



Idaho Weather and Climate Outlook

IDWR Briefing, Dec 13th 2011

Jay Breidenbach and Troy Lindquist, NOAA National Weather Service

Snowpack/Fog Images

Recent Temperature and Precipitation Anomalies

La-Nina Status

Three Month Climate Outlook for Winter Months

Forecast for next 10 days

Valid time seq

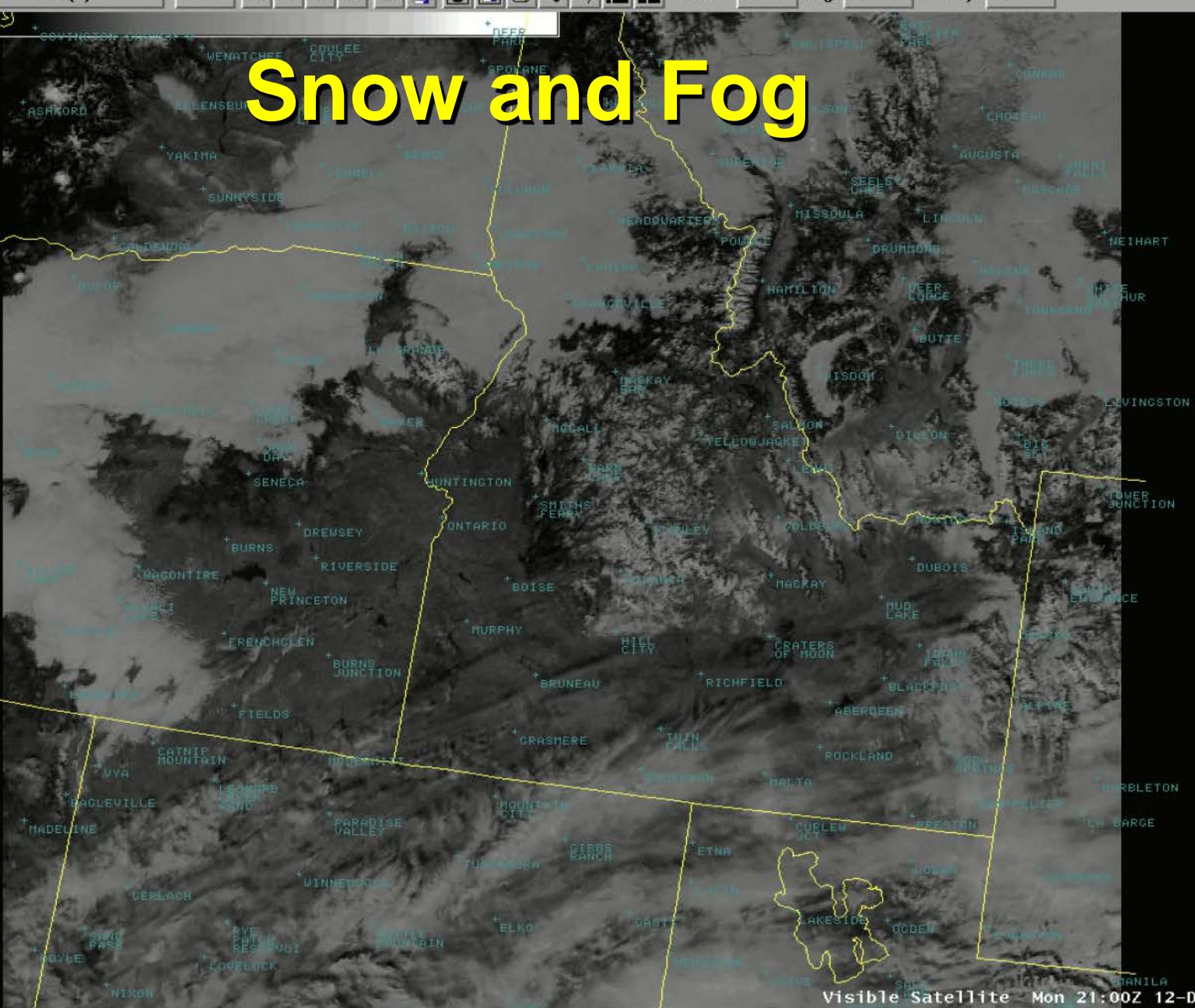
State(s)

