Idaho Weather, Climate and Water Supply Outlook

IDWR Briefing, Jan 13th 2011

Jay Breidenbach, NOAA National Weather Service

Snow Accumulation Movie

Temperature and Precipitation Anomalies

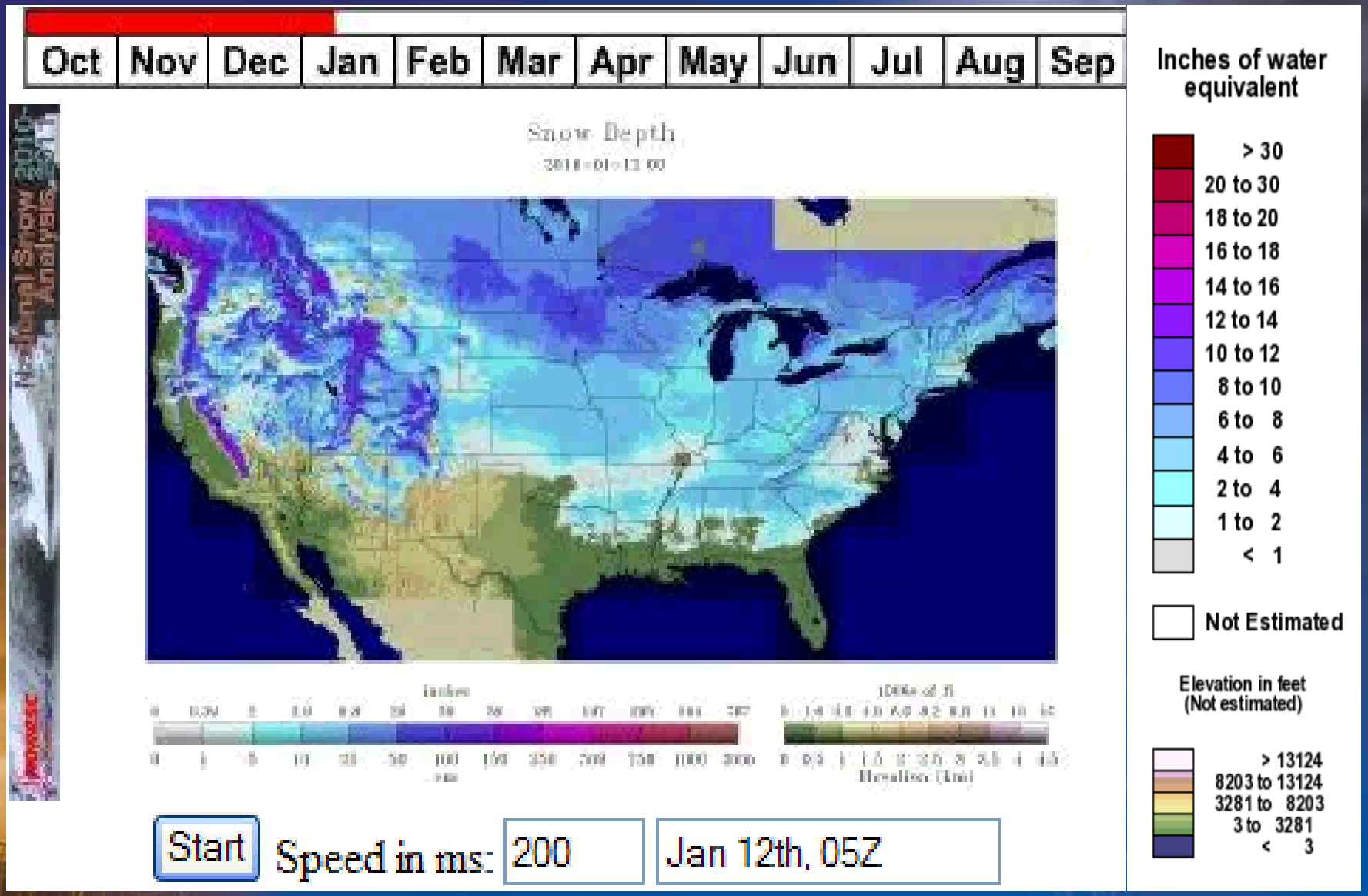
Wet Forecast for next 7 days

La-Nina Status

Three Month Climate Outlook

Water Supply Numbers and Drought Summary

