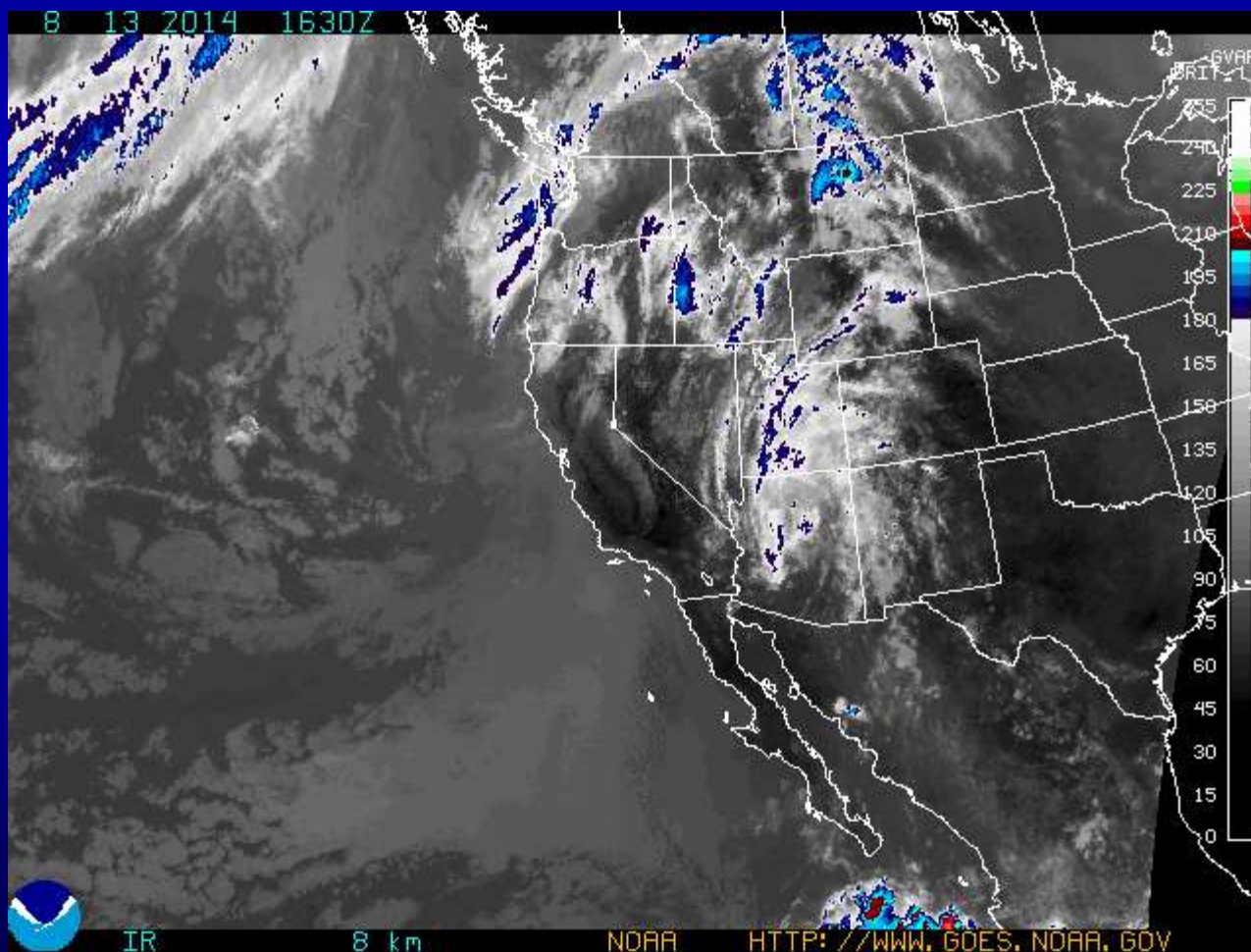
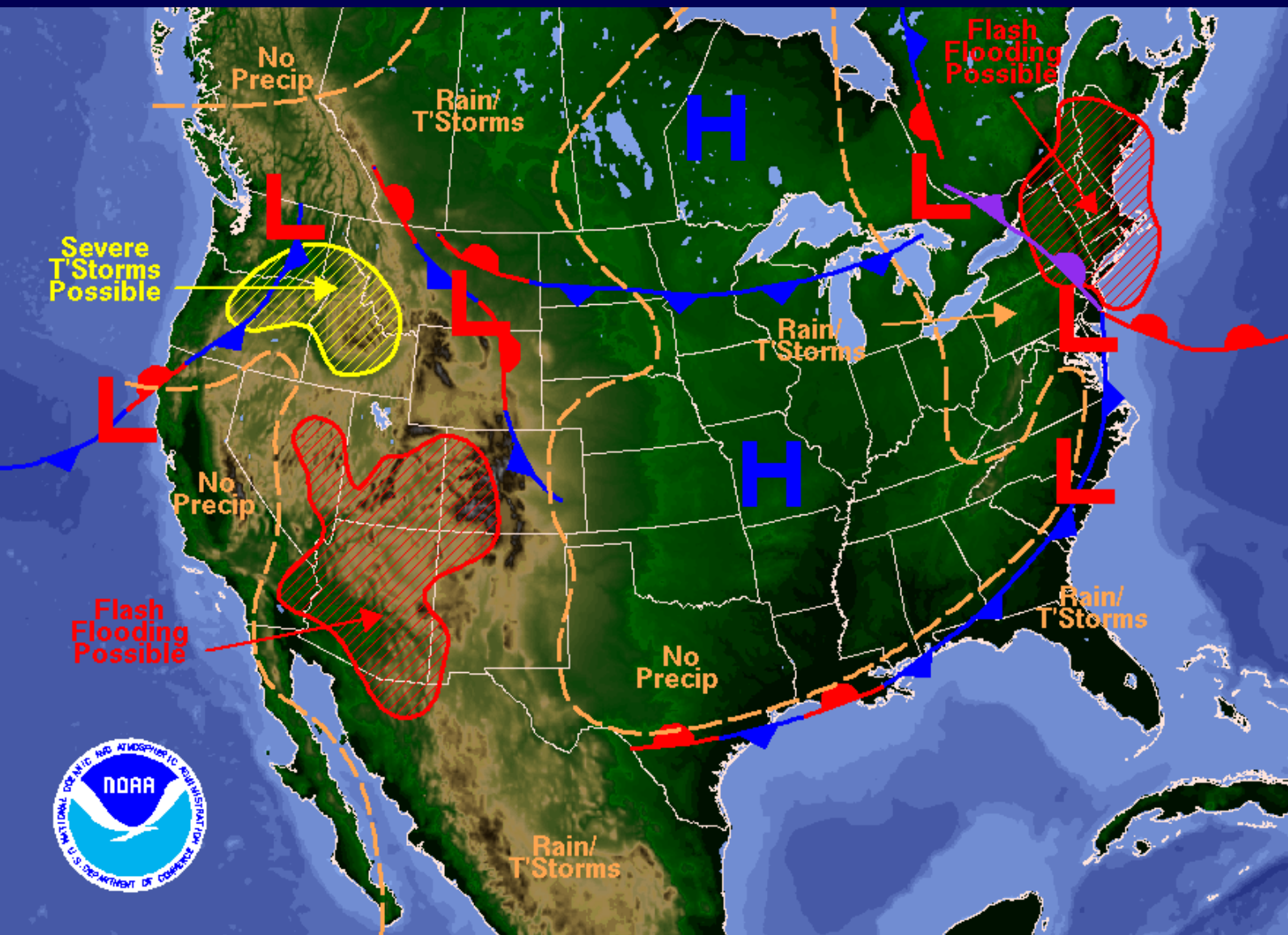




Short term Weather

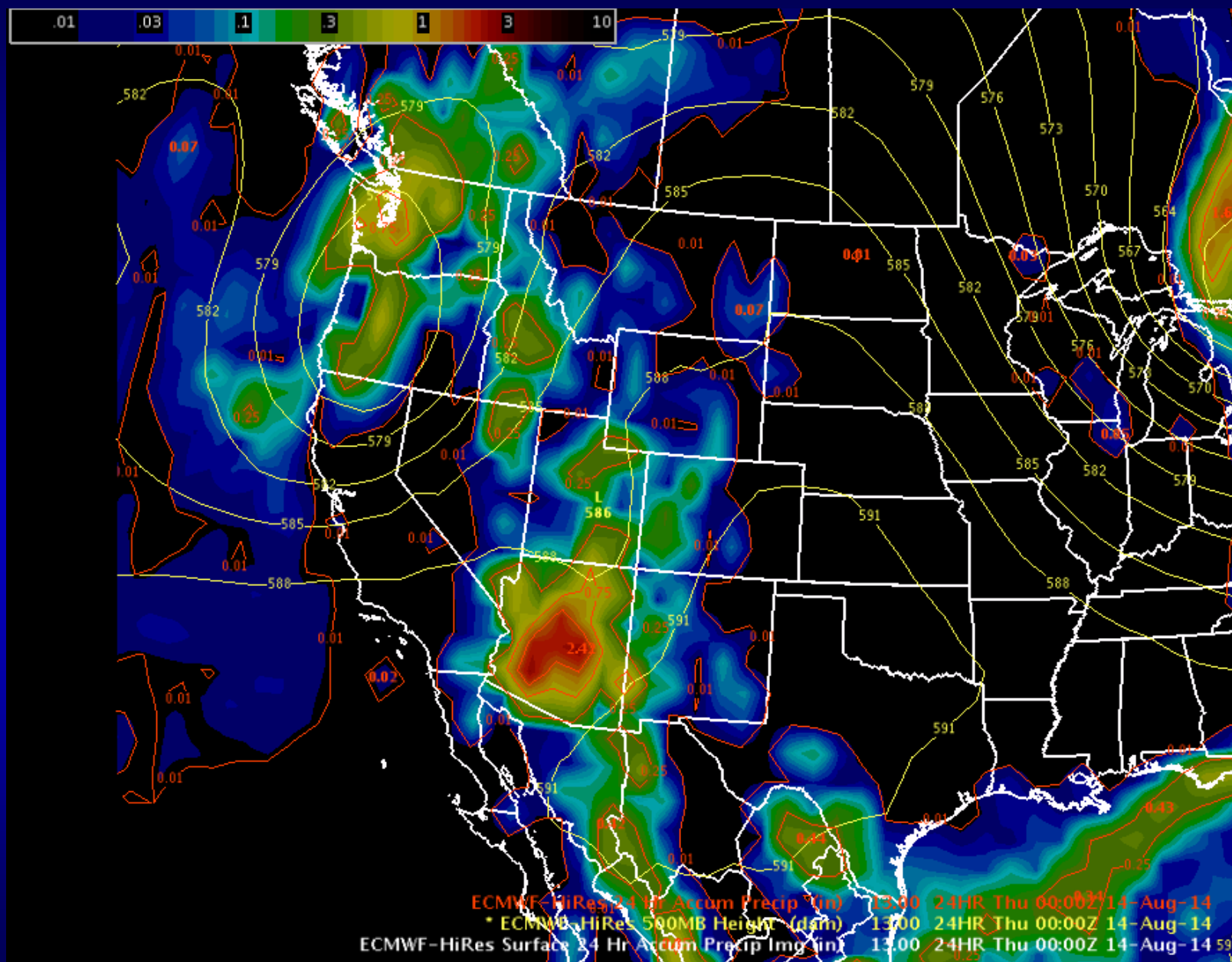
Presentation to:
Water Availability Task Force Meeting
August 13, 2014

