

+ date

Sun Sep 26 02:16:57 PDT 2021

+ ./home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/ush/hwrf_pre_job.sh.inc

++ [[Q != \Q]]

++ [[Q != \Q]]

++ [[QQcheyenne == QQ]]

+++ eval '__text="text" ; if [[\$__text =~ ^(t).*]] ; then printf "%s" "\${sh.match[1]} ; fi'

+++ cat

++ __ms_ksh_test=

/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/ush/hwrf_pre_job.sh.inc: line 54:
__ms_function_name: unbound variable

+++ cat

++ __ms_bash_test=

++ [[! -z "]]

++ [[! -z "]]

++ __ms_shell=sh

++ moduleuse=/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/modulefiles/cheyenne

++ case "\${WHERE_AM_I:-unknown}" in

+ moduleuse=no

++ [[no != no]]

++ [[NO != YES]]

++ [[cheyenne == zeus]]

++ [[cheyenne == jet]]

++ [[cheyenne == ttfri]]

++ echo =====/proc/meminfo=====

=====

++ cat /proc/meminfo

MemTotal: 1056386276 kB

MemFree: 1049080600 kB

MemAvailable: 1046458572 kB

Buffers: 0 kB

Cached: 3065248 kB

SwapCached: 0 kB

Active: 110828 kB

Inactive: 3034668 kB

Active(anon): 110824 kB

Inactive(anon): 3034668 kB

Active(file): 4 kB

Inactive(file): 0 kB

Unevictable: 0 kB

Mlocked: 0 kB

SwapTotal: 0 kB

SwapFree: 0 kB

Dirty: 0 kB

Writeback: 0 kB

AnonPages: 79916 kB

Mapped: 41940 kB

Shmem: 3065244 kB

KReclaimable: 479196 kB

Slab: 1984344 kB

SReclaimable: 479196 kB

SUnreclaim: 1505148 kB

KernelStack: 43264 kB

PageTables: 6716 kB

NFS_Unstable: 0 kB

Bounce: 0 kB

WritebackTmp: 0 kB

CommitLimit: 528193136 kB

Committed_AS: 6009656 kB
VmallocTotal: 34359738367 kB
VmallocUsed: 0 kB
VmallocChunk: 0 kB
Percpu: 419840 kB
HardwareCorrupted: 0 kB
AnonHugePages: 45056 kB
ShmemHugePages: 0 kB
ShmemPmdMapped: 0 kB
HugePages_Total: 0
HugePages_Free: 0
HugePages_Rsvd: 0
HugePages_Surp: 0
Hugepagesize: 2048 kB
Hugetlb: 0 kB
DirectMap4k: 860992 kB
DirectMap2M: 44857344 kB
DirectMap1G: 1027604480 kB

S_COLORS=rs=0:di=01;34:ln=01;36:mh=00:pi=40;33:so=01;35:do=01;35:bd=40;33;01:cd=40;33;01:or=40;31;01:mi=01;05;37;41:su=37;41:sg=30;43:ca=30;41:tw=30;42:ow=34;42:st=37;44:ex=01;32:*.tar=01;31:*.tgz=01;31:*.arc=01;31:*.arj=01;31:*.taz=01;31:*.lha=01;31:*.lz4=01;31:*.lzh=01;31:*.lzma=01;31:*.tlz=01;31:*.txz=01;31:*.tzo=01;31:*.t7z=01;31:*.zip=01;31:*.z=01;31:*.dz=01;31:*.gz=01;31:*.lrz=01;31:*.lz=01;31:*.lzo=01;31:*.xz=01;31:*.zst=01;31:*.tzst=01;31:*.bz2=01;31:*.bz=01;31:*.tbz=01;31:*.tbz2=01;31:*.tz=01;31:*.deb=01;31:*.rpm=01;31:*.jar=01;31:*.war=01;31:*.ear=01;31:*.sar=01;31:*.rar=01;31:*.alz=01;31:*.ace=01;31:*.zoo=01;31:*.cpio=01;31:*.7z=01;31:*.rz=01;31:*.cab=01;31:*.wim=01;31:*.swm=01;31:*.dwm=01;31:*.esd=01;31:*.jpg=01;35:*.jpeg=01;35:*.mjpg=01;35:*.mjpeg=01;35:*.gif=01;35:*.bmp=01;35:*.pbm=01;35:*.pgm=01;35:*.ppm=01;35:*.tga=01;35:*.xbm=01;35:*.xpm=01;35:*.tif=01;35:*.tiff=01;35:*.png=01;35:*.svg=01;35:*.svgz=01;35:*.mng=01;35:*.pcx=01;35:*.mov=01;35:*.mpg=01;35:*.mpeg=01;35:*.m2v=01;35:*.mkv=01;35:*.webm=01;35:*.ogm=01;35:*.mp4=01;35:*.m4v=01;35:*.mp4v=01;35:*.vob=01;35:*.qt=01;35:*.nuv=01;35:*.wmv=01;35:*.asf=01;35:*.rm=01;35:*.rmvb=01;35:*.flc=01;35:*.avi=01;35:*.fli=01;35:*.flv=01;35:*.gl=01;35:*.dl=01;35:*.xcf=01;35:*.xwd=01;35:*.yuv=01;35:*.cgm=01;35:*.emf=01;35:*.ogv=01;35:*.ogx=01;35:*.aac=01;36:*.au=01;36:*.flac=01;36:*.m4a=01;36:*.mid=01;36:*.midi=01;36:*.mka=01;36:*.mp3=01;36:*.mpc=01;36:*.ogg=01;36:*.ra=01;36:*.wav=01;36:*.oga=01;36:*.opus=01;36:*.spx=01;36:*.xspf=01;36:

SLURM_NODEID=0

SLURM_TASK_PID=754429

CDCSCRUB=/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp

__LMOD_REF_COUNT_PATH=/home//.local/bin:1;/home//bin:1;/usr/local/bin:1;/usr/bin:1;/usr/local/s
bin:1;/usr/sbin:1;/var/lib/snapd/snap/bin:1;/opt/dell/srvadmin/bin:1

ModuleTable002=LjAiLFsibG9hZE9yZGVyIl09Myxwcm9wVD17fSxbInNOYWNrRGVwdGgiXT0xLFsic3Rhd
HVzIl09ImFjdGl2ZSIsWyJ1c2VyTmFtZSJdPSJnbU5lix9LGxpYmZhYnJpYz17WyJmbiJdPSIvb3B0L29ocGMvc
HVil21vZHVzZWZpbGVzL2xpYmZhYnJpYy8xLjEwLjEiLFsiZnVsE5hbWUiXT0ibGliZmFicmljLzEuMTAuMSIs
WyJs2FkT3JkZXliXT01LHByb3BUPXt9LFsicmVmX2NvdW50Il09MSxbInNOYWNrRGVwdGgiXT0yLFsic3Rhd
HVzIl09ImFjdGl2ZSIsWyJ1c2VyTmFtZSJdPSJsaWJmYWJyaWMiLH0sb2hwYz17WyJmbiJdPSIvb3B0L29ocG
MvcHVil21vZHVzZWZpbGVzL29ocGMiLFsiZnVsE5hbWUiXT0ib2hwYyIsWyJs2FkT3JkZXliXT03LHByb3B
UPXt9LFsic3Rh

SSH_CONNECTION=10.255.88.5 59838 10.138.160.83 22

SLURM_PRIO_PROCESS=0

OMP_STACKSIZE=500M

EXPT=hwrfun

MODEL=COUPLED

LANG=en_IN.UTF-8

SLURM_SUBMIT_DIR=/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/wrappers

HISTCONTROL=ignoredups

DISPLAY=localhost:13.0

HOSTNAME=node01

cyc=12

OLDPWD=/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/wrappers

YMDH=2017090512

RUNhwrf=hwrfun

ENVIRONMENT=BATCH

FGATINV=3

JOBhwrf=/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/jobs

WORKhwrf=/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp/hwrfun/2017090
512/11L

FGATSTR=-3

SLURM_PROCID=0
COMOUT=/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp/hwrfun/com/2017090512/11L
SLURM_JOB_GID=1024
SLURMD_NODENAME=node01
PARMhwrf=/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/parm
CDSAVE=/home//hemanth/hwrf/hwrf_main/hwrfun/run
WHERE_AM_I=cheyenne
EXEChwrf=/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/exec
SLURM_TASKS_PER_NODE=256(x3)
TOTAL_TASKS=673
HOMEhwrf=/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun
FIXhwrf=/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix
XDG_SESSION_ID=4735
USER=
SLURM_NNODES=3
CENLA=23.0
CENLO=-62.8
GSI=NO
FGATEND=3
__LMOD_REF_COUNT_MODULEPATH=/home/hpcadm/apps/modules:2;/opt/ohpc/pub/modulefiles:1
DATA=/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp/hwrfun/2017090512/11L
PWD=/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp/hwrfun/2017090512/11L
SLURM_JOB_NODELIST=node[01-03]
HOME=/home/
SLURM_CLUSTER_NAME=linux
STORM=IRMA
RUN_ENVIR=EMC

SLURM_NODE_ALIASES=(null)
LMOD_ROOT=/opt/ohpc/admin/lmod
SLURM_TOPOLOGY_ADDR_PATTERN=node
OCEAN=POM
SSH_TTY=/dev/pts/2
MAIL=/var/spool/mail/
SLURM_CPUS_ON_NODE=256
SLURM_JOB_NUM_NODES=3
SUBEXPT=hwrfrun
TERM=xterm
SHELL=/bin/bash
START_TIME=2017090512
stormlabel=storm1
SID=11L
CASE=HISTORY
_ModuleTable_Sz_=1
SLURM_JOB_UID=1021
SLURM_JOB_PARTITION=medium
SLURM_JOB_USER=
SHLVL=5
SLURM_SUBMIT_HOST=node.one.com
COMIN=/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/output/pytmp/hwrfrun/com/2017090512/11L
PYTHONPATH=/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/ush
NWPROD=/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/nwport
EMCGRAPHICS=NO
MANPATH=/usr/local/share/man:/usr/share/man/overrides:/usr/share/man/en:/usr/share/man
LMOD_PREPEND_BLOCK=normal

MODULEPATH=/home/hpcadm/apps/modules:/home/hpcadm/apps/modules:/home/hpcadm/apps/modules:/opt/ohpc/pub/modulefiles

SLURM_GTIDS=0

LOGNAME=

DBUS_SESSION_BUS_ADDRESS=unix:path=/run/user/1021/bus

XDG_RUNTIME_DIR=/run/user/1021

CYCLE=2017090512

LURM_JOB_ID=7407

CONFhwrfr=/home//hemanth/hwrfr/hwrfr_main/hwrfrun/run/hwrfrun/output/pytmp/hwrfrun/com/2017090512/11L/storm1.conf

startfile=/home//hemanth/hwrfr/hwrfr_main/hwrfrun/run/hwrfrun/wrappers/hwrfrun-2017090512-11L.start

EXhwrfr=/home//hemanth/hwrfr/hwrfr_main/hwrfrun/run/hwrfrun/scripts

MODULESHOME=/opt/ohpc/admin/lmod/lmod

LMOD_SETTARG_FULL_SUPPORT=no

HISTSIZE=1000

LMOD_PKG=/opt/ohpc/admin/lmod/lmod

storm_num=1

utilexec=/home//hemanth/hwrfr/hwrfr_main/hwrfrun/run/hwrfrun/nwport/util/exec

LMOD_CMD=/opt/ohpc/admin/lmod/lmod/libexec/lmod

SLURM_LOCALID=0

LESSOPEN=| /usr/bin/lesspipe.sh %s

USHhwrfr=/home//hemanth/hwrfr/hwrfr_main/hwrfrun/run/hwrfrun/ush

OMP_NUM_THREADS=24

LMOD_FULL_SETTARG_SUPPORT=no

LMOD_DIR=/opt/ohpc/admin/lmod/lmod/libexec

BASH_FUNC_module%%=() { eval \$((\$LMOD_CMD bash "\$@") && eval \${LMOD_SETTARG_CMD:-} -s sh)

}

BASH_FUNC_ml%%=() { eval \$((\$LMOD_DIR/ml_cmd "\$@")


```

}
_=/usr/bin/env
++ echo =====df -h /dev/shm=====
=====df -h /dev/shm=====
++ df -h /dev/shm
Filesystem    Size  Used Avail Use% Mounted on
tmpfs         504G  132K  504G   1% /dev/shm
++ echo =====ulimit -a=====
=====ulimit -a=====
++ ulimit -a
core file size      (blocks, -c) unlimited
data seg size       (kbytes, -d) unlimited
scheduling priority    (-e) 0
file size           (blocks, -f) unlimited
pending signals      (-i) 4125941
max locked memory    (kbytes, -l) unlimited
max memory size      (kbytes, -m) unlimited
open files           (-n) 65536
pipe size            (512 bytes, -p) 8
POSIX message queues (bytes, -q) 819200
real-time priority   (-r) 0
stack size           (kbytes, -s) unlimited
cpu time             (seconds, -t) unlimited
max user processes   (-u) 2061374
virtual memory       (kbytes, -v) unlimited
file locks           (-x) unlimited
++ echo =====
=====
++ set +u

```

```
++ [[ Q/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/nwport/util/exec != Q ]]  
+ set -u  
+ exec /home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/scripts/exhwrf_forecast.py
```

mpirun could not find anything to do.

It is possible that you forgot to specify how many processes to run
via the "-np" argument.

09/26 02:16:58.291 dbn_alert (dbnalert.py:170) INFO: RUN_ENVIR=EMC is not "NCO". Disabling DBN alerts.

09/26 02:16:58.291 dbn_alert (dbnalert.py:186) WARNING: DBNROOT is unset. Disabling DBN alerts.

09/26 02:16:58.317 hwrf (launcher.py:398) INFO: Running cycle: 2017090512

09/26 02:16:58.318 hwrf (launcher.py:403) INFO:
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/tm
pvit: read vitals for current cycle

09/26 02:16:58.323 hwrf (launcher.py:408) INFO: Current cycle vitals: NHC 11L IRMA 20170905 1200
167N 0578W 270 067 0929 1010 0556 80 028 0259 0204 0148 0241 D 0148 0130 0093 0130 72 212N
0725W 0093 0074 0056 0074

09/26 02:16:58.323 hwrf (launcher.py:411) INFO:
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/old
vit: read vitals for prior cycle

09/26 02:16:58.324 hwrf (launcher.py:415) INFO: Prior cycle vitals: NHC 11L IRMA 20170905 0600
166N 0564W 265 062 0939 1011 0408 64 028 0222 0185 0148 0222 D 0130 0111 0093 0111 72 212N
0710W 0074 0065 0056 0065

09/26 02:16:58.324 hwrf (hwrf_expt.py:547) INFO: Initializing hwrf_expt module...

09/26 02:16:58.324 hwrf (hwrf_expt.py:628) INFO: bdystep=21600

09/26 02:17:00.225 hwrf (hwrf_expt.py:1014) INFO: Done in hwrf_expt module.

09/26 02:17:00.225 jlog (log.py:66) INFO: Wave is disabled. Running uncoupled.

09/26 02:17:00Z NONAME-INFO: Wave is disabled. Running uncoupled.

09/26 02:17:00.225 hwrf.exhwrf_forecast (coupling.py:541) INFO:
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/com/2017090512/11
L/storm1.ocean_status: scan status file for RUN_COUPLED=YES or NO

09/26 02:17:00.225 hwrf.exhwrf_forecast (coupling.py:549) INFO: Status file says: RUN_COUPLED=YES

09/26 02:17:00.225 hwrf.exhwrf_forecast (coupling.py:570) INFO: RUN_COUPLED=YES: status file says coupled component init succeeded.

09/26 02:17:00.226 jlog (log.py:66) INFO: Ocean init succeeded. Running coupled.

09/26 02:17:00Z NONAME-INFO: Ocean init succeeded. Running coupled.

09/26 02:17:00.226 hwrf.exhwrf_forecast (exhwrf_forecast.py:24) INFO: Not on WCOSS, so not setting WCOSS-specific vars.

09/26 02:17:00.232 hwrf.runwrf (fcsttask.py:963) WARNING:
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/output/pytmp/hwrf_run/2017090512/11L/runwrf: directory exists; will delete

09/26 02:17:01.721 hwrf.runwrf (cd.py:134) INFO: chdir to temporary directory
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/output/pytmp/hwrf_run/2017090512/11L/runwrf

09/26 02:17:01.721 hwrf.runwrf (fcsttask.py:971) INFO: runwrf running in directory
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/output/pytmp/hwrf_run/2017090512/11L/runwrf

09/26 02:17:01.724 hwrf.runwrf (fcsttask.py:807) INFO: Will link WRF fix files from
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/fix/hwrf_eta_micro_lookup.dat to current directory.

