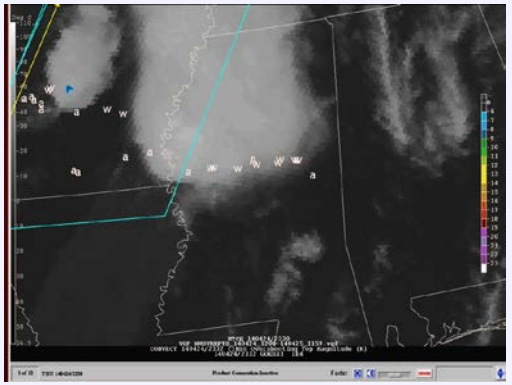
SPC – Bill Line

- Product demonstrations continue
  - Products selected based on potential utility to SPC forecasters
  - In-person one-on-one forecaster training
  - Real-time product demonstrations, year-round
- Products currently being demonstrated in Ops
  - CTC, OTD, NearCast, SRSOR (when available)
  - Forecasters are slowly finding ways to incorporate them into the SPC forecast process
    - http://www.spc.noaa.gov/products/md/md0162.html
    - http://www.spc.noaa.gov/products/md/md0401.html

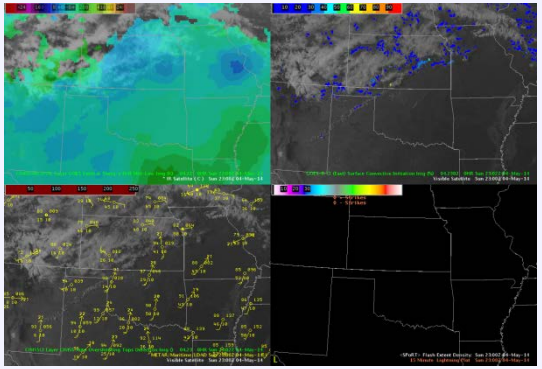


- Other products will be introduced as seen fit
  - Some based on SPC transition to AWIPS-II NCP (progress very slow, unlikely before end of year)
  - CI, FLS, Severe Probs, HRRR verification project, GEO/LEO hybrid imagery, PGLM, LTF

HWT – Bill Line

- 2014 HWT Spring Experiment
  - Experimental Forecast Program
    - Week of May 5 through week of June 2; NAWIPS
    - GOES-R: informal evaluations when appropriate
  - Experimental Warning Program
    - Weeks of May 5, 12, 19, June 2; AWIPS-II; 8 hr shifts
    - 3 NWS forecasters, 1 broadcast met. per week
    - GOES-R Products:
      - Synthetic Satellite Imagery (CIRA)
      - NearCast System (CIMSS)
      - GOES-R CI (SPoRT)
      - Prob Severe Model (CIMSS)
      - Overshooting Top Detection (CIMSS)
      - PGLM Total Lightning (SPoRT)
      - Moving Trace (SPoRT
      - Lightning Jump Algorithm (NSSL/SPoRT)
      - GOES-14 SRSOR (May 8-22)
    - GOES-R Scientists: John Cintineo, Justin Sieglaff and Wayne Feltz (CIMSS); Kris White, John Mecikalski, Chris Jewett, Elise Schultz, Chris Schultz (UAH/SPoRT); Ed Szoke (CIRA); Vesa Nietosvaara (EUMETSAT); Steve Goodman (GOES-R)

GOES-R HWT Plan: http://www.goes-r.gov/users/docs/pg-activities/2014-HWT-DemoPlan-Spring-Exp.pdf
GOES-R HWT Blog: http://www.goesrhwt.blogspot.com/

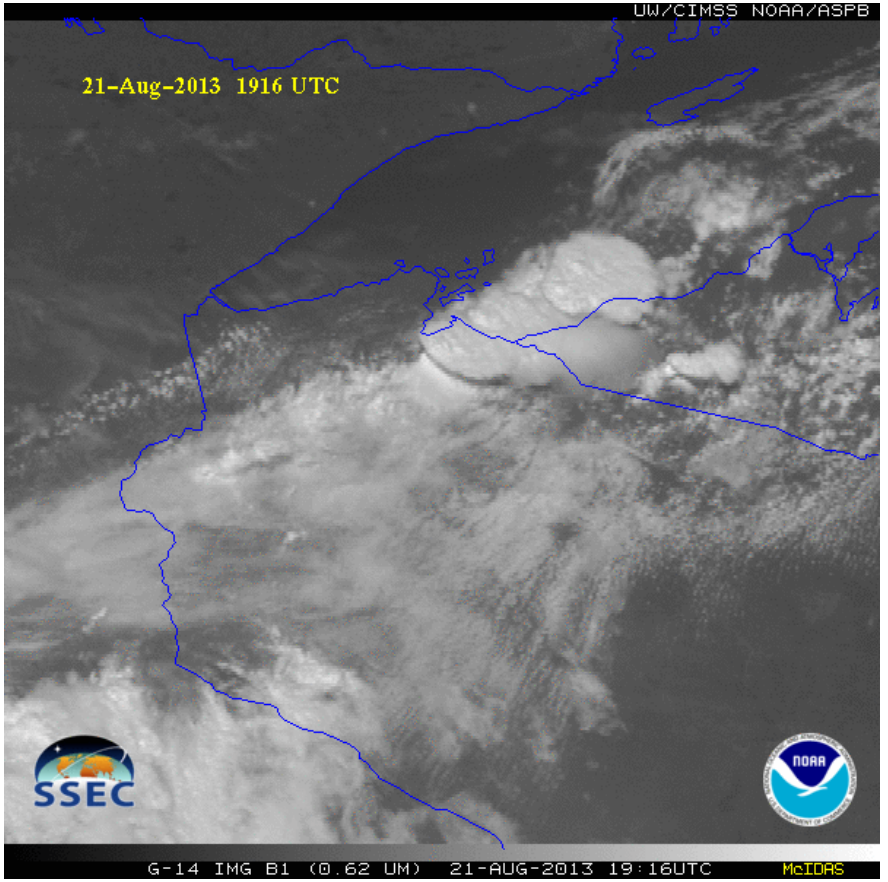


More GOES-14 Super Rapid Scan Operations to Prepare for GOES-R (SRSOR) imagery planned for 2014

- SRSOR (Super Rapid Scan Operations for GOES-R) from GOES-14 imager
- The planned dates are **May 8-22**, and **August 14-28, 2014.** Details at: http://cimss.ssec.wisc.edu/goes/srsor2014/GOES-14_SRSOR.html

- Previous data between mid-August and September 24th and late October 2012; and two days in June and 12 days in mid-August, 2013
  - *http://cimss.ssec.wisc.edu/goes/srsor/GOES-14_SRSOR.html and*
  - *http://cimss.ssec.wisc.edu/goes/srsor2013/GOES-14_SRSOR.html*

- GOES-14 unique SRSOR data will provide a glimpse into the data by the ABI on GOES-R in one minute mesoscale imagery. Data will be available is several formats



GOES-14 visible image showing rapid convective development

Slide courtesy of Tim Schmit