Idaho Weather, Climate and Water Supply Outlook

IDWR Briefing, Jan 14th 2010

Jay Breidenbach, NOAA National Weather Service

Snow Accumulation Movie

Temperature and Precipitation Anomalies

River Ice

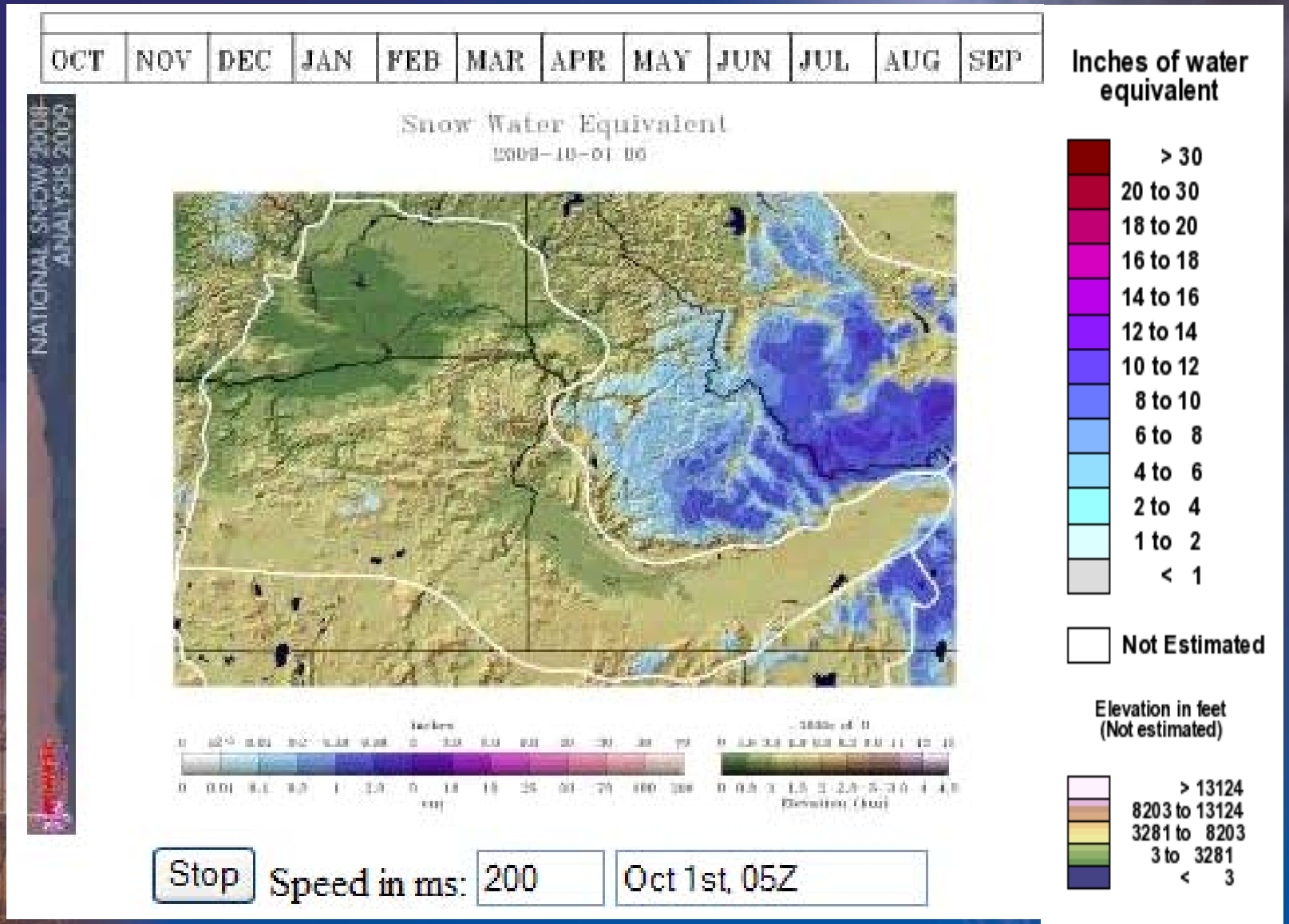
Forecast for next 10 days

El-Nino Status

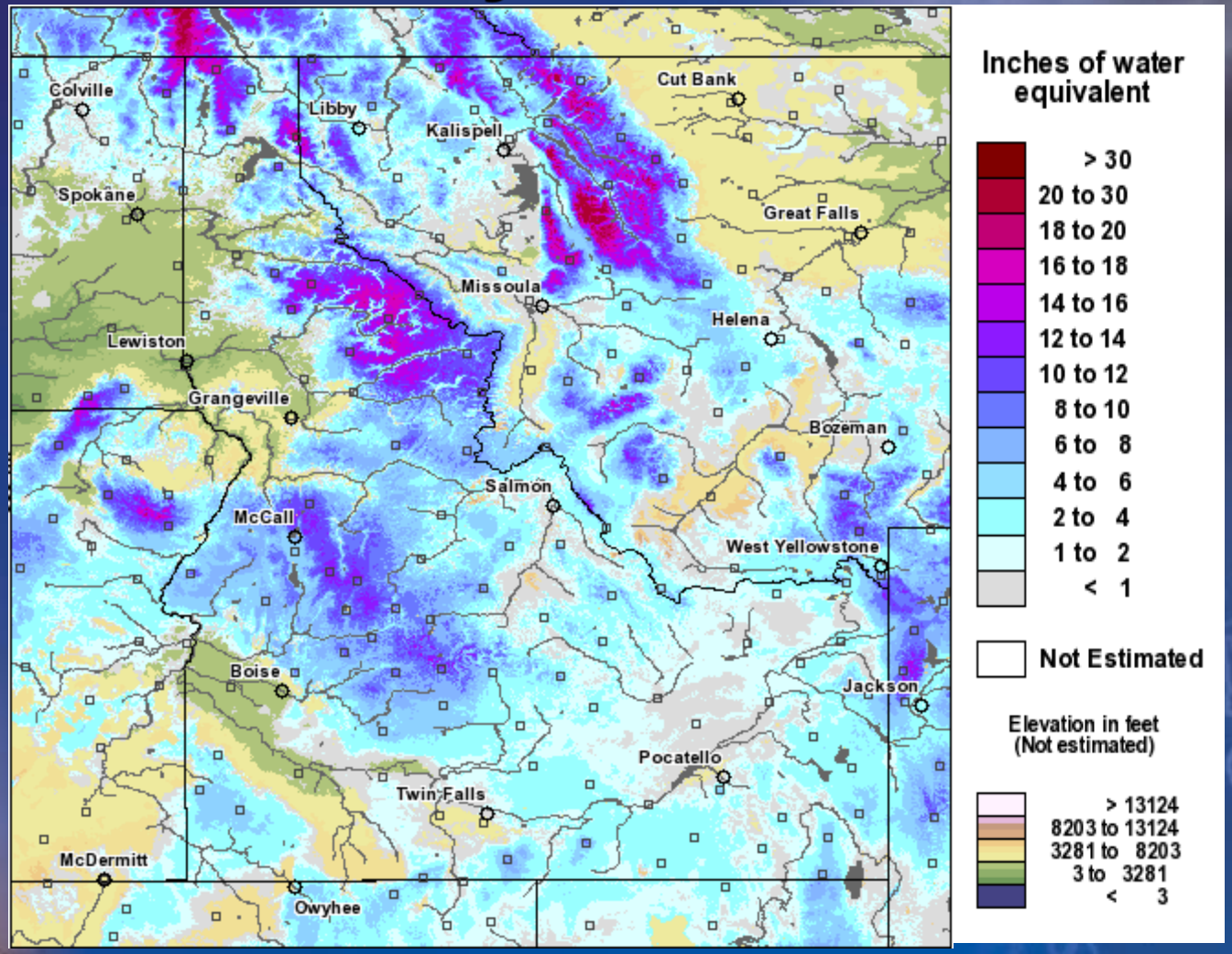
Three Month Climate Outlook

Water Supply Numbers and Drought Summary

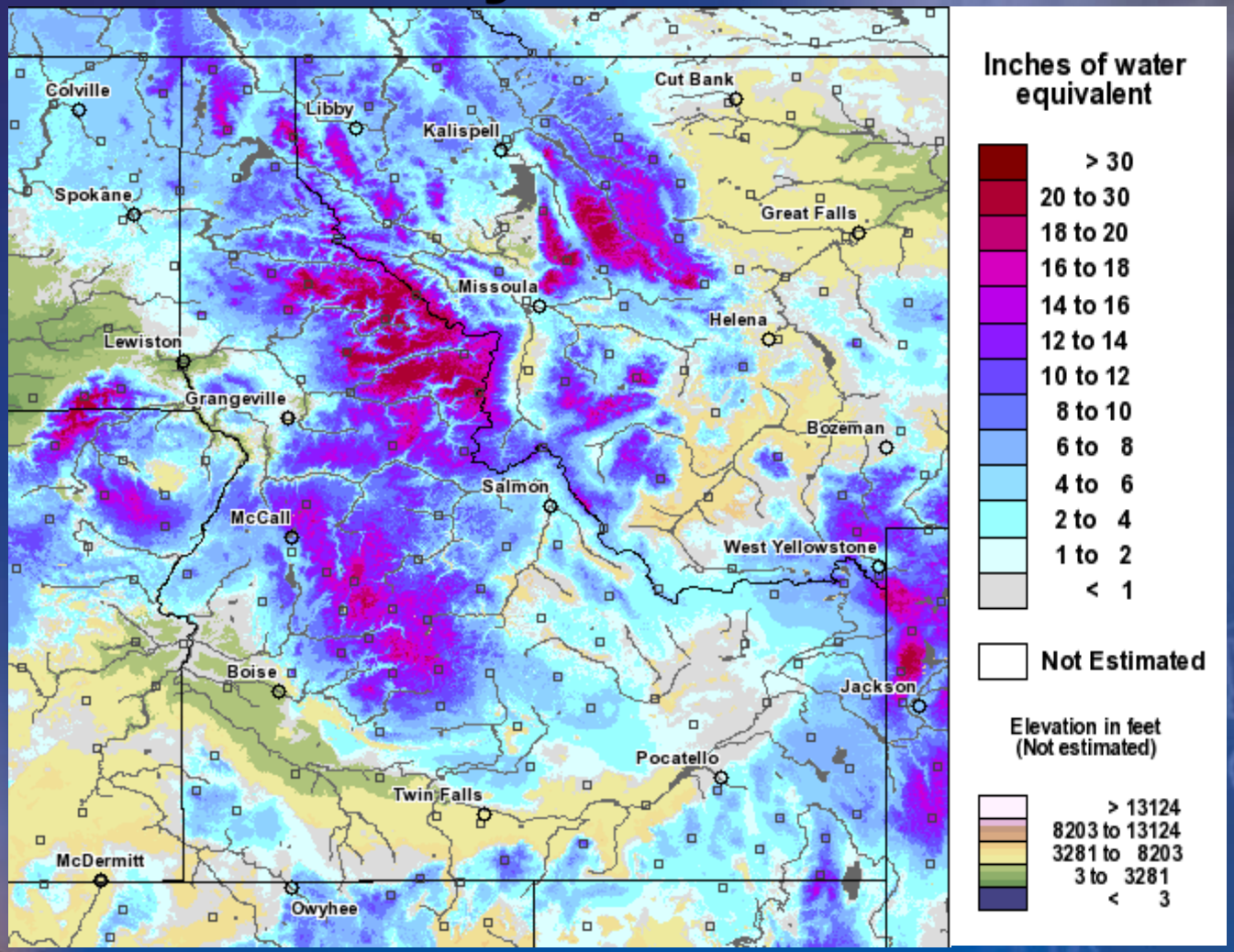
2009 Water Year
Snow Accumulation Movie

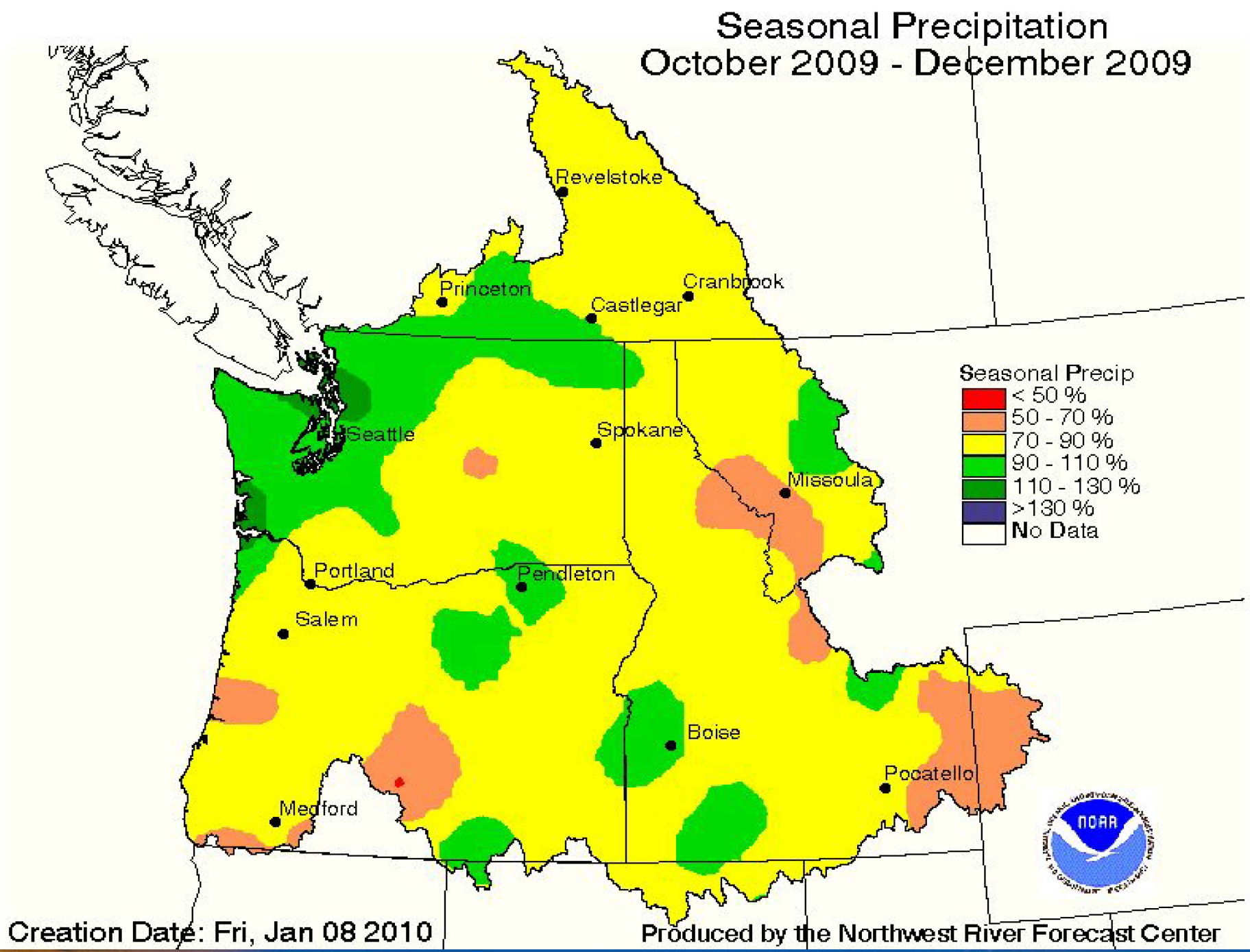


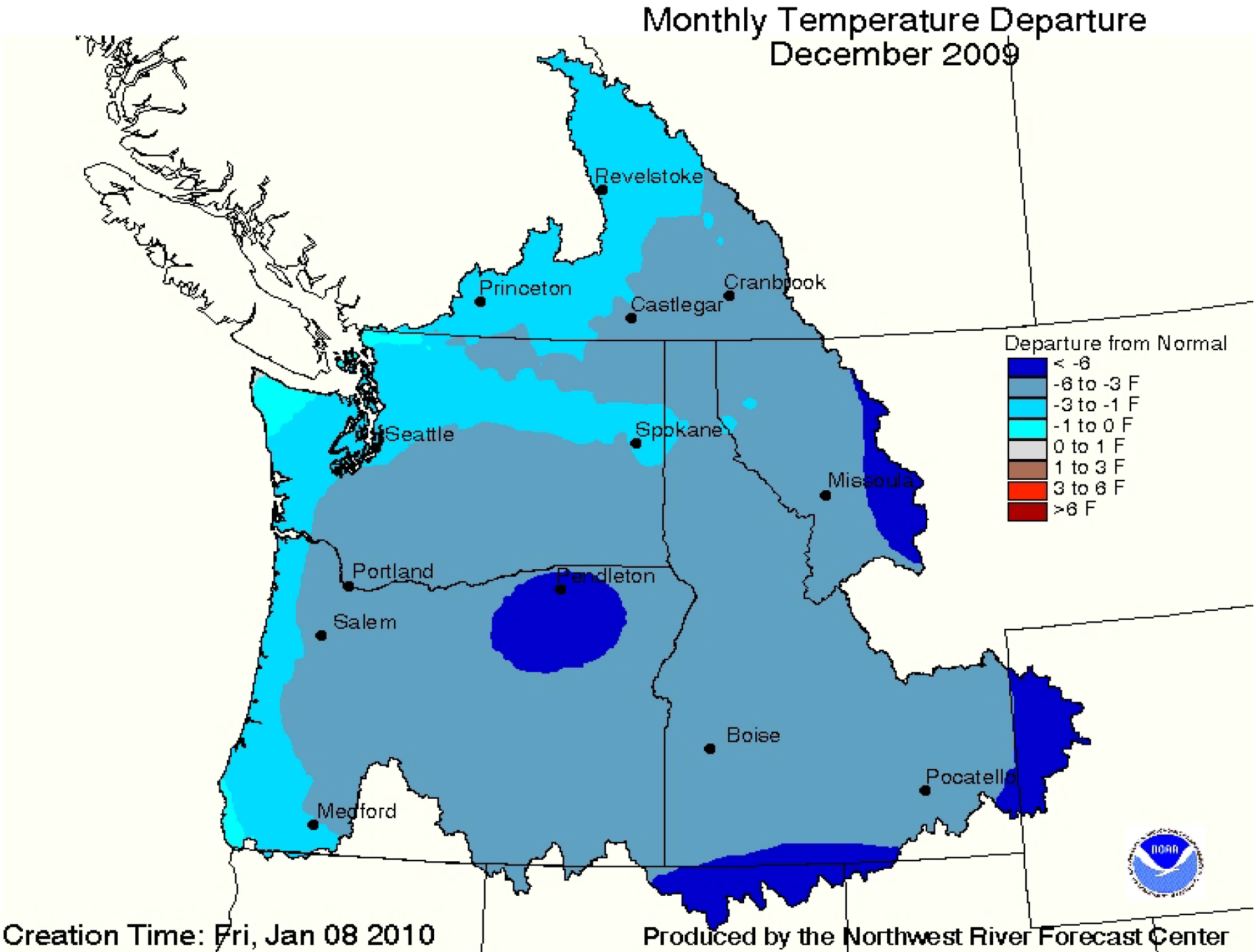
Snow Water Equivalent
January 13th, 2010



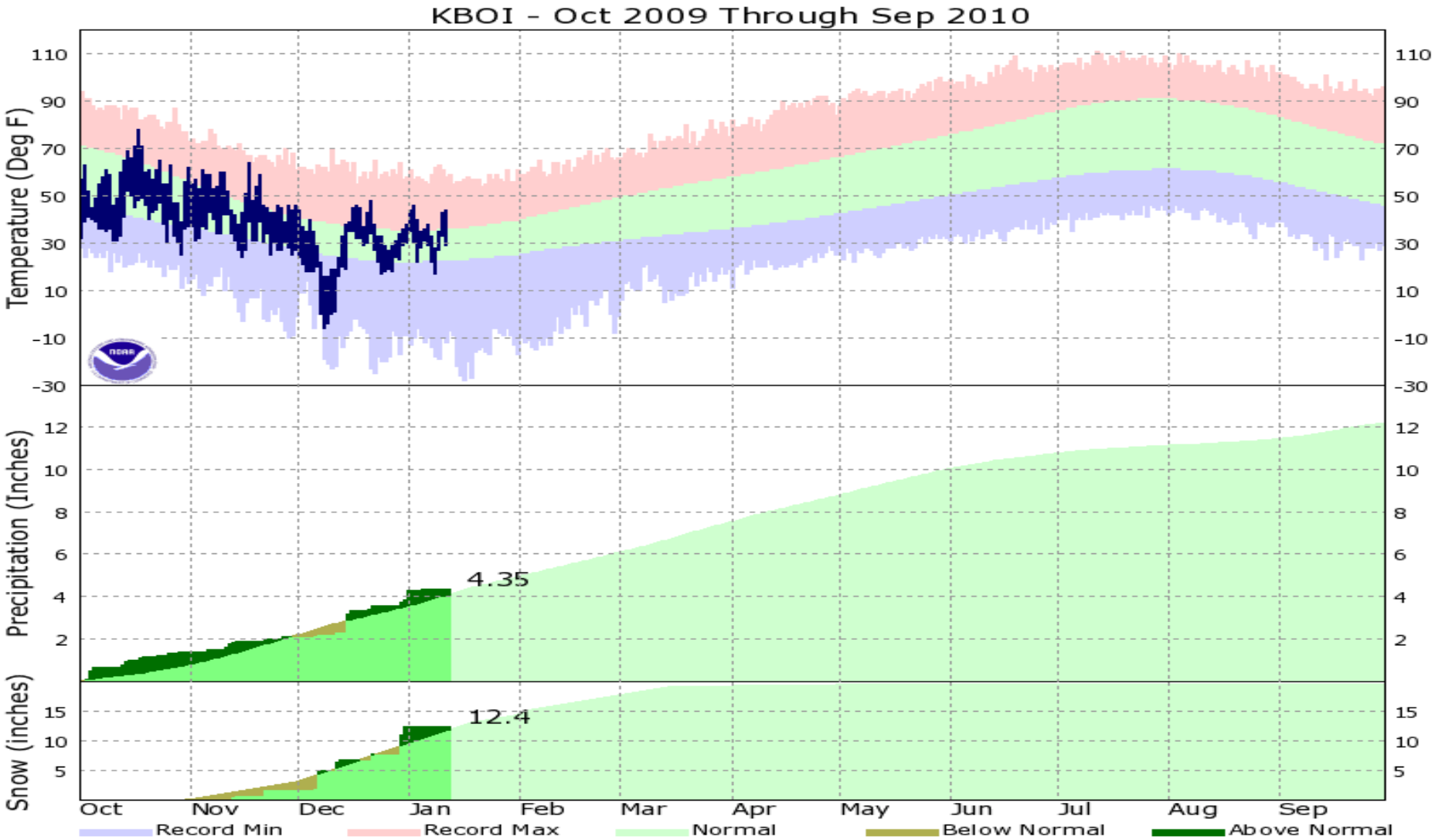
Snow Water Equivalent
January 13th, 2009




