```
Initializing the shell function "module()" (and others) in order to be
able to use "module load ..." to load necessary modules ...

Loading modules for task "make_lbcs" ...

Currently Loaded Modules:
  1) intel/2020    10) ip/3.3.3           19) w3emc/2.7.3
  2) impi/2020     11) ip2/1.1.2          20) w3nco/2.4.1
  3) cmake/3.15.4  12) landsfcutil/2.4.1  21) wgrib2/2.0.8
  4) bacio/2.4.1   13) nceppost/dceca26   22) wrf_io/1.1.1
  5) bufr/11.4.0   14) nemsio/2.5.2       23) NCEPLIBS/2.0.0
  6) crtm/2.3.0    15) nemsiogfs/2.5.3    24) esmf/8.0.0
  7) g2/3.4.1      16) sfcio/1.4.1        25) miniconda3/3.8
  8) g2tmpl/1.9.1  17) sigio/2.3.2        26) make_lbcs.local
  9) gfsio/1.4.1   18) sp/2.3.3



Launching J-job (jjob_fp) for task "make_lbcs" ...
  jjob_fp = "/work/noaa/epic-ps/sephraim/ufs-srweather-app/
regional_workflow/jobs/JREGIONAL_MAKE_LBCS"


========================================================================
==
Entering script:  "JREGIONAL_MAKE_LBCS"
In directory:     "/work/noaa/epic-ps/sephraim/ufs-srweather-app/
regional_workflow/jobs"

This is the J-job script for the task that generates lateral boundary
condition (LBC) files (in NetCDF format) for all LBC update hours
(except
hour zero).
========================================================================
==

========================================================================
==
Entering script:  "exregional_make_lbcs.sh"
In directory:     "/work/noaa/epic-ps/sephraim/ufs-srweather-app/
regional_workflow/scripts"

This is the ex-script for the task that generates lateral boundary
con-
dition (LBC) files (in NetCDF format) for all LBC update hours (except
hour zero).
========================================================================
==
```

```
The arguments to the script in file

  "/work/noaa/epic-ps/sephraim/ufs-srweather-app/regional_workflow/
scripts/exregional_make_lbcs.sh"

have been set as follows:

  declare -- lbcs_dir="/work/noaa/epic-ps/sephraim/expt_dirs/
test_CONUS_25km_GFSv15p2/2019061500/INPUT"
 - INITIALIZE ESMF
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 - INITIALIZE ESMF
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- INITIALIZE ESMF
- INITIALIZE ESMF
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           24
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           12
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET            0
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           36
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET            1
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           25
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET            2
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           37
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           26
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           13
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
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- LOCAL PET            3
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           38
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           27
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           14
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET            4
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           39
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           28
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           15
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET            5
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           40
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           29
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           16
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET            6
- CALL VMGetGlobal
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- CALL VMGet
- NPETS IS            48
- LOCAL PET           41
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           30
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           17
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET            7
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           42
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           31
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           18
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET            8
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           43
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           32
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           19
- CALL VMGetGlobal
- CALL VMGet
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- LOCAL PET            9
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
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- LOCAL PET           44
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           33
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           20
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           10
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           45
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           34
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           21
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           11
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           46
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           35
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           22
- READ SETUP NAMELIST
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           47
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           23
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- READ SETUP NAMELIST
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- READ SETUP NAMELIST
- READ SETUP NAMELIST
- READ SETUP NAMELIST
- READ SETUP NAMELIST
- READ SETUP NAMELIST
- PROCESSING A REGIONAL NEST WITH A BOUNDARY HALO OF           4
- PROCESSING A REGIONAL NEST WITH A BLENDING HALO OF          10
- PROCESSING A REGIONAL NEST WITH A BOUNDARY HALO OF           4
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 - PROCESSING A REGIONAL NEST WITH A BLENDING HALO OF           10
 - PROCESSING A REGIONAL NEST WITH A BOUNDARY HALO OF            4
 - PROCESSING A REGIONAL NEST WITH A BLENDING HALO OF           10
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 - PROCESSING A REGIONAL NEST WITH A BOUNDARY HALO OF            4
 - PROCESSING A REGIONAL NEST WITH A BLENDING HALO OF           10
 - WILL PROCESS TRACER
 - WILL PROCESS INPUT TRACER
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 - WILL PROCESS INPUT TRACER
 - WILL PROCESS TRACER
 - WILL PROCESS INPUT TRACER
 - INPUT DATA FROM A GRIB2 FILE
 - WILL PROCESS TRACER
 - WILL PROCESS INPUT TRACER
 - INPUT DATA FROM A GRIB2 FILE
 OPEN VARIABLE MAPPING FILE:
 /work/noaa/epic-ps/sephraim/ufs-srweather-app/src/UFS_UTILS/parm/
varmap_tables/
 GFSphys_var_map.txt
 - WILL PROCESS TRACER
 - WILL PROCESS INPUT TRACER
 - INPUT DATA FROM A GRIB2 FILE
 OPEN VARIABLE MAPPING FILE:
 /work/noaa/epic-ps/sephraim/ufs-srweather-app/src/UFS_UTILS/parm/
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 GFSphys_var_map.txt
 - WILL PROCESS TRACER
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varmap_tables/
 GFSphys_var_map.txt
 - WILL PROCESS TRACER
 - WILL PROCESS INPUT TRACER
 - INPUT DATA FROM A GRIB2 FILE
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 OPEN VARIABLE MAPPING FILE:
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 GFSphys_var_map.txt
 - WILL PROCESS TRACER
 - WILL PROCESS INPUT TRACER
 - INPUT DATA FROM A GRIB2 FILE
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 /work/noaa/epic-ps/sephraim/ufs-srweather-app/src/UFS_UTILS/parm/