09/26 02:17:01.724 hwrf.runwrf (fileop.py:677) INFO: link eta_micro_lookup.dat ->
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/fix/hwrf_eta_micro_lookup.dat

09/26 02:17:01.725 hwrf.runwrf (fcsttask.py:807) INFO: Will link WRF fix files from
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/fix/hwrf_track to current directory.

09/26 02:17:01.726 hwrf.runwrf (fileop.py:677) INFO: link track ->
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/fix/hwrf_track

09/26 02:17:01.727 hwrf.runwrf (fcsttask.py:807) INFO: Will link WRF fix files from
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/fix/hwrf-wrf/* to current directory.

09/26 02:17:01.727 hwrf.runwrf (fileop.py:677) INFO: link co2_trans ->
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/fix/hwrf-wrf/co2_trans

09/26 02:17:01.729 hwrf.runwrf (fileop.py:677) INFO: link CLM_KAPPA_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/fix/hwrf-wrf/CLM_KAPPA_DATA

09/26 02:17:01.730 hwrf.runwrf (fileop.py:677) INFO: link aerosol.formatted ->
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/fix/hwrf-wrf/aerosol.formatted

09/26 02:17:01.730 hwrf.runwrf (fileop.py:677) INFO: link CAM_AEROPT_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/fix/hwrf-wrf/CAM_AEROPT_DATA

09/26 02:17:01.731 hwrfl.runwrf (fileop.py:677) INFO: link CLM_EXT_ICE_DFS_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/CLM_EXT_ICE_DFS_DATA

09/26 02:17:01.732 hwrfl.runwrf (fileop.py:677) INFO: link ozone_plev.formatted ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/ozone_plev.formatted

09/26 02:17:01.733 hwrfl.runwrf (fileop.py:677) INFO: link URBPARAM_UZE.TBL ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/URBPARAM_UZE.TBL

09/26 02:17:01.734 hwrfl.runwrf (fileop.py:677) INFO: link CAMtr_volume_mixing_ratio.A1B ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/CAMtr_volume_mixing_ratio.A1B

09/26 02:17:01.735 hwrfl.runwrf (fileop.py:677) INFO: link RRTMG_SW_DATA_DBL ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/RRTMG_SW_DATA_DBL

09/26 02:17:01.736 hwrfl.runwrf (fileop.py:677) INFO: link ozone_lat.formatted ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/ozone_lat.formatted

09/26 02:17:01.737 hwrfl.runwrf (fileop.py:677) INFO: link README.namelist ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/README.namelist

09/26 02:17:01.738 hwrfl.runwrf (fileop.py:677) INFO: link SOILPARAM.TBL ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/SOILPARAM.TBL

09/26 02:17:01.739 hwrfl.runwrf (fileop.py:677) INFO: link masses.asc ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/masses.asc

09/26 02:17:01.740 hwrfl.runwrf (fileop.py:677) INFO: link tr49t67 ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/tr49t67

09/26 02:17:01.741 hwrfl.runwrf (fileop.py:677) INFO: link CAMtr_volume_mixing_ratio.RCP6 ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/CAMtr_volume_mixing_ratio.RCP6

09/26 02:17:01.742 hwrfl.runwrf (fileop.py:677) INFO: link CAM_ABS_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/CAM_ABS_DATA

09/26 02:17:01.743 hwrfl.runwrf (fileop.py:677) INFO: link GENPARAM.TBL ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/GENPARAM.TBL

09/26 02:17:01.744 hwrfl.runwrf (fileop.py:677) INFO: link CAMtr_volume_mixing_ratio.A2 ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/CAMtr_volume_mixing_ratio.A2

09/26 02:17:01.745 hwrfl.runwrf (fileop.py:677) INFO: link CAMtr_volume_mixing_ratio.RCP4.5 ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/CAMtr_volume_mixing_ratio.RCP4.5

09/26 02:17:01.746 hwrfl.runwrf (fileop.py:677) INFO: link aerosol_lon.formatted ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/aerosol_lon.formatted

09/26 02:17:01.747 hwrfrunwrf (fileop.py:677) INFO: link ETAMPNEW_DATA.expanded_rain_DBL ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/ETAMPNEW_DATA.expanded_rain_DBL

09/26 02:17:01.748 hwrfrunwrf (fileop.py:677) INFO: link wind-turbine-1.tbl ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/wind-turbine-1.tbl

09/26 02:17:01.749 hwrfrunwrf (fileop.py:677) INFO: link RRTMG_LW_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/RRTMG_LW_DATA

09/26 02:17:01.750 hwrfrunwrf (fileop.py:677) INFO: link tr49t85 ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/tr49t85

09/26 02:17:01.751 hwrfrunwrf (fileop.py:677) INFO: link bulkradii.asc_s_0_03_0_9 ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/bulkradii.asc_s_0_03_0_9

09/26 02:17:01.752 hwrfrunwrf (fileop.py:677) INFO: link RRTM_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/RRTM_DATA

09/26 02:17:01.753 hwrfrunwrf (fileop.py:677) INFO: link bulkdens.asc_s_0_03_0_9 ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/bulkdens.asc_s_0_03_0_9

09/26 02:17:01.754 hwrfrunwrf (fileop.py:677) INFO: link CLM_ASM_ICE_DFS_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/CLM_ASM_ICE_DFS_DATA

09/26 02:17:01.755 hwrfrunwrf (fileop.py:677) INFO: link CCN_ACTIVATE.BIN ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/CCN_ACTIVATE.BIN

09/26 02:17:01.756 hwrfrunwrf (fileop.py:677) INFO: link README.tslist ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/README.tslist

09/26 02:17:01.757 hwrfrunwrf (fileop.py:677) INFO: link CLM_EXT_ICE_DRC_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/CLM_EXT_ICE_DRC_DATA

09/26 02:17:01.758 hwrfrunwrf (fileop.py:677) INFO: link RRTMG_SW_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/RRTMG_SW_DATA

09/26 02:17:01.759 hwrfrunwrf (fileop.py:677) INFO: link ETAMPNEW_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/ETAMPNEW_DATA

09/26 02:17:01.760 hwrfrunwrf (fileop.py:677) INFO: link ETAMPNEW_DATA.expanded_rain ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/ETAMPNEW_DATA.expanded_rain

09/26 02:17:01.761 hwrfrunwrf (fileop.py:677) INFO: link aerosol_lat.formatted ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/aerosol_lat.formatted

09/26 02:17:01.762 hwrfrunwrf (fileop.py:677) INFO: link CLM_ASM_ICE_DRC_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/CLM_ASM_ICE_DRC_DATA

09/26 02:17:01.763 hwrp.runwrf (fileop.py:677) INFO: link grib2map.tbl ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/grib2map.tbl

09/26 02:17:01.764 hwrp.runwrf (fileop.py:677) INFO: link CLM_ALB_ICE_DRC_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/CLM_ALB_ICE_DRC_DATA

09/26 02:17:01.765 hwrp.runwrf (fileop.py:677) INFO: link LANDUSE.TBL ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/LANDUSE.TBL

09/26 02:17:01.766 hwrp.runwrf (fileop.py:677) INFO: link RRTM_DATA_DBL ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/RRTM_DATA_DBL

09/26 02:17:01.767 hwrp.runwrf (fileop.py:677) INFO: link gribmap.txt ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/gribmap.txt

09/26 02:17:01.768 hwrp.runwrf (fileop.py:677) INFO: link URBPARAM.TBL ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/URBPARAM.TBL

09/26 02:17:01.769 hwrp.runwrf (fileop.py:677) INFO: link CLM_ALB_ICE_DFS_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/CLM_ALB_ICE_DFS_DATA

09/26 02:17:01.770 hwrp.runwrf (fileop.py:677) INFO: link coeff_p.asc ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/coeff_p.asc

09/26 02:17:01.771 hwrp.runwrf (fileop.py:677) INFO: link coeff_q.asc ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/coeff_q.asc

09/26 02:17:01.772 hwrp.runwrf (fileop.py:677) INFO: link ETAMPNEW_DATA_DBL ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/ETAMPNEW_DATA_DBL

09/26 02:17:01.773 hwrp.runwrf (fileop.py:677) INFO: link ozone.formatted ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/ozone.formatted

09/26 02:17:01.774 hwrp.runwrf (fileop.py:677) INFO: link RRTMG_LW_DATA_DBL ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/RRTMG_LW_DATA_DBL

09/26 02:17:01.775 hwrp.runwrf (fileop.py:677) INFO: link capacity.asc ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/capacity.asc

09/26 02:17:01.776 hwrp.runwrf (fileop.py:677) INFO: link kernels_z.asc ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/kernels_z.asc

09/26 02:17:01.777 hwrp.runwrf (fileop.py:677) INFO: link kernels.asc_s_0_03_0_9 ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/kernels.asc_s_0_03_0_9

09/26 02:17:01.778 hwrp.runwrf (fileop.py:677) INFO: link tr67t85 ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/tr67t85

09/26 02:17:01.779 hwrp.runwrf (fileop.py:677) INFO: link README.fix ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/README.fix

09/26 02:17:01.780 hwrw.runwrf (fileop.py:677) INFO: link CLM_DRDSDTO_DATA ->
/home//hemant/hwrf/hwrf_main/hwrwrun/run/hwrwrun/fix/hwrf-wrf/CLM_DRDSDTO_DATA

09/26 02:17:01.781 hwrw.runwrf (fileop.py:677) INFO: link constants.asc ->
/home//hemant/hwrf/hwrf_main/hwrwrun/run/hwrwrun/fix/hwrf-wrf/constants.asc

09/26 02:17:01.782 hwrw.runwrf (fileop.py:677) INFO: link MPTABLE.TBL ->
/home//hemant/hwrf/hwrf_main/hwrwrun/run/hwrwrun/fix/hwrf-wrf/MPTABLE.TBL

09/26 02:17:01.783 hwrw.runwrf (fileop.py:677) INFO: link aerosol_lev.formatted ->
/home//hemant/hwrf/hwrf_main/hwrwrun/run/hwrwrun/fix/hwrf-wrf/aerosol_lev.formatted

09/26 02:17:01.784 hwrw.runwrf (fileop.py:677) INFO: link termvels.asc ->
/home//hemant/hwrf/hwrf_main/hwrwrun/run/hwrwrun/fix/hwrf-wrf/termvels.asc

09/26 02:17:01.785 hwrw.runwrf (fileop.py:677) INFO: link CLM_TAU_DATA ->
/home//hemant/hwrf/hwrf_main/hwrwrun/run/hwrwrun/fix/hwrf-wrf/CLM_TAU_DATA

09/26 02:17:01.786 hwrw.runwrf (fileop.py:677) INFO: link VEGPARAM.TBL ->
/home//hemant/hwrf/hwrf_main/hwrwrun/run/hwrwrun/fix/hwrf-wrf/VEGPARAM.TBL

09/26 02:17:01.787 hwrw.runwrf (fileop.py:677) INFO: link CAMtr_volume_mixing_ratio.RCP8.5 ->
/home//hemant/hwrf/hwrf_main/hwrwrun/run/hwrwrun/fix/hwrf-wrf/CAMtr_volume_mixing_ratio.RCP8.5

09/26 02:17:01.788 hwrw.runwrf (fcsttask.py:445) INFO: Look for input of type geogrid with
kwargs={'domain': <WRFDomain name=moad>}

09/26 02:17:01.788 hwrw.runwrf (fcsttask.py:452) INFO: Check <hwrw.fcsttask.Geog2WRF object at
0x1460685b7e10> for input of type geogrid

09/26 02:17:01.788 hwrw.runwrf (fileop.py:677) INFO: link geo_nmm.d01.nc ->
/home//hemant/hwrf/hwrf_main/hwrwrun/run/hwrwrun/output/pytmp/hwrwrun/2017090512/11L/inte
rcom/gfsinit/wps/geo_nmm.d01.nc

09/26 02:17:01.789 hwrw.runwrf (fcsttask.py:461) INFO: Found input type 'geogrid' in inputter #1
(<hwrw.fcsttask.Geog2WRF object at 0x1460685b7e10>)

09/26 02:17:01.790 hwrw.runwrf (fcsttask.py:445) INFO: Look for input of type geogrid with
kwargs={'domain': <WRFDomain name=storm1outer>}

09/26 02:17:01.790 hwrw.runwrf (fcsttask.py:452) INFO: Check <hwrw.fcsttask.Geog2WRF object at
0x1460685b7e10> for input of type geogrid

09/26 02:17:01.790 hwrw.runwrf (fileop.py:677) INFO: link geo_nmm_nest.l01.nc ->
/home//hemant/hwrf/hwrf_main/hwrwrun/run/hwrwrun/output/pytmp/hwrwrun/2017090512/11L/inte
rcom/gfsinit/wps/geo_nmm_nest.l01.nc

09/26 02:17:01.791 hwrw.runwrf (fcsttask.py:461) INFO: Found input type 'geogrid' in inputter #1
(<hwrw.fcsttask.Geog2WRF object at 0x1460685b7e10>)

09/26 02:17:01.791 hwrw.runwrf (fcsttask.py:445) INFO: Look for input of type geogrid with kwargs={'domain': <WRFDomain name=storm1inner>}

09/26 02:17:01.791 hwrw.runwrf (fcsttask.py:452) INFO: Check <hwrw.fcsttask.Geog2WRF object at 0x1460685b7e10> for input of type geogrid

09/26 02:17:01.791 hwrw.runwrf (fileop.py:677) INFO: link geo_nmm_nest.l02.nc -> /home//hemanth/hwrw/hwrw_main/hwrwrun/run/hwrwrun/output/pytmp/hwrwrun/2017090512/11L/intecom/gfsinit/wps/geo_nmm_nest.l02.nc

09/26 02:17:01.792 hwrw.runwrf (fcsttask.py:461) INFO: Found input type 'geogrid' in inputter #1 (<hwrw.fcsttask.Geog2WRF object at 0x1460685b7e10>)

09/26 02:17:01.792 hwrw.runwrf (fcsttask.py:445) INFO: Look for input of type metgrid with kwargs={'ftime': datetime.datetime(2017, 9, 5, 12, 0)}

09/26 02:17:01.792 hwrw.runwrf (fcsttask.py:452) INFO: Check <hwrw.fcsttask.Met2WRF object at 0x1460685b7dd0> for input of type metgrid

09/26 02:17:01.792 hwrw.runwrf (fileop.py:677) INFO: link met_nmm.d01.2017-09-05_12_00_00.nc -> /home//hemanth/hwrw/hwrw_main/hwrwrun/run/hwrwrun/output/pytmp/hwrwrun/2017090512/11L/intecom/gfsinit/wps/met_nmm.d01.2017-09-05_12_00_00.nc

09/26 02:17:01.793 hwrw.runwrf (fcsttask.py:461) INFO: Found input type 'metgrid' in inputter #1 (<hwrw.fcsttask.Met2WRF object at 0x1460685b7dd0>)

09/26 02:17:01.793 hwrw.runwrf (fcsttask.py:445) INFO: Look for input of type wrfinput with kwargs={'domain': <WRFDomain name=moad>, 'atime': datetime.datetime(2017, 9, 5, 12, 0)}

09/26 02:17:01.793 hwrw.runwrf (fcsttask.py:452) INFO: Check <hwrw.fcsttask.WRFInput2WRF object at 0x1460685b7ed0> for input of type wrfinput

09/26 02:17:01.793 hwrw.runwrf (fileop.py:677) INFO: link wrfinput_d01 -> /home//hemanth/hwrw/hwrw_main/hwrwrun/run/hwrwrun/output/pytmp/hwrwrun/2017090512/11L/intecom/gfsinit/realinit/wrfinput_d01

09/26 02:17:01.794 hwrw.runwrf (fcsttask.py:461) INFO: Found input type 'wrfinput' in inputter #1 (<hwrw.fcsttask.WRFInput2WRF object at 0x1460685b7ed0>)

09/26 02:17:01.794 hwrw.runwrf (fcsttask.py:445) INFO: Look for input of type wrfbdy with kwargs={'domain': <WRFDomain name=moad>, 'atime': datetime.datetime(2017, 9, 5, 12, 0)}

09/26 02:17:01.795 hwrw.runwrf (fcsttask.py:452) INFO: Check <hwrw.fcsttask.WRFBdy2WRF object at 0x1460685b7e90> for input of type wrfbdy

09/26 02:17:01.795 hwrw.runwrf (fileop.py:677) INFO: link wrfbdy_d01 -> /home//hemanth/hwrw/hwrw_main/hwrwrun/run/hwrwrun/output/pytmp/hwrwrun/2017090512/11L/intecom/gfsinit/realcst/wrfbdy_d01

09/26 02:17:01.796 hwrw.runwrf (fcsttask.py:461) INFO: Found input type 'wrfbdy' in inputter #1 (<hwrw.fcsttask.WRFBdy2WRF object at 0x1460685b7e90>)