Seasonal Precipitation
October 2009 - December 2009
Revelstoke
Princeton
Cranbrook
Castlegar
Seattle
Spokane
Missoula
Portland
Pendleton
Salem
Boise
Pocatello
Medford
Seasonal Precip
< 50 %
50 - 70 %
70 - 90 %
90 - 110 %
110 - 130 %
>130 %
No Data
NOAA
Creation Date: Fri, Jan 08 2010
Produced by the Northwest River Forecast Center

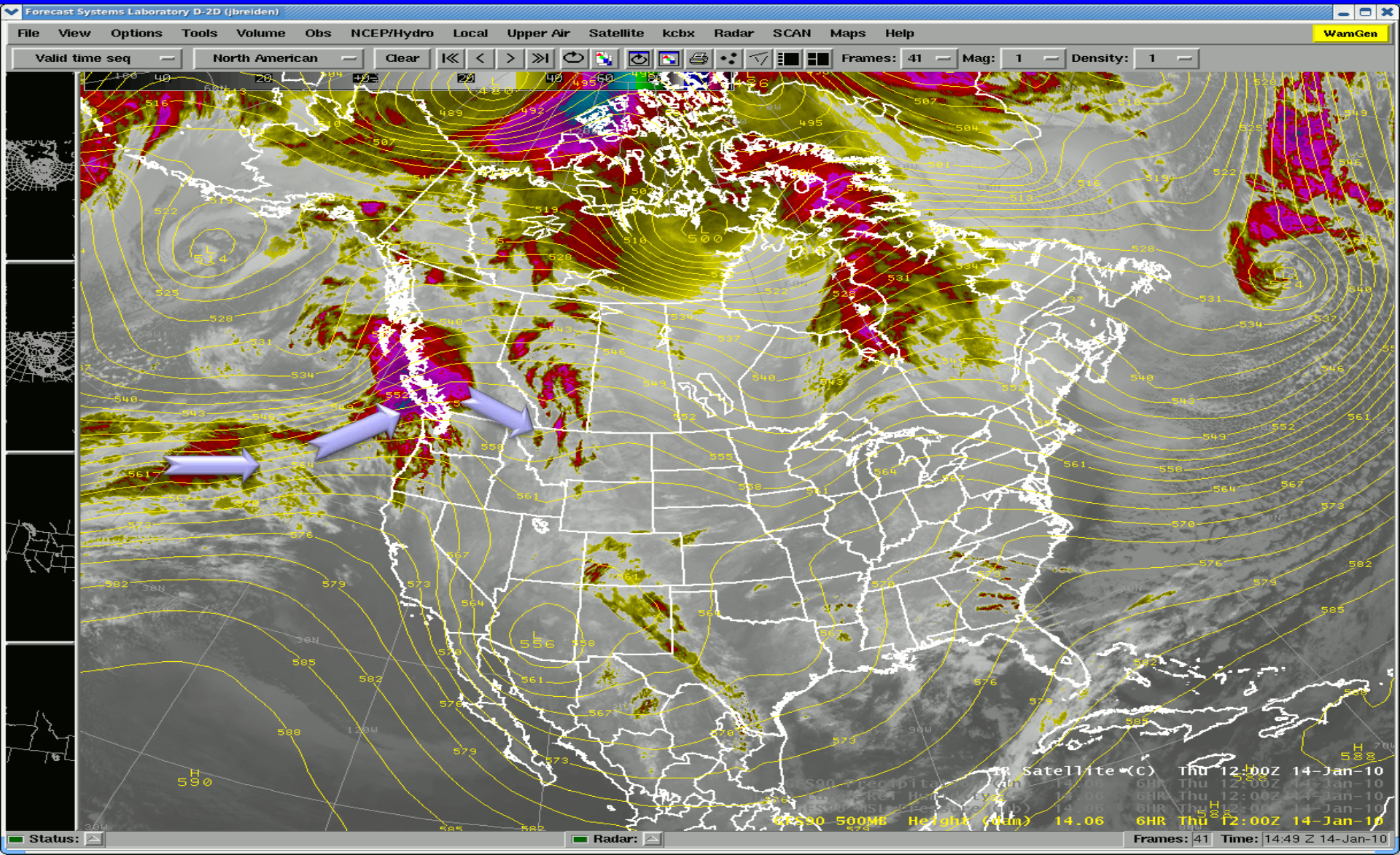

Monthly Temperature Departure
December 2009
Revelstoke
Princeton
Cranbrook
Castlegar
Seattle
Spokane
Missoula
Portland
Pendleton
Salem
Boise
Pocatello
Medford
Departure from Normal
< -6
-6 to -3 F
-3 to -1 F
-1 to 0 F
0 to 1 F
1 to 3 F
3 to 6 F
>6 F
Creation Time: Fri, Jan 08 2010
Produced by the Northwest River Forecast Center

