done
#4 extracting sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5
done
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 574.62MB /
636.73MB 30.1s
'bit'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 294.65MB /
636.73MB 24.3s
#4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
1.3s done
#4 extracting sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43
done
#4 extracting sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5
done
'dbg'] #4 extracting sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b
done
'bit'] #4 extracting sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b
done
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0#4
sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43ee0 262.14MB / 636.73MB 24.1s
'dcp'] ee29875c28e0 294.65MB / 636.73MB 25.7s
'thr'] #4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
4.4s done
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 230.69MB /
636.73MB 20.4s
#4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
0.1s
'dcp'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
```

```
'bit'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 328.20MB /
636.73MB 25.9s
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 608.17MB /
636.73MB 31.8s
'mpi'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 294.65MB /
636.73MB 25.4s
'thr'] #4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
1.3s done
#4 extracting sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43
done
#4 extracting sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5
done
#4 extracting sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b
done
'dcp'] > /usr/local/git-2.38.0/bin/git --version # timeout=10
> git --version # 'git version 2.31.1'
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 228.59MB /
636.73MB 25.3s
[Pipeline] }
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 329.25MB /
636.73MB 27.5s
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 264.24MB /
636.73MB 22.2s
[Pipeline] // stage
'bit'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 360.71MB /
636.73MB 27.5s
[Pipeline] stage
[Pipeline] { (Build)
'mpi'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 327.16MB /
636.73MB 26.7s
[Pipeline] sh
'dcp'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --
file /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692/tests/ci/Dockerfile --tag
ci-test-weather /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692
#1 [internal] load .dockerignore
#1 transferring context: 161B done
#1 DONE 0.0s

#2 [internal] load build definition from Dockerfile
#2 transferring dockerfile: 512B done
#2 DONE 0.0s

#3 [internal] load metadata for docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 363.86MB /
```



```
636.73MB 29.0s
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 296.75MB /
636.73MB 23.7s
'bit'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 395.31MB /
636.73MB 28.8s
'dcp'] #3 DONE 0.3s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
#4 resolve docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 done
#4 sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 2.41kB /
2.41kB done
#4 sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738 6.96kB /
6.96kB done
#4 sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 0B / 28.54MB
0.2s
#4 sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adb02afc5c3 851B / 851B
0.1s done
#4 sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709 187B / 187B
0.1s done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 0B / 165.59MB
0.2s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 0B / 44.66MB
0.2s
'mpi'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 359.66MB /
636.73MB 28.0s
'dcp'] #4 sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 2.10MB /
28.54MB 0.4s
#4 sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 4.19MB /
28.54MB 0.6s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 3.15MB /
44.66MB 0.6s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 9.44MB /
165.59MB 0.7s
#4 sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 7.34MB /
28.54MB 0.9s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 6.29MB /
44.66MB 0.9s
#4 sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 10.49MB /
28.54MB 1.1s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 9.44MB /
44.66MB 1.1s
#4 sha256:345e3491a907bb7c6f1bddd4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 12.58MB /
```



```
28.54MB 1.3s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 20.97MB /
165.59MB 1.3s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 12.58MB /
44.66MB 1.3s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 15.73MB /
28.54MB 1.5s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 15.73MB /
44.66MB 1.5s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 17.83MB /
28.54MB 1.7s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 18.87MB /
44.66MB 1.7s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 29.36MB /
165.59MB 1.8s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 19.92MB /
28.54MB 1.9s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 23.07MB /
44.66MB 1.9s
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 398.46MB /
636.73MB 31.1s
'dcp'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 22.02MB /
28.54MB 2.0s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 24.12MB /
28.54MB 2.1s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 26.21MB /
44.66MB 2.1s
'mpi'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 392.17MB /
636.73MB 29.9s
'dcp'] #4 ...

#5 [internal] load build context
#5 transferring context: 440.71MB 2.3s done
#5 DONE 2.3s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dcdc621ffed83af5ca358c38a8
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 28.54MB /
28.54MB 2.3s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 38.80MB /
165.59MB 2.3s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 30.41MB /
44.66MB 2.3s
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 330.30MB /
```

```
636.73MB 25.9s
'dcp' ] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 28.54MB /
28.54MB 2.3s done
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 33.55MB /
44.66MB 2.5s
#4 sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5 4.37kB /
4.37kB 2.4s done
#4 sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43 151B / 151B
2.4s done
#4 extracting sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
#4 sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b 0B / 78.90kB
2.5s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 47.19MB /
165.59MB 2.6s
#4 sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b 78.90kB /
78.90kB 2.5s done
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 0B / 636.73MB
2.6s
'bit' ] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 428.87MB /
636.73MB 31.3s
'dbg' ] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 636.73MB /
636.73MB 36.9s
'dcp' ] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 36.70MB /
44.66MB 2.7s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 56.62MB /
165.59MB 3.0s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 40.89MB /
44.66MB 3.0s
'dbg' ] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 636.73MB /
636.73MB 37.4s done
#4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
'dcp' ] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 66.06MB /
165.59MB 3.4s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 44.66MB /
44.66MB 3.4s done
#4 extracting sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
0.9s done
#4 sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e 0B / 2.00kB
3.4s
'dbg' ] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 260.05MB /
636.73MB 30.3s
'dcp' ] #4 sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e 2.00kB /
2.00kB 3.4s done
#4 extracting sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3
```

```
done
#4 extracting sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709
#4 extracting sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709
done
'mpi' ] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 426.77MB /
636.73MB 31.2s
'dcp' ] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 75.50MB /
165.59MB 3.8s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 85.98MB /
165.59MB 4.3s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 32.51MB /
636.73MB 4.4s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 96.47MB /
165.59MB 4.8s
'mpi' ] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 459.28MB /
636.73MB 32.7s
'dcp' ] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 430.96MB /
636.73MB 34.2s
'bit' ] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 462.42MB /
636.73MB 33.6s
'dcp' ] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 104.86MB /
165.59MB 5.2s
'thr' ] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 363.86MB /
636.73MB 29.1s
'dcp' ] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 113.25MB /
165.59MB 5.7s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 122.68MB /
165.59MB 6.2s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 65.01MB /
636.73MB 6.2s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 131.07MB /
165.59MB 6.7s
'dbg' ] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 292.55MB /
636.73MB 33.5s
'mpi' ] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 493.88MB /
636.73MB 34.5s
'dcp' ] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 139.46MB /
165.59MB 7.2s
'dcp' ] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 463.47MB /
636.73MB 36.3s
'thr' ] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 396.36MB /
636.73MB 31.1s
'bit' ] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 495.98MB /
636.73MB 35.9s
```

```
'dcp'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 149.95MB /
165.59MB 7.8s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 97.52MB /
636.73MB 8.1s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 158.33MB /
165.59MB 8.3s
'dbg'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
5.1s
'mpi'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 526.39MB /
636.73MB 36.4s
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 498.07MB /
636.73MB 38.3s
'dcp'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 165.59MB /
165.59MB 8.9s done
#4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 325.06MB /
636.73MB 36.1s
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 430.96MB /
636.73MB 33.1s
'bit'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 530.58MB /
636.73MB 38.0s
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 131.07MB /
636.73MB 10.1s
'mpi'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 559.94MB /
636.73MB 38.1s
'dbg'] #4 sha256:a6d2877f8486e17376cf#4
sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 532.68MB / 67#4
sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 563.09MB /
636.7336.73MB 40.1s
'bit'] MB 39.7s
'thr'] c1d798589425ed35a3393085c35c43eee29875c28e0 464.52MB / 636.73MB 34.7s
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 357.56MB /
636.73MB 38.2s
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 163.58MB /
636.73MB 11.8s
'mpi'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 593.49MB /
636.73MB 39.9s
'dbg'] #4 sha256:a6d2877f#4
sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 502.27MB /
636.73MB 36.4s
'dcp'] 8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 565.18MB / 636.73MB 41.6s
'dcp'] #4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
4.5s done
'bit'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 595.59MB /
```

```
636.73MB 41.7s
'dcp'] #4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
0.1s
'dbg'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
10.1s
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 390.07MB /
636.73MB 40.4s
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 535.82MB /
636.73MB 37.5s
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 598.74MB /
636.73MB 42.8s
'mpi'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 627.05MB /
636.73MB 42.2s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 636.73MB /
636.73MB 42.7s done
#4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
'dcp'] #4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
1.3s done
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 196.08MB /
636.73MB 15.1s
#4 extracting sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43
done
#4 extracting sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43#4
sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35eee29875c28e0 425.72MB / 636.73MB
42.3s
'thr'] c43eee29875c28e0 572.52MB / 636.73MB 38.9s
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 634.39MB /
636.73MB 44.3s
'dcp'] #4 extracting sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5
done
#4 extracting sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b
done
'bit'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 629.15MB /
636.73MB 43.7s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 636.73MB /
636.73MB 44.1s done
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 636.73MB /
636.73MB 44.5s done
#4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
0.1s
'bit'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
0.1s
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 459.28MB / #4
```

```
sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee2987 636.73MB 43.1s
'thr'] 5c28e0 611.32MB / 636.73MB 39.8s
'thr'] #6 DONE 24.4s

#7 [3/3] WORKDIR /home/builder/ufs-weather-model/tests
#7 DONE 0.1s

#8 exporting to image
#8 exporting layers
#8 exporting layers 2.1s done
#8 writing image sha256:6a2e551b2be259014a5eaa180a6d0cd73988f9b9e1dfb3a5fa353ecd936ada16
done
#8 naming to docker.io/library/ci-test-weather done
#8 DONE 2.1s
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Stage Test Data)
'rst'] #6 DONE 28.9s

#7 [3/3] WORKDIR /home/builder/ufs-weather-model/tests
#7 DONE 0.1s

#8 exporting to image
#8 exporting layers
#8 exporting layers 2.1s done
#8 writing image sha256:9900a4e892afb0d2e5ca0552f02a8db31331d02432c55f1f282edd40116fc56d
done
#8 naming to docker.io/library/ci-test-weather done
#8 DONE 2.1s
[Pipeline] sh
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 503.32MB /
636.73MB 43.9s
[Pipeline] }
'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
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Stage Test Data)
'thr'] 20221101: Pulling from noaaepic/input-data
df20fa9351a1: Pulling fs layer
1ff3978cbb81: Pulling fs layer
```

```
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 234.88MB /
636.73MB 17.1s
[Pipeline] sh
'thr'] df20fa9351a1: Download complete
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 544.21MB /
636.73MB 44.5s
'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
'thr'] df20fa9351a1: Pull complete
'rst'] 20221101: Pulling from noaaepic/input-data
df20fa9351a1: Pulling fs layer
1ff3978cbb81: Pulling fs layer
df20fa9351a1: Verifying Checksum
df20fa9351a1: Download complete
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 268.44MB /
636.73MB 18.0s
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 578.81MB /
636.73MB 45.1s
'rst'] df20fa9351a1: Pull complete
'dbg'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
15.2s
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 618.66MB /
636.73MB 46.0s
'thr'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 636.73MB /
636.73MB 42.7s done
#4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
0.1s
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 303.04MB /
636.73MB 19.4s
'mpi'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
5.0s
'dcp'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
5.2s
'rst'] > /usr/local/git-2.38.0/bin/git --version # timeout=10
> git --version # 'git version 2.31.1'
'bit'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
5.2s
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 336.59MB /
636.73MB 20.8s
'dbg'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 636.73MB /
636.73MB 48.1s done
[Pipeline] }
```



```
'dbg'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
0.1s
[Pipeline] // stage
'rst'] > /usr/local/git-2.38.0/bin/git submodule update --init --recursive NOAHMP-
interface/noahmp # timeout=10
[Pipeline] stage
[Pipeline] { (Build)
[Pipeline] sh
'rst'] + docker build --build-arg test_name= --build-arg build_case= --no-cache --compress --
file /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692/tests/ci/Dockerfile --tag
ci-test-weather /home/rocky/workspace/odel_ort-docker-pipeline_PR-1692
#1 [internal] load build definition from Dockerfile
#1 transferring dockerfile: 512B done
#1 DONE 0.0s

#2 [internal] load .dockerignore
#2 transferring context: 161B done
#2 DONE 0.0s

#3 [internal] load metadata for docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-stack:v1.2
'dbg'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
18.9s done
#4 extracting sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e
done
#4 DONE 56.8s

#6 [2/3] COPY --chown=builder:builder . /home/builder/ufs-weather-model
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 372.24MB /
636.73MB 22.3s
'rst'] #3 DONE 0.4s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
#4 resolve docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 done
#4 sha256:1920f81f65562ffe91e05bac30c47f47183e17f041ca53241f023834438d7738 6.96kB /
6.96kB done
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 0B / 28.54MB
0.1s
#4 sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3 0B / 851B
0.1s
#4 sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8 2.41kB /
2.41kB done
#4 sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709 0B / 187B
```

```
0.1s
#4 sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adbd02afc5c3 851B / 851B
0.1s done
#4 sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709 187B / 187B
0.1s done
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 0B / 44.66MB
0.2s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 0B / 165.59MB
0.2s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 3.15MB /
28.54MB 0.5s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 3.15MB /
44.66MB 0.5s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 5.24MB /
28.54MB 0.7s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 6.29MB /
44.66MB 0.8s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 7.34MB /
28.54MB 0.9s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 8.39MB /
165.59MB 1.0s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 10.49MB /
28.54MB 1.2s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 10.49MB /
44.66MB 1.2s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 12.58MB /
28.54MB 1.4s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 13.63MB /
44.66MB 1.4s
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 407.90MB /
636.73MB 24.1s
'rst'] #4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 14.68MB /
28.54MB 1.6s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 18.87MB /
165.59MB 1.6s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 16.78MB /
44.66MB 1.7s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 16.78MB /
28.54MB 1.8s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 19.92MB /
44.66MB 1.9s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 18.87MB /
28.54MB 2.0s
'thr'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
```

```
5.2s
'rst'] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 23.07MB /
44.66MB 2.1s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 28.31MB /
165.59MB 2.1s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 20.97MB /
28.54MB 2.2s
#4 ...