09/26 02:17:01.796 hwrf.runwrf (fcsttask.py:445) INFO: Look for input of type fort65 with kwargs={'domain': <WRFDomain name=moad>, 'atime': datetime.datetime(2017, 9, 5, 12, 0)}

09/26 02:17:01.796 hwrf.runwrf (fcsttask.py:452) INFO: Check <hwrf.fcsttask.Fort652WRF object at 0x1460685b7e50> for input of type fort65

09/26 02:17:01.796 hwrf.runwrf (fileop.py:677) INFO: link fort.65 -> /home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp/hwrfun/2017090512/11L/intecom/gfsinit/realinit/fort.65

09/26 02:17:01.797 hwrf.runwrf (fcsttask.py:461) INFO: Found input type 'fort65' in inputter #1 (<hwrf.fcsttask.Fort652WRF object at 0x1460685b7e50>)

09/26 02:17:01.797 hwrf.runwrf (fcsttask.py:445) INFO: Look for input of type wrfanl-storm1outer with kwargs={'domain': <WRFDomain name=storm1outer>, 'atime': datetime.datetime(2017, 9, 5, 12, 0)}

09/26 02:17:01.797 hwrf.runwrf (fcsttask.py:452) INFO: Check <hwrf.fcsttask.WRFAnl2WRF object at 0x1460685b7f50> for input of type wrfanl-storm1outer

09/26 02:17:01.797 hwrf.runwrf (fileop.py:677) INFO: link wrfanl_d02_2017-09-05_12_00_00 -> /home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp/hwrfun/2017090512/11L/intecom/gfsinit/wrfanl/wrfanl_d02_2017-09-05_12_00_00

09/26 02:17:01.798 hwrf.runwrf (fcsttask.py:461) INFO: Found input type 'wrfanl-storm1outer' in inputter #1 (<hwrf.fcsttask.WRFAnl2WRF object at 0x1460685b7f50>)

09/26 02:17:01.798 hwrf.runwrf (fcsttask.py:445) INFO: Look for input of type wrfanl-storm1inner with kwargs={'domain': <WRFDomain name=storm1inner>, 'atime': datetime.datetime(2017, 9, 5, 12, 0)}

09/26 02:17:01.798 hwrf.runwrf (fcsttask.py:452) INFO: Check <hwrf.fcsttask.WRFAnl2WRF object at 0x1460685b7fd0> for input of type wrfanl-storm1inner

09/26 02:17:01.798 hwrf.runwrf (fileop.py:677) INFO: link wrfanl_d03_2017-09-05_12_00_00 -> /home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp/hwrfun/2017090512/11L/intecom/gfsinit/wrfanl/wrfanl_d03_2017-09-05_12_00_00

09/26 02:17:01.799 hwrf.runwrf (fcsttask.py:461) INFO: Found input type 'wrfanl-storm1inner' in inputter #1 (<hwrf.fcsttask.WRFAnl2WRF object at 0x1460685b7fd0>)

09/26 02:17:01.799 hwrf.runwrf (coupling.py:234) INFO: section is runwrf

09/26 02:17:01.799 hwrf.runwrf (coupling.py:244) INFO: dt_c=360 f_dt_c=Fraction(360, 1) simlen=Fraction(453600, 1) cstepmax=1260

09/26 02:17:01.802 hwrf.runwrf (mpipomtc.py:611) INFO: Copying POM inputs from POMInit task pom

09/26 02:17:01.804 hwrf.runwrf (fileop.py:510) INFO: /home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp/hwrfun/com/2017090512/11L/irma11l.2017090512.pom.el_initial.nc: copy to temporary /home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp/hwrfun/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.el_initial.nc.part.szGY8c

09/26 02:17:01.868 hwrfrunwrf (fileop.py:527) INFO:
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/com/2017090512/11L/irma11l.2017090512.pom.el_initial.nc: copy group ID and permissions to
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.el_initial.nc.part.szGY8c

09/26 02:17:01.870 hwrfrunwrf (fileop.py:543) INFO: IRMA.el_initial.nc: move from
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.el_initial.nc.part.szGY8c

09/26 02:17:01.874 hwrfrunwrf (fileop.py:510) INFO:
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/com/2017090512/11L/pom_proc_count: copy to temporary
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.pom_proc_count.part.UJlwFI

09/26 02:17:01.875 hwrfrunwrf (fileop.py:527) INFO:
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/com/2017090512/11L/pom_proc_count: copy group ID and permissions to
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.pom_proc_count.part.UJlwFI

09/26 02:17:01.877 hwrfrunwrf (fileop.py:543) INFO: pom_proc_count: move from
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.pom_proc_count.part.UJlwFI

09/26 02:17:01.881 hwrfrunwrf (fileop.py:510) INFO:
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/com/2017090512/11L/irma11l.2017090512.pom.restart.phse2.nc: copy to temporary
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.restart.phse2.nc.part.wTahws

09/26 02:17:25.142 hwrfrunwrf (fileop.py:527) INFO:
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/com/2017090512/11L/irma11l.2017090512.pom.restart.phse2.nc: copy group ID and permissions to
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.restart.phse2.nc.part.wTahws

09/26 02:17:25.144 hwrfrunwrf (fileop.py:543) INFO: restart.phase2.nc: move from
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.restart.phse2.nc.part.wTahws

09/26 02:17:25.148 hwrfrunwrf (fileop.py:510) INFO:
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/com/2017090512/11L/irma11l.2017090512.pom.uv_initial.nc: copy to temporary
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.uv_initial.nc.part.Qy6z43

09/26 02:17:29.247 hwrf.runwrf (fileop.py:527) INFO:
/home//hemant/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/com/2017090512/11L/irma11l.2017090512.pom.uv_initial.nc: copy group ID and permissions to
/home//hemant/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.uv_initial.nc.part.Qy6z43

09/26 02:17:29.250 hwrf.runwrf (fileop.py:543) INFO: IRMA.uv_initial.nc: move from
/home//hemant/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.uv_initial.nc.part.Qy6z43

09/26 02:17:29.257 hwrf.runwrf (fileop.py:510) INFO:
/home//hemant/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/com/2017090512/11L/irma11l.2017090512.pom.ts_initial.nc: copy to temporary
/home//hemant/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.ts_initial.nc.part.BUInl6

09/26 02:17:33.433 hwrf.runwrf (fileop.py:527) INFO:
/home//hemant/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/com/2017090512/11L/irma11l.2017090512.pom.ts_initial.nc: copy group ID and permissions to
/home//hemant/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.ts_initial.nc.part.BUInl6

09/26 02:17:33.435 hwrf.runwrf (fileop.py:543) INFO: IRMA.ts_initial.nc: move from
/home//hemant/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.ts_initial.nc.part.BUInl6

09/26 02:17:33.442 hwrf.runwrf (fileop.py:510) INFO:
/home//hemant/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/com/2017090512/11L/irma11l.2017090512.pom.grid.nc: copy to temporary
/home//hemant/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.grid.nc.part.AAA1je

09/26 02:17:34.388 hwrf.runwrf (fileop.py:527) INFO:
/home//hemant/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/com/2017090512/11L/irma11l.2017090512.pom.grid.nc: copy group ID and permissions to
/home//hemant/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.grid.nc.part.AAA1je

09/26 02:17:34.390 hwrf.runwrf (fileop.py:543) INFO: IRMA.grid.nc: move from
/home//hemant/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.grid.nc.part.AAA1je

09/26 02:17:34.397 hwrf.runwrf (fileop.py:510) INFO:
/home//hemant/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/com/2017090512/11L/irma11l.2017090512.pom.nml: copy to temporary
/home//hemant/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.nml.part.5mrC5w

09/26 02:17:34.399 hwrf.runwrf (fileop.py:527) INFO:
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/output/pytmp/hwrf_run/com/2017090512/11L/irma11l.2017090512.pom.nml: copy group ID and permissions to
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/output/pytmp/hwrf_run/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.nml.part.5mrC5w

09/26 02:17:34.401 hwrf.runwrf (fileop.py:543) INFO: pom.nml: move from
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/output/pytmp/hwrf_run/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.nml.part.5mrC5w

09/26 02:17:34.407 hwrf.runwrf (fileop.py:510) INFO:
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/output/pytmp/hwrf_run/com/2017090512/11L/irma11l.2017090512.pom.ts_clim.nc: copy to temporary
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/output/pytmp/hwrf_run/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.ts_clim.nc.part.7AoliQ

09/26 02:17:38.597 hwrf.runwrf (fileop.py:527) INFO:
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/output/pytmp/hwrf_run/com/2017090512/11L/irma11l.2017090512.pom.ts_clim.nc: copy group ID and permissions to
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/output/pytmp/hwrf_run/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.ts_clim.nc.part.7AoliQ

09/26 02:17:38.599 hwrf.runwrf (fileop.py:543) INFO: IRMA.ts_clim.nc: move from
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/output/pytmp/hwrf_run/2017090512/11L/runwrf/tmp.irma11l.2017090512.pom.ts_clim.nc.part.7AoliQ

09/26 02:17:38.606 hwrf.runwrf (fileop.py:510) INFO:
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/output/pytmp/hwrf_run/com/2017090512/11L/irma11l.2017090512.kpp.nml: copy to temporary
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/output/pytmp/hwrf_run/2017090512/11L/runwrf/tmp.irma11l.2017090512.kpp.nml.part.I8GLE_

09/26 02:17:38.608 hwrf.runwrf (fileop.py:527) INFO:
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/output/pytmp/hwrf_run/com/2017090512/11L/irma11l.2017090512.kpp.nml: copy group ID and permissions to
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/output/pytmp/hwrf_run/2017090512/11L/runwrf/tmp.irma11l.2017090512.kpp.nml.part.I8GLE_

09/26 02:17:38.610 hwrf.runwrf (fileop.py:543) INFO: kpp.nml: move from
/home//hemanth/hwrf/hwrf_main/hwrf_run/run/hwrf_run/output/pytmp/hwrf_run/2017090512/11L/runwrf/tmp.irma11l.2017090512.kpp.nml.part.I8GLE_

09/26 02:17:38.612 hwrf.runwrf (mpipomtc.py:660) INFO: Copied 9 POM inputs. Returning True.

09/26 02:17:38.612 hwrf.runwrf (coupling.py:158) INFO: pom inputs are all present.

09/26 02:17:38.612 hwrf.runwrf (coupling.py:158) INFO: wrf_compute inputs are all present.

09/26 02:17:38.619 hwrf.runwrf (run.py:296) INFO: Starting:
exe('/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/sorc/hwrf-
utilities/exec/hwrf_swcorner_dynamic.exe').in('AL \n',string=True)

390 780 268 538 9.89999999E-02 9.89999999E-02

3

219 327 16.68312 16.70000 -57.86811

-57.80000

219 328 16.77870 16.70000 -57.76186

-57.80000

NOTE: I_PARENT_START AND J_PARENT_START FOUND FOR THE NESTED DOMAIN CONFIGURATI

ON AT ITER= 2

09/26 02:17:38.681 hwrf.runwrf (run.py:395) INFO: - exit status 0

09/26 02:17:38.685 hwrf.runwrf (rusage.py:91) INFO: Requesting stack (max. stack size)
soft=6000000000.0 hard=-1

09/26 02:17:38.685 hwrf.runwrf (coupling.py:176) INFO: Starting the coupled wrf simulation

09/26 02:17:38.685 hwrf.runwrf (coupling.py:183) INFO: Component #0 is coupler: exe=hwrf_wm3c
ranks from wm3c_ranks (default 1)

09/26 02:17:38.685 hwrf.runwrf (coupling.py:201) INFO: Appending ranks
mpi('/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/sorc/ncep-
coupler/cpl_exec/hwrf_wm3c.exe')*4 with turbo=None

09/26 02:17:38.685 hwrf.runwrf (coupling.py:183) INFO: Component #1 is pom: exe=hwrf_ocean_fcst
ranks from pom_ranks (default 9)

09/26 02:17:38.685 hwrf.runwrf (coupling.py:201) INFO: Appending ranks
mpi('/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/sorc/pomtc/ocean_exec/hwrf_ocean_fc
st.exe')*9 with turbo=None

09/26 02:17:38.685 hwrf.runwrf (coupling.py:183) INFO: Component #2 is wrf_compute: exe=wrf ranks
from wrf_compute_ranks (default None)

09/26 02:17:38.685 mpiprog.py (mpiprog.py:238) INFO: TURBO MODE IS True

09/26 02:17:38.685 coupling.py (coupling.py:86) INFO: exe for wrf compute is
mpi('/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/sorc/WRF/run/wrf.exe')*648

09/26 02:17:38.685 hwrf.runwrf (coupling.py:201) INFO: Appending ranks
mpi('/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/sorc/WRF/run/wrf.exe')*648 with
turbo=True

09/26 02:17:38.686 hwrfrunwrf (coupling.py:183) INFO: Component #3 is wrf_io: exe=wrf ranks from wrf_io_ranks (default 12)

09/26 02:17:38.686 hwrfrunwrf (coupling.py:201) INFO: Appending ranks
mpi('/home//hemanth/hwrf/hwrf_main/hwrf_rfrun/run/hwrf_rfrun/sorc/WRF/run/wrf.exe')*12 with turbo=None

09/26 02:17:38.686 jlog (coupling.py:213) INFO:
/home//hemanth/hwrf/hwrf_main/hwrf_rfrun/run/hwrf_rfrun/output/pytmp/hwrf_rfrun/2017090512/11L/cpl.out: will log coupled forecast stdout here

09/26 02:17:38Z NONAME-INFO:
/home//hemanth/hwrf/hwrf_main/hwrf_rfrun/run/hwrf_rfrun/output/pytmp/hwrf_rfrun/2017090512/11L/cpl.out: will log coupled forecast stdout here

09/26 02:17:38.686 hwrfrunwrf (coupling.py:216) INFO: Will run rank
mpi('/home//hemanth/hwrf/hwrf_main/hwrf_rfrun/run/hwrf_rfrun/sorc/ncep-coupler/cpl_exec/hwrf_wm3c.exe') * 4 with turbo=None

09/26 02:17:38.686 hwrfrunwrf (coupling.py:216) INFO: Will run rank
mpi('/home//hemanth/hwrf/hwrf_main/hwrf_rfrun/run/hwrf_rfrun/sorc/pomtc/ocean_exec/hwrf_ocean_fcst.exe') * 9 with turbo=None

09/26 02:17:38.686 hwrfrunwrf (coupling.py:216) INFO: Will run rank
mpi('/home//hemanth/hwrf/hwrf_main/hwrf_rfrun/run/hwrf_rfrun/sorc/WRF/run/wrf.exe') * 648 with turbo=True

09/26 02:17:38.686 hwrfrunwrf (coupling.py:216) INFO: Will run rank
mpi('/home//hemanth/hwrf/hwrf_main/hwrf_rfrun/run/hwrf_rfrun/sorc/WRF/run/wrf.exe') * 12 with turbo=None

09/26 02:17:38.686 mpiexec (mpiexec.py:84) INFO: mpirunner:
mpi('/home//hemanth/hwrf/hwrf_main/hwrf_rfrun/run/hwrf_rfrun/sorc/ncep-coupler/cpl_exec/hwrf_wm3c.exe')*4 +
mpi('/home//hemanth/hwrf/hwrf_main/hwrf_rfrun/run/hwrf_rfrun/sorc/pomtc/ocean_exec/hwrf_ocean_fcst.exe')*9 + mpi('/home//hemanth/hwrf/hwrf_main/hwrf_rfrun/run/hwrf_rfrun/sorc/WRF/run/wrf.exe')*648 + mpi('/home//hemanth/hwrf/hwrf_main/hwrf_rfrun/run/hwrf_rfrun/sorc/WRF/run/wrf.exe')*12 =>
exe('/home//hemanth/mitgcm/modular_scripts/install/openmpi/icc19/4.0.3/bin/mpiexec')['-np', '4', '/home//hemanth/hwrf/hwrf_main/hwrf_rfrun/run/hwrf_rfrun/sorc/ncep-coupler/cpl_exec/hwrf_wm3c.exe', ':', '-np', '9', '/home//hemanth/hwrf/hwrf_main/hwrf_rfrun/run/hwrf_rfrun/sorc/pomtc/ocean_exec/hwrf_ocean_fcst.exe', ':', '-np', '648', '/home//hemanth/hwrf/hwrf_main/hwrf_rfrun/run/hwrf_rfrun/sorc/WRF/run/wrf.exe', ':', '-np', '12', '/home//hemanth/hwrf/hwrf_main/hwrf_rfrun/run/hwrf_rfrun/sorc/WRF/run/wrf.exe']

09/26 02:17:38.686 hwrfrunwrf (fcsttask.py:882) INFO: Calling run_exe callbacks.

