



JPSS Proving Ground and Risk Reduction Update 6 May 2013



Important Topics

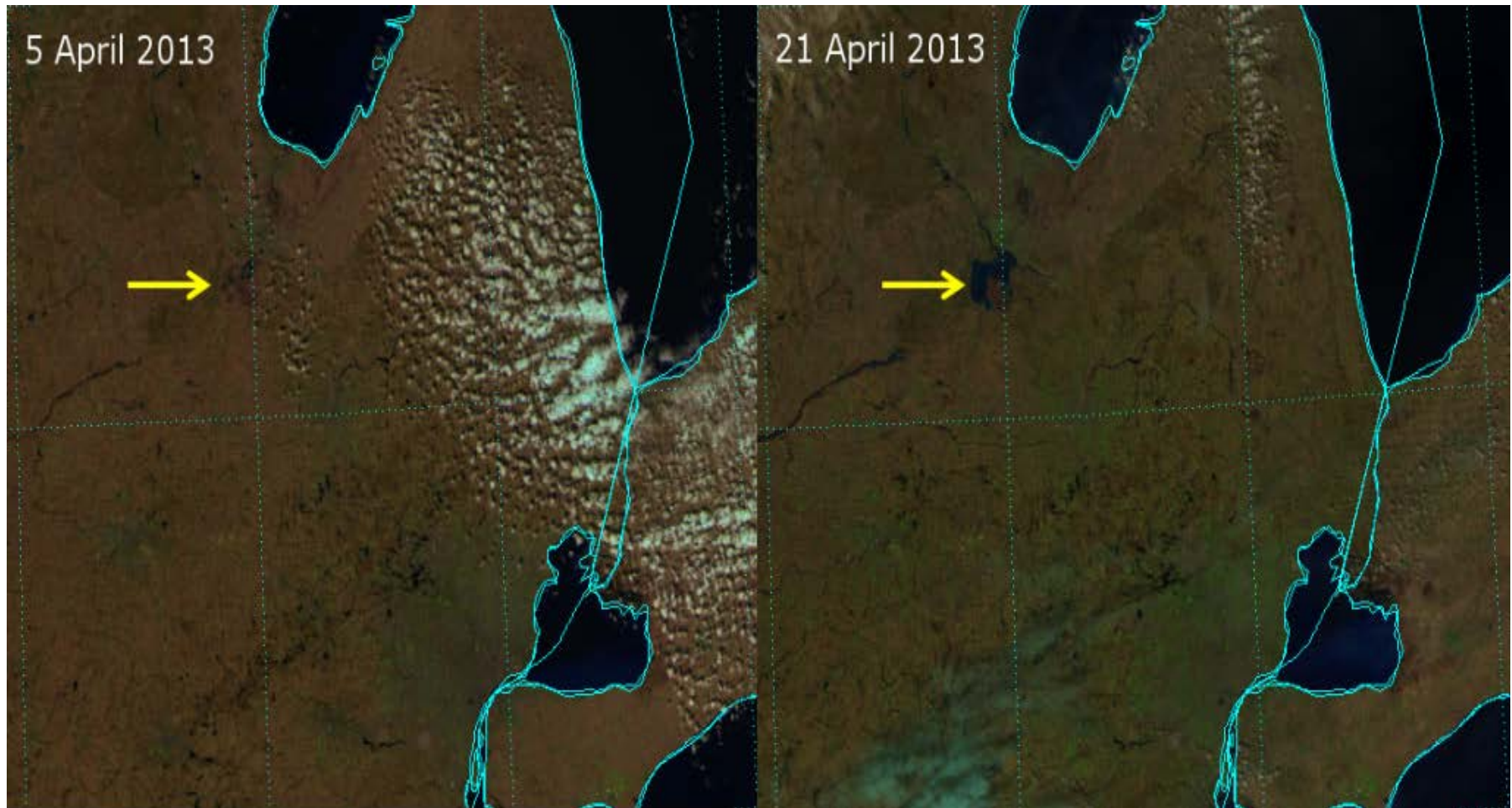
- Program/Satellite Initiatives
- SNPP Images of Interest
- JPSS Science Seminars
- JPSS PGRR Executive Board Meeting – 15 May
- Outreach
- Participation in Future Conferences and Meetings



