



Remote Sensing Applications Division (RSAD)

CDR Program Office

Weekly Report for July 18, 2014
Ed Kearns, Acting Chief



CDR Program Office

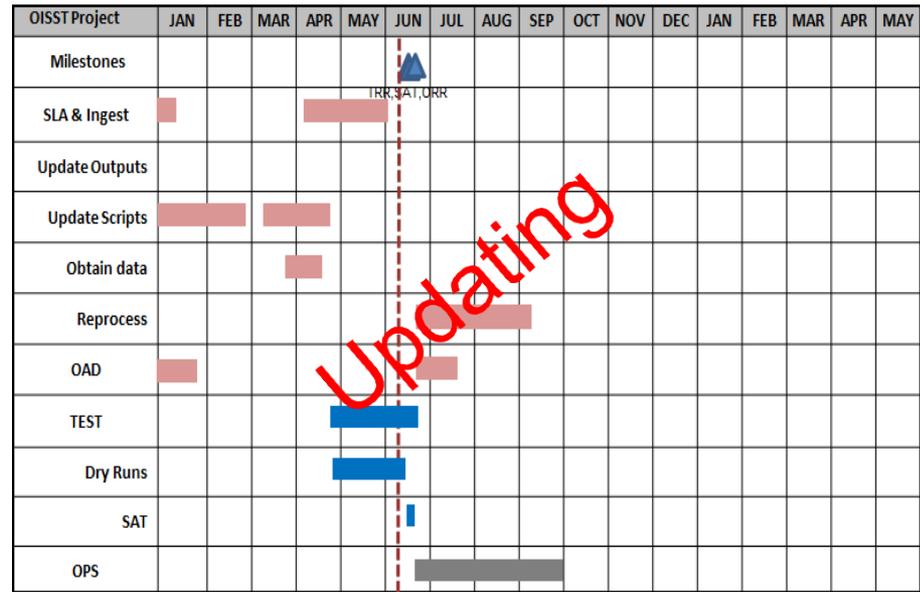
OISST Research to Operations Project

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1 OISST – Optimum Interpolated Sea Surface Temperature

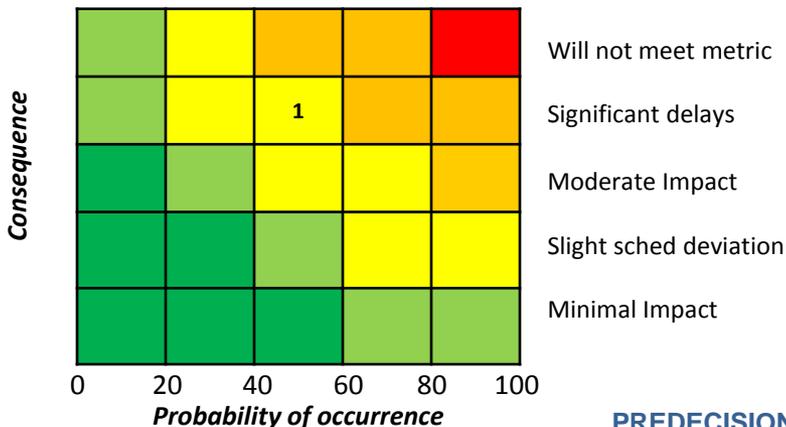
- Performing dry runs for the System Acceptance Test (SAT).
- Dry runs errors are being corrected in SAT document and software.
- ITB is creating a new dev machine we can clone for test. (3 tier)
- Successfully completed 30 day parallel test.
- Comparing NCDC GTS with NCEP ship/buoy data for use. GCAD 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:



R2O PHASE: ANALYSIS DESIGN DEVELOPMENT INTEGRATION TEST OPERATIONAL

Risk Matrix

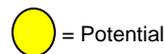


Risk and Mitigation

- 1 Time to progress through the three tier environment. ITB support is required.
- 2 Some operational users expect Near real-time access to the preliminary OISST. Need to

PREDECISIONAL DRAFT INFORMATION

8/7/2014



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



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Pipeline Monitoring Tool

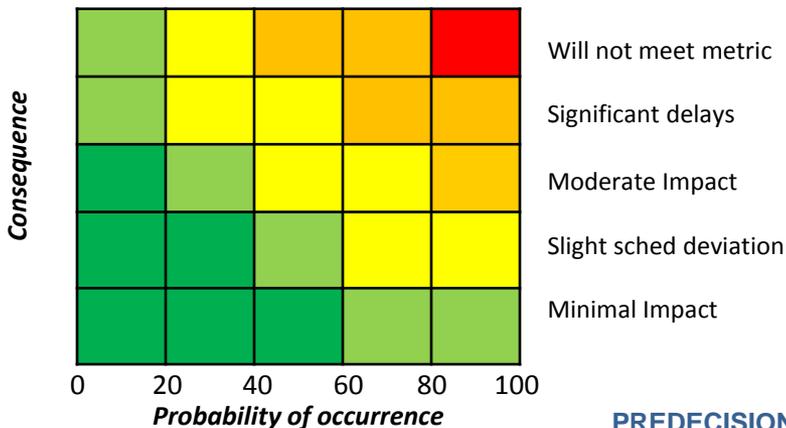
Weekly Report – July 18, 2014

1 Operations Monitoring Tool development

- Defined requirements for Phase 1 of the project.
- Phase 1 implements basic functionality .
- Additional datasets can be added in later phases.
- Updated the monitoring project plan.
- Monitoring of operational ingest.

Monitor Project	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	NOV	
Phase 1																	
Status View																	
Dashboard																	
Email Notification																	
Phase II																	

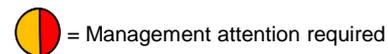
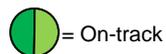
Risk Matrix



Risk and Mitigation

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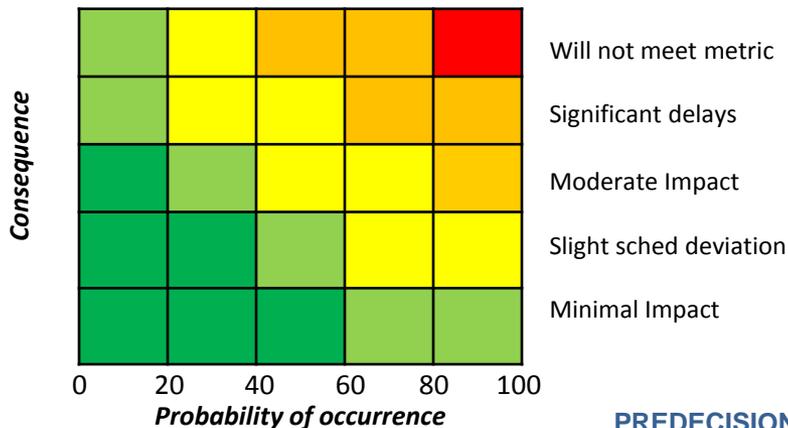
Reprocessing VIIRS SDRs

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1 Operations Monitoring Tool development

- Working on q white paper to identify issues and help establish scope.
- White paper should be complete this week.
- Have identified parts of the algorithm that need to 'conditioned' during runtime and will affect reprocessing estimates.
- Discussed scope and goals of the project with CDRP scientist.

Risk Matrix



Risk and Mitigation

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