



Nadir V2 Status



- Reprocessing of calibration data has begun
 - Test processing using first 18 months of data
 - Using new calibration coefficients, wavelength shift corrections, etc
 - Will look at / validate results
 - Particularly for the 300-310 nm transition region
- New “Day 1” solar flux will be generated after validation
 - Transition region, in particular, will be improved
 - Will use more data to further “smear out” diffuser effects
 - Will test improvements to method used to “stitch” together data from the 7 different diffuser positions
 - Try wavelength dependent normalization factors



Nadir V2 Status



- “Earth View” processing will take place after new “Day 1” solar flux in place
 - Still utilizing V8 retrieval algorithms for both NM and NP
 - Will perform soft calibration with test data (first 18 months of data)
 - Will test out methods for absolute calibration (minimum sea surface, ice radiance, reflectivity adjustment to OMI)
 - Relative calibration will use OMPS/MLS matchup
 - (Steve) Taylor’s analysis will be used to validate
- Full Earth View reprocessing will be performed after soft calibration
- Notes
 - No Raman scattering correction will be applied
 - Raman effects smaller for OMPS than OMI
 - Solar activity will be accounted for in NP
 - Using Mg II index
 - Changes to L1 format have been made
 - The “BinScheme” group has been “promoted”