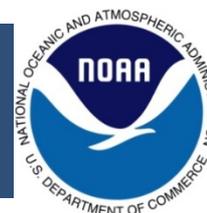




Block 2.0 Test Data for Cal/Val Algorithm Development Efforts



MDR Data Location on STAR Linux Cluster: /data/data020/pub/NPP_DATA/HDF/J1Data/MDRs

CrIS Full Spectrum RDRs – MDR 21

5 Orbit of the S-NPP full resolution data set acquired on 8/27/2013 and 8/28/2013, corresponding S/C Diary RDRs, TLE, and Polar Wander files.

CrIS J1 TVAC EDU RDRs – MDR 22

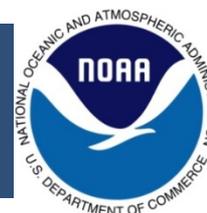
72 Hour J1 CrIS HDF5 RDR Dataset. Must include one orbit (100 minutes) of full resolution J1 TVAC from the scan scenario. Scan scenario is the operation acquisition mode (30 ES FOR, 2 DS, 2 ICT) planned to be acquired in December 2014. Remaining data can be the EDU J1 CrIS data unless other option is determined to be a better choice.

OMPS Early Block 2.0 J1 RDRs – MDR 23

Generate 3 Orbits of RDRs from the OMPS_43_Data (next slide) using a recent Block 2.0 Development Build (pre J1 OMPS ING updates aka “work-around RDR version by Devon”): Orbit 9, 13, and 38 and Supporting S/C Diary



Block 2.0 Test Data for Cal/Val Algorithm Development Efforts



MDR Data Location on STAR Linux Cluster: `/data/data020/pub/NPP_DATA/HDF/J1Data/MDRs`

OMPS 43 Data RDRs - MDR 24

Generate Block 2.0 J1 OMPS RDR set with the entire OMPS_43_Data using Block 2.0 SWIC 4 build with the latest J1 OMPS ING updates

- Required for follow-up Tests with J1 OMPS S/W Updates (HDF5 if DDS available/stable to request products)

OMPS Earthview RDRs - MDR 40

Main objective is testing NPP, J-1 (nominal and hi-res) data with the updated FSW 6.0 header.

Requested nominal (1x1, 36x5) OMPs with the header updates. Glen gave 2 specific orbits to match to the high res data time

Volume: 12 total datasets- (1x1, 5x5, 36x5) for NPP and J-1, compressed and un-compressed

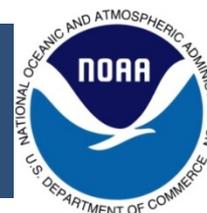
ATMS Early Block 2.0 J1 RDR MDR-25

Generate 3 Orbits of J1 ATMS RDRs from the 17 Day Version 2 Dataset using SWIC 4 IDPS.

Include S/C Diary RDRs; HDF5 Format



Block 2.0 Test Data for Cal/Val Algorithm Development Efforts



MDR Data Location on STAR Linux Cluster: `/data/data020/pub/NPP_DATA/HDF/J1Data/MDRs`

VIIRS: Block 2.0 J1 TVAC RDRs – MDR 27

Generate Block 2.0 J1 RDRs using J1 VIIRS FU2 72-hour day-in-life testing in TVAC acquired in August 2014. Include corresponding S/C Diary RDRs

VIIRS: S-NPP FU1 Block 2.0 J1 RDRs MDR 28 ([Jan 21, 2012 SNPP Data](#))

S-NPP VIIRS FU1 data acquired throughout the mission lifetime. January 2012 preferred because of the S-NPP VIIRS telescope degradation and the delayed activation of the SWIR/TIR bands; Include corresponding S/C Diary RDRs.

VIIRS: S-NPP Modified RDRs MDR 29 ([V3 17-Day December 2014 SNPP Data](#))

Generate Block 2.0 J1 RDRs using S-NPP VIIRS packets modified to J1 format specification; Include corresponding S/C Diary RDRs.

VIIRS: FBX MDR 40

Generate Block 2.0 J1 RDRs using FBX data with updated day/night modes