Clear



Frames: 64 Mag: 1 Density: 1

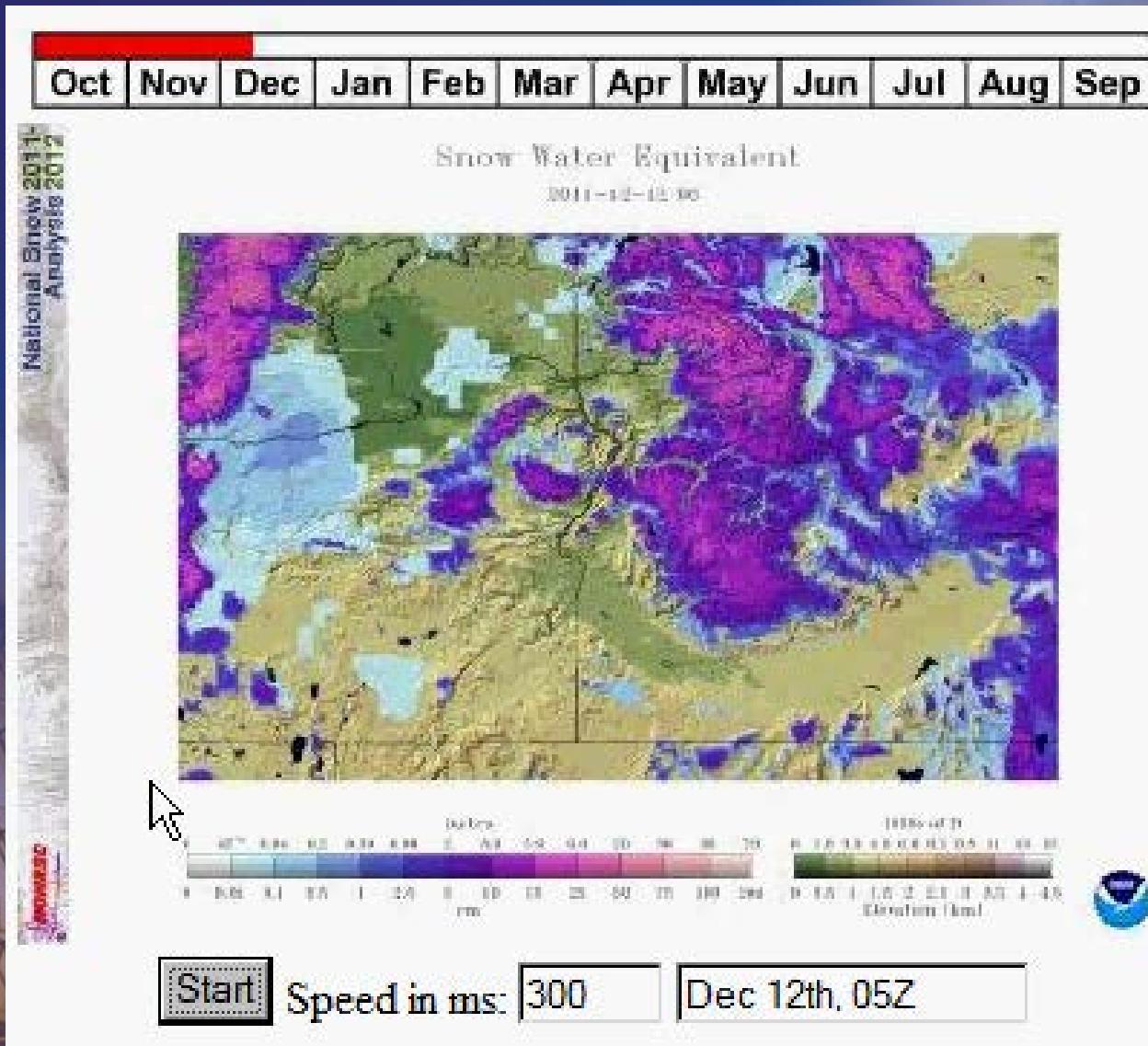
Snow and Fog





Snow Accumulation and Melt

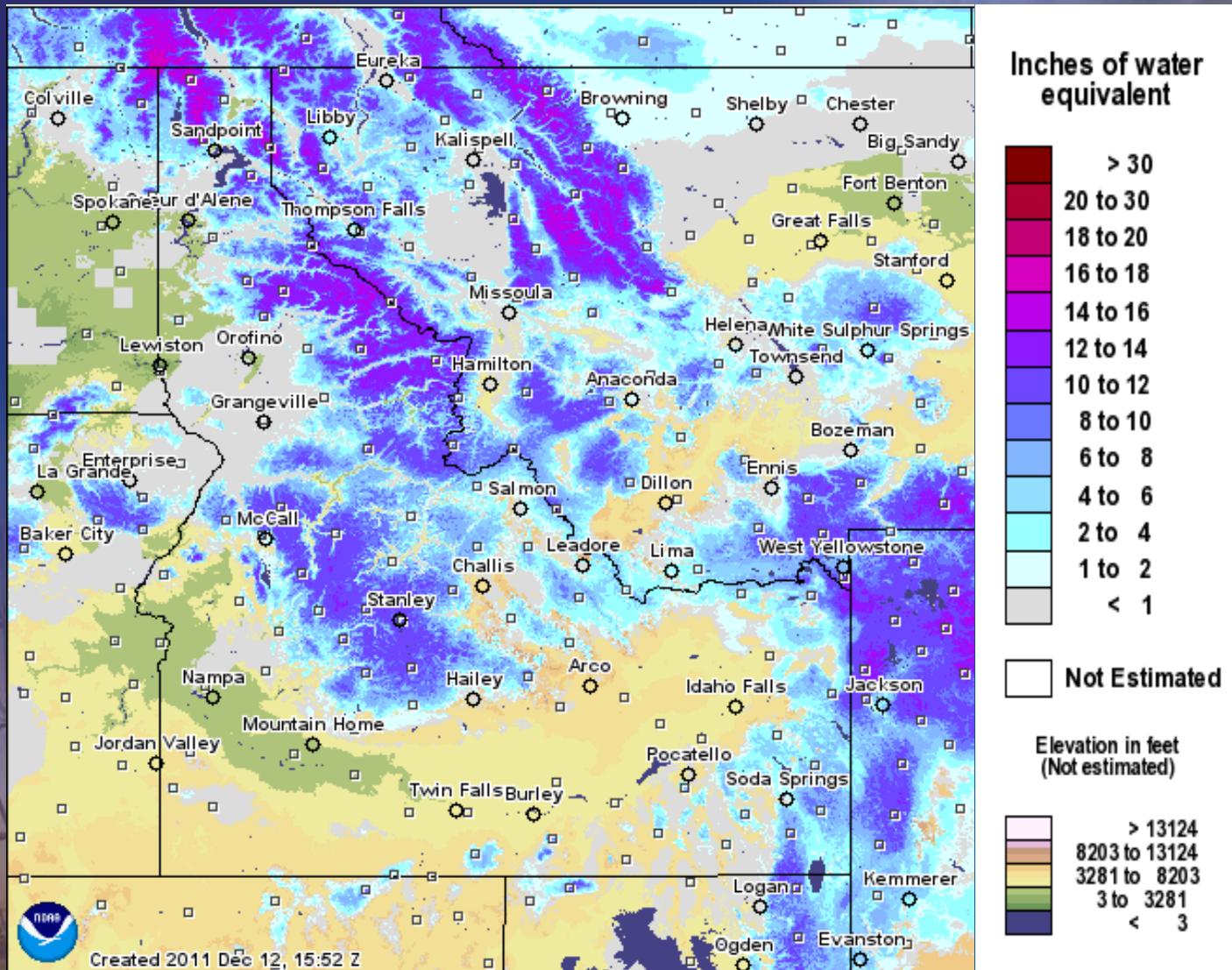
Oct 1st - Present





Snow Water Equivalent

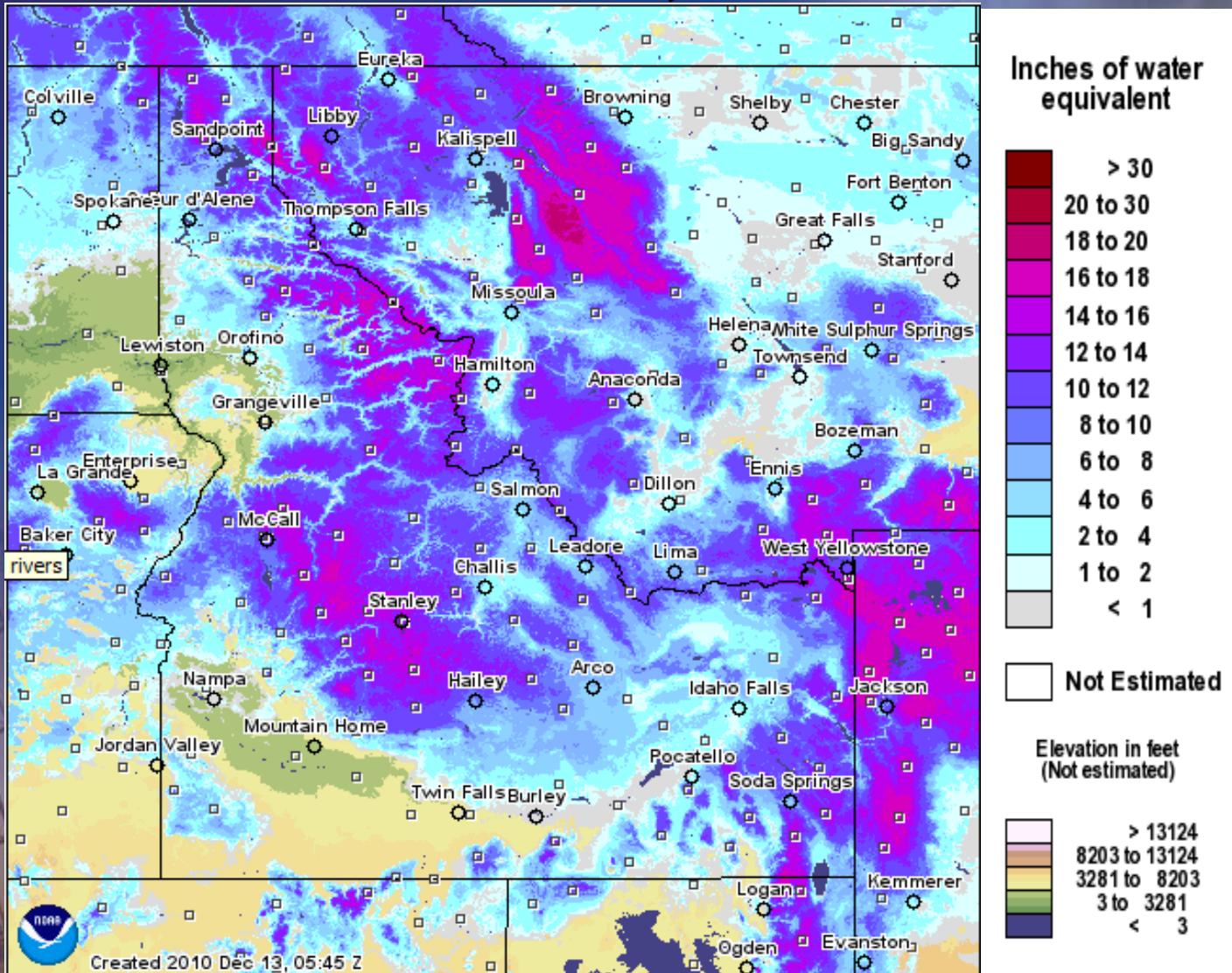
Dec 12th, 2011





