NCAR UCAR

Ben Foster <foster@ucar.edu>

timegcm history
9 messages

Ben Foster <foster@ucar.edu>   Tue, Feb 10, 2015 at 3:58 PM
To: Yuan Ho <yuanho@ucar.edu>

Yuan,

Should I also define _CoordinateAxisType attributes for the magnetic
coordinates mlon, mlat? Would the values be "Lon" and "Lat"?
Thanks,

--
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Yuan Ho <yuanho@ucar.edu>   Tue, Feb 10, 2015 at 4:12 PM
To: Ben Foster <foster@ucar.edu>

I didn't see any variable use these two coordinate variables, but it is still a good idea to add.

Yuan
[Quoted text hidden]

Ben Foster <foster@ucar.edu>   Tue, Feb 10, 2015 at 4:18 PM
To: Yuan Ho <yuanho@ucar.edu>

We always save geopotential on the magnetic grid "ZMAG", but we also optionally save arbitrary diagnostic
fields on the mag grid to secondary files. Thanks,
[Quoted text hidden]

Ben Foster <foster@ucar.edu>   Tue, Feb 10, 2015 at 5:01 PM
To: Yuan Ho <yuanho@ucar.edu>, Gang Lu <ganglu@ucar.edu>

I have put 2 timegcm history files (primary and secondary), with the
corrections, in:

http://download.hao.ucar.edu/pub/foster/yuanho

Their respective ncdump files (*.ncd) are also there. Please take a look,
and let me know if there are mistakes or more changes that need to be made. thanks,

--Ben
[Quoted text hidden]

Yuan Ho <yuanho@ucar.edu>   Wed, Feb 11, 2015 at 11:11 AM
To: Ben Foster <foster@ucar.edu>
Cc: Gang Lu <ganglu@ucar.edu>

Ben,
    These two are in much better shape, I have no complaints at this time (maybe later :))

Yuan

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Ben Foster <foster@ucar.edu>   Wed, Feb 11, 2015 at 11:35 AM
To: Yuan Ho <yuanho@ucar.edu>
Cc: Gang Lu <ganglu@ucar.edu>

Thanks Yuan, I'll wait to hear from you later, but I may go ahead
and commit these changes later this week, so Gang can start writing
new histories.

--Ben

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Yuan Ho <yuanho@ucar.edu>   Wed, Feb 11, 2015 at 1:36 PM
To: Ben Foster <foster@ucar.edu>
Cc: Gang Lu <ganglu@ucar.edu>

Ben,

I didn't see the GZMID in both files. Only Z and GZ.

Yuan

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Ben Foster <foster@ucar.edu>   Wed, Feb 11, 2015 at 2:07 PM
To: Yuan Ho <yuanho@ucar.edu>
Cc: Gang Lu <ganglu@ucar.edu>

Oh right, sorry about that. I have rerun the case and put the new files
in the same location. ZGMID will be only on the secondary history file
(*s_test*.nc), not on the primary file (*p_test*.nc).

--Ben

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Yuan Ho <yuanho@ucar.edu>   Thu, Feb 12, 2015 at 4:06 PM
To: Ben Foster <foster@ucar.edu>
Cc: Gang Lu <ganglu@ucar.edu>

Ben,
    I noticed that there are only missing values for the ZG and ZGMID in the first time step.   Is there any reason
for all missing values?

Yuan

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