

Contribution to section 4 (Data Format Issues)

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The AOML DAC distributed the first set of delayed-mode data.

An issue that needs to be discussed is that the delayed-mode trajectory files are typically about 5 times larger than the real-time trajectory files (see the examples below).

The reason is the history section. Every time a value is changed the whole length of the record goes into the history section. This will make the history section very large without adding much information.

To solve this problem the history section needs to be changed. This could be done by giving the start cycle and the stop cycle for the changed trajectory segment.

Here are some examples:

delayed-mode 1289952 5900122_traj.nc
real-time 229224 5900122_traj.nc

delayed-mode 1008656 5900130_traj.nc
real-time 181712 5900130_traj.nc

delayed-mode 933504 5900214_traj.nc
real-time 167760 5900214_traj.nc

delayed-mode 725216 5900321_traj.nc
real-time 132668 5900321_traj.nc

delayed-mode 773792 5900322_traj.nc
real-time 140852 5900322_traj.nc

delayed-mode 724480 5900323_traj.nc
real-time 132544 5900323_traj.nc

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