Temperature and Precipitation at Boise

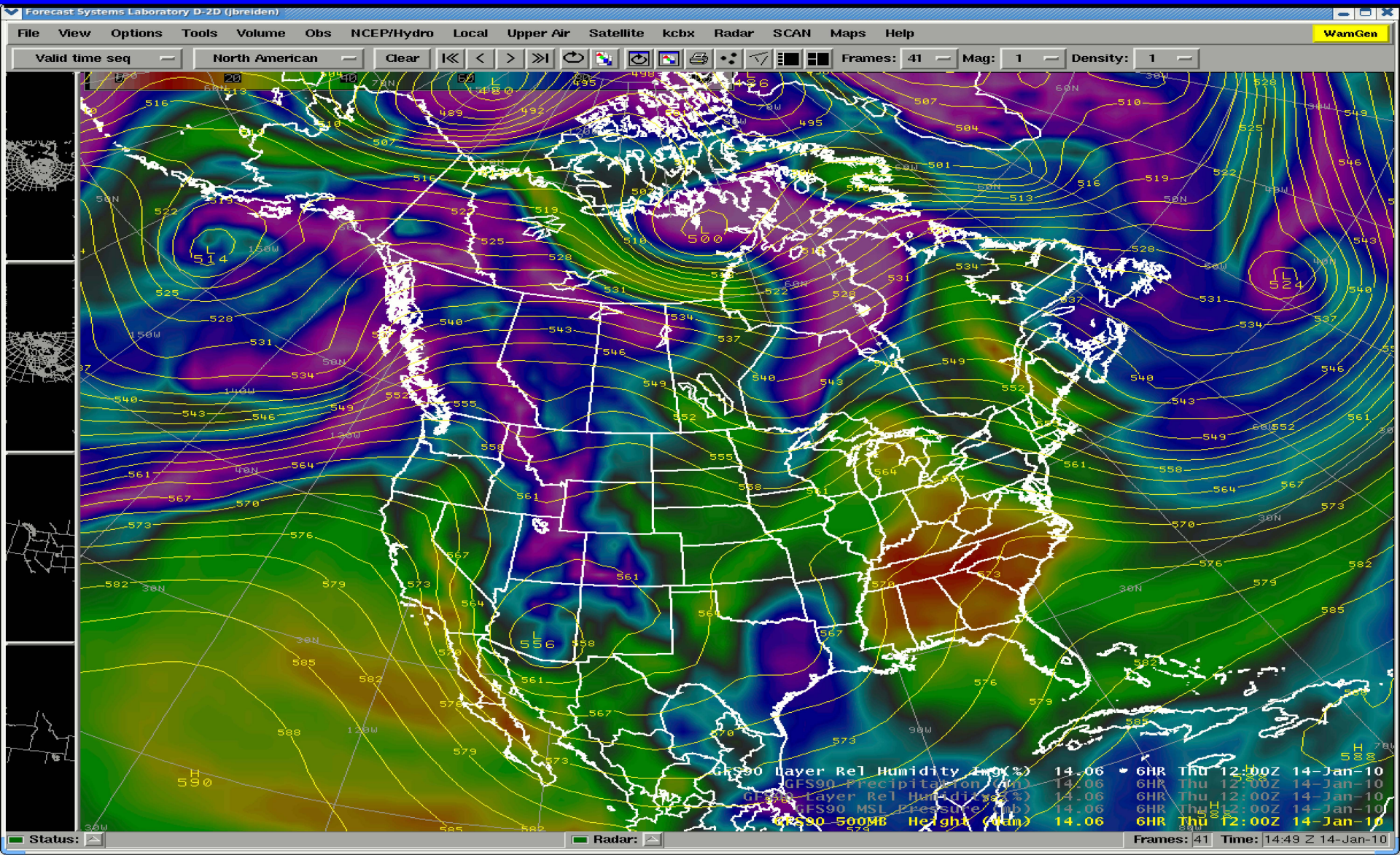


Salmon River Between Salmon and North Fork

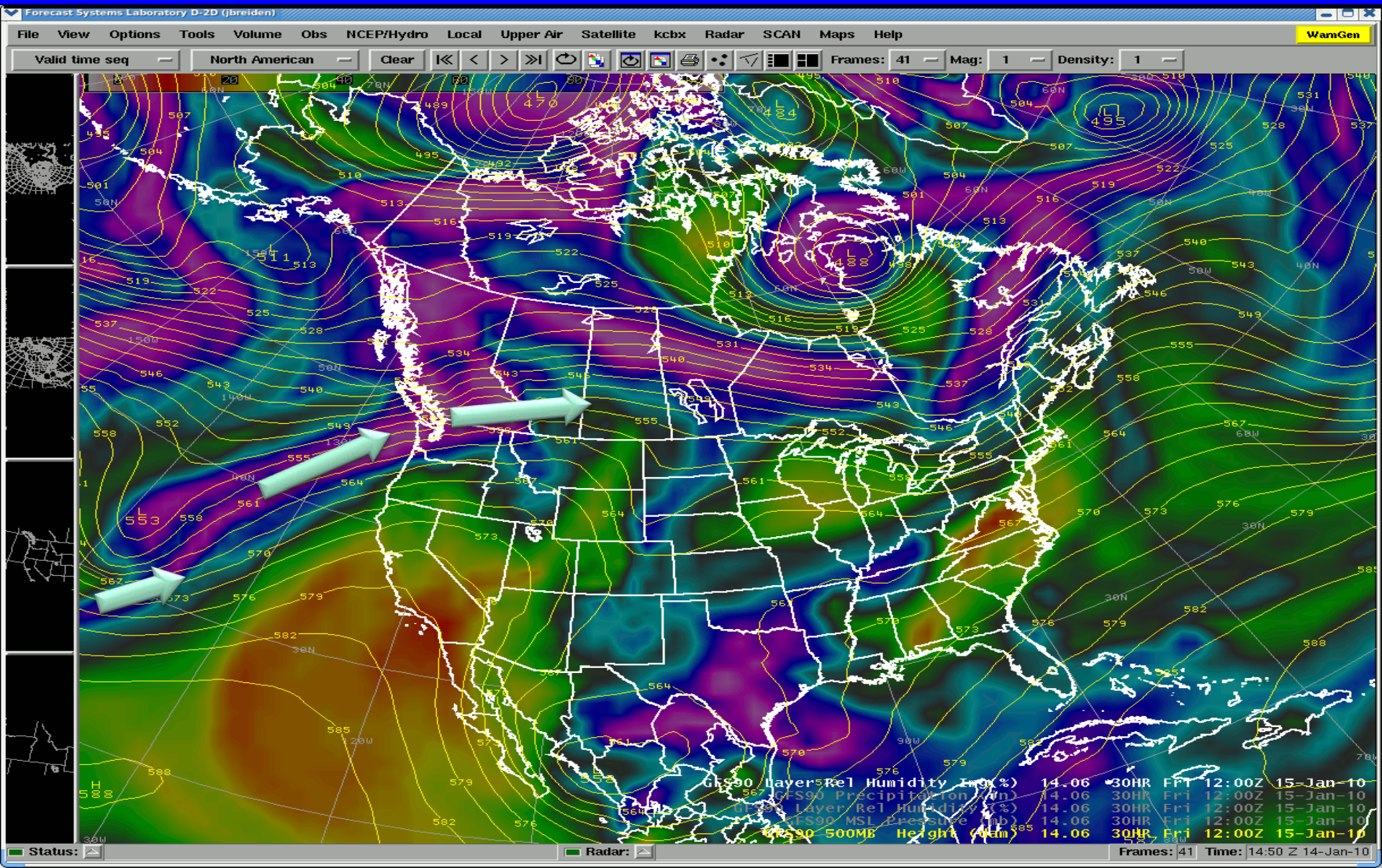
Thursday - Jan 14th
IR Satellite Imagery / 500 mb heights



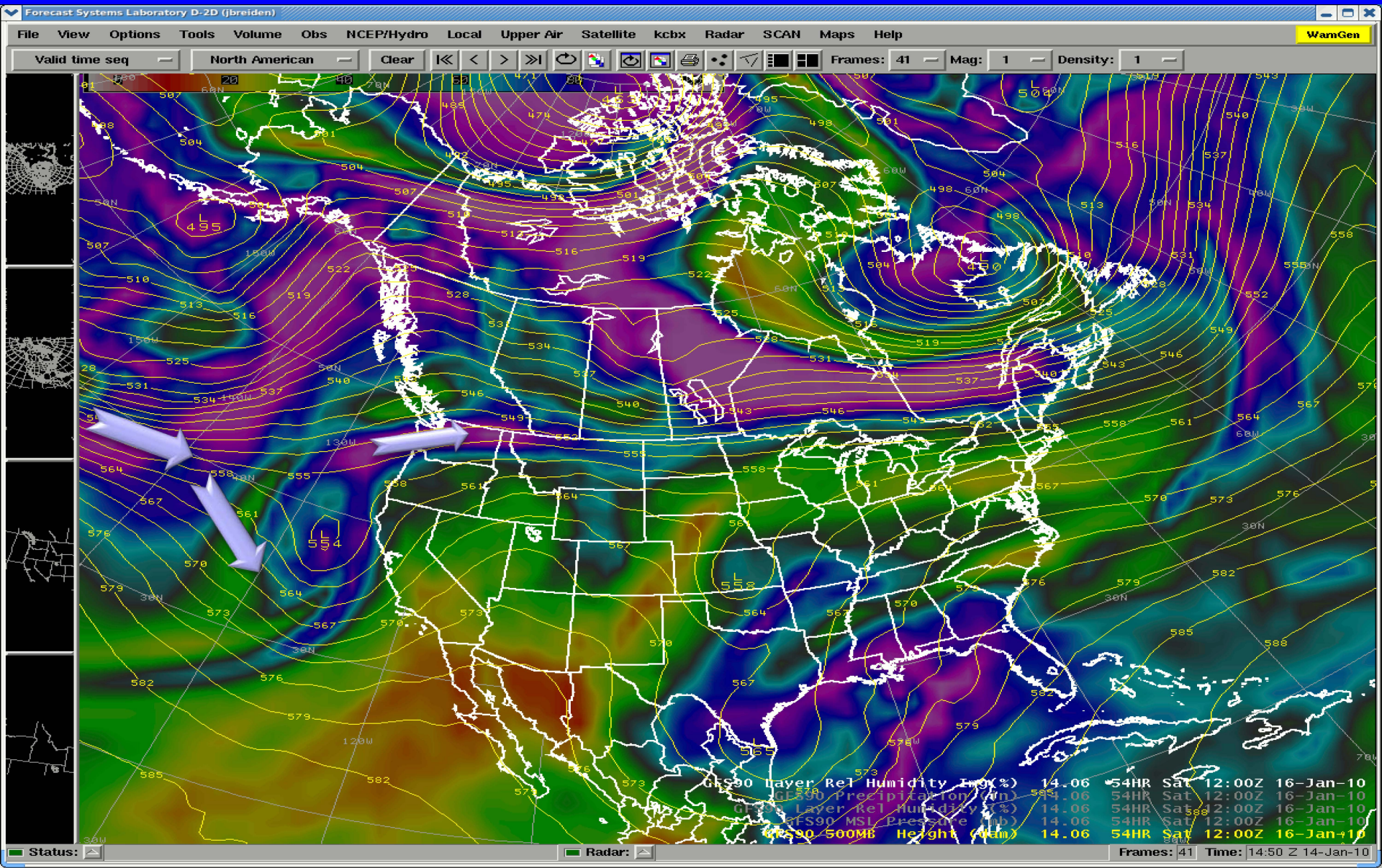
Thursday - Jan 14th
500 mb heights / model precipitation