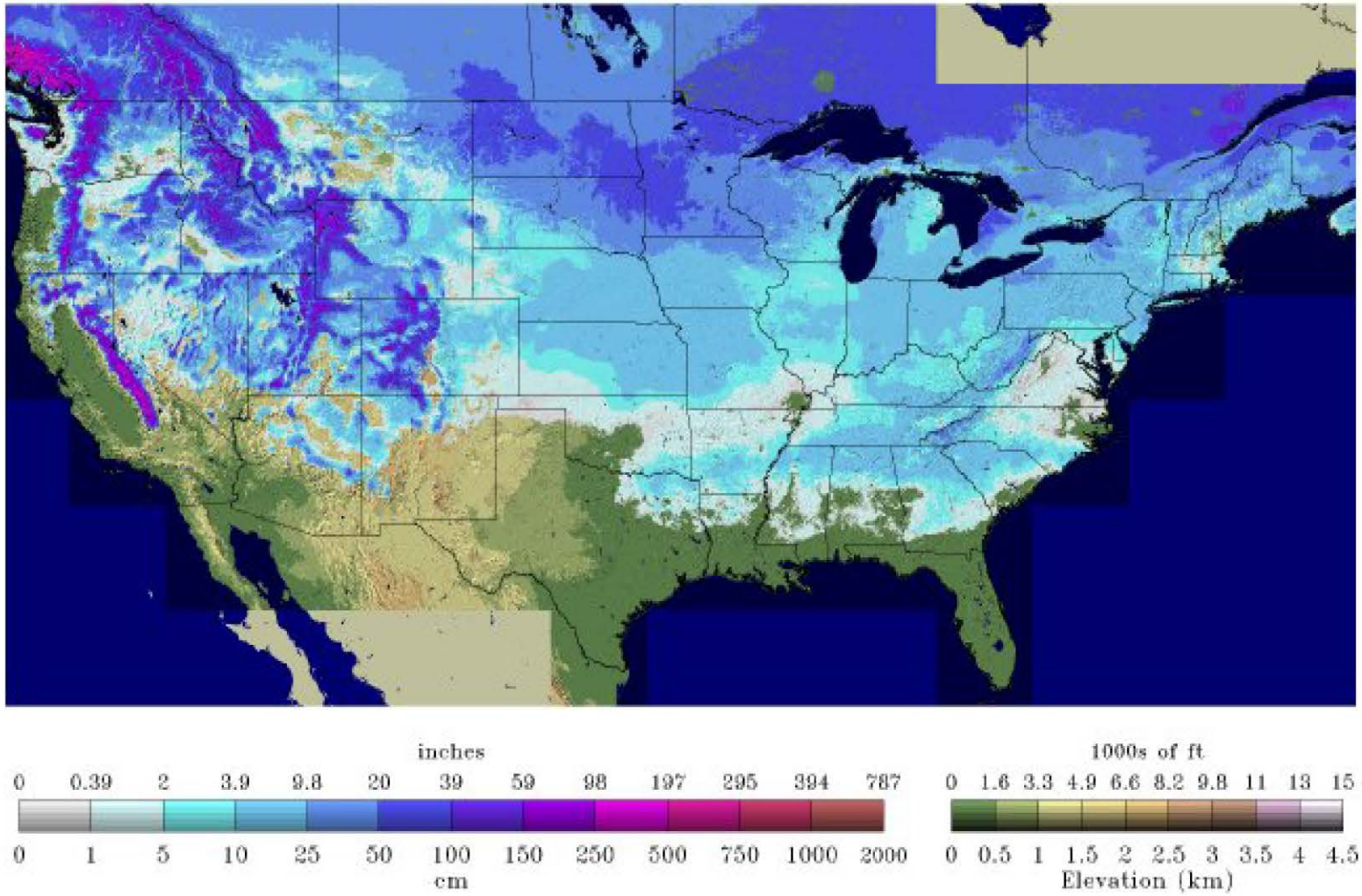
2011 Water Year
Snow Accumulation Movie



National Snow 2010-2011 Analysis

Snow Depth

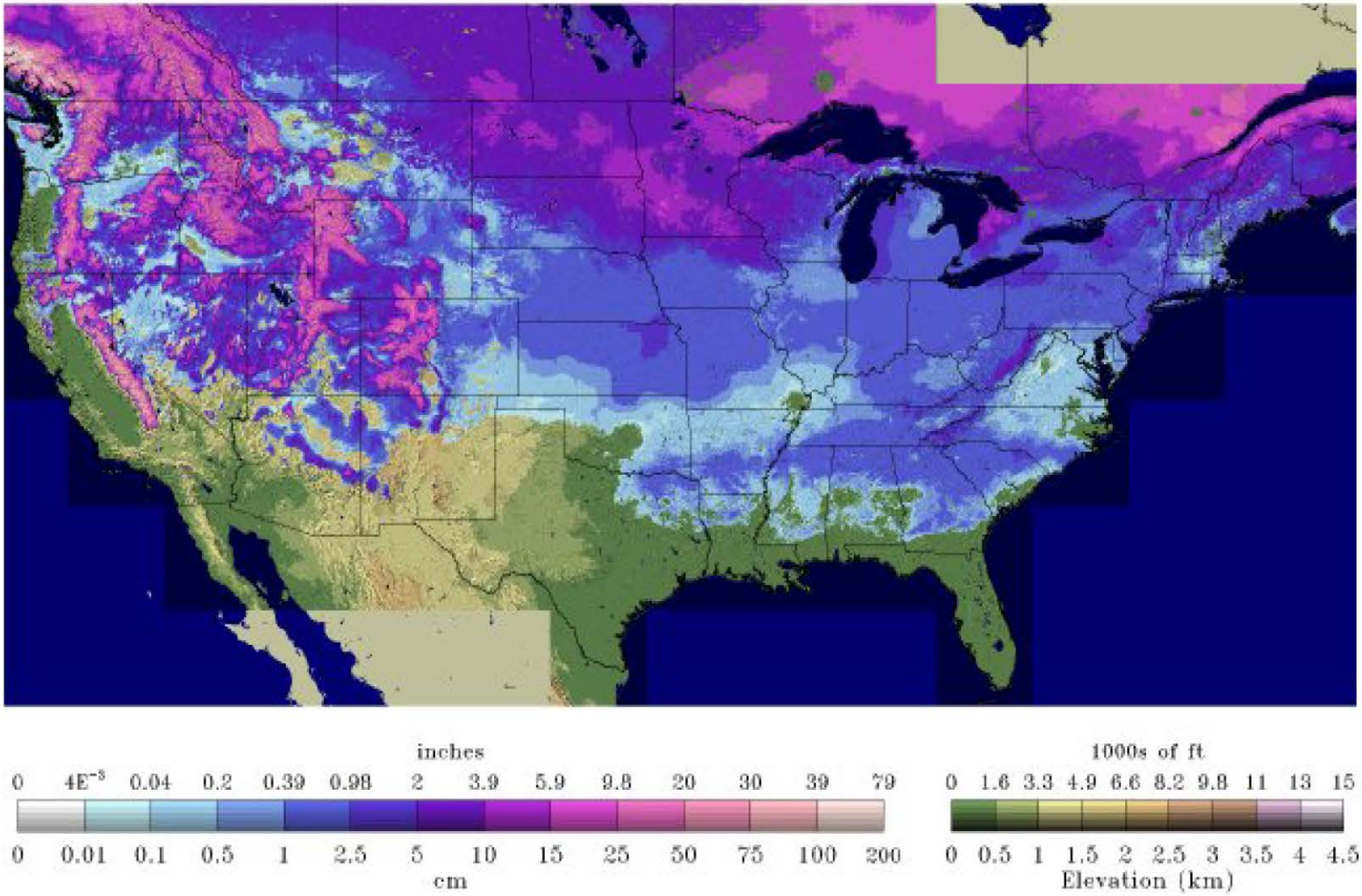
2011-01-12 06



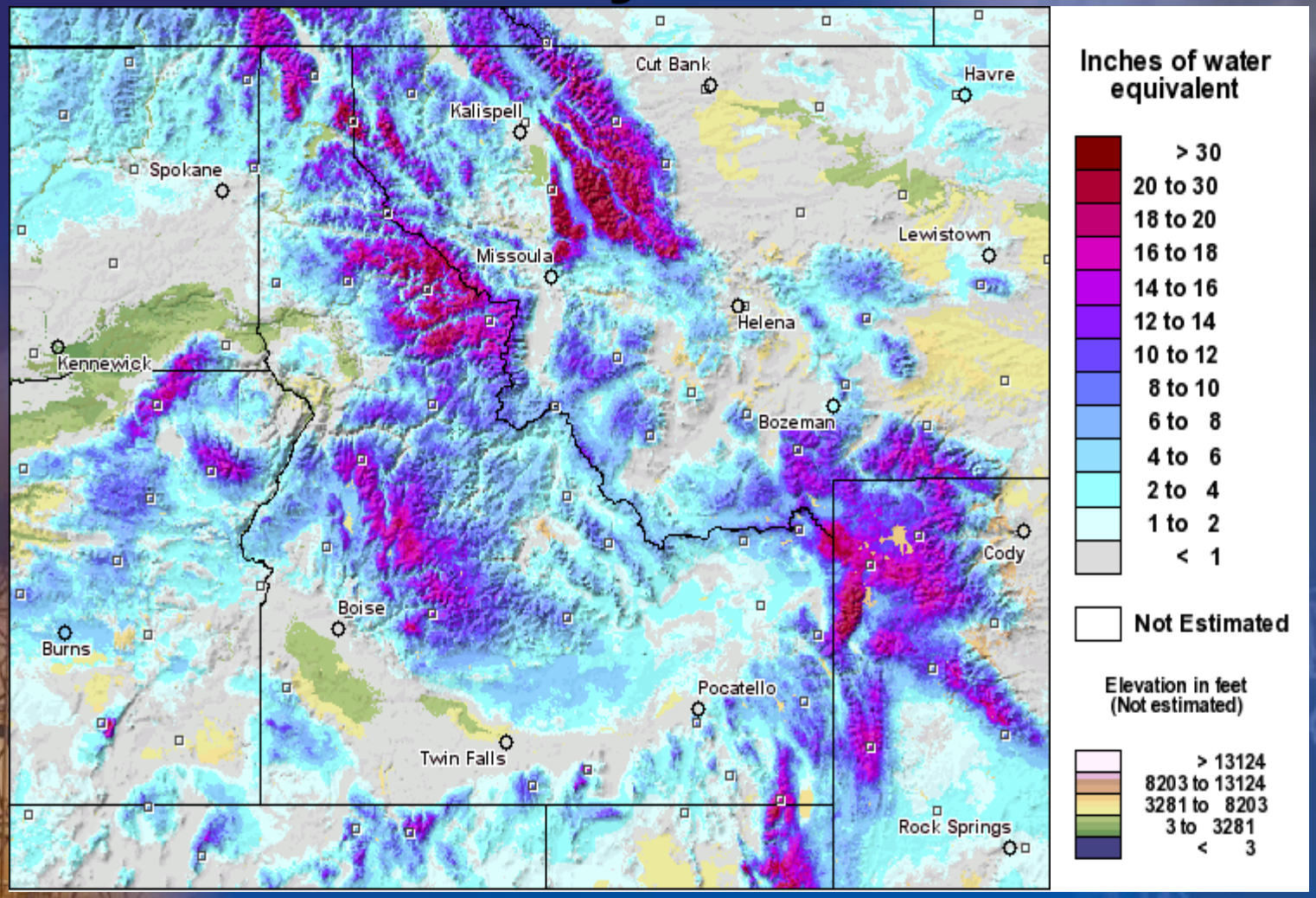
National Snow 2010-2011 Analysis

Snow Water Equivalent

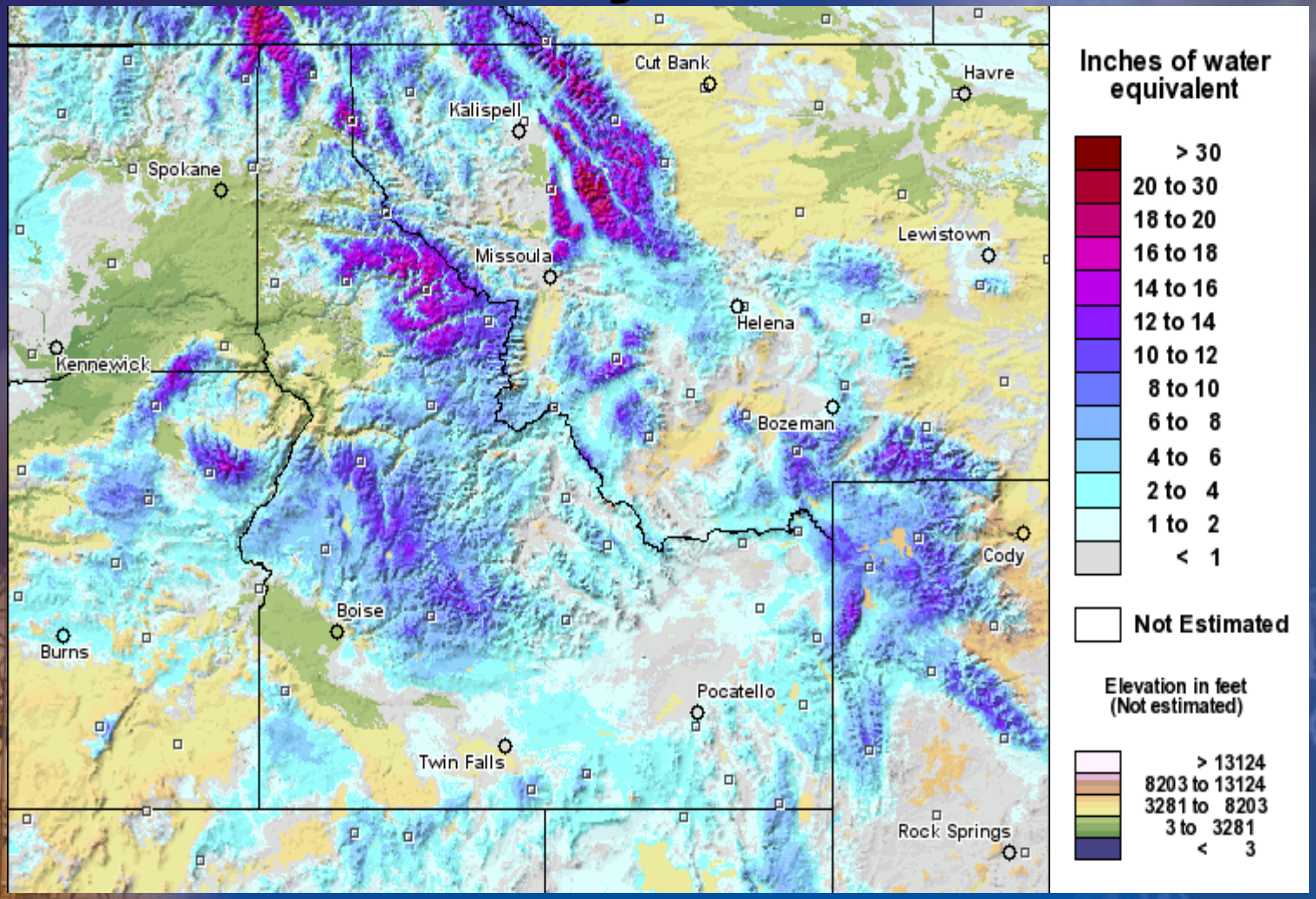
2011-01-12 06



Snow Water Equivalent
January 13th, 2011