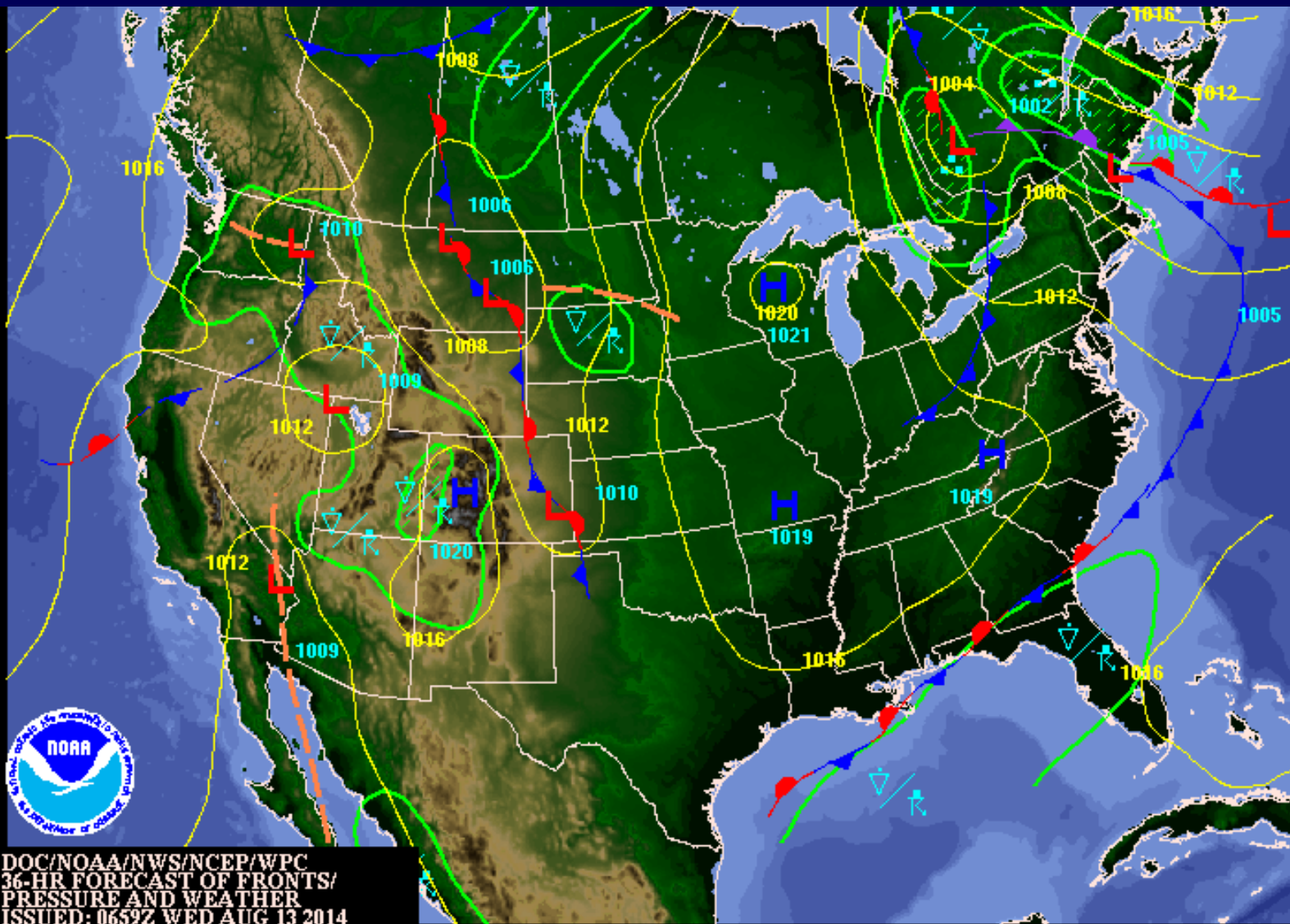




Weather Forecast for Wed, Aug 13, 2014, issued 2:49 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

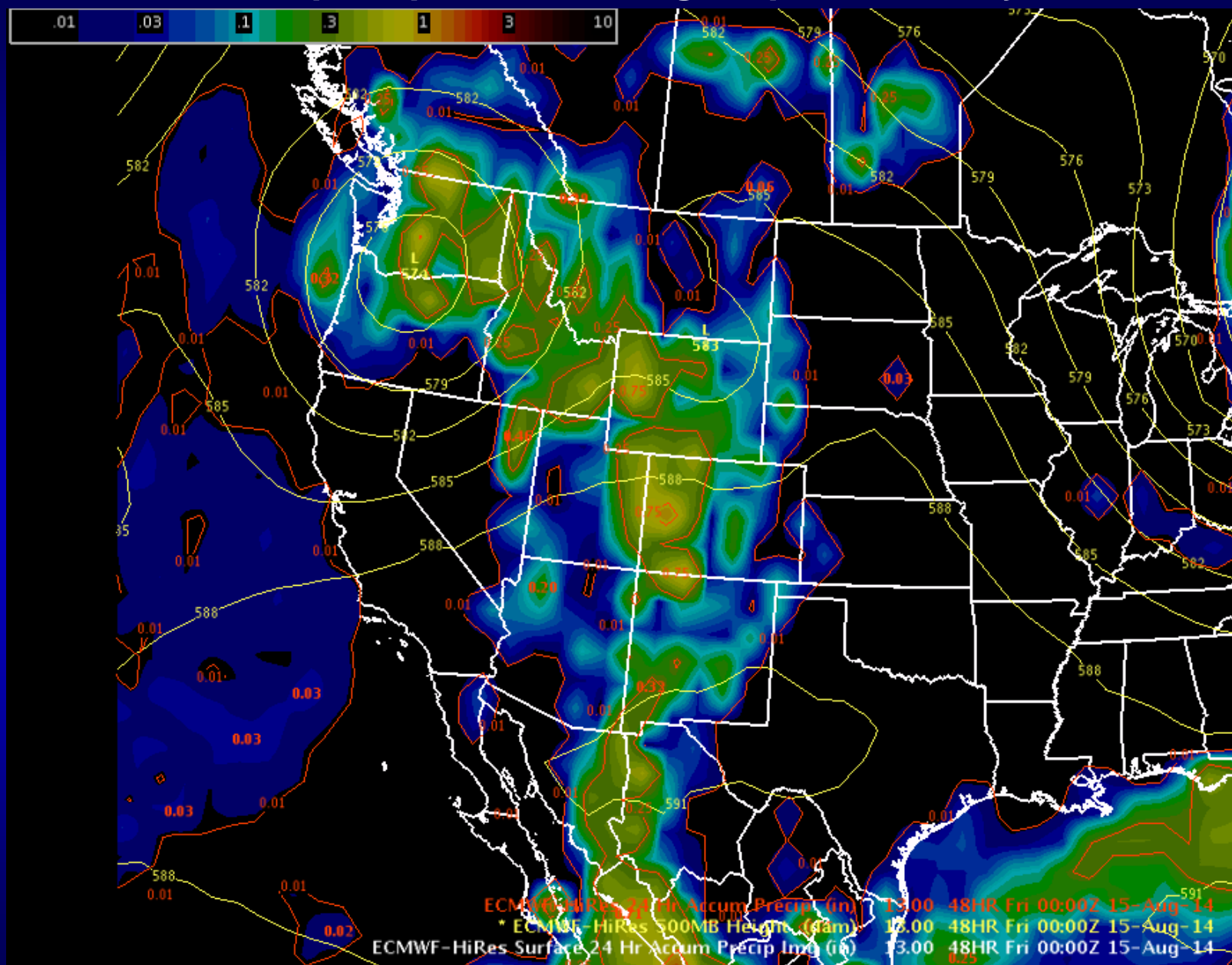
24 precipitation through 6 pm today

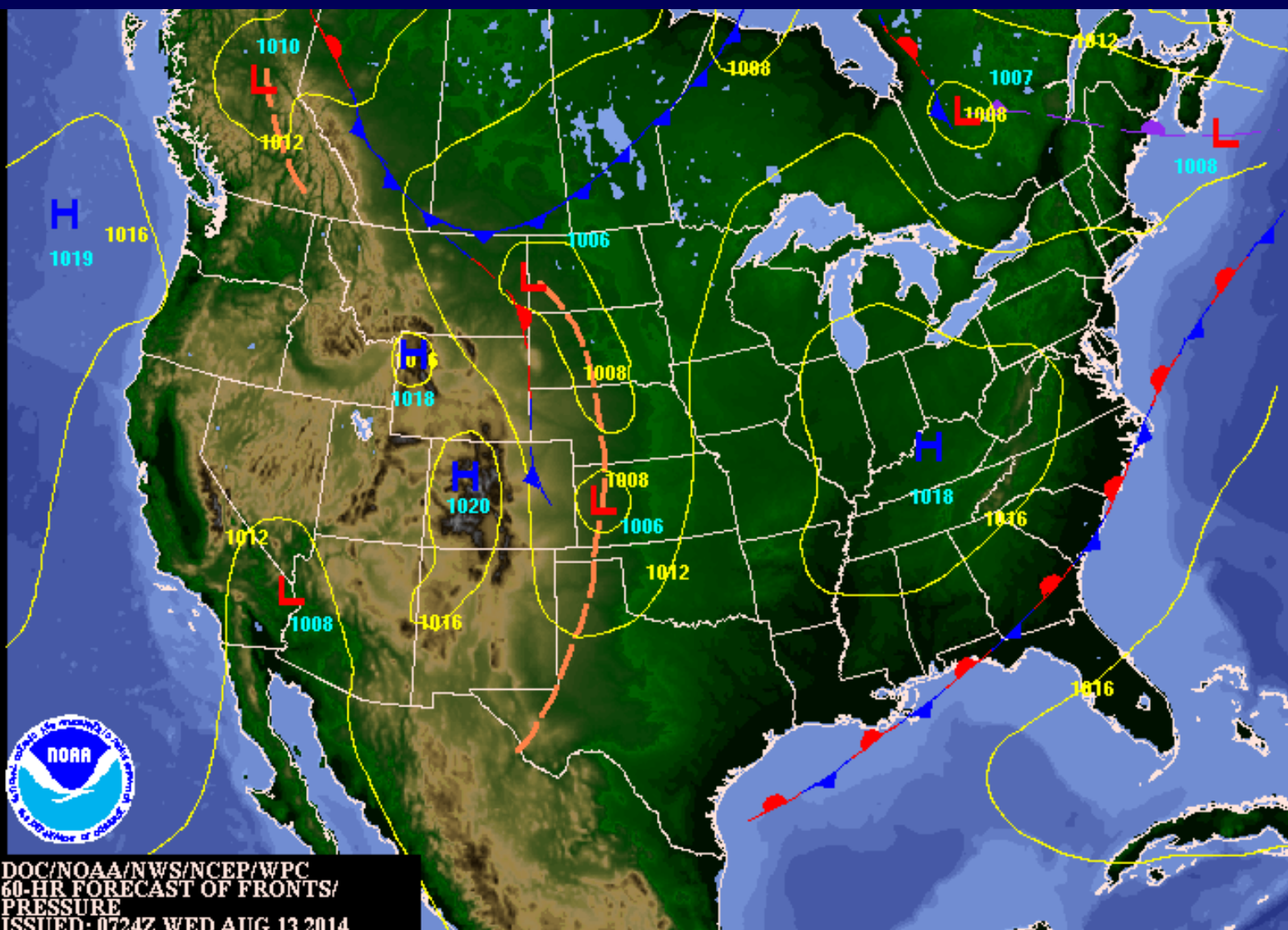




DOC/NOAA/NWS/NCEP/WPC
36-HR FORECAST OF FRONTS/
PRESSURE AND WEATHER
ISSUED: 0659Z WED AUG 13 2014
VALID: 1200Z THU AUG 14 2014
FORECASTER: PETERSEN