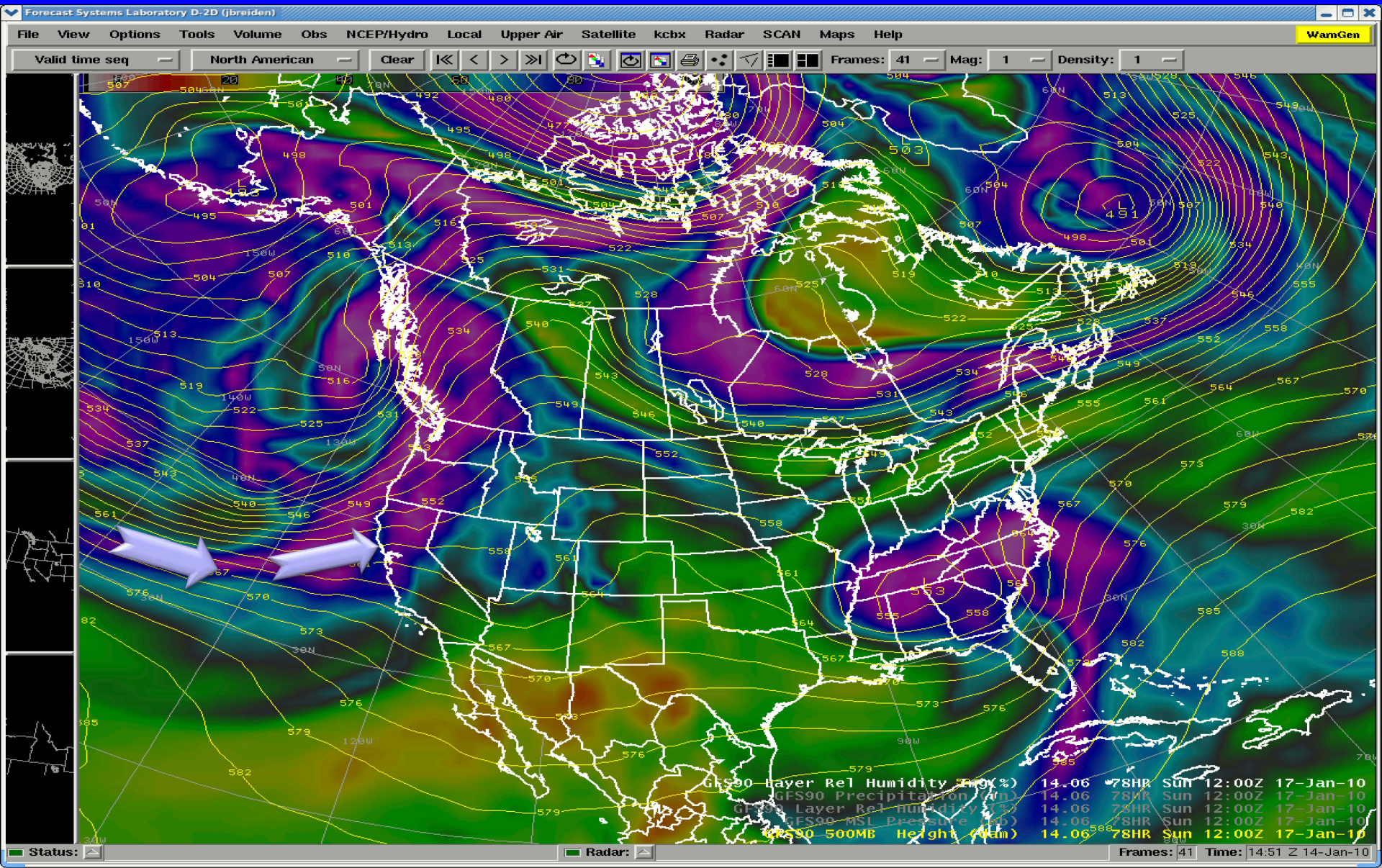
Friday, Jan 15th
500 mb heights / model precipitation