#5 [internal] load build context
#5 transferring context: 440.71MB 2.2s done
#5 DONE 2.3s

#4 [1/3] FROM docker.io/noaaepic/ubuntu20.04-gnu9.3-hpc-
stack:v1.2@sha256:f84ccf2f58f2af4fe9bc2471d6a00fedcffe64dc621ffed83af5ca358c38a8
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 26.21MB /
44.66MB 2.3s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 24.12MB /
28.54MB 2.5s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 30.41MB /
44.66MB 2.5s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 26.21MB /
28.54MB 2.6s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 36.70MB /
165.59MB 2.6s
#4 sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe 28.54MB /
28.54MB 2.8s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 35.65MB /
44.66MB 2.8s
'mpi'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c3#4
sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe5c43eee29875c28e0
10.1s
'dsp'] #4 sha256:a6d2877f8486e17376cf7c1d7985894 28.54MB / 28.54MB 2.8s done
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 38.80MB /
44.66MB 2.9s
#4 sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5 0B / 4.37kB
2.9s
#4 sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43 151B / 151B
2.9s done
#4 extracting sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 45.09MB /
165.59MB 3.0s
#4 sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31ff1a0dce5 4.37kB /
4.37kB 2.9s done
```

```
#4 sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b 78.90kB /
78.90kB 3.0s done
'dcp' ] 25ed35a3393085c35c43eee29875c28e0 442.50MB / 636.73MB 25.7s
'rst' ] #4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 42.99MB /
44.66MB 3.1s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 0B / 636.73MB
3.1s
#4 sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525 44.66MB /
44.66MB 3.2s done
'dcp' ] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
10.3s
'rst' ] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 54.53MB /
165.59MB 3.4s
#4 sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e 2.00kB /
2.00kB 3.3s done
'bit' ] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
10.2s
'rst' ] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 62.91MB /
165.59MB 3.8s
'dbg' ] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
5.2s
'rst' ] #4 extracting sha256:345e3491a907bb7c6f1bdddcf4a94284b8b6ddd77eb7d93f09432b17b20f2bbe
1.0s done
#4 extracting sha256:57671312ef6fdbecf340e5fed0fb0863350cd806c92b1fdd7978adb02afc5c3
done
#4 extracting sha256:5e9250ddb7d0fa6d13302c7c3e6a0aa40390e42424caed1e5289077ee4054709
done
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 72.35MB /
165.59MB 4.2s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 83.89MB /
165.59MB 4.7s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 32.51MB /
636.73MB 5.0s
'dcp' ] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 477.10MB /
636.73MB 27.5s
'rst' ] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 92.27MB /
165.59MB 5.1s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 100.66MB /
165.59MB 5.5s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 109.05MB /
165.59MB 5.9s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 119.54MB /
165.59MB 6.4s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 65.01MB /
```

```
636.73MB 6.6s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 128.97MB /
165.59MB 6.8s
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 509.61MB /
636.73MB 29.3s
'thr'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
10.2s
'rst'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 137.36MB /
165.59MB 7.2s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 146.80MB /
165.59MB 7.6s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 156.24MB /
165.59MB 8.0s
'mpi'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
15.1s
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 99.61MB /
636.73MB 8.3s
#4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 165.59MB /
165.59MB 8.4s
'dcp'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
15.3s
'rst'] #4 sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08 165.59MB /
165.59MB 8.6s done
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 543.16MB /
636.73MB 31.0s
'bit'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
15.3s
'rst'] #4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
0.1s
'dbg'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
10.2s
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 575.67MB /
636.73MB 32.3s
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 132.12MB /
636.73MB 9.6s
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 608.17MB /
636.73MB 33.6s
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 164.63MB /
636.73MB 11.2s
'dcp'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
18.5s done
#4 extracting sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e
#4 extracting sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e
done
```

```
#4 DONE 63.4s

#6 [2/3] COPY --chown=builder:builder . /home/builder/ufs-weather-model
'mpi'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
19.5s done
#4 extracting sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e
done
#4 DONE 62.6s

#6 [2/3] COPY --chown=builder:builder . /home/builder/ufs-weather-model
'thr'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
15.3s
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 197.13MB /
636.73MB 12.3s
'bit'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
19.4s done
#4 extracting sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e
#4 extracting sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e
done
#4 DONE 63.9s

#6 [2/3] COPY --chown=builder:builder . /home/builder/ufs-weather-model
'rst'] #4 extracting sha256:c46471bef5ab4f42c30ab2eb24e0a4bd31af7094788de3e88b89038e94b6bc08
4.3s done
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 230.69MB /
636.73MB 13.2s
#4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
'dbg'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
15.3s
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 265.29MB /
636.73MB 14.3s
#4 extracting sha256:b327d3abd2a724cb969f28fa262c12f43b5c5753f66c4dd9bd9598a49c556525
1.3s done
#4 extracting sha256:109d28d9515722abbe5052b38a92b71b46ee3a7ceedc5ee1ebcb7b5ac742fa43
done
#4 extracting sha256:7ceaea8da3ed3593559192949aa872d4db97f37e7a3dc08c89daa31fff1a0dce5
done
#4 extracting sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b
#4 extracting sha256:9fe62363807c3c9022f6538307c2698323b08ca505ac5f27596f45259956a66b
done
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 300.94MB /
636.73MB 15.3s
'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 636.73MB /
636.73MB 38.6s
```

```
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 340.79MB /
636.73MB 16.3s

'thr'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
19.7s done
#4 extracting sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e
done
#4 DONE 62.8s

#6 [2/3] COPY --chown=builder:builder . /home/builder/ufs-weather-model
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 373.29MB /
636.73MB 17.2s

'dcp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 636.73MB /
636.73MB 40.1s done
#4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0

'dbg'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
19.2s done
#4 extracting sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e
#4 extracting sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e
done
#4 DONE 67.7s

#6 [2/3] COPY --chown=builder:builder . /home/builder/ufs-weather-model
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 407.90MB /
636.73MB 18.2s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 442.50MB /
636.73MB 19.2s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 477.10MB /
636.73MB 20.1s
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 515.90MB /
636.73MB 21.2s
'dbg'] #6 DONE 19.8s

#7 [3/3] WORKDIR /home/builder/ufs-weather-model/tests
#7 DONE 0.1s

#8 exporting to image
#8 exporting layers
#8 exporting layers 2.1s done
#8 writing image sha256:9e76a172f3b60548c1b1734ef38c0593b5342cb3f340b011ca8a2ab199f50586
done
#8 naming to docker.io/library/ci-test-weather done
#8 DONE 2.1s
[Pipeline] }
[Pipeline] // stage
```



```
[Pipeline] stage
[Pipeline] { (Stage Test Data)
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 551.55MB /
636.73MB 21.9s
[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
'dsp'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c#4 extracting
sha256:a6d2877f8486e17376cf7c1d798589425ed35a339308535c43eee29875c28e0 586.15MB /
636.73MB 22.7s
'dcp'] c35c43eee29875c28e0 5.0s
'dbg'] df20fa9351a1: Pull complete
'rst'] #4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 618.66MB /
636.73MB 23.6s
'dcp'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
10.0s
'rst'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
#4 sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0 636.73MB /
636.73MB 28.1s done
'bit'] #6 DONE 17.3s

#7 [3/3] WORKDIR /home/builder/ufs-weather-model/tests
#7 DONE 2.8s

#8 exporting to image
#8 exporting layers
'rst'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
5.1s
'dcp'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
15.1s
'dcp'] #6 DONE 20.0s

#7 [3/3] WORKDIR /home/builder/ufs-weather-model/tests
#7 DONE 0.1s

#8 exporting to image
#8 exporting layers
```

```
#8 exporting layers 2.1s done
#8 writing image sha256:4e71346f95bbd36564f203895fd4070cc11518676ee721f57925a95c820048ec
done
#8 naming to docker.io/library/ci-test-weather done
#8 DONE 2.1s
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Stage Test Data)
[Pipeline] sh
'mpi' #6 DONE 19.9s

#7 [3/3] WORKDIR /home/builder/ufs-weather-model/tests
#7 DONE 0.1s

#8 exporting to image
#8 exporting layers
#8 exporting layers 2.1s done
#8 writing image sha256:58ba5c49863b8de35bab557d4f7c77766e9b741657f94a3fc24fd14a0885dc78
done
#8 naming to docker.io/library/ci-test-weather done
#8 DONE 2.1s
[Pipeline] }
'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
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Stage Test Data)
[Pipeline] sh
'dcp' 20221101: Pulling from noaaepic/input-data
df20fa9351a1: Pulling fs layer
1ff3978cbb81: Pulling fs layer
'bit' #8 exporting layers 2.1s done
#8 writing image sha256:82c0b601a49f9a6b4d29b70230db6a6d72f45f8d6e50a57acedacfc8ad2eb3f
done
#8 naming to docker.io/library/ci-test-weather done
#8 DONE 2.1s
[Pipeline] }
'dcp' df20fa9351a1: Verifying Checksum
df20fa9351a1: Download complete
df20fa9351a1: 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
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Stage Test Data)
'mpi'] 20221101: Pulling from noaaepic/input-data
df20fa9351a1: Pulling fs layer
1ff3978cbb81: Pulling fs layer
[Pipeline] sh
'mpi'] df20fa9351a1: Download complete
'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
'mpi'] df20fa9351a1: Pull complete
'bit'] 20221101: Pulling from noaaepic/input-data
df20fa9351a1: Pulling fs layer
1ff3978cbb81: Pulling fs layer
df20fa9351a1: Verifying Checksum
df20fa9351a1: Download complete
'dcp'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
18.5s done
#4 extracting sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e
done
#4 DONE 59.1s

#6 [2/3] COPY --chown=builder:builder . /home/builder/ufs-weather-model
'bit'] df20fa9351a1: Pull complete
'rst'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
10.1s
'thr'] #6 DONE 19.9s

#7 [3/3] WORKDIR /home/builder/ufs-weather-model/tests
#7 DONE 0.1s

#8 exporting to image
#8 exporting layers
#8 exporting layers 2.1s done
#8 writing image sha256:08598ddd443a44266fec5c357d071d82f8677239aa464051b1a84bdbfa4f4d0
done
#8 naming to docker.io/library/ci-test-weather done
#8 DONE 2.1s
[Pipeline] }
```

```
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Stage Test Data)
[Pipeline] sh
'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
20221101: Pulling from noaaepic/input-data
df20fa9351a1: Pulling fs layer
1ff3978cbb81: Pulling fs layer
df20fa9351a1: Verifying Checksum
df20fa9351a1: Download complete
'dbg'] #6 DONE 19.8s

#7 [3/3] WORKDIR /home/builder/ufs-weather-model/tests
#7 DONE 0.1s

#8 exporting to image
#8 exporting layers
#8 exporting layers 2.1s done
#8 writing image sha256:00675f915846890198055c10d1d8c4c23602e1763828e387fe2352a54be3ccab
done
#8 naming to docker.io/library/ci-test-weather done
#8 DONE 2.1s
[Pipeline] }
'thr'] df20fa9351a1: Pull complete
[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
'rst'] #4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
15.2s
#4 extracting sha256:a6d2877f8486e17376cf7c1d798589425ed35a3393085c35c43eee29875c28e0
```

```
19.1s done
#4 extracting sha256:112c159de4df28a267685c28f57400c98e9ad47e7c5b9955493296417b4f1e7e
done
#4 DONE 47.9s

#6 [2/3] COPY --chown=builder:builder . /home/builder/ufs-weather-model
'dcp'] #6 DONE 20.1s

#7 [3/3] WORKDIR /home/builder/ufs-weather-model/tests
#7 DONE 0.1s

#8 exporting to image
#8 exporting layers
#8 exporting layers 2.1s done
#8 writing image sha256:0a1f902d6235b2126183cb9955c916be728be4dbdb1855cbdf1fc7eeea71e33d
done
#8 naming to docker.io/library/ci-test-weather done
#8 DONE 2.1s
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Stage Test Data)
[Pipeline] sh
'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
20221101: Pulling from noaaepic/input-data
df20fa9351a1: Pulling fs layer
1ff3978cbb81: Pulling fs layer
df20fa9351a1: Verifying Checksum
df20fa9351a1: Download complete
df20fa9351a1: Pull complete
'rst'] #6 DONE 20.5s

#7 [3/3] WORKDIR /home/builder/ufs-weather-model/tests
#7 DONE 0.1s

#8 exporting to image
#8 exporting layers
#8 exporting layers 2.1s done
#8 writing image sha256:2043f9c620f2c6dfea217a348f079a0774bad8f99a89c3e6c798780002fb9620
done
#8 naming to docker.io/library/ci-test-weather done
```

