



Remote Sensing Applications Division (RSAD)

CDR Program Office

Weekly Report for February 4, 2011
John J Bates, Chief

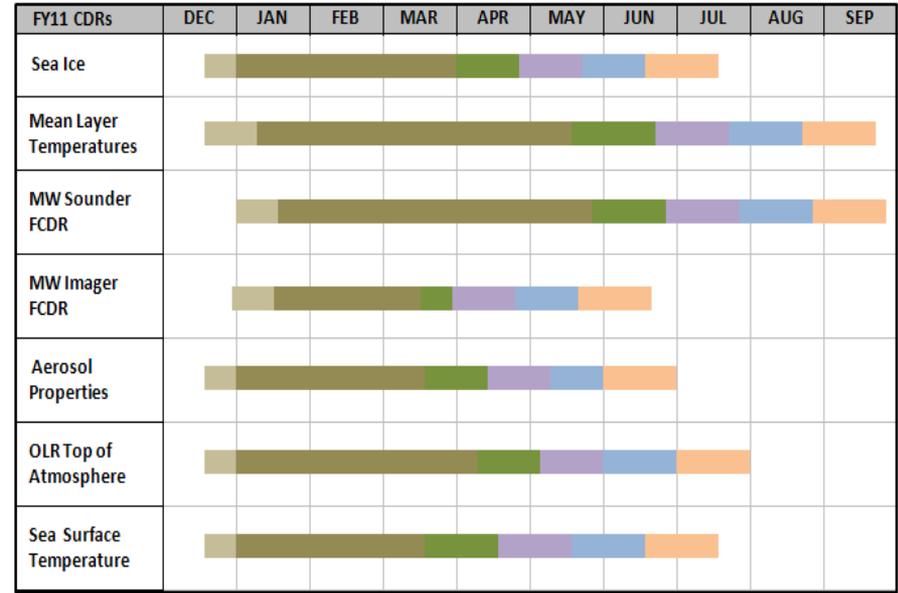


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FY11 Climate Data Records

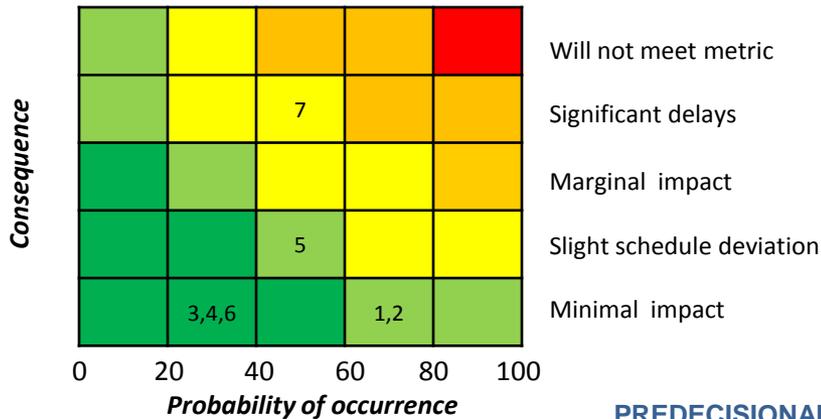
Weekly Report – Jan 28, 2011

1. **Sea Ice**
 - Sent flow chart samples to PI, waiting on schedule verification
2. **Mean Layer Temperatures**
 - NSR
3. **Microwave (MW) Sounder FCDR**
 - NSR
4. **Microwave (MW) Imager FCDR**
 - RSAD has decided to convert data to netCDF to move forward
5. **Aerosol Properties**
 - Decided to convert full dataset to netCDF, subset later if needed
6. **Outgoing Longwave (LW) - Top of Atmosphere**
 - NSR
7. **Sea Surface Temperature**
 - Need Management decision on funding documentation and reprocessing efforts



R2O PHASE: ASSESSMENT SUBMISSION PREP TRANSFER VALIDATION ARCHIVE ACCESS

Risk Matrix



Risk and Mitigation

Sea Surface Temp –

- Request telecon between Kearns, Privette, Casey (NODC) and Evans (U of Miami) to resolve documentation and NetCDF roles.
- Reprocessing is taking longer than anticipated
- Complete process from level 1b to HDF to NetCDF has yet to be completed/validated
- Source code documentation may require additional hire

PREDECISIONAL DRAFT INFORMATION

= On-track
 = Potential management action required
 = Management attention required



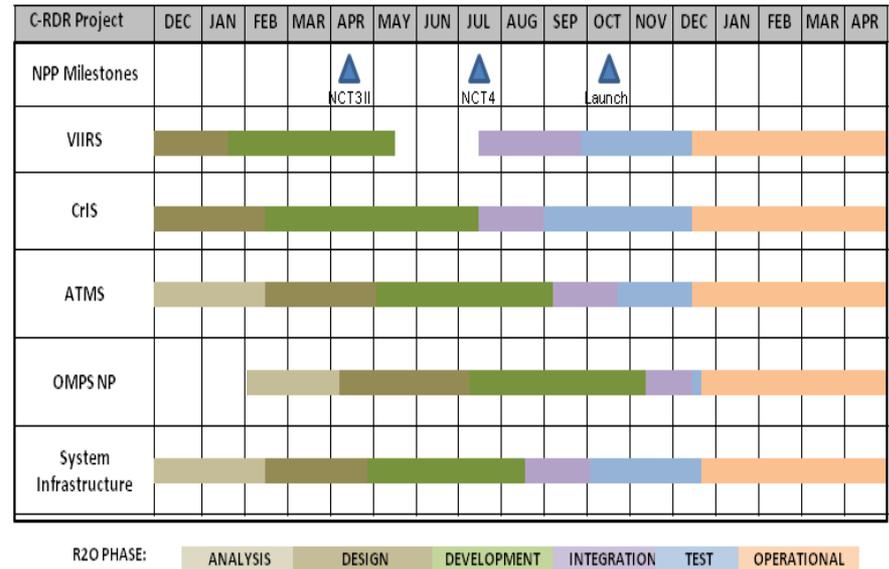
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NPP/JPSS Climate Raw Data Records (C-RDRs) Project

