



Remote Sensing Applications Division (RSAD)

CDR Program Office

Weekly Report for June 6, 2014
Ed Kearns, Acting Chief



CDR Program Office

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

Weekly Report – June 6, 2014

VIIRS

- 1 • Completed code for C-RDR.

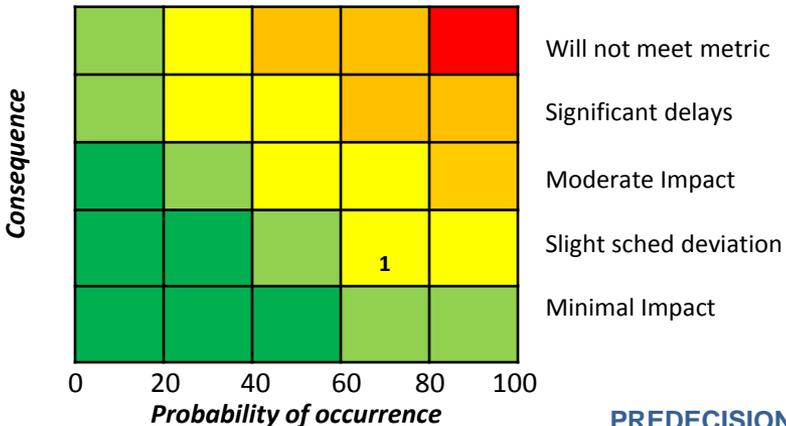
System Infrastructure

- 2 • Integrating with the VIIRS C-RDR.
- **Determining best mechanism to release C-RDR software.**
- **Responding to C-RDR interest at the STAR JPSS science meeting.**
- C-RDR web page is up and running.
- Working to generate a current supporting data file.
- VIIRS C-RDRs are operational and accessible via HAS.
- Collection level metadata available on Climate.gov and DOI.org.
- Evaluating JPSS support data Change Requests and their effects.
- C-RDR is first product moving to three tier environment .
- Initial verification of SDR from C-RDR compared successfully.
- VIIRS Product Specification is ITAR approved.
- Will deliver initial version with ADL 3.1.

C-RDR Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	
Milestones							▲		▲▲									
Finalize Code						■												
TEST						■	■	■	■									
Dry Runs						■	■	■	■									
SAT									■									
OPERATIONS										■								
Prepare OPS										■								
Operations										■	■	■	■	■	■	■	■	■
Analyze Monitor																■	■	■
CR: Support Data																		■

RZO PHASE: ANALYSIS DESIGN DEVELOPMENT INTEGRATION TEST OPERATIONAL

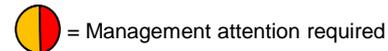
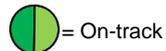
Risk Matrix



Risk and Mitigation

Forward processing of C-RDRs is ongoing operationally. Need to reprocess past C-RDRs and create Support Data files. Will assess this need as users request.

PREDECISIONAL DRAFT INFORMATION





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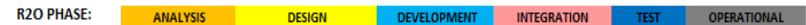
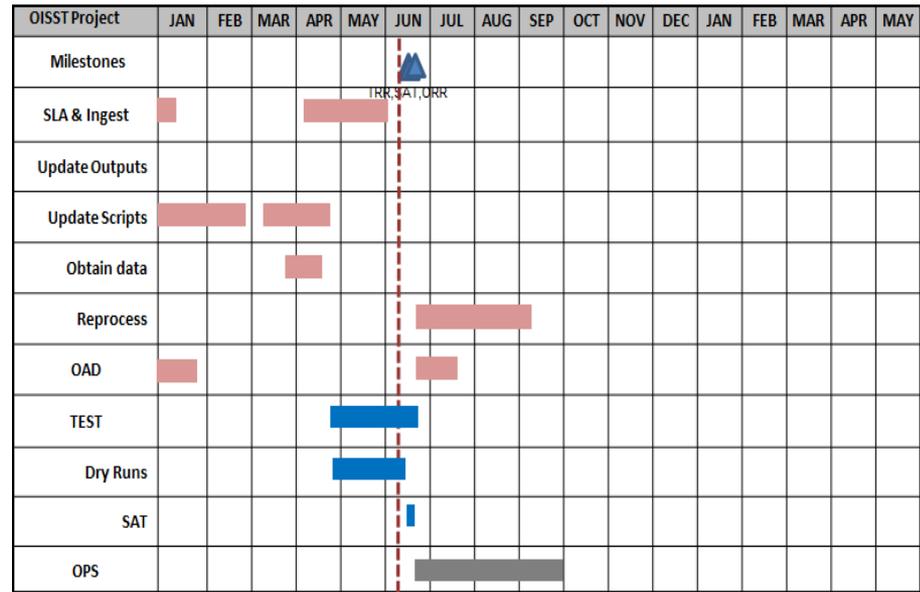
OISST Research to Operations Project