```
#8 DONE 2.1s
[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
'rst'] 1ff3978cbb81: Verifying Checksum
1ff3978cbb81: Download complete
'bit'] 1ff3978cbb81: Retrying in 5 seconds
1ff3978cbb81: Retrying in 4 seconds
1ff3978cbb81: Retrying in 3 seconds
1ff3978cbb81: Retrying in 2 seconds
'thr'] 1ff3978cbb81: Retrying in 5 seconds
1ff3978cbb81: Retrying in 4 seconds
1ff3978cbb81: Retrying in 3 seconds
1ff3978cbb81: Retrying in 2 seconds
'bit'] 1ff3978cbb81: Retrying in 1 second
'thr'] 1ff3978cbb81: Retrying in 1 second
'rst'] 1ff3978cbb81: Retrying in 5 seconds
1ff3978cbb81: Retrying in 4 seconds
1ff3978cbb81: Retrying in 3 seconds
1ff3978cbb81: Retrying in 2 seconds
1ff3978cbb81: Retrying in 1 second
'dbg'] 1ff3978cbb81: Retrying in 5 seconds
1ff3978cbb81: Retrying in 4 seconds
1ff3978cbb81: Retrying in 3 seconds
1ff3978cbb81: Retrying in 2 seconds
1ff3978cbb81: Retrying in 1 second
'mpi'] 1ff3978cbb81: Retrying in 5 seconds
1ff3978cbb81: Retrying in 4 seconds
1ff3978cbb81: Retrying in 3 seconds
1ff3978cbb81: Retrying in 2 seconds
1ff3978cbb81: Retrying in 1 second
'thr'] 1ff3978cbb81: Verifying Checksum
```

```
1ff3978cbb81: Download complete
'dcp'] 1ff3978cbb81: Download complete
'dcp'] 1ff3978cbb81: Download complete
'dbg'] 1ff3978cbb81: Verifying Checksum
1ff3978cbb81: Download complete
'thr'] 1ff3978cbb81: Download complete
'rst'] 1ff3978cbb81: Pull complete
Digest: sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
Status: Downloaded newer image for noaaepic/input-data:20221101
'bit'] 1ff3978cbb81: Verifying Checksum
1ff3978cbb81: Download complete
'mpi'] 1ff3978cbb81: Verifying Checksum
1ff3978cbb81: Download complete
'rst'] 1ff3978cbb81: Download complete
'dbg'] 1ff3978cbb81: Verifying Checksum
1ff3978cbb81: Download complete
'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
'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
'bit'] 1ff3978cbb81: Pull complete
Digest: sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
Status: Downloaded newer image for noaaepic/input-data:20221101
'rst'] 1ff3978cbb81: Pull complete
Digest: sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
Status: Downloaded newer image for noaaepic/input-data:20221101
'dcp'] e7248387ffbe8127c3298bde36fd45b70614f948a044bce9f7417875c9d5b46
[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
'mpi'] 1ff3978cbb81: Pull complete
Digest: sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
Status: Downloaded newer image for noaaepic/input-data:20221101
'dcp'] be5e02f1729e
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,FV3_GFS_v17_p8_mynn -D32BIT=ON
'dbg'] 1ff3978cbb81: Pull complete
Digest: sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
Status: Downloaded newer image for noaaepic/input-data:20221101
'thr'] d9c07aaa3e0b7fd18a082ed54cb31cd8a352e9eb1db019764f3b8e6b9d99a381
[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
961defe2e855
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,FV3_GFS_v17_p8_mynn -D32BIT=ON
'rst'] 45dd6d19e8a80e271a1d7b5e6349bcba5057b0fe8932e513519a3029d9ba0226
[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
f9fcd5af9465
WARNING: UNKNOWN PLATFORM
test name: cpld_control_nowave_noaero_p8
cases to compile: std
```

```
    compiling std with compile option -DAPP=S2SW -DCCPP_SUITES=FV3_GFS_v17_coupled_p8
'dbg'] 64117c9f40cb6bf9117d43a31d4c502fbef798a338c80901a536f2198570aaf1
    [Pipeline] }
    [Pipeline] // stage
    [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
8c78c3bc88c6
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,FV3_GFS_v17_p8_mynn -D32BIT=ON -DDEBUG=ON
'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'] 0f3d3d3b232ac94342802bc82b10e9cf55f13b8f74b413fe9073684c77ccd82e
    [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
d7e019cd6018
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,FV3_GFS_v17_p8_mynn -D32BIT=ON
'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
'thr'] done compiling std
```

cases to run: std_base thr

Running test for std_base

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

'dcp']

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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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

'thr'] ++ mpiexec -n 80 ./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'] 283380bcc504abd373a731d9ed654bb8e3a79f0007c33e037bd3764660342c6e

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

'rst'] done compiling std

cases to run: std_base rst
 Running test for std_base
 THRD: 1; INPES: 2; JNPES: 2; TPN: 40
 [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 38b7032dbc45

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, FV3_GFS_v17_p8_mynn -D32BIT=ON

'rst'] ++ 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

'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
```

'bit'] 0e0dd17f646104ef42f9c90c08ac41e3f24a572fbac0bc25098db2de51840a07

```
[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
f4e74d66fb9d
```

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,FV3_GFS_v17_p8_mynn
```

'dcp'] done compiling std

cases to run: std_base dcp

Running test for std_base

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

'mpi'] f0e02b9dc77e2168c6fcde429cbd63deb611564bc7de4bbb5ff9e4ea2a7b0400

```
[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
26fa34d6bf5c
```

```

test name: control_p8
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,FV3_GFS_v17_p8_mynn -D32BIT=ON
'dcp'] ++ mpiexec -n 80 ./fv3.exe
'rst'] 1edfb86c31a1c8f2bbc1c433dbfb36988d97b6f8a14ddde112149c3bc4581b17
[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
6c611c96e1f4
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,FV3_GFS_v17_p8_mynn -D32BIT=ON
'dbg'] ebade372f540fbd0a4a244656fea7e816b1cd6d4ba028f040b106d8914487714
[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
2665662fd271
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
'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 :          156

```

```
sum num_post_afld :          203
in readxml, aft read flat file.xml,num_post_afld=          156
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:          156
datset is: GFSPRS
MXFLD is:          1200
size of lvlsxml:          101500
size of post_avblflds param          156
in readxml. nfld=          156 nrecout=          1055
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
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
```

```

ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
Size of pset is:          47
datset is: GFSFLX
MXFLD is:      1200
size of lvlxml:      101500
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
ient,iget =      1007      -1

```

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

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

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

PROCESS CALRAD_WCLOUD done

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

PROCESS done

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

```

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

```

'rst'] 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'] 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 :      225
sum num_post_afld :      225
allocate param to :      263
sum num_post_afld :      488
in readxml, aft read flat file.xml,num_post_afld=      263
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      263
datset is: PRSLEV
MXFLD is:      1200
size of lvlsxml:      244000
size of post_avblflds param      263
in readxml. nfld=      263 nrecout=      1083
PROCESS starts

```

'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
'dbg'] done compiling dbg
cases to run: dbg_base
Running test for dbg_base
    THRD: 1; INPES: 2; JNPES: 2; TPN: 40
'dcp'] PROCESS MDLFLD done
'dbg'] ++ 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
```

```
'dcp'] PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
'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

```

```
'dcp'] PROCESS CLDRAD done
```

```
'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'] 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 : 156
```

```
sum num_post_afld : 203
```

```
in readxml, aft read flat file.xml,num_post_afld= 156
```

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

```
Size of pset is: 156
```

```
datset is: GFSPRS
```

```
MXFLD is: 1200
```

```
size of lvlxml: 101500
```

```
size of post_avblflds param 156
```

```
in readxml. nfld= 156 nrecout= 1055
```

```
PROCESS starts
```

```
PROCESS MDLFLD done
```

```
PROCESS MDL2P done
```

```
PROCESS MDL2SIGMA done
```

```
PROCESS MDL2SIGMA2 done
```

```
PROCESS MDL2AGL done
```

```
PROCESS SURFCE done
```

```
PROCESS CLDRAD done
```

```
PROCESS MISCLN done
```

```
PROCESS MDL2STD_P done
```

```
PROCESS FIXED done
```

```
MDL2THANDPV starts
```

```
MDL2THANDPV ends
```

```
PROCESS MDL2THANDPV done
```

```
PROCESS CALRAD_WCLOUD done
```

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

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

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

```
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
Size of pset is:      47
datset is: GFSFLX
MXFLD is:      1200
size of lvlsxml:      101500
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
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1010      -1
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

PROCESS done

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

'thr']

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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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

```
'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
```

```
'dcp'] PROCESS MISCLN done
PROCESS MDL2STD_P done
ient,iget =          1007          -1
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =          1007          -1
ient,iget =          1008          -1
```

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

```
Size of pset is:      225
```

```
datset is: NATLEV
```

```
MXFLD is:      1200
```

```
size of lvlxml:      244000
```

```
size of post_avblflds param      225
```

```
in readxml. nfld=      225 nrecout=      2051
```

```

PROCESS starts
'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
'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
'dcp'] PROCESS MDLFLD done
'thr']  creating freezing of water drops table
  ... DONE microphysical lookup tables
'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
'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
'dcp'] PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=          0      3000000  333600.000
numr,dyval,DY_m=          0      3000000  333600.000
numr,dyval,DY_m=          0      3000000  333600.000
numr,dyval,DY_m=          0      3000000  333600.000
numr,dyval,DY_m=          0      3000000  333600.000
numr,dyval,DY_m=          0      3000000  333600.000
numr,dyval,DY_m=          0      3000000  333600.000
numr,dyval,DY_m=          0      3000000  333600.000
numr,dyval,DY_m=          0      3000000  333600.000

```

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

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

```
PROCESS CLDRAD done
```

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

```
calling table_ccnAct routine
```

```
creating qc collision eff tables
```

```
creating rain evap table
```

```
creating ice converting to snow table
```

```
creating rain collecting graupel table
```

```
creating freezing of water drops table
```

```
... DONE microphysical lookup tables
```

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

```
ient,iget =          1007          222
```

```
ient,iget =          1007          222
```

```
ient,iget =          1008          223
```

```
PROCESS MDL2STD_P done
```

```
PROCESS FIXED done
```

```
MDL2THANDPV starts
```

```
MDL2THANDPV ends
```

```
ient,iget =          1007          222
```

```
PROCESS MDL2THANDPV done
```

```
ient,iget =          1009          224
```

```
PROCESS CALRAD_WCLOUD done
```

```
ient,iget =          1007          222
```

```
ient,iget =          1010          225
```

```
ient,iget =          1007          222
```

```
ient,iget =          1008          223
```

```
ient,iget =          1009          224
```

```
ient,iget =          1007          222
```

```
ient,iget =          1010          225
```

```
ient,iget =          1008          223
```

```
PROCESS done
```

```
ient,iget =          1009          224
```

```
ient,iget =          1007          222
```

```
ient,iget =          1008          223
```

```
ient,iget =          1010          225
```

```
ient,iget =          1007          222
```

```
ient,iget =          1008          223
```

```
ient,iget =          1009          224
```

```
ient,iget =          1009          224
```

```
ient,iget =          1010          225
```

```
ient,iget =          1010          225
```

```
ient,iget =          1008          223
```

```
ient,iget =          1007          222
```

```

ient,iget =      1009      224
ient,iget =      1007      222
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1010      225
'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 :      156
sum num_post_afld :      203
in readxml, aft read flat file.xml,num_post_afld=      156
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      156
datset is: GFSPRS
MXFLD is:      1200
size of lvlxml:      101500
size of post_avblflds param      156
in readxml. nfld=      156 nrecout=      1055
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done

```

PROCESS CALRAD_WCLOUD done

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

PROCESS done

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

```
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
Size of pset is:          47
datset is: GFSFLX
MXFLD is:      1200
size of lvlsxml:      101500
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
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1007      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```



```

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

```

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

```

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

```

PROCESS done

```

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

```

```

'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 :      156
sum num_post_afld :      203
in readxml, aft read flat file.xml,num_post_afld=      156
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      156
datset is: GFSPRS
MXFLD is:      1200

```

```
size of lvlxml:          101500
size of post_avblflds param      156
in readxml. nfld=          156 nrecout=          1055
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
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
```

```
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
Size of pset is:          47
dataset is: GFSFLX
MXFLD is:      1200
size of lvlxml:      101500
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
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
```

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

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

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

```

ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
'rst'] 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 :      156
sum num_post_afld :      203
in readxml, aft read flat file.xml,num_post_afld=      156
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      156
dataset is: GFSPRS
MXFLD is:      1200
size of lvlsxml:      101500
size of post_avblflds param      156
in readxml. nfld=      156 nrecout=      1055
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1

```

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

Size of pset is: 47

datset is: GFSFLX

MXFLD is: 1200

size of lvlxml: 101500

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



```

ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
'thr'] in readxml,bf readxml,size(post_avblflds%param)=      1
xml_perl_data read Post flat file
allocate paramset to :      2
allocate param to :      225
sum num_post_afld :      225
allocate param to :      263
sum num_post_afld :      488
in readxml, aft read flat file.xml,num_post_afld=      263
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      263
datset is: PRSLEV
MXFLD is:      1200
size of lvlsxml:      244000
size of post_avblflds param      263
in readxml. nfld=      263 nrecout=      1083
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done

```

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

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

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

PROCESS done

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

```

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

```

Size of pset is: 225

datset is: NATLEV

MXFLD is: 1200

size of lvlsxml: 244000

size of post_avblflds param 225

in readxml. nfld= 225 nrecout= 2051

PROCESS starts

PROCESS MDLFLD done

PROCESS MDL2P done

PROCESS MDL2SIGMA done

PROCESS MDL2SIGMA2 done

PROCESS MDL2AGL done

PROCESS SURFCE done

