FLASH DROUGHT PROJECT MEETING #7
19 AUGUST 2025 AUD / 18 AUGUST 2025 COL

Jess Bhardwaj
Mike Hobbins
Tess Parker
Apologies: David Hoffmann

- Jess and Mike have a shared spreadsheet, comparing values for a single grid point from MERRA2 data.
- Units for constants and variables agree, which is good.
- However, values for variables and computed outputs do not all agree, which is bad.
- There are particular problems with winds, elevation, surface pressure.
- It seems like the grid point lat and lon values are not exactly the same either – this may be a resolution issue, or data selection/interpolation issue?
- **Mike and Jess** will go back to first principles and check the source data, grid point coordinates, and reading in the data using CDO and Python. Mike could send his CDO code to Jess and she can do the comparison?
- We need to verify the input data before examining the outputs of the Fortan vs Python computations of reference ET (ETrs for both?) and sensitivity/anomaly contributions calculations.
- **Jess** will make a new folder on the GitHub repository for notes and comments back and forth on this, as we work asynchronously between AUS and COL.
- Once we have the data issue sorted, we can schedule the next meeting to review the results and plan next steps.