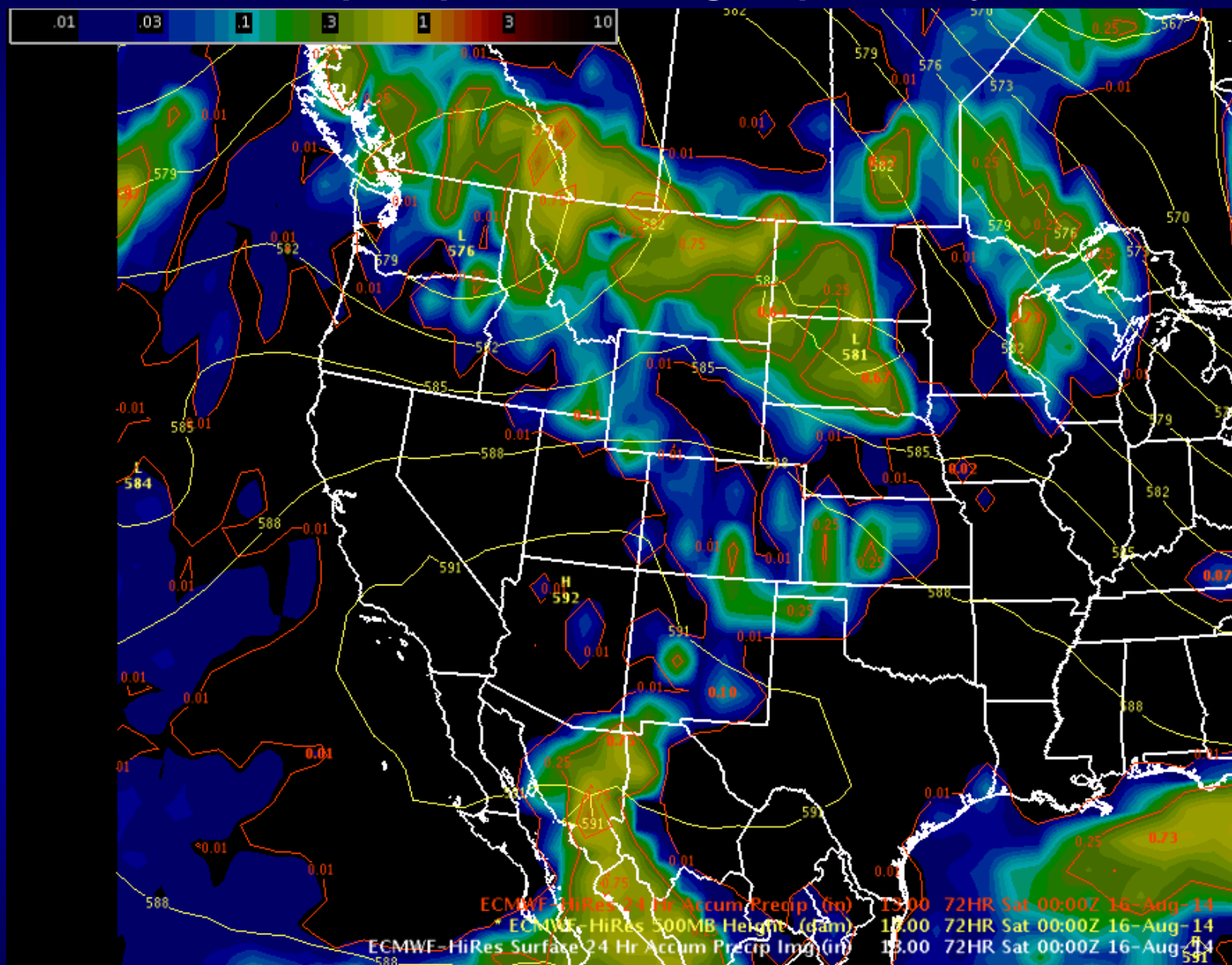
24 precipitation through 6 pm Thursday

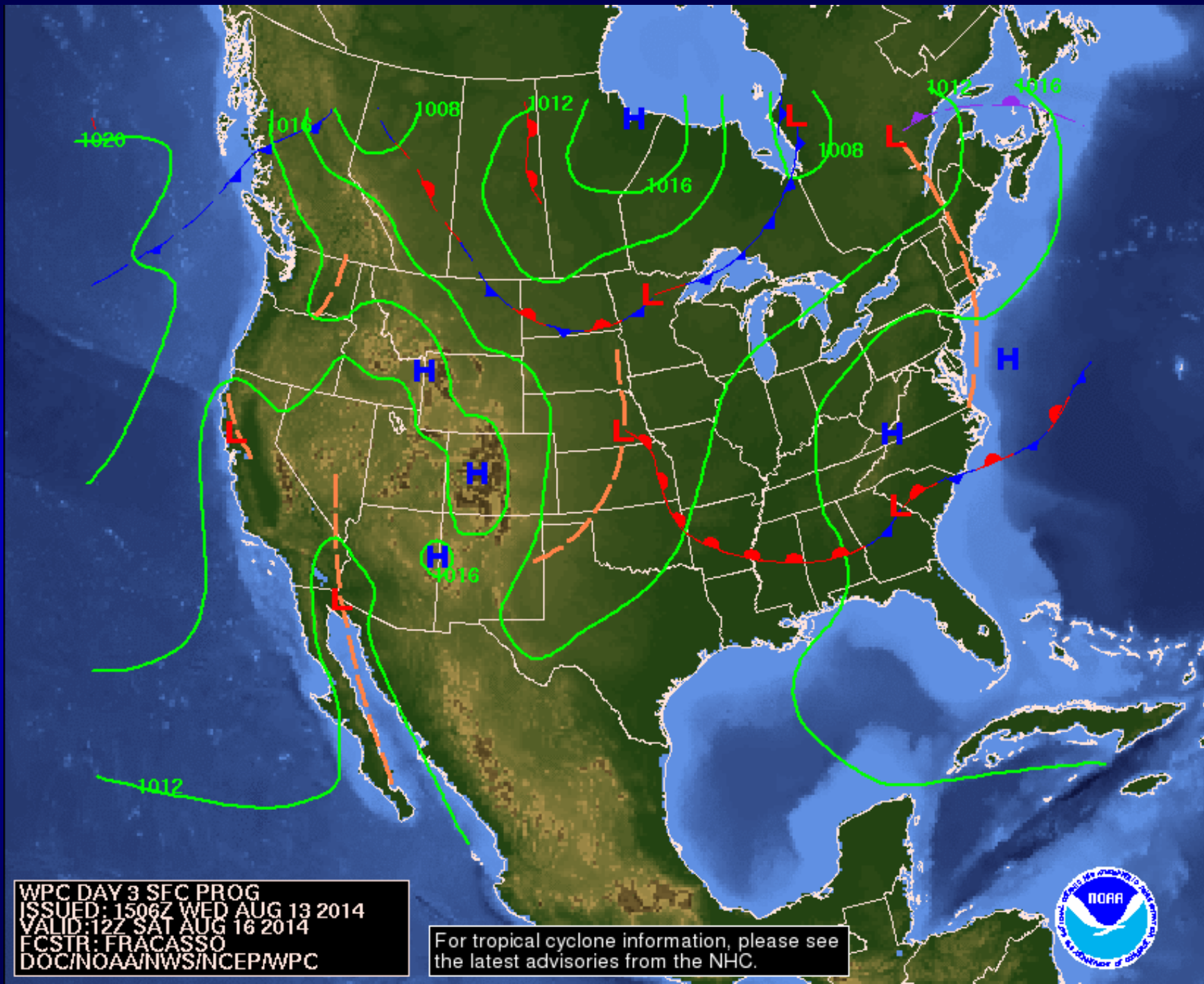




DOC/NOAA/NWS/NCEP/WPC
60-HR FORECAST OF FRONTS/
PRESSURE
ISSUED: 0724Z WED AUG 13 2014
VALID: 1200Z FRI AUG 15 2014
FORECASTER: PETERSEN