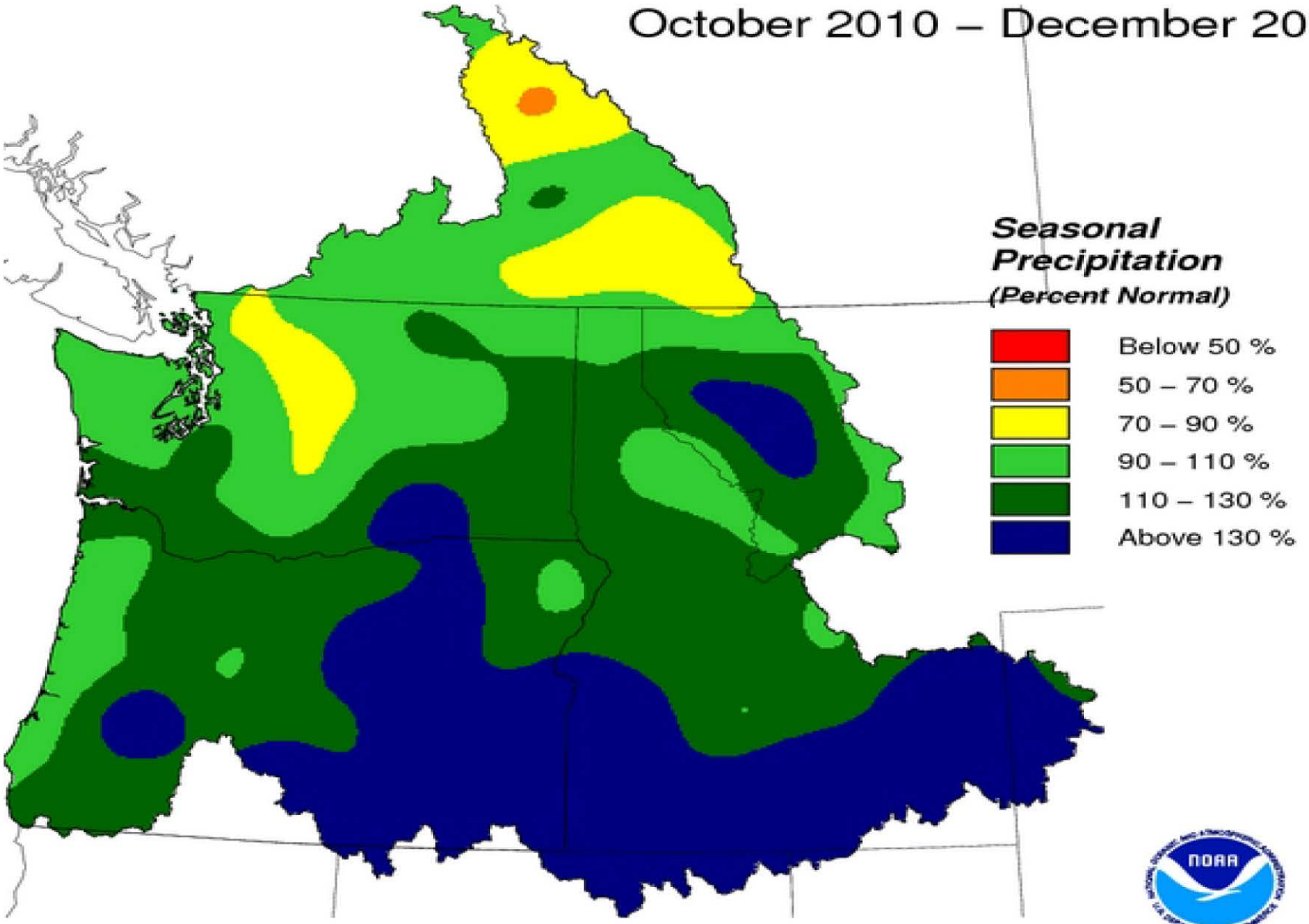


Snow Water Equivalent
January 13th, 2010



Seasonal Precipitation

October 2010 – December 2010

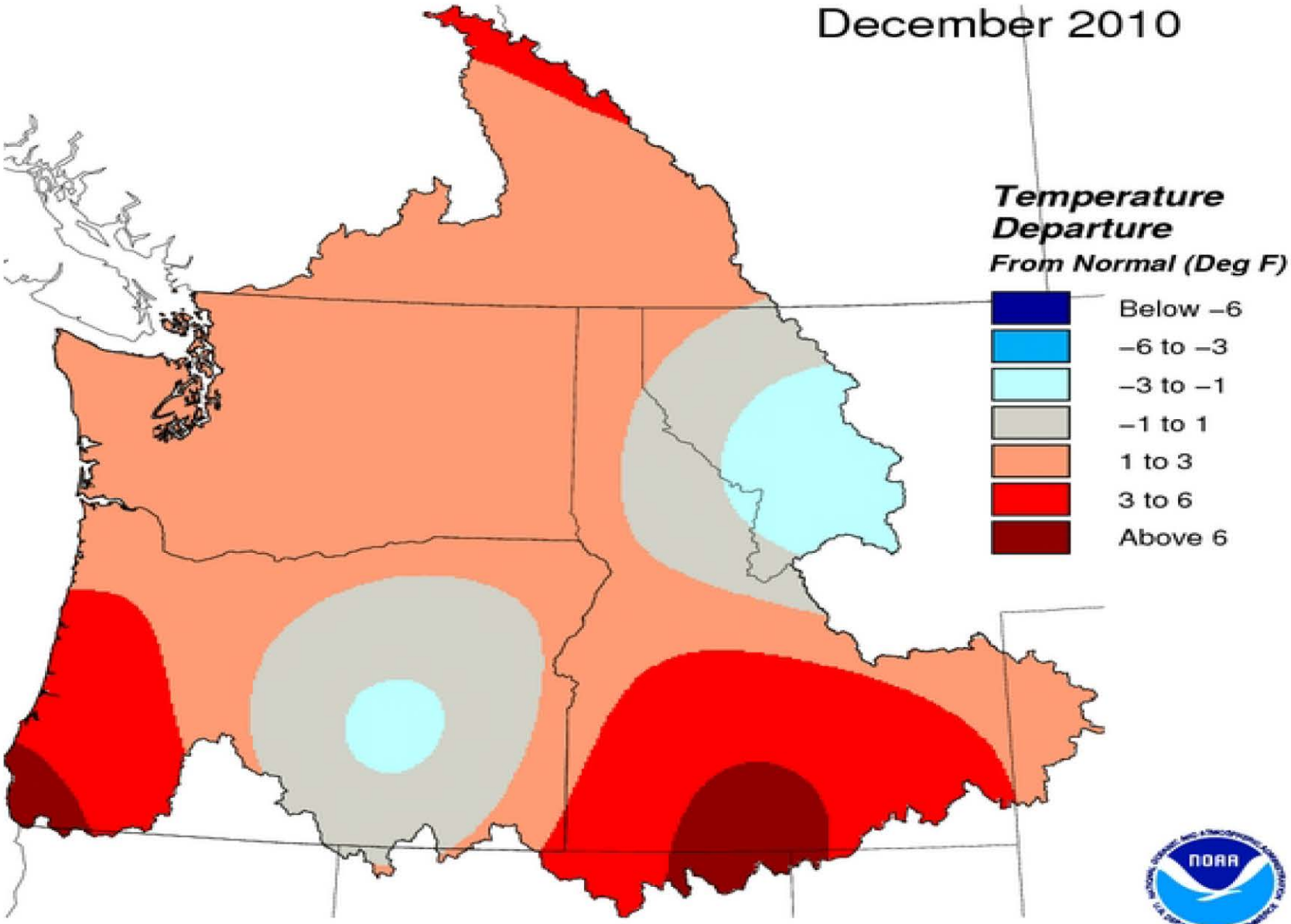


Creation Time: Mon, Jan 10, 2011

Northwest River Forecast Center

Temperature Departure

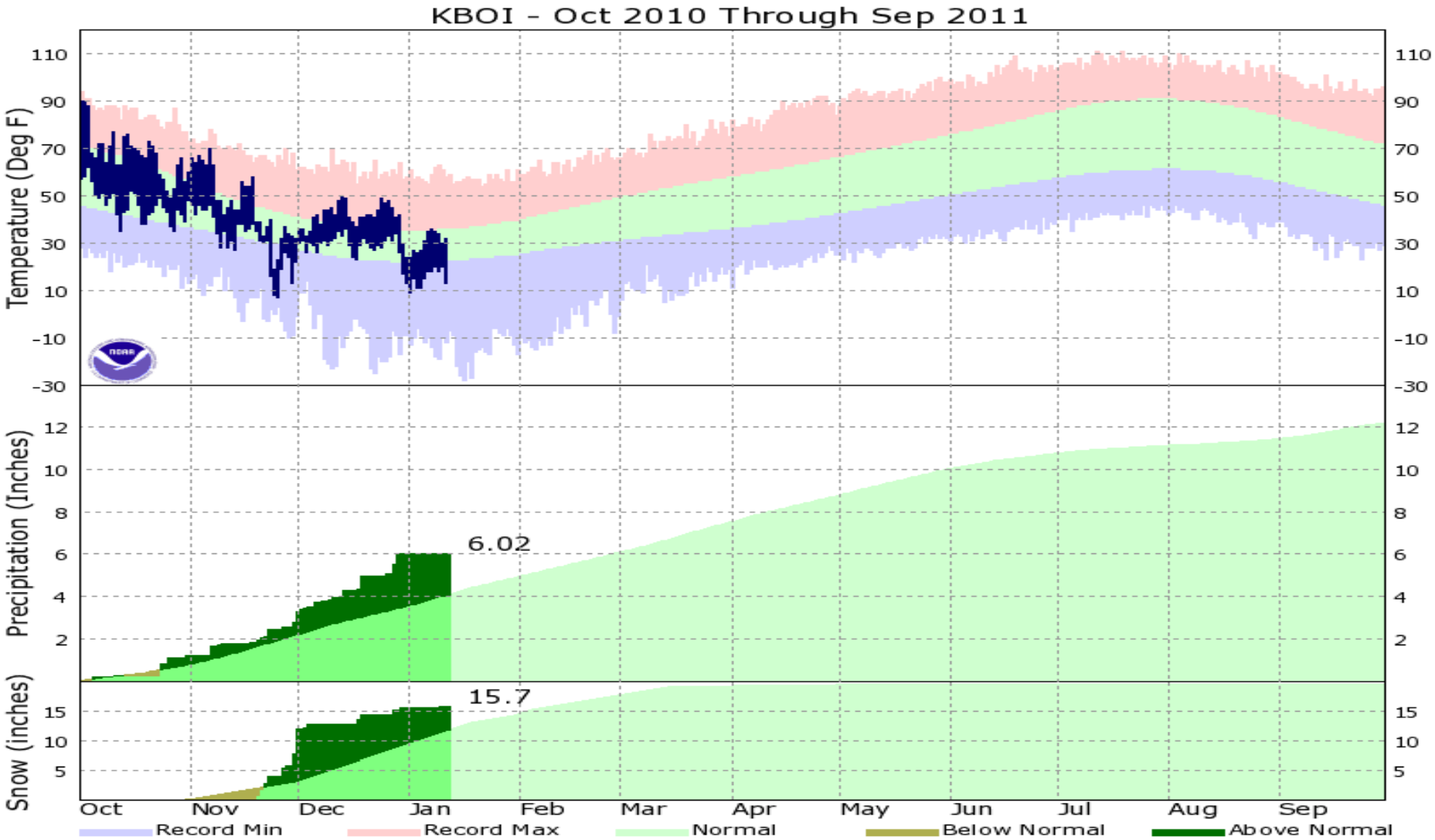
December 2010



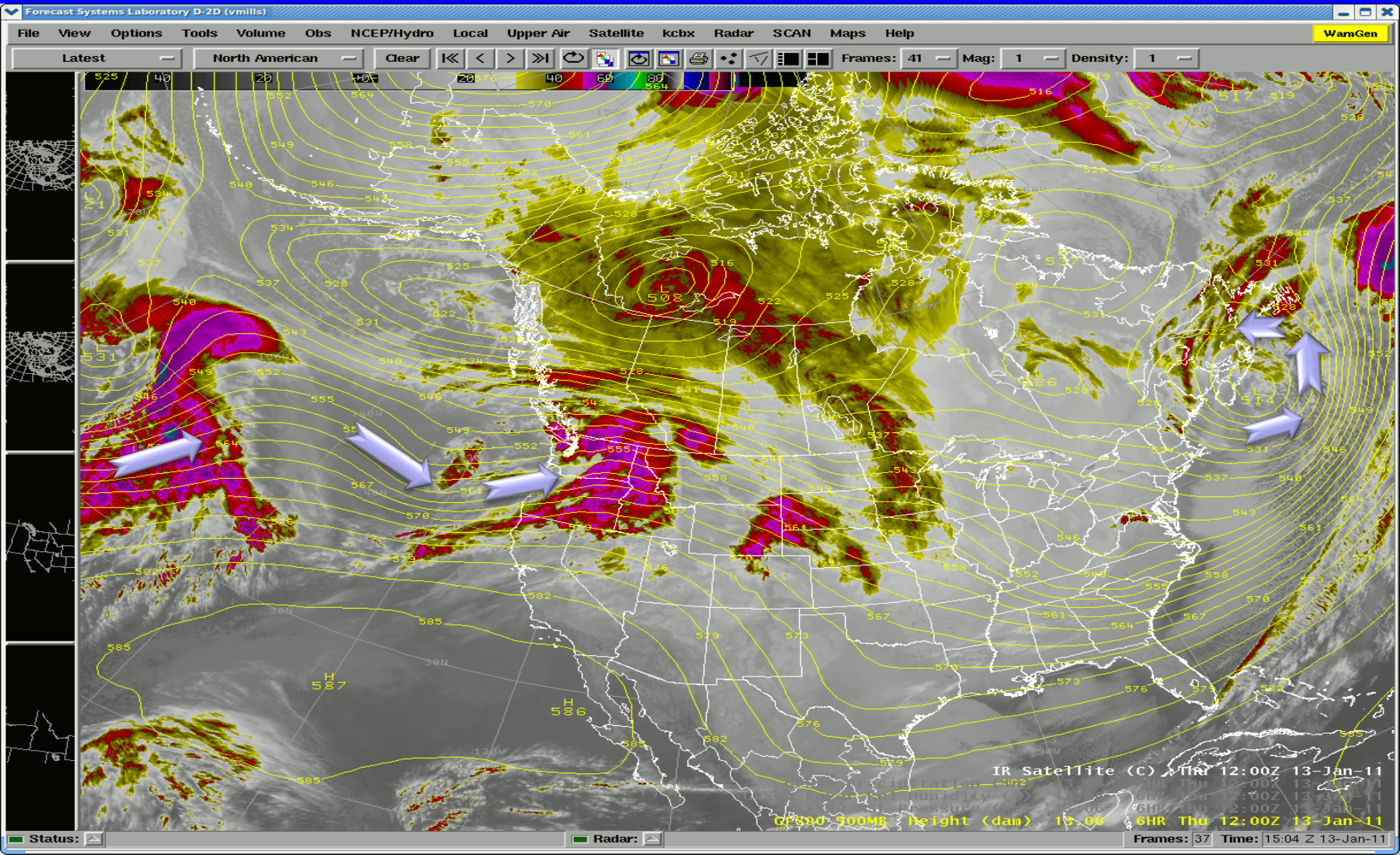