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 - WILL PROCESS TRACER
 - WILL PROCESS INPUT TRACER
 - INPUT DATA FROM A GRIB2 FILE
 OPEN VARIABLE MAPPING FILE:
 /work/noaa/epic-ps/sephraim/ufs-srweather-app/src/UFS_UTILS/parm/
varmap_tables/
 GFSphys_var_map.txt
 - OPEN TARGET GRID MOSAIC FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_mos
 aic.halo4.nc
```

```
 - OPEN TARGET GRID MOSAIC FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_mos
 aic.halo4.nc
 - OPEN TARGET GRID MOSAIC FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_mos
 aic.halo4.nc
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 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_mos
 aic.halo4.nc
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fix_lam/C403_mos
 aic.halo4.nc
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 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_mos
 aic.halo4.nc
 - OPEN TARGET GRID MOSAIC FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_mos
 aic.halo4.nc
 - OPEN TARGET GRID MOSAIC FILE:
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fix_lam/C403_mos
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fix_lam/C403_mos
 aic.halo4.nc
 - OPEN TARGET GRID MOSAIC FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_mos
 aic.halo4.nc
 - PROCESSING A REGIONAL NEST WITH A BOUNDARY HALO OF            4
 - PROCESSING A REGIONAL NEST WITH A BLENDING HALO OF           10
 - WILL PROCESS TRACER
 - WILL PROCESS INPUT TRACER
 - INPUT DATA FROM A GRIB2 FILE
 OPEN VARIABLE MAPPING FILE:
 /work/noaa/epic-ps/sephraim/ufs-srweather-app/src/UFS_UTILS/parm/
varmap_tables/
 GFSphys_var_map.txt
 - OPEN TARGET GRID MOSAIC FILE:
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 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_mos
 aic.halo4.nc
 - PROCESSING A REGIONAL NEST WITH A BOUNDARY HALO OF            4
 - PROCESSING A REGIONAL NEST WITH A BLENDING HALO OF           10
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– WILL PROCESS INPUT TRACER
– INPUT DATA FROM A GRIB2 FILE
– INPUT DATA FROM A GRIB2 FILE
– INPUT DATA FROM A GRIB2 FILE
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 - INPUT DATA FROM A GRIB2 FILE
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 GFSphys_var_map.txt
 - INPUT DATA FROM A GRIB2 FILE
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 /work/noaa/epic-ps/sephraim/ufs-srweather-app/src/UFS_UTILS/parm/
varmap_tables/
 GFSphys_var_map.txt
 - OPEN TARGET GRID MOSAIC FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_mos
 aic.halo4.nc
 - OPEN TARGET GRID MOSAIC FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_mos
 aic.halo4.nc
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fix_lam/C403_mos
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fix_lam/C403_mos
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
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fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
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fix_lam/C403_oro
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
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 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
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fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
```

```
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - READ TILE NAMES
 - READ TILE NAMES
 - READ TILE NAMES
 - READ TILE NAMES
 - READ TILE NAMES
 - READ TILE NAMES
 - READ TILE NAMES
 - READ TILE NAMES
 - READ TILE NAMES
 - READ TILE NAMES
 - READ TILE NAMES
 - READ TILE NAMES
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
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 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - READ NUMBER OF TILES
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - READ NUMBER OF TILES
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - READ NUMBER OF TILES
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - READ NUMBER OF TILES
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - READ NUMBER OF TILES
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - READ NUMBER OF TILES
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - READ NUMBER OF TILES
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - READ NUMBER OF TILES
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - READ NUMBER OF TILES
 - READ NUMBER OF TILES
 - READ NUMBER OF TILES
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
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 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
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 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
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 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
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- CALL FieldCreate FOR TARGET GRID LANDMASK.
- CALL FieldCreate FOR TARGET GRID LANDMASK.
- CALL FieldCreate FOR TARGET GRID LANDMASK.
- CALL FieldCreate FOR TARGET GRID LANDMASK.
- CALL FieldCreate FOR TARGET GRID LANDMASK.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.

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- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- READ MODEL LAND MASK FILE
```

```
 - OPEN LAND MASK FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
 - CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
 - CALL FieldCreate FOR TARGET GRID TERRAIN.
 - CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
 - READ I-DIMENSION
 - READ J-DIMENSION
 - I/J DIMENSIONS:          210         125
 - READ LAND MASK
 - READ RAW OROGRAPHY.
 - READ MODEL GRID FILE
 - OPEN MOSAIC FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_mos
 aic.halo4.nc
 - READ GRID FILE NAMES
 - OPEN GRID FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_gri
 d.tile7.halo4.nc
 - READ NXP ID
 - READ NXP
 - READ NYP ID
 - READ NYP
 - READ LONGITUDE ID
 - READ LONGITUDE
 - READ LATITUDE ID
 - READ LATIITUDE
 - CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - READ GRID DIMENSIONS
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
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- CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
- READ GRID DIMENSIONS
- CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
- READ GRID DIMENSIONS
- READ GRID DIMENSIONS
- READ GRID DIMENSIONS
- READ GRID DIMENSIONS
- READ GRID DIMENSIONS
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- READ GRID DIMENSIONS
- READ GRID DIMENSIONS
- READ GRID DIMENSIONS
- READ GRID DIMENSIONS
- READ GRID DIMENSIONS
- READ GRID DIMENSIONS
- I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
- READ GRID DIMENSIONS
- READ GRID DIMENSIONS
- READ GRID DIMENSIONS
- READ GRID DIMENSIONS
- I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
- READ GRID DIMENSIONS
- I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
- CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
- I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
- I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
- READ GRID DIMENSIONS
- I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
- I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
- CALL GridCreateMosaic FOR TARGET GRID
- READ GRID DIMENSIONS
- I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
- I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
- CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
- READ GRID DIMENSIONS
- I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
- CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
- I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
- CALL GridCreateMosaic FOR TARGET GRID
- READ GRID DIMENSIONS
- I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
- CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
- I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
```