24 precipitation through 6 pm Friday



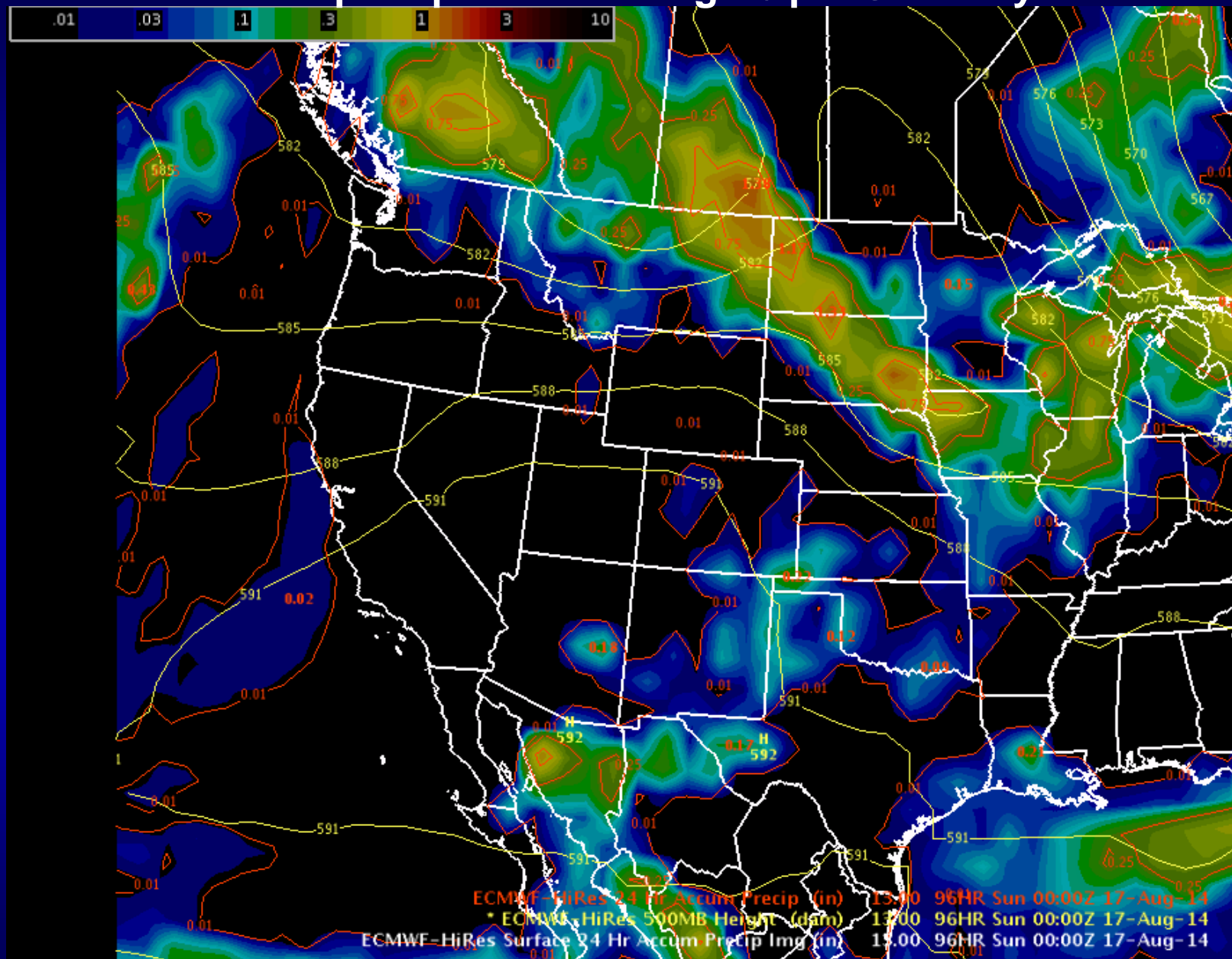


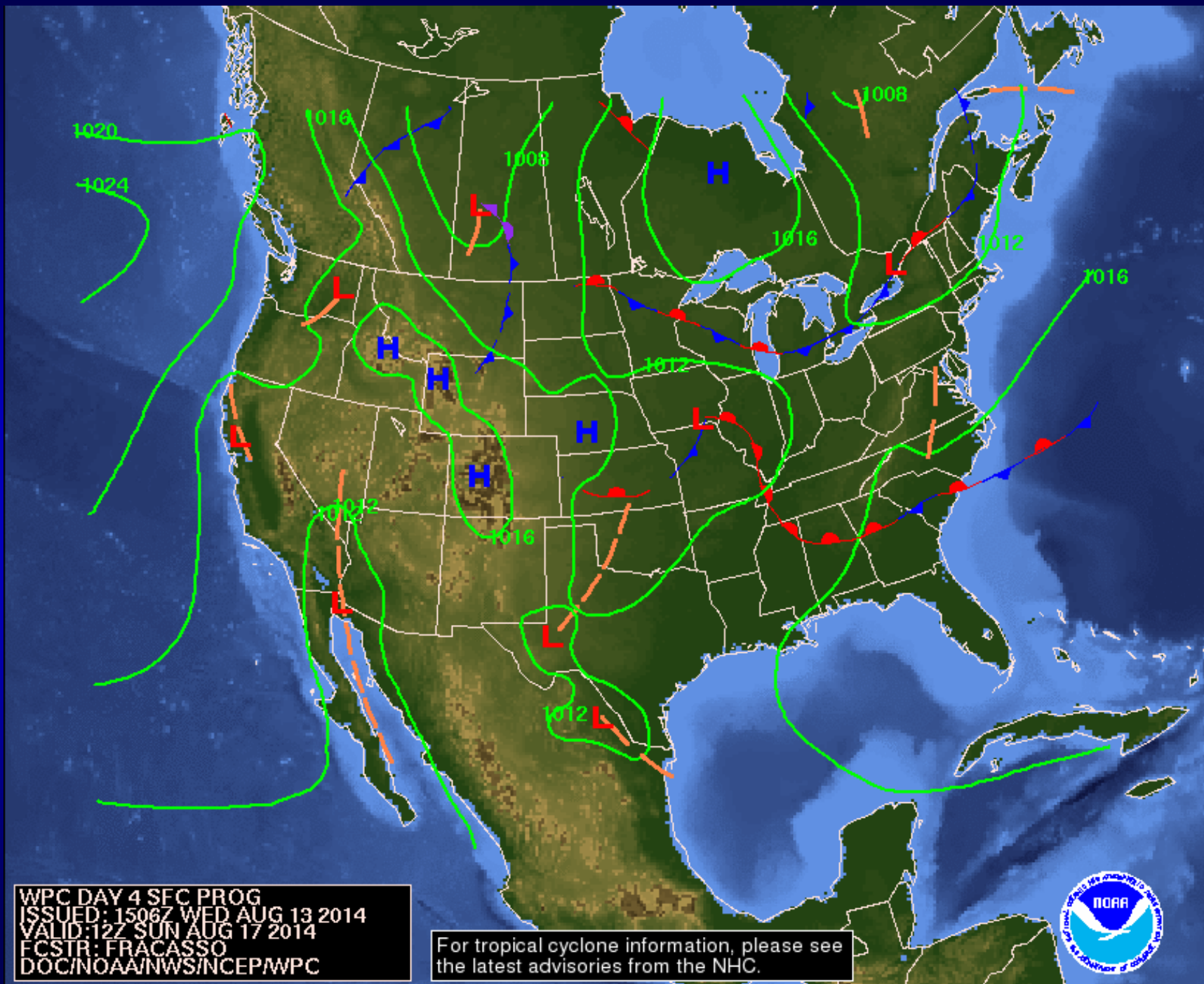
WPC DAY 3 SFC PROG
ISSUED: 1506Z WED AUG 13 2014
VALID: 12Z SAT AUG 16 2014
FCSTR: FRACASSO
DOC/NOAA/NWS/NCEP/WPC

For tropical cyclone information, please see
the latest advisories from the NHC.