Creation Time: Mon, Jan 10, 2011

Northwest River Forecast Center

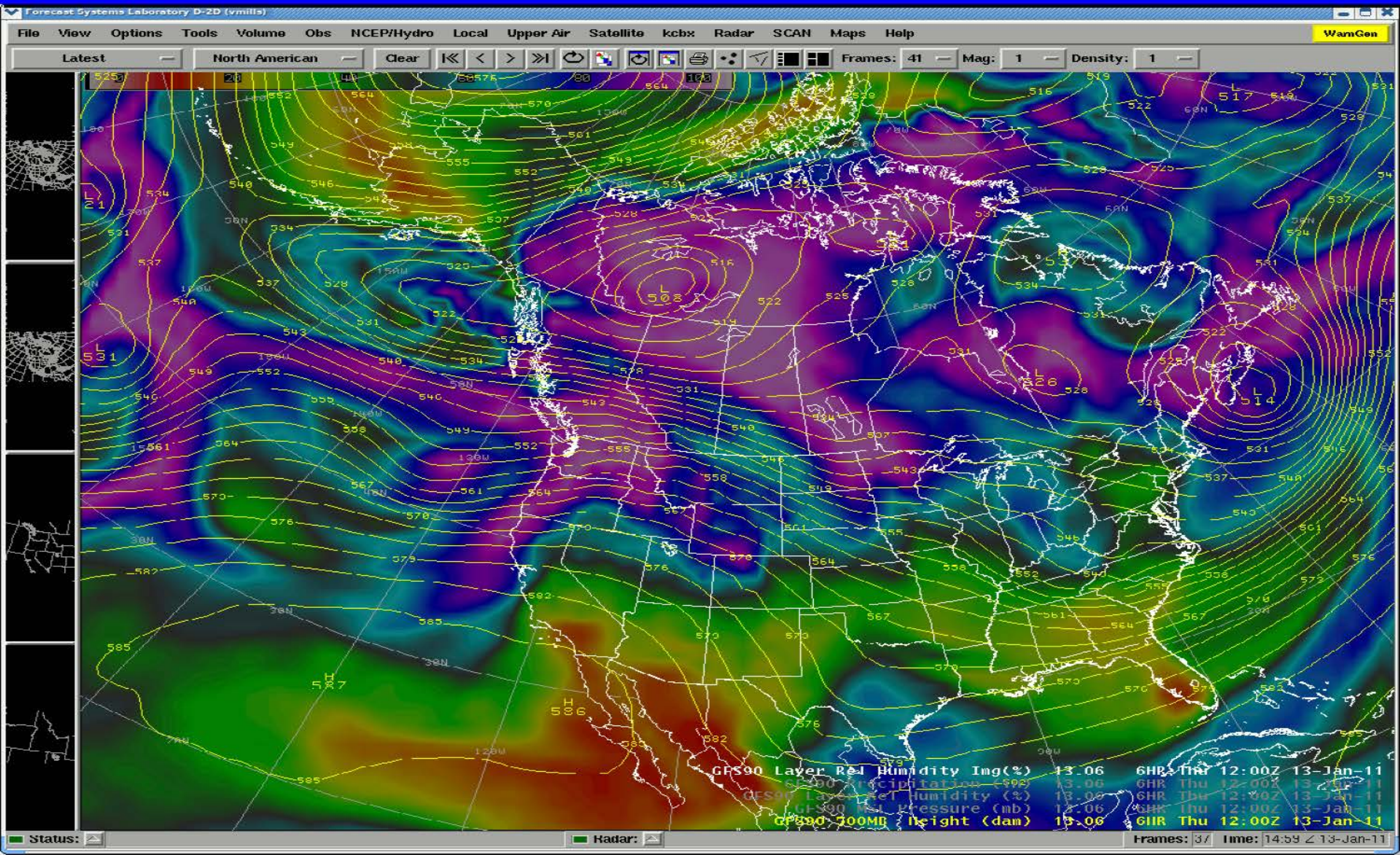
Temperature and Precipitation at Boise



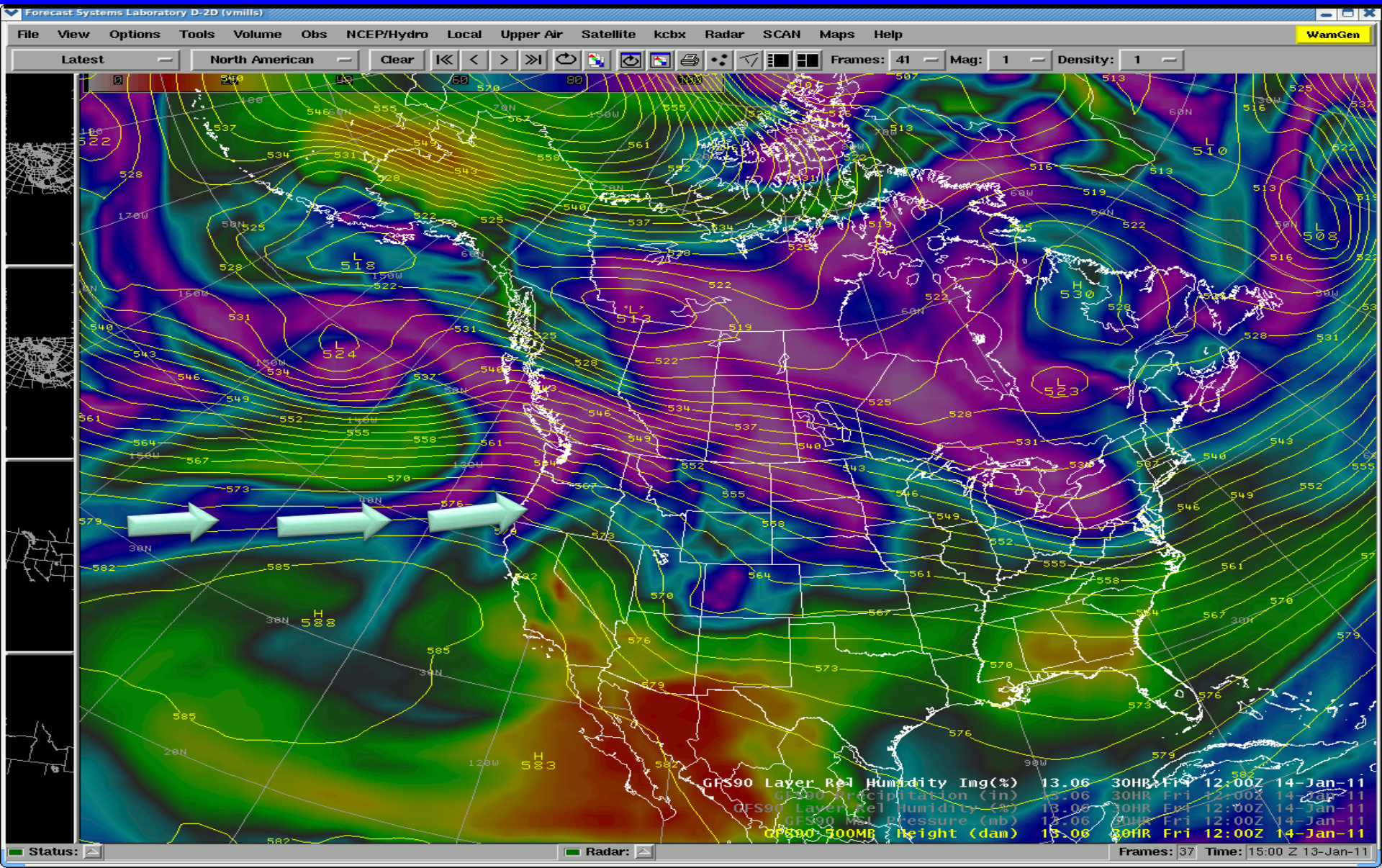
Thursday - Jan 13th
IR Satellite Imagery / 500 mb heights



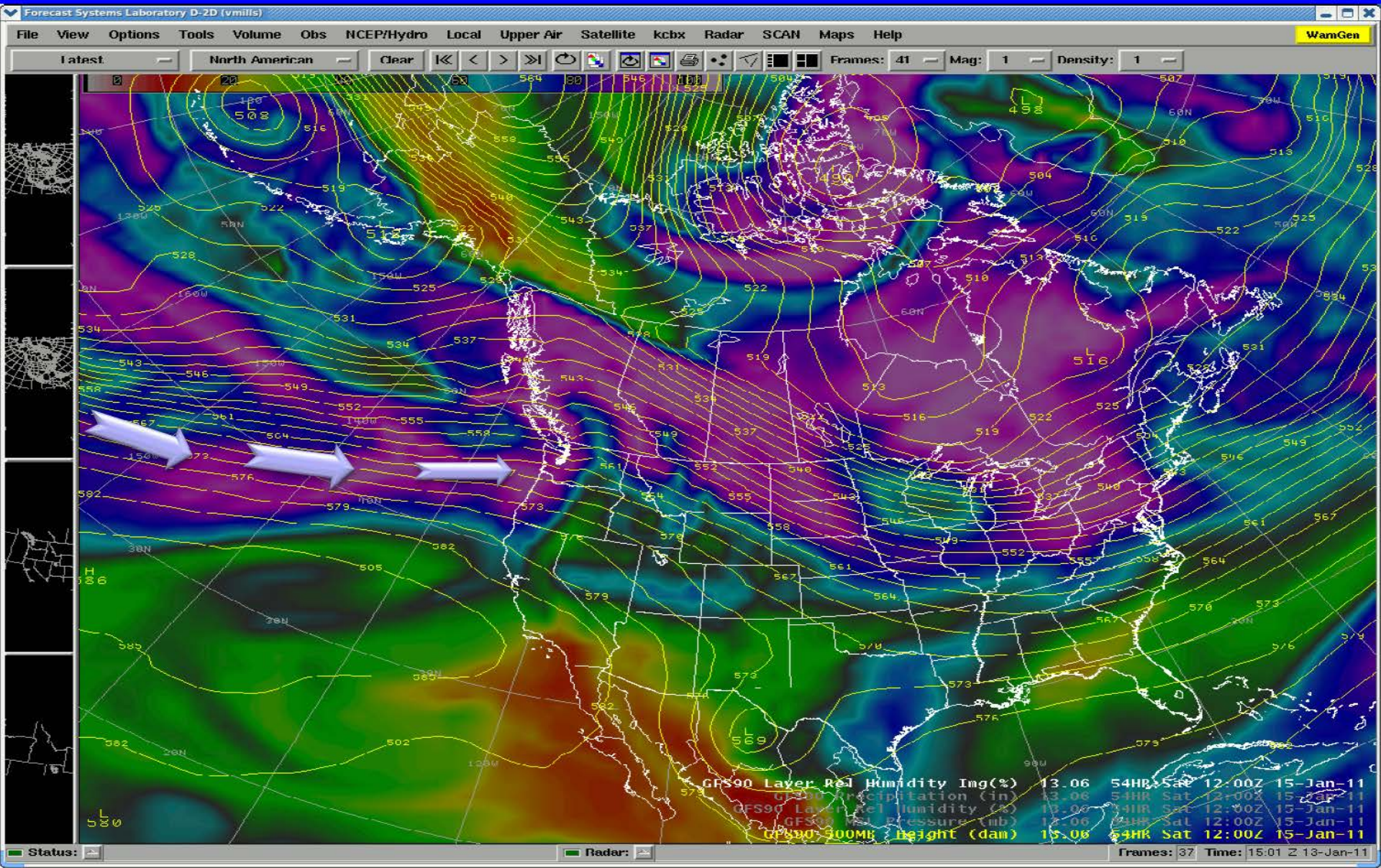
Thursday - Jan 13th
500 mb heights / model precipitation