Program/Satellite Initiatives

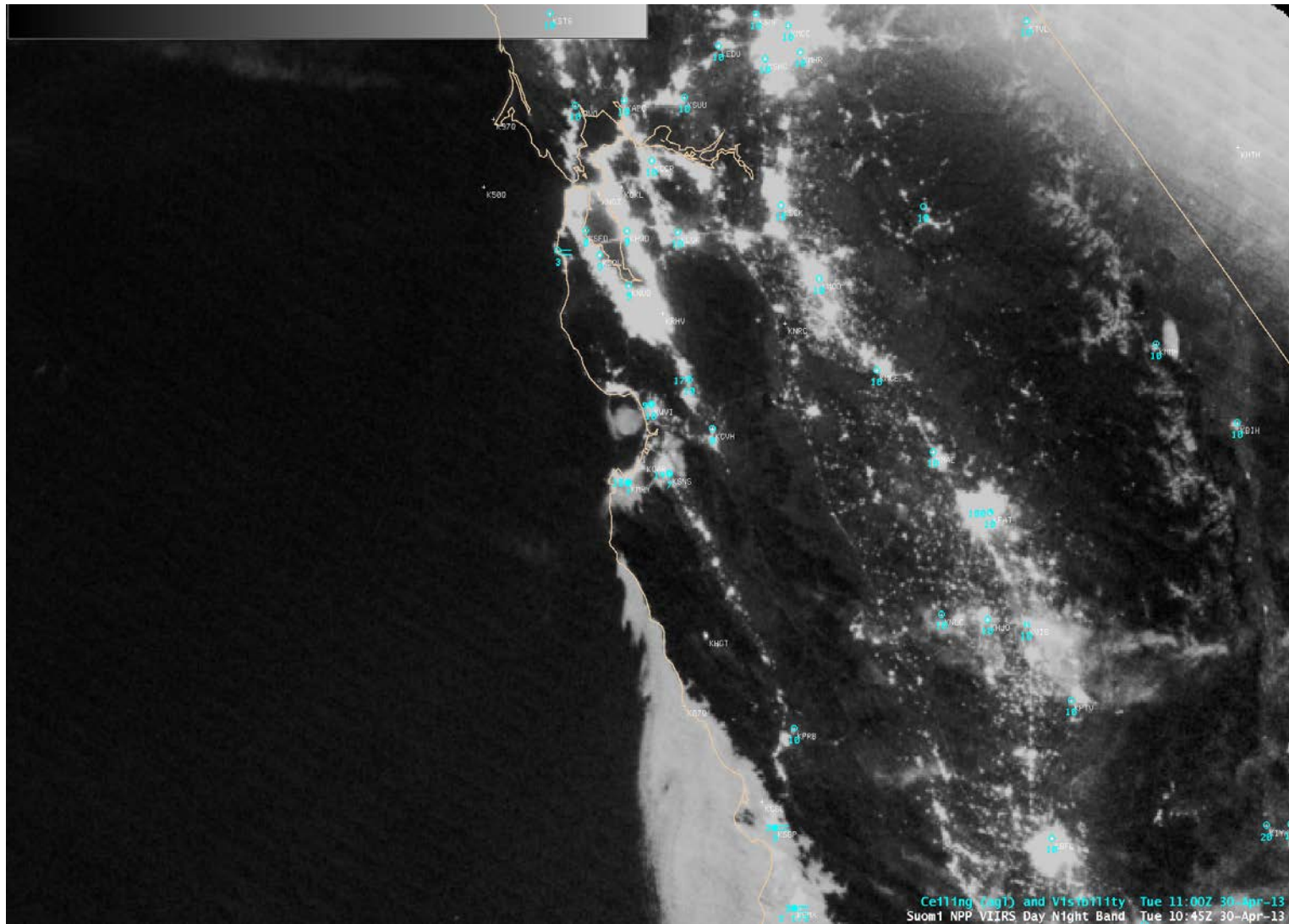
- Satellite Science Week (18-22 Mar) and NOAA Satellite Conference (NSC) 8-12 Apr
 - Successful Conferences
 - JPSS PGRR Projects well presented in various sessions
 - Posters were valuable even if not briefed
 - At NSC - SNPP capabilities included in a lot of briefings outside of JPSS PGRR Project presentations
- Additional PGRR Briefings
 - NOAA Testbed Workshop (2-4 Apr)
 - GPM Workshop (2-4 Apr)
- Extending the use of Direct Broadcast – CCNY and DMSP Mark IVB
- Determining PGRR Work tied to Sandy Supplemental once decisions are made
- Evaluate GOES-R working closely with Alaska in satellite training – Folmer briefing, other telecon sessions in the next few weeks