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 - CALL GridCreateMosaic FOR TARGET GRID
 - READ GRID DIMENSIONS
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL GridCreateMosaic FOR TARGET GRID
 - READ GRID DIMENSIONS
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL GridCreateMosaic FOR TARGET GRID
 - READ GRID DIMENSIONS
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL GridCreateMosaic FOR TARGET GRID
 - READ GRID DIMENSIONS
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL GridCreateMosaic FOR TARGET GRID
 - READ GRID DIMENSIONS
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL GridCreateMosaic FOR TARGET GRID
 - READ GRID DIMENSIONS
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL GridCreateMosaic FOR TARGET GRID
 - READ GRID DIMENSIONS
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL GridCreateMosaic FOR TARGET GRID
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL GridCreateMosaic FOR TARGET GRID
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 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
```

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1
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
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 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - OPEN AND INVENTORY GRIB2 FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/
test_CONUS_25km_GFSv15p2/2019061500/FV3GF
 S/for_LBCS/gfs.t00z.pgrb2.0p25.f006
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID SEAMASK.
 - CALL FieldCreate FOR TARGET GRID SEAMASK.
 - CALL FieldCreate FOR TARGET GRID SEAMASK.
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- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
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- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldCreate FOR TARGET GRID TERRAIN.
```