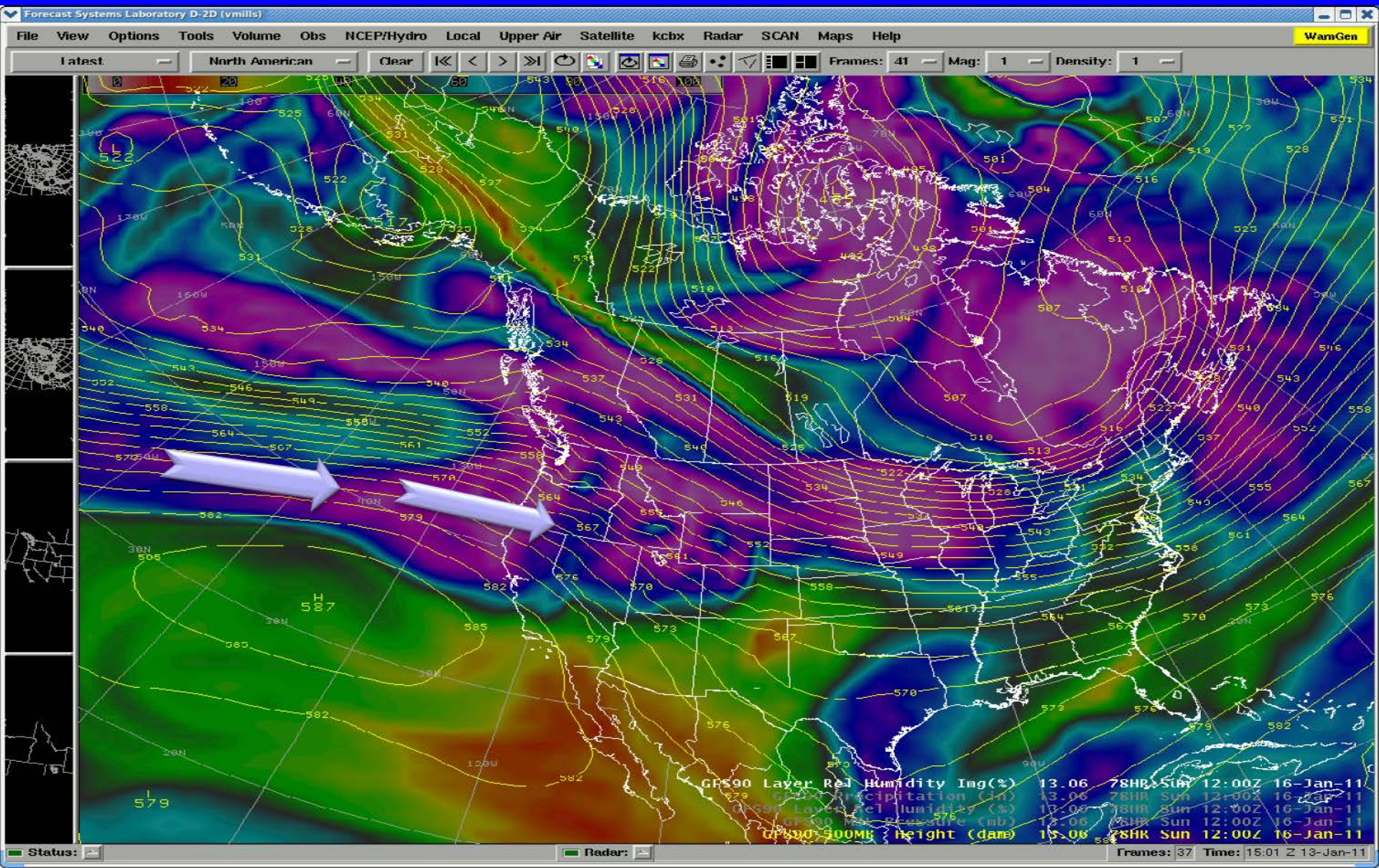
Friday, Jan 14th
500 mb heights / model precipitation