Michigan Flooding – Apr 2013



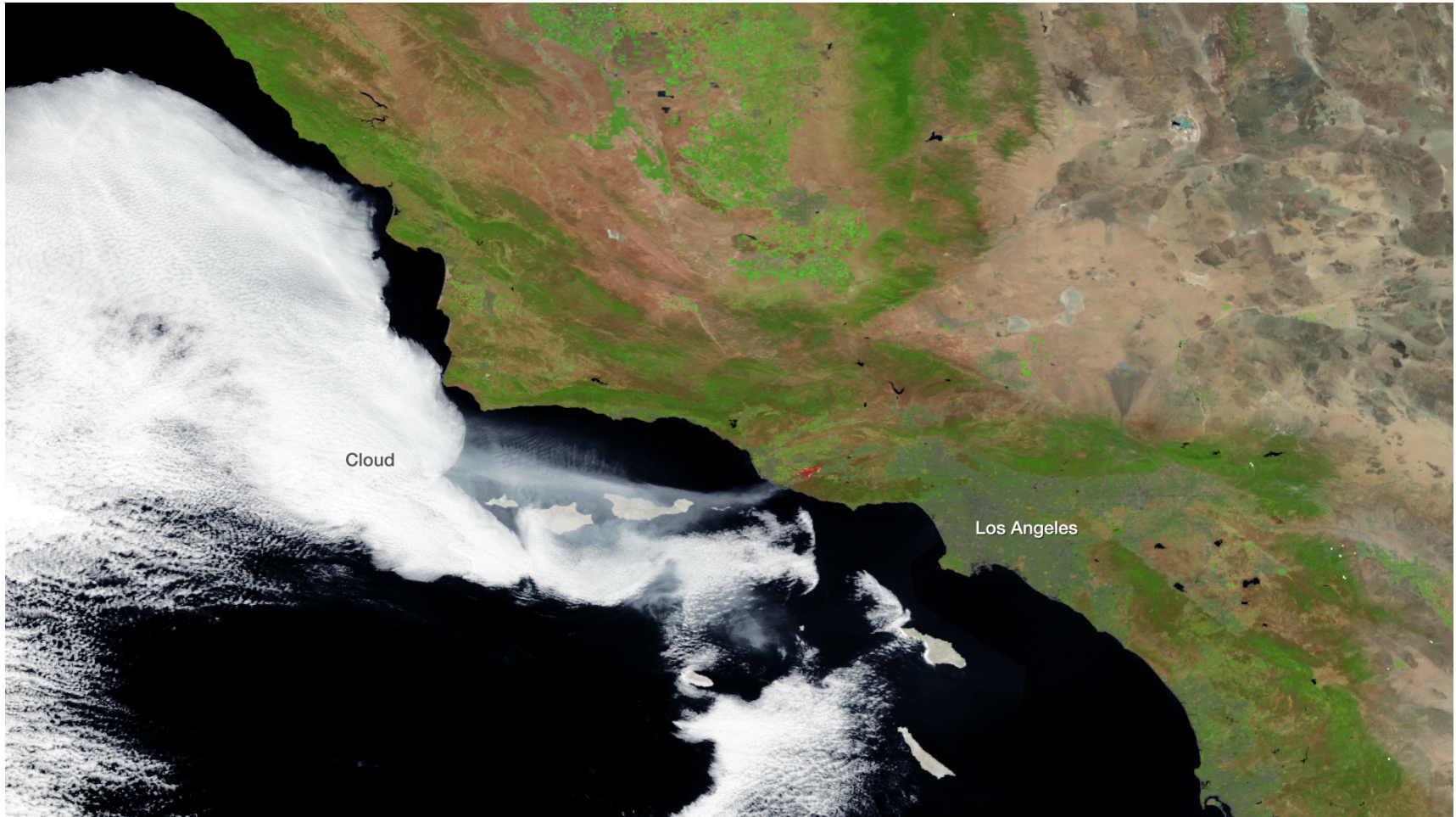
False-color composites of VIIRS channels I-01, I-02 and I-03 from 5 April 2013 and 21 April 2013.
The yellow areas indicate where extensive flooding was observed along the Shiawassee River on 21 April 2013 (CIRA)