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 - CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:             1
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
 - CALL FieldCreate FOR TARGET GRID TERRAIN.
 - CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:             1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:             1
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 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:           1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:           1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
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 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
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 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
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 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
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 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
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 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:           1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:           1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
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 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
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 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:           1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:           1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
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 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
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 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
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 - CALL FieldCreate FOR TARGET GRID LANDMASK.
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- CALL FieldCreate FOR TARGET GRID LANDMASK.
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- CALL FieldCreate FOR TARGET GRID LANDMASK.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
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- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.

- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
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- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
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- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
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- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.

- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS: 1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS: 1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS: 1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS: 1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS: 1
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS: 1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS: 1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS: 1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS: 1
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS: 1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS: 1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS: 1
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE.

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 - CALL FieldCreate FOR TARGET GRID LATITUDE_S.
 - CALL FieldCreate FOR TARGET GRID LATITUDE_W.
 - CALL FieldCreate FOR TARGET GRID LATITUDE_S.
 - CALL FieldCreate FOR TARGET GRID LATITUDE_W.
 - CALL FieldCreate FOR TARGET GRID LATITUDE.
 - CALL FieldCreate FOR TARGET GRID LATITUDE_S.
 - CALL FieldCreate FOR TARGET GRID LATITUDE_W.
 - CALL FieldCreate FOR TARGET GRID LATITUDE_S.
 - CALL FieldCreate FOR TARGET GRID LATITUDE_W.
 - CALL FieldCreate FOR TARGET GRID LATITUDE.
 - CALL FieldCreate FOR TARGET GRID LATITUDE_S.
 - CALL FieldCreate FOR TARGET GRID LATITUDE_W.
 - CALL FieldCreate FOR TARGET GRID LONGITUDE.
 - CALL FieldCreate FOR TARGET GRID LATITUDE_W.
 - CALL FieldCreate FOR TARGET GRID LONGITUDE.
 - CALL FieldCreate FOR TARGET GRID LATITUDE_W.
 - CALL FieldCreate FOR TARGET GRID LONGITUDE.
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
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 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
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 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldCreate FOR TARGET GRID LONGITUDE.
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
 - CALL FieldCreate FOR TARGET GRID LATITUDE_S.
 - CALL FieldCreate FOR TARGET GRID LONGITUDE.
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
 - CALL FieldCreate FOR TARGET GRID LONGITUDE.
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
 - CALL FieldCreate FOR TARGET GRID LONGITUDE.
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
 - CALL FieldCreate FOR TARGET GRID LONGITUDE.
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
 - CALL FieldCreate FOR TARGET GRID LONGITUDE.
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- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
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 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
Abort(999) on node 0 (rank 0 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 0
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 0)
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
Abort(999) on node 4 (rank 4 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 4
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 4)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
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 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
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 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS: 1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS: 1
Abort(999) on node 6 (rank 6 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 6
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 6)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS: 0
Abort(999) on node 7 (rank 7 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 7
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 7)
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS: 1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS: 1
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS: 0
Abort(999) on node 9 (rank 9 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 9
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 9)
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS: 1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS: 1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS: 1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS: 1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS: 1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS: 1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS: 1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS: 1
Abort(999) on node 2 (rank 2 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 2
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 2)
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS: 1
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS: 0
Abort(999) on node 11 (rank 11 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 11
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 11)
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:

