

First Name, Last Name
Supported Projects: (ESGF, UV-CDAT, ACME, PCMDI, DREAM, other)

Quarterly Report for January 1, 2016 – March 31, 2016

Quarter Accomplishments:

- Diagnostics (ACME, UV-CDAT):
 - Implemented mass weighting of all averages. This job included reorganizing many dimensionality-reduction functions so that mass weighting and other features could be put in just one place.
 - Climatology script: bug fixes, testing, enhancements e.g. user control of multiprocessing settings
 - Color maps for contour plots: different maps for model, obs and model-obs. I reorganized things to support future user control of this and other graphics settings.
 - Climatology bounds: The CF Conventions specify a different way of describing time bounds for climatologies and “real” time. I added support of this to the climatology script, with fallback to regular time bounds (which are more commonly available) if climatology bounds are not available. This was a rather complicated project because cdms2 doesn’t support climatology bounds.
 - The usual minor bug fixes, timings, and general support
- CF Conventions
 - Reformatted for the new AsciiDoc system a CF-WKT document which Jonathan Gregory says we need to keep associated with the CF Conventions document.
 - Miscellaneous maintenance
- Support for Ben Santer and collaborator Ivana Cvijanovic:
 - Found data needed for MSU temperatures, and computed them
 - Fixed up defective data, misformatted files, etc.
- Data archive management
 - Fixed problems in the replication database
 - Generated lists of files for Tony to publish