



Remote Sensing Applications Division (RSAD)

CDR Program Office

Weekly Report for Jan 17, 2014
Ed Kearns, Acting Chief



CDR Program Office

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

Weekly Report – January 17, 2014

VIIRS

①

- Completed code for C-RDR.

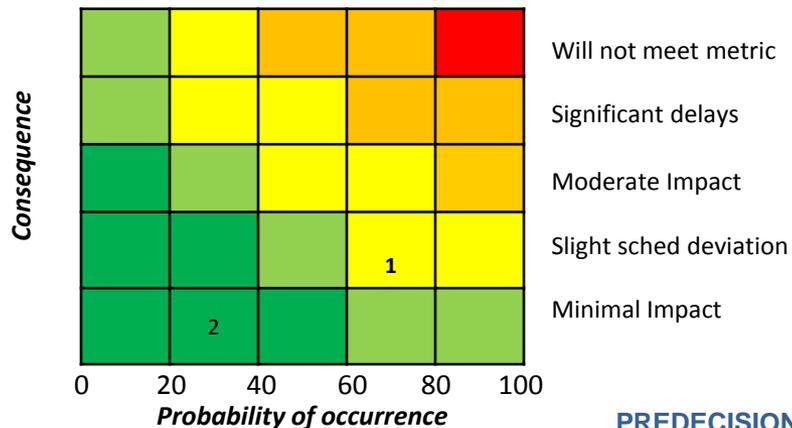
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System Infrastructure

- Integrating with the VIIRS C-RDR.
- Resolving identified RDR file issues.**
- Reprocessing RDRs that could not unpacked.**
- Enhancing infrastructure to better identify RDR issues.**
- 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.
- Completed build of C-RDR on the TEST container.
- 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.
- 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.

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																	
Write SOP																	
Write OAD																	
CR: Support Data																	

Risk Matrix



Risk and Mitigation

- VIIRS –**
- Operational software is under maintenance, updated versions may affect C-RDR ported version. Will affect Supporting Data Files but should not affect C-RDR.
- System Infrastructure –**
- Reliability of NPP RDRs from CLASS via subscription. Need to develop an automated mechanism for re-requesting data.

PREDECISIONAL DRAFT INFORMATION



CDR Program Office

OISST Research to Operations Project

Weekly Report – January 17, 2014

1 OISST – Optimum Interpolated Sea Surface Temperature

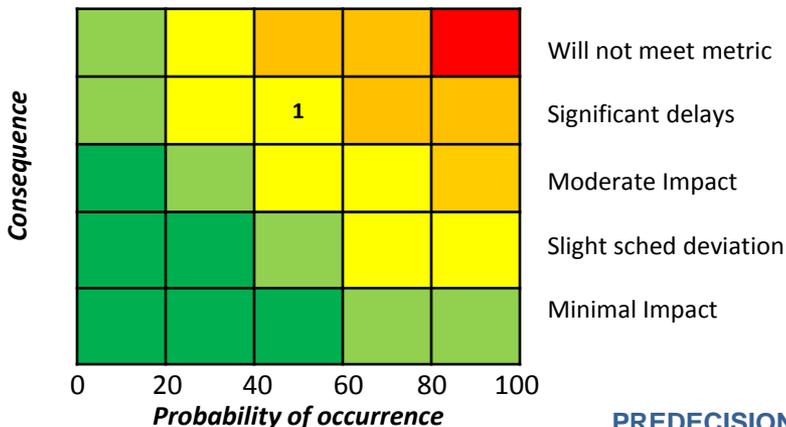
- Testing scripts and read routines for reprocessing.
- Working on draft System Acceptance Test and preparing test data.
- Scheduling with ITB for 3 tier environment.
- Updated schedule but end date did not change.
- Successfully completed 30 day parallel test.
- Comparing NCDC GTS with NCEP ship/buoy 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:

OISST Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	
Milestones																		
Parallel Test																		
Identify Inputs Compare & Code																		
SA & Ingest																		
Update Outputs																		
Update Scripts																		
Obtain data																		
Reprocess																		
OAD																		
TEST																		
Dry Runs																		
SAT																		
OPS																		

R2O PHASE: ANALYSIS DESIGN DEVELOPMENT INTEGRATION TEST OPERATIONAL

Risk Matrix

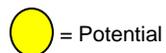
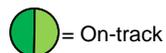


Risk and Mitigation

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

PREDECISIONAL DRAFT INFORMATION

1/22/2014



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