

TIMING: beginning ... 09:55:55

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PROGRAM GETTRK HAS BEGUN. COMPILED 1999104.62 ORG: NP22
STARTING DATE-TIME AUG 05.2021 09:55:55.275 217 THU 2459432

```
just before trackerinfo read namelist
just after trackerinfo read namelist
in read_nlists, verb=      3
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After datein namelist in trak.f, namelist parms follow:

```
Forecast initial year = byy =      16
Forecast initial month = bmm =     10
Forecast initial day  = bdd =       4
Forecast initial hour = bhh =       0
Forecast model identifier = model=    17
Forecast model type = modtyp= regional
Forecast model data lead time units= lt_units= hours
Forecast model data sequencing setup= file_seq= onebig
Forecast model nest type = moveable
```

Values read in from atcfinfo namelist:

ATCF ID = 81 ATCF Name = HREL
 ATCF date (initial date on output atcf records) = 2016100400
 ATCF output frequency (in hours*100) = atcffreq = 100

Values read in from trackerinfo namelist follow:

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western boundary = westbd = 70.00
eastern boundary = eastbd = 80.00
northern boundary = northbd = 36.00
southern boundary = southbd = 10.00
tracker type = tcgen
mslp threshold = mslpthresh = 0.0015
Flag for using backup mslp gradient check= use_backup_mslp_grad_check = y
v850 threshold = v850thresh = 1.5000
Flag for using backup 850 mb Vt check= use_backup_850_vt_check = y
model grid type = regional
Contour interval to be used = 1.00
Flag for whether or not roci will be computed and written out for tracker-type case = T
Flag for whether or not vitals will be written out = y
Flag for whether or not a land mask will be used for tcgen candidate low filtering = y
Flag for input data type (grib or netcdf) = grib
Flag for which GRIB version (1 or 2) the input data will be in = 1
Flag for input GRIB2 JPDTN (0 or 1) = 0
Flag for input GRIB2 MSLP ID (1 or 192) = 192
Flag for input GRIB1 MSLP ID (102 or 130) = 2
Flag for input GRIB1 sfcwind level type (PDS Octet 10... should be 1 or 105) = 105
Flag for input GRIB1 sfcwind level value (PDS Octets 11 & 12... usually 0 or 10) = 10

```

Values read in from netcdflist namelist:

Total *possible* number of input NetCDF variables,
including those that are included in the input
NetCDF file and those that are not = 0
Input NetCDF filename =

List of NetCDF variables follows. A value of X
indicates the variable is not included in the
input file and no attempt will be made to read in
that variable:

NetCDF variable name for 850 mb vort =
NetCDF variable name for 700 mb vort =
NetCDF variable name for 850 mb u-comp =
NetCDF variable name for 850 mb v-comp =
NetCDF variable name for 700 mb u-comp =
NetCDF variable name for 700 mb v-comp =
NetCDF variable name for 850 mb gp height =
NetCDF variable name for 700 mb gp height =
NetCDF variable name for MSLP =
NetCDF variable name for near-sfc u-comp =
NetCDF variable name for near-sfc v-comp =
NetCDF variable name for 500 mb u-comp =
NetCDF variable name for 500 mb v-comp =
NetCDF variable name for 300-500 mb Mean T =
NetCDF variable name for 500 mb gp height =
NetCDF variable name for 200 mb gp height =
NetCDF variable name for land-sea mask =
NetCDF variable name for 900 mb gp height =
NetCDF variable name for 800 mb gp height =
NetCDF variable name for 750 mb gp height =
NetCDF variable name for 650 mb gp height =
NetCDF variable name for 600 mb gp height =
NetCDF variable name for 550 mb gp height =
NetCDF variable name for 450 mb gp height =
NetCDF variable name for 400 mb gp height =
NetCDF variable name for 350 mb gp height =
NetCDF variable name for 300 mb gp height =
NetCDF variable name for time =
NetCDF variable name for longitudes =
NetCDF variable name for latitudes =
NetCDF time value (hours|days) =

