



Remote Sensing Applications Division (RSAD)

CDR Program Office

Weekly Report for May 24, 2013
Ed Kearns, Acting Chief



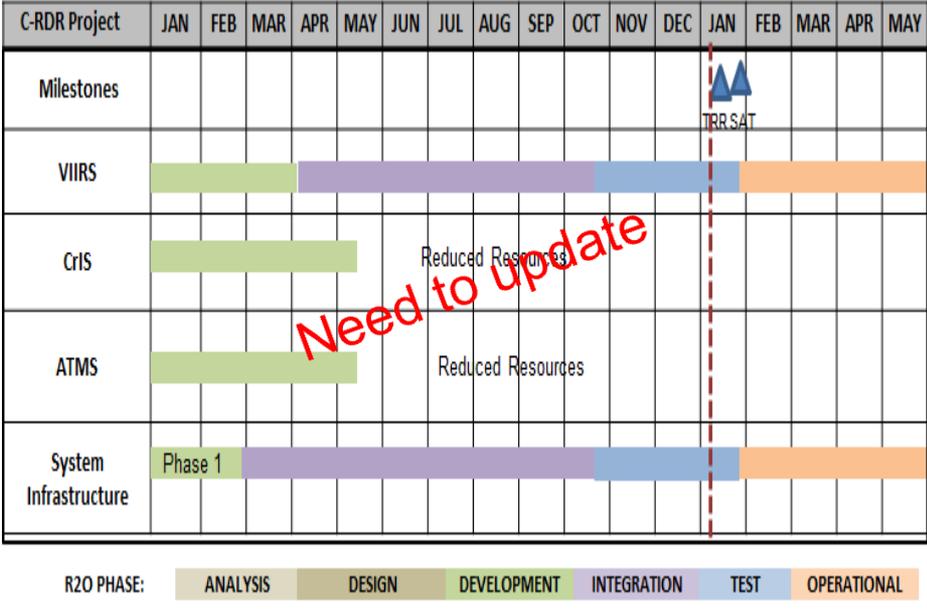
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NPP/JPSS Climate Raw Data Records (C-RDRs) Project

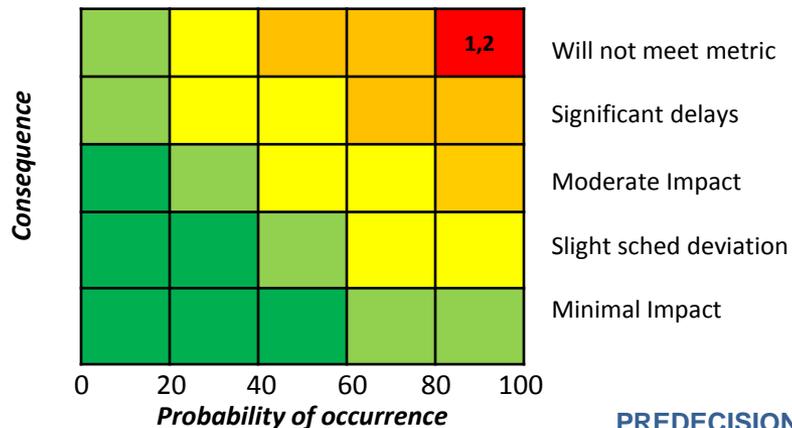
Weekly Report – May 17, 2013

VIIRS

- ① • Completed code for C-RDR and Support Data..
- ② **System Infrastructure**
 - Integrating with the VIIRS C-RDR.
 - Meeting with ITB and security to define roles for TEST and OPS.
 - ITB is completing the TEST container .
 - C-RDR is configured and running in DEV.
 - C-RDR is first product moving to three tier environment so steps are documented as they occur.
 - Initial verification of SDR from C-RDR compared successfully.
 - Draft System Acceptance Test procedure completed.
 - VIIRS Product Specification is ITAR approved.
 - C-RDR access via HAS (two years of tapes for HDSS).
 - Integrating: Ingest data from CLASS and producing C-RDRs.
 - Will deliver initial version with ADL 3.1.



Risk Matrix



Risk and Mitigation

VIIRS, CrIS, ATMS –

- Resources are being reduced. Delivery of CrIS and ATMS will be delayed.
- Operational software is under maintenance, updated versions may affect C-RDR ported version.

System Infrastructure –

Reliability of NPP RDRs from CLASS. Need to test ingest of RDRs from CLASS and develop an automated mechanism for re-requesting data.

Reliability of Blade Center administration support. ITB admin position remains unfilled. ITB is working to fill the position.

PREDECISIONAL DRAFT INFORMATION



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OISST Research to Operations Project

Weekly Report – May 17, 2013

1 OISST – Optimum Interpolated Sea Surface Temperature

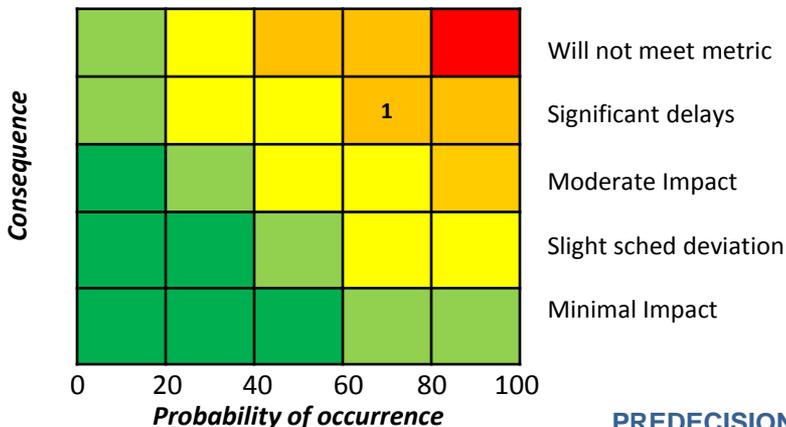
- Comparing NCDC GTS with NCEP ship/buoy data for use by OISST. GCAD is working to resolve some identified differences.
- Started comparing NSIDC Sea Ice with NCEP data.
- After comparisons will assess how to handle OISST inputs.
- Running test data and code on Rainband for parallel test.
- Completed code reviews (QC, output, control scripts).
- GSTWG discussing inputs and production of preliminary OISST.
- Created a SOP for operational OISST.
- Evaluating validity/duplicates in compile options & static analysis.
- Defined list of tasks for refactoring of each component.
- Developing tests (functional & component) to verify code.
- Completed testing of static analysis and complexity tools.
- Conducted Technology Assessment Review July 25.

Operations:

- Updated and tested scripts to handle new sea ice data format.



Risk Matrix



PREDECISIONAL DRAFT INFORMATION



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

Risk and Mitigation

- Resource availability for performing the transition. Need scientific evaluation of reliable/archived inputs (ICOADS).
- Configuration Management (CM) process not defined for operations. CM process is being defined.
- No Quality Assurance team available.
- Modifying existing software for internal software changes. Product output must remain unchanged for users. Run in parallel with current version.
- OISST processing will be on a 64 bit architecture.