Snow Water Equivalent

Dec 12th, 2010

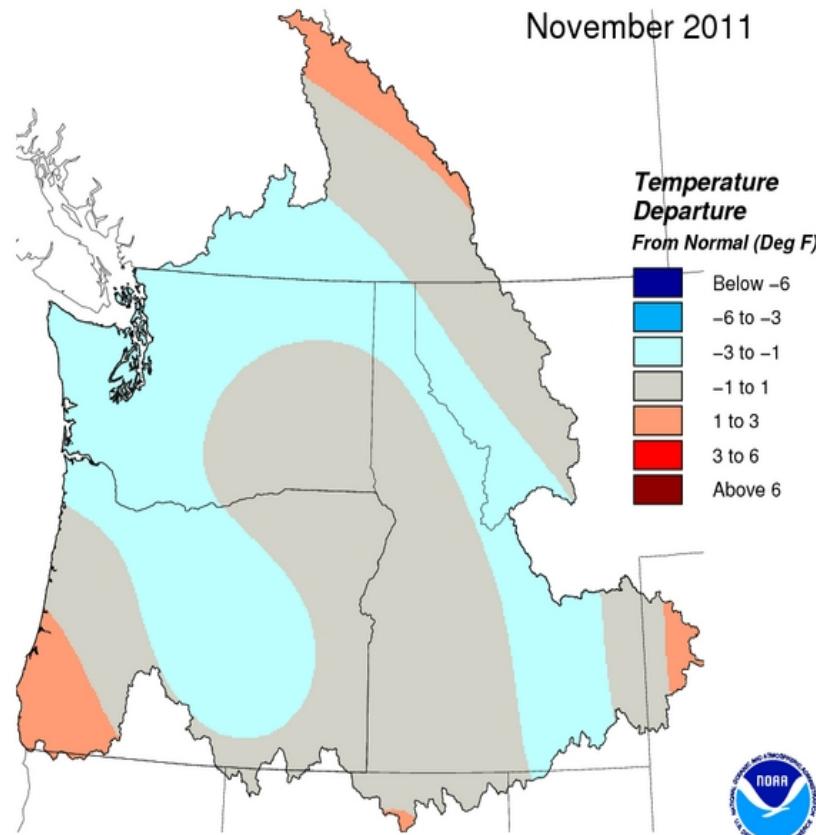




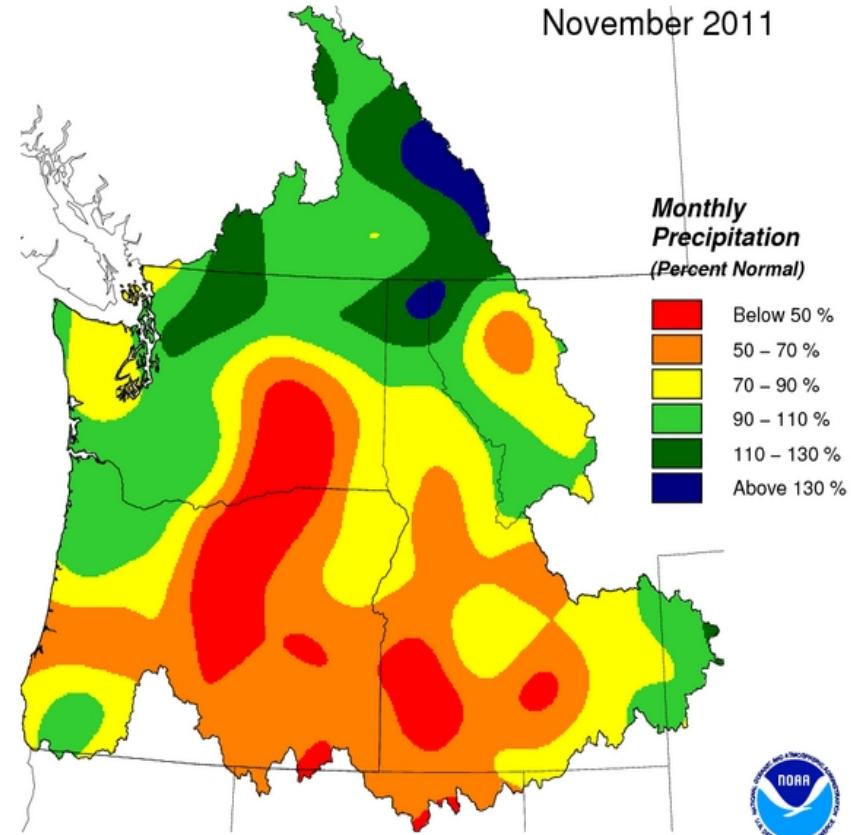
Temperature and Precipitation Anomalies

November 2011

Temperature Departure
November 2011

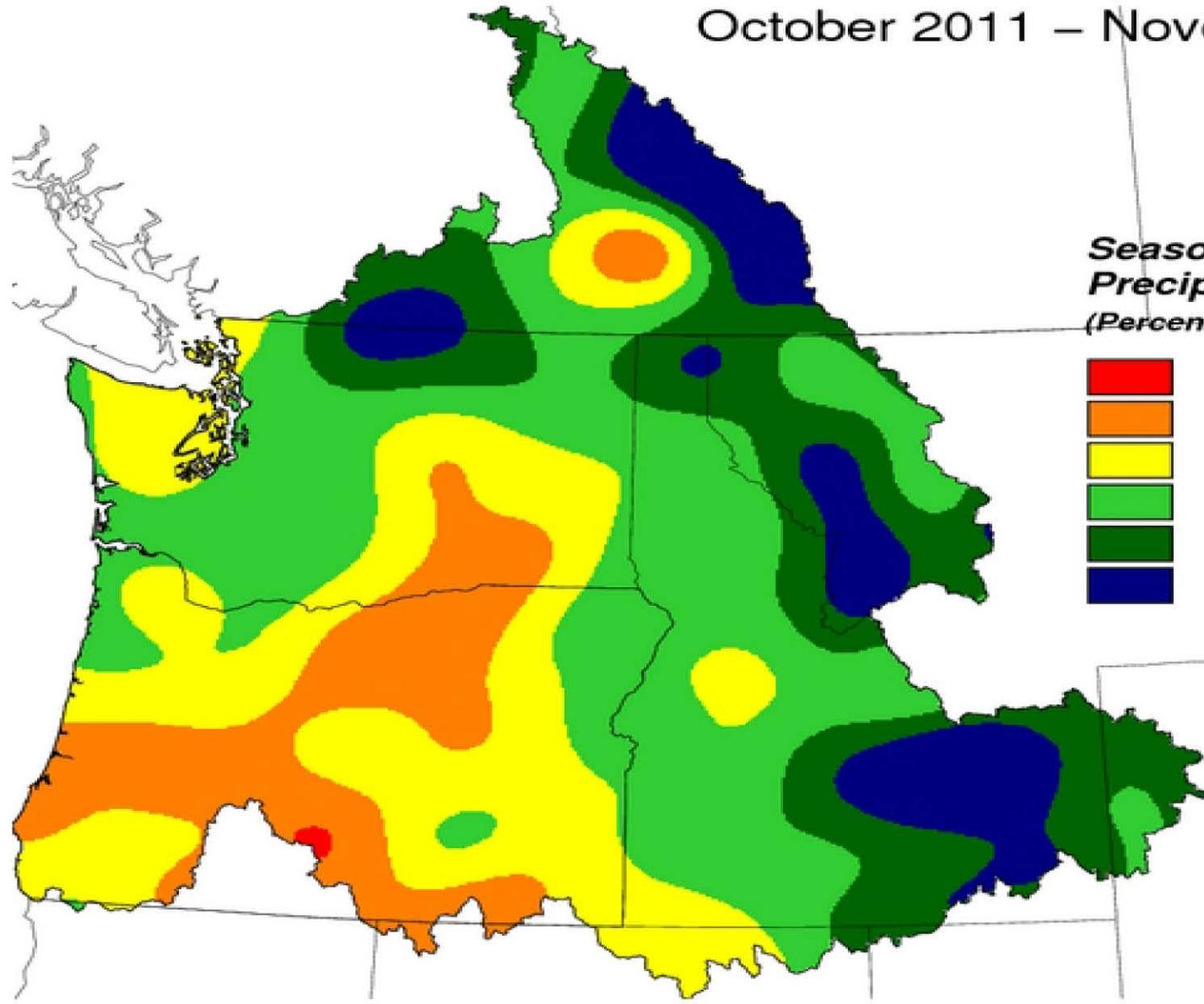