09/26 02:17:38.686 hwrfrunwrf (fcsttask.py:889) INFO: Final result is
exe('/home//hemanth/mitgcm/modular_scripts/install/openmpi/icc19/4.0.3/bin/mpiexec')['-

```
np',4,'/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/sorc/ncep-
coupler/cpl_exec/hwrf_wm3c.exe',';'-
np',9,'/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/sorc/pomtc/ocean_exec/hwrf_ocean_
fcst.exe',';'-
np',648,'/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/sorc/WRF/run/wrf.exe',';'-
np',12,'/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/sorc/WRF/run/wrf.exe'].out('/home/
/hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp/hwrfun/2017090512/11L/cpl.out',ap
pend=False)

$USHhwrf='/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/ush'

$startfile='/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/wrappers/hwrfun-2017090512-
11L.start'

$__LMOD_REF_COUNT_MODULEPATH='/home/hpcadm/apps/modules:2;/opt/ohpc/pub/modulefiles:1'

$LMOD_SETTARG_FULL_SUPPORT='no'

$ENVIRONMENT='BATCH'

$RUNhwrf='hwrfun'

$GSI='NO'

$SLURM_JOB_USER=''

$SHELL='/bin/bash'

$XDG_DATA_DIRS='/home//.local/share/flatpak/exports/share:/var/lib/flatpak/exports/share:/usr/local
/share:/usr/share:/var/lib/snapd/desktop'

$CDNOSCRUB='/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/output/noscrub'

$SLURM_NODELIST='node[01-03]'

$HISTSIZE='1000'

$INIT='NO'

$MANPATH='/usr/local/share/man:/usr/share/man/overrides:/usr/share/man/en:/usr/share/man'

$SLURM_TASKS_PER_NODE='256(x3)'

$JOBhwrf='/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/jobs'

$XDG_RUNTIME_DIR='/run/user/1021'

$PYTHONPATH='/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/ush'

$envir='prod'

$SLURM_NODE_ALIASES='(null)'

$XDG_SESSION_ID='4735'
```

```
$DBUS_SESSION_BUS_ADDRESS='unix:path=/run/user/1021/bus'
$stormlabel='storm1'
$SLURM_PRIO_PROCESS='0'
$FGATEND='3'
$HOSTNAME='node01'
$NWPROD='/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/nwport'
$LMOD_ROOT='/opt/ohpc/admin/lmod'
$SLURM_JOB_NAME='forecast'
$_ModuleTable002_='LjAiLFsibG9hZE9yZGVyIl09Myxwcm9wVD17fSxbInN0YWNRGVwdGgiXT0xLFsic3RhdHVzIl09ImFjdGl2ZSIsWyJ1c2VyTmFtZSJdPSJnbU5lix9LGxpYmZhYnJpYz17WyJmbiJdPSIvb3B0L29ocGMvcHVlL21vZHVzZWZpbGVzL2xpYmZhYnJpYy8xLjEwLjEiLFsiZnVsE5hbWUiXT0ibGliZmFicmljLzEuMTAuMSIsWyJs2FkT3JkZXliXT01LHByb3BUPXt9LFsicmVmX2NvdW50Il09MSxbInN0YWNRGVwdGgiXT0yLFsic3Rh dHVzIl09ImFjdGl2ZSIsWyJ1c2VyTmFtZSJdPSJsaWJmYWJyaWMiLH0sb2hwYz17WyJmbiJdPSIvb3B0L29ocGMvcHVlL21vZHVzZWZpbGVzL29ocGMiLFsiZnVsE5hbWUiXT0ib2hwYyIsWyJs2FkT3JkZXliXT03LHByb3BUPXt9LFsic3Rh'
$CONFWrf='/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/com/2017090512/11L/storm1.conf'
$LMOD_PKG='/opt/ohpc/admin/lmod/lmod'
$MAIL='/var/spool/mail/'
$SSH_CONNECTION='10.255.88.5 59838 10.138.160.83 22'
$SLURM_GTIDS='0'
$SLURM_LOCALID='0'
$__LMOD_REF_COUNT_MANPATH='/usr/local/share/man:1;/usr/share/man/overrides:1;/usr/share/man/en:1;/usr/share/man:1'
$BASH_FUNC_module%%=() { eval $($LMOD_CMD bash "$@" ) && eval $($LMOD_SETTARG_CMD:-:} -s sh)\n}'
$SLURM_SUBMIT_DIR='/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/wrappers'
$SID='11L'
$LESSOPEN='| /usr/bin/lesspipe.sh %s'
$LMOD_FULL_SETTARG_SUPPORT='no'
$SLURM_CONF='/var/spool/slurm/d/conf-cache/slurm.conf'
$USER=''
```


\$HOME='/home/'
\$SLURM_JOB_NODELIST='node[01-03]'
\$SLURM_CLUSTER_NAME='linux'
\$SHLVL='4'
\$BASH_FUNC_ml%%=() { eval \$(\$LMOD_DIR/ml_cmd "\$@")\n}'
\$SLURM_JOB_UID='1021'
\$DISPLAY='localhost:13.0'
\$SLURM_JOB_NUM_NODES='3'
\$COMIN='/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/com/2017090512/11L'
\$MODULESHOME='/opt/ohpc/admin/lmod/lmod'
\$CDSAVE='/home//hemanth/hwrf/hwrf_main/hwrf/frun/run'
\$CASE='HISTORY'
\$EXhwrf='/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/scripts'
\$_ModuleTable001_='X01vZHVvsZVRhYmxlXz17WYjNVHZlcnNpb24iXT0zLFsiY19yZWJ1aWxkVGltZSJdPWZhbHNILFsiY19zaG9ydFRpbWUiXT1mYWxzZSxkZXB0aFQ9e30sZmFtaWx5PXT9LG1UPXt9LG1wYXRoQT17li9ob21lL2hwY2FkbS9hcHBzL21vZHVvsZXMiLC1vb3B0L29ocGMvcHVlL21vZHVvsZWZpbGVzlix9LFsic3lzdGVtQmFzZU1QQVRll09li9vcHQvb2hwYy9wdWlvcW9kdWx1ZmlsZXMiLH0='
\$YMDH='2017090512'
\$OCEAN='POM'
\$LMOD_VERSION='8.2.10'
\$GSID03='NO'
\$GSID02='NO'
\$BASH_ENV='/opt/ohpc/admin/lmod/lmod/init/bash'
\$__LMOD_REF_COUNT_PATH='/home//.local/bin:1;/home//bin:1;/usr/local/bin:1;/usr/bin:1;/usr/local/sbin:1;/usr/sbin:1;/var/lib/snapd/snap/bin:1;/opt/dell/srvadmin/bin:1'
\$TMPDIR='/tmp'
\$MODULEPATH='/home/hpcadm/apps/modules:/home/hpcadm/apps/modules:/home/hpcadm/apps/modules:/opt/ohpc/pub/modulefiles'
\$LS_COLORS='rs=0:di=01;34:ln=01;36:mh=00:pi=40;33:so=01;35:do=01;35:bd=40;33;01:cd=40;33;01:or=40;31;01:mi=01;05;37;41:su=37;41:sg=30;43:ca=30;41:tw=30;42:ow=34;42:st=37;44:ex=01;32:*.tar=01;31:*.tgz=01;31:*.arc=01;31:*.arj=01;31:*.taz=01;31:*.lha=01;31:*.lz4=01;31:*.lzh=01;31:*.lzma=01;31:

.tlz=01;31:.txz=01;31:*.tzo=01;31:*.t7z=01;31:*.zip=01;31:*.z=01;31:*.dz=01;31:*.gz=01;31:*.lrz=01;31:*.lz=01;31:*.lzo=01;31:*.xz=01;31:*.zst=01;31:*.tzst=01;31:*.bz2=01;31:*.bz=01;31:*.tbz=01;31:*.tbz2=01;31:*.tz=01;31:*.deb=01;31:*.rpm=01;31:*.jar=01;31:*.war=01;31:*.ear=01;31:*.sar=01;31:*.rar=01;31:*.alz=01;31:*.ace=01;31:*.zoo=01;31:*.cpio=01;31:*.7z=01;31:*.rz=01;31:*.cab=01;31:*.wim=01;31:*.swm=01;31:*.dwm=01;31:*.esd=01;31:*.jpg=01;35:*.jpeg=01;35:*.mjpg=01;35:*.mjpeg=01;35:*.gif=01;35:*.bmp=01;35:*.pbm=01;35:*.pgm=01;35:*.ppm=01;35:*.tga=01;35:*.xbm=01;35:*.xpm=01;35:*.tif=01;35:*.tiff=01;35:*.png=01;35:*.svg=01;35:*.svgz=01;35:*.mng=01;35:*.pcx=01;35:*.mov=01;35:*.mpg=01;35:*.mpeg=01;35:*.m2v=01;35:*.mkv=01;35:*.webm=01;35:*.ogm=01;35:*.mp4=01;35:*.m4v=01;35:*.mp4v=01;35:*.vob=01;35:*.qt=01;35:*.nuv=01;35:*.wmv=01;35:*.asf=01;35:*.rm=01;35:*.rmb=01;35:*.flc=01;35:*.avi=01;35:*.fli=01;35:*.flv=01;35:*.gl=01;35:*.dl=01;35:*.xcf=01;35:*.xwd=01;35:*.yuv=01;35:*.cgm=01;35:*.emf=01;35:*.ogv=01;35:*.ogx=01;35:*.aac=01;36:*.au=01;36:*.flac=01;36:*.m4a=01;36:*.mid=01;36:*.midi=01;36:*.mka=01;36:*.mp3=01;36:*.mpc=01;36:*.ogg=01;36:*.ra=01;36:*.wav=01;36:*.oga=01;36:*.opus=01;36:*.spx=01;36:*.xspf=01;36:'

\$OMP_NUM_THREADS='24'

\$SLURM_JOB_CPUS_PER_NODE='256(x3)'

\$SLURM_TOPOLOGY_ADDR='node01'

\$WORKhwrfrf='/home//hemanth/hwrfrf/hwrfrf_main/hwrfrun/run/hwrfrun/output/pytmp/hwrfrun/2017090512/11L'

\$LMOD_DIR='/opt/ohpc/admin/lmod/lmod/libexec'

\$STORMID='11L'

\$EXECHwrf='/home//hemanth/hwrfrf/hwrfrf_main/hwrfrun/run/hwrfrun/exec'

\$MODEL='COUPLED'

(run.py:296) INFO: Starting:

```
exe('/home//hemanth/mitgcm/modular_scripts/install/openmpi/icc19/4.0.3/bin/mpiexec')[''-  
np','4','/home//hemanth/hwrfrf/hwrfrf_main/hwrfrun/run/hwrfrun/sorc/ncep-  
coupler/cpl_exec/hwrfrf_wm3c.exe',';','-  
np','9','/home//hemanth/hwrfrf/hwrfrf_main/hwrfrun/run/hwrfrun/sorc/pomtc/ocean_exec/hwrfrf_ocean_  
fcst.exe',';','-  
np','648','/home//hemanth/hwrfrf/hwrfrf_main/hwrfrun/run/hwrfrun/sorc/WRF/run/wrf.exe',';','-  
np','12','/home//hemanth/hwrfrf/hwrfrf_main/hwrfrun/run/hwrfrun/sorc/WRF/run/wrf.exe'].out('/home//  
hemanth/hwrfrf/hwrfrf_main/hwrfrun/run/hwrfrun/output/pytmp/hwrfrun/2017090512/11L/cpl.out',ap  
pend=False)
```

WARNING: There is at least non-excluded one OpenFabrics device found,
but there are no active ports detected (or Open MPI was unable to use
them). This is most certainly not what you wanted. Check your
cables, subnet manager configuration, etc. The openib BTL will be

ignored for this job.

Local host: node01

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starting wrf task 418 of 660
starting wrf task 419 of 660
starting wrf task 420 of 660
starting wrf task 421 of 660
starting wrf task 422 of 660
starting wrf task 424 of 660
starting wrf task 425 of 660
starting wrf task 426 of 660
starting wrf task 428 of 660
starting wrf task 430 of 660
starting wrf task 434 of 660
starting wrf task 439 of 660
starting wrf task 447 of 660
starting wrf task 450 of 660

starting wrf task 453 of 660
starting wrf task 454 of 660
starting wrf task 456 of 660
starting wrf task 457 of 660
starting wrf task 458 of 660
starting wrf task 460 of 660
starting wrf task 461 of 660
starting wrf task 462 of 660
starting wrf task 466 of 660
starting wrf task 470 of 660
starting wrf task 471 of 660
starting wrf task 472 of 660
starting wrf task 473 of 660
starting wrf task 474 of 660
starting wrf task 475 of 660
starting wrf task 478 of 660
starting wrf task 482 of 660
starting wrf task 483 of 660
starting wrf task 485 of 660
starting wrf task 486 of 660
starting wrf task 488 of 660
starting wrf task 490 of 660
starting wrf task 492 of 660
starting wrf task 494 of 660
starting wrf task 495 of 660
starting wrf task 366 of 660

[node01:754481] 672 more processes have sent help message help-mpi-btl-openib.txt / no active ports found

[node01:754481] Set MCA parameter "orte_base_help_aggregate" to 0 to see all help / error messages

hwrf_wm3c.exe	00000000042F585	Unknown	Unknown	Unknown
hwrf_wm3c.exe	00000000040B1E2	Unknown	Unknown	Unknown
libc-2.28.so	00007FA049597873	__libc_start_main	Unknown	Unknown
hwrf_wm3c.exe	00000000040B0EE	Unknown	Unknown	Unknown

fortrl: error (78): process killed (SIGTERM)

Image	PC	Routine	Line	Source
hwrf_wm3c.exe	0000000004E7834	for__signal_handl	Unknown	Unknown
libpthread-2.28.s	00007F89A4FA7DC0	Unknown	Unknown	Unknown
libc-2.28.so	00007F89A4CCE467	epoll_wait	Unknown	Unknown
libucs.so.0.0.0	00007F89A3761A99	ucs_event_set_wai	Unknown	Unknown
libuct.so.0.0.0	00007F89A3CC02DB	uct_tcp_iface_pro	Unknown	Unknown
libucp.so.0.0.0	00007F89A3EFABEA	ucp_worker_progre	Unknown	Unknown
libmpi.so.40.20.3	00007F89A53A8D74	mca_pml_ucx_progr	Unknown	Unknown
libopen-pal.so.40	00007F89A41A9094	opal_progress	Unknown	Unknown
libmpi.so.40.20.3	00007F89A5236CAF	ompi_request_defa	Unknown	Unknown
libmpi.so.40.20.3	00007F89A529767F	ompi_coll_base_bc	Unknown	Unknown
libmpi.so.40.20.3	00007F89A52985BE	ompi_coll_base_bc	Unknown	Unknown
libmpi.so.40.20.3	00007F89A52AE7A3	ompi_coll_tuned_b	Unknown	Unknown
libmpi.so.40.20.3	00007F89A524DFC7	MPI_Bcast	Unknown	Unknown
libmpi_mpiafh.so.4	00007F89A5722F74	mpmi_bcast	Unknown	Unknown
hwrf_wm3c.exe	00000000040C0B8	Unknown	Unknown	Unknown
hwrf_wm3c.exe	00000000042F585	Unknown	Unknown	Unknown
hwrf_wm3c.exe	00000000040B1E2	Unknown	Unknown	Unknown
libc-2.28.so	00007F89A4BF5873	__libc_start_main	Unknown	Unknown
hwrf_wm3c.exe	00000000040B0EE	Unknown	Unknown	Unknown

fortrl: error (78): process killed (SIGTERM)

Image	PC	Routine	Line	Source
hwrf_wm3c.exe	0000000004E7834	for__signal_handl	Unknown	Unknown
libpthread-2.28.s	00007F4B9EFB6DC0	Unknown	Unknown	Unknown

libc-2.28.so	00007F4B9ECDD467	epoll_wait	Unknown	Unknown
libucs.so.0.0.0	00007F4B9D770A99	ucs_event_set_wai	Unknown	Unknown
libuct.so.0.0.0	00007F4B9DCCF2DB	uct_tcp_iface_pro	Unknown	Unknown
libucp.so.0.0.0	00007F4B9DF09BEA	ucp_worker_progre	Unknown	Unknown
libmpi.so.40.20.3	00007F4B9F3B7D74	mca_pml_ucx_progr	Unknown	Unknown
libopen-pal.so.40	00007F4B9E1B8094	opal_progress	Unknown	Unknown
libmpi.so.40.20.3	00007F4B9F245CAF	ompi_request_defa	Unknown	Unknown
libmpi.so.40.20.3	00007F4B9F2A696F	ompi_coll_base_bc	Unknown	Unknown
libmpi.so.40.20.3	00007F4B9F2A75BE	ompi_coll_base_bc	Unknown	Unknown
libmpi.so.40.20.3	00007F4B9F2BD7A3	ompi_coll_tuned_b	Unknown	Unknown
libmpi.so.40.20.3	00007F4B9F25CFC7	MPI_Bcast	Unknown	Unknown
libmpi_mpiafh.so.4	00007F4B9F731F74	pmi_bcast	Unknown	Unknown
hwrf_wm3c.exe	000000000040C0B8	Unknown	Unknown	Unknown
hwrf_wm3c.exe	000000000042F585	Unknown	Unknown	Unknown
hwrf_wm3c.exe	000000000040B1E2	Unknown	Unknown	Unknown
libc-2.28.so	00007F4B9EC04873	__libc_start_main	Unknown	Unknown
hwrf_wm3c.exe	000000000040B0EE	Unknown	Unknown	Unknown

fortrl: error (78): process killed (SIGTERM)

