```
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_ics" ...

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_ics.local
  9) gfsio/1.4.1   18) sp/2.3.3




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

++ readlink -f /work/noaa/epic-ps/sephraim/ufs-srweather-app/
regional_workflow/jobs/JREGIONAL_MAKE_ICS
+ scrfunc_fp=/work/noaa/epic-ps/sephraim/ufs-srweather-app/
regional_workflow/jobs/JREGIONAL_MAKE_ICS
++ basename /work/noaa/epic-ps/sephraim/ufs-srweather-app/
regional_workflow/jobs/JREGIONAL_MAKE_ICS
+ scrfunc_fn=JREGIONAL_MAKE_ICS
++ dirname /work/noaa/epic-ps/sephraim/ufs-srweather-app/
regional_workflow/jobs/JREGIONAL_MAKE_ICS
+ scrfunc_dir=/work/noaa/epic-ps/sephraim/ufs-srweather-app/
regional_workflow/jobs
+ print_info_msg '
========================================================================
==
Entering script:  "JREGIONAL_MAKE_ICS"
In directory:     "/work/noaa/epic-ps/sephraim/ufs-srweather-app/
regional_workflow/jobs"

This is the J-job script for the task that generates initial condition
(IC), surface, and zeroth-hour lateral boundary condition (LBC0) files
for the FV3 (in NetCDF format).
========================================================================
=='

========================================================================
==
Entering script:  "JREGIONAL_MAKE_ICS"
```

```
In directory:     "/work/noaa/epic-ps/sephraim/ufs-srweather-app/
regional_workflow/jobs"

This is the J-job script for the task that generates initial condition
(IC), surface, and zeroth-hour lateral boundary condition (LBC0) files
for the FV3 (in NetCDF format).
========================================================================
==
+ ics_dir=/work/noaa/epic-ps/sephraim/expt_dirs/
test_CONUS_25km_GFSv15p2/2019061500/INPUT
+ mkdir_vrfy -p /work/noaa/epic-ps/sephraim/expt_dirs/
test_CONUS_25km_GFSv15p2/2019061500/INPUT
+ /work/noaa/epic-ps/sephraim/ufs-srweather-app/regional_workflow/
scripts/exregional_make_ics.sh ics_dir=/work/noaa/epic-ps/sephraim/
expt_dirs/test_CONUS_25km_GFSv15p2/2019061500/INPUT

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

This is the ex-script for the task that generates initial condition
(IC), surface, and zeroth hour lateral boundary condition (LBC0) files
(in NetCDF format) for the FV3-LAM.
========================================================================
==

The arguments to the script in file

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

have been set as follows:

  declare -- ics_dir="/work/noaa/epic-ps/sephraim/expt_dirs/
test_CONUS_25km_GFSv15p2/2019061500/INPUT"
 - INITIALIZE ESMF
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- INITIALIZE ESMF
- INITIALIZE ESMF
- INITIALIZE ESMF
- INITIALIZE ESMF
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           12
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           36
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET            0
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
```

```
- LOCAL PET           24
- 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           13
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET            2
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           26
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           14
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           37
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET            3
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           27
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           15
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           38
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET            4
- CALL VMGetGlobal
```

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- CALL VMGet
- NPETS IS            48
- LOCAL PET           28
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           16
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           39
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET            5
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           29
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           17
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           40
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET            6
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           30
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           18
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           41
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET            7
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
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- LOCAL PET           31
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           19
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           42
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET            8
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           32
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           20
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           43
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET            9
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           33
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           21
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           44
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           10
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           34
- CALL VMGetGlobal
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- CALL VMGet
- NPETS IS            48
- LOCAL PET           22
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           45
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           11
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           35
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           23
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           46
- READ SETUP NAMELIST
- READ SETUP NAMELIST
- CALL VMGetGlobal
- CALL VMGet
- NPETS IS            48
- LOCAL PET           47
- READ SETUP NAMELIST
- READ SETUP NAMELIST
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- 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 BOUNDARY HALO OF            4
- PROCESSING A REGIONAL NEST WITH A BLENDING HALO OF           10
- WILL PROCESS TRACER
- WILL PROCESS INPUT TRACER
- WILL PROCESS TRACER
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 - 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
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 /work/noaa/epic-ps/sephraim/ufs-srweather-app/src/UFS_UTILS/parm/
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 - WILL PROCESS TRACER