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1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:            1
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:            1
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
Abort(999) on node 3 (rank 3 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 3
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 3)
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
Abort(999) on node 10 (rank 10 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 10
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 10)
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
Abort(999) on node 1 (rank 1 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 1
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 1)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
Abort(999) on node 5 (rank 5 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 5
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 5)
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
Abort(999) on node 8 (rank 8 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 8
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 8)
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
```

```
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
Abort(999) on node 26 (rank 26 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 26
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 26)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
Abort(999) on node 27 (rank 27 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 27
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 27)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
Abort(999) on node 32 (rank 32 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 32
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 32)
Abort(999) on node 33 (rank 33 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 33
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 33)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
Abort(999) on node 34 (rank 34 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 34
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 34)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
Abort(999) on node 24 (rank 24 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 24
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 24)
Abort(999) on node 25 (rank 25 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 25
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 25)
Abort(999) on node 28 (rank 28 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 28
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 28)
 - FATAL ERROR: READING GRIB2 FILE
```

```
 - IOSTAT IS:            0
slurmstepd: error: *** STEP 2358038.0 ON Orion-18-02 CANCELLED AT
2021-06-28T12:47:37 ***
Abort(999) on node 29 (rank 29 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 29
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 29)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
Abort(999) on node 30 (rank 30 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 30
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 30)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
Abort(999) on node 31 (rank 31 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 31
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 31)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
Abort(999) on node 35 (rank 35 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 35
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 35)
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
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 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
Abort(999) on node 16 (rank 16 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 16
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
```

```
process 16)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
Abort(999) on node 18 (rank 18 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 18
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 18)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
Abort(999) on node 20 (rank 20 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 20
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 20)
Abort(999) on node 21 (rank 21 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 21
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 21)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
Abort(999) on node 22 (rank 22 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 22
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 22)
Abort(999) on node 23 (rank 23 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 23
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 23)
Abort(999) on node 12 (rank 12 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 12
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 12)
Abort(999) on node 13 (rank 13 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 13
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 13)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
Abort(999) on node 14 (rank 14 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 14
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 14)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
Abort(999) on node 15 (rank 15 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 15
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 15)
 - FATAL ERROR: READING GRIB2 FILE
```

```
 - IOSTAT IS:            0
Abort(999) on node 17 (rank 17 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 17
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 17)
Abort(999) on node 19 (rank 19 in comm 0): application called
MPI_Abort(MPI_COMM_WORLD, 999) - process 19
In: PMI_Abort(999, application called MPI_Abort(MPI_COMM_WORLD, 999) -
process 19)
srun: Job step aborted: Waiting up to 32 seconds for job step to
finish.
srun: error: Orion-18-05: tasks 36-47: Killed
srun: Terminating job step 2358038.0
srun: error: Orion-18-04: tasks 24-35: Killed
srun: error: Orion-18-03: tasks 12-23: Killed
srun: error: Orion-18-02: tasks 0-11: Killed

ERROR:
  From script:  "exregional_make_lbcs.sh"
  Full path to script:  "/work/noaa/epic-ps/sephraim/ufs-srweather-
app/regional_workflow/scripts/exregional_make_lbcs.sh"
Call to executable (exec_fp) to generate lateral boundary conditions
(LBCs)
file for the FV3-LAM for forecast hour fhr failed:
  exec_fp = "/work/noaa/epic-ps/sephraim/ufs-srweather-app/bin/
chgres_cube"
  fhr = "6"
The external model from which the LBCs files are to be generated is:
  EXTRN_MDL_NAME_LBCS = "FV3GFS"
The external model files that are inputs to the executable (exec_fp)
are
located in the following directory:
  extrn_mdl_staging_dir = "/work/noaa/epic-ps/sephraim/expt_dirs/
test_CONUS_25km_GFSv15p2/2019061500/FV3GFS/for_LBCS"
Exiting with nonzero status.

ERROR:
  From script:  "JREGIONAL_MAKE_LBCS"
  Full path to script:  "/work/noaa/epic-ps/sephraim/ufs-srweather-
app/regional_workflow/jobs/JREGIONAL_MAKE_LBCS"
Call to ex-script corresponding to J-job "JREGIONAL_MAKE_LBCS" failed.
Exiting with nonzero status.
```