



Remote Sensing Applications Division (RSAD)

CDR Program Office

Weekly Report for February 25, 2011
John J Bates, Chief



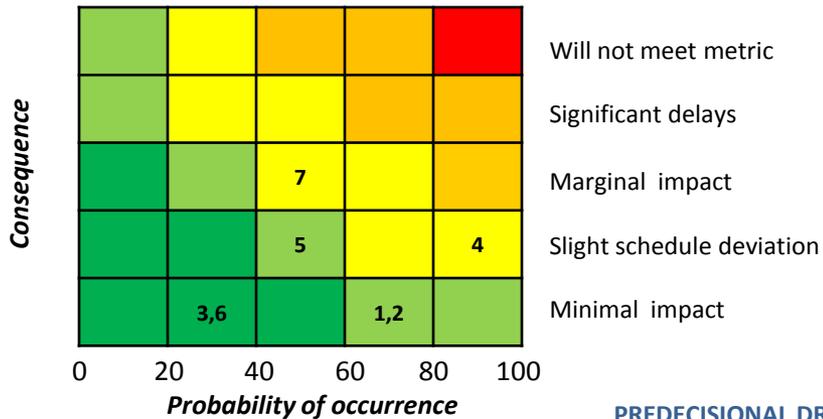
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FY11 Climate Data Records

Weekly Report – Feb 25, 2011

1. **Sea Ice**
 - Working with archive branch on SA
2. **Mean Layer Temperatures**
 - Received SA questionnaire
3. **Microwave (MW) Sounder FCDR**
 - NSTR
4. **Microwave (MW) Imager FCDR**
 - Documentation efforts will likely cause a slight schedule slip
5. **Aerosol Properties**
 - Convert full dataset to netCDF – need to decide how to serve
6. **Outgoing Longwave (LW) - Top of Atmosphere**
 - Completed processing of the last year in time series
7. **Sea Surface Temperature**
 - Awaiting funding decision on documentation

Risk Matrix



Risk and Mitigation

MW Imager FCDR –

- POC is responsible for file conversion and documentation
- PI delivered source code and HDF dataset only

Sea Surface Temp –

- Reordering various portions of data to try and fill in holes
- Source code documentation requires additional hire

PREDECISIONAL DRAFT INFORMATION



= On-track

= Potential management action required

= Management attention required



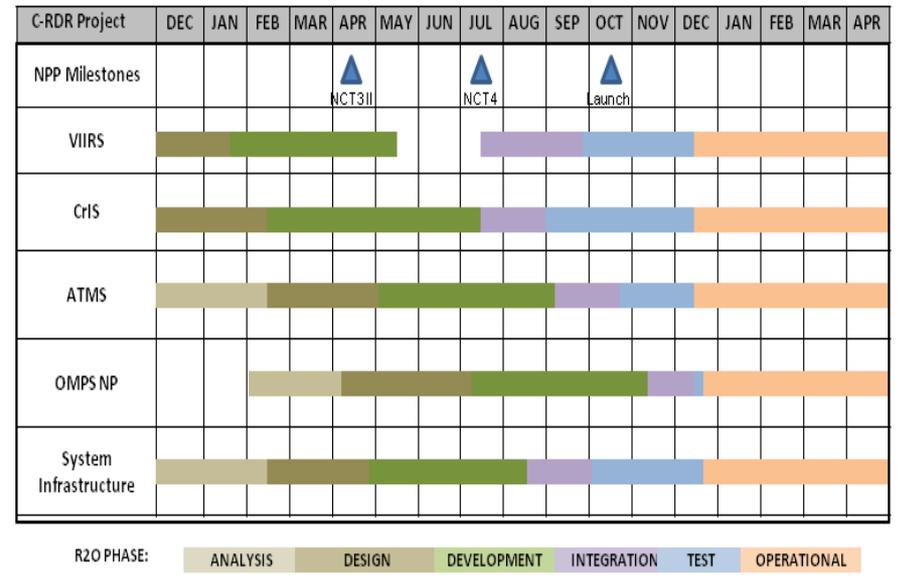
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NPP/JPSS Climate Raw Data Records (C-RDRs) Project

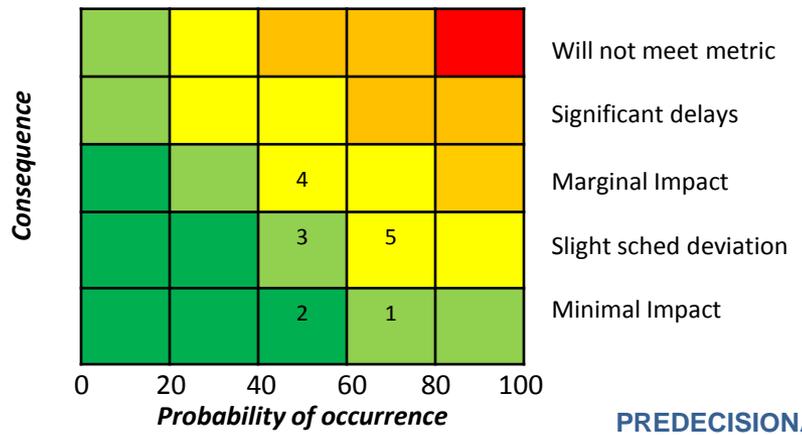
Weekly Report – Feb 25, 2011

1. **VIIRS**
 - Evaluating ADL for processing aggregated granules
2. **CrIS**
 - Defining the netCDF4 structure for the C-RDR
3. **ATMS**
 - IDPS ATMS algorithm executing in ADL at NCDC
4. **OMPS NP**
 - Postponed to focus resources on system infrastructure
5. **System Infrastructure**
 - Working with RSAD projects to define process to ingest and transfer data to CLASS

Initial draft of System Acceptance Test (SAT) complete and being reviewed internally.