Monthly Precipitation
November 2011



Seasonal Precipitation

October 2011 – November 2011



*Seasonal
Precipitation
(Percent Normal)*

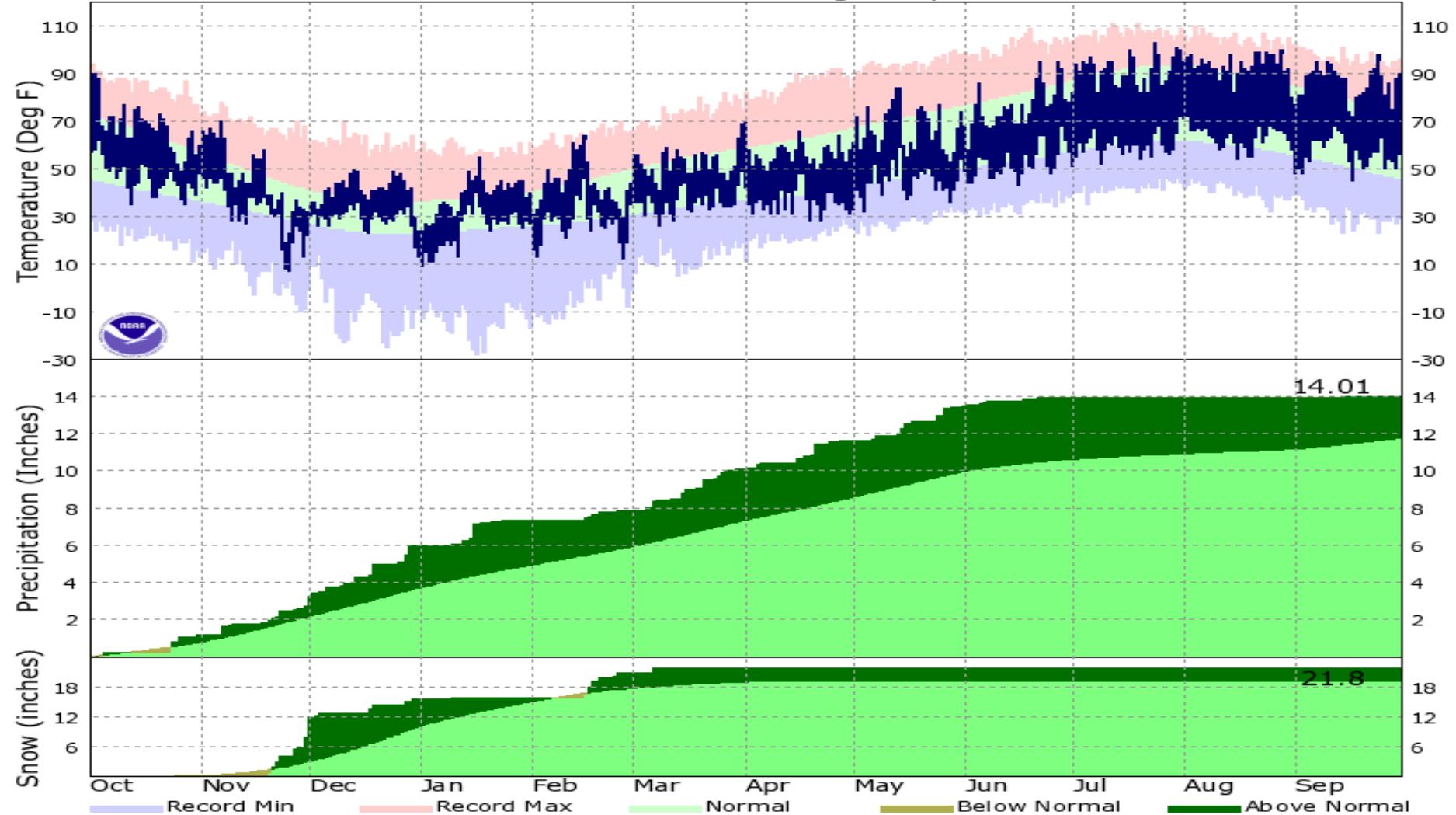
- Below 50 %
- 50 – 70 %
- 70 – 90 %
- 90 – 110 %
- 110 – 130 %
- Above 130 %