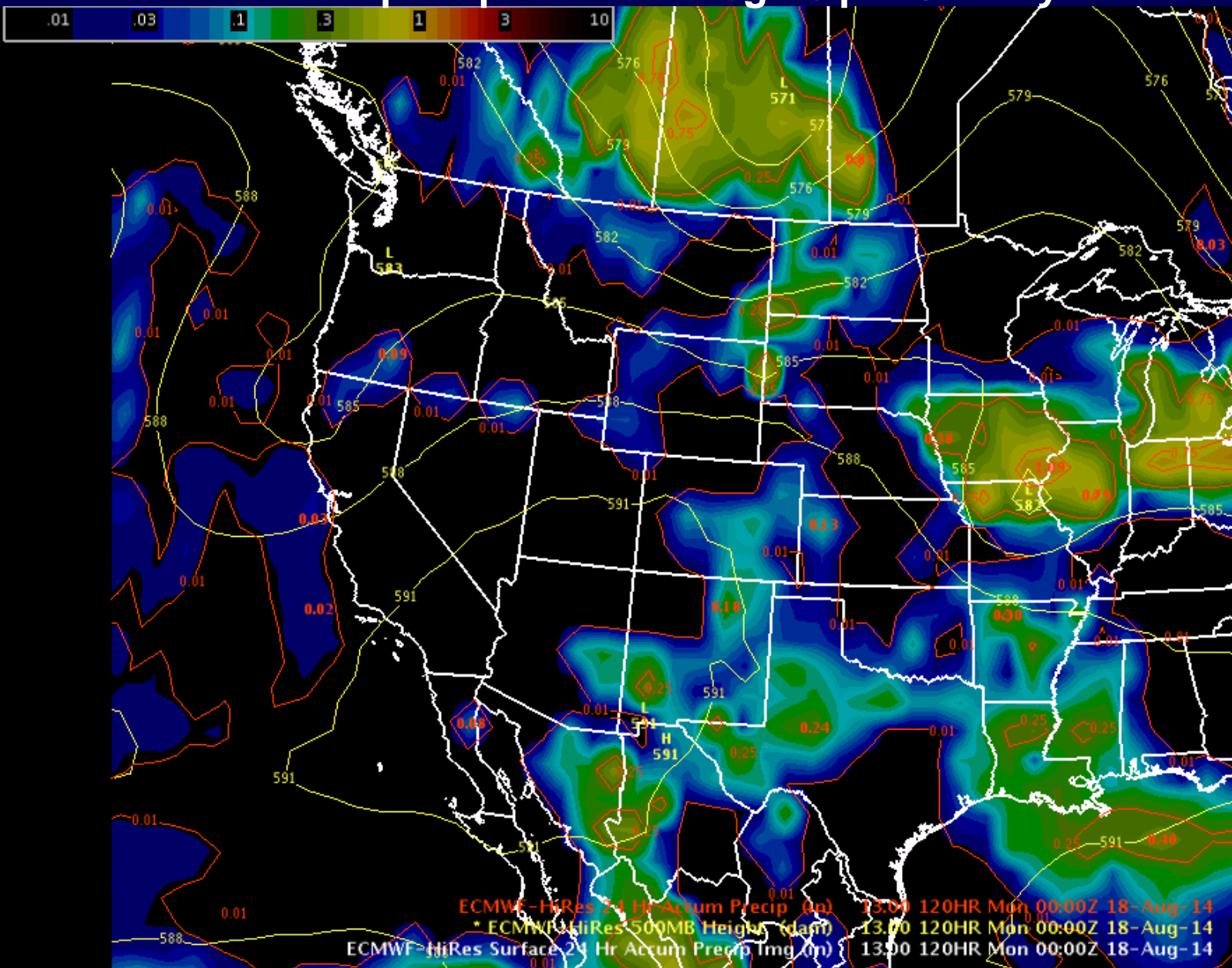


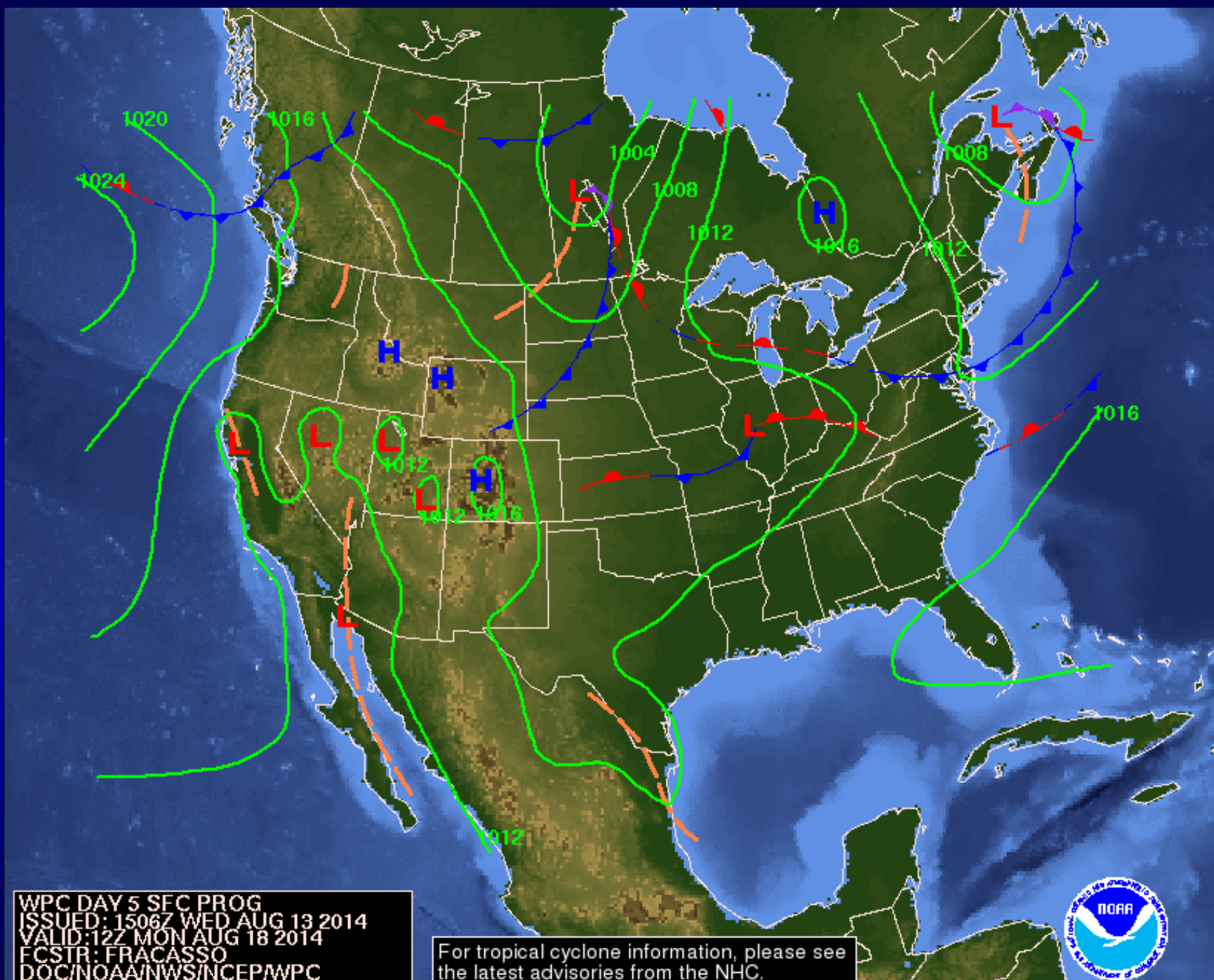
24 precipitation through 6 pm Saturday





24 precipitation through 6 pm Sunday



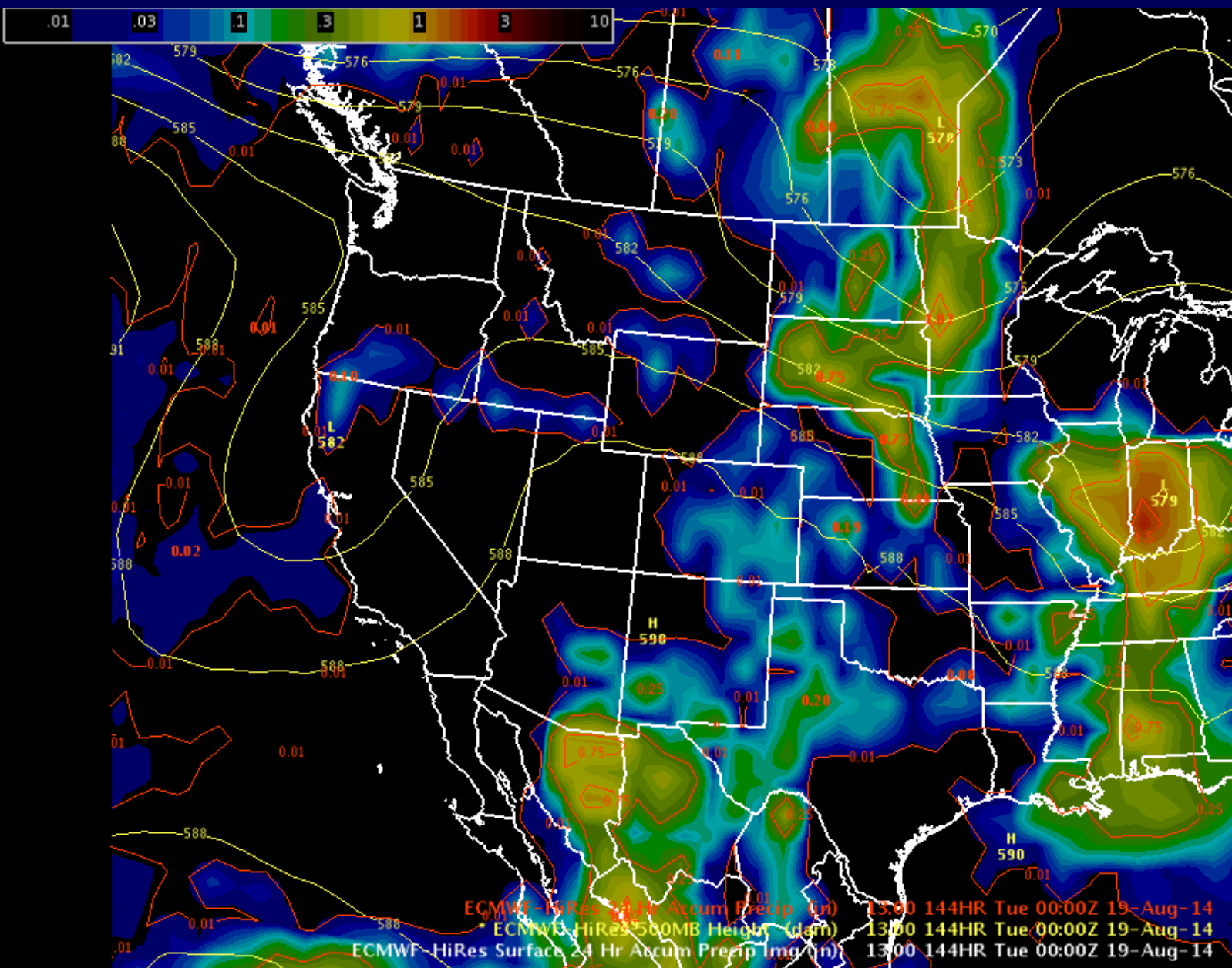


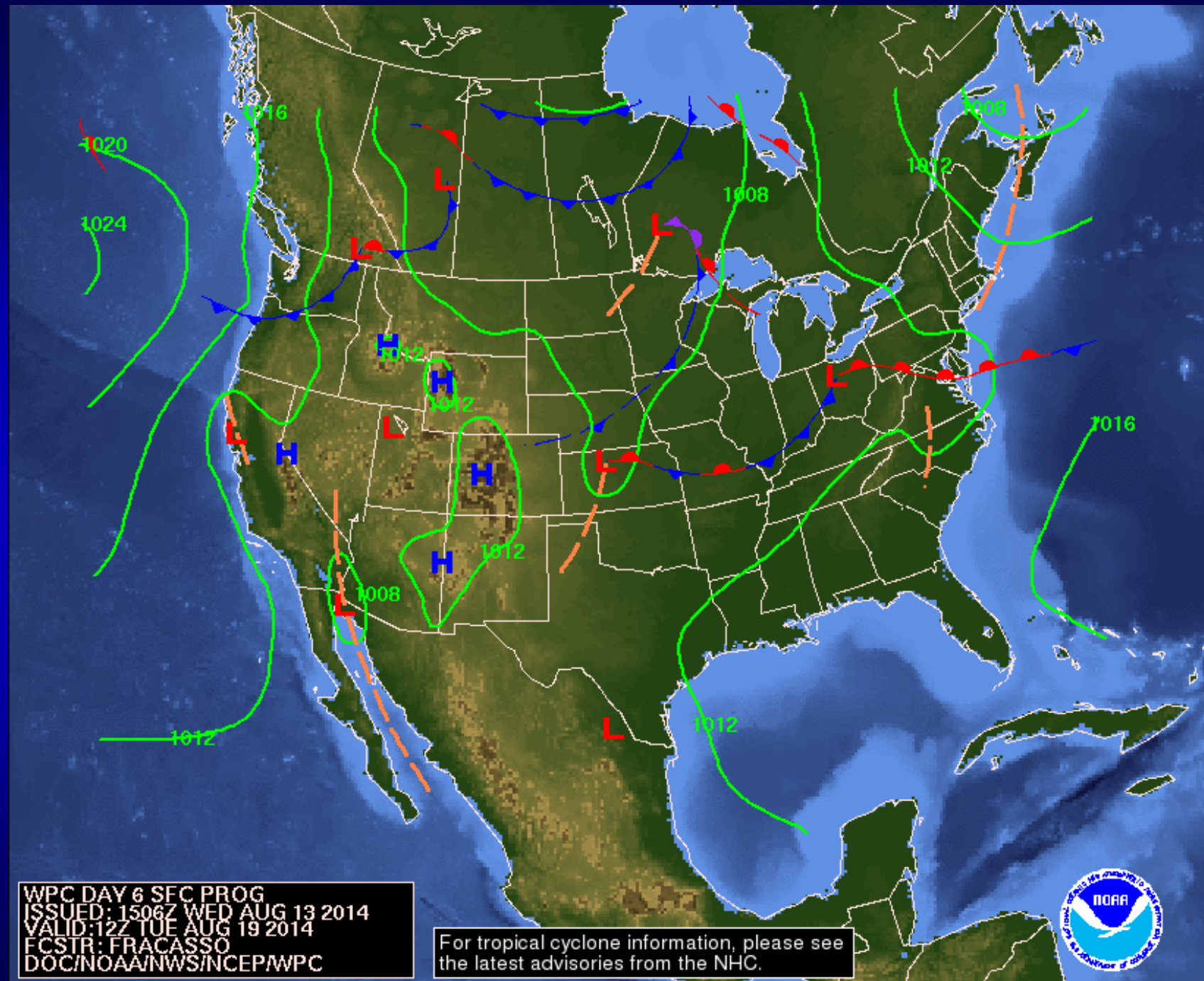
WPC DAY 5 SFC PROG
ISSUED: 1506Z WED AUG 13 2014
VALID: 12Z MON AUG 18 2014
FCSTR: FRACASSO
DOC/NOAA/NWS/NCEP/WPC

For tropical cyclone information, please see
the latest advisories from the NHC.