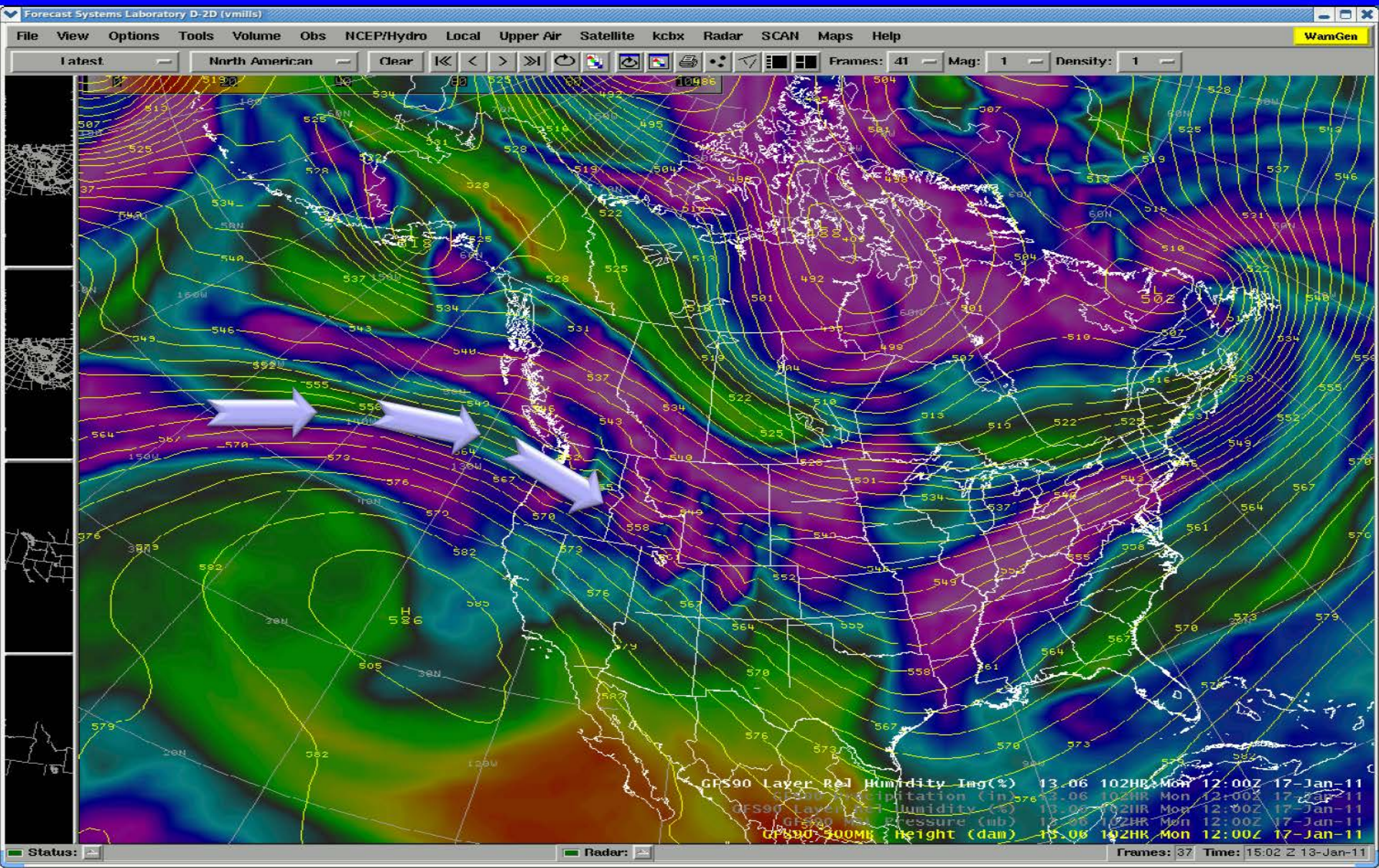
Saturday, January 15th



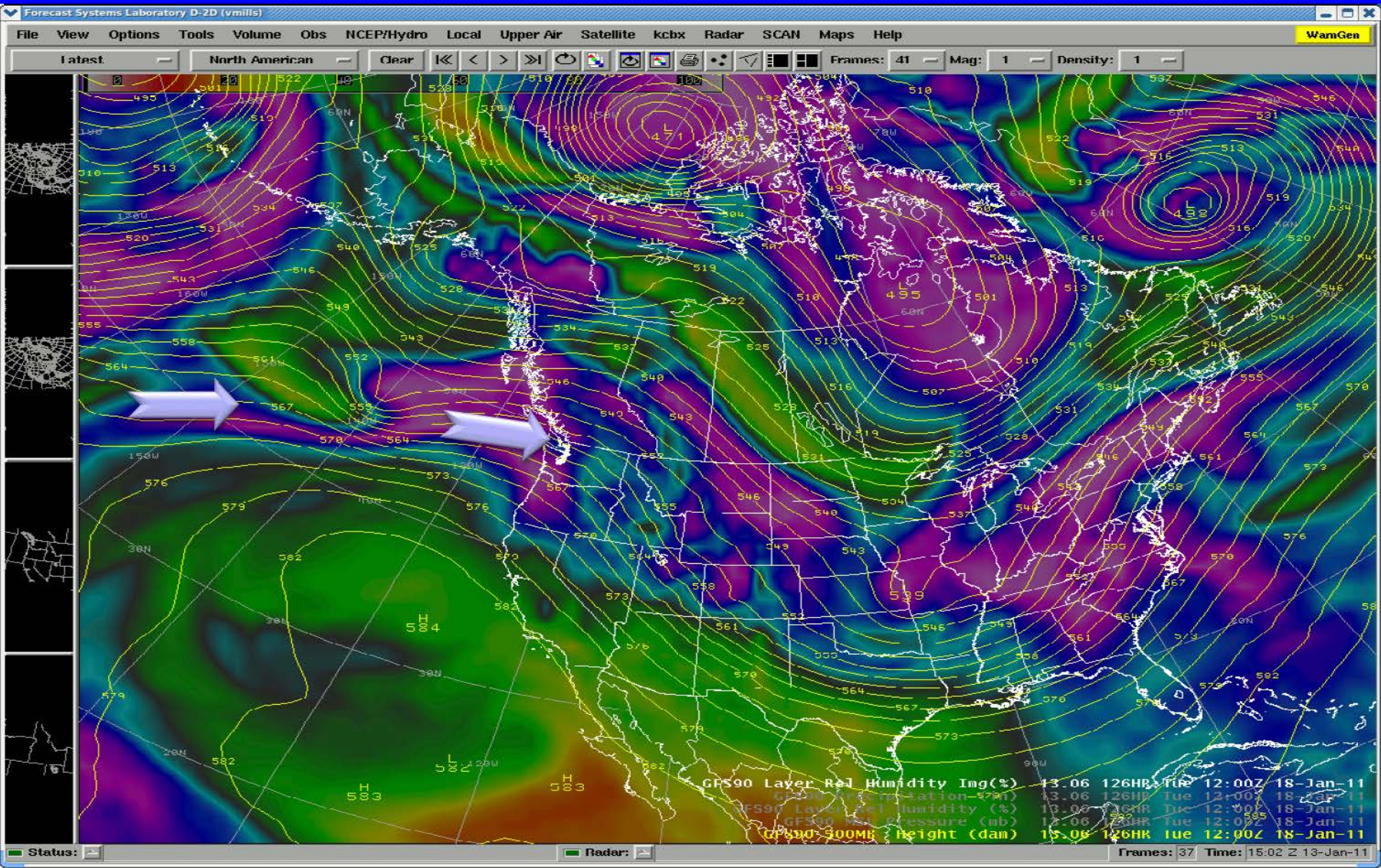
Sunday, January 16th



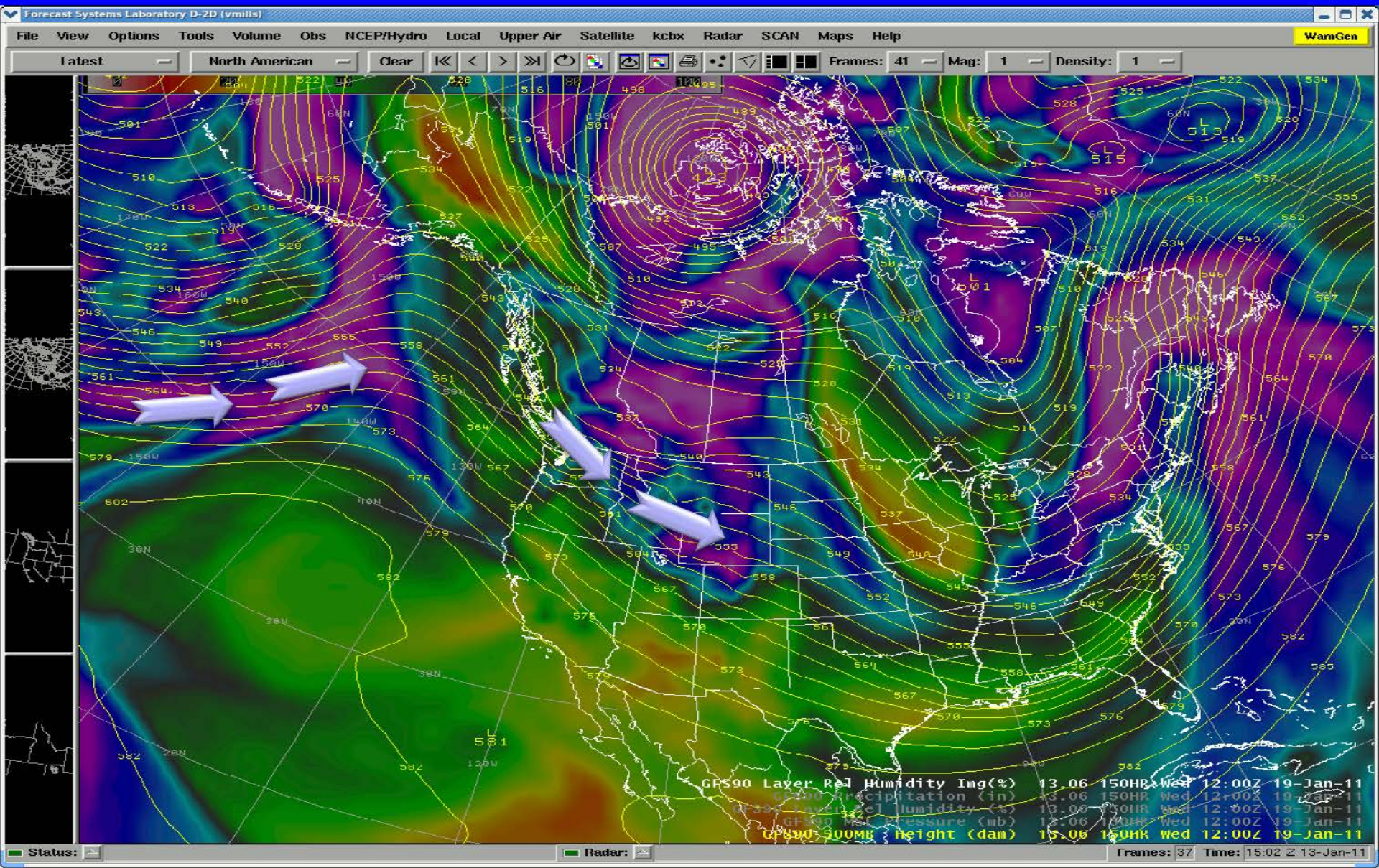
Monday, January 17th



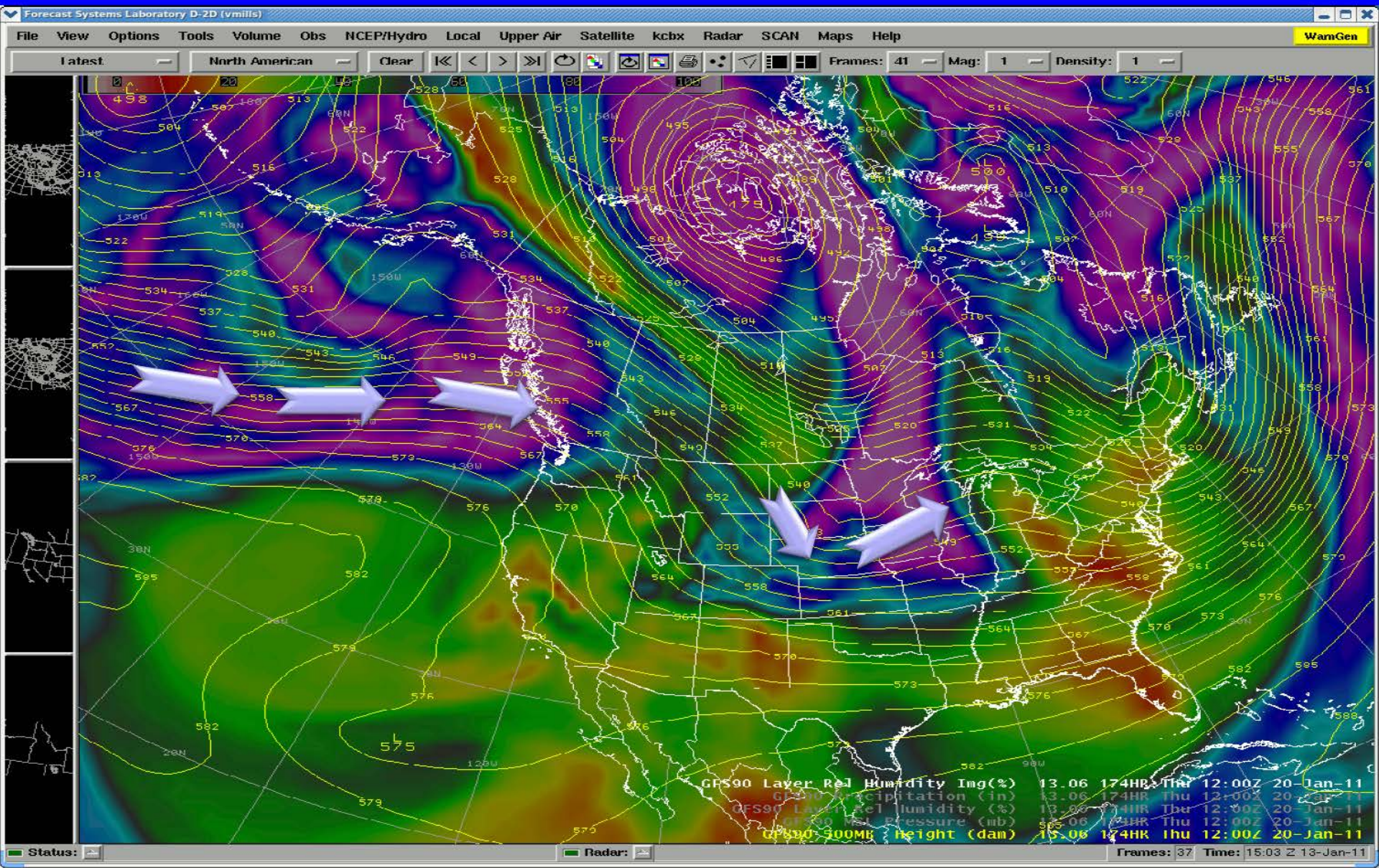
Tuesday, January 18th



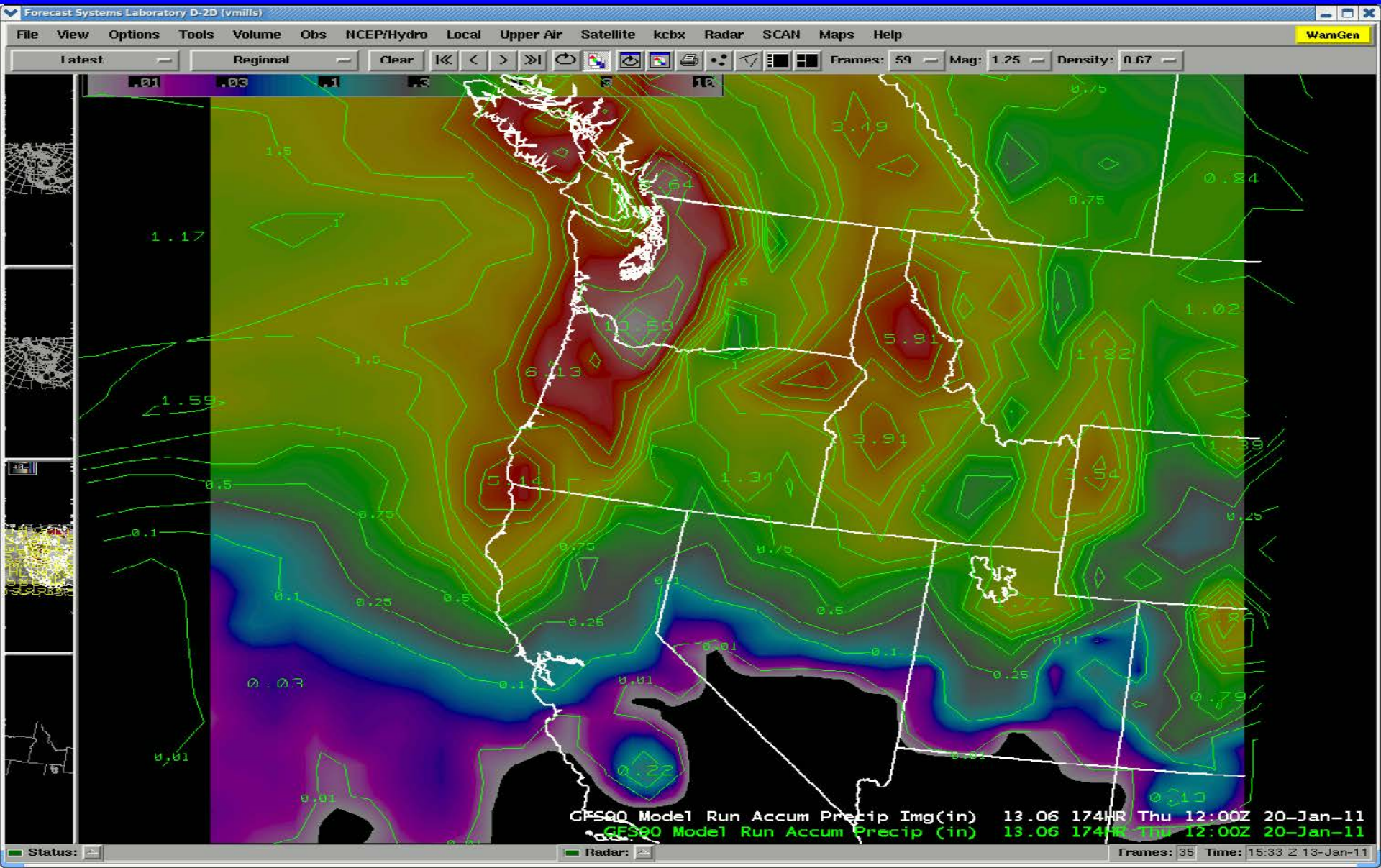
Wednesday, January 19th