Temperature and Precipitation at Boise

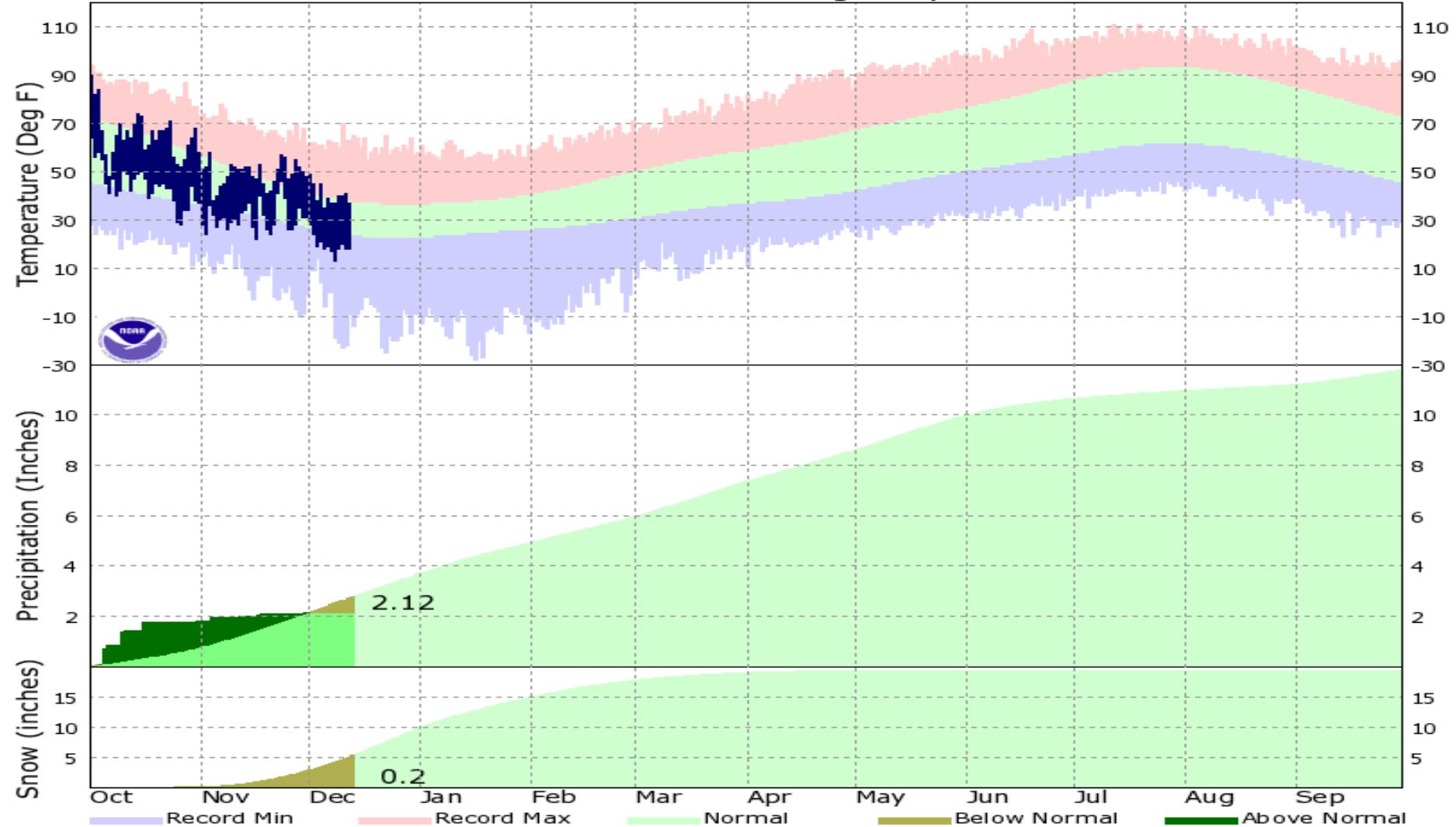
KBOI - Oct 2010 Through Sep 2011





Temperature and Precipitation at Boise

KBOI - Oct 2011 Through Sep 2012

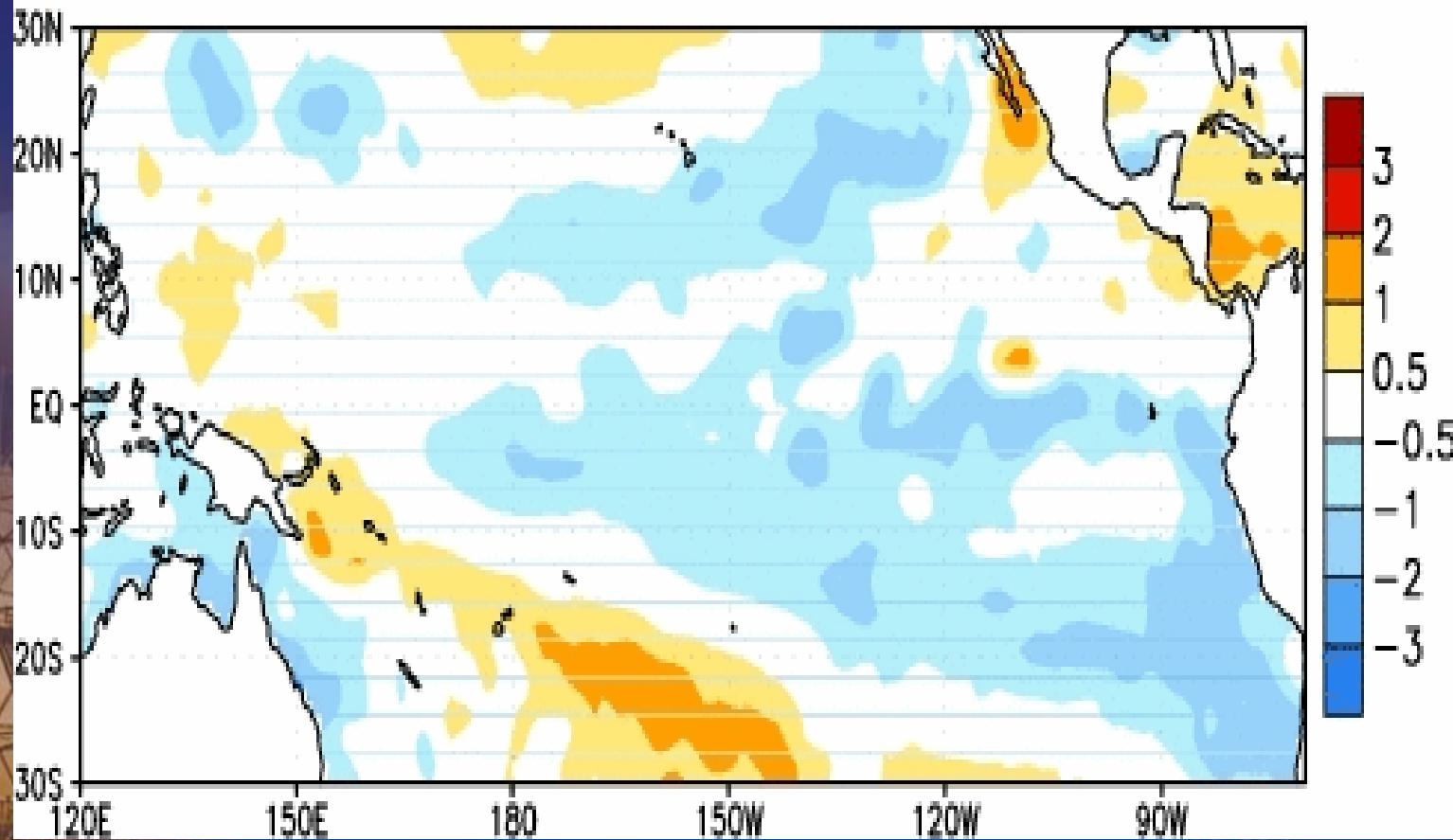




La-Nina Continues

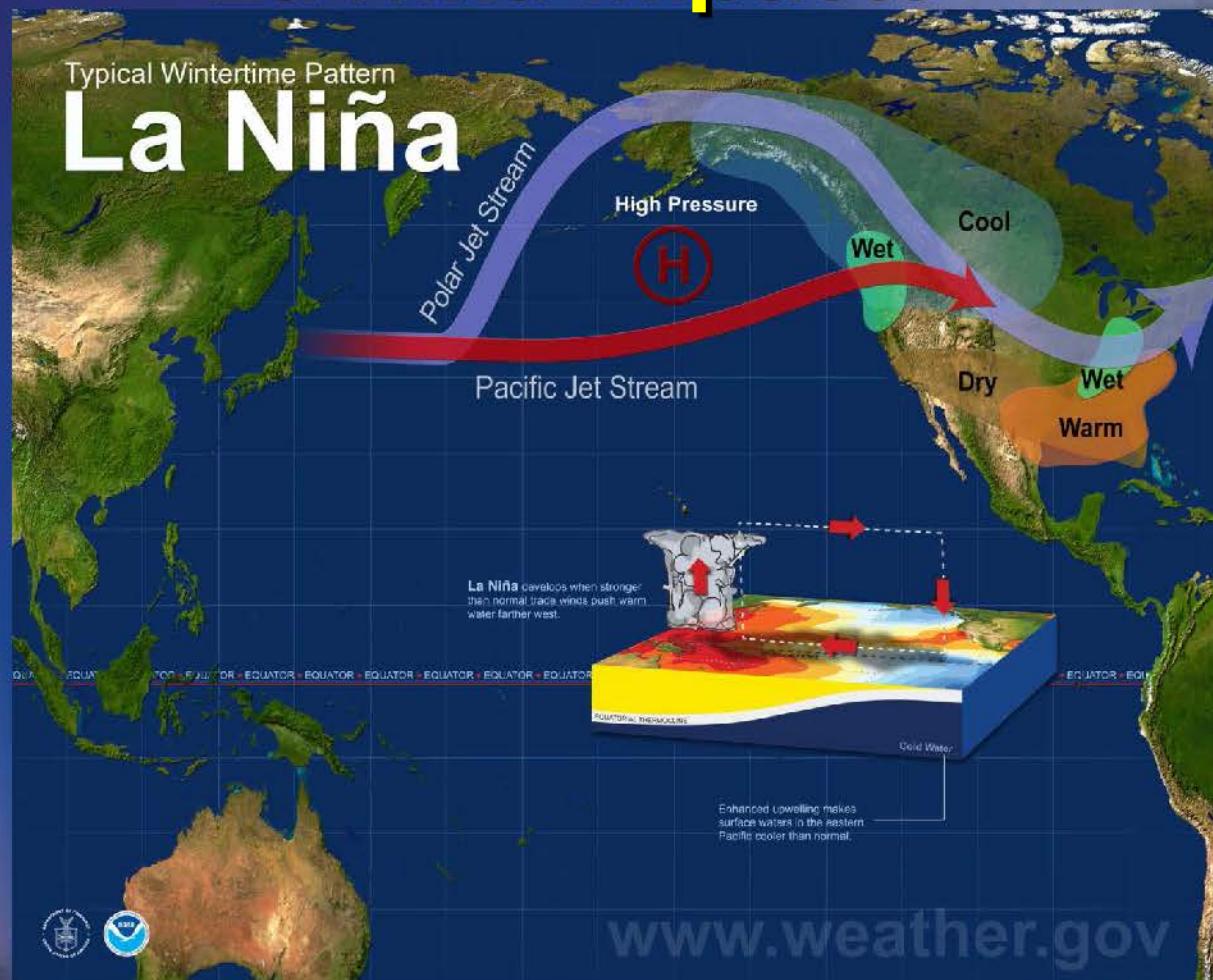
Week centered on 14 SEP 2011

SST Anomalies ($^{\circ}$ C)