24 precipitation through 6 pm Monday



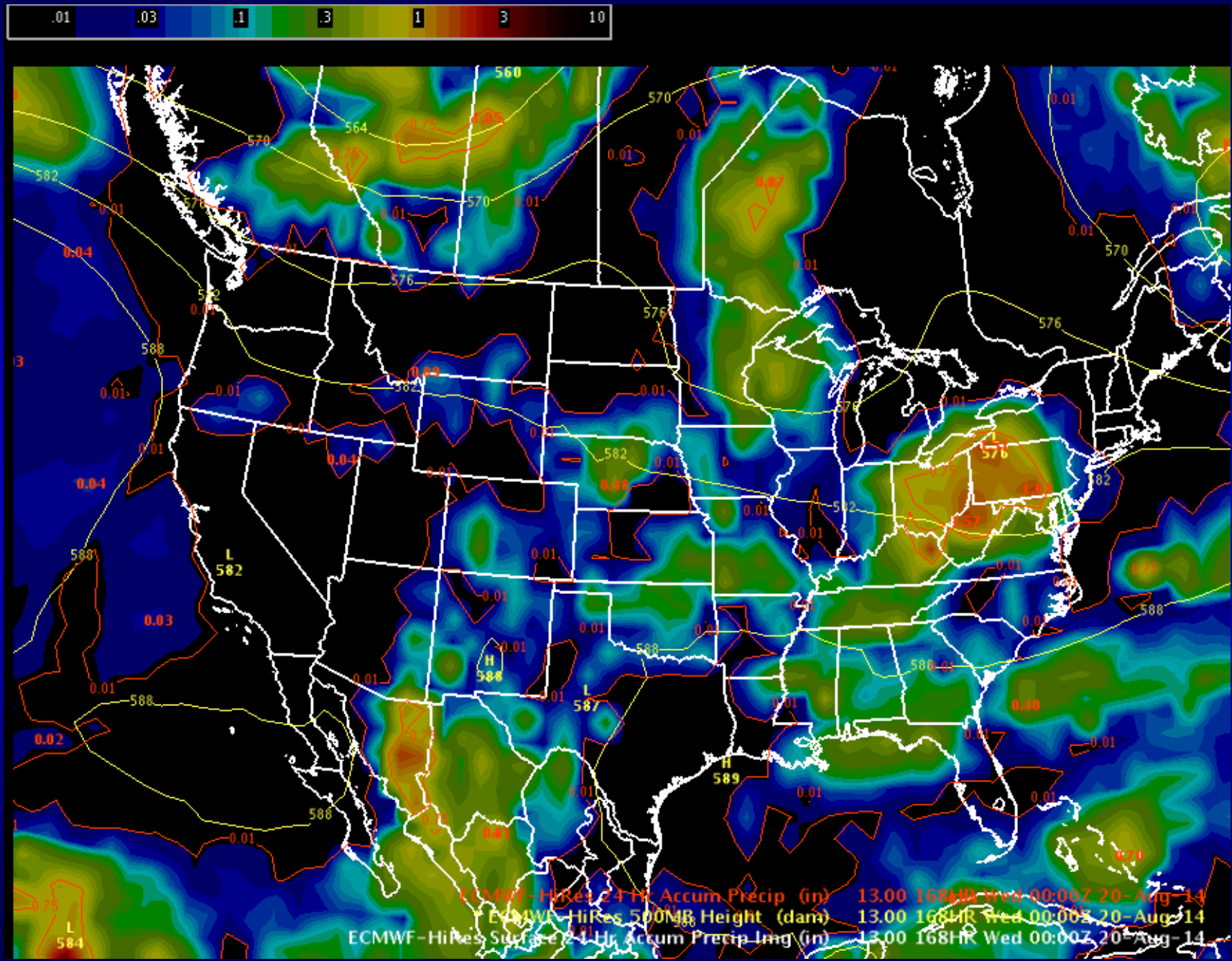


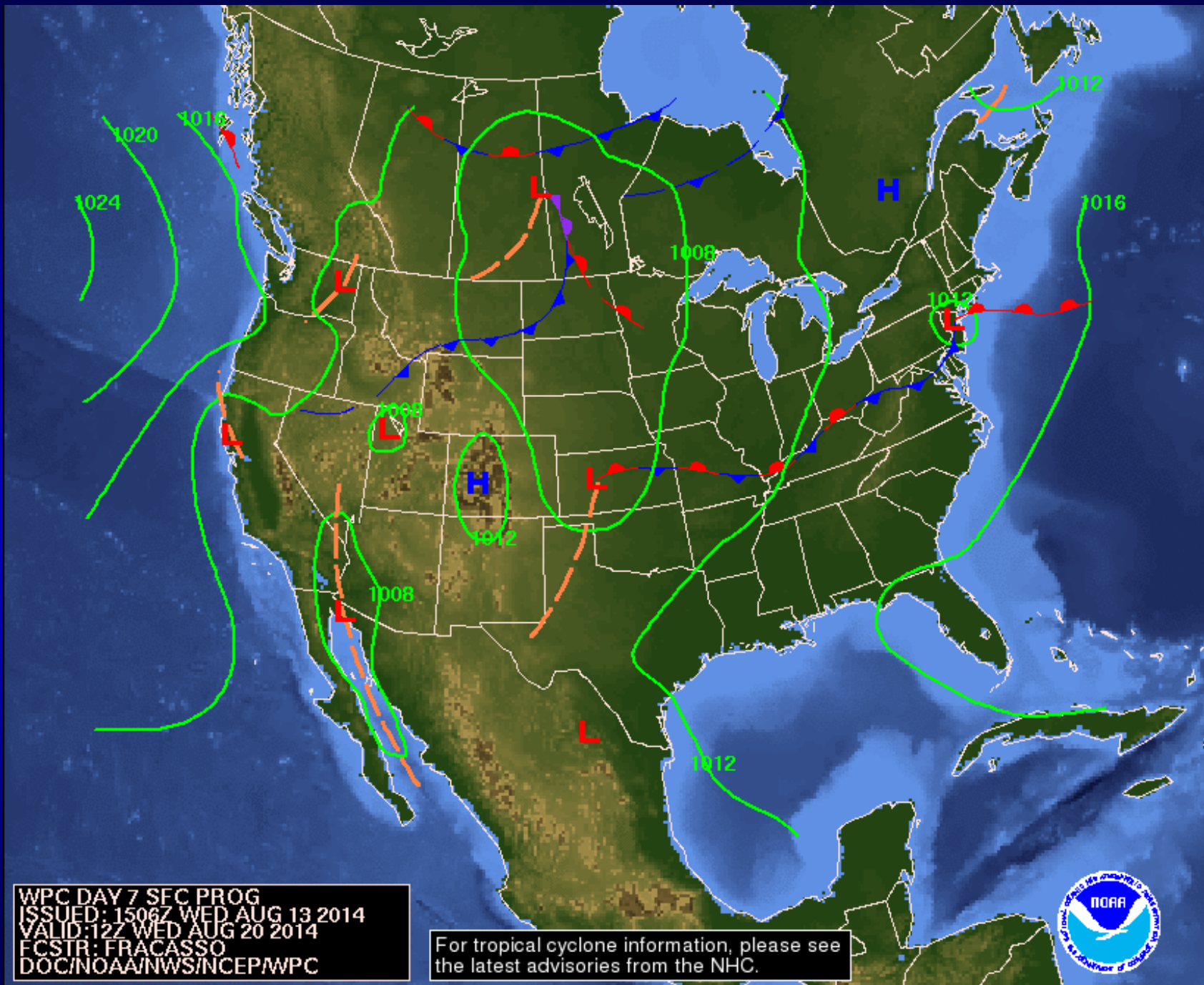
WPC DAY 6 SEC PROG
ISSUED: 1506Z WED AUG 13 2014
VALID: 12Z TUE AUG 19 2014
FCSTR: FRACASSO
DOC/NOAA/NWS/NCEP/WPC

For tropical cyclone information, please see
the latest advisories from the NHC.

