



Scripts to produce G-Rad's NetCDF files

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To: Allison McComiskey - NOAA Federal <allison.mccomiskey@noaa.gov>

Cc: Rebecca Evrard - NOAA Affiliate <rebecca.l.evrard@noaa.gov>

Hi Allison,

Attached is the pipeline of files I've built to generate the G-Rad group's NetCDFs. I hope it will be useful to you and your team.

"completePipeline.sh" is the primary file. It calls the other python scripts to:

- Replace -9999 values to NaNs
- Parse the data and site from the filenames (i.e. was_20160210.qdat)
- Convert your DATs to NetCDFs (via CSVs)
- Add compliant metadata
- Compress the NetCDFs at the end

There's a number of intermediate steps in there, but that's the main idea. There is framework in the code to produce weekly or monthly files, but as your goal was daily files, that's the part that's tested and ready for use.

Thanks,
Ezra

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Radiation NetCDF Scripts.zip

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