```

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

```

PROCESS CLDRAD done

```

ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1007      222
ient,iget =      1009      224
ient,iget =      1008      223

```

```
ient,iget =      1007      222
PROCESS MISCLN done
PROCESS MDL2STD_P done
ient,iget =      1007      222
ient,iget =      1009      224
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      222
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1007      222
ient,iget =      1010      225
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1009      224
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1007      222
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1010      225
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1009      224
PROCESS done
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1010      225
```

```
'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 = 689.064678
```

```
The maximum resident set size (KB) = 1457908
```

```
Test dbg_base control_p8 PASS
```

```
OPERATION REQUIREMENT TEST WAS SUCCESSFUL
```

```
Elapsed time: 00h:12m: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 9e76a172f3b6
```

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

```
Deleted: sha256:9e76a172f3b60548c1b1734ef38c0593b5342cb3f340b011ca8a2ab199f50586
```

```
++ docker image ls
```

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

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

```
+ docker rmi -f 06d1be41bd15
```

```
Untagged: noaaepic/input-data:20221101
```

```
Untagged: noaaepic/input-
```

```
data@sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
```

```
Deleted: sha256:06d1be41bd15c135d75e718cde29d9bea0882409707a052d96df384beccafd181
```

```
Deleted: sha256:a10738fec5cfe14e9a8a867867c0abf907e46a55139d31ca4c98b47065eea12d
```

```
Deleted: sha256:50644c29ef5a27c9a40c393a73ece2479de78325cae7d762ef3cdc19bf42dd0a
```

```
[Pipeline] }
```

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

```
[Pipeline] }
```

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

```
[Pipeline] }
```

```

[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
'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 :          209
sum num_post_afld :          321
in readxml, aft read flat file.xml,num_post_afld=          209
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          209
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          160500
size of post_avblflds param          209
in readxml. nfld=          209 nrecout=          1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1

```

```
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
```



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

```

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

```

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

```

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

```

PROCESS done

```

'dcp'] in readxml,bf readxml,size(post_avblflds%param)=      47
xml_perl_data read Post flat file
allocate paramset to :      2
allocate param to :      112
sum num_post_afld :      112
allocate param to :      209
sum num_post_afld :      321
in readxml, aft read flat file.xml,num_post_afld=      209
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      209
datset is: GFSPRS
MXFLD is:      1200
size of lvlxml:      160500
size of post_avblflds param      209
in readxml. nfld=      209 nrecout=      1108

```

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

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

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

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

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

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

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

```
ient,iget =          1009          -1
ient,iget =          1010          -1
'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 :          209
sum num_post_afld :          321
in readxml, aft read flat file.xml,num_post_afld=          209
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          209
datset is: GFSPRS
MXFLD is:          1200
size of lvlsxml:          160500
size of post_avblflds param          209
in readxml. nfld=          209 nrecout=          1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
```

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

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

Size of pset is: 112

datset is: GFSFLX

MXFLD is: 1200

size of lvlxml: 160500

size of post_avblflds param 112

in readxml. nfld= 112 nrecout= 121

PROCESS starts

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



```

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

```

```

'rst'] in readxml,bf readxml,size(post_avblflds%param)=      47
xml_perl_data read Post flat file
allocate paramset to :      2
allocate param to :      112
sum num_post_afld :      112
allocate param to :      209
sum num_post_afld :      321
in readxml, aft read flat file.xml,num_post_afld=      209
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      209
dataset is: GFSPRS
MXFLD is:      1200
size of lvlxml:      160500
size of post_avblflds param      209
in readxml. nfld=      209 nrecout=      1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done

```



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

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

PROCESS done

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

'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 : 209

sum num_post_afld : 321

in readxml, aft read flat file.xml,num_post_afld= 209

```
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          209
dataset is: GFSPRS
MXFLD is:          1200
size of lvlsxml:          160500
size of post_avblflds param          209
in readxml. nfld=          209 nrecout=          1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
```

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

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

Size of pset is: 112

datset is: GFSFLX

MXFLD is: 1200

size of lvlsxml: 160500

size of post_avblflds param 112

in readxml. nfld= 112 nrecout= 121

PROCESS starts

PROCESS MDLFLD done

PROCESS MDL2P done

PROCESS MDL2SIGMA done

PROCESS MDL2SIGMA2 done

PROCESS MDL2AGL done

PROCESS SURFCE done

PROCESS CLDRAD done

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

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

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

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

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

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

```

ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
'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 :      209
sum num_post_afld :      321
in readxml, aft read flat file.xml,num_post_afld=      209
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      209
datset is: GFSPRS
MXFLD is:      1200
size of lvlsxml:      160500
size of post_avblflds param      209
in readxml. nfld=      209 nrecout=      1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1

```



```
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
```

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

```

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

```

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

```

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

```

PROCESS done

```

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

```

```
size of lvlxml:          160500
size of post_avblflds param      209
in readxml. nfld=          209 nrecout=          1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
```

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

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

Size of pset is: 112

datset is: GFSFLX

MXFLD is: 1200

size of lvlxml: 160500

size of post_avblflds param 112

in readxml. nfld= 112 nrecout= 121

PROCESS starts

PROCESS MDLFLD done

PROCESS MDL2P done

PROCESS MDL2SIGMA done

PROCESS MDL2SIGMA2 done

PROCESS MDL2AGL done

PROCESS SURFCE done

PROCESS CLDRAD done

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

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

```

    ient,iget =      1010      -1
    ient,iget =      1007      -1
    ient,iget =      1008      -1
    ient,iget =      1009      -1
    ient,iget =      1010      -1
'dcp'] in readxml,bf readxml,size(post_avblflds%param)=      225
xml_perl_data read Post flat file
allocate paramset to :      2
allocate param to :      225
sum num_post_afld :      225
allocate param to :      263
sum num_post_afld :      488
in readxml, aft read flat file.xml,num_post_afld=      263
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      263
datset is: PRSLEV
MXFLD is:      1200
size of lvlsxml:      244000
size of post_avblflds param      263
in readxml. nfld=      263 nrecout=      1083
PROCESS starts
'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 :      209
sum num_post_afld :      321
in readxml, aft read flat file.xml,num_post_afld=      209
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      209
datset is: GFSPRS
MXFLD is:      1200
size of lvlsxml:      160500
size of post_avblflds param      209
in readxml. nfld=      209 nrecout=      1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done

```

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



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

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

'dcp'] PROCESS MDLFLD done

'thr'] 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

```

```

'dcp'] PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
numr,dyval,DY_m=          0    3000000  333600.000
'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 :          156
sum num_post_afld :          203
in readxml, aft read flat file.xml,num_post_afld=          156
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          156
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          101500
size of post_avblflds param          156
in readxml. nfld=          156 nrecout=          1055
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done

```

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

```
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
Size of pset is:          47
dataset is: GFSFLX
MXFLD is:      1200
size of lvlxml:      101500
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
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
```

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

```
'dcp'] PROCESS CLDRAD done
```

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

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

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

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

Size of pset is: 225

```
datset is: NATLEV
MXFLD is:      1200
size of lvlsxml:      244000
size of post_avblflds param      225
in readxml. nfld=      225 nrecout=      2051
PROCESS starts
'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 :      209
sum num_post_afld :      321
in readxml, aft read flat file.xml,num_post_afld=      209
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      209
datset is: GFSPRS
MXFLD is:      1200
size of lvlsxml:      160500
size of post_avblflds param      209
in readxml. nfld=      209 nrecout=      1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
```



```
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
Size of pset is:      112
datset is: GFSFLX
MXFLD is:      1200
```

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

```

    ient,iget =      1008      -1
    ient,iget =      1009      -1
    ient,iget =      1010      -1
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
    ient,iget =      1007      -1
    ient,iget =      1008      -1
    ient,iget =      1009      -1
    ient,iget =      1010      -1
PROCESS done
    ient,iget =      1007      -1
    ient,iget =      1008      -1
    ient,iget =      1009      -1
    ient,iget =      1010      -1
    ient,iget =      1007      -1
    ient,iget =      1008      -1
    ient,iget =      1009      -1
    ient,iget =      1010      -1
'dcp'] PROCESS MDLFLD 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 :      209
sum num_post_afld :      321
in readxml, aft read flat file.xml,num_post_afld=      209
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      209
datset is: GFSPRS
MXFLD is:      1200
size of lvlxml:      160500
size of post_avblflds param      209
in readxml. nfld=      209 nrecout=      1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done

```

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

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

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

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

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

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

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

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

Size of pset is: 112

datset is: GFSFLX

MXFLD is: 1200

size of lvlxml: 160500

size of post_avblflds param 112

in readxml. nfld= 112 nrecout= 121

PROCESS starts

PROCESS MDLFLD done

PROCESS MDL2P done

PROCESS MDL2SIGMA done

PROCESS MDL2SIGMA2 done

PROCESS MDL2AGL done


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

```

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

```

Running test for dcp

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

++ mpiexec -n 80 ./fv3.exe

```

'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 :      209
sum num_post_afld :      321
in readxml, aft read flat file.xml,num_post_afld=      209
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      209
datset is: GFSPRS
MXFLD is:      1200
size of lvlxml:      160500
size of post_avblflds param      209
in readxml. nfld=      209 nrecout=      1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts

```

MDL2THANDPV ends

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

```

    ient,iget =      1010      -1
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
    ient,iget =      1007      -1
    ient,iget =      1008      -1
    ient,iget =      1009      -1
    ient,iget =      1010      -1
PROCESS done
'dcp'] PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
'dbit'] Size of pset is:      112
dataset is: GFSFLX
MXFLD is:      1200
size of lvlxml:      160500
size of post_avblflds param      112
in readxml. nfld=      112 nrecout=      121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
    ient,iget =      1007      -1
    ient,iget =      1007      -1
    ient,iget =      1008      -1
    ient,iget =      1009      -1
    ient,iget =      1010      -1
    ient,iget =      1008      -1
    ient,iget =      1007      -1

```

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

```

    ient,iget =      1010      -1
    ient,iget =      1007      -1
    ient,iget =      1008      -1
    ient,iget =      1009      -1
    ient,iget =      1010      -1
'dcp'] PROCESS CLDRAD done
'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
'dcp'] PROCESS MISCLN done
      PROCESS MDL2STD_P done
      PROCESS FIXED done
      MDL2THANDPV starts
      MDL2THANDPV ends
      PROCESS MDL2THANDPV done
      PROCESS CALRAD_WCLOUD done
    ient,iget =      1007      222
    ient,iget =      1008      223
    ient,iget =      1007      222
    ient,iget =      1007      222
    ient,iget =      1009      224
    ient,iget =      1007      222
    ient,iget =      1010      225
    ient,iget =      1007      222
      PROCESS done
    ient,iget =      1007      222
    ient,iget =      1007      222
    ient,iget =      1007      222
    ient,iget =      1008      223
    ient,iget =      1008      223
    ient,iget =      1008      223
    ient,iget =      1009      224
    ient,iget =      1010      225
    ient,iget =      1009      224
    ient,iget =      1009      224
    ient,iget =      1010      225
    ient,iget =      1007      222
    ient,iget =      1008      223
    ient,iget =      1010      225
    ient,iget =      1009      224
    ient,iget =      1008      223

```

```
ient,iget =          1007          222
ient,iget =          1008          223
ient,iget =          1008          223
ient,iget =          1010          225
ient,iget =          1008          223
ient,iget =          1009          224
ient,iget =          1009          224
ient,iget =          1009          224
ient,iget =          1009          224
ient,iget =          1010          225
ient,iget =          1010          225
ient,iget =          1008          223
ient,iget =          1010          225
ient,iget =          1009          224
ient,iget =          1010          225
ient,iget =          1010          225
'thr'] in readxml,bf readxml,size(post_avblflds%param)=          225
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          225
sum num_post_afld :          225
allocate param to :          263
sum num_post_afld :          488
in readxml, aft read flat file.xml,num_post_afld=          263
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          263
datset is: PRSLEV
MXFLD is:          1200
size of lvlxml:          244000
size of post_avblflds param          263
in readxml. nfld=          263 nrecout=          1083
PROCESS starts
'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'] PROCESS MDLFLD 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 :      209
sum num_post_afld :      321
in readxml, aft read flat file.xml,num_post_afld=      209
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      209
dataset is: GFSPRS
MXFLD is:      1200
size of lvlsxml:      160500
size of post_avblflds param      209
in readxml. nfld=      209 nrecout=      1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```



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

```
Size of pset is:      112
datset is: GFSFLX
MXFLD is:      1200
size of lvlxml:      160500
size of post_avblflds param      112
in readxml. nfld=      112 nrecout=      121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
```

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

```

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

```

Running test for rst

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

```

'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 :      209
sum num_post_afld :      321
in readxml, aft read flat file.xml,num_post_afld=      209
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      209
datset is: GFSPRS
MXFLD is:      1200
size of lvlxml:      160500
size of post_avblflds param      209
in readxml. nfld=      209 nrecout=      1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends

```

```
ient,iget =      1007      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

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

```

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

```

```

'dcp'] in readxml,bf readxml,size(post_avblflds%param)=      1
xml_perl_data read Post flat file
allocate paramset to :      2
allocate param to :      47
sum num_post_afld :      47
allocate param to :      156
sum num_post_afld :      203
in readxml, aft read flat file.xml,num_post_afld=      156
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      156
datset is: GFSPRS

```

```
MXFLD is:          1200
size of lvlxml:    101500
size of post_avblflds param      156
in readxml. nfld=      156 nrecout=      1055
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
```

```

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