Typical North American Winter La Niña Impacts



U.S. Winter Outlook

TEMPERATURE



COOLER

>40%

>33%

COOLER

EQUAL
CHANCES

EQUAL
CHANCES

>33%

>40%

WARMER

EQUAL
CHANCES

>40%

COOLER

EQUAL
CHANCES

EQUAL
CHANCES

EQUAL
CHANCES

TEMPERATURE PROBABILITY
DEC 2011 — FEB 2012

U.S. Winter Outlook

PRECIPITATION



WETTER

>50%

>40%

Probabilities

- Wetter
- Drier >33%
- Near Normal

EQUAL CHANCES

EQUAL CHANCES

DRIER

EQUAL CHANCES

DRIER

>50%

>40%

>33%

>40%

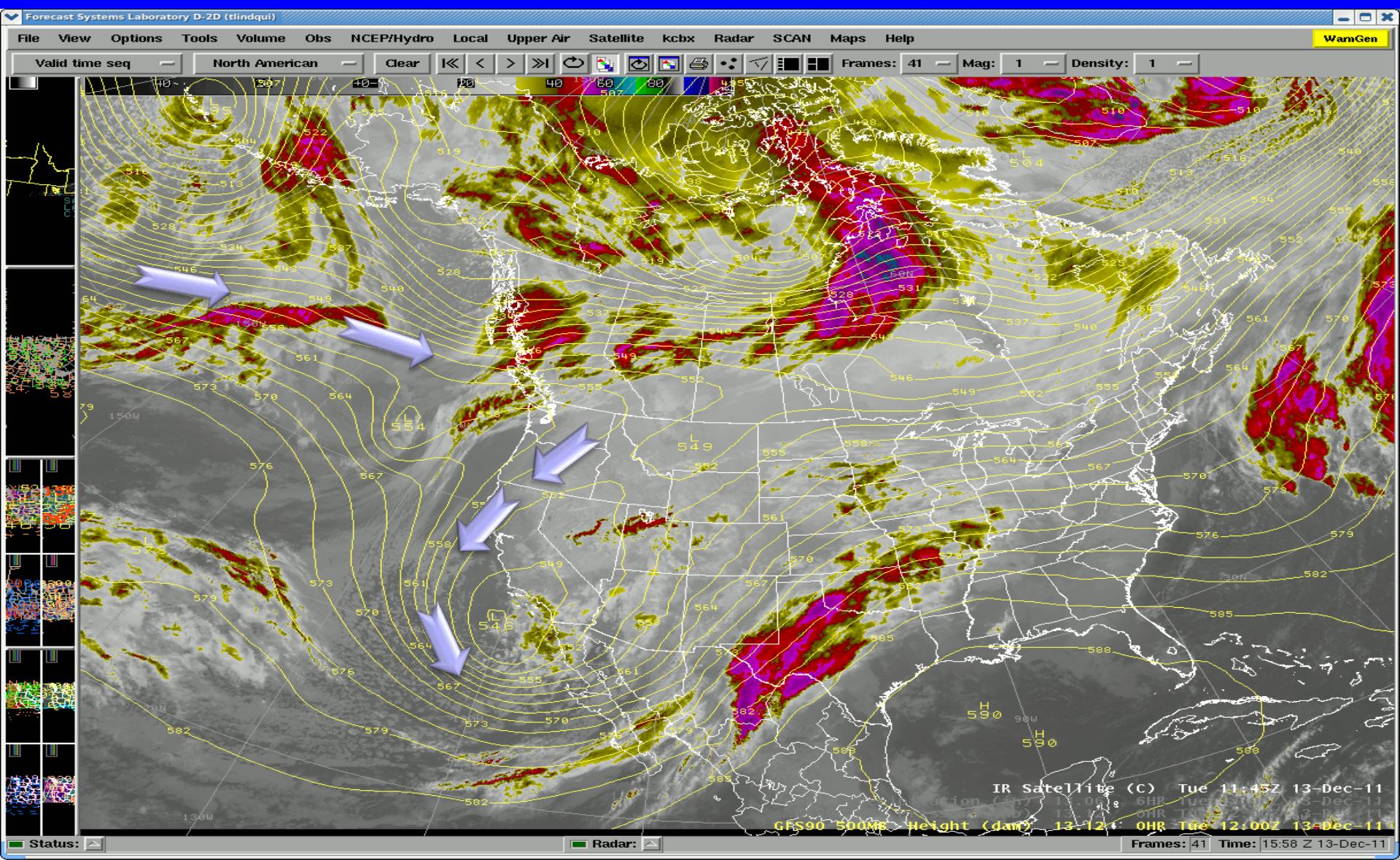
>50%

DRIER

PRECIPITATION PROBABILITY
DEC 2011 — FEB 2012

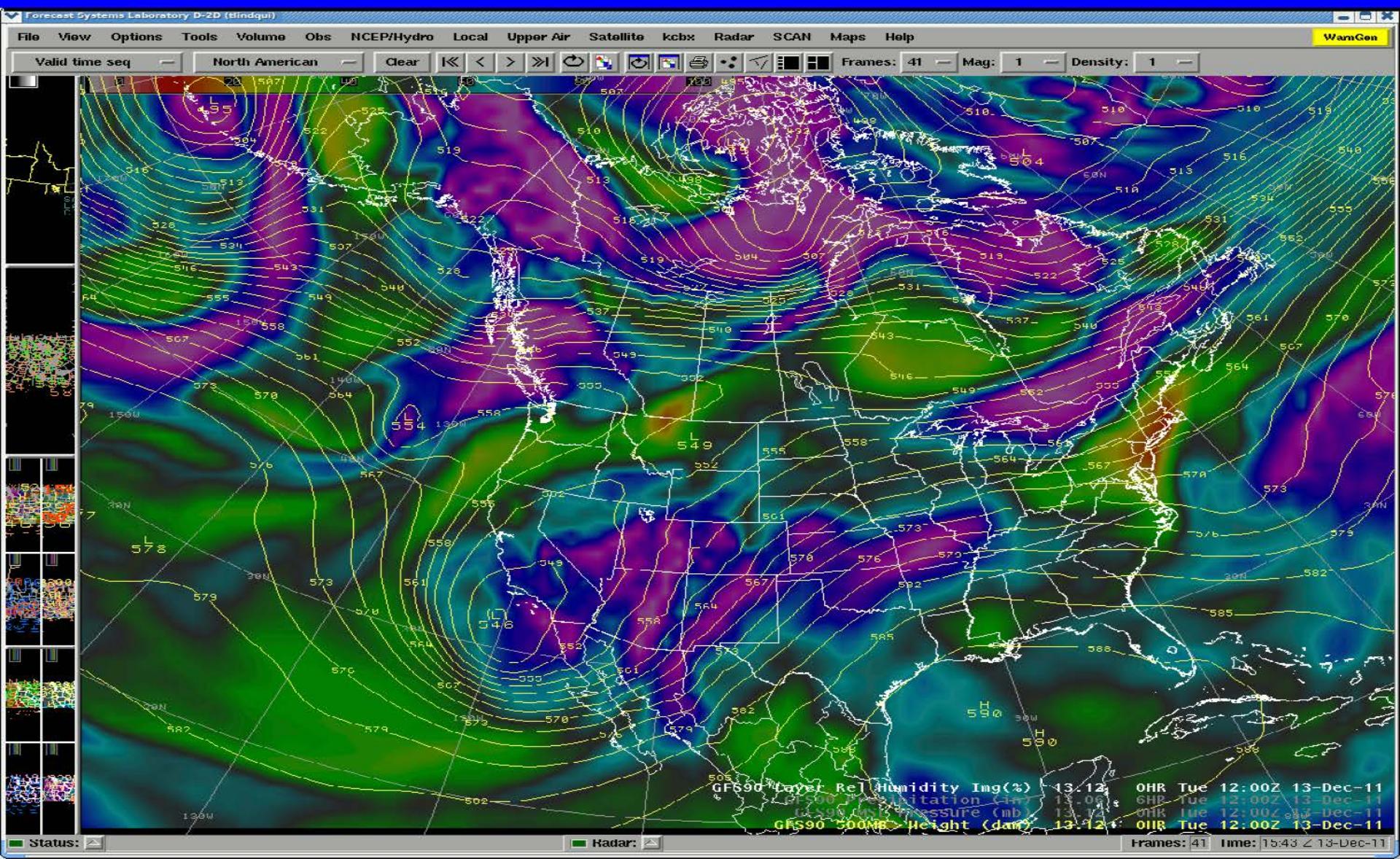
Tuesday - Dec 13th

IR Satellite Imagery / 500 mb heights



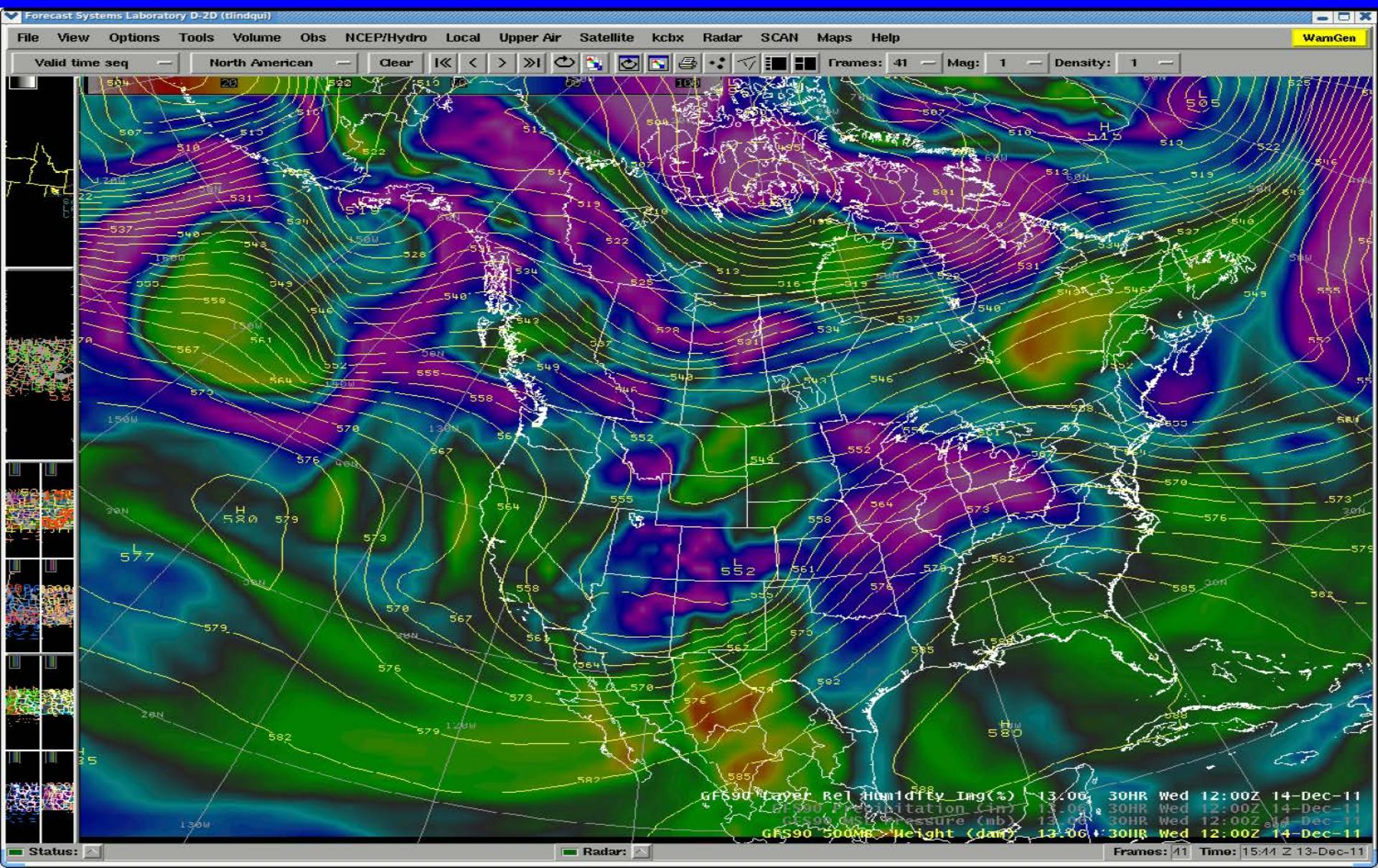
Tues, Dec 13th (Morning)

