



Remote Sensing Applications Division (RSAD)

CDR Program Office

Weekly Report for February 18, 2011
John J Bates, Chief

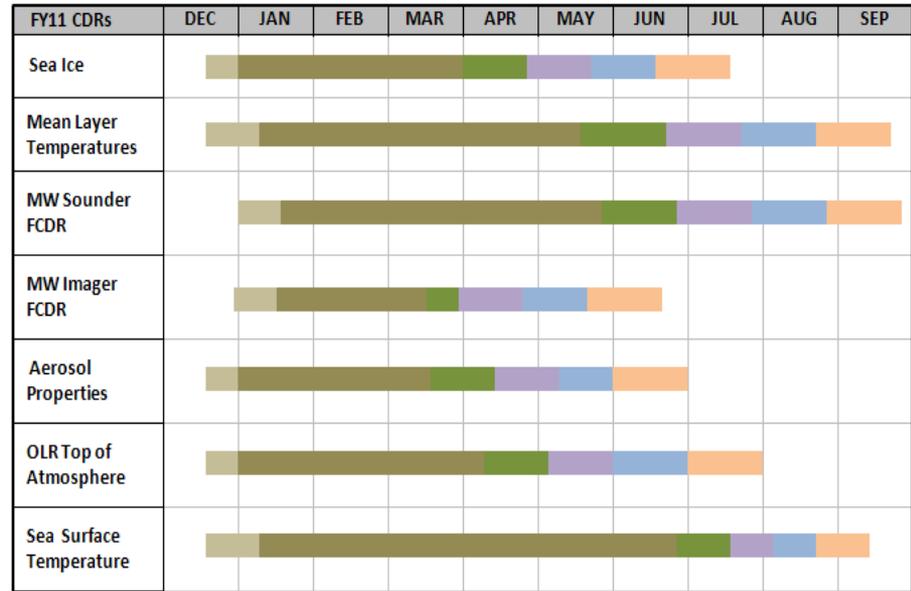


CDR Program Office

FY11 Climate Data Records

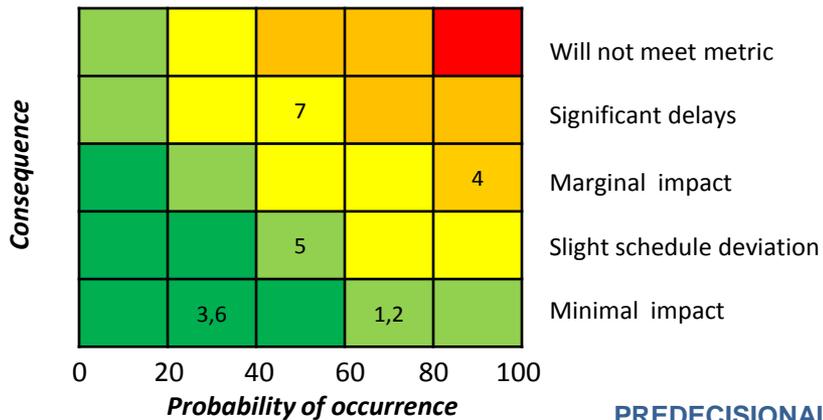
Weekly Report – Feb 18, 2011

1. **Sea Ice**
 - NSR
2. **Mean Layer Temperatures**
 - Received SA questionnaire
3. **Microwave (MW) Sounder FCDR**
 - NSR
4. **Microwave (MW) Imager FCDR**
 - Risk of not meeting all documentation standards
5. **Aerosol Properties**
 - Convert full dataset to netCDF – need to decide how to serve
6. **Outgoing Longwave (LW) - Top of Atmosphere**
 - NSR
7. **Sea Surface Temperature**
 - Awaiting cost estimate for funding decision on documentation



R2O PHASE: ASSESSMENT SUBMISSION PREP TRANSFER VALIDATION ARCHIVE ACCESS

Risk Matrix



Risk and Mitigation

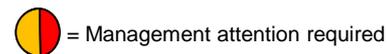
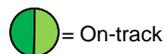
MW Imager FCDR –

- Risk of not being able to create an ATBD for the CDR
- PI is unsupportive to deliver more than (v6) code and dataset

Sea Surface Temp –

- Reprocessing is taking longer than anticipated
- Source code documentation requires additional hire
- Problem reading N7 an N9 input data, other sats have tested ok