Image	PC	Routine	Line	Source
hwrf_wm3c.exe	00000000004E7834	for__signal_handl	Unknown	Unknown
libpthread-2.28.s	00007F4EDC7C2DC0	Unknown	Unknown	Unknown
libc-2.28.so	00007F4EDC4E9467	epoll_wait	Unknown	Unknown
libucs.so.0.0.0	00007F4EDAF7CA99	ucs_event_set_wai	Unknown	Unknown
libuct.so.0.0.0	00007F4EDB4DB2DB	uct_tcp_iface_pro	Unknown	Unknown
libucp.so.0.0.0	00007F4EDB715BEA	ucp_worker_progre	Unknown	Unknown
libmpi.so.40.20.3	00007F4EDCBC3D74	mca_pml_ucx_progr	Unknown	Unknown
libopen-pal.so.40	00007F4EDB9C4094	opal_progress	Unknown	Unknown
libmpi.so.40.20.3	00007F4EDCA51CAF	ompi_request_defa	Unknown	Unknown
libmpi.so.40.20.3	00007F4EDCAB296F	ompi_coll_base_bc	Unknown	Unknown

libmpi.so.40.20.3	00007F4EDCAB35BE	ompi_coll_base_bc	Unknown	Unknown
libmpi.so.40.20.3	00007F4EDCAC97A3	ompi_coll_tuned_b	Unknown	Unknown
libmpi.so.40.20.3	00007F4EDCA68FC7	MPI_Bcast	Unknown	Unknown
libmpi_mpiafh.so.4	00007F4EDCF3DF74	pmi_bcast	Unknown	Unknown
hwrp_wm3c.exe	000000000040C0B8	Unknown	Unknown	Unknown
hwrp_wm3c.exe	000000000042F585	Unknown	Unknown	Unknown
hwrp_wm3c.exe	000000000040B1E2	Unknown	Unknown	Unknown
libc-2.28.so	00007F4EDC410873	__libc_start_main	Unknown	Unknown
hwrp_wm3c.exe	000000000040B0EE	Unknown	Unknown	Unknown

fortrl: error (78): process killed (SIGTERM)

Image	PC	Routine	Line	Source
libifcoremt.so.5	00007F8C40638555	for__signal_handl	Unknown	Unknown
libpthread-2.28.s	00007F8C3DCCDDC0	Unknown	Unknown	Unknown
libc-2.28.so	00007F8C3D9E52F7	__libc_fcntl64	Unknown	Unknown
libpthread-2.28.s	00007F8C3DCCCA7F	__fcntl	Unknown	Unknown
libmpi.so.40.20.3	00007F8C40CD8B8F	mca_fbtl_posix_lo	Unknown	Unknown
libmpi.so.40.20.3	00007F8C40CD773E	mca_fbtl_posix_pr	Unknown	Unknown
libmpi.so.40.20.3	00007F8C40CDBAF3	mca_fc_coll_vulcan_	Unknown	Unknown
libmpi.so.40.20.3	00007F8C40C78C9A	mca_common_ompio_	Unknown	Unknown
libmpi.so.40.20.3	00007F8C40D39D2D	mca_io_ompio_file	Unknown	Unknown
libmpi.so.40.20.3	00007F8C40C49F13	PMPI_File_read_at	Unknown	Unknown
libpnetcdf.so.4.0	00007F8C4188AA6B	ncmpio_read_write	Unknown	Unknown
libpnetcdf.so.4.0	00007F8C4188AE18	ncmpio_get_var	Unknown	Unknown
libpnetcdf.so.4.0	00007F8C417CE2CC	ncmpi_get_vara_fl	Unknown	Unknown
libpnetcdf.so.4.0	00007F8C4189E044	nfmpi_get_vara_re	Unknown	Unknown
hwrp_ocean_fcst.e	0000000000432D87	Unknown	Unknown	Unknown
hwrp_ocean_fcst.e	00000000004676E0	Unknown	Unknown	Unknown
hwrp_ocean_fcst.e	000000000046E320	Unknown	Unknown	Unknown
hwrp_ocean_fcst.e	000000000046F872	Unknown	Unknown	Unknown

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hwrp_ocean_fcst.e 0000000004022D2 Unknown Unknown Unknown
libc-2.28.so 00007F8C3D91B873 __libc_start_main Unknown Unknown
hwrp_ocean_fcst.e 0000000004021DE Unknown Unknown Unknown
forrtl: error (78): process killed (SIGTERM)
Image PC Routine Line Source
libifcoremt.so.5 00007F089FDA3555 for__signal_handl Unknown Unknown
libpthread-2.28.s 00007F089D438DC0 Unknown Unknown Unknown
libc-2.28.so 00007F089D15F467 epoll_wait Unknown Unknown
libucs.so.0.0.0 00007F089BBF2A99 ucs_event_set_wai Unknown Unknown
libuct.so.0.0.0 00007F089C1512DB uct_tcp_iface_pro Unknown Unknown
libucp.so.0.0.0 00007F089C38BBEA ucp_worker_progre Unknown Unknown
libmpi.so.40.20.3 00007F08A0501D74 mca_pml_ucx_progr Unknown Unknown
libopen-pal.so.40 00007F089C63A094 opal_progress Unknown Unknown
libmpi.so.40.20.3 00007F08A038FCAF ompi_request_defa Unknown Unknown
libmpi.so.40.20.3 00007F08A0446E17 mca_fcoll_vulcan_ Unknown Unknown
libmpi.so.40.20.3 00007F08A03E3C9A mca_common_ompio_ Unknown Unknown
libmpi.so.40.20.3 00007F08A04A4D2D mca_io_ompio_file Unknown Unknown
libmpi.so.40.20.3 00007F08A03B4F13 PMPI_File_read_at Unknown Unknown
libpnetcdf.so.4.0 00007F08A0FF5A6B ncmpio_read_write Unknown Unknown
libpnetcdf.so.4.0 00007F08A0FF5E18 ncmpio_get_var Unknown Unknown
libpnetcdf.so.4.0 00007F08A0F392CC ncmpi_get_vara_fl Unknown Unknown
libpnetcdf.so.4.0 00007F08A1009044 nfmpi_get_vara_re Unknown Unknown
hwrp_ocean_fcst.e 000000000432D87 Unknown Unknown Unknown
hwrp_ocean_fcst.e 0000000004676E0 Unknown Unknown Unknown
hwrp_ocean_fcst.e 00000000046E320 Unknown Unknown Unknown
hwrp_ocean_fcst.e 00000000046F872 Unknown Unknown Unknown
hwrp_ocean_fcst.e 0000000004022D2 Unknown Unknown Unknown
libc-2.28.so 00007F089D086873 __libc_start_main Unknown Unknown
hwrp_ocean_fcst.e 0000000004021DE Unknown Unknown Unknown

```

forrtl: error (78): process killed (SIGTERM)

Image	PC	Routine	Line	Source
libifcoremt.so.5	00007F6A0C927555	for__signal_handl	Unknown	Unknown
libpthread-2.28.s	00007F6A09FBCDC0	Unknown	Unknown	Unknown
libc-2.28.so	00007F6A09CE3467	epoll_wait	Unknown	Unknown
libucs.so.0.0.0	00007F6A08776A99	ucs_event_set_wai	Unknown	Unknown
libuct.so.0.0.0	00007F6A08CD52DB	uct_tcp_iface_pro	Unknown	Unknown
libucp.so.0.0.0	00007F6A08F0FBEA	ucp_worker_progre	Unknown	Unknown
libmpi.so.40.20.3	00007F6A0D085D74	mca_pml_ucx_progr	Unknown	Unknown
libopen-pal.so.40	00007F6A091BE094	opal_progress	Unknown	Unknown
libmpi.so.40.20.3	00007F6A0CF13CAF	mpi_request_defa	Unknown	Unknown
libmpi.so.40.20.3	00007F6A0CFCAE17	mca_fcoll_vulcan_	Unknown	Unknown
libmpi.so.40.20.3	00007F6A0CF67C9A	mca_common_ompio_	Unknown	Unknown
libmpi.so.40.20.3	00007F6A0D028D2D	mca_io_ompio_file	Unknown	Unknown
libmpi.so.40.20.3	00007F6A0CF38F13	PMPI_File_read_at	Unknown	Unknown
libpnetcdf.so.4.0	00007F6A0DB79A6B	ncmpio_read_write	Unknown	Unknown
libpnetcdf.so.4.0	00007F6A0DB79E18	ncmpio_get_var	Unknown	Unknown
libpnetcdf.so.4.0	00007F6A0DABD2CC	ncmpi_get_vara_fl	Unknown	Unknown
libpnetcdf.so.4.0	00007F6A0DB8D044	nfmpi_get_vara_re	Unknown	Unknown
hwrf_ocean_fcst.e	0000000000432D87	Unknown	Unknown	Unknown
hwrf_ocean_fcst.e	00000000004676E0	Unknown	Unknown	Unknown
hwrf_ocean_fcst.e	000000000046E320	Unknown	Unknown	Unknown
hwrf_ocean_fcst.e	000000000046F872	Unknown	Unknown	Unknown
hwrf_ocean_fcst.e	00000000004022D2	Unknown	Unknown	Unknown
libc-2.28.so	00007F6A09C0A873	__libc_start_main	Unknown	Unknown
hwrf_ocean_fcst.e	00000000004021DE	Unknown	Unknown	Unknown

forrtl: error (78): process killed (SIGTERM)

Image	PC	Routine	Line	Source
libifcoremt.so.5	00007FD46B4D9555	for__signal_handl	Unknown	Unknown

libpthread-2.28.s	00007FD468B6EDC0	Unknown	Unknown	Unknown
libc-2.28.so	00007FD468895467	epoll_wait	Unknown	Unknown
libucs.so.0.0.0	00007FD467328A99	ucs_event_set_wai	Unknown	Unknown
libuct.so.0.0.0	00007FD4678872DB	uct_tcp_iface_pro	Unknown	Unknown
libucp.so.0.0.0	00007FD467AC1BEA	ucp_worker_progre	Unknown	Unknown
libmpi.so.40.20.3	00007FD46BC37D74	mca_pml_ucx_progr	Unknown	Unknown
libopen-pal.so.40	00007FD467D70094	opal_progress	Unknown	Unknown
libmpi.so.40.20.3	00007FD46BAC5CAF	ompi_request_defa	Unknown	Unknown
libmpi.so.40.20.3	00007FD46BB7CE17	mca_fcoll_vulcan_	Unknown	Unknown
libmpi.so.40.20.3	00007FD46BB19C9A	mca_common_ompio_	Unknown	Unknown
libmpi.so.40.20.3	00007FD46BBDAD2D	mca_io_ompio_file	Unknown	Unknown
libmpi.so.40.20.3	00007FD46BAEAF13	PMPI_File_read_at	Unknown	Unknown
libpnetcdf.so.4.0	00007FD46C72BA6B	ncmpio_read_write	Unknown	Unknown
libpnetcdf.so.4.0	00007FD46C72BE18	ncmpio_get_var	Unknown	Unknown
libpnetcdf.so.4.0	00007FD46C66F2CC	ncmpi_get_vara_fl	Unknown	Unknown
libpnetcdf.so.4.0	00007FD46C73F044	nfmpi_get_vara_re	Unknown	Unknown
hwrf_ocean_fcst.e	0000000000432D87	Unknown	Unknown	Unknown
hwrf_ocean_fcst.e	00000000004676E0	Unknown	Unknown	Unknown
hwrf_ocean_fcst.e	000000000046E320	Unknown	Unknown	Unknown
hwrf_ocean_fcst.e	000000000046F872	Unknown	Unknown	Unknown
hwrf_ocean_fcst.e	00000000004022D2	Unknown	Unknown	Unknown
libc-2.28.so	00007FD4687BC873	__libc_start_main	Unknown	Unknown
hwrf_ocean_fcst.e	00000000004021DE	Unknown	Unknown	Unknown

fortrl: error (78): process killed (SIGTERM)

Image	PC	Routine	Line	Source
libifcoremt.so.5	00007FD29FD35555	for__signal_handl	Unknown	Unknown
libpthread-2.28.s	00007FD29D3CADC0	Unknown	Unknown	Unknown
libc-2.28.so	00007FD29D0F1467	epoll_wait	Unknown	Unknown
libucs.so.0.0.0	00007FD29BB84A99	ucs_event_set_wai	Unknown	Unknown

libuct.so.0.0.0	00007FD29C0E32DB	uct_tcp_iface_pro	Unknown	Unknown
libucp.so.0.0.0	00007FD29C31DBEA	ucp_worker_progre	Unknown	Unknown
libmpi.so.40.20.3	00007FD2A0493D74	mca_pml_ucx_progr	Unknown	Unknown
libopen-pal.so.40	00007FD29C5CC094	opal_progress	Unknown	Unknown
libmpi.so.40.20.3	00007FD2A0321CAF	ompi_request_defa	Unknown	Unknown
libmpi.so.40.20.3	00007FD2A03D8E17	mca_fcoll_vulcan_	Unknown	Unknown
libmpi.so.40.20.3	00007FD2A0375C9A	mca_common_ompio_	Unknown	Unknown
libmpi.so.40.20.3	00007FD2A0436D2D	mca_io_ompio_file	Unknown	Unknown
libmpi.so.40.20.3	00007FD2A0346F13	PMPI_File_read_at	Unknown	Unknown
libpnetcdf.so.4.0	00007FD2A0F87A6B	ncmpio_read_write	Unknown	Unknown
libpnetcdf.so.4.0	00007FD2A0F87E18	ncmpio_get_var	Unknown	Unknown
libpnetcdf.so.4.0	00007FD2A0ECB2CC	ncmpi_get_vara_fl	Unknown	Unknown
libpnetcdf.so.4.0	00007FD2A0F9B044	nfmpi_get_vara_re	Unknown	Unknown
hwrf_ocean_fcst.e	0000000000432D87	Unknown	Unknown	Unknown
hwrf_ocean_fcst.e	00000000004676E0	Unknown	Unknown	Unknown
hwrf_ocean_fcst.e	000000000046E320	Unknown	Unknown	Unknown
hwrf_ocean_fcst.e	000000000046F872	Unknown	Unknown	Unknown
hwrf_ocean_fcst.e	00000000004022D2	Unknown	Unknown	Unknown
libc-2.28.so	00007FD29D018873	__libc_start_main	Unknown	Unknown
hwrf_ocean_fcst.e	00000000004021DE	Unknown	Unknown	Unknown

fortrl: error (78): process killed (SIGTERM)

Image	PC	Routine	Line	Source
libifcoremt.so.5	00007FAF91B02555	for__signal_handl	Unknown	Unknown
libpthread-2.28.s	00007FAF8F197DC0	Unknown	Unknown	Unknown
libc-2.28.so	00007FAF8EEBE467	epoll_wait	Unknown	Unknown
libucs.so.0.0.0	00007FAF8D951A99	ucs_event_set_wai	Unknown	Unknown
libuct.so.0.0.0	00007FAF8DEB02DB	uct_tcp_iface_pro	Unknown	Unknown
libucp.so.0.0.0	00007FAF8E0EABEA	ucp_worker_progre	Unknown	Unknown
libmpi.so.40.20.3	00007FAF92260D74	mca_pml_ucx_progr	Unknown	Unknown

libopen-pal.so.40	00007FAF8E399094	opal_progress	Unknown	Unknown
libmpi.so.40.20.3	00007FAF920EECAF	ompi_request_defa	Unknown	Unknown
libmpi.so.40.20.3	00007FAF921A5E17	mca_fcoll_vulcan_	Unknown	Unknown
libmpi.so.40.20.3	00007FAF92142C9A	mca_common_ompio_	Unknown	Unknown
libmpi.so.40.20.3	00007FAF92203D2D	mca_io_ompio_file	Unknown	Unknown
libmpi.so.40.20.3	00007FAF92113F13	PMPI_File_read_at	Unknown	Unknown
libpnetcdf.so.4.0	00007FAF92D54A6B	ncmpio_read_write	Unknown	Unknown
libpnetcdf.so.4.0	00007FAF92D54E18	ncmpio_get_var	Unknown	Unknown
libpnetcdf.so.4.0	00007FAF92C982CC	ncmpi_get_vara_fl	Unknown	Unknown
libpnetcdf.so.4.0	00007FAF92D68044	nfmpi_get_vara_re	Unknown	Unknown
hwrp_ocean_fcst.e	0000000000432D87	Unknown	Unknown	Unknown
hwrp_ocean_fcst.e	00000000004676E0	Unknown	Unknown	Unknown
hwrp_ocean_fcst.e	000000000046E320	Unknown	Unknown	Unknown
hwrp_ocean_fcst.e	000000000046F872	Unknown	Unknown	Unknown
hwrp_ocean_fcst.e	00000000004022D2	Unknown	Unknown	Unknown
libc-2.28.so	00007FAF8EDE5873	__libc_start_main	Unknown	Unknown
hwrp_ocean_fcst.e	00000000004021DE	Unknown	Unknown	Unknown

fortrl: error (78): process killed (SIGTERM)

Image	PC	Routine	Line	Source
libifcoremt.so.5	00007F1769F87555	for__signal_handl	Unknown	Unknown
libpthread-2.28.s	00007F176761CDC0	Unknown	Unknown	Unknown
libc-2.28.so	00007F1767343467	epoll_wait	Unknown	Unknown
libucs.so.0.0.0	00007F1765DD6A99	ucs_event_set_wai	Unknown	Unknown
libuct.so.0.0.0	00007F17663352DB	uct_tcp_iface_pro	Unknown	Unknown
libucp.so.0.0.0	00007F176656FBEA	ucp_worker_progre	Unknown	Unknown
libmpi.so.40.20.3	00007F176A6E5D74	mca_pml_ucx_progr	Unknown	Unknown
libopen-pal.so.40	00007F176681E094	opal_progress	Unknown	Unknown
libmpi.so.40.20.3	00007F176A573CAF	ompi_request_defa	Unknown	Unknown
libmpi.so.40.20.3	00007F176A62AE17	mca_fcoll_vulcan_	Unknown	Unknown

libmpi.so.40.20.3	00007F176A5C7C9A	mca_common_ompio_	Unknown	Unknown
libmpi.so.40.20.3	00007F176A688D2D	mca_io_ompio_file	Unknown	Unknown
libmpi.so.40.20.3	00007F176A598F13	PMPI_File_read_at	Unknown	Unknown
libpnetcdf.so.4.0	00007F176B1D9A6B	ncmpio_read_write	Unknown	Unknown
libpnetcdf.so.4.0	00007F176B1D9E18	ncmpio_get_var	Unknown	Unknown
libpnetcdf.so.4.0	00007F176B11D2CC	ncmpi_get_vara_fl	Unknown	Unknown
libpnetcdf.so.4.0	00007F176B1ED044	nfmpi_get_vara_re	Unknown	Unknown
hwrf_ocean_fcst.e	0000000000432D87	Unknown	Unknown	Unknown
hwrf_ocean_fcst.e	00000000004676E0	Unknown	Unknown	Unknown
hwrf_ocean_fcst.e	000000000046E320	Unknown	Unknown	Unknown
hwrf_ocean_fcst.e	000000000046F872	Unknown	Unknown	Unknown
hwrf_ocean_fcst.e	00000000004022D2	Unknown	Unknown	Unknown
libc-2.28.so	00007F176726A873	__libc_start_main	Unknown	Unknown
hwrf_ocean_fcst.e	00000000004021DE	Unknown	Unknown	Unknown

fortl: error (78): process killed (SIGTERM)

Image	PC	Routine	Line	Source
libifcoremt.so.5	00007F3D62E60555	for__signal_handl	Unknown	Unknown
libpthread-2.28.s	00007F3D604F5DC0	Unknown	Unknown	Unknown
libc-2.28.so	00007F3D6021C467	epoll_wait	Unknown	Unknown
libucs.so.0.0.0	00007F3D5ECAFA99	ucs_event_set_wai	Unknown	Unknown
libuct.so.0.0.0	00007F3D5F20E2DB	uct_tcp_iface_pro	Unknown	Unknown
libucp.so.0.0.0	00007F3D5F448BEA	ucp_worker_progre	Unknown	Unknown
libmpi.so.40.20.3	00007F3D635BED74	mca_pml_ucx_progr	Unknown	Unknown
libopen-pal.so.40	00007F3D5F6F7094	opal_progress	Unknown	Unknown
libmpi.so.40.20.3	00007F3D6344CCAF	ompi_request_defa	Unknown	Unknown
libmpi.so.40.20.3	00007F3D63503E17	mca_fcoll_vulcan_	Unknown	Unknown
libmpi.so.40.20.3	00007F3D634A0C9A	mca_common_ompio_	Unknown	Unknown
libmpi.so.40.20.3	00007F3D63561D2D	mca_io_ompio_file	Unknown	Unknown
libmpi.so.40.20.3	00007F3D63471F13	PMPI_File_read_at	Unknown	Unknown

libpnetcdf.so.4.0	00007F3D640B2A6B	ncmpio_read_write	Unknown	Unknown
libpnetcdf.so.4.0	00007F3D640B2E18	ncmpio_get_var	Unknown	Unknown
libpnetcdf.so.4.0	00007F3D63FF62CC	ncmpi_get_vara_fl	Unknown	Unknown
libpnetcdf.so.4.0	00007F3D640C6044	nfmpi_get_vara_re	Unknown	Unknown
hwrp_ocean_fcst.e	0000000000432D87	Unknown	Unknown	Unknown
hwrp_ocean_fcst.e	00000000004676E0	Unknown	Unknown	Unknown
hwrp_ocean_fcst.e	000000000046E320	Unknown	Unknown	Unknown
hwrp_ocean_fcst.e	000000000046F872	Unknown	Unknown	Unknown
hwrp_ocean_fcst.e	00000000004022D2	Unknown	Unknown	Unknown
libc-2.28.so	00007F3D60143873	__libc_start_main	Unknown	Unknown
hwrp_ocean_fcst.e	00000000004021DE	Unknown	Unknown	Unknown

fortrl: error (78): process killed (SIGTERM)

Image	PC	Routine	Line	Source
libifcoremt.so.5	00007FAED7B1E555	for__signal_handl	Unknown	Unknown
libpthread-2.28.s	00007FAED51B3DC0	Unknown	Unknown	Unknown
libc-2.28.so	00007FAED4EDA467	epoll_wait	Unknown	Unknown
libucs.so.0.0.0	00007FAED396DA99	ucs_event_set_wai	Unknown	Unknown
libuct.so.0.0.0	00007FAED3ECC2DB	uct_tcp_iface_pro	Unknown	Unknown
libucp.so.0.0.0	00007FAED4106BEA	ucp_worker_progre	Unknown	Unknown
libmpi.so.40.20.3	00007FAED827CD74	mca_pml_ucx_progr	Unknown	Unknown
libopen-pal.so.40	00007FAED43B5094	opal_progress	Unknown	Unknown
libmpi.so.40.20.3	00007FAED810ACAF	ompi_request_defa	Unknown	Unknown
libmpi.so.40.20.3	00007FAED81C1E17	mca_fcoll_vulcan_	Unknown	Unknown
libmpi.so.40.20.3	00007FAED815EC9A	mca_common_ompio_	Unknown	Unknown
libmpi.so.40.20.3	00007FAED821FD2D	mca_io_ompio_file	Unknown	Unknown
libmpi.so.40.20.3	00007FAED812FF13	PMPI_File_read_at	Unknown	Unknown
libpnetcdf.so.4.0	00007FAED8D70A6B	ncmpio_read_write	Unknown	Unknown
libpnetcdf.so.4.0	00007FAED8D70E18	ncmpio_get_var	Unknown	Unknown
libpnetcdf.so.4.0	00007FAED8CB42CC	ncmpi_get_vara_fl	Unknown	Unknown