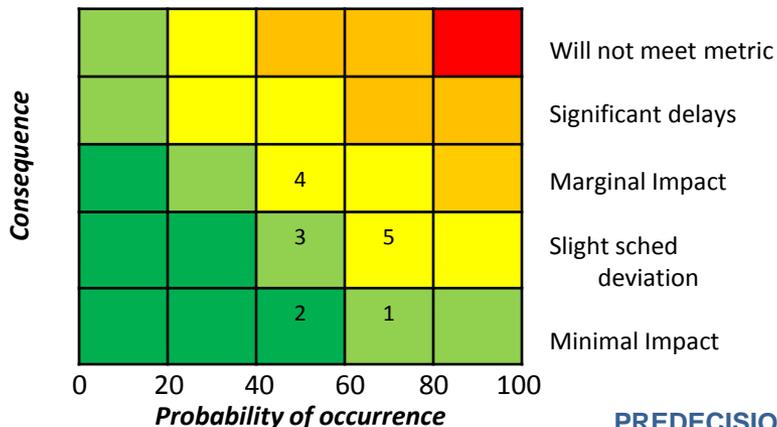
Weekly Report – Feb 04, 2011

1. **VIIRS**
 - Evaluating IDPS release changes in ADL baseline
2. **CrIS**
 - Migrating updated IDPS release changes into baseline
3. **ATMS**
 - Porting ATMS algorithm software to NCDC
4. **OMPS NP**
 - Delayed OMPS NP to focus resources on system infrastructure and other sensors
5. **System Infrastructure**
 - Working with RSAD projects to define process to transfer data to CLASS

Completed cost estimates for C-RDR's Archive Recommendation Package.



Risk Matrix



Risk and Mitigation

- VIIRS, CrIS, ATMS, OMPS NP, System Infrastructure -**
- Short schedule to NPP launch on October 2011. Hiring additional software engineer(s).
 - 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





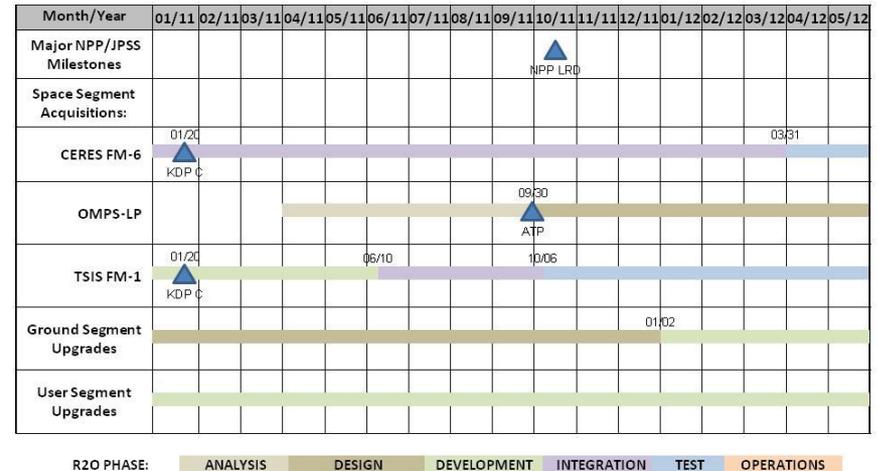
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JPSS Climate Sensors and Program Status

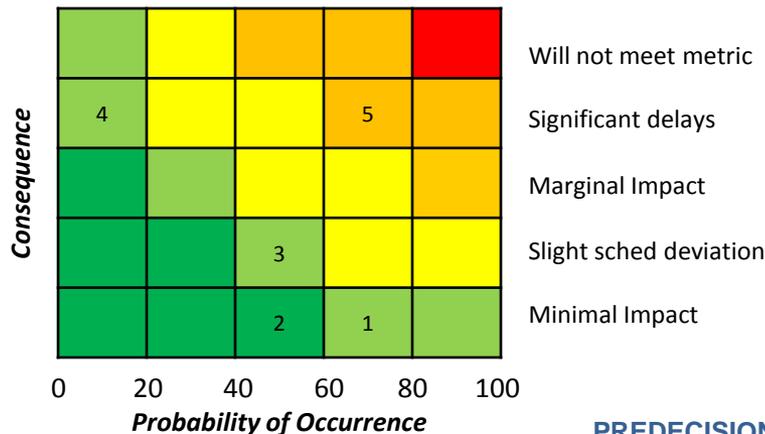
Current Status

- 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 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