```

```

Size of pset is:      47
dataset is: GFSFLX
MXFLD is:      1200
size of lvlsxml:      101500
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

```

```

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

```



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

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

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

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

'mpi'] Running test for mpi

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

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

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

'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

'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

'thr'] ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

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

Size of pset is: 225

datset is: NATLEV

MXFLD is: 1200

size of lvlxml: 244000

size of post_avblflds param 225

in readxml. nfld= 225 nrecout= 2051

```

PROCESS starts
PROCESS MDLFLD 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 :             209
sum num_post_afld :             321
in readxml, aft read flat file.xml,num_post_afld=          209
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:           209
datset is: GFSPRS
MXFLD is:           1200
size of lvlsxml:           160500
size of post_avblflds param          209
in readxml. nfld=           209 nrecout=           1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
ient,iget =           1007           -1
ient,iget =           1008           -1
ient,iget =           1009           -1
ient,iget =           1010           -1
ient,iget =           1007           -1
ient,iget =           1008           -1
ient,iget =           1009           -1
ient,iget =           1010           -1
ient,iget =           1007           -1
ient,iget =           1008           -1
ient,iget =           1009           -1
ient,iget =           1010           -1
ient,iget =           1007           -1
ient,iget =           1008           -1

```

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

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

Size of pset is: 112

datset is: GFSFLX

MXFLD is: 1200

size of lvlxml: 160500

size of post_avblflds param 112

in readxml. nfld= 112 nrecout= 121

PROCESS starts

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

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

```
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_6/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/20210323.060000.coupler.res .....OK
```

```
Moving RESTART/20210323.060000.fv_core.res.nc .....OK
```

```
Moving RESTART/20210323.060000.fv_core.res.tile1.nc .....OK
```

```
Moving RESTART/20210323.060000.fv_core.res.tile2.nc .....OK
```

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

The total amount of wall time = 1618.997941

The maximum resident set size (KB) = 1494556

Test bit_base control_p8 PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 00h:29m:46s. Have a nice day!

opnReqTest finished

[Pipeline] }

[Pipeline] // stage

Post stage

[Pipeline] sh

```
'bit'] ++ docker image ls
```

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

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



```

+ docker rmi -f 82c0b601a49f
Untagged: ci-test-weather:latest
Deleted: sha256:82c0b601a49f9a6b4d29b70230db6a6d72f45f8d6e50a57acedacfc8ad2eb3f
++ grep -E -m1 noaaepic
++ awk '{ print $3 }'
++ docker image ls
+ docker rmi -f 06d1be41bd15
Untagged: noaaepic/input-data:20221101
Untagged: noaaepic/input-
data@sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
Deleted: sha256:06d1be41bd15c135d75e718cde29dbea0882409707a052d96df384beccafd181
Deleted: sha256:a10738fec5cfe14e9a8a867867c0abf907e46a55139d31ca4c98b47065eea12d
Deleted: sha256:50644c29ef5a27c9a40c393a73ece2479de78325cae7d762ef3cdc19bf42dd0a
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }

```

```

'thr'] PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done

```

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

```

PROCESS CLDRAD done
ient,iget = 1007 222
ient,iget = 1007 222
ient,iget = 1007 222
ient,iget = 1007 222
ient,iget = 1007 222
ient,iget = 1008 223

```

```
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1009      224
PROCESS MISCLN done
PROCESS MDL2STD_P done
ient,iget =      1009      224
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
ient,iget =      1007      222
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      222
ient,iget =      1009      224
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1010      225
ient,iget =      1008      223
PROCESS done
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1010      225
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1010      225
```

```
'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 :          156
sum num_post_afld :          203
in readxml, aft read flat file.xml,num_post_afld=        156
in readxml, aft read flat file.xml,num_pset=              2
Size of pset is:          156
datset is: GFSPRS
MXFLD is:          1200
size of lvlsxml:          101500
size of post_avblflds param          156
in readxml. nfld=          156 nrecout=          1055
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
PROCESS done
ient,iget =          1007          -1
ient,iget =          1007          -1
ient,iget =          1008          -1

```

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

Size of pset is: 47

datset is: GFSFLX

MXFLD is: 1200

```
size of lvlxml:          101500
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
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
PROCESS done
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
```

```

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

```

```

'thr'] in readxml,bf readxml,size(post_avblflds%param)=      47
xml_perl_data read Post flat file
allocate paramset to :      2
allocate param to :      112
sum num_post_afld :      112
allocate param to :      209
sum num_post_afld :      321
in readxml, aft read flat file.xml,num_post_afld=      209
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      209
datset is: GFSPRS
MXFLD is:      1200
size of lvlsxml:      160500
size of post_avblflds param      209
in readxml. nfld=      209 nrecout=      1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done

```

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

```

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

```

Size of pset is: 112

datset is: GFSFLX

MXFLD is: 1200

size of lvlsxml: 160500

size of post_avblflds param 112

in readxml. nfld= 112 nrecout= 121

PROCESS starts

PROCESS MDLFLD done

PROCESS MDL2P done

PROCESS MDL2SIGMA done

PROCESS MDL2SIGMA2 done

PROCESS MDL2AGL done

PROCESS SURFCE done

PROCESS CLDRAD done

```

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

```



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

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

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

PROCESS CLDRAD done

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

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

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

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

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

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

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

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

```

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

```

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

```

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

```

PROCESS done

```

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

```



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

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

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

```

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

```

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

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

Size of pset is: 112

datset is: GFSFLX

MXFLD is: 1200

size of lvlxml: 160500

size of post_avblflds param 112

in readxml. nfld= 112 nrecout= 121

PROCESS starts

PROCESS MDLFLD done

PROCESS MDL2P done

PROCESS MDL2SIGMA done

PROCESS MDL2SIGMA2 done

PROCESS MDL2AGL done

PROCESS SURFCE done

PROCESS CLDRAD done

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

```

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

```

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

```

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

```

PROCESS done

'thr'] in readxml,bf readxml,size(post_avblflds%param)= 112

xml_perl_data read Post flat file

allocate paramset to : 2

allocate param to : 112

sum num_post_afld : 112

allocate param to : 209

sum num_post_afld : 321

in readxml, aft read flat file.xml,num_post_afld= 209

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

Size of pset is: 209

datset is: GFSPRS

MXFLD is: 1200

size of lvlxml: 160500

size of post_avblflds param 209

in readxml. nfld= 209 nrecout= 1108

PROCESS starts

PROCESS MDLFLD done

PROCESS MDL2P done

PROCESS MDL2SIGMA done

PROCESS MDL2SIGMA2 done

PROCESS MDL2AGL done

PROCESS SURFCE done

PROCESS CLDRAD done

PROCESS MISCLN done

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



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

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

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

```
baseline dir =
```

```
/home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/control_p8_std_base
```

```
working dir =
```

```
/home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/control_p8_std_base
```

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

Moving RESTART/20210323.060000.sfc_data.tile5.ncOK

Moving RESTART/20210323.060000.sfc_data.tile6.ncOK

The total amount of wall time = 1521.495400

The maximum resident set size (KB) = 1443084

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.ncOK

Comparing sfcf021.ncOK

Comparing sfcf024.ncOK

Comparing atmf000.ncOK

Comparing atmf021.ncOK

Comparing atmf024.ncOK

Comparing GFSFLX.GrbF00OK

Comparing GFSFLX.GrbF21OK

Comparing GFSFLX.GrbF24OK

Comparing GFSPRS.GrbF00OK

Comparing GFSPRS.GrbF21OK

Comparing GFSPRS.GrbF24OK

Comparing RESTART/20210323.060000.coupler.resOK

Comparing RESTART/20210323.060000.fv_core.res.ncOK

Comparing RESTART/20210323.060000.fv_core.res.tile1.ncOK

Comparing RESTART/20210323.060000.fv_core.res.tile2.ncOK

Comparing RESTART/20210323.060000.fv_core.res.tile3.ncOK

Comparing RESTART/20210323.060000.fv_core.res.tile4.ncOK

Comparing RESTART/20210323.060000.fv_core.res.tile5.ncOK

Comparing RESTART/20210323.060000.fv_core.res.tile6.ncOK

Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile1.ncOK

Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile2.ncOK

Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile3.ncOK

Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile4.ncOK

Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile5.ncOK

Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile6.ncOK

Comparing RESTART/20210323.060000.fv_tracer.res.tile1.ncOK

Comparing RESTART/20210323.060000.fv_tracer.res.tile2.ncOK

Comparing RESTART/20210323.060000.fv_tracer.res.tile3.ncOK

Comparing RESTART/20210323.060000.fv_tracer.res.tile4.ncOK

Comparing RESTART/20210323.060000.fv_tracer.res.tile5.ncOK

```

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

```

The total amount of wall time = 945.833071

The maximum resident set size (KB) = 1726200

Test thr control_p8 PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 00h:44m:10s. 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 08598ddd443a
```

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

```
Deleted: sha256:08598ddd443a44266fecdd5c357d071d82f8677239aa464051b1a84bdbfa4f4d0
```

```
++ docker image ls
```

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

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

```
+ docker rmi -f 06d1be41bd15
```

```
Untagged: noaaepic/input-data:20221101
```

```
Untagged: noaaepic/input-
```

```
data@sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
```

```
Deleted: sha256:06d1be41bd15c135d75e718cde29dbea0882409707a052d96df384beccafd181
```

```
Deleted: sha256:a10738fec5cfe14e9a8a867867c0abf907e46a55139d31ca4c98b47065eea12d
```

```
Deleted: sha256:50644c29ef5a27c9a40c393a73ece2479de78325cae7d762ef3cdc19bf42dd0a
```

[Pipeline] }

[Pipeline] // withEnv

```
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
'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_b
ase
working dir =
/home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/cpld_control_nowave_noaero_p8_d
bg_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/20210322.090000.coupler.res .....OK
Moving RESTART/20210322.090000.fv_core.res.nc .....OK
Moving RESTART/20210322.090000.fv_core.res.tile1.nc .....OK
Moving RESTART/20210322.090000.fv_core.res.tile2.nc .....OK
Moving RESTART/20210322.090000.fv_core.res.tile3.nc .....OK
Moving RESTART/20210322.090000.fv_core.res.tile4.nc .....OK
Moving RESTART/20210322.090000.fv_core.res.tile5.nc .....OK
Moving RESTART/20210322.090000.fv_core.res.tile6.nc .....OK
Moving RESTART/20210322.090000.fv_srf_wnd.res.tile1.nc .....OK
Moving RESTART/20210322.090000.fv_srf_wnd.res.tile2.nc .....OK
Moving RESTART/20210322.090000.fv_srf_wnd.res.tile3.nc .....OK
Moving RESTART/20210322.090000.fv_srf_wnd.res.tile4.nc .....OK
Moving RESTART/20210322.090000.fv_srf_wnd.res.tile5.nc .....OK
Moving RESTART/20210322.090000.fv_srf_wnd.res.tile6.nc .....OK
```

```

Moving RESTART/20210322.090000.fv_tracer.res.tile1.nc .....OK
Moving RESTART/20210322.090000.fv_tracer.res.tile2.nc .....OK
Moving RESTART/20210322.090000.fv_tracer.res.tile3.nc .....OK
Moving RESTART/20210322.090000.fv_tracer.res.tile4.nc .....OK
Moving RESTART/20210322.090000.fv_tracer.res.tile5.nc .....OK
Moving RESTART/20210322.090000.fv_tracer.res.tile6.nc .....OK
Moving RESTART/20210322.090000.phy_data.tile1.nc .....OK
Moving RESTART/20210322.090000.phy_data.tile2.nc .....OK
Moving RESTART/20210322.090000.phy_data.tile3.nc .....OK
Moving RESTART/20210322.090000.phy_data.tile4.nc .....OK
Moving RESTART/20210322.090000.phy_data.tile5.nc .....OK
Moving RESTART/20210322.090000.phy_data.tile6.nc .....OK
Moving RESTART/20210322.090000.sfc_data.tile1.nc .....OK
Moving RESTART/20210322.090000.sfc_data.tile2.nc .....OK
Moving RESTART/20210322.090000.sfc_data.tile3.nc .....OK
Moving RESTART/20210322.090000.sfc_data.tile4.nc .....OK
Moving RESTART/20210322.090000.sfc_data.tile5.nc .....OK
Moving RESTART/20210322.090000.sfc_data.tile6.nc .....OK
Moving RESTART/20210322.090000.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                = 2307.552771
The maximum resident set size (KB)          = 1980972

```

Test dbg_base cpld_control_nowave_noaero_p8 PASS

```

'dcp'] in readxml,bf readxml,size(post_avblflds%param)=      47
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :            112
sum num_post_afld :            112
allocate param to :            209
sum num_post_afld :            321
in readxml, aft read flat file.xml,num_post_afld=          209
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:          209
datset is: GFSPRS
MXFLD is:          1200
size of lvlxml:          160500
size of post_avblflds param          209
in readxml. nfld=          209 nrecout=          1108
PROCESS starts
PROCESS MDLFLD done

```

```
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
'dbg'] OPERATION REQUIREMENT TEST WAS SUCCESSFUL
Elapsed time: 00h:40m:03s. Have a nice day!
opnReqTest finished
'dcp'] PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
```



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

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