```
libpnetcdf.so.4.0 00007FAED8D84044 nfmpi_get_vara_re Unknown Unknown
hwrp_ocean_fcst.e 0000000000432D87 Unknown Unknown Unknown
hwrp_ocean_fcst.e 00000000004676E0 Unknown Unknown Unknown
hwrp_ocean_fcst.e 000000000046E320 Unknown Unknown Unknown
hwrp_ocean_fcst.e 000000000046F872 Unknown Unknown Unknown
hwrp_ocean_fcst.e 00000000004022D2 Unknown Unknown Unknown
libc-2.28.so 00007FAED4E01873 __libc_start_main Unknown Unknown
hwrp_ocean_fcst.e 00000000004021DE Unknown Unknown Unknown
```

```
[node01:754481] 655 more processes have sent help message help-mpi-errors.txt /
mpi_errors_are_fatal
```

```
09/26 02:18:38.749 hwrp.runwrf (run.py:395) INFO: - exit status 13
```

```
09/26 02:18:38.749 hwrp.runwrf (fcsttask.py:933) INFO: wrf: exit status 13
```

```
09/26 02:18:38.750 hwrp.runwrf (fileop.py:914) INFO: rsl.out.0000: probably not an error: [Errno 22]
Invalid argument
```

```
09/26 02:18:38.750 hwrp.runwrf (fileop.py:923) INFO: rsl.out.0000: read 1 lines
```

```
09/26 02:18:38.750 hwrp.runwrf (fcsttask.py:937) ERROR: wrf: did not see SUCCESS COMPLETE in
rsl.out.0000
```

```
09/26 02:18:38Z NONAME-hwrp.runwrf: ERROR: wrf: did not see SUCCESS COMPLETE in rsl.out.0000
```

```
09/26 02:18:38.750 hwrp.runwrf (fcsttask.py:983) CRITICAL: runwrf failed: wrf: did not see SUCCESS
COMPLETE in rsl.out.0000
```

```
Traceback (most recent call last):
```

```
File "/home//hemanth/hwrp/hwrp_main/hwrfrun/run/hwrfrun/ush/hwrp/fcsttask.py", line 978, in run
self.run_exe()
```

```
File "/home//hemanth/hwrp/hwrp_main/hwrfrun/run/hwrfrun/ush/hwrp/coupling.py", line 226, in
run_exe
```

```
super(CoupledWRF,self).run_exe('wrf',None,cmd)
```

```
File "/home//hemanth/hwrp/hwrp_main/hwrfrun/run/hwrfrun/ush/hwrp/fcsttask.py", line 1703, in
run_exe
```

```
runner=runner,sleeptime=sleeptime)
```

```
File "/home//hemanth/hwrp/hwrp_main/hwrfrun/run/hwrfrun/ush/hwrp/fcsttask.py", line 938, in
run_exe
```

```
raise RealNMMError(msg)
```

```
RealNMMError: wrf: did not see SUCCESS COMPLETE in rsl.out.0000
```

```
09/26 02:18:38Z NONAME-hwrf.runwrf: CRITICAL: runwrf failed: wrf: did not see SUCCESS COMPLETE in rsl.out.0000
```

```
09/26 02:18:38.754 hwrf.runwrf (cd.py:186) WARNING:  
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/run  
wrf: leaving temp directory due to exception
```

```
09/26 02:18:38.754 hwrf.runwrf (cd.py:188) INFO:  
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/run  
wrf: listing current directory  
(/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/ru  
nwrf) via ls -l
```

```
intel64/lib:/home/hpcadm/apps/intel/2019/compilers_and_libraries_2019.5.281/linux/daal/lib/intel64_  
lin:/home/hpcadm/apps/intel/2019/compilers_and_libraries_2019.5.281/linux/daal/./tbb/lib/intel64_  
n/gcc4.4'
```

```
$TOTAL_TASKS='673'
```

```
$utilexec='/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/nwport/util/exec'
```

```
$LANG='en_IN.UTF-8'
```

```
$SLURM_TASK_PID='754429'
```

```
$START_TIME='2017090512'
```

```
$GSID01='NO'
```

```
$EXPT='hwrf/frun'
```

```
$FGATSTR='-3'
```

```
$_ModuleTable_Sz_='1'
```

```
$SLURM_PROCID='0'
```

```
$RUN_ENVIR='EMC'
```

```
$SUBEXPT='hwrf/frun'
```

```
$OMP_STACKSIZE='500M'
```

```
$FIXhwrf='/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/fix'
```

```
$cyc='12'
```

```
$SLURM_JOB_PARTITION='medium'
```

```
$CENLA='23.0'
```

\$SLURM_JOB_ID='7407'
\$SLURM_CPUS_ON_NODE='256'
\$CENLO='-62.8'
\$SSH_TTY='/dev/pts/2'
\$HOMEhwrh='/home//hemanth/hwrf/hwrf_main/hwrfhun/run/hwrfhun'
\$SLURM_NODEID='0'
\$SLURM_NNODES='3'
\$COMOUT='/home//hemanth/hwrf/hwrf_main/hwrfhun/run/hwrfhun/output/pytmp/hwrfhun/com/2017090512/11L'
\$SLURMD_NODENAME='node01'
\$LMOO_SETTARG_CMD=':'
\$FGATINV='3'
\$SLURM_JOBID='7407'
\$WHERE_AM_I='cheyenne'
\$SSH_CLIENT='10.255.88.5 59838 22'
\$SLURM_TOPOLOGY_ADDR_PATTERN='node'
\$LOGNAME=''
\$OCSTATFILE='/home//hemanth/hwrf/hwrf_main/hwrfhun/run/hwrfhun/output/pytmp/hwrfhun/com/2017090512/11L/storm1.ocean_status'
DATA='/home//hemanth/hwrf/hwrf_main/hwrfhun/run/hwrfhun/output/pytmp/hwrfhun/2017090512/11L'
\$SLURM_SUBMIT_HOST='node.one.com'
\$TERM='xterm'
\$storm_num='1'
\$LMOO_PREPEND_BLOCK='normal'
\$CDSORUB='/home//hemanth/hwrf/hwrf_main/hwrfhun/run/hwrfhun/output/pytmp'
\$LMOO_COLORIZE='no'
\$EMCGRAPHICS='NO'
\$CYCLE='2017090512'
\$PARMhwrh='/home//hemanth/hwrf/hwrf_main/hwrfhun/run/hwrfhun/parm'

\$STORM='IRMA'

\$SLURM_JOB_GID='1024'

\$SPINUP_DATA='/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp/hwrfun/2017090512/11L/OCEAN/'

\$LMOD_CMD='/opt/ohpc/admin/lmod/lmod/libexec/lmod'

\$OLDPWD='/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/wrappers'

\$SLURM_WORKING_CLUSTER='linux:node:6817:8960:109'

\$HISTCONTROL='ignoredups'

\$PWD='/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp/hwrfun/2017090512/11L'

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0319
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0318
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0501
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0311
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0310
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0313
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0312
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0315
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0314
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0317
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0316
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0405
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0404
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0407
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0406
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0401
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0400
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0403
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0402

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0409
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0408
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0089
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0088
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0081
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0080
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0083
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0082
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0085
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0084
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0087
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0086
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0531
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0530
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0533
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0532
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0535
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0534
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0537
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0536
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0539
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0538
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0305
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0629
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0628
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0625
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0624
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0627
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0626

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0621
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0620
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0623
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0622
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0034
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0035
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0036
lrwxrwxrwx 1 77 Sun Sep 26 02:17:01 2021 LANDUSE.TBL ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/LANDUSE.TBL
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0030
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0031
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0032
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0033
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0038
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0039
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0328
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0329
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0320
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0321
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0322
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0323
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0324
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0325
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0326
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0327
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0250
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0251
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0252
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0253

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0254
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0255
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0256
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0257
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0258
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0259
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0035
lrwxrwxrwx 1 76 Sun Sep 26 02:17:01 2021 masses.asc ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/masses.asc
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0154
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0324
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0325
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0326
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0327
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0320
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0321
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0322
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0323
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0328
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0329
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0180
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0181
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0182
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0183
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0184
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0185
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0186
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0187
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0188

-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0189
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0430
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0431
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0432
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0433
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0434
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0435
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0436
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0437
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0438
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0439
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0508
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0509
-rw-rw-r-- 1 3121672 Tue Sep 21 05:25:27 2021 IRMA.el_initial.nc
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0059
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0504
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0505
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0506
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0055
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0052
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0053
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0502
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0503
lrwxrwxrwx 1 79 Sun Sep 26 02:17:01 2021 RRTMG_SW_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/RRTMG_SW_DATA
lrwxrwxrwx 1 77 Sun Sep 26 02:17:01 2021 MPTABLE.TBL ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/MPTABLE.TBL
lrwxrwxrwx 1 76 Sun Sep 26 02:17:01 2021 README.fix ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/README.fix
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0618

-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0619
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0610
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0611
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0612
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0613
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0614
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0615
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0616
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0617
-rw-rw-r-- 1 444 Tue Sep 21 06:51:07 2021 kpp.nml
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0027
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0026
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0025
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0024
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0023
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0022
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0021
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0020
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0029
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0028
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0654
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0655
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0656
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0339
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0338
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0333
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0332
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0331
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0330

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0337
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0336
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0335
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0334
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0243
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0242
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0241
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0240
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0247
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0652
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0245
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0244
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0249
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0248
lrwxrwxrwx 1 87 Sun Sep 26 02:17:01 2021 aerosol_lat.formatted ->
/home//hemanth/hwrf/hwrf_main/hwrf-run/run/hwrf-run/fix/hwrf-wrf/aerosol_lat.formatted
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0333
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0332
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0331
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0330
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0337
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0336
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0335
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0334
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0339
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0338
lrwxrwxrwx 1 98 Sun Sep 26 02:17:01 2021 CAMtr_volume_mixing_ratio.RCP4.5 ->
/home//hemanth/hwrf/hwrf_main/hwrf-run/run/hwrf-run/fix/hwrf-
wrf/CAMtr_volume_mixing_ratio.RCP4.5
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0429

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0428
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0427
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0426
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0425
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0424
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0423
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0422
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0421
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0420
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0519
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0518
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0049
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0048
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0045
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0044
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0047
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0510
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0041
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0040
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0515
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0514
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0199
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0198
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0197
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0196
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0195
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0194
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0193
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0192

-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0191
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0190
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0401
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0400
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0151
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0607
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0606
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0605
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0604
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0603
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0602
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0601
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0600
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0405
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0609
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0608
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0155

lrwxrwxrwx 1 82 Sun Sep 26 02:17:01 2021 eta_micro_lookup.dat ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf_eta_micro_lookup.dat

lrwxrwxrwx 1 73 Sun Sep 26 02:17:01 2021 tr49t85 ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/tr49t85

lrwxrwxrwx 1 77 Sun Sep 26 02:17:01 2021 coeff_q.asc ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/coeff_q.asc

-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0012
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0013
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0010
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0011
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0016
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0017
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0014

-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0015
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0018
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0019
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0496
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0497
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0494
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0495
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0492
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0493
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0490
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0491
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0498
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0499
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0306
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0307
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0304
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0657
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0302
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0303
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0300
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0301
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0658
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0659
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0308
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0309
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0478
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0479
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0474
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0475

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-rw-rw-r-- 1      0 Sun Sep 26 02:17:45 2021 rsl.out.0476
-rw-rw-r-- 1      0 Sun Sep 26 02:17:45 2021 rsl.out.0477
-rw-rw-r-- 1      0 Sun Sep 26 02:17:46 2021 rsl.out.0470
-rw-rw-r-- 1      0 Sun Sep 26 02:17:46 2021 rsl.out.0471
-rw-rw-r-- 1      0 Sun Sep 26 02:17:46 2021 rsl.out.0472
-rw-rw-r-- 1      0 Sun Sep 26 02:17:46 2021 rsl.out.0473
lrwxrwxrwx 1      78 Sun Sep 26 02:17:01 2021 termvels.asc ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/termvels.asc
lrwxrwxrwx 1      73 Sun Sep 26 02:17:01 2021 tr49t67 ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/tr49t67
-rw-rw-r-- 1      0 Sun Sep 26 02:17:46 2021 rsl.out.0278
-rw-rw-r-- 1      0 Sun Sep 26 02:17:45 2021 rsl.out.0279
-rw-rw-r-- 1      0 Sun Sep 26 02:17:45 2021 rsl.out.0276
-rw-rw-r-- 1      0 Sun Sep 26 02:17:46 2021 rsl.out.0277
-rw-rw-r-- 1      0 Sun Sep 26 02:17:46 2021 rsl.out.0274
-rw-rw-r-- 1      0 Sun Sep 26 02:17:45 2021 rsl.out.0275
-rw-rw-r-- 1      0 Sun Sep 26 02:17:46 2021 rsl.out.0272
-rw-rw-r-- 1      0 Sun Sep 26 02:17:45 2021 rsl.out.0273
-rw-rw-r-- 1      0 Sun Sep 26 02:17:46 2021 rsl.out.0270
-rw-rw-r-- 1      0 Sun Sep 26 02:17:45 2021 rsl.out.0271
lrwxrwxrwx 1      88 Sun Sep 26 02:17:01 2021 aerosol_plev.formatted ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/aerosol_plev.formatted
lrwxrwxrwx 1      86 Sun Sep 26 02:17:01 2021 CLM_ASM_ICE_DFS_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/CLM_ASM_ICE_DFS_DATA
-rw-rw-r-- 1    4242 Sun Sep 26 02:17:38 2021 namelist.input
-rw-rw-r-- 1      31 Sun Sep 26 02:17:47 2021 rsl.error.0458
-rw-rw-r-- 1      31 Sun Sep 26 02:17:46 2021 rsl.error.0459
-rw-rw-r-- 1      31 Sun Sep 26 02:17:47 2021 rsl.error.0452
-rw-rw-r-- 1      31 Sun Sep 26 02:17:47 2021 rsl.error.0453
-rw-rw-r-- 1      31 Sun Sep 26 02:17:47 2021 rsl.error.0450
```