500 mb heights / model precipitation

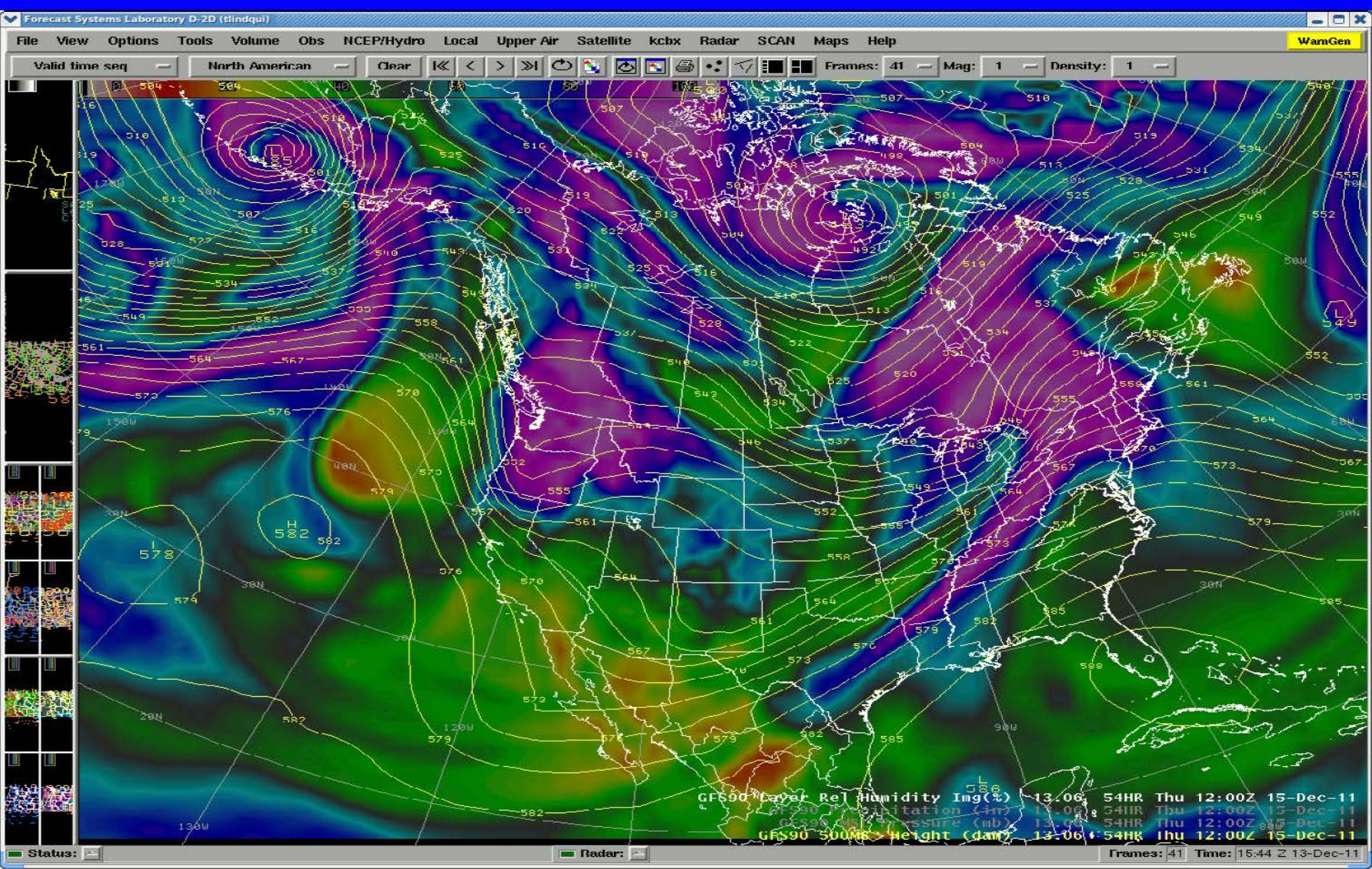


Wednesday, Dec 14th

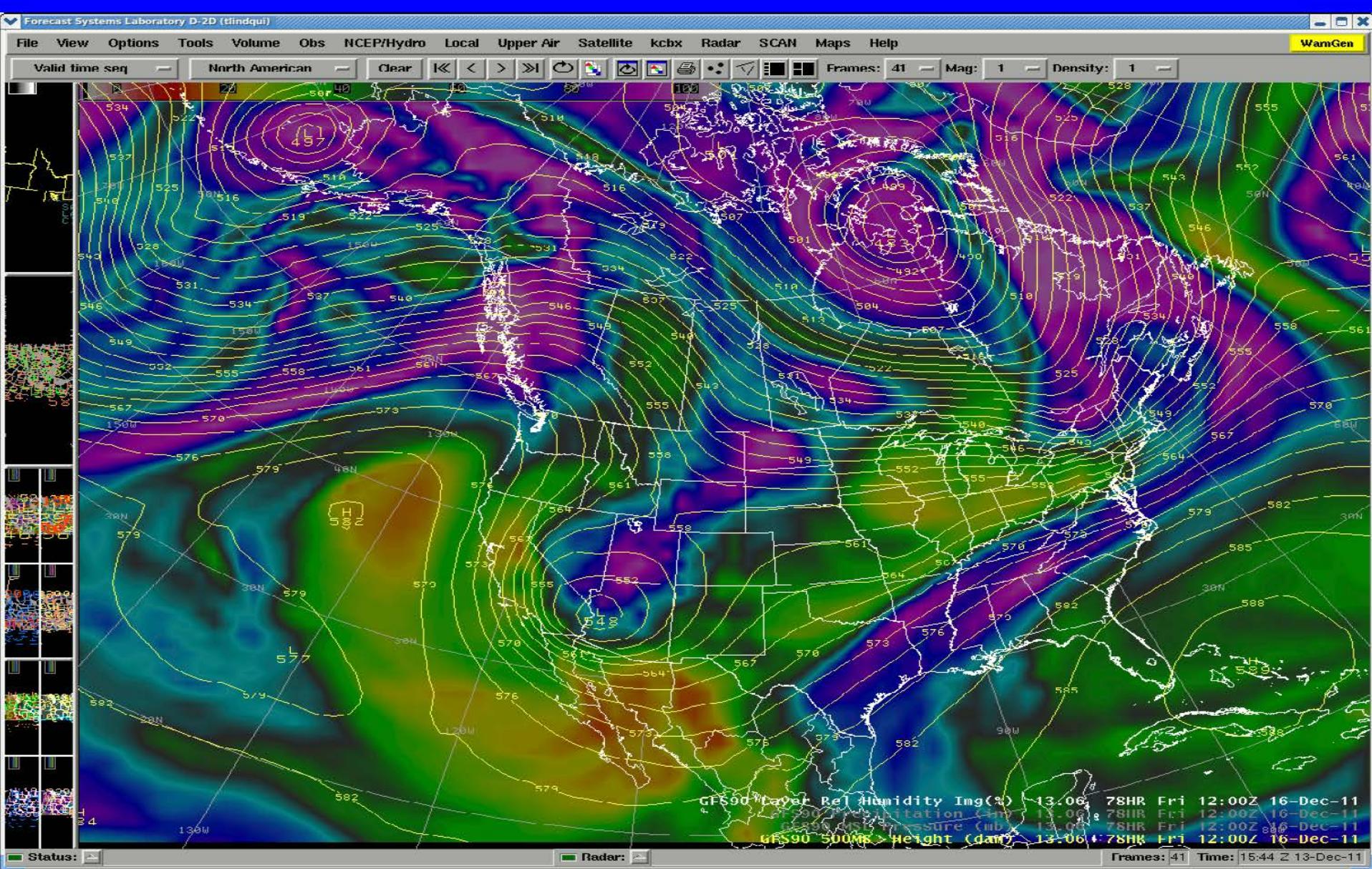
500 mb heights / model precipitation



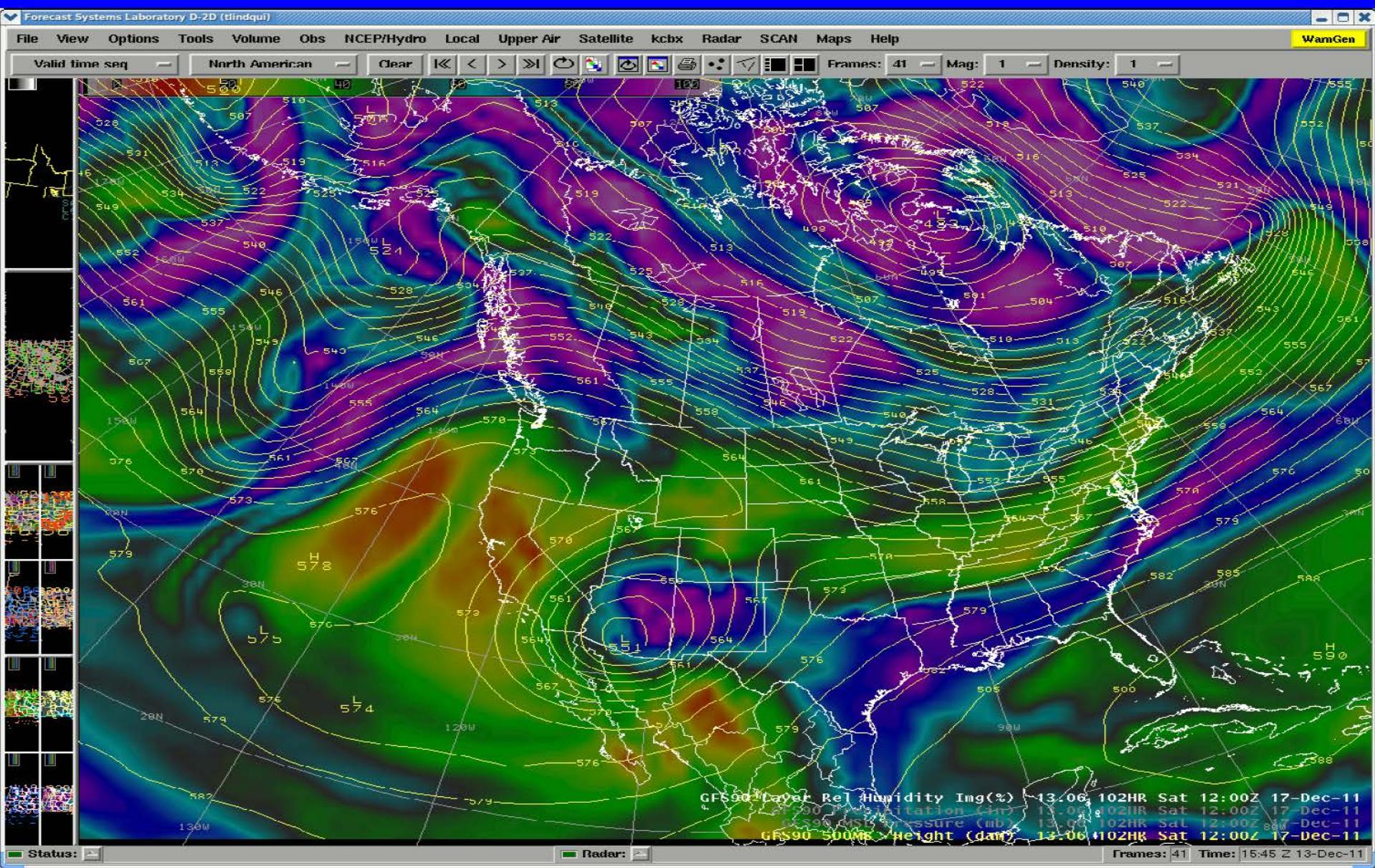
Thursday, December 15th



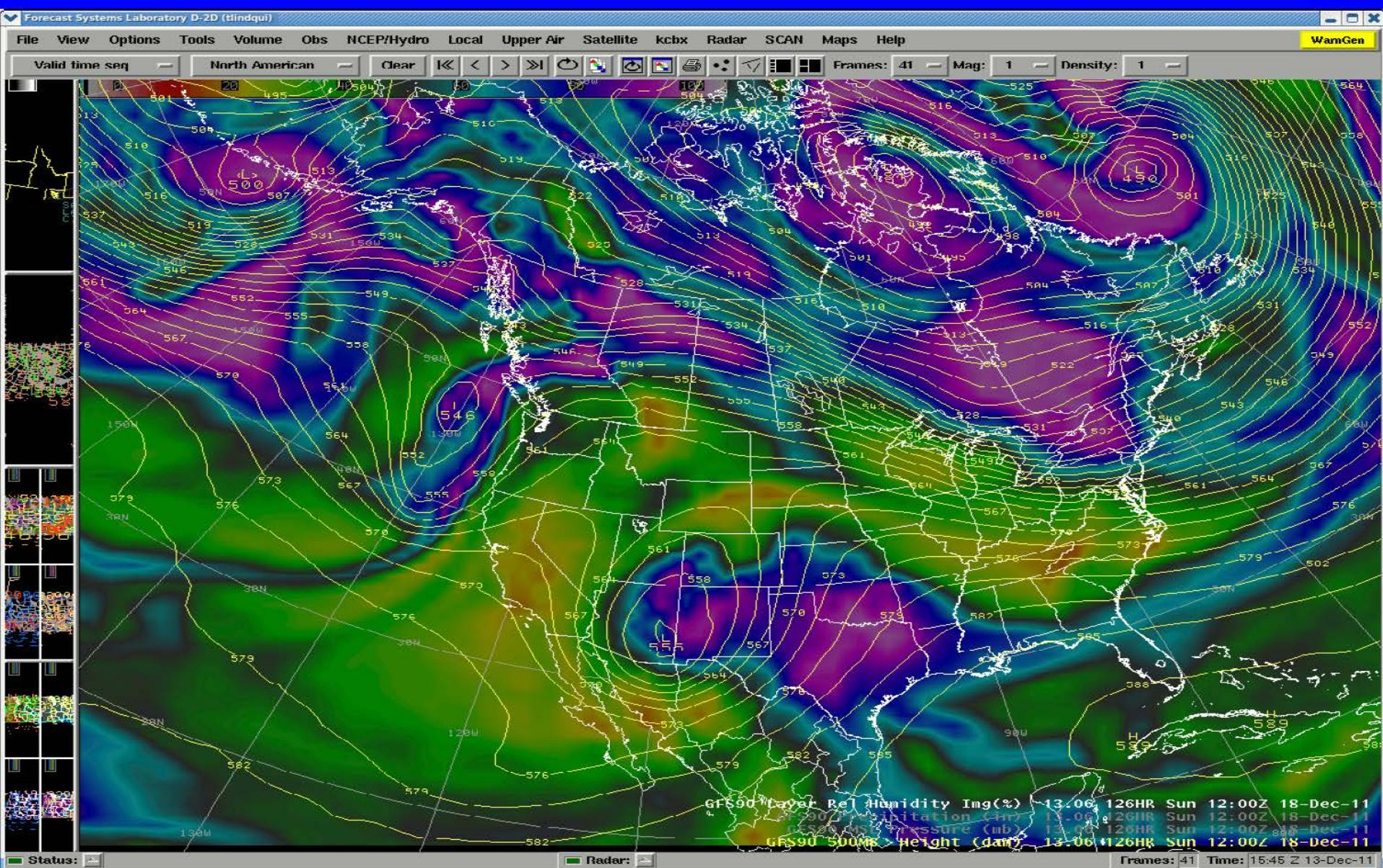