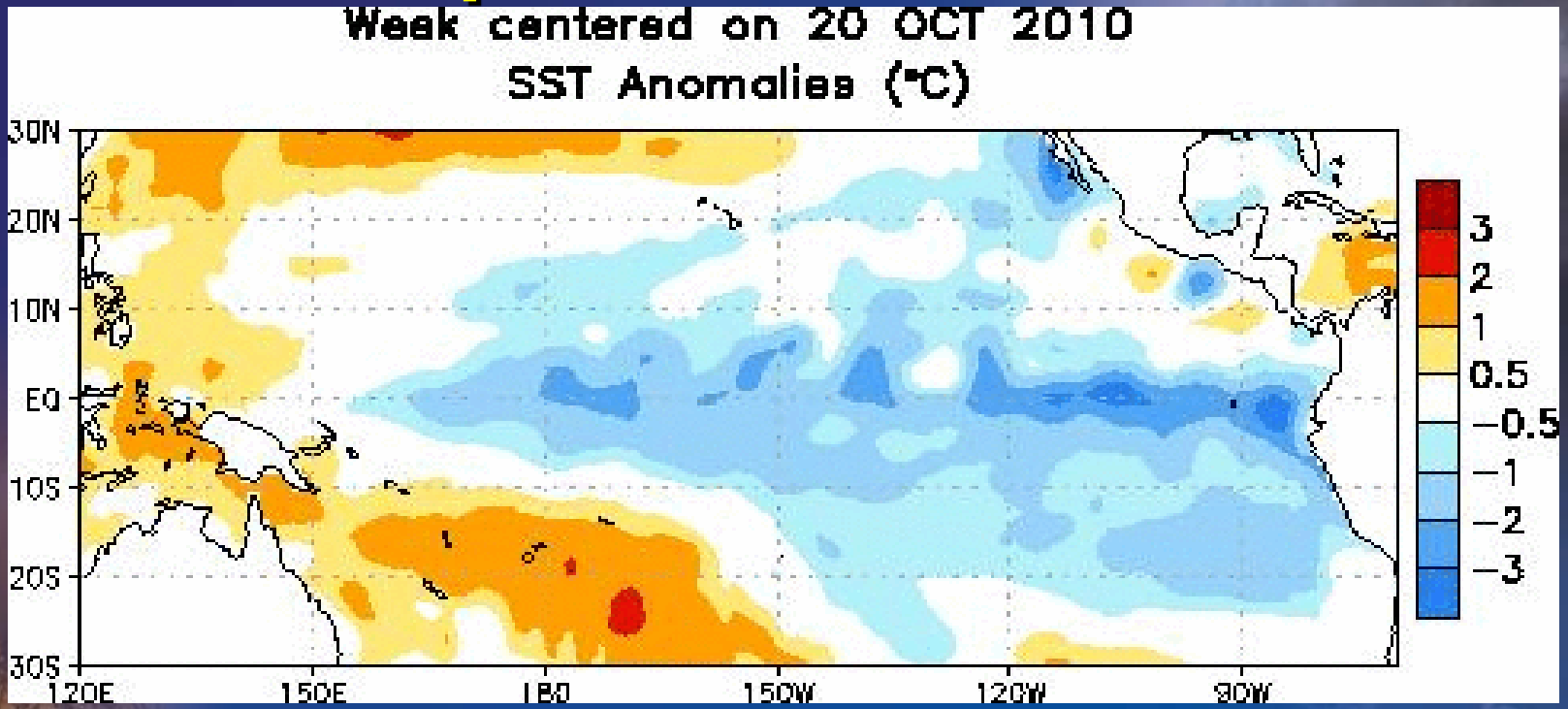
Thursday, January 20th

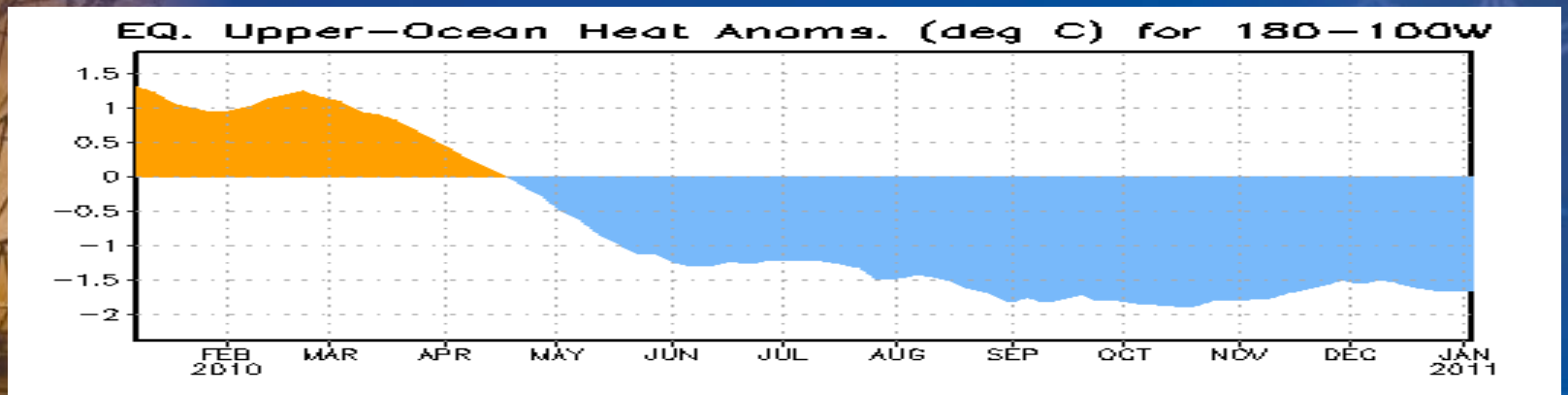


Total Precipitation Ending Saturday, Jan 23rd

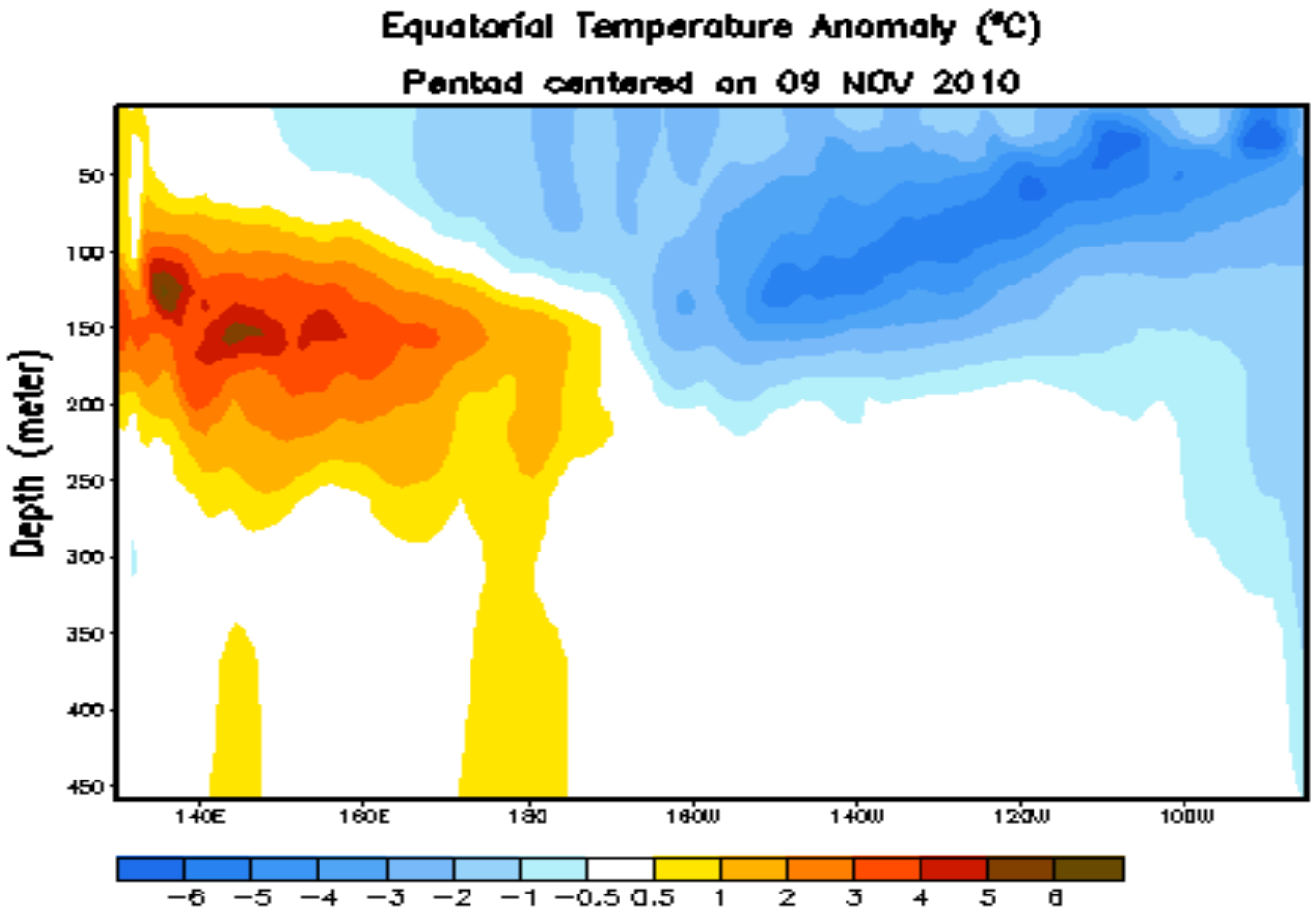


Equatorial Sea Surface Temperature Anomalies

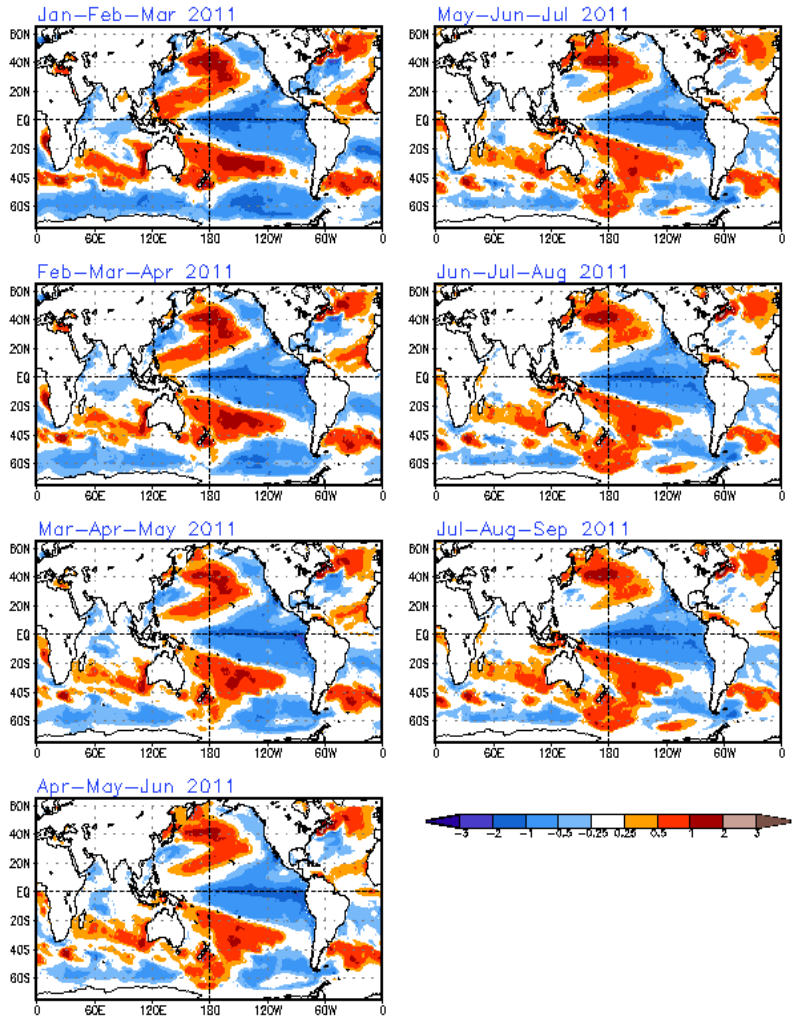




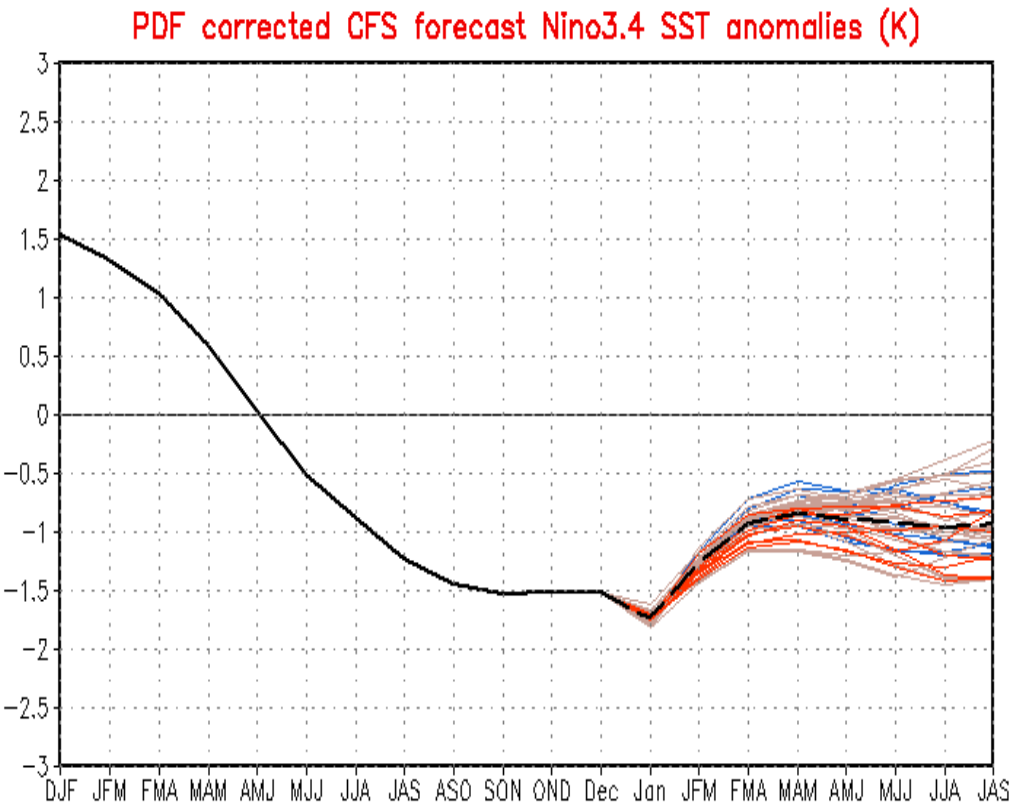
Cold sub-surface anomaly along equator



