# Processing notes

On flux, dsm_server should always be running.

If you make a cal file change, do the following:

1. dsm_server_restart
2. statsproc.sh
3. shutdown cockpit
4. cockpit.sh

The statsproc.sh script starts 3 statsproc processes. One creates the normal 5 minute, boom normal data. Another creates the 5 minute tilt corrected winds, The third generates 30 second means of speeds, directions, temperatures and pressure for the IOP plots.

To rerun all the covars from the beginning of the project, do:

```
batch
covar_redo
ctrl-D
```

That script will run statsproc on the merged data up to 0Z of the current day. It then runs statsproc on today's real-time raw data. Therefore if the network has been congested, the netcdf statistics for today may have gaps.

FYI: the dsm_server process also provides a feed of surface met data over a socket to the GAUS system in the trailer.