Fog and Low Stratus – Monterey Bay



Suomi NPP VIIRS 0.7 μm Day/Night Band image – 30 Apr 2013 (CIMSS)

Springs Fire (CA)



VIIRS RGB – 3 May 2013 (NOAA VIS Lab)



JPSS Science Seminars

Date	Presenters	Topic
November 19, 2012	Ivan Csiszar (STAR)	Suomi NPP (SNPP) Visible Infrared Imager Radiometer Suite (VIIRS) Active Fire Data for Fire Management and Fire Weather Applications
December 17, 2012	Liam Gumley and Kathy Strabala (CIMSS)	Status of the Community Satellite Processing Package (CSPP)
January 29, 2013	Carven Scott (NWS) and Eric Stevens (GINA)	Use of SNPP Data to Support Alaska Missions
February 19, 2013	Gary Jedlovec (SPoRT)	Support to NWS WFOs and Alaska
March 27, 2013	Fuzhong Weng (STAR)	SNPP Data Assimilation into TC Models
April 30, 2013	Mike Folmer (NCEP)	SNPP Data use in NCEP HPC, OPC, and NHC
May 29, 2013	Jim Yoe (NCEP) and Sid Boukabara (JCSDA)	ATMS/CrIS Data Assimilation into Models
June 17, 2013	Kent Hughes (STAR)	Operational Use of Ocean Color in NOAA
July 15, 2013	Elisabeth Weisz and Bill Smith (CIMSS)	Operational Use of SNPP Soundings in Alaska
August 19, 2013	TBD	
September 16, 2013	TBD	
October 21, 2013	TBD	



PGRR Executive Board Meeting

- Scheduled for 15 May (12:30-2:30) – Greentech IV (S600) or Telecon: 866-802-3950 pc: 7288352
- Attendance – Primarily NOAA LO representatives but others are welcome
- Draft Agenda
 - Summary of PGRR Quarterly Reports
 - Two projects to give more detailed presentations:
 - Dr Naira Chouch (CREST) - “River and Lake Ice mapping using NPP/JPSS VIIRS sensor To support NOAA NWS.”
 - Dr Xiwu (Jerry) Zahn – “Enhancing Agricultural Drought Monitoring Using NPP/JPSS Land EDRs for NIDIS”
 - FY13 Funding Action
 - JPSS PGRR Science Seminar Discussion



JPSS Outreach

- New release of <http://www.jpss.noaa.gov/>
- Science Seminars posted on JPSS Website
- Quarterly brief to NJO Management (10 May)
- Conference attendance
 - Responding to direction on conference travel
 - NWA and AMS have solid NWS support. High priority for attendance by PGRR Projects



Participation in Future Conferences and Meetings

- CSPP/IMAPP Users Meeting – Madison WI (21-23 May)
- Satellite Proving Ground OCONUS Meeting – Alaska (18-21 June)
- Coordination Group for Meteorological Satellites Conference – Japan (8-12 July)
- 2013 EUMETSAT Meteorological Satellite Conference & 19th AMS Satellite Meteorology, Oceanography, and Climatology Conference, Vienna Austria (16-20 Sept)