Risk Matrix



Risk and Mitigation

- VIIRS, CrIS, ATMS, OMPS NP, System Infrastructure -**
- Short schedule to NPP launch on October 2011. Hiring additional software developers on hold. Need to re-adjust the schedule.
 - Operational software is under maintenance, updated versions may affect C-RDR ported version.
- System Infrastructure –**
- Availability of automated receipt of NPP RDRs from the CLASS system. Need to test ingest of RDRs from CLASS and develop an automated mechanism for re-requesting data.
 - Capability of CLASS to ingest and archive C-RDRs.

PREDECISIONAL DRAFT INFORMATION



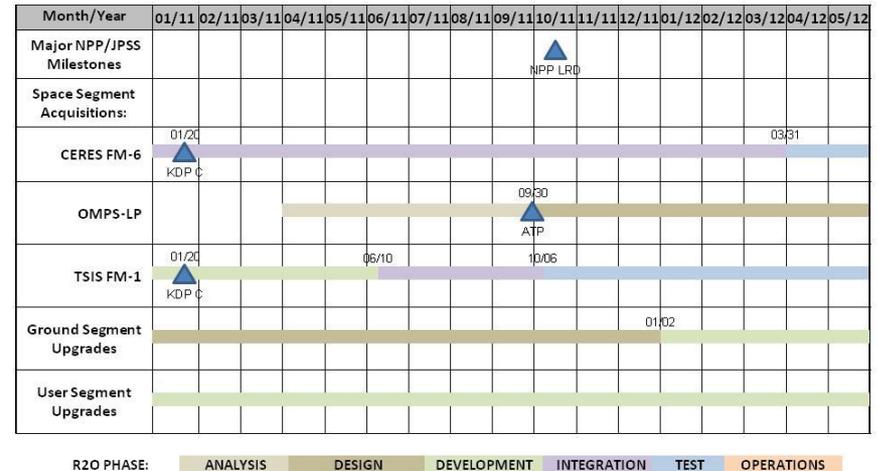
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JPSS Climate Sensors and Program Status

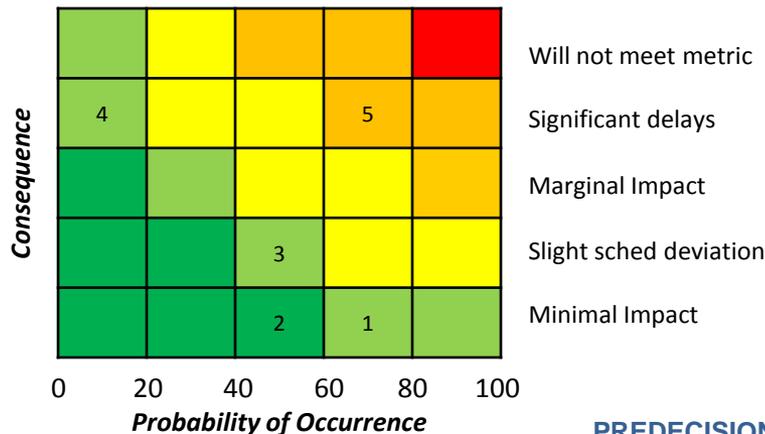
Current Status

- ① JPSS Climate Sensors are all on track:
 - CERES FM-6 will fly on JPSS-1
 - OMPS-LP will fly on JPSS-2
 - TSIS FM-1 will fly on a TBD Free-Flyer
- ④ JPSS Program is still in transition:
 - JPSS L1RD, Version 4.4, dated December 15, 2010 is latest draft; it still has not been signed
 - Launch Readiness Dates (LRDs) are 2015 for JPSS-1 and 2018 for JPSS-2
 - NOAA/NESDIS/OSD will provide funding to JPSS Program for Ground Segment Upgrades and post-delivery support
- ⑤ User Segment Upgrades are behind schedule

Current Schedules



Risk Matrix



Risks and Mitigation

- While TSIS FM-1 acquisition is on track, platform it will fly on is still TBD
- FY-11 funding for CERES FM-6, OMPS-LP, and TSIS FM-1 R2O transition activities, and User Segment upgrades may be in jeopardy due to Congressional actions
 - Could cause significant delays in the delivery of these capabilities and readiness for NPP and JPSS-1 launches
- R2O Transition and Instrument Support teams for CERES FM-6 and TSIS FM-1 are needed ASAP
 - Need to support JPSS Instrument Staff and NASA/LaRC CERES Science Team meetings

PREDECISIONAL DRAFT INFORMATION