Friday, Dec 16th



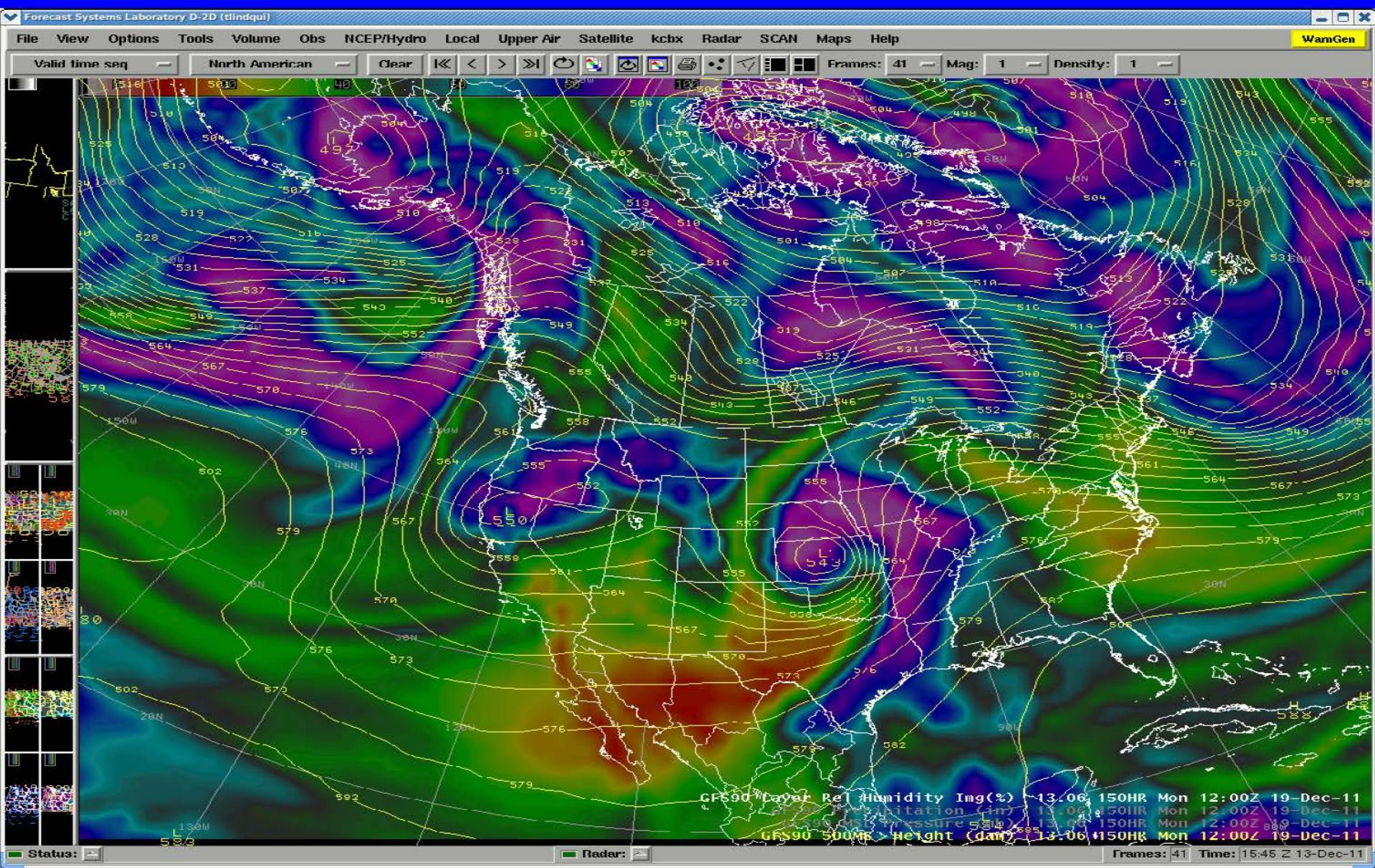
Saturday, Dec 17th



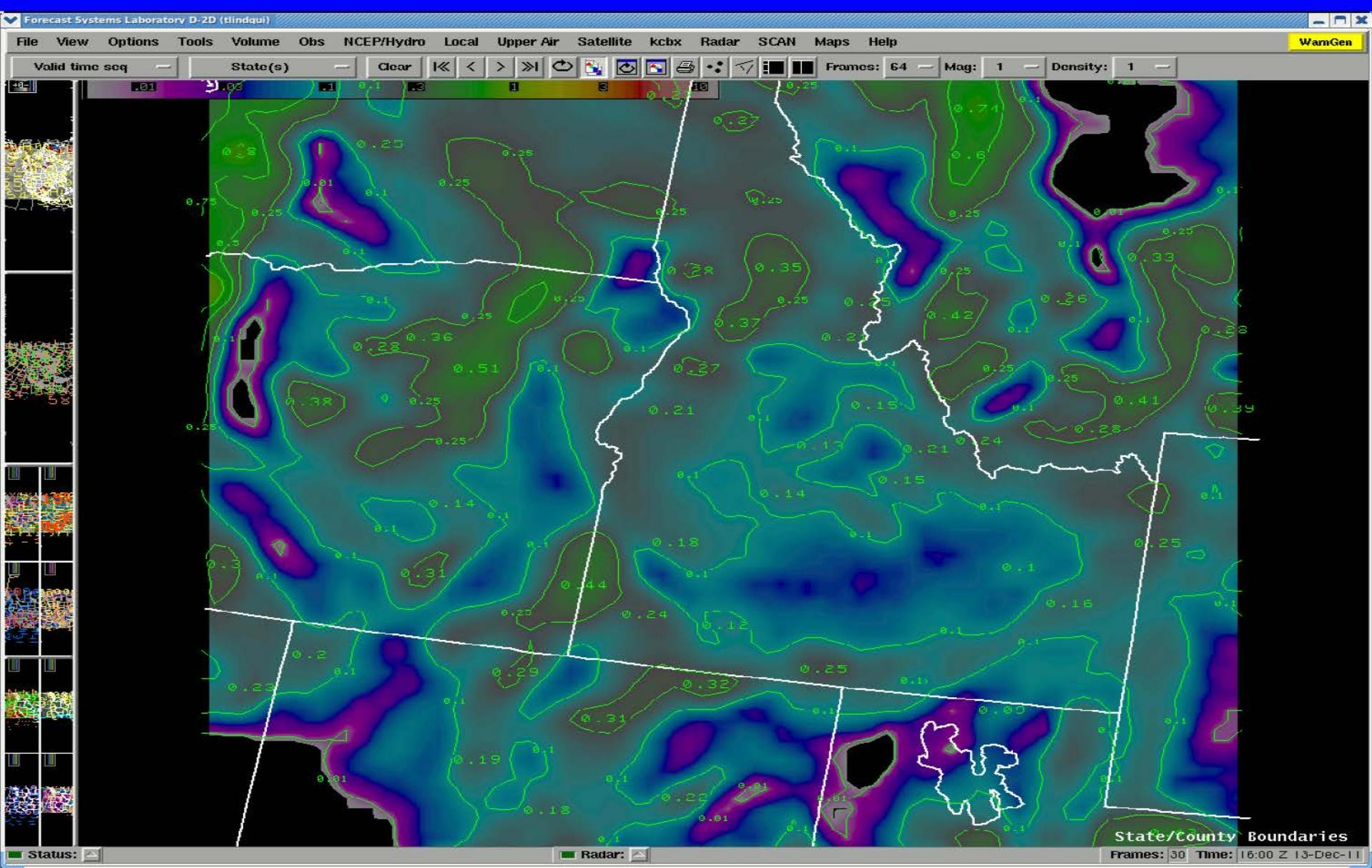
Sunday, Dec 18th



Monday, Dec 19th



Total Precipitation Ending Friday, Dec 16th





Current Information on Web

www.weather.gov/boise

www.nwrfc.noaa.gov