```

    ient,iget =      1008      -1
    ient,iget =      1009      -1
    ient,iget =      1010      -1
[Pipeline] }
[Pipeline] // stage
Post stage
[Pipeline] sh
'dbg'] ++ docker image ls
++ grep -E -m1 ci-test-weather
++ awk '{ print $3 }'
+ docker rmi -f 00675f915846
Untagged: ci-test-weather:latest
Deleted: sha256:00675f915846890198055c10d1d8c4c23602e1763828e387fe2352a54be3ccab
++ docker image ls
++ grep -E -m1 noaaepic
++ awk '{ print $3 }'
+ docker rmi -f 06d1be41bd15
Untagged: noaaepic/input-data:20221101
Untagged: noaaepic/input-
data@sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
Deleted: sha256:06d1be41bd15c135d75e718cde29d9bea0882409707a052d96df384beccafd181
Deleted: sha256:a10738fec5cfe14e9a8a867867c0abf907e46a55139d31ca4c98b47065eea12d
Deleted: sha256:50644c29ef5a27c9a40c393a73ece2479de78325cae7d762ef3cdc19bf42dd0a
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
'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 :      209
sum num_post_afld :      321
in readxml, aft read flat file.xml,num_post_afld=      209
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      209
datset is: GFSPRS
MXFLD is:      1200

```

```
size of lvlxml:          160500
size of post_avblflds param      209
in readxml. nfld=          209 nrecout=          1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
```

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

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

Size of pset is: 112

datset is: GFSFLX

MXFLD is: 1200

size of lvlxml: 160500

size of post_avblflds param 112

in readxml. nfld= 112 nrecout= 121

PROCESS starts

PROCESS MDLFLD done

PROCESS MDL2P done

PROCESS MDL2SIGMA done

PROCESS MDL2SIGMA2 done

PROCESS MDL2AGL done

PROCESS SURFCE done

PROCESS CLDRAD done

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

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

PROCESS MISCLN done

PROCESS MDL2STD_P done

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

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

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

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

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

```
Comparing RESTART/20210323.060000.sfc_data.tile5.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile6.nc .....OK
Comparing atmf024.nc .....OK
Comparing sfcf024.nc .....OK
```

```
The total amount of wall time           = 790.237924
The maximum resident set size (KB)     = 813744
```

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.ncOK

Moving sfcf021.ncOK

Moving sfcf024.ncOK

Moving atmf000.ncOK

Moving atmf021.ncOK

Moving atmf024.ncOK

Moving GFSFLX.GrbF00OK

Moving GFSFLX.GrbF21OK

Moving GFSFLX.GrbF24OK

Moving GFSPRS.GrbF00OK

Moving GFSPRS.GrbF21OK

Moving GFSPRS.GrbF24OK

Moving RESTART/20210323.060000.coupler.resOK

Moving RESTART/20210323.060000.fv_core.res.ncOK

Moving RESTART/20210323.060000.fv_core.res.tile1.ncOK

Moving RESTART/20210323.060000.fv_core.res.tile2.ncOK

Moving RESTART/20210323.060000.fv_core.res.tile3.ncOK

Moving RESTART/20210323.060000.fv_core.res.tile4.ncOK

Moving RESTART/20210323.060000.fv_core.res.tile5.ncOK

Moving RESTART/20210323.060000.fv_core.res.tile6.ncOK

Moving RESTART/20210323.060000.fv_srf_wnd.res.tile1.ncOK

Moving RESTART/20210323.060000.fv_srf_wnd.res.tile2.ncOK

Moving RESTART/20210323.060000.fv_srf_wnd.res.tile3.ncOK

Moving RESTART/20210323.060000.fv_srf_wnd.res.tile4.ncOK

Moving RESTART/20210323.060000.fv_srf_wnd.res.tile5.ncOK

Moving RESTART/20210323.060000.fv_srf_wnd.res.tile6.ncOK

Moving RESTART/20210323.060000.fv_tracer.res.tile1.ncOK


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

```
The total amount of wall time           = 1536.748193
The maximum resident set size (KB)     = 1444356
```

```
Test std_base control_p8 PASS
```

```
OPERATION REQUIREMENT TEST WAS SUCCESSFUL
```

```
Elapsed time: 00h:41m:50s. 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 2043f9c620f2
```

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

```
Deleted: sha256:2043f9c620f2c6dfea217a348f079a0774bad8f99a89c3e6c798780002fb9620
```

```
++ docker image ls
```

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

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

```
+ docker rmi -f 06d1be41bd15
```

```
Untagged: noaaepic/input-data:20221101
```

```
Untagged: noaaepic/input-
```

```
data@sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
```

```
Deleted: sha256:06d1be41bd15c135d75e718cde29d9bea0882409707a052d96df384beccafd181
```

Deleted: sha256:a10738fec5cfe14e9a8a867867c0abf907e46a55139d31ca4c98b47065eea12d

Deleted: sha256:50644c29ef5a27c9a40c393a73ece2479de78325cae7d762ef3cdc19bf42dd0a

[Pipeline] }

[Pipeline] // withEnv

[Pipeline] }

[Pipeline] // node

[Pipeline] }

[Pipeline] // withEnv

[Pipeline] }

[Pipeline] // stage

[Pipeline] }

```
'dcp'] reset of fraction_interval w          5  21600.0000
reset of fraction_interval w          5  21600.0000
reset of fraction_interval u          5  21600.0000
reset of fraction_interval u          5  21600.0000
reset of fraction_interval v          5  21600.0000
reset of fraction_interval v          5  21600.0000
in readxml,bf readxml,size(post_avblflds%param)=      225
xml_perl_data read Post flat file
allocate paramset to :                2
allocate param to :                   225
sum num_post_afld :                   225
allocate param to :                   263
sum num_post_afld :                   488
in readxml, aft read flat file.xml,num_post_afld=      263
in readxml, aft read flat file.xml,num_pset=           2
Size of pset is:                       263
datset is: PRSLEV
MXFLD is:                               1200
size of lvlsxml:                       244000
size of post_avblflds param            263
in readxml. nfld=                       263 nrecout=    1083
PROCESS starts

'rst'] Running test for rst
      THRD: 1; INPES: 2; JNPES: 2; TPN: 40

'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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

'dcp'] ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

PROCESS done

ient,iget = 1007 -1

ient,iget = 1008 -1

ient,iget = 1009 -1

ient,iget = 1010 -1

ient,iget = 1007 -1

```

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

```

```

Size of pset is:      225
datset is: NATLEV
MXFLD is:      1200
size of lvlsxml:      244000
size of post_avblflds param      225
in readxml. nfld=      225 nrecout=      2051
PROCESS starts

```

```

'rst'] Using non-aerosol-aware version of Thompson microphysics
      calling table_ccnAct routine
      creating qc collision eff tables
      creating rain evap table
      creating ice converting to snow table
      creating rain collecting graupel table
      creating freezing of water drops table
      ... DONE microphysical lookup tables
'dcp'] PROCESS MDLFLD done
'mpi'] in readxml,bf readxml,size(post_avblflds%param)=      1

```

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

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

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

Size of pset is: 112

datset is: GFSFLX

MXFLD is: 1200

size of lvlxml: 160500

size of post_avblflds param 112

in readxml. nfld= 112 nrecout= 121

PROCESS starts

PROCESS MDLFLD done

PROCESS MDL2P done

PROCESS MDL2SIGMA done

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



```

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

```

```

'dcp'] PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done

```

```

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

```

```

PROCESS CLDRAD done
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1007      222
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1007      222
ient,iget =      1008      223

```

```

PROCESS MISCLN done
PROCESS MDL2STD_P done

```

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

ient,iget =	1009	224
ient,iget =	1007	222
ient,iget =	1008	223
ient,iget =	1010	225
ient,iget =	1008	223
ient,iget =	1007	222
ient,iget =	1007	222
ient,iget =	1007	222
ient,iget =	1007	222
ient,iget =	1009	224
ient,iget =	1009	224
ient,iget =	1008	223
ient,iget =	1008	223
ient,iget =	1008	223
ient,iget =	1010	225
ient,iget =	1008	223
ient,iget =	1009	224
ient,iget =	1008	223
ient,iget =	1009	224
ient,iget =	1009	224
ient,iget =	1010	225
ient,iget =	1009	224
ient,iget =	1009	224
ient,iget =	1010	225
ient,iget =	1010	225
ient,iget =	1010	225
ient,iget =	1010	225

PROCESS done

ient,iget =	1010	225
ient,iget =	1009	224
ient,iget =	1010	225

Running test for dcp

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

'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

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

```
'thr'] in readxml,bf readxml,size(post_avblflds%param)=      225
      xml_perl_data read Post flat file
      allocate paramset to :          2
      allocate param to :            225
      sum num_post_afld :            225
      allocate param to :            263
      sum num_post_afld :            488
      in readxml, aft read flat file.xml,num_post_afld=      263
      in readxml, aft read flat file.xml,num_pset=           2
      Size of pset is:              263
      dataset is: PRSLEV
      MXFLD is:                    1200
      size of lvlsxml:              244000
      size of post_avblflds param    263
      in readxml. nflld=            263 nrecout=            1083
      PROCESS starts
```

```
'dcp']
```

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

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

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

WARNING from PE 2: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

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

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

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

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

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

WARNING from PE 36: atmos_modeldefine_blocks_packed: domain (64 16) is not an even divisor with definition (28) - blocks will not be uniform with a remainder of 16

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

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

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

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

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

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

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

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

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

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

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

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

WARNING from PE 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 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 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 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 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

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'] PROCESS MDLFLD 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 :          209
sum num_post_afld :          321
in readxml, aft read flat file.xml,num_post_afld=          209
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          209
datset is: GFSPRS
MXFLD is:          1200
size of lvlsxml:          160500
size of post_avblflds param          209
in readxml. nfld=          209 nrecout=          1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
PROCESS done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1

```

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

Size of pset is: 112

datset is: GFSFLX

MXFLD is: 1200

size of lvlxml: 160500

size of post_avblflds param 112

in readxml. nfld= 112 nrecout= 121

PROCESS starts

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

```

ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
'dcp'] in readxml,bf readxml,size(post_avblflds%param)=      1
xml_perl_data read Post flat file
allocate paramset to :      2
allocate param to :      225
sum num_post_afld :      225
allocate param to :      263
sum num_post_afld :      488
in readxml, aft read flat file.xml,num_post_afld=      263
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      263
datset is: PRSLEV
MXFLD is:      1200
size of lvlxml:      244000
size of post_avblflds param      263
in readxml. nfld=      263 nrecout=      1083
PROCESS starts
PROCESS MDLFLD done
'thr'] PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000

```

```

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

```

PROCESS CLDRAD done

'dcp'] PROCESS MDL2P done

PROCESS MDL2SIGMA done

PROCESS MDL2SIGMA2 done

PROCESS MDL2AGL done

PROCESS SURFCE done

```

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

```

'thr'] PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

```

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

```

PROCESS done

```

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

```

```

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

```

```

Size of pset is:      225
datset is: NATLEV
MXFLD is:      1200
size of lvlsxml:      244000
size of post_avblflds param      225
in readxml. nfld=      225 nrecout=      2051

```

PROCESS starts

'dcp'] PROCESS CLDRAD done

'thr'] PROCESS MDLFLD done

'dcp'] PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

```

ient,iget =      1007      -1

```

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

Size of pset is: 225

datset is: NATLEV

MXFLD is: 1200

size of lvlxml: 244000

```
size of post_avblflds param          225
in readxml. nfld=          225 nrecout=          2051
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=          0      3000000      333600.000
numr,dyval,DY_m=          0      3000000      333600.000
numr,dyval,DY_m=          0      3000000      333600.000
numr,dyval,DY_m=          0      3000000      333600.000
numr,dyval,DY_m=          0      3000000      333600.000
numr,dyval,DY_m=          0      3000000      333600.000
numr,dyval,DY_m=          0      3000000      333600.000
numr,dyval,DY_m=          0      3000000      333600.000
numr,dyval,DY_m=          0      3000000      333600.000
numr,dyval,DY_m=          0      3000000      333600.000
PROCESS CLDRAD done
ient,iget =          1007          222
ient,iget =          1008          223
ient,iget =          1007          222
ient,iget =          1009          224
ient,iget =          1008          223
ient,iget =          1010          225
ient,iget =          1009          224
ient,iget =          1010          225
ient,iget =          1007          222
ient,iget =          1008          223
ient,iget =          1009          224
ient,iget =          1010          225
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =          1007          222
ient,iget =          1008          223
ient,iget =          1009          224
ient,iget =          1010          225
PROCESS done
```



```

ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1007      222
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1010      225
ient,iget =      1010      225
ient,iget =      1009      224
ient,iget =      1010      225

```

```

'dcp'] in readxml,bf readxml,size(post_avblflds%param)=      112
xml_perl_data read Post flat file
allocate paramset to :      2
allocate param to :      112
sum num_post_afld :      112
allocate param to :      209
sum num_post_afld :      321
in readxml, aft read flat file.xml,num_post_afld=      209
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      209
datset is: GFSPRS
MXFLD is:      1200
size of lvlxml:      160500
size of post_avblflds param      209
in readxml. nfld=      209 nrecout=      1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done

```

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

```

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

```

```

'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

```

```

'dcp'] Size of pset is:      112
datset is: GFSFLX
MXFLD is:      1200
size of lvlxml:      160500
size of post_avblflds param      112
in readxml. nfld=      112 nrecout=      121
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done

```

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

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

'thr'] PROCESS CLDRAD done

'dcp'] cat: '/home/builder/ufs-weather-

model/tests/log_opnReqTest_linux.gnu/compile_*_time.log': No such file or directory

baseline dir =

/home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/control_p8_std_base

working dir = /home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_6/control_p8_dcp

Checking test dcp control_p8 results