PREDECISIONAL DRAFT INFORMATION





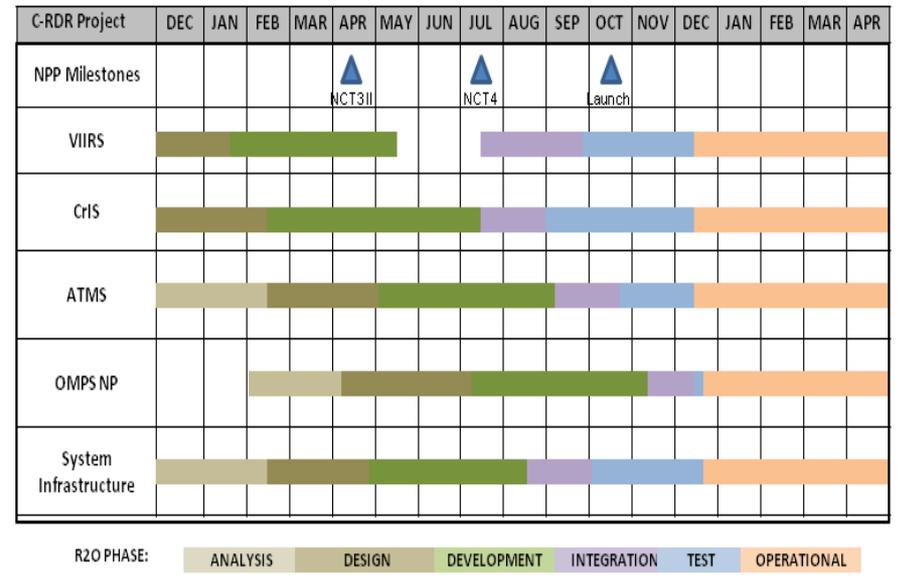
CDR Program Office

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

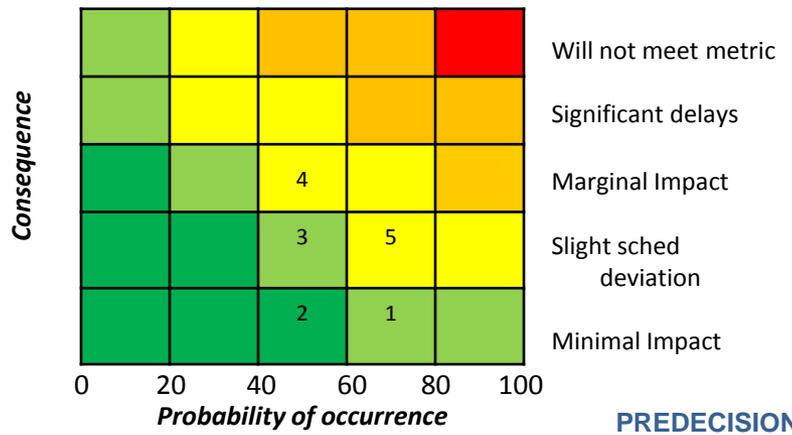
Weekly Report – Feb 18, 2011

1. **VIIRS**
 - Evaluating ADL for processing aggregated granules
2. **CrIS**
 - Migrating updated IDPS release changes into baseline
3. **ATMS**
 - Evaluating IDPS algorithms in ADL baseline
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



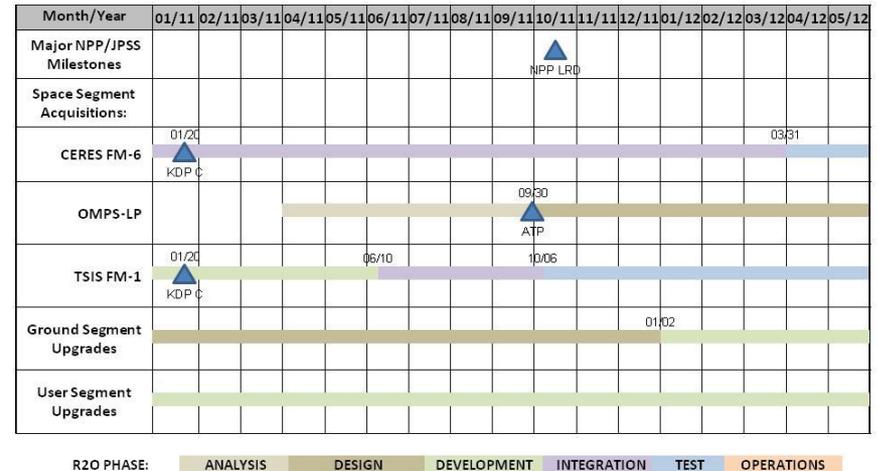
CDR Program Office

JPSS Climate Sensors and Program Status

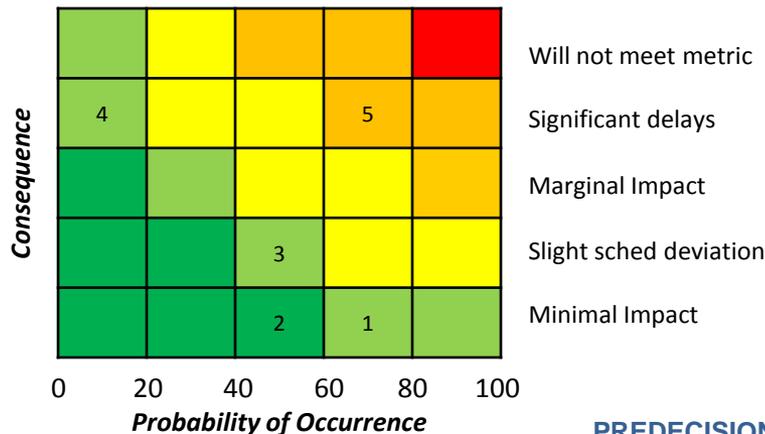
Current Status

- 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
- ②
- ③
- 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, 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