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0451
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0456
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0457
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0454
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0455
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0298
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0299
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0294
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0295
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0296
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0297
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0290
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0291
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0292
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0293
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0078
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0079
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0070
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0071
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0072
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0073
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0074
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0075
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0076
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0077

lrwxrwxrwx 1 129 Sun Sep 26 02:17:01 2021 geo_nmm_nest.l02.nc ->
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/inte
rcom/gfsinit/wps/geo_nmm_nest.l02.nc

-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0037

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0426
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0428
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0481
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0480
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0483
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0482
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0485
lrwxrwxrwx 1 78 Sun Sep 26 02:17:01 2021 capacity.asc ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/capacity.asc
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0487
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0486
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0489
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0488
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0647
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0646
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0645
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0644
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0643
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0642
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0641
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0640
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0319
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0318
-rw-rw-r-- 1 31 Sun Sep 26 02:17:50 2021 rsl.out.0649
-rw-rw-r-- 1 31 Sun Sep 26 02:17:50 2021 rsl.out.0648
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0469
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0468
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0467
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0466

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0465
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0464
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0463
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0462
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0461
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0460
-rw-rw-r-- 1 29 Sun Sep 26 02:17:48 2021 rsl.out.0009
-rw-rw-r-- 1 29 Sun Sep 26 02:17:48 2021 rsl.out.0008
-rw-rw-r-- 1 29 Sun Sep 26 02:17:48 2021 rsl.out.0005
-rw-rw-r-- 1 29 Sun Sep 26 02:17:48 2021 rsl.out.0004
lrwxrwxrwx 1 87 Sun Sep 26 02:17:01 2021 aerosol_lon.formatted ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/aerosol_lon.formatted
-rw-rw-r-- 1 29 Sun Sep 26 02:17:48 2021 rsl.out.0006
-rw-rw-r-- 1 29 Sun Sep 26 02:17:48 2021 rsl.out.0001
-rw-rw-r-- 1 29 Sun Sep 26 02:17:48 2021 rsl.out.0000
-rw-rw-r-- 1 29 Sun Sep 26 02:17:48 2021 rsl.out.0003
-rw-rw-r-- 1 29 Sun Sep 26 02:17:48 2021 rsl.out.0002
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0126
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0127
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0656
lrwxrwxrwx 1 83 Sun Sep 26 02:17:01 2021 aerosol.formatted ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/aerosol.formatted
lrwxrwxrwx 1 86 Sun Sep 26 02:17:01 2021 CLM_ALB_ICE_DFS_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/CLM_ALB_ICE_DFS_DATA
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0122
-rw-rw-r-- 1 1836 Sun Sep 26 02:17:50 2021 rsl.error.0651
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0269
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0268
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0652
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0261

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0260
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0263
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0262
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0265
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0264
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0267
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0266
lrwxrwxrwx 1 79 Sun Sep 26 02:17:01 2021 README.tslist ->
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/fix/hwrf-wrf/README.tslist
-rw-rw-r-- 1 579 Tue Sep 21 06:51:07 2021 pom.nml
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0449
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0448
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0441
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0440
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0443
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0442
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0445
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0444
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0447
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0446
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0289
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0288
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0283
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0282
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0281
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0280
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0287
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0286
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0285

-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0284

lrwxrwxrwx 1 96 Sun Sep 26 02:17:01 2021 CAMtr_volume_mixing_ratio.RCP6 ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-
wrf/CAMtr_volume_mixing_ratio.RCP6

-rw-rw-r-- 1 206016288 Tue Sep 21 05:25:24 2021 IRMA.ts_clim.nc

lrwxrwxrwx 1 81 Sun Sep 26 02:17:01 2021 URBPARAM_UZE.TBL ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/URBPARAM_UZE.TBL

-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0067

-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0066

-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0065

-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0064

-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0063

-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0062

-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0061

-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0060

-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0069

-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0068

lrwxrwxrwx 1 82 Sun Sep 26 02:17:01 2021 CCN_ACTIVATE.BIN ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/CCN_ACTIVATE.BIN

lrwxrwxrwx 1 81 Sun Sep 26 02:17:01 2021 README.namelist ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/README.namelist

lrwxrwxrwx 1 86 Sun Sep 26 02:17:01 2021 CLM_EXT_ICE_DFS_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/CLM_EXT_ICE_DFS_DATA

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0104

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0105

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0106

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0459

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0100

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0101

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0102

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0103

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0452
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0453
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0450
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0451
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0108
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0109
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0454
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0455
-rw-rw-r-- 1 1214249932 Tue Sep 21 06:51:06 2021 restart.phase2.nc
lrwxrwxrwx 1 83 Sun Sep 26 02:17:01 2021 ETAMPNEW_DATA_DBL ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/ETAMPNEW_DATA_DBL
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0588
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0589
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0580
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0581
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0582
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0583
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0584
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0585
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0586
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0587
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0078
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0079
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0070
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0071
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0072
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0073
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0074
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0075

-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0076
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0077
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0294
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0295
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0296
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0297
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0290
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0291
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0292
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0293
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0298
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0299
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0544
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0474
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0475
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0476
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0477
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0470
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0471
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0472
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0473
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0478
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0479
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0276
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0277
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0274
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0275
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0272
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0273

-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0270
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0271
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0278
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0279
lrwxrwxrwx 1 67 Sun Sep 26 02:17:01 2021 track ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf_track
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0012
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0013
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0010
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0011
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0016
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0017
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0014
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0015
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0018
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0019
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0382
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0383
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0380
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0381
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0386
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0387
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0384
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0385
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0388
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0389
lrwxrwxrwx 1 78 Sun Sep 26 02:17:01 2021 SOILPARAM.TBL ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/SOILPARAM.TBL
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0658

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0659
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0128
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0129
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0654
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0655
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0124
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0125
-rw-rw-r-- 1 1836 Sun Sep 26 02:17:50 2021 rsl.error.0650
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0123
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0120
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0653
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0498
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0499
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0496
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0497
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0494
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0495
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0492
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0493
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0490
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0491

lrwxrwxrwx 1 79 Sun Sep 26 02:17:01 2021 RRTM_DATA_DBL ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/RRTM_DATA_DBL

lrwxrwxrwx 1 122 Sun Sep 26 02:17:01 2021 fort.65 ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp/hwrfun/2017090512/11L/inte
rcom/gfsinit/realinit/fort.65

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0445
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0444
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0447
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0114

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0113
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0440
lrwxrwxrwx 1 78 Sun Sep 26 02:17:01 2021 CAM_ABS_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/fix/hwrf-wrf/CAM_ABS_DATA
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0443
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0442
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0117
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0116
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0115
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0446
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0441
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0112
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0111
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0110
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0449
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0448
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0119
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0118
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0599
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0598
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0593
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0592
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0591
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0590
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0597
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0596
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0595
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0594
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0069

-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0068
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0063
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0062
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0061
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0060
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0067
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0066
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0065
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0064
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0287
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0286
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0285
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0284
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0283
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0282
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0281
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0280
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0289
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0288
lrwxrwxrwx 1 78 Sun Sep 26 02:17:01 2021 CLM_TAU_DATA ->
/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/CLM_TAU_DATA
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0246
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0463
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0462
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0461
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0460
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0467
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0466
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0465

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0464
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0469
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0468
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0265
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0264
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0267
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0266
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0261
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0260
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0263
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0262
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0269
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0268
lrwxrwxrwx 1 86 Sun Sep 26 02:17:01 2021 ozone_plev.formatted ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/ozone_plev.formatted
-rw-rw-r-- 1 1378 Sun Sep 26 02:17:48 2021 rsl.error.0001
-rw-rw-r-- 1 1378 Sun Sep 26 02:17:48 2021 rsl.error.0000
-rw-rw-r-- 1 1378 Sun Sep 26 02:17:48 2021 rsl.error.0003
-rw-rw-r-- 1 1378 Sun Sep 26 02:17:48 2021 rsl.error.0002
-rw-rw-r-- 1 1378 Sun Sep 26 02:17:48 2021 rsl.error.0005
-rw-rw-r-- 1 1378 Sun Sep 26 02:17:48 2021 rsl.error.0004
-rw-rw-r-- 1 1378 Sun Sep 26 02:17:48 2021 rsl.error.0007
-rw-rw-r-- 1 1378 Sun Sep 26 02:17:48 2021 rsl.error.0006
-rw-rw-r-- 1 1378 Sun Sep 26 02:17:48 2021 rsl.error.0009
-rw-rw-r-- 1 1378 Sun Sep 26 02:17:48 2021 rsl.error.0008
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0391
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0390
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0393
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0392

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0395
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0394
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0397
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0396
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0399
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0398
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0233
-rw-rw-r-- 1 1836 Sun Sep 26 02:17:50 2021 rsl.error.0649
-rw-rw-r-- 1 1836 Sun Sep 26 02:17:50 2021 rsl.error.0648
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0139
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0138
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0643
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0642
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0641
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0640
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0131
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0130
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0645
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0132
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0489
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0488
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0485
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0484
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0487
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0486
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0481
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0480
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0483
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0482

-rw-rw-r-- 1 4238 Sun Sep 26 02:17:38 2021 fort.12

lrwxrwxrwx 1 75 Sun Sep 26 02:17:01 2021 co2_trans ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/co2_trans

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0618

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0619

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0610

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0611

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0612

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0613

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0614

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0615

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0616

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0617

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0122

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0431

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0120

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0121

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0126

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0127

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0124

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0125

lrwxrwxrwx 1 73 Sun Sep 26 02:17:01 2021 tr67t85 ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/tr67t85

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0439

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0128

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0129

lrwxrwxrwx 1 86 Sun Sep 26 02:17:01 2021 CLM_EXT_ICE_DRC_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/CLM_EXT_ICE_DRC_DATA

-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0056

-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0057

-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0054
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0055
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0052
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0053
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0050
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0051
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0058
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0059
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0548
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0549
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0544
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0545
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0546
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0547
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0540
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0541
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0542
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0543
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0135
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0134
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0137
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0250
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0251
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0252
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0253
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0254
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0255
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0256
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0257

-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0258
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0259
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0038
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0039
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0034
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0368
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0036
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0037
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0030
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0031
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0032
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0033
lrwxrwxrwx 1 129 Sun Sep 26 02:17:01 2021 geo_nmm_nest.l01.nc ->
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/inte
rcom/gfsinit/wps/geo_nmm_nest.l01.nc
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0108
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0109
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0100
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0101
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0102
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0103
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0104
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0105
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0106
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0107
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0484
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0058
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0056
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0057

-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0054
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0311
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0609
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0608
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0310
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0603
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0602
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0601
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0600
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0607
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0606
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0605
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0604
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0312
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0050
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0315
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0051
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0314
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0423
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0422
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0421
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0420
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0427
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0317
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0425
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0424
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0429
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0316
-rw-rw-r-- 1 46825244 Tue Sep 21 05:25:19 2021 IRMA.grid.nc

-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0041
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0040
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0043
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0042
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0045
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0044
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0047
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0046
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0049
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0048
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0559
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0558
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0557
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0556
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0555
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0554
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0553
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0552
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0551
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0550
lrwxrwxrwx 1 83 Sun Sep 26 02:17:01 2021 RRTMG_SW_DATA_DBL ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/RRTMG_SW_DATA_DBL
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0139
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0138
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0135
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0134
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0137
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0136
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0131

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0130
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0133
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0132
-rw-rw-r-- 1 21 Sun Sep 26 02:17:38 2021 domain.center
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0402
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0249
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0248
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0247
lrwxrwxrwx 1 81 Sun Sep 26 02:17:01 2021 CAM_AEROPT_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/CAM_AEROPT_DATA
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0245
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0244
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0243
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0242
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0241
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0240
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0029
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0028
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0023
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0022
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0021
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0020
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0027
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0026
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0025
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0024
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0117
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0116
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0115