```
Comparing sfcf000.nc .....OK
Comparing sfcf021.nc .....OK
Comparing sfcf024.nc .....OK
Comparing atmf000.nc .....OK
Comparing atmf021.nc .....OK
Comparing atmf024.nc .....OK
Comparing GFSFLX.GrbF00 .....OK
Comparing GFSFLX.GrbF21 .....OK
Comparing GFSFLX.GrbF24 .....OK
Comparing GFSPRS.GrbF00 .....OK
Comparing GFSPRS.GrbF21 .....OK
Comparing GFSPRS.GrbF24 .....OK
Comparing RESTART/20210323.060000.coupler.res .....OK
Comparing RESTART/20210323.060000.fv_core.res.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile1.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile2.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile3.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile4.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile5.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile6.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile1.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile2.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile3.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile4.nc .....OK
```

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

The total amount of wall time = 1589.144994

The maximum resident set size (KB) = 1444012

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_6/control_p8_std_base

Checking test std_base control_p8 results

Moving baseline std_base control_p8 files

Moving sfcf000.ncOK

Moving sfcf021.ncOK

Moving sfcf024.ncOK

Moving atmf000.ncOK

Moving atmf021.ncOK

Moving atmf024.ncOK

Moving GFSFLX.GrbF00OK

Moving GFSFLX.GrbF21OK

Moving GFSFLX.GrbF24OK

Moving GFSPRS.GrbF00OK

Moving GFSPRS.GrbF21OK

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

```
The total amount of wall time           = 1549.723528
The maximum resident set size (KB)     = 1444704
```

```
Test std_base control_p8 PASS
```

```
OPERATION REQUIREMENT TEST WAS SUCCESSFUL
```

```
Elapsed time: 00h:55m:23s. Have a nice day!
```

```
opnReqTest finished
```

```
[Pipeline] }
```

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

```

Post stage
[Pipeline] sh
'thr'] ient,iget =          1007          222
'dcp'] ient,iget++ docker image ls
      ++ grep -E -m1 ci-test-weather
      ++ awk '{ print $3 }'
      + docker rmi -f 0a1f902d6235
'thr'] Untagged: ci =          1007          222
      PROCESS MISCLN done
'dcp'] ient,iget =          1007          -test-weather:latest
      Deleted: sha256:0a1f902d6235b2126183cb9955c916be728be4dbdb1855cbdf1fc7eeee71e33d
'thr'] ++ docker    222
      PROCESS MDL2STD_P done
      PROCESS FIXED done
      MDL2THANDPV starts
      MDL2THANDPV ends
'dcp'] PROCESS MDL2HANDimage ls
      ++ grep -E -m1 noaaepic
      ++ awk '{ print $3 }'
      + docker rmi -f 06d1be41bd15
'thr'] PV done
      PROCESS CALRAD_WCLOUD done
      ient,iget =          1007          222
      ient,iget =          1007          222
      ient,iget =          1008          223
      ient,iget =          1008          223
      ient,iget =          1007          222
      ient,iget =          1007          222
      ient,iget =          1009          224
      ient,iget =          1009          224
      ient,iget =          1010          225
      ient,iget =          1007          222
      ient,iget =          1008          223
      ient,iget =          1010          225
      ient,iget =          1008          223
      ient,iget =          1008          223
      ient,iget =          1009          224
      ient,iget =          1009          224
      ient,iget =          1009          224
      PROCESS done
      ient,iget =          1010          225
      ient,iget =          1010          225
      ient,iget =          1010          225
      ient,iget =          1008          223

```



```
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1007      222
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1010      225
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1010      225
```

```
'dcp'] Untagged: noaaepic/input-data:20221101
```

```
Untagged: noaaepic/input-
```

```
data@sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
```

```
Deleted: sha256:06d1be41bd15c135d75e718cde29dbea0882409707a052d96df384beccafd181
```

```
Deleted: sha256:a10738fec5cfe14e9a8a867867c0abf907e46a55139d31ca4c98b47065eea12d
```

```
Deleted: sha256:50644c29ef5a27c9a40c393a73ece2479de78325cae7d762ef3cdc19bf42dd0a
```

```
[Pipeline] }
```

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

```
[Pipeline] }
```

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

```
[Pipeline] }
```

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

```
[Pipeline] }
```

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

```
[Pipeline] }
```

```
'thr'] Running test for thr
```

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

```
++ mpiexec -n 70 ./fv3.exe
```

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

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

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

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

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

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

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

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

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

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

WARNING from PE 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 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 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 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 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 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

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 :           225
sum num_post_afld :           225
allocate param to :           263
sum num_post_afld :           488
in readxml, aft read flat file.xml,num_post_afld=          263
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:          263
datset is: PRSLEV
MXFLD is:          1200
size of lvlsxml:          244000
size of post_avblflds param          263
in readxml. nfld=          263 nrecout=          1083
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
PROCESS CLDRAD done
ient,iget =          1007          -1
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =          1007          -1

```

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

PROCESS done

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

Size of pset is: 225

datset is: NATLEV

MXFLD is: 1200

size of lvlsxml: 244000

size of post_avblflds param 225

in readxml. nfld= 225 nrecout= 2051

PROCESS starts

PROCESS MDLFLD done

PROCESS MDL2P done


```

PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
PROCESS CLDRAD done
ient,iget =          1007          222
ient,iget =          1007          222
ient,iget =          1008          223
PROCESS MISCLN done
ient,iget =          1007          222
ient,iget =          1007          222
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
ient,iget =          1008          223
PROCESS CALRAD_WCLOUD done
ient,iget =          1007          222
ient,iget =          1008          223
ient,iget =          1008          223
ient,iget =          1007          222
ient,iget =          1009          224
ient,iget =          1009          224
ient,iget =          1009          224
ient,iget =          1009          224
ient,iget =          1010          225
ient,iget =          1008          223
ient,iget =          1010          225
ient,iget =          1008          223
ient,iget =          1007          222
ient,iget =          1010          225
ient,iget =          1010          225
ient,iget =          1008          223

```

```

ient,iget =      1009      224
ient,iget =      1007      222
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1010      225

```

PROCESS done

```

ient,iget =      1010      225
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1010      225

```

```

'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 :      209
sum num_post_afld :      321
in readxml, aft read flat file.xml,num_post_afld=      209
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      209
datset is: GFSPRS
MXFLD is:      1200
size of lvlxml:      160500
size of post_avblflds param      209
in readxml. nfld=      209 nrecout=      1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done

```

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

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

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

```
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1007      -1
ient,iget =      1010      -1
PROCESS done
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
in readxml,bf readxml,size(post_avblflds%param)=      112
xml_perl_data read Post flat file
allocate paramset to :      2
allocate param to :      112
sum num_post_afld :      112
allocate param to :      209
sum num_post_afld :      321
in readxml, aft read flat file.xml,num_post_afld=      209
```

```
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          209
dataset is: GFSPRS
MXFLD is:          1200
size of lvlsxml:          160500
size of post_avblflds param          209
in readxml. nfld=          209 nrecout=          1108
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
PROCESS CLDRAD done
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
```

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

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

Size of pset is: 112

datset is: GFSFLX

MXFLD is: 1200

size of lvlsxml: 160500

size of post_avblflds param 112

in readxml. nfld= 112 nrecout= 121

PROCESS starts

PROCESS MDLFLD done

PROCESS MDL2P done

PROCESS MDL2SIGMA done

PROCESS MDL2SIGMA2 done

PROCESS MDL2AGL done

PROCESS SURFCE done

PROCESS CLDRAD done

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

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



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

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

```
baseline dir =
```

```
/home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/control_p8_std_base
```

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

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

```
Comparing sfcf000.nc .....OK
Comparing sfcf021.nc .....OK
Comparing sfcf024.nc .....OK
Comparing atmf000.nc .....OK
Comparing atmf021.nc .....OK
Comparing atmf024.nc .....OK
Comparing GFSFLX.GrbF00 .....OK
Comparing GFSFLX.GrbF21 .....OK
Comparing GFSFLX.GrbF24 .....OK
Comparing GFSPRS.GrbF00 .....OK
Comparing GFSPRS.GrbF21 .....OK
Comparing GFSPRS.GrbF24 .....OK
Comparing RESTART/20210323.060000.coupler.res .....OK
Comparing RESTART/20210323.060000.fv_core.res.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile1.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile2.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile3.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile4.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile5.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile6.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile1.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile2.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile3.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile4.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile5.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile6.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile1.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile2.nc .....OK
```

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

The total amount of wall time = 2042.984852

The maximum resident set size (KB) = 1583236

Test mpi control_p8 PASS

baseline dir =

/home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/control_p8_std_base

working dir =

/home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/control_p8_std_base

Checking test std_base control_p8 results

Moving baseline std_base control_p8 files

Moving sfcf000.ncOK

Moving sfcf021.ncOK

Moving sfcf024.ncOK

Moving atmf000.ncOK

Moving atmf021.ncOK

Moving atmf024.ncOK

Moving GFSFLX.GrbF00OK

Moving GFSFLX.GrbF21OK

Moving GFSFLX.GrbF24OK

Moving GFSPRS.GrbF00OK

Moving GFSPRS.GrbF21OK

Moving GFSPRS.GrbF24OK

Moving RESTART/20210323.060000.coupler.resOK

Moving RESTART/20210323.060000.fv_core.res.ncOK

Moving RESTART/20210323.060000.fv_core.res.tile1.ncOK

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

The total amount of wall time = 1550.995756

The maximum resident set size (KB) = 1441180

Test std_base control_p8 PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 01h:02m:56s. 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 58ba5c49863b
Untagged: ci-test-weather:latest
Deleted: sha256:58ba5c49863b8de35bab557d4f7c77766e9b741657f94a3fc24fd14a0885dc78
++ docker image ls
++ grep -E -m1 noaaepic
++ awk '{ print $3 }'
+ docker rmi -f 06d1be41bd15
Untagged: noaaepic/input-data:20221101
Untagged: noaaepic/input-
data@sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
Deleted: sha256:06d1be41bd15c135d75e718cde29d9bea0882409707a052d96df384beccafd181
Deleted: sha256:a10738fec5cfe14e9a8a867867c0abf907e46a55139d31ca4c98b47065eea12d
Deleted: sha256:50644c29ef5a27c9a40c393a73ece2479de78325cae7d762ef3cdc19bf42dd0a
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
'rst'] cat: '/home/builder/ufs-weather-
model/tests/log_opnReqTest_linux.gnu/compile_*_time.log': No such file or directory

baseline dir =
/home/builder/stmp4/builder/FV3_OPNREQ_TEST/OPNREQ_TEST/cpld_control_c96_noaero_p8_std_b
ase
working dir =
/home/builder/stmp2/builder/FV3_OPNREQ_TEST/opnReqTest_7/cpld_control_nowave_noaero_p8_r
st
Checking test rst cpld_control_nowave_noaero_p8 results ....
Comparing RESTART/20210323.060000.MOM.res.nc .....OK
Comparing RESTART/20210323.060000.coupler.res .....OK
Comparing RESTART/20210323.060000.fv_core.res.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile1.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile2.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile3.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile4.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile5.nc .....OK
Comparing RESTART/20210323.060000.fv_core.res.tile6.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile1.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile2.nc .....OK

```

```
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile3.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile4.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile5.nc .....OK
Comparing RESTART/20210323.060000.fv_srf_wnd.res.tile6.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile1.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile2.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile3.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile4.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile5.nc .....OK
Comparing RESTART/20210323.060000.fv_tracer.res.tile6.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile1.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile2.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile3.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile4.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile5.nc .....OK
Comparing RESTART/20210323.060000.phy_data.tile6.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile1.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile2.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile3.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile4.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile5.nc .....OK
Comparing RESTART/20210323.060000.sfc_data.tile6.nc .....OK
Comparing RESTART/iced.2021-03-23-21600.nc .....OK
Comparing RESTART/ufs.cpld.cpl.r.2021-03-23-21600.nc .....OK
Comparing atmf024.tile1.nc .....OK
Comparing atmf024.tile2.nc .....OK
Comparing atmf024.tile3.nc .....OK
Comparing atmf024.tile4.nc .....OK
Comparing atmf024.tile5.nc .....OK
Comparing atmf024.tile6.nc .....OK
Comparing sfcf024.tile1.nc .....OK
Comparing sfcf024.tile2.nc .....OK
Comparing sfcf024.tile3.nc .....OK
Comparing sfcf024.tile4.nc .....OK
Comparing sfcf024.tile5.nc .....OK
Comparing sfcf024.tile6.nc .....OK
```

The total amount of wall time = 1361.436304

The maximum resident set size (KB) = 1465924

Test rst cpld_control_nowave_noaero_p8 PASS

baseline dir =

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

```
working dir =
```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```
Moving RESTART/20210323.060000.fv_core.res.nc .....OK
```

```
Moving RESTART/20210323.060000.fv_core.res.tile1.nc .....OK
```

```
Moving RESTART/20210323.060000.fv_core.res.tile2.nc .....OK
```

```
Moving RESTART/20210323.060000.fv_core.res.tile3.nc .....OK
```

```
Moving RESTART/20210323.060000.fv_core.res.tile4.nc .....OK
```

```
Moving RESTART/20210323.060000.fv_core.res.tile5.nc .....OK
```

```
Moving RESTART/20210323.060000.fv_core.res.tile6.nc .....OK
```

```
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile1.nc .....OK
```

```
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile2.nc .....OK
```

```
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile3.nc .....OK
```

```
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile4.nc .....OK
```

```
Moving RESTART/20210323.060000.fv_srf_wnd.res.tile5.nc .....OK
```