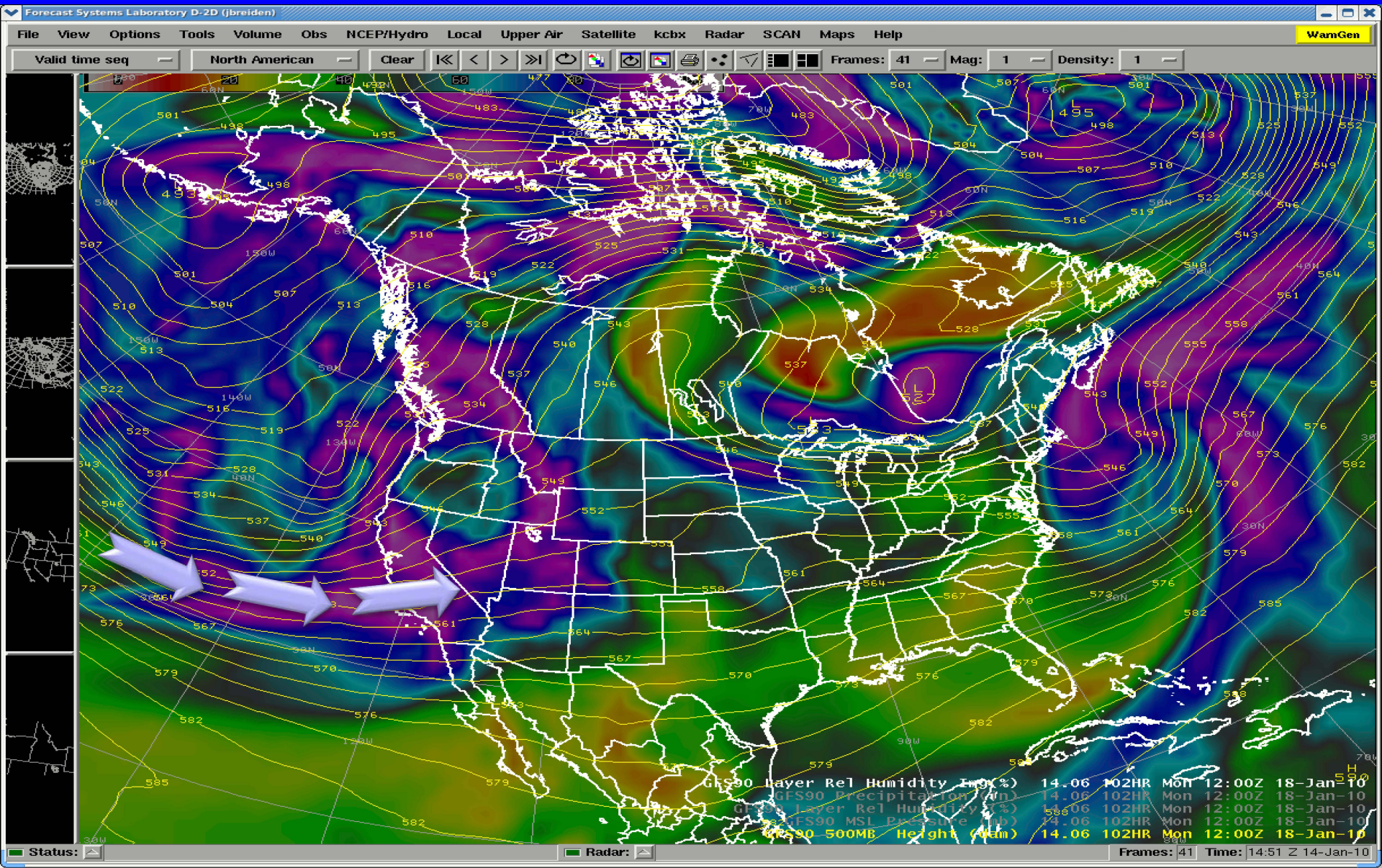
Saturday, January 16th



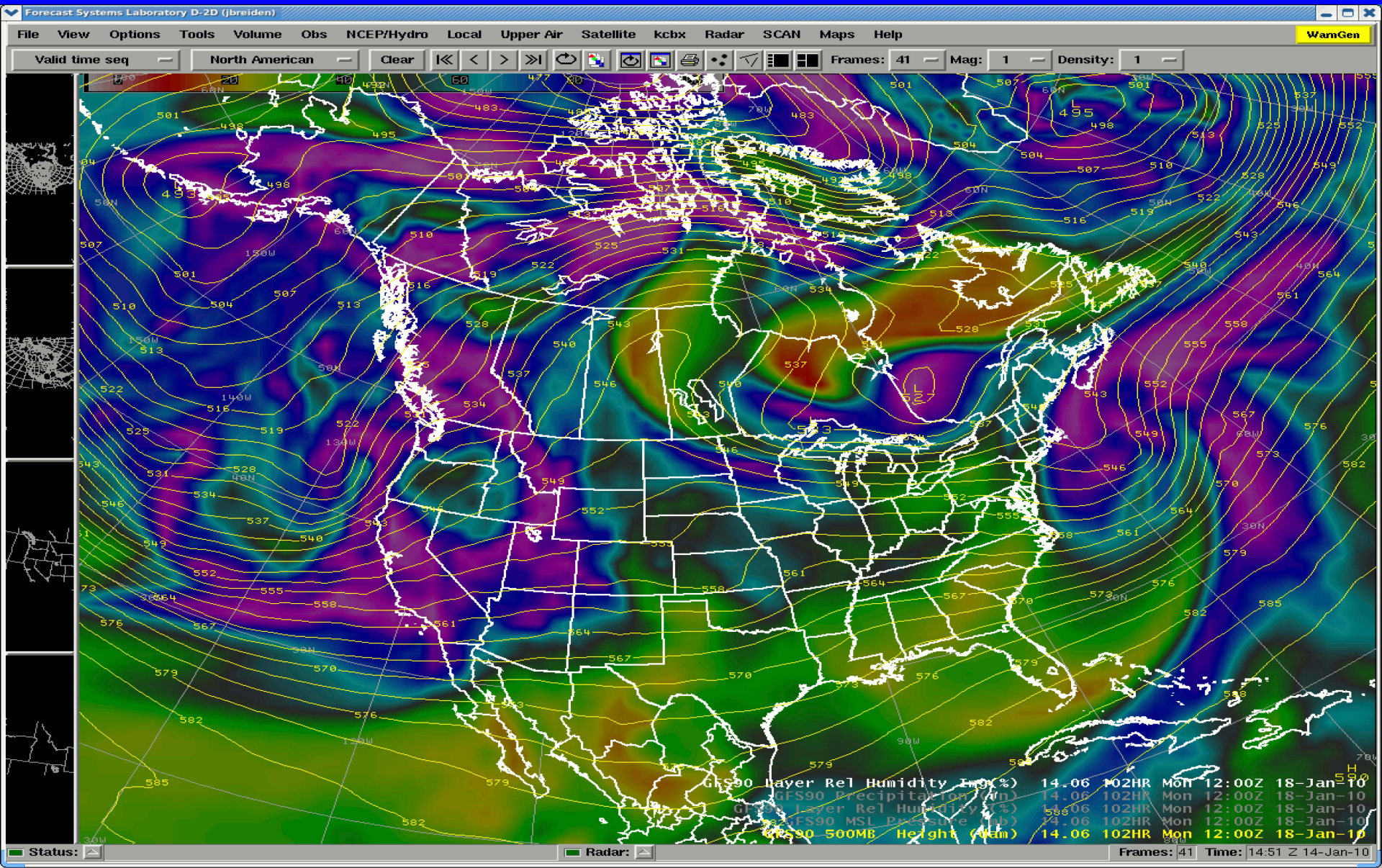
Sunday, January 17th



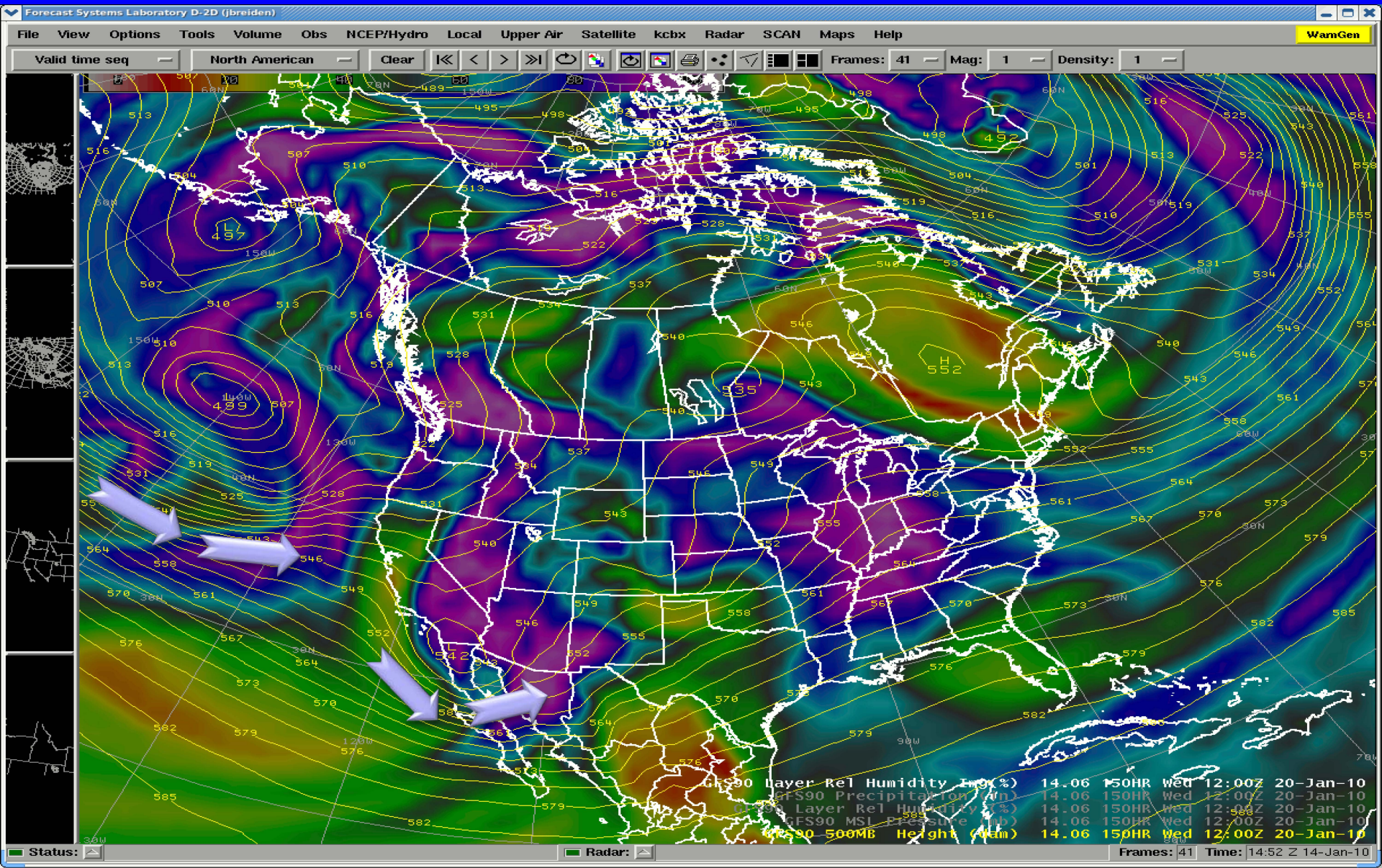
Monday, January 18th



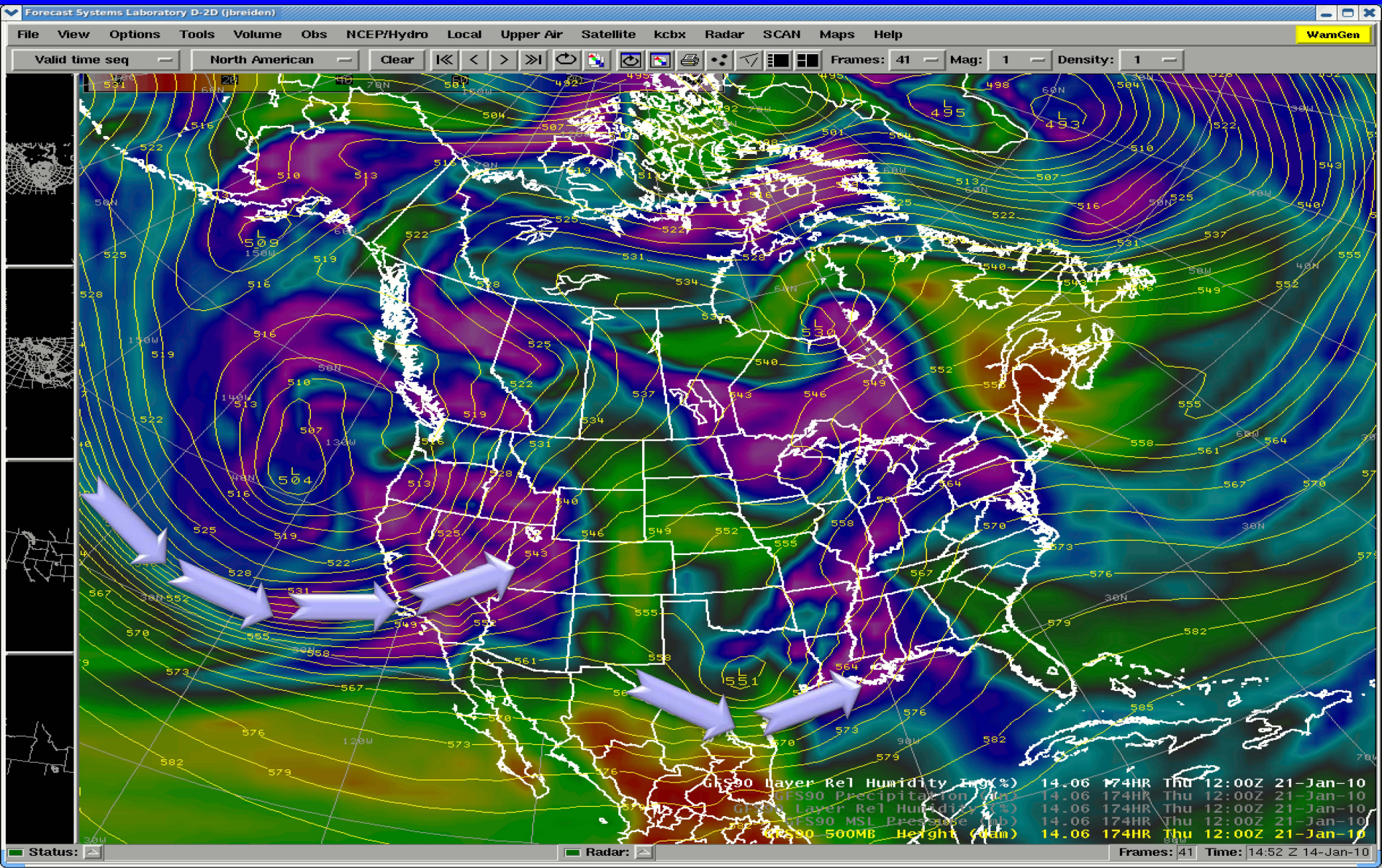
Tuesday, January 20th



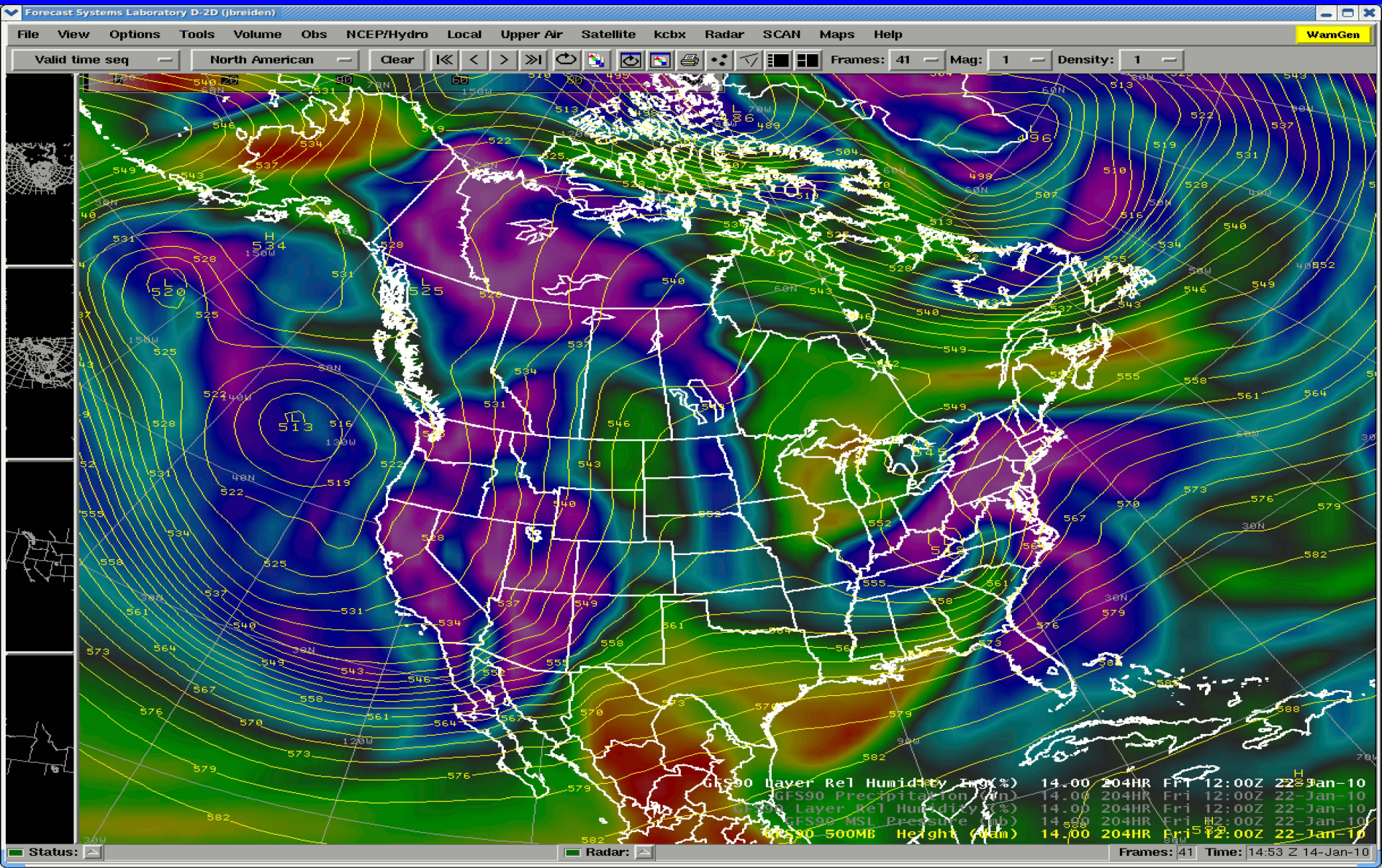
Wednesday, January 20th



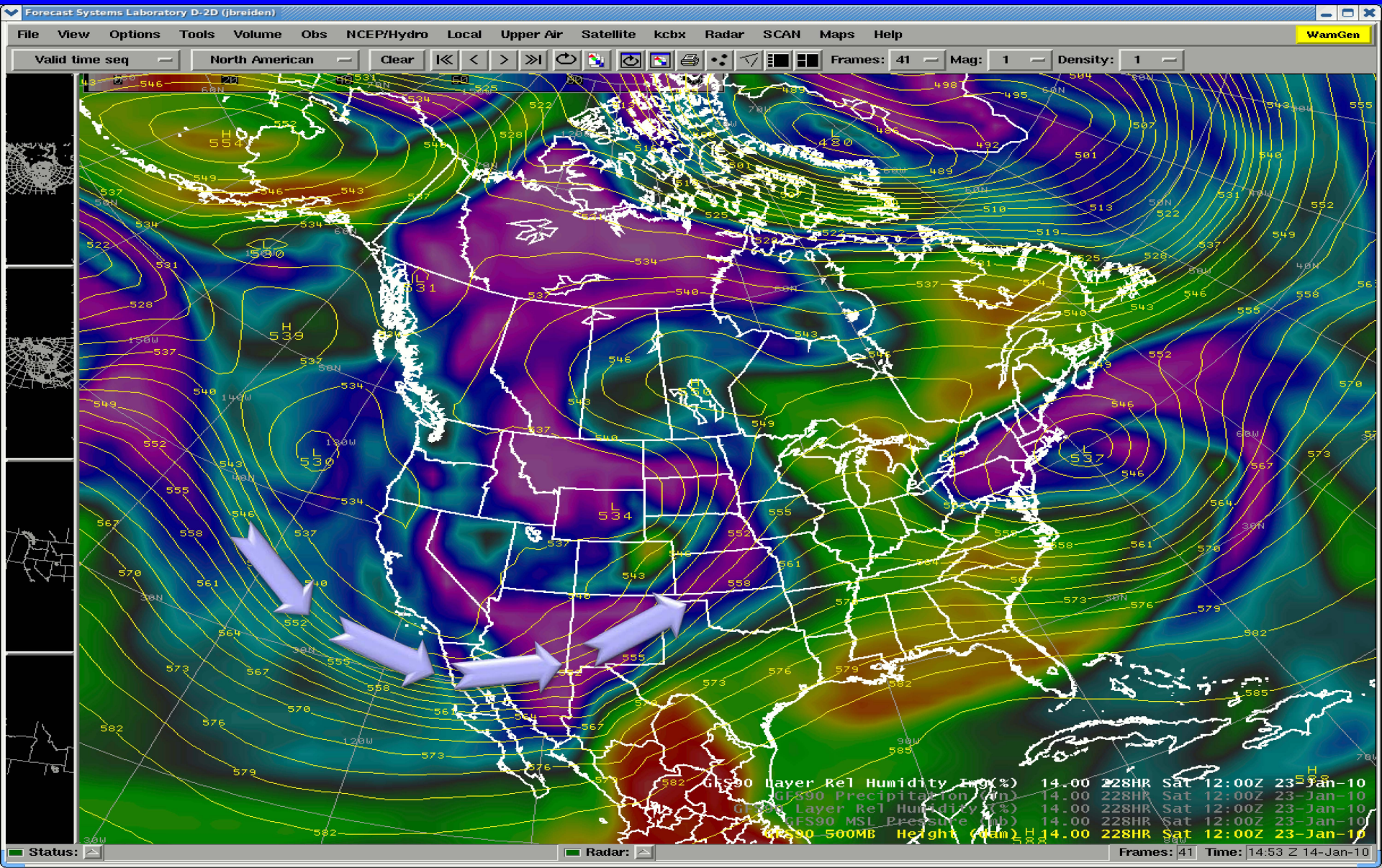