-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0114
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0113
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0112
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0111
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0110
-rw-rw-r-- 1 29 Sun Sep 26 02:17:48 2021 rsl.out.0007
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0119
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0118
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0121
lrwxrwxrwx 1 125 Sun Sep 26 02:17:01 2021 wrfbdy_d01 ->
/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp/hwrfun/2017090512/11L/inte
rcom/gfsinit/realcst/wrfbdy_d01
lrwxrwxrwx 1 83 Sun Sep 26 02:17:01 2021 RRTMG_LW_DATA_DBL ->
/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/RRTMG_LW_DATA_DBL
lrwxrwxrwx 1 124 Sun Sep 26 02:17:01 2021 geo_nmm.d01.nc ->
/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp/hwrfun/2017090512/11L/inte
rcom/gfsinit/wps/geo_nmm.d01.nc
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0213
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0636
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0637
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0634
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0635
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0632
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0633
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0630
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0631
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0638
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0639
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0388
lrwxrwxrwx 1 80 Sun Sep 26 02:17:01 2021 CLM_KAPPA_DATA ->
/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/CLM_KAPPA_DATA

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0386
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0387
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0384
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0385
lrwxrwxrwx 1 89 Sun Sep 26 02:17:01 2021 bulkdens.asc_s_0_03_0_9 ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/bulkdens.asc_s_0_03_0_9
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0383
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0380
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0381
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0568
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0569
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0562
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0563
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0560
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0561
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0566
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0567
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0564
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0565
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0098
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0099
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0092
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0093
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0090
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0091
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0096
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0097
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0094
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0095

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0148
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0149
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0418
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0419
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0416
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0417
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0142
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0143
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0412
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0145
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0410
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0411
lrwxrwxrwx 1 95 Sun Sep 26 02:17:01 2021 CAMtr_volume_mixing_ratio.A1B ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-
wrf/CAMtr_volume_mixing_ratio.A1B
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0238
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0239
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0232
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0233
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0230
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0231
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0236
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0237
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0234
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0235
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0584
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0585
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0586
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0587

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0580
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0581
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0582
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0583
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0588
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0589
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0346
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0347
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0344
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0345
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0342
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0343
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0340
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0341
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0348
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0349
-rw-rw-r-- 1 31 Sun Sep 26 02:17:50 2021 rsl.out.0651
lrwxrwxrwx 1 127 Sun Sep 26 02:17:01 2021 wrfinput_d01 ->
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/inte
rcom/gfsinit/realinit/wrfinput_d01
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0162
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0163
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0160
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0161
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0166
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0167
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0164
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0165
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0168

-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0169
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0653
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0389
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0382
lrwxrwxrwx 1 75 Sun Sep 26 02:17:01 2021 RRTM_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/fix/hwrf-wrf/RRTM_DATA
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0568
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0569
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0566
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0567
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0564
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0565
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0562
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0563
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0560
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0561
-rw-rw-r-- 1 206016288 Tue Sep 21 05:25:21 2021 IRMA.ts_initial.nc
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0621
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0620
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0623
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0622
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0625
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0624
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0627
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0626
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0629
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0628
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0399
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0398

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0391
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0390
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0393
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0392
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0395
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0394
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0397
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0396
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0404
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0575
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0574
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0577
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0576
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0571
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0570
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0573
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0572
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0579
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0578
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0085
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0084
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0087
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0086
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0081
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0080
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0083
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0082
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0089
-rw-rw-r-- 1 30 Sun Sep 26 02:17:48 2021 rsl.out.0088

-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0136
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0647
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0646
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0409
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0408
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0159
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0158
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0133
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0153
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0152
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0403
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0150
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0157
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0156
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0407
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0406
lrwxrwxrwx 1 90 Sun Sep 26 02:17:01 2021 bulkradii.asc_s_0_03_0_9 ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/bulkradii.asc_s_0_03_0_9
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0246
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0229
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0228
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0221
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0220
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0223
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0222
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0225
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0224
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0227
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0226

-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0593
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0592
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0591
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0590
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0597
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0596
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0595
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0594
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0599
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0598
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0355
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0354
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0357
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0356
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0351
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0350
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0353
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0352
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0359
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0358
lrwxrwxrwx 1 85 Sun Sep 26 02:17:01 2021 ozone_lat.formatted ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/ozone_lat.formatted
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0171
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0170
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0173
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0172
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0175
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0174
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0177

-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0176
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0179
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0178
-rw-rw-r-- 1 26 Sun Sep 26 02:17:38 2021 set_nest
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0579
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0578
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0575
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0574
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0577
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0576
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0571
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0570
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0573
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0572
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0140
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0141
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0414
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0415
lrwxrwxrwx 1 84 Sun Sep 26 02:17:01 2021 wind-turbine-1.tbl ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/wind-turbine-1.tbl
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0144
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0413
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0146
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0637
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0147
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0364
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0365
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0366
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0367

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0360
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0361
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0362
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0363
-rw-rw-r-- 1 206016264 Tue Sep 21 05:25:27 2021 IRMA.uv_initial.nc
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0369
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0631
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0500
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0501
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0502
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0503
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0504
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0505
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0506
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0507
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0508
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0509
lrwxrwxrwx 1 77 Sun Sep 26 02:17:01 2021 gribmap.txt ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/gribmap.txt
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0166
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0167
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0164
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0165
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0162
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0163
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0160
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0161
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0168
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0169

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0218
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0219
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0214
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0215
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0216
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0217
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0210
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0211
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0212
lrwxrwxrwx 1 82 Sun Sep 26 02:17:01 2021 CLM_DRDSDTO_DATA ->
/home//hemant/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/CLM_DRDSDTO_DATA
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0188
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0189
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0184
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0185
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0186
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0187
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0180
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0181
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0182
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0183
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0214
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0215
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0216
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0217
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0210
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0211
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0212
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0213

-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0218
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0219
-rw-rw-r-- 1 21 Sun Sep 26 02:17:38 2021 storm.center
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0360
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0361
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0362
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0363
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0364
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0365
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0366
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0367
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0368
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0369
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0148
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0149
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0144
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0145
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0146
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0147
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0140
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0141
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0142
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0143
lrwxrwxrwx 1 94 Sun Sep 26 02:17:01 2021 CAMtr_volume_mixing_ratio.A2 ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/CAMtr_volume_mixing_ratio.A2
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0548
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0549
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0540
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0541

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0542

-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0543

lrwxrwxrwx 1 97 Sun Sep 26 02:17:01 2021 ETAMPNEW_DATA.expanded_rain_DBL ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-
wrf/ETAMPNEW_DATA.expanded_rain_DBL

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0545

-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0546

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0547

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0430

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0123

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0432

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0433

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0434

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0435

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0436

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0437

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0438

lrwxrwxrwx 1 79 Sun Sep 26 02:17:01 2021 RRTMG_LW_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfrun/run/hwrfrun/fix/hwrf-wrf/RRTMG_LW_DATA

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0377

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0376

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0375

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0374

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0373

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0372

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0371

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0370

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0379

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0378

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0513

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0512
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0511
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0510
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0517
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0516
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0515
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0514
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0519
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0518

lrwxrwxrwx 1 143 Sun Sep 26 02:17:01 2021 wrfanl_d03_2017-09-05_12_00_00 ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp/hwrfun/2017090512/11L/inte
rcom/gfsinit/wrfanl/wrfanl_d03_2017-09-05_12_00_00

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0171
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0170
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0173
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0172
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0175
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0174
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0177
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0176
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0179
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0178

lrwxrwxrwx 1 78 Sun Sep 26 02:17:01 2021 grib2map.tbl ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/grib2map.tbl

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0209
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0208
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0207
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0206
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0205
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0204

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0203
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0202
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0201
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0200
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0199
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0198
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0197
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0196
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0195
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0194
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0193
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0192
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0191
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0190
-rw-rw-r-- 1 31 Sun Sep 26 02:17:50 2021 rsl.out.0650

lrwxrwxrwx 1 86 Sun Sep 26 02:17:01 2021 CLM_ASM_ICE_DRC_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/CLM_ASM_ICE_DRC_DATA

-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0203
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0202
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0201
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0200
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0207
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0206
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0205
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0204

lrwxrwxrwx 1 77 Sun Sep 26 02:17:01 2021 coeff_p.asc ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/coeff_p.asc

-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0209
-rw-rw-r-- 1 1380 Sun Sep 26 02:17:48 2021 rsl.error.0208

```
lrwxrwxrwx 1      77 Sun Sep 26 02:17:01 2021 VEGPARAM.TBL ->
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/fix/hwrf-wrf/VEGPARAM.TBL

lrwxrwxrwx 1      93 Sun Sep 26 02:17:01 2021 ETAMPNEW_DATA.expanded_rain ->
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/fix/hwrf-
wrf/ETAMPNEW_DATA.expanded_rain

-rw-rw-r-- 1      31 Sun Sep 26 02:17:47 2021 rsl.error.0379
-rw-rw-r-- 1      31 Sun Sep 26 02:17:47 2021 rsl.error.0378
-rw-rw-r-- 1      31 Sun Sep 26 02:17:47 2021 rsl.error.0377
-rw-rw-r-- 1      31 Sun Sep 26 02:17:47 2021 rsl.error.0376
-rw-rw-r-- 1      31 Sun Sep 26 02:17:47 2021 rsl.error.0375
-rw-rw-r-- 1      31 Sun Sep 26 02:17:47 2021 rsl.error.0374
-rw-rw-r-- 1      31 Sun Sep 26 02:17:46 2021 rsl.error.0373
-rw-rw-r-- 1      31 Sun Sep 26 02:17:47 2021 rsl.error.0372
-rw-rw-r-- 1      31 Sun Sep 26 02:17:46 2021 rsl.error.0371
-rw-rw-r-- 1      31 Sun Sep 26 02:17:47 2021 rsl.error.0370

lrwxrwxrwx 1      79 Sun Sep 26 02:17:01 2021 ETAMPNEW_DATA ->
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/fix/hwrf-wrf/ETAMPNEW_DATA

-rw-rw-r-- 1     1380 Sun Sep 26 02:17:48 2021 rsl.error.0159
-rw-rw-r-- 1     1380 Sun Sep 26 02:17:48 2021 rsl.error.0158
-rw-rw-r-- 1     1380 Sun Sep 26 02:17:48 2021 rsl.error.0153
-rw-rw-r-- 1     1380 Sun Sep 26 02:17:48 2021 rsl.error.0152
-rw-rw-r-- 1     1380 Sun Sep 26 02:17:48 2021 rsl.error.0151
-rw-rw-r-- 1     1380 Sun Sep 26 02:17:48 2021 rsl.error.0150
-rw-rw-r-- 1     1380 Sun Sep 26 02:17:48 2021 rsl.error.0157
-rw-rw-r-- 1     1380 Sun Sep 26 02:17:48 2021 rsl.error.0156
-rw-rw-r-- 1     1380 Sun Sep 26 02:17:48 2021 rsl.error.0155
-rw-rw-r-- 1     1380 Sun Sep 26 02:17:48 2021 rsl.error.0154

lrwxrwxrwx 1      79 Sun Sep 26 02:17:01 2021 constants.asc ->
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/fix/hwrf-wrf/constants.asc
```

lrwxrwxrwx 1 143 Sun Sep 26 02:17:01 2021 wrfanl_d02_2017-09-05_12_00_00 ->
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/inte
rcom/gfsinit/wrfanl/wrfanl_d02_2017-09-05_12_00_00

lrwxrwxrwx 1 88 Sun Sep 26 02:17:01 2021 kernels.asc_s_0_03_0_9 ->
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/fix/hwrf-wrf/kernels.asc_s_0_03_0_9

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0557

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0556

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0555

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0554

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0553

-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0552

-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0551

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0550

-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0559

-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0558

lrwxrwxrwx 1 98 Sun Sep 26 02:17:01 2021 CAMtr_volume_mixing_ratio.RCP8.5 ->
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/fix/hwrf-
wrf/CAMtr_volume_mixing_ratio.RCP8.5

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0342

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0343

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0340

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0341

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0346

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0347

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0344

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0345

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0348

-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0349

-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0644

lrwxrwxrwx 1 77 Sun Sep 26 02:17:01 2021 URBPARAM.TBL ->
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/fix/hwrf-wrf/URBPARAM.TBL

-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0238
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0239
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0232
lrwxrwxrwx 1 79 Sun Sep 26 02:17:01 2021 kernels_z.asc ->
/home//hemanth/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/fix/hwrf-wrf/kernels_z.asc
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0230
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0231
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0236
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0237
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0234
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0235
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0528
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0529
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0526
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0527
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0524
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0525
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0522
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0523
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0520
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0521
-rw-rw-r-- 1 192 Sun Sep 26 02:17:01 2021 cpl_nml
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0308
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0309
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0302
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0303
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0300
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0301
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0306

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0307
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0304
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0305
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0416
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0417
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0414
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0415
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0412
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0413
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0410
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0411
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0418
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0419
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0313
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0098
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0099
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0092
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0093
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0090
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0091
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0096
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0097
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0094
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0095
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0522
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0523
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0520
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0521
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0526

-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0527
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0524
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0525
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0528
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0529
lrwxrwxrwx 1 77 Sun Sep 26 02:17:01 2021 GENPARM.TBL ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/GENPARM.TBL
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0657
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0513
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0512
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0511
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0046
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0638
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0639
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0636
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0517
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0634
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0635
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0632
-rw09/26 02:18:38.856 hwrf.runwrf (cd.py:139) INFO: chdir to old directory
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/output/pytmp/hwrfun/2017090512/11L
09/26 02:18:38.858 hwrf.exhwrf_forecast (exhwrf_forecast.py:141) CRITICAL: CRITICAL FAILURE:
Coupled forecast job failed. Aborting.
09/26 02:18:38Z NONAME-hwrf.exhwrf_forecast: CRITICAL: CRITICAL FAILURE: Coupled forecast job
failed. Aborting.
-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0633
-rw-rw-r-- 1 31 Sun Sep 26 02:17:47 2021 rsl.error.0630
-rw-rw-r-- 1 31 Sun Sep 26 02:17:46 2021 rsl.error.0516
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0043
-rw-rw-r-- 1 1379 Sun Sep 26 02:17:48 2021 rsl.error.0042

lrwxrwxrwx 1 86 Sun Sep 26 02:17:01 2021 CLM_ALB_ICE_DRC_DATA ->
/home//hemant/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/fix/hwrf-wrf/CLM_ALB_ICE_DRC_DATA

lrwxrwxrwx 1 144 Sun Sep 26 02:17:01 2021 met_nmm.d01.2017-09-05_12_00_00.nc ->
/home//hemant/hwrf/hwrf_main/hwrf/frun/run/hwrf/frun/output/pytmp/hwrf/frun/2017090512/11L/inte
rcom/gfsinit/wps/met_nmm.d01.2017-09-05_12_00_00.nc

-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0458
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0107
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0359
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0358
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0355
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0354
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0357
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0356
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0351
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0350
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0353
-rw-rw-r-- 1 0 Sun Sep 26 02:17:45 2021 rsl.out.0352
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0225
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0224
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0227
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0226
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0221
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0220
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0223
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0222
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0456
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0229
-rw-rw-r-- 1 31 Sun Sep 26 02:17:48 2021 rsl.out.0228
-rw-rw-r-- 1 0 Sun Sep 26 02:17:46 2021 rsl.out.0457

```
lrwxrwxrwx 1      81 Sun Sep 26 02:17:01 2021 ozone.formatted ->
/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/fix/hwrf-wrf/ozone.formatted
-rw-rw-r-- 1      0 Sun Sep 26 02:17:45 2021 rsl.out.0539
-rw-rw-r-- 1      0 Sun Sep 26 02:17:46 2021 rsl.out.0538
-rw-rw-r-- 1      0 Sun Sep 26 02:17:45 2021 rsl.out.0531
-rw-rw-r-- 1      0 Sun Sep 26 02:17:46 2021 rsl.out.0530
-rw-rw-r-- 1      0 Sun Sep 26 02:17:45 2021 rsl.out.0533
-rw-rw-r-- 1      0 Sun Sep 26 02:17:46 2021 rsl.out.0532
-rw-rw-r-- 1      0 Sun Sep 26 02:17:45 2021 rsl.out.0535
-rw-rw-r-- 1      0 Sun Sep 26 02:17:45 2021 rsl.out.0534
-rw-rw-r-- 1      0 Sun Sep 26 02:17:45 2021 rsl.out.0537
-rw-rw-r-- 1      0 Sun Sep 26 02:17:45 2021 rsl.out.0536
-rw-rw-r-- 1      4 Tue Sep 21 05:58:45 2021 pom_proc_count
-rw-rw-r-- 1     31 Sun Sep 26 02:17:46 2021 rsl.error.0507
-rw-rw-r-- 1     31 Sun Sep 26 02:17:46 2021 rsl.error.0500
```

Traceback (most recent call last):

```
File "/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/scripts/exhwrf_forecast.py", line 178, in
<module>
```

```
    doit()
```

```
File "/home//hemanth/hwrf/hwrf_main/hwrfun/run/hwrfun/scripts/exhwrf_forecast.py", line 142, in
doit
```

```
    raise Exception(msg)
```

Exception: CRITICAL FAILURE: Coupled forecast job failed. Aborting.