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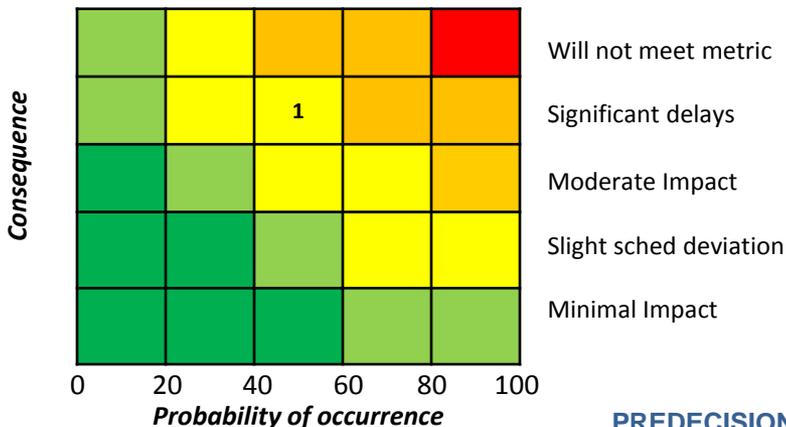
1 OISST – Optimum Interpolated Sea Surface Temperature

- Gathering test data for the SAT and dry runs.
- Completed GHRSSST 2.0 output code updates.
- Working with ITB to establish 3 tier architecture.
- Need to re-baseline schedule (testing has slipped).
- Successfully completed 30 day parallel test.
- Comparing NCDC GTS with NCEP ship/buoy data for use. GCAD is resolving issues but requires new operational code.
- AVHRR data for the 15 day delay product is available from CLASS.
- Running test data and code on Rainband for parallel test.
- GSTWG discussing inputs and production of preliminary OISST.
- Created a SOP for operational OISST.
- Completed refactoring of each component.
- Conducted Technology Assessment Review July 25.

Operations:



Risk Matrix

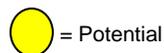


Risk and Mitigation

1 Time to progress through the three tier environment. ITB support is required.

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7/14/2014



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



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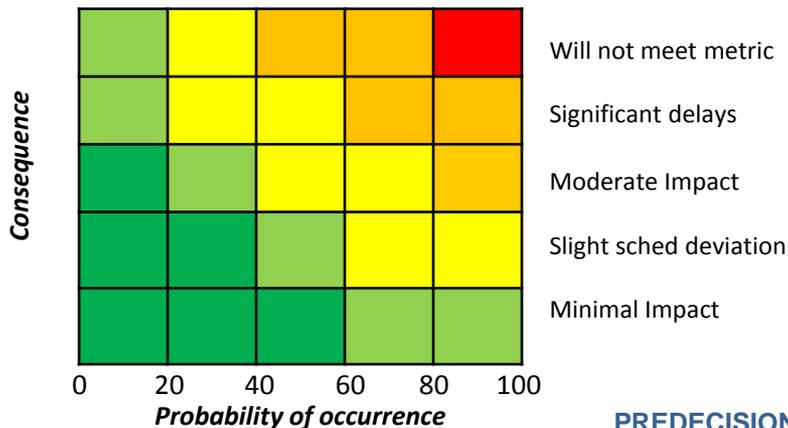
Operations Monitoring Tool

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1 Operations Monitoring Tool development

- Need to resolve resource questions to scope project.
- Monitoring of ingest and archive data streams.
- Monitoring of operational processing.
- Created a Project Plan.

