

Oct 18 - Note on operation of 449 Wind Profiler

Yesterday (Oct 17) the disk on thatcher filled, so the radar products were not being written.

Some files were deleted and the radar was restarted at about 18:30 UTC on Oct 17

Today we realized that the radar was running in the wrong mode. It was set to the correct mode for the Metcrax experiment and restarted at about 21:00 on Oct 18

Consequences:

- No RASS data during this period
- The frequencies written in the NetCDF header file will be wrong: Should be 388.333333, 388.666667, 389.000000, and 389.333333 MHz
- STD processing of the data should be unaffected
- For RIM processing, the code will need to be hacked (hard wired to use the above frequencies) to work during this interval

At 2205 UTC set the radar to run in RIM mode with 2 MHz frequency spread

- 387.666667 MHz
- 388.333333 MHz
- 389.000000 MHz
- 389.666667 MHz

Resume normal 1-MHz RIM at 00:43 UTC

Noticed afterwards that the 389.000000 MHz frequency was actually 390.000000 MHz