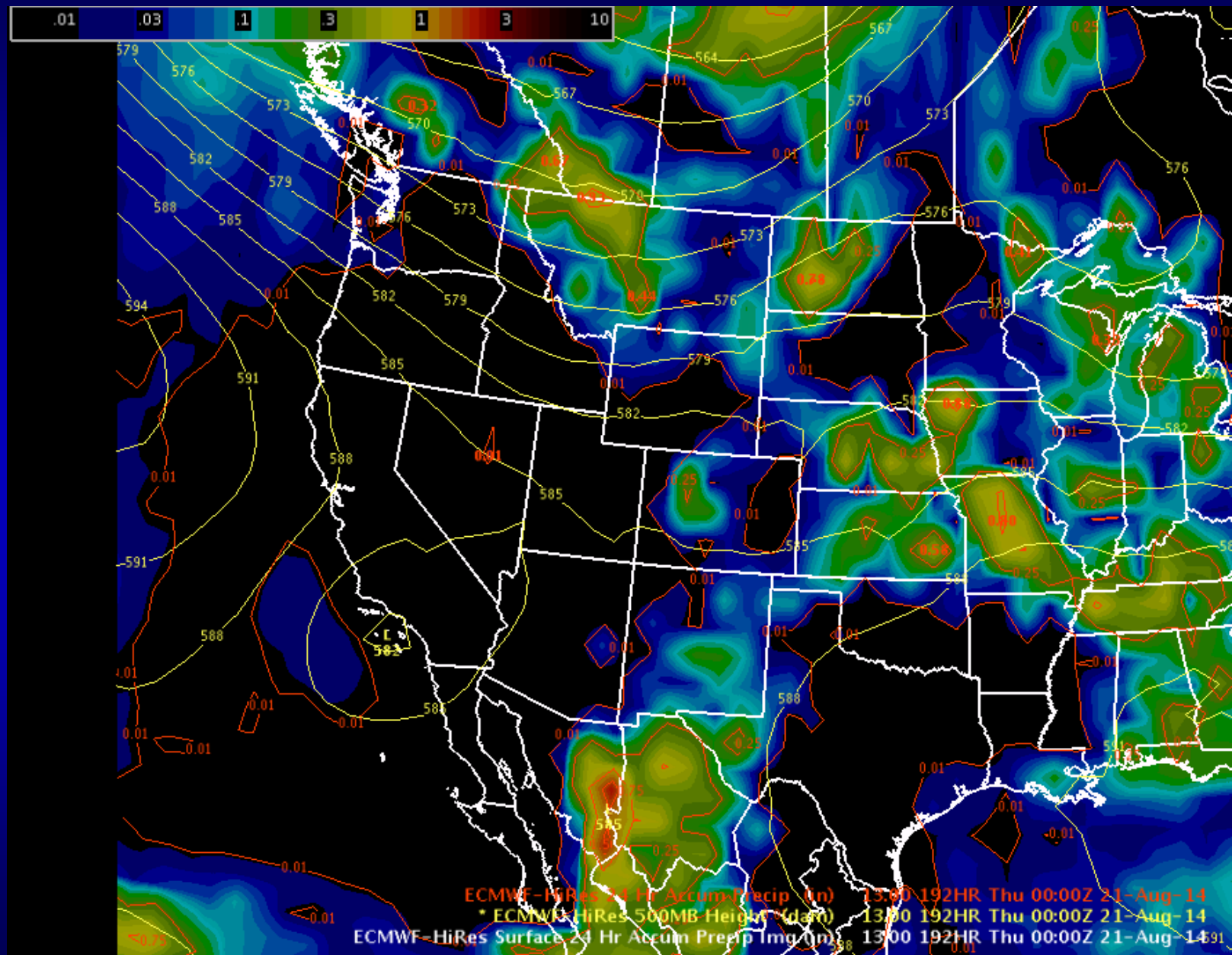


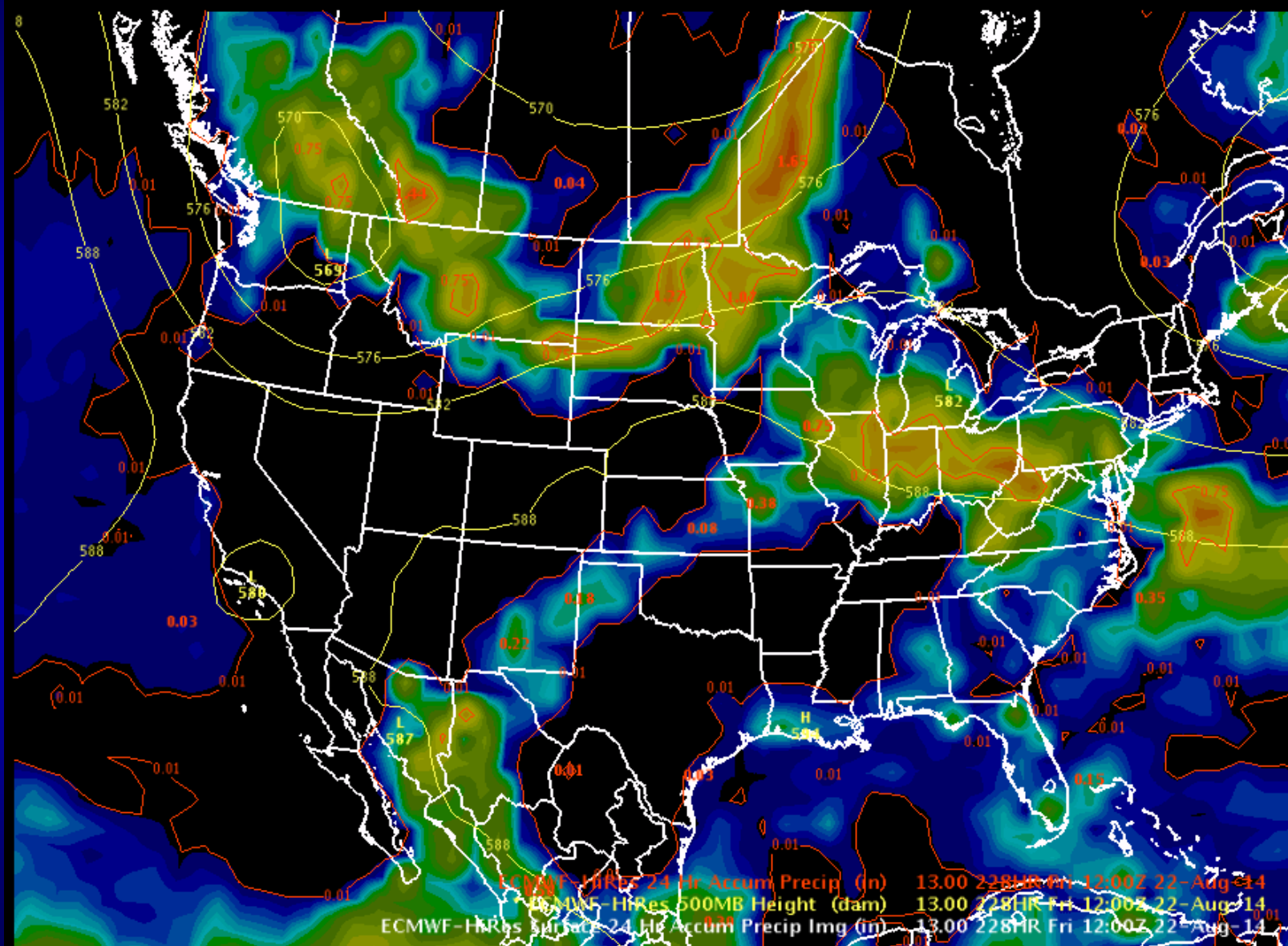
24 precipitation through 6 pm Tuesday



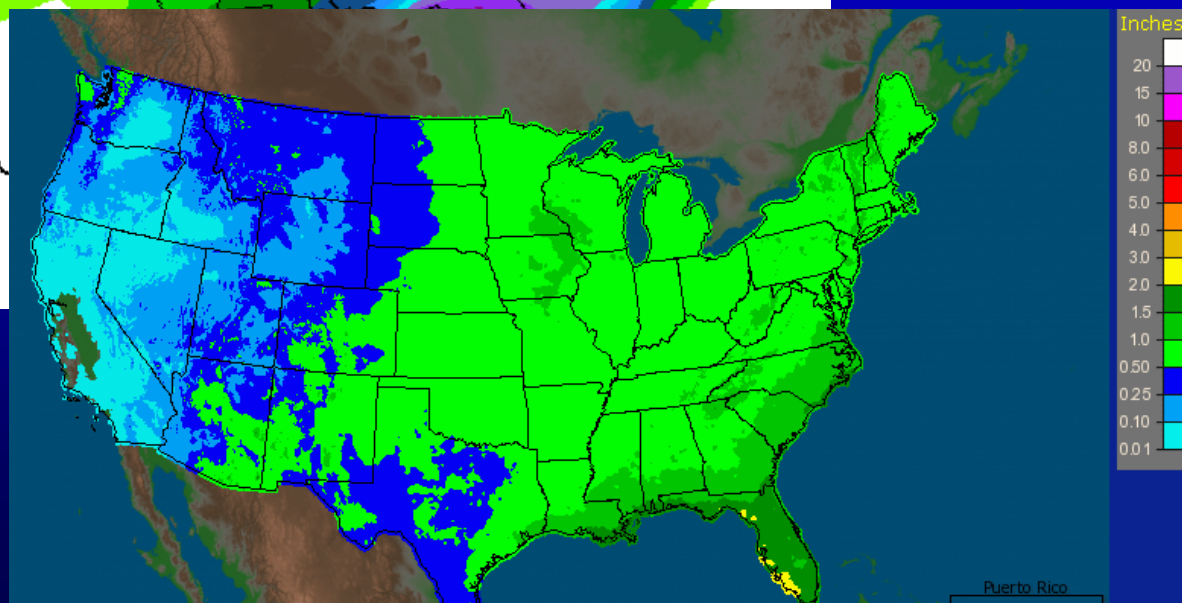
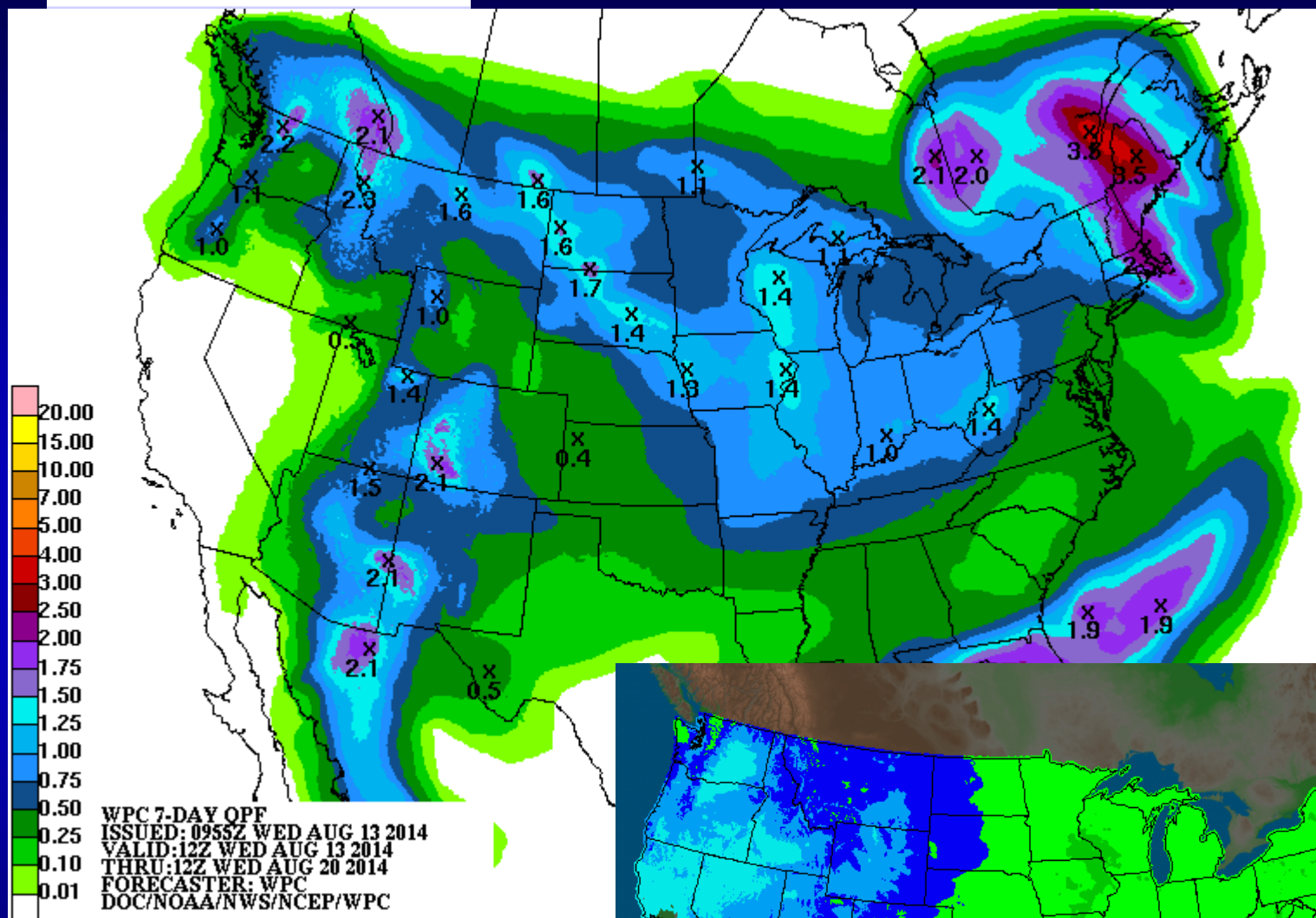


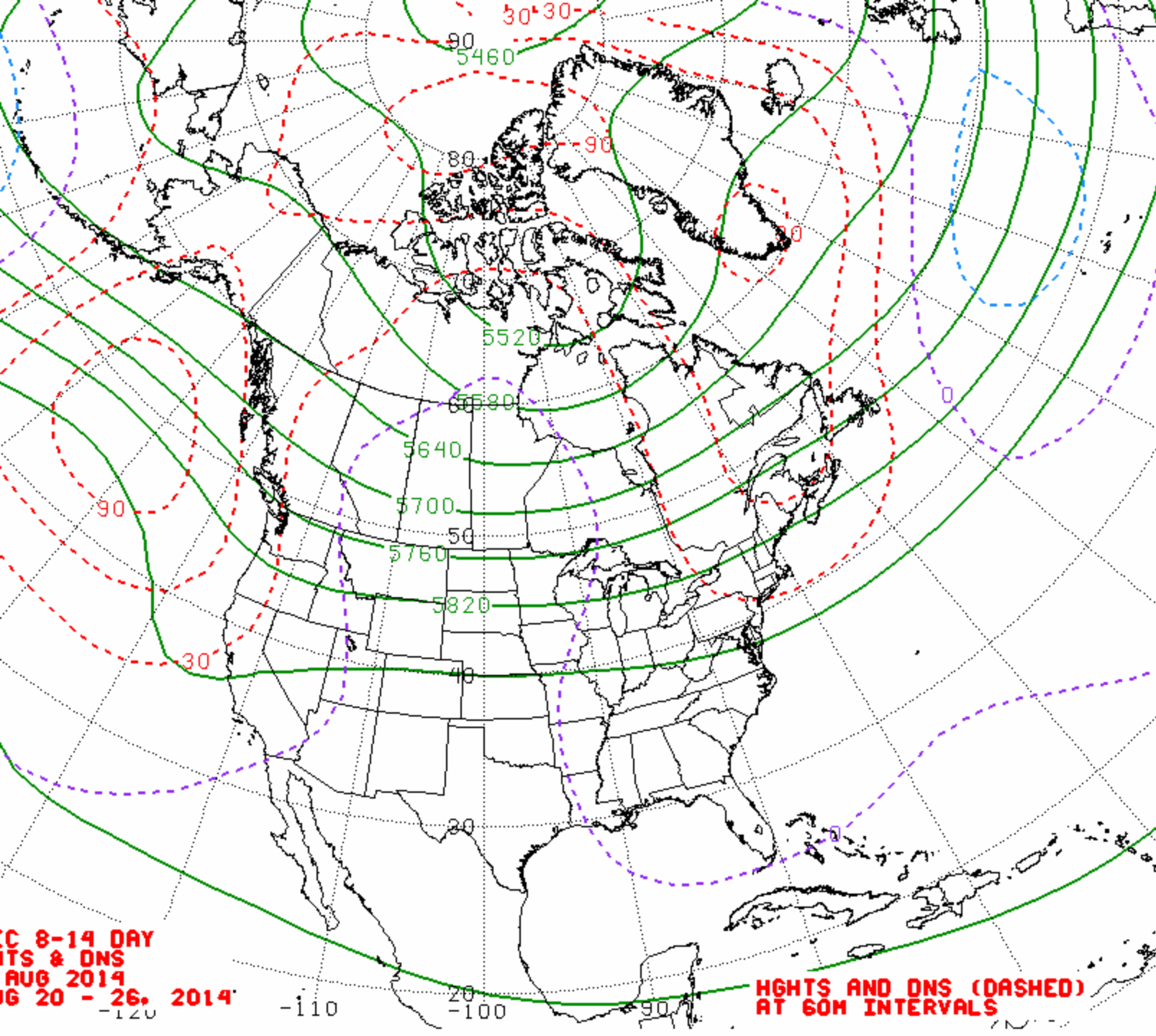
24 precipitation through 6 pm Wednesday





7-Day Total Precipitation



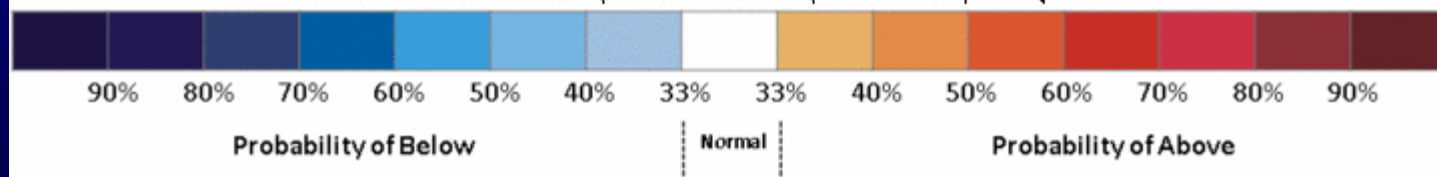


C 8-14 DAY
HTS & DNS
AUG 2014
AUG 20 - 26, 2014



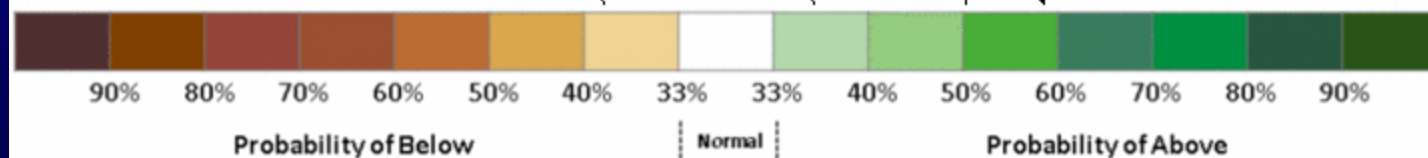
8-14 DAY OUTLOOK
TEMPERATURE PROBABILITY
MADE 12 AUG 2014
VALID AUG 20 - 26, 2014