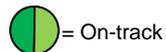
Risk Matrix



Risk and Mitigation

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7/14/2014



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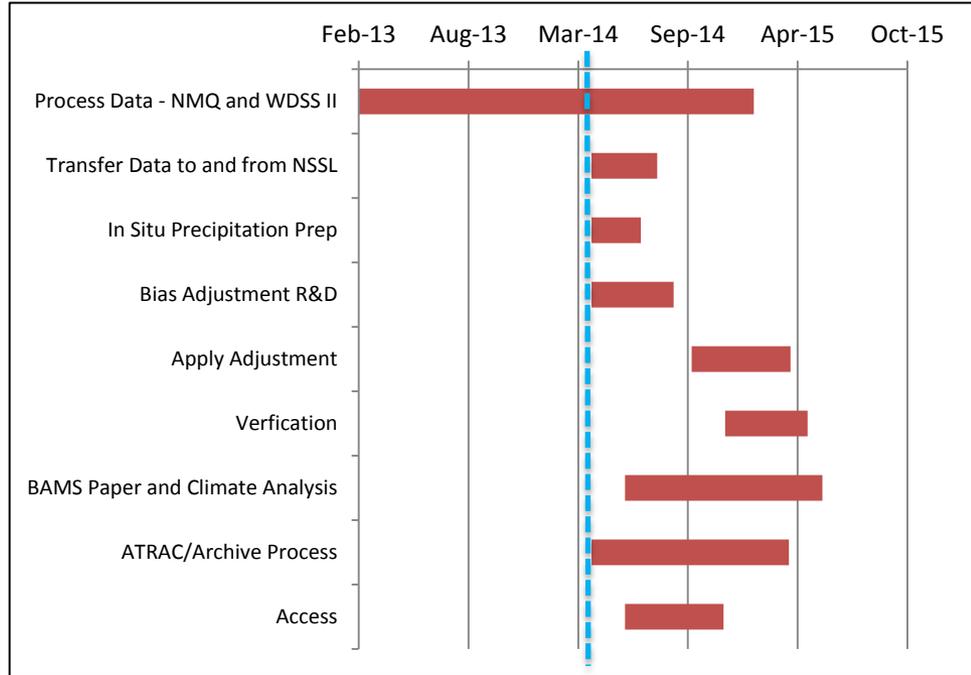
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NOAA NEXRAD Reanalysis

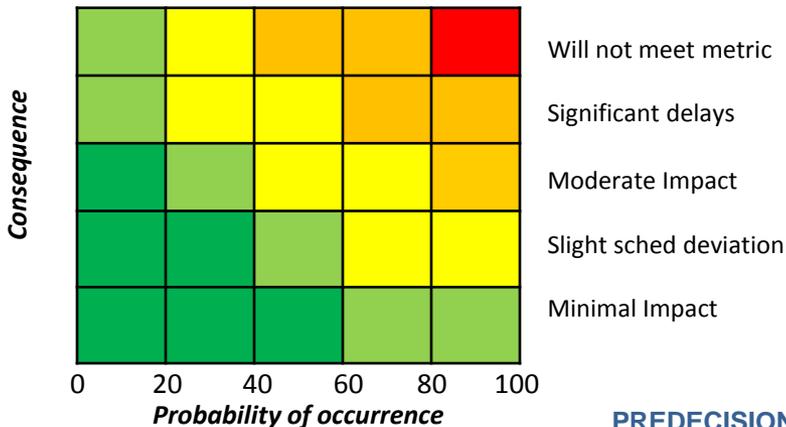
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NNR – NOAA NEXRAD Reanalysis

- **2001 is processing**
- **Obtained 2002 data from NSSL**
- Obtain 2010 2008 2004 QPE data from NSSL
- Present Project Overview to Stewardship Council
- Process 2007 (Severe Weather and Hydro)
- Obtain 2001 data from NCDC archive
- Develop Bias Adjustment Plan
- Transfer GHCN-Daily, and HADS data to NSSL
- Present at Weather Radar Symposium
- Process 2006 2007 2009 2011 data



Risk Matrix



Risk and Mitigation

No Risk at this time