Thursday, January 21st



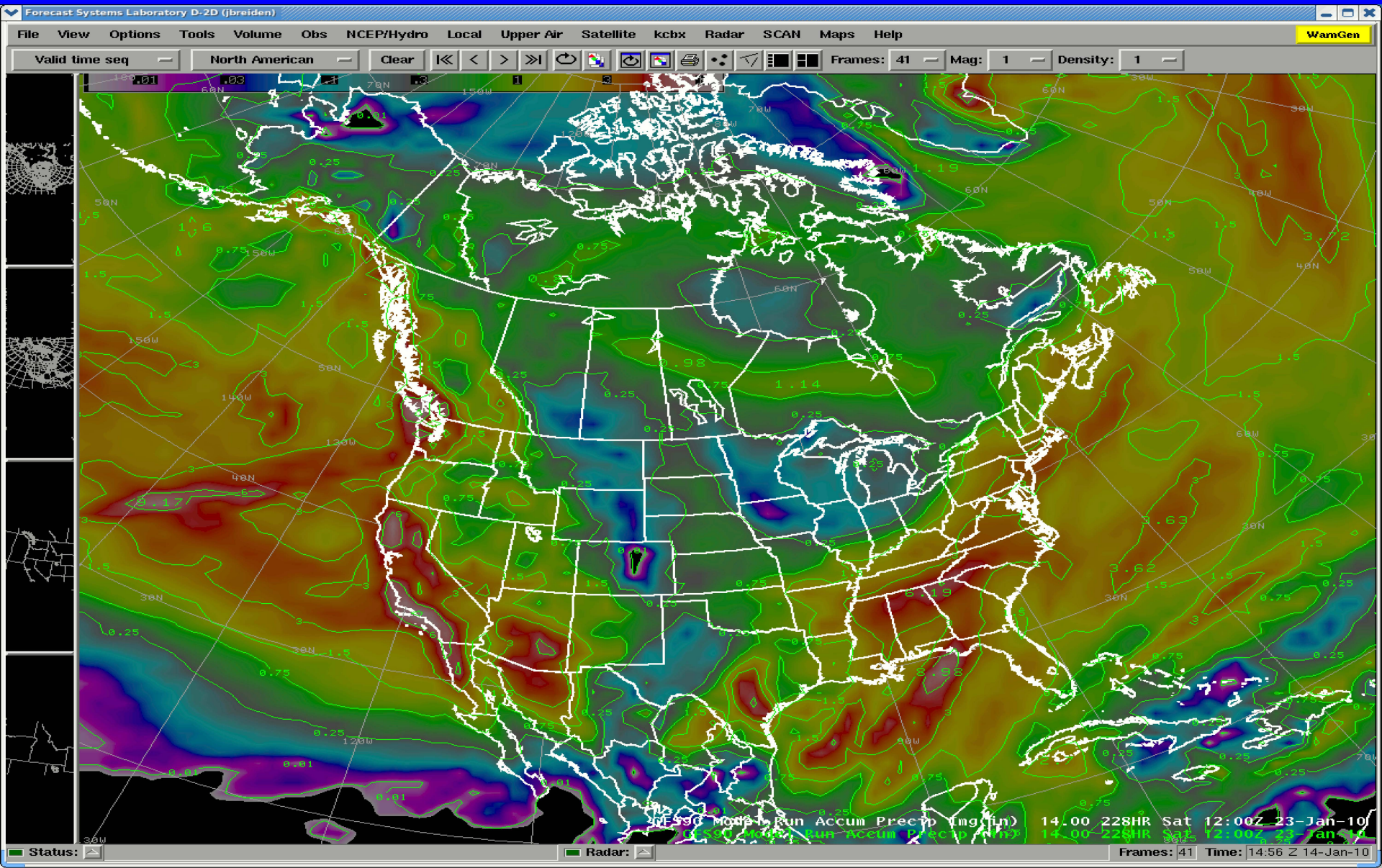
Thursday, January 22nd



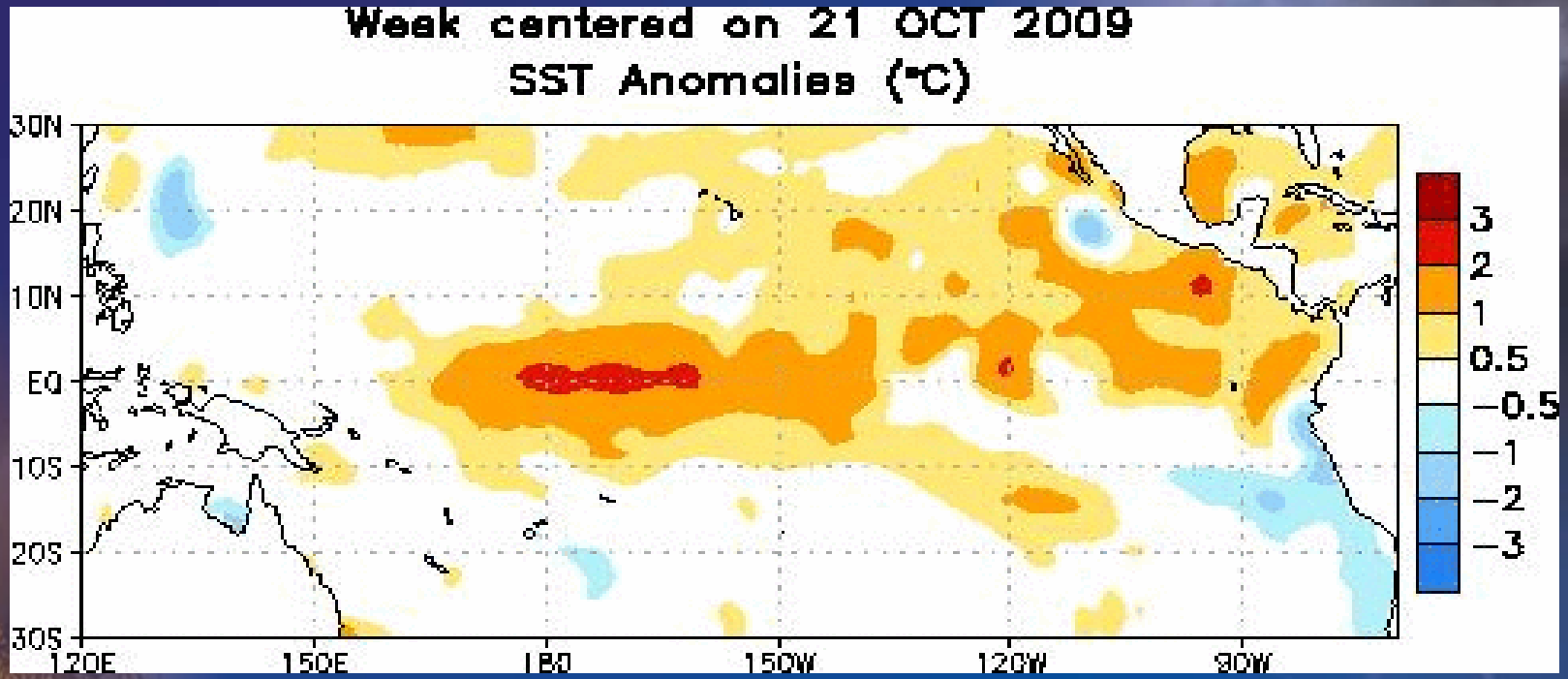
Saturday, January 23rd

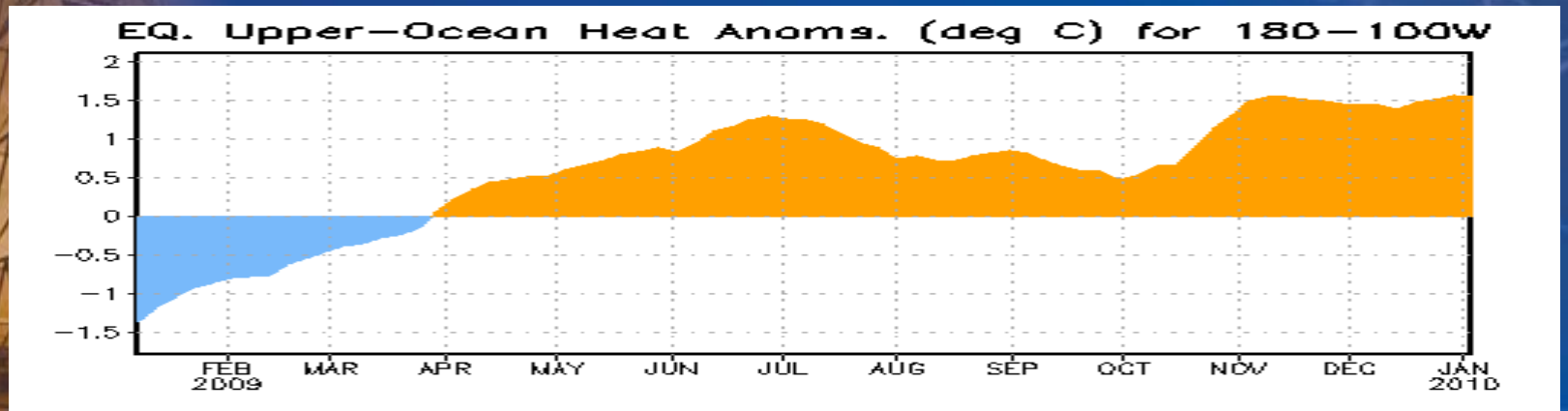


Total Precipitation Ending Saturday, Jan 23rd

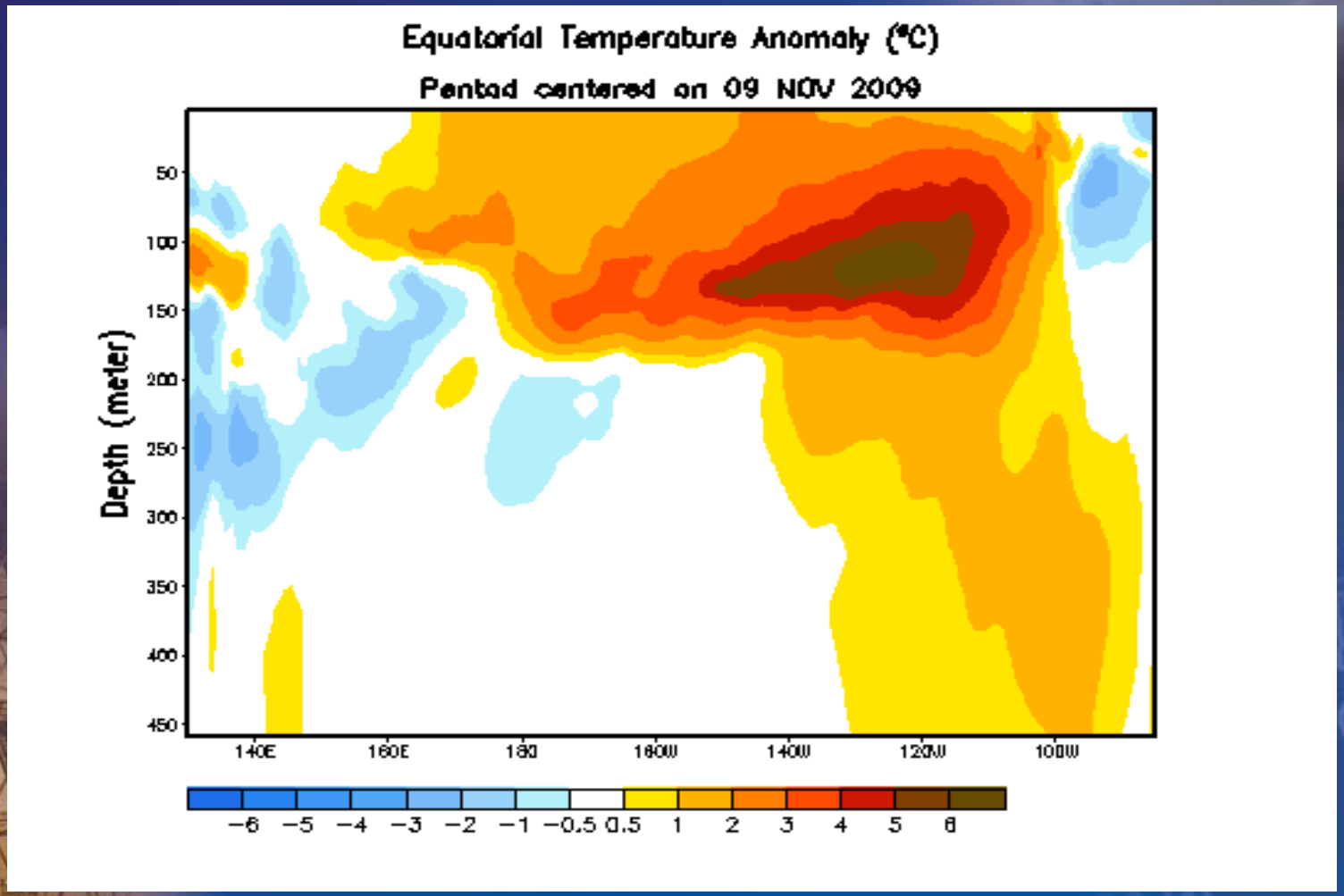


Equatorial Sea Surface Temperature Anomalies