DASHED BLACK LINES ARE CLIMATOLOGY
(DEG F) SHADED AREAS ARE FCST
VALUES ABOVE (A) OR BELOW (B) NORMAL
UNSHADED AREAS ARE NEAR-NORMAL

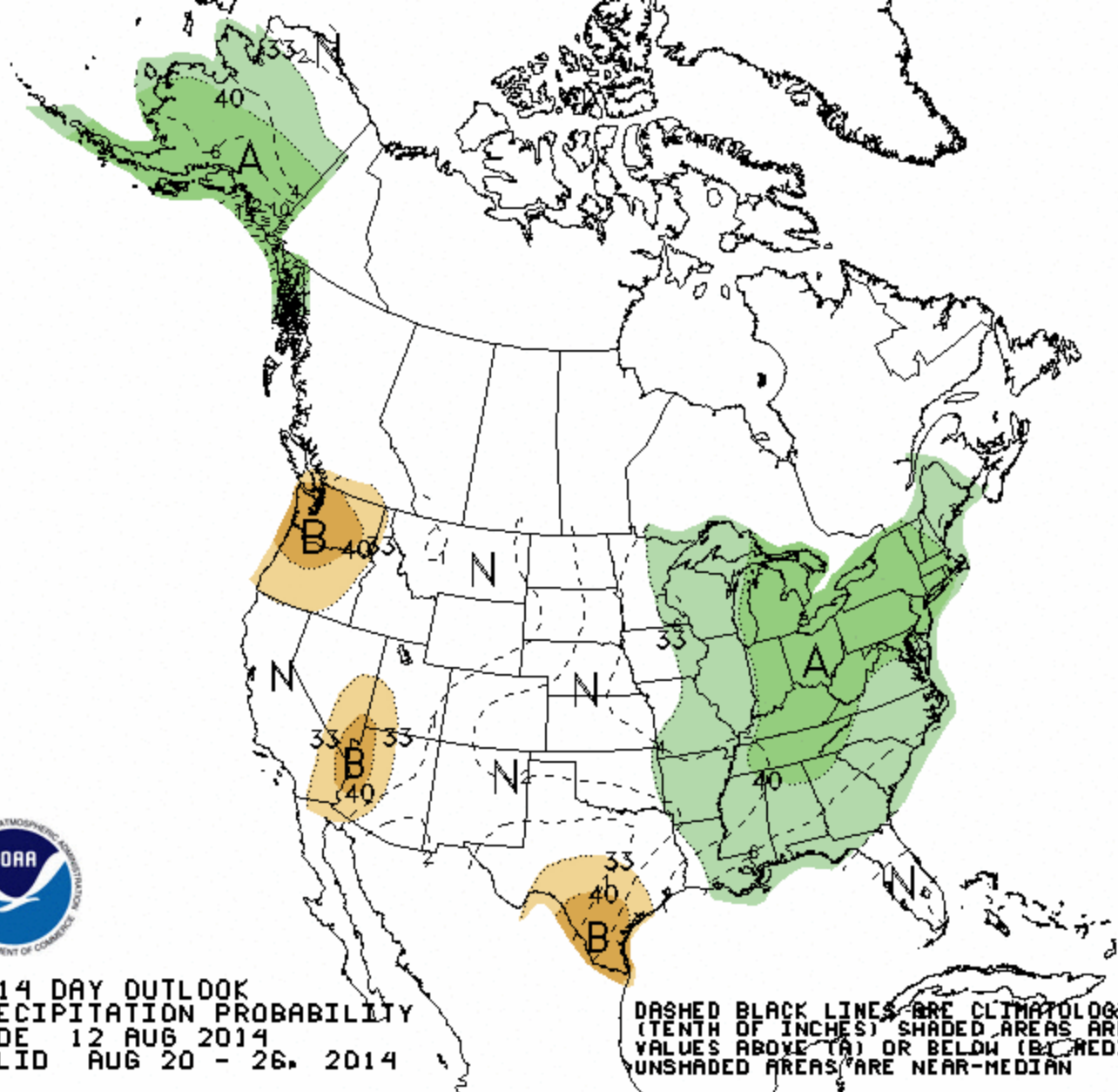




8-14 DAY OUTLOOK
PRECIPITATION PROBABILITY
MADE 12 AUG 2014
VALID AUG 20 - 26, 2014



DASHED BLACK LINES ARE CLIMATOLOGY (TENTH OF INCHES). SHADED AREAS ARE FCS VALUES ABOVE (A) OR BELOW (B) MEDIAN. UNSHADED AREAS ARE NEAR-MEDIAN.



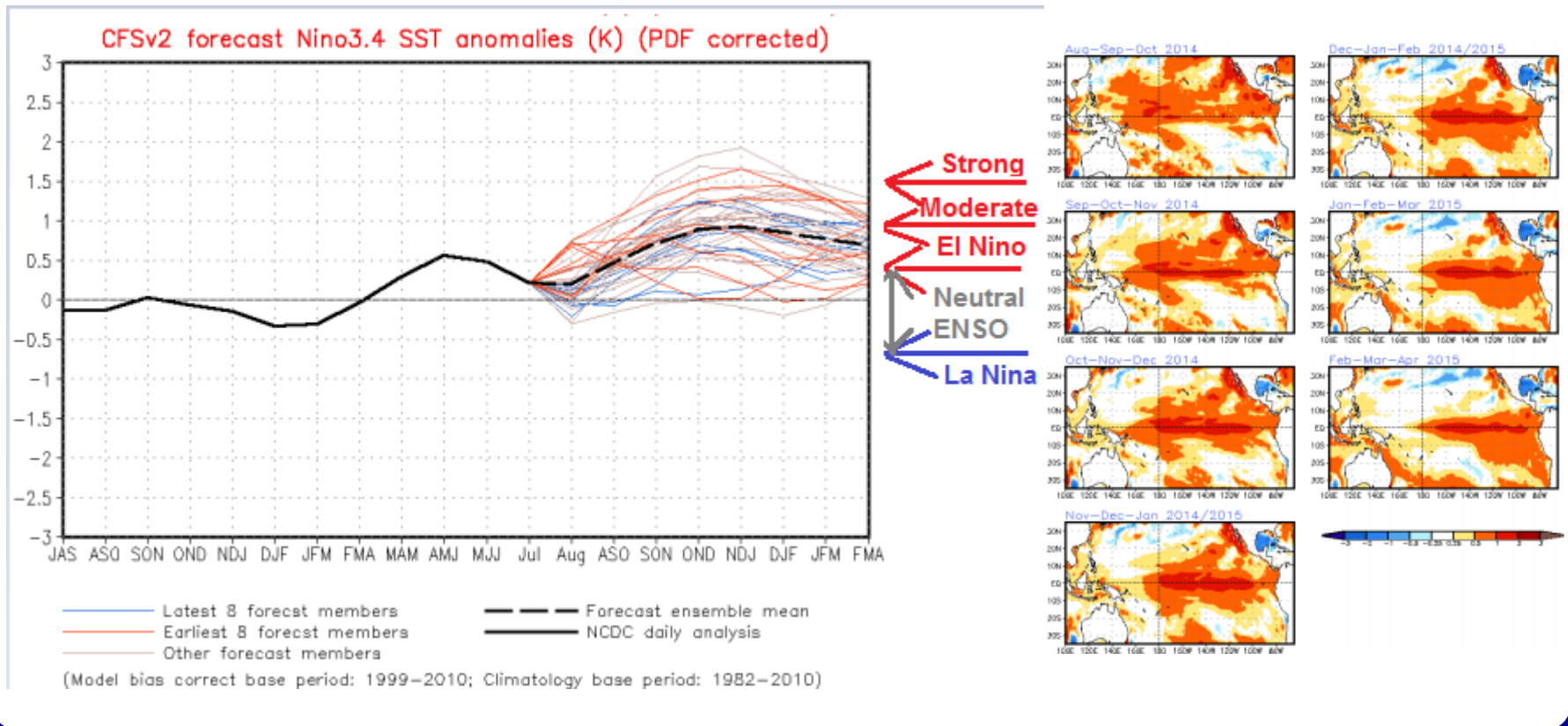
Historical El Niño and La Niña Episodes Based on the ONI computed using ERSST.v3b

Recent Pacific warm (red) and cold (blue) episodes based on a threshold of ± 0.5 °C for the Oceanic Niño Index (ONI) [3 month running mean of ERSST.v3b SST anomalies in the Niño 3.4 region (5N-5S, 120-170W)]. For historical purposes El Niño and La Niña episodes are defined when the threshold is met for a minimum of 5 consecutive over-lapping seasons.

Year	DJF	JFM	FMA	MAM	AMJ	MJJ	JJA	JAS	ASO	SON	OND	NDJ
2002	-0.2	0.0	0.1	0.3	0.5	0.7	0.8	0.8	0.9	1.2	1.3	1.3
2003	1.1	0.8	0.4	0.0	-0.2	-0.1	0.2	0.4	0.4	0.4	0.4	0.3
2004	0.3	0.2	0.1	0.1	0.2	0.3	0.5	0.7	0.8	0.7	0.7	0.7
2005	0.6	0.4	0.3	0.3	0.3	0.3	0.2	0.1	0.0	-0.2	-0.5	-0.8
2006	-0.9	-0.7	-0.5	-0.3	0.0	0.1	0.2	0.3	0.5	0.8	1.0	1.0
2007	0.7	0.3	-0.1	-0.2	-0.3	-0.3	-0.4	-0.6	-0.8	-1.1	-1.2	-1.4
2008	-1.5	-1.5	-1.2	-0.9	-0.7	-0.5	-0.3	-0.2	-0.1	-0.2	-0.5	-0.7
2009	-0.8	-0.7	-0.5	-0.2	0.2	0.4	0.5	0.6	0.8	1.1	1.4	1.6
2010	1.6	1.3	1.0	0.6	0.1	-0.4	-0.9	-1.2	-1.4	-1.5	-1.5	-1.5
2011	-1.4	-1.2	-0.9	-0.6	-0.3	-0.2	-0.2	-0.4	-0.6	-0.8	-1.0	-1.0
2012	-0.9	-0.6	-0.5	-0.3	-0.2	0.0	0.1	0.4	0.5	0.6	0.2	-0.3
2013	-0.6	-0.6	-0.4	-0.2	-0.2	-0.3	-0.3	-0.3	-0.3	-0.2	-0.3	-0.4
2014	-0.6	-0.6	-0.5	-0.1	0.1	0.1						

During July 2014, above-average sea surface temperatures (SST) continued in the far eastern equatorial Pacific, but near average SSTs prevailed in the central and east-central equatorial Pacific. Most of the Niño indices decreased toward the end of the July.

Most models favor El Niño (greater than or equal to $+0.5^{\circ}\text{C}$) to develop in the next several months and persist through Northern Hemisphere winter 2014-15.



A strong El Niño is not favored in any of the ensemble averages, and slightly more models call for a weak event rather than a moderate event.

CPC/IRI Probabilistic ENSO Outlook

At this time, the consensus of forecasters expects El Niño to emerge during August-October and to peak at weak strength during the late fall and early winter (3-month values of the Niño-3.4 index between 0.5°C and 0.9°C). The chance of El Niño has decreased to about 65% during the Northern Hemisphere fall and early winter.