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 - PROCESSING A REGIONAL NEST WITH A BLENDING HALO OF           10
 - WILL PROCESS TRACER
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 - INPUT DATA FROM A GRIB2 FILE
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- PROCESSING A REGIONAL NEST WITH A BLENDING HALO OF           10
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 /work/noaa/epic-ps/sephraim/ufs-srweather-app/src/UFS_UTILS/parm/
varmap_tables/
 - WILL PROCESS TRACER
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 - 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
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 GFSphys_var_map.txt
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 /work/noaa/epic-ps/sephraim/ufs-srweather-app/src/UFS_UTILS/parm/
varmap_tables/
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 GFSphys_var_map.txt
 - 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 VARIABLE MAPPING FILE:
 /work/noaa/epic-ps/sephraim/ufs-srweather-app/src/UFS_UTILS/parm/
varmap_tables/
 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
 - 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/
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varmap_tables/
 GFSphys_var_map.txt
 - WILL PROCESS TRACER
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varmap_tables/
 GFSphys_var_map.txt
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varmap_tables/
 GFSphys_var_map.txt
 - WILL PROCESS TRACER
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 OPEN VARIABLE MAPPING FILE:
 /work/noaa/epic-ps/sephraim/ufs-srweather-app/src/UFS_UTILS/parm/
varmap_tables/
 GFSphys_var_map.txt
 - 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
 - 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
 - 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
 - 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
 - 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
 - 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
 - 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
 - OPEN TARGET GRID MOSAIC FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_mos
 aic.halo4.nc
 - WILL PROCESS TRACER
 - WILL PROCESS INPUT TRACER
 - 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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 - WILL PROCESS TRACER
 - WILL PROCESS INPUT TRACER
 - OPEN TARGET GRID MOSAIC FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_mos
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 aic.halo4.nc
 - WILL PROCESS TRACER
 - WILL PROCESS INPUT TRACER
 - OPEN TARGET GRID MOSAIC FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_mos
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 aic.halo4.nc
 - WILL PROCESS TRACER
 - WILL PROCESS INPUT TRACER
 - OPEN TARGET GRID MOSAIC FILE:
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 - INPUT DATA FROM A GRIB2 FILE
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 - INPUT DATA FROM A GRIB2 FILE
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 - INPUT DATA FROM A GRIB2 FILE
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 OPEN VARIABLE MAPPING FILE:
 /work/noaa/epic-ps/sephraim/ufs-srweather-app/src/UFS_UTILS/parm/
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 GFSphys_var_map.txt
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varmap_tables/
 GFSphys_var_map.txt
 OPEN VARIABLE MAPPING FILE:
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fix_lam/C403_mos
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 aic.halo4.nc
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fix_lam/C403_mos
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 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_mos
 aic.halo4.nc
 - READ NUMBER OF TILES
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 - READ NUMBER OF TILES
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 - READ TILE NAMES
 - 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:
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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/
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 - OPEN FIRST TARGET GRID OROGRAPHY FILE:
 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
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 /work/noaa/epic-ps/sephraim/expt_dirs/test_CONUS_25km_GFSv15p2/
fix_lam/C403_oro
 _data.tile7.halo4.nc
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 /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
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 - READ TILE NAMES
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 - READ TILE NAMES
 - READ TILE NAMES
 - 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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 - 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
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fix_lam/C403_oro
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fix_lam/C403_oro
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fix_lam/C403_oro
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fix_lam/C403_oro
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
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fix_lam/C403_oro
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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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fix_lam/C403_oro
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- I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
- READ GRID DIMENSIONS
- CALL GridCreateMosaic FOR TARGET GRID
- I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
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- I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
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- I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
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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:
 - 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
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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:
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fix_lam/C403_oro
 _data.tile7.halo4.nc
 - NUMBER OF TILES, TARGET MODEL GRID IS            1
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
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fix_lam/C403_oro
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
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 - NUMBER OF TILES, TARGET MODEL GRID IS            1
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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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fix_lam/C403_oro
 _data.tile7.halo4.nc
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
 - CALL FieldCreate FOR TARGET GRID LANDMASK.