Values read in from parmpreflist namelist:

user_wants_to_track_zeta850= y
user_wants_to_track_zeta700= y
user_wants_to_track_wcirc850= y
user_wants_to_track_wcirc700= y
user_wants_to_track_gph850= y
user_wants_to_track_gph700= y
user_wants_to_track_mslp= y
user_wants_to_track_wcircsfc= y
user_wants_to_track_zetasfc= y

user_wants_to_track_thick500850= y
user_wants_to_track_thick200500= y
user_wants_to_track_thick200850= y

Values read in from phaseinfo namelist:
Storm phase flag = y Phase scheme = both
Storm phase, warm core depth (wcore_depth) = 1.00

Values read in from structinfo namelist:
Structure flag = n
IKE flag = n

Values read in for grib file name from fnameinfo namelist:
Model name description = gmodname = hwrp
Forecast run description = rundescr = 25x25
Optional ATCF / Storm name description = atcfdescr = AL142016

Value read in for verbose output for most output:
Value read in for verbose flag = verb = 3

Value read in for verbose output for grib2 output:
Value read in for GRIB2 verbose flag = verb_g2 = 0

Values read in from waitinfo namelist:
Flag for input file waiting = use_waitfor = n
min age (time in seconds since last mod) = wait_min_age = 10
min file size in bytes = wait_min_size = 100
max number of seconds to wait for each file = wait_max_wait = 3600
number of seconds to sleep between checks = wait_sleeptime = 5
Top of while loop in read_fhours
1 0
readloop, ict= 1 inpmin= 0
Top of while loop in read_fhours
2 360
readloop, ict= 2 inpmin= 360
Top of while loop in read_fhours

i= 1 input lead time index= 1 minutes= 0 real_lead_time= 0.00 clock_lead_time= 0: 0
i= 2 input lead time index= 2 minutes= 360 real_lead_time= 6.00 clock_lead_time= 6: 0

!!! NOTE: In read_tcv_card, the fortran inquire
!!! statement indicates that the tcvitals file for
!!! already-existing, RSMC-numbered storms does
!!! NOT exist. While this TC Vitals file is
!!! needed for tracker cases, you are running
!!! either a midlat or tcgen case here, and so
!!! that file is not needed... although you can
!!! run with using tc vitals for those genesis
!!! cases if you want to. You may want to check
!!! and make sure this is what you intend. If
!!! you do want to use it, the TC Vitals file
!!! should be in this directory and it should be
!!! named tcvit_rsmc_storms.txt
!!!

In read_tcv_card, tracker type of "midlat" or "tcgen" indicates that this run of the tracker is for a midlat or a tcgen case....

After read_tcv_card, num vitals = 0

After read_gen_vitals, total number of vitals (both TC and non-TC) now = 0

TEST open_grib_files, unit lugb= 11 is CLOSED

TEST open_grib_files, unit lugi= 31 is CLOSED

TEST gname open_grib_files, gfile=

is CLOSED

TEST iname open_grib_files, ifile=

is CLOSED

gettrk baopen: igoret= 0 iioreset= 0 iooret= 0

forrtl: severe (174): SIGSEGV, segmentation fault occurred

Image	PC	Routine	Line	Source
gettrk.exe	000000000051352D	for_signal_handl	Unknown	Unknown
libpthread-2.17.s	00007F8E22E065D0	Unknown	Unknown	Unknown
gettrk.exe	0000000000415186	Unknown	Unknown	Unknown
gettrk.exe	000000000040B516	Unknown	Unknown	Unknown
gettrk.exe	000000000040A2FE	Unknown	Unknown	Unknown
libc-2.17.so	00007F8E22A4C3D5	__libc_start_main	Unknown	Unknown
gettrk.exe	000000000040A203	Unknown	Unknown	Unknown