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

```
The total amount of wall time           = 2724.409661
The maximum resident set size (KB)     = 1963844
```

```
Test std_base cpld_control_nowave_noaero_p8 PASS
```

```
OPERATION REQUIREMENT TEST WAS SUCCESSFUL
```

```
Elapsed time: 01h:12m:12s. 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 9900a4e892af
```

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

```
Deleted: sha256:9900a4e892afb0d2e5ca0552f02a8db31331d02432c55f1f282edd40116fc56d
```

```
++ docker image ls
```

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

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



```

+ docker rmi -f 06d1be41bd15
Untagged: noaaepic/input-data:20221101
Untagged: noaaepic/input-
data@sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
Deleted: sha256:06d1be41bd15c135d75e718cde29d9bea0882409707a052d96df384beccafd181
Deleted: sha256:a10738fec5cfe14e9a8a867867c0abf907e46a55139d31ca4c98b47065eea12d
Deleted: sha256:50644c29ef5a27c9a40c393a73ece2479de78325cae7d762ef3cdc19bf42dd0a
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
'dcp'] reset of fraction_interval w          5  10800.0000
reset of fraction_interval w          5  10800.0000
reset of fraction_interval u          5  10800.0000
reset of fraction_interval u          5  10800.0000
reset of fraction_interval v          5  10800.0000
reset of fraction_interval v          5  10800.0000
in readxml,bf readxml,size(post_avblflds%param)=          225
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          225
sum num_post_afld :          225
allocate param to :          263
sum num_post_afld :          488
in readxml, aft read flat file.xml,num_post_afld=          263
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          263
datset is: PRSLEV
MXFLD is:          1200
size of lvlsxml:          244000
size of post_avblflds param          263
in readxml. nfld=          263 nrecout=          1083
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
numr,dyval,DY_m=          0          3000000          333600.000

```


PROCESS SURFCE done

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

PROCESS CLDRAD done

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

PROCESS MISCLN done

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

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

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

```

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

```

Size of pset is: 225

datset is: NATLEV

MXFLD is: 1200

size of lvlsxml: 244000

size of post_avblflds param 225

in readxml. nfld= 225 nrecout= 2051

PROCESS starts

```

'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

```

```

'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
ient,iget =      1007      222
ient,iget =      1008      223
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
ient,iget =      1009      224
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1007      222
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1008      223
ient,iget =      1010      225
ient,iget =      1009      224
ient,iget =      1010      225
PROCESS done
ient,iget =      1010      225
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1009      224
ient,iget =      1010      225
```

```

ient,iget =          1010          225
ient,iget =          1009          224
ient,iget =          1010          225
ient,iget =          1010          225
ient,iget =          1010          225
'thr'] in readxml,bf readxml,size(post_avblflds%param)=          225
xml_perl_data read Post flat file
allocate paramset to :          2
allocate param to :          225
sum num_post_afld :          225
allocate param to :          263
sum num_post_afld :          488
in readxml, aft read flat file.xml,num_post_afld=          263
in readxml, aft read flat file.xml,num_pset=          2
Size of pset is:          263
datset is: PRSLEV
MXFLD is:          1200
size of lvlsxml:          244000
size of post_avblflds param          263
in readxml. nfld=          263 nrecout=          1083
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
numr,dyval,DY_m=          0          3000000          333600.000
PROCESS CLDRAD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1

```

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

PROCESS MISCLN done

PROCESS MDL2STD_P done

PROCESS FIXED done

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

MDL2THANDPV starts

MDL2THANDPV ends

PROCESS MDL2THANDPV done

PROCESS CALRAD_WCLOUD done

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

PROCESS done

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

Size of pset is: 225

datset is: NATLEV

```

MXFLD is:          1200
size of lvlxml:    244000
size of post_avblflds param      225
in readxml. nfld=      225 nrecout=      2051
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
numr,dyval,DY_m=      0      3000000      333600.000
PROCESS CLDRAD done
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1008      223
PROCESS MISCLN done
PROCESS MDL2STD_P done
ient,iget =      1008      223
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1008      223
ient,iget =      1007      222
ient,iget =      1009      224

```

```

ient,iget =      1007      222
ient,iget =      1010      225
ient,iget =      1010      225
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1007      222
ient,iget =      1009      224
ient,iget =      1008      223
ient,iget =      1010      225
PROCESS done
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1010      225
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)=      225
xml_perl_data read Post flat file
allocate paramset to :      2
allocate param to :      225
sum num_post_afld :      225
allocate param to :      263
sum num_post_afld :      488
in readxml, aft read flat file.xml,num_post_afld=      263
in readxml, aft read flat file.xml,num_pset=      2
Size of pset is:      263
datset is: PRSLEV
MXFLD is:      1200

```

```

size of lvlxml:          244000
size of post_avblflds param      263
in readxml. nfld=          263 nrecout=          1083
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=          0      3000000    333600.000
numr,dyval,DY_m=          0      3000000    333600.000
numr,dyval,DY_m=          0      3000000    333600.000
numr,dyval,DY_m=          0      3000000    333600.000
numr,dyval,DY_m=          0      3000000    333600.000
numr,dyval,DY_m=          0      3000000    333600.000
numr,dyval,DY_m=          0      3000000    333600.000
numr,dyval,DY_m=          0      3000000    333600.000
numr,dyval,DY_m=          0      3000000    333600.000
numr,dyval,DY_m=          0      3000000    333600.000
numr,dyval,DY_m=          0      3000000    333600.000
PROCESS CLDRAD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1
ient,iget =          1010          -1
PROCESS done
ient,iget =          1007          -1
ient,iget =          1008          -1
ient,iget =          1009          -1

```



```

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

```

Size of pset is: 225

datset is: NATLEV

MXFLD is: 1200

size of lvlxml: 244000

size of post_avblflds param 225

in readxml. nfld= 225 nrecout= 2051

PROCESS starts

PROCESS MDLFLD done

PROCESS MDL2P done

PROCESS MDL2SIGMA done

PROCESS MDL2SIGMA2 done

PROCESS MDL2AGL done

PROCESS SURFCE done

numr,dyval,DY_m= 0 3000000 333600.000

numr,dyval,DY_m= 0 3000000 333600.000

numr,dyval,DY_m= 0 3000000 333600.000

numr,dyval,DY_m= 0 3000000 333600.000

numr,dyval,DY_m= 0 3000000 333600.000

numr,dyval,DY_m= 0 3000000 333600.000

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

PROCESS CLDRAD done

```
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1008      223
```

PROCESS MISCLN done

```
ient,iget =      1007      222
```

PROCESS MDL2STD_P done

PROCESS FIXED done

MDL2THANDPV starts

MDL2THANDPV ends

```
ient,iget =      1009      224
```

PROCESS MDL2THANDPV done

```
ient,iget =      1010      225
```

PROCESS CALRAD_WCLOUD done

```
ient,iget =      1007      222
ient,iget =      1009      224
ient,iget =      1008      223
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1008      223
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1007      222
ient,iget =      1010      225
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1010      225
ient,iget =      1010      225
```

PROCESS done

```
ient,iget =      1009      224
```

```
ient,iget =      1010      225
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1010      225
```

```
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           = 3079.691756
The maximum resident set size (KB)     = 807312
```

```
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.GrbF00OK

Comparing NATLEV.GrbF06OK

The total amount of wall time = 1931.387827

The maximum resident set size (KB) = 754896

Test thr regional_control PASS

OPERATION REQUIREMENT TEST WAS SUCCESSFUL

Elapsed time: 01h:26m:25s. 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 6a2e551b2be2

Untagged: ci-test-weather:latest

Deleted: sha256:6a2e551b2be259014a5eaa180a6d0cd73988f9b9e1dfb3a5fa353ecd936ada16

++ docker image ls

++ grep -E -m1 noaaepic

++ awk '{ print \$3 }'

+ docker rmi -f 06d1be41bd15

Untagged: noaaepic/input-data:20221101

Untagged: noaaepic/input-

data@sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a

Deleted: sha256:06d1be41bd15c135d75e718cde29d9bea0882409707a052d96df384beccafd181

Deleted: sha256:a10738fec5cfe14e9a8a867867c0abf907e46a55139d31ca4c98b47065eea12d

Deleted: sha256:50644c29ef5a27c9a40c393a73ece2479de78325cae7d762ef3cdc19bf42dd0a

[Pipeline] }

[Pipeline] // withEnv

[Pipeline] }

[Pipeline] // node

[Pipeline] }

[Pipeline] // withEnv

[Pipeline] }

[Pipeline] // stage

[Pipeline] }

'dcp'] reset of fraction_interval w 5 21600.0000

reset of fraction_interval w 5 21600.0000

reset of fraction_interval u 5 21600.0000

reset of fraction_interval u 5 21600.0000

```

reset of fraction_interval v          5  21600.0000
reset of fraction_interval v          5  21600.0000
in readxml,bf readxml,size(post_avblflds%param)=          225
xml_perl_data read Post flat file
allocate paramset to :                2
allocate param to :                   225
sum num_post_afld :                   225
allocate param to :                   263
sum num_post_afld :                   488
in readxml, aft read flat file.xml,num_post_afld=          263
in readxml, aft read flat file.xml,num_pset=                2
Size of pset is:                      263
datset is: PRSLEV
MXFLD is:                             1200
size of lvlsxml:                      244000
size of post_avblflds param           263
in readxml. nfld=                      263 nrecout=          1083
PROCESS starts
PROCESS MDLFLD done
PROCESS MDL2P done
PROCESS MDL2SIGMA done
PROCESS MDL2SIGMA2 done
PROCESS MDL2AGL done
PROCESS SURFCE done
numr,dyval,DY_m=                      0   3000000  333600.000
numr,dyval,DY_m=                      0   3000000  333600.000
numr,dyval,DY_m=                      0   3000000  333600.000
numr,dyval,DY_m=                      0   3000000  333600.000
numr,dyval,DY_m=                      0   3000000  333600.000
numr,dyval,DY_m=                      0   3000000  333600.000
numr,dyval,DY_m=                      0   3000000  333600.000
numr,dyval,DY_m=                      0   3000000  333600.000
numr,dyval,DY_m=                      0   3000000  333600.000
numr,dyval,DY_m=                      0   3000000  333600.000
numr,dyval,DY_m=                      0   3000000  333600.000
PROCESS CLDRAD done
ient,iget =                            1007          -1
ient,iget =                            1008          -1
ient,iget =                            1009          -1
ient,iget =                            1010          -1
ient,iget =                            1007          -1
ient,iget =                            1008          -1
ient,iget =                            1009          -1
ient,iget =                            1010          -1
ient,iget =                            1007          -1

```

```
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS MISCLN done
PROCESS MDL2STD_P done
PROCESS FIXED done
MDL2THANDPV starts
MDL2THANDPV ends
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
PROCESS done
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1007      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
ient,iget =      1008      -1
ient,iget =      1009      -1
ient,iget =      1010      -1
Size of pset is:      225
datset is: NATLEV
MXFLD is:      1200
size of lvlxml:      244000
size of post_avblflds param      225
```

```

in readxml. nfld=          225 nrecout=          2051
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
ient,iget =          1007          222
PROCESS MDL2THANDPV done
PROCESS CALRAD_WCLOUD done
ient,iget =          1007          222
ient,iget =          1008          223
ient,iget =          1008          223
ient,iget =          1009          224
ient,iget =          1007          222
ient,iget =          1009          224
ient,iget =          1008          223
ient,iget =          1010          225
ient,iget =          1010          225
ient,iget =          1009          224
PROCESS done
ient,iget =          1010          225
ient,iget =          1007          222
ient,iget =          1008          223
ient,iget =          1009          224
ient,iget =          1010          225
ient,iget =          1007          222

```

```
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1007      222
ient,iget =      1010      225
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1007      222
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1008      223
ient,iget =      1008      223
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1009      224
ient,iget =      1010      225
ient,iget =      1010      225
ient,iget =      1010      225
```

```
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 = 2468.534752
```

```
The maximum resident set size (KB) = 749468
```

```
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 = 3036.956020
```

```
The maximum resident set size (KB) = 819632
```

```
Test std_base regional_control PASS
```

```
OPERATION REQUIREMENT TEST WAS SUCCESSFUL
```

```
opnReqTest finished
```

```
Elapsed time: 01h:34m:36s. Have a nice day!
```

```
[Pipeline] }
```

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

```
Post stage
```

```
[Pipeline] sh
```

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

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

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

```
+ docker rmi -f 4e71346f95bb
```

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

```
Deleted: sha256:4e71346f95bbd36564f203895fd4070cc11518676ee721f57925a95c820048ec
```

```
++ docker image ls
```

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

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

```
+ docker rmi -f 06d1be41bd15
```

```
Untagged: noaaepic/input-data:20221101
```

```
Untagged: noaaepic/input-
```

```
data@sha256:6495e6a8c76b44f8b54cd9805bb68d3d47504d06737455bec98512dac4948c8a
```

```
Deleted: sha256:06d1be41bd15c135d75e718cde29d9bea0882409707a052d96df384beccafd181
```

```
Deleted: sha256:a10738fec5cfe14e9a8a867867c0abf907e46a55139d31ca4c98b47065eea12d
```

```
Deleted: sha256:50644c29ef5a27c9a40c393a73ece2479de78325cae7d762ef3cdc19bf42dd0a
[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 2.387.1