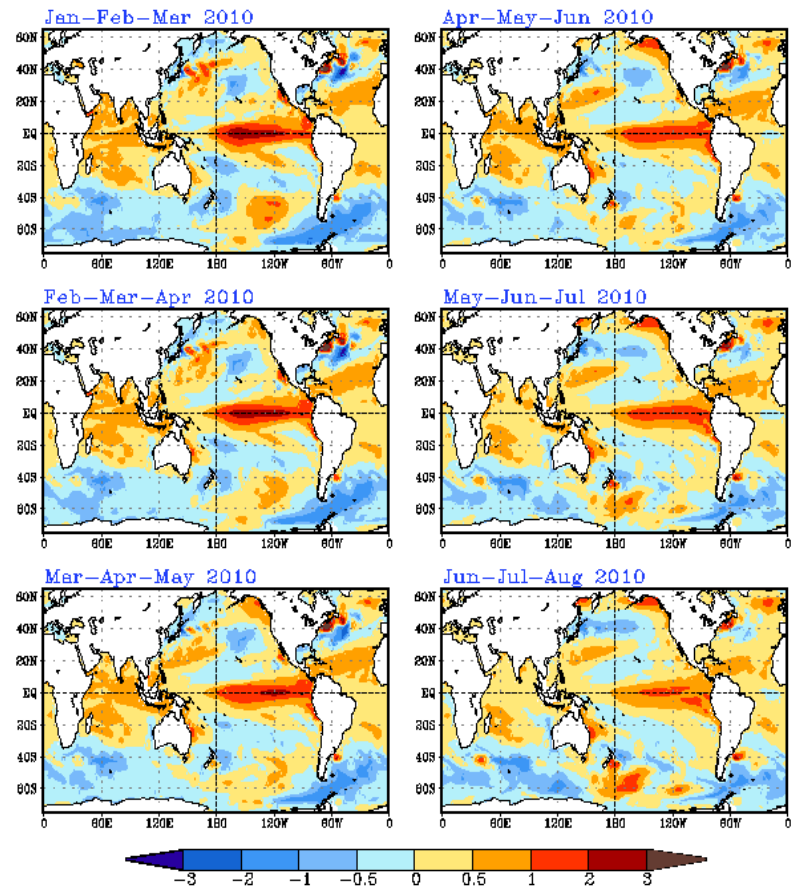




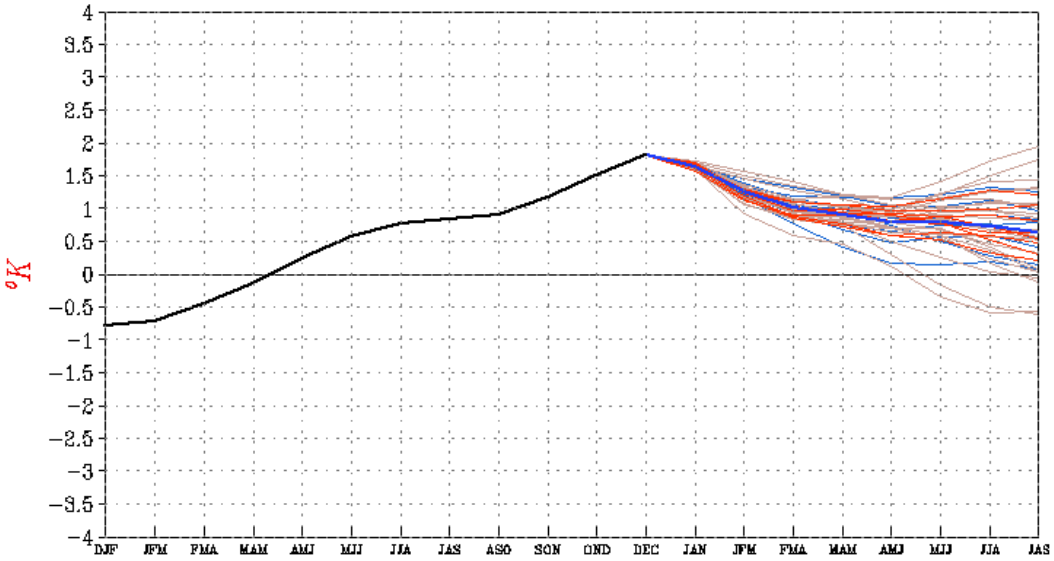
Warm sub-surface anomaly along equator



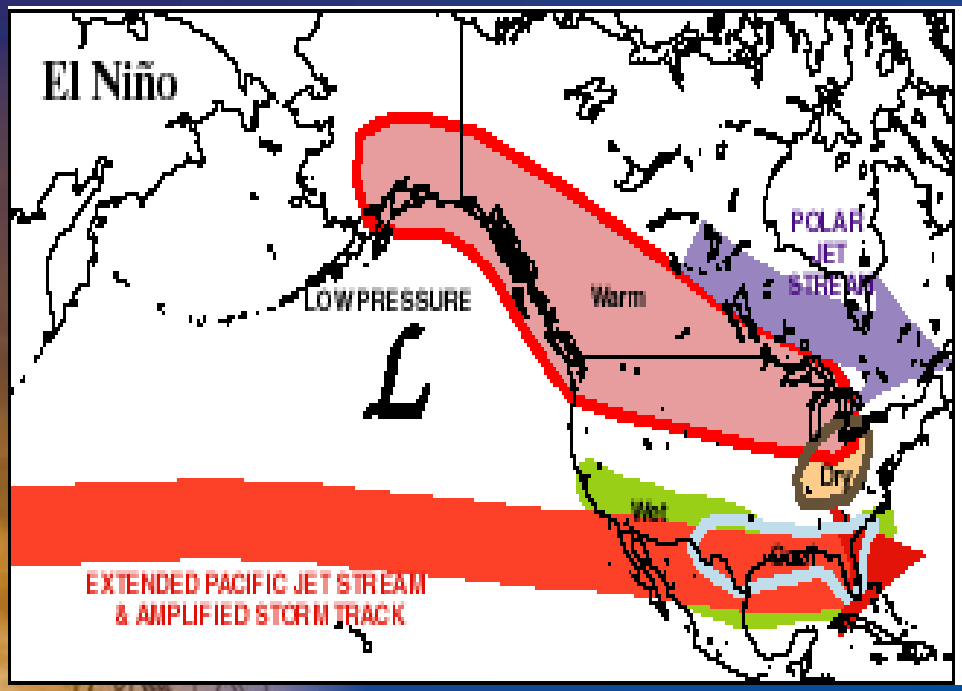
SST Outlook: NCEP CFS Forecast Issued 10 January 2010

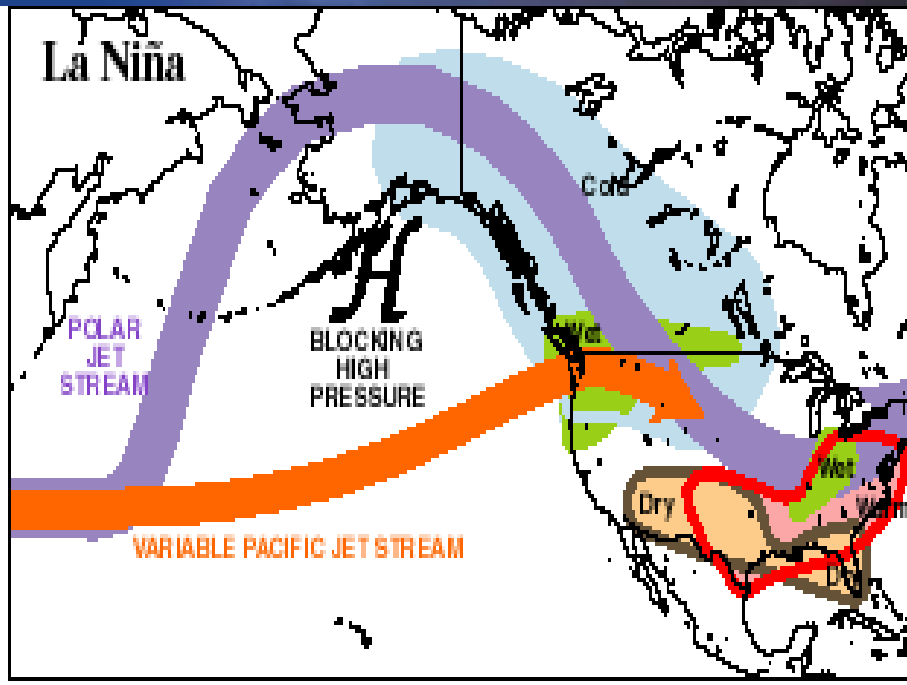


The CFS ensemble mean (heavy blue line) predicts El Niño will last at least into the Northern Hemisphere summer 2010.