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- 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.
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- 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.
- 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.
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- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- 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_S.
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- CALL FieldCreate FOR TARGET GRID LONGITUDE_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_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
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- 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.
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- CALL FieldCreate FOR TARGET GRID TERRAIN.
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
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- 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_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- 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_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_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 LONGITUDE.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- 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 SEAMASK.
- CALL FieldCreate FOR TARGET GRID LATITUDE_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_S.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID SEAMASK.
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- 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.
- 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_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- 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.
- 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_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
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- 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_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 LATITUDE_S.
- 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 LONGITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_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_S.
- 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 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 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 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.
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 - 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 FieldScatter FOR TARGET GRID LANDMASK. TILE IS:            1
 - READ I-DIMENSION
 - READ J-DIMENSION
 - I/J DIMENSIONS:          210         125
 - READ LAND MASK
 - READ GRID DIMENSIONS
 - READ GRID DIMENSIONS
 - READ RAW OROGRAPHY.
 - READ GRID DIMENSIONS
 - READ GRID DIMENSIONS
 - READ GRID DIMENSIONS
 - READ GRID DIMENSIONS
 - 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
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - I/J DIMENSIONS OF THE TARGET GRID TILES          210         125
 - 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 GridCreateMosaic FOR TARGET GRID
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 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL GridCreateMosaic FOR TARGET GRID
 - CALL GridCreateMosaic FOR TARGET GRID
 - 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
 - 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 LONGITUDE. 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
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 - CALL FieldScatter FOR TARGET GRID LONGITUDE. 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 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 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 LONGITUDE. 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 LONGITUDE. 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. TILE IS:           1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. 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. 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 LONGITUDE_S. 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 LONGITUDE. 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_S. TILE IS:
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 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
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 - 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_S. TILE IS:
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1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_S. TILE IS:
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 - 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 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_W. TILE IS:
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 - 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 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 LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
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 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
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 - 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 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_W. 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 LONGITUDE_S. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LATITUDE. 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 LONGITUDE_W. TILE IS:
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 - CALL FieldScatter FOR TARGET GRID LATITUDE. 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 LONGITUDE_W. TILE IS:
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 - CALL FieldScatter FOR TARGET GRID LATITUDE. 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 LONGITUDE_W. TILE IS:
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 - CALL FieldScatter FOR TARGET GRID LATITUDE. 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 LONGITUDE_W. TILE IS:
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 - CALL FieldScatter FOR TARGET GRID LATITUDE. TILE IS:           1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. 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. 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. TILE IS:           1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. 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. 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. TILE IS:           1
 - CALL FieldScatter FOR TARGET GRID LATITUDE_S. 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. 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. 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. 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. TILE IS:           1
- CALL FieldScatter FOR TARGET GRID LATITUDE_W. 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_S. TILE IS:           1
- CALL FieldScatter FOR TARGET GRID LATITUDE_W. 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_S. TILE IS:           1
- CALL FieldScatter FOR TARGET GRID LATITUDE_W. 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_S. TILE IS:           1
- CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:           1
- CALL FieldScatter FOR TARGET GRID LATITUDE_S. 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 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 LATITUDE_S. 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 TERRAIN. TILE IS:          1
- CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:           1
- CALL FieldCreate FOR TARGET GRID LONGITUDE.
- CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:          1
- CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:           1
- CALL FieldCreate FOR TARGET GRID LONGITUDE_S.
- CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:           1
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 - CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:           1
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:           1
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:           1
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:           1
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:           1
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:           1
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:           1
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
 - CALL FieldCreate FOR TARGET GRID TERRAIN.
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:           1
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
 - CALL FieldCreate FOR TARGET GRID TERRAIN.
 - CALL FieldScatter FOR TARGET GRID LATITUDE_W. TILE IS:           1
 - CALL FieldCreate FOR TARGET GRID TERRAIN.
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
 - CALL FieldCreate FOR TARGET GRID TERRAIN.
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
 - CALL FieldCreate FOR TARGET GRID TERRAIN.
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
 - 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 FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
 - CALL FieldCreate FOR TARGET GRID TERRAIN.
 - 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_ICS/gfs.t00z.pgrb2.0p25.f000
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
 - CALL FieldCreate FOR TARGET GRID TERRAIN.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
 - CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:           1
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
 - CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:           1
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
```

```
- CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:           1
- DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
- CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:           1
- DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
- CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:           1
- DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
- CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:           1
- DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
- CALL FieldScatter FOR TARGET GRID TERRAIN. TILE IS:           1
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:           1
- DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:           1
- DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:           1
- DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
- CALL FieldScatter FOR TARGET GRID LANDMASK. TILE IS:           1
- DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
- 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 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
- DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
- 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
- DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
- CALL FieldScatter FOR TARGET GRID SEAMASK. TILE IS:           1
- DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
- CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:           1
- DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
- CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:           1
- DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
- CALL FieldScatter FOR TARGET GRID LONGITUDE. 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. TILE IS:           1
- CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:           1
- CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:           1
- DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
- CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:           1
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```
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. TILE IS:            1
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
 - CALL FieldScatter FOR TARGET GRID LONGITUDE. 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_S. 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_S. 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_S. 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_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 LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
```

```
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. TILE IS:
1
 - CALL FieldScatter FOR TARGET GRID LONGITUDE_W. 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. 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_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 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
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- 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.
- 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.
- 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 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.
```

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- 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_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- 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 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 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 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 LATITUDE_S.
- CALL FieldCreate FOR TARGET GRID LATITUDE_W.
- 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_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 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 TERRAIN.
 - CALL FieldCreate FOR TARGET GRID LONGITUDE_W.
 - CALL FieldCreate FOR TARGET GRID TERRAIN.
 - CALL FieldCreate FOR TARGET GRID TERRAIN.
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
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)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
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)
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)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
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
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)
 - 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)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
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)
 - FATAL ERROR: READING GRIB2 FILE
 - IOSTAT IS:            0
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)
 - 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)
 - 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)
 - 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)
slurmstepd: error: *** STEP 2358037.0 ON Orion-13-43 CANCELLED AT
2021-06-28T12:47:37 ***
 - 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 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
 - 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 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 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_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
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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 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
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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
 - 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 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_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.
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 - 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.
 - DEFINE INPUT GRID OBJECT FOR INPUT GRIB2 DATA.
srun: Job step aborted: Waiting up to 32 seconds for job step to
finish.
srun: error: Orion-13-46: tasks 36-47: Killed
srun: Terminating job step 2358037.0
srun: error: Orion-13-45: tasks 24-35: Killed
srun: error: Orion-13-44: tasks 12-23: Killed
srun: error: Orion-13-43: tasks 0-11: Killed
```

```
ERROR:
  From script:  "exregional_make_ics.sh"
  Full path to script:  "/work/noaa/epic-ps/sephraim/ufs-srweather-
app/regional_workflow/scripts/exregional_make_ics.sh"
Call to executable (exec_fp) to generate surface and initial
conditions
(ICs) files for the FV3-LAM failed:
  exec_fp = "/work/noaa/epic-ps/sephraim/ufs-srweather-app/bin/
chgres_cube"
The external model from which the ICs files are to be generated is:
  EXTRN_MDL_NAME_ICS = "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_ICS"
Exiting with nonzero status.
+ print_err_msg_exit 'Call to ex-script corresponding to J-job
"JREGIONAL_MAKE_ICS" failed.'

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