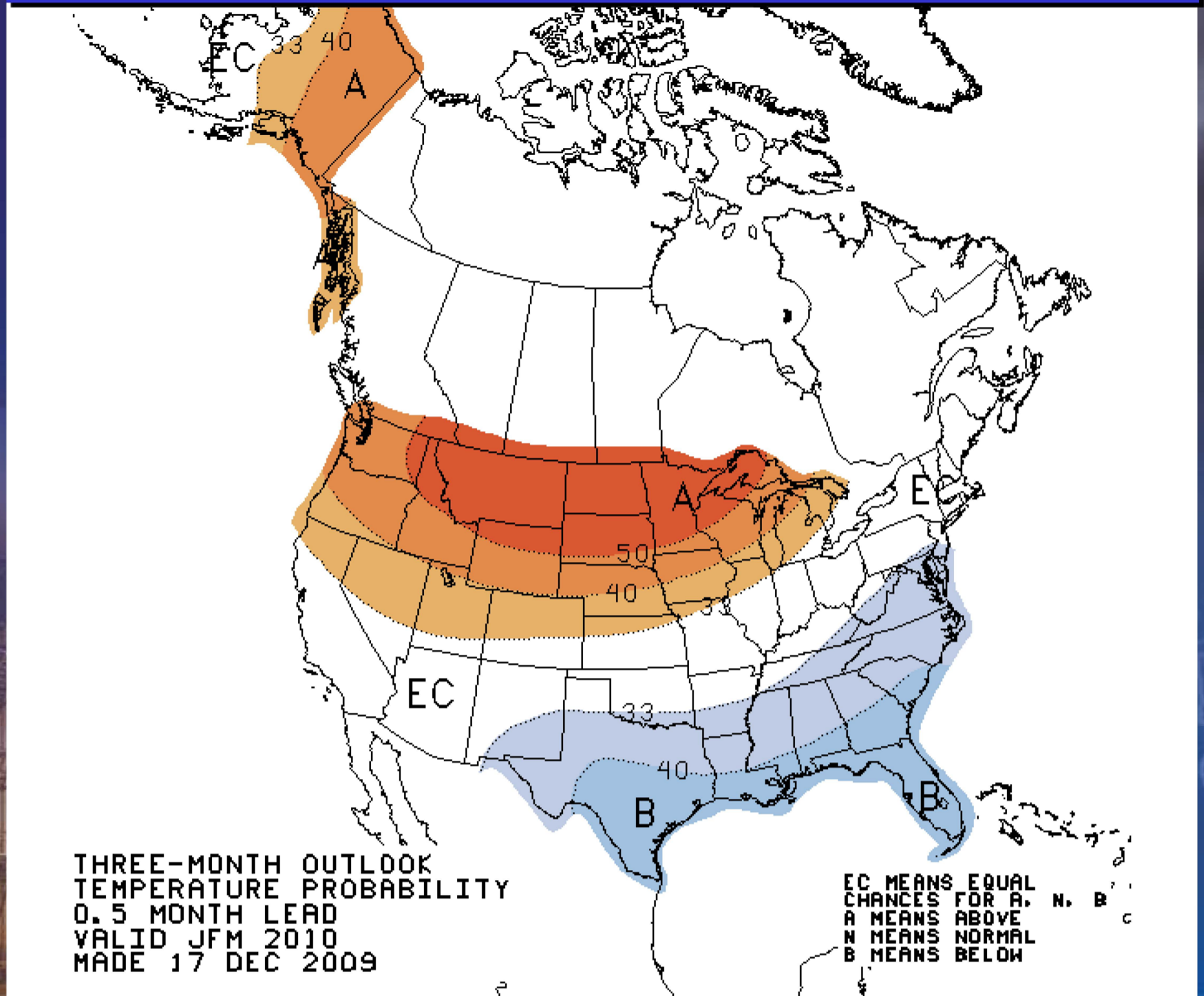


Typical North American Winter Impacts of El-Nino

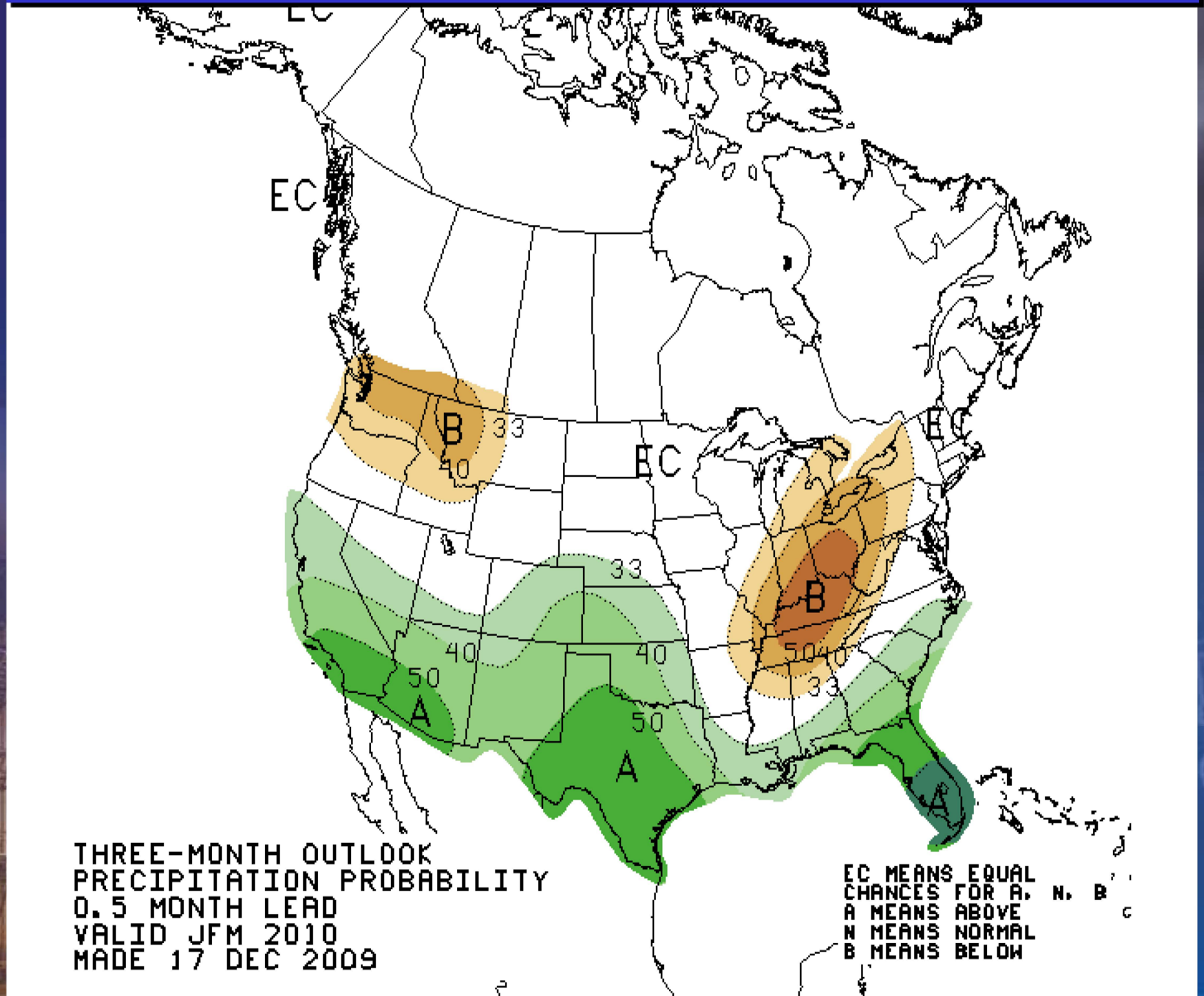




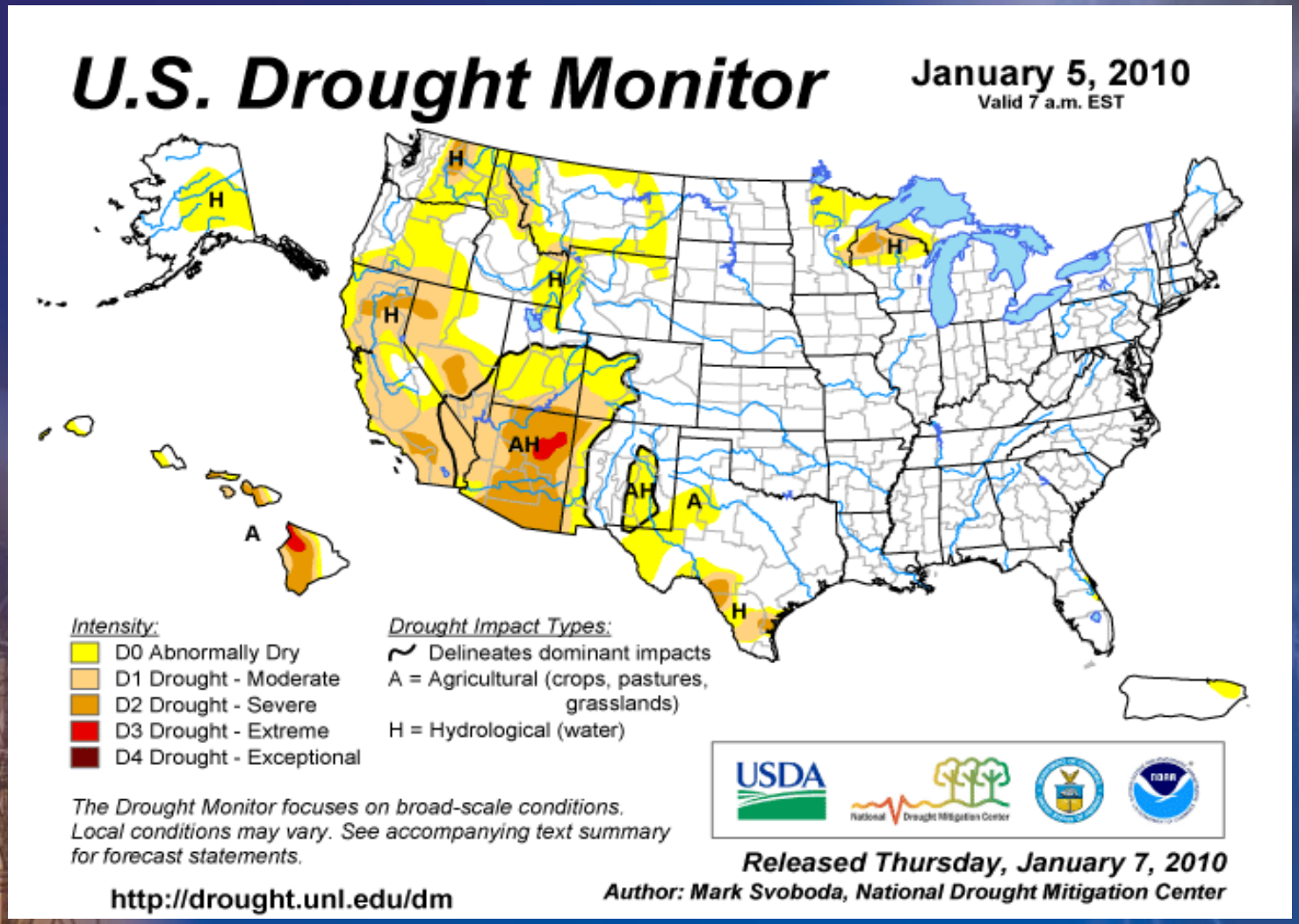
Three Month Outlook (Jan-Mar) Temperatures



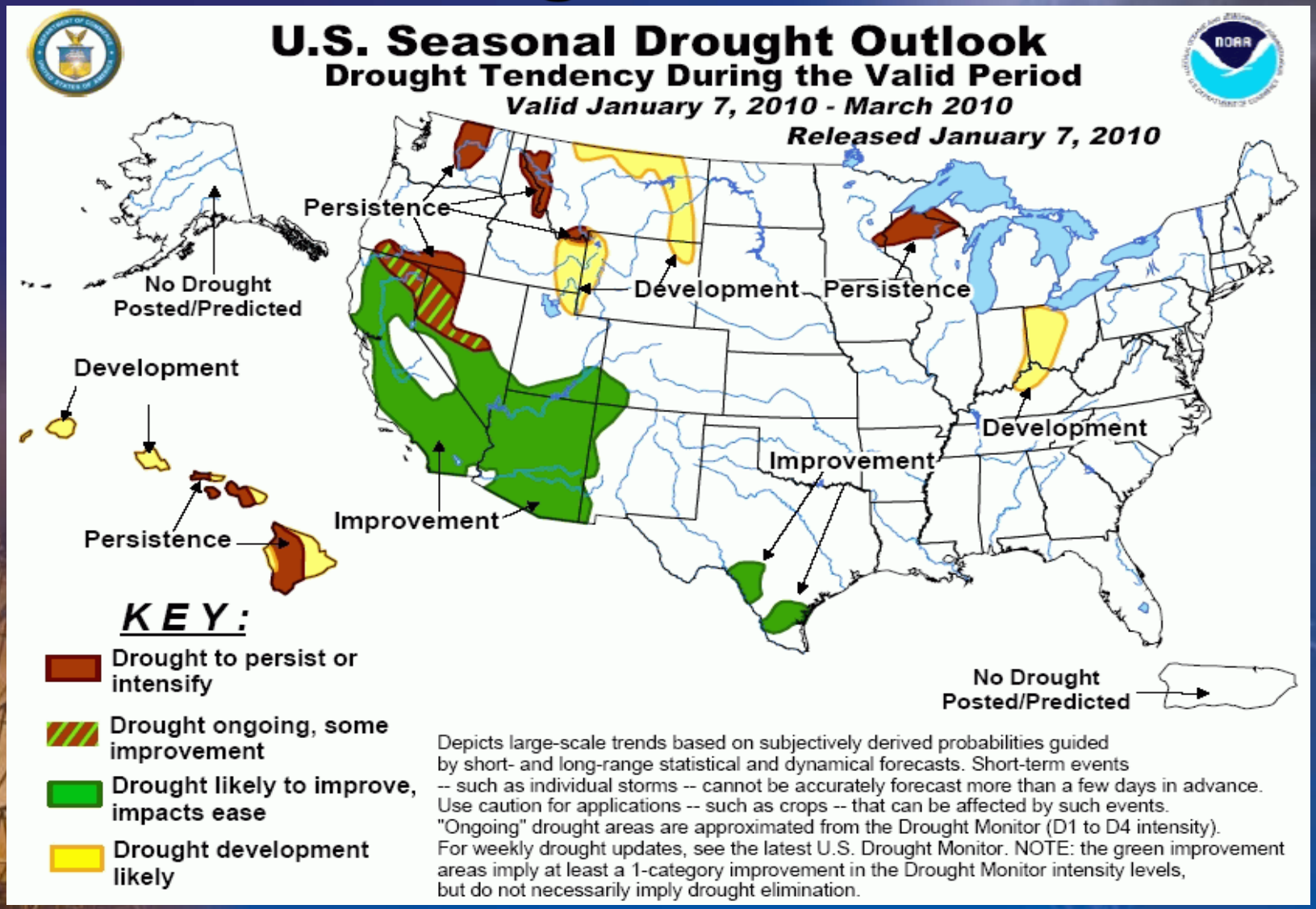
Three Month Outlook (Jan-Mar) Precipitation



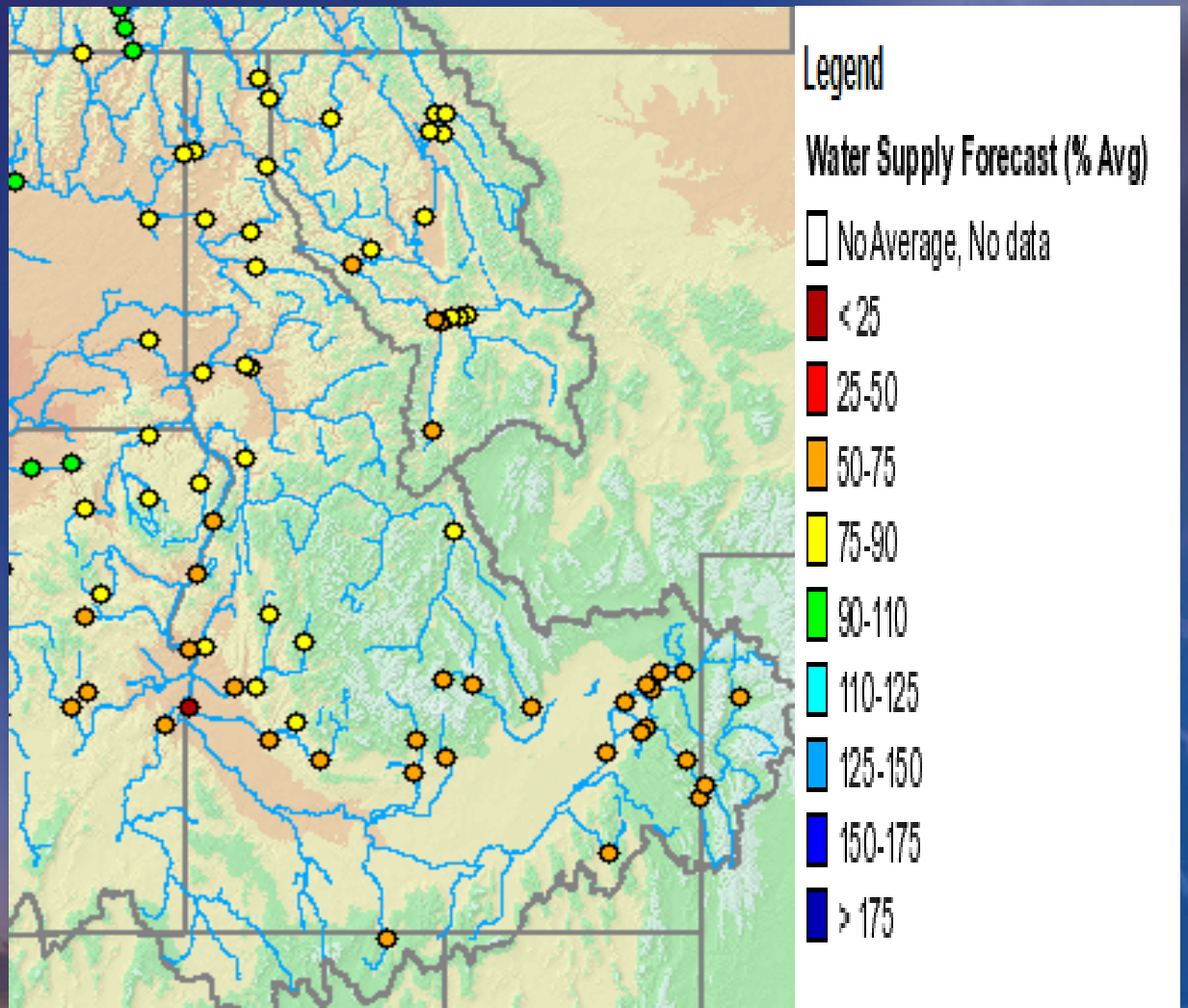
Drought Situation



Drought Outlook



Below Normal Water Supply Expected in 2010



Current Information on Web

www.weather.gov/boise

www.nwrfc.noaa.gov/westernwater