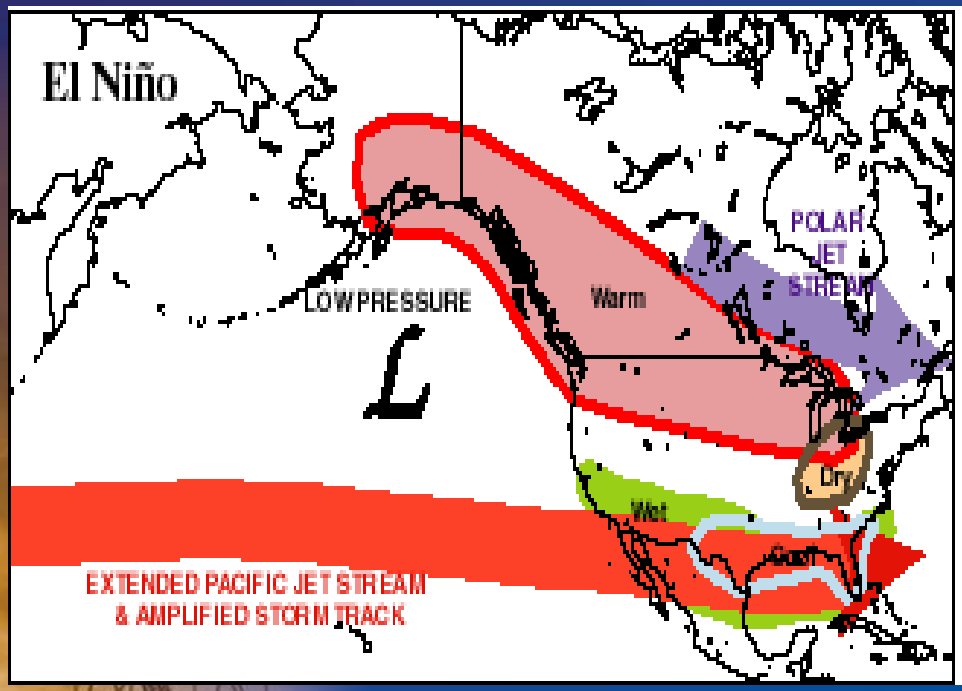
SST Outlook: NCEP CFS Forecast Issued 9 January 2011

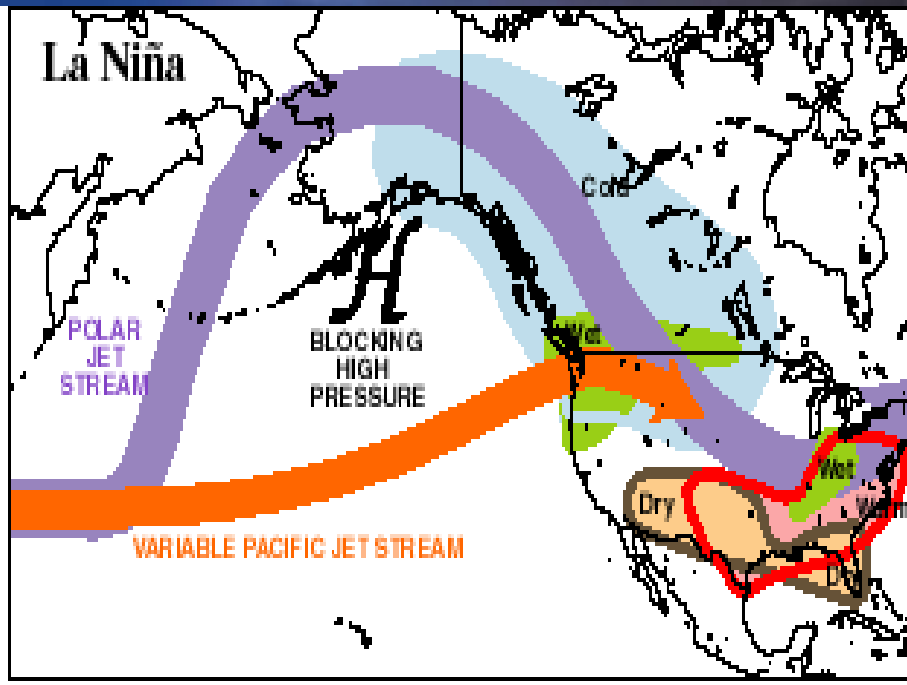


The CFS ensemble mean (black dashed line) predicts La Niña conditions through Northern Hemisphere summer 2011.

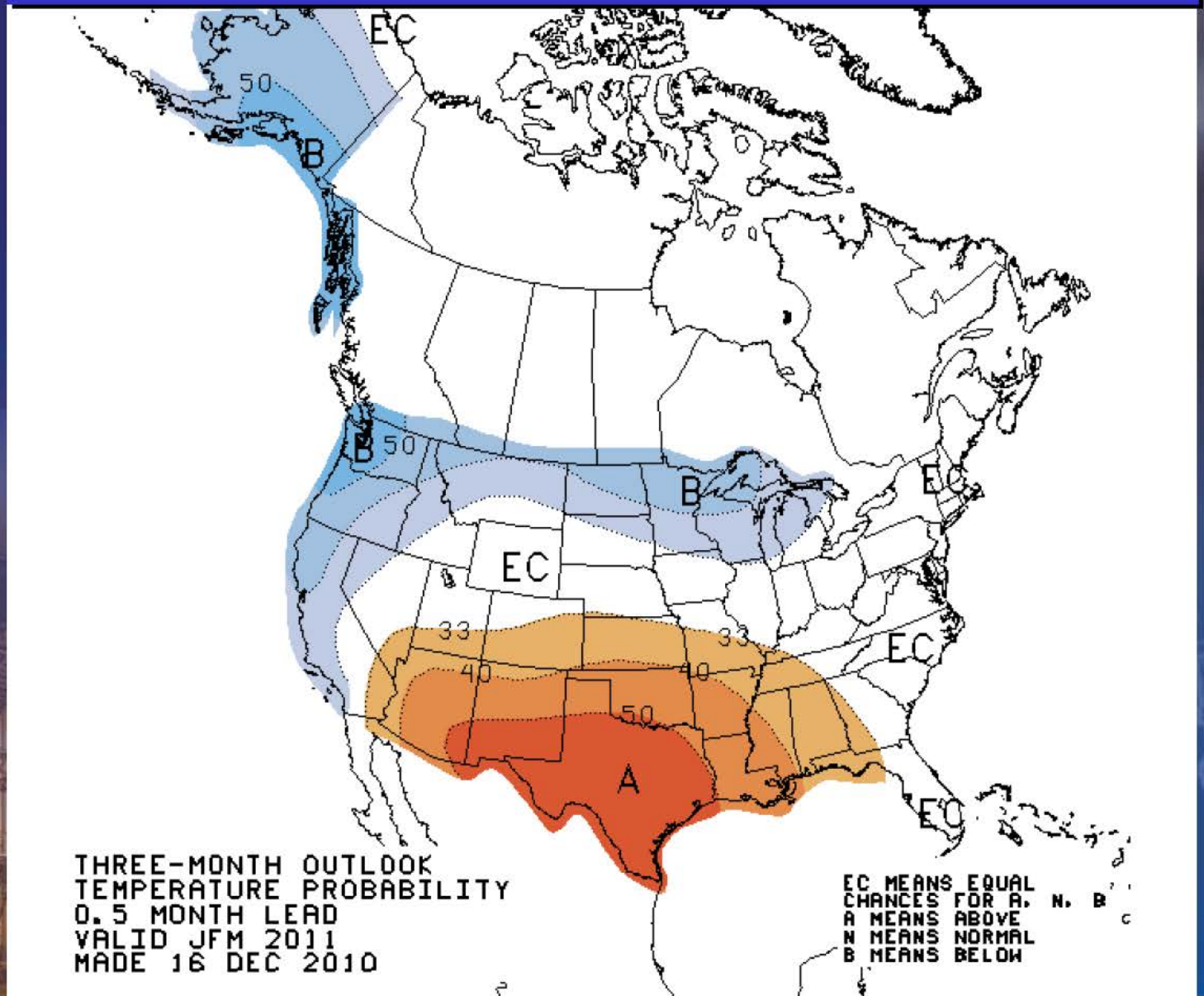


Typical North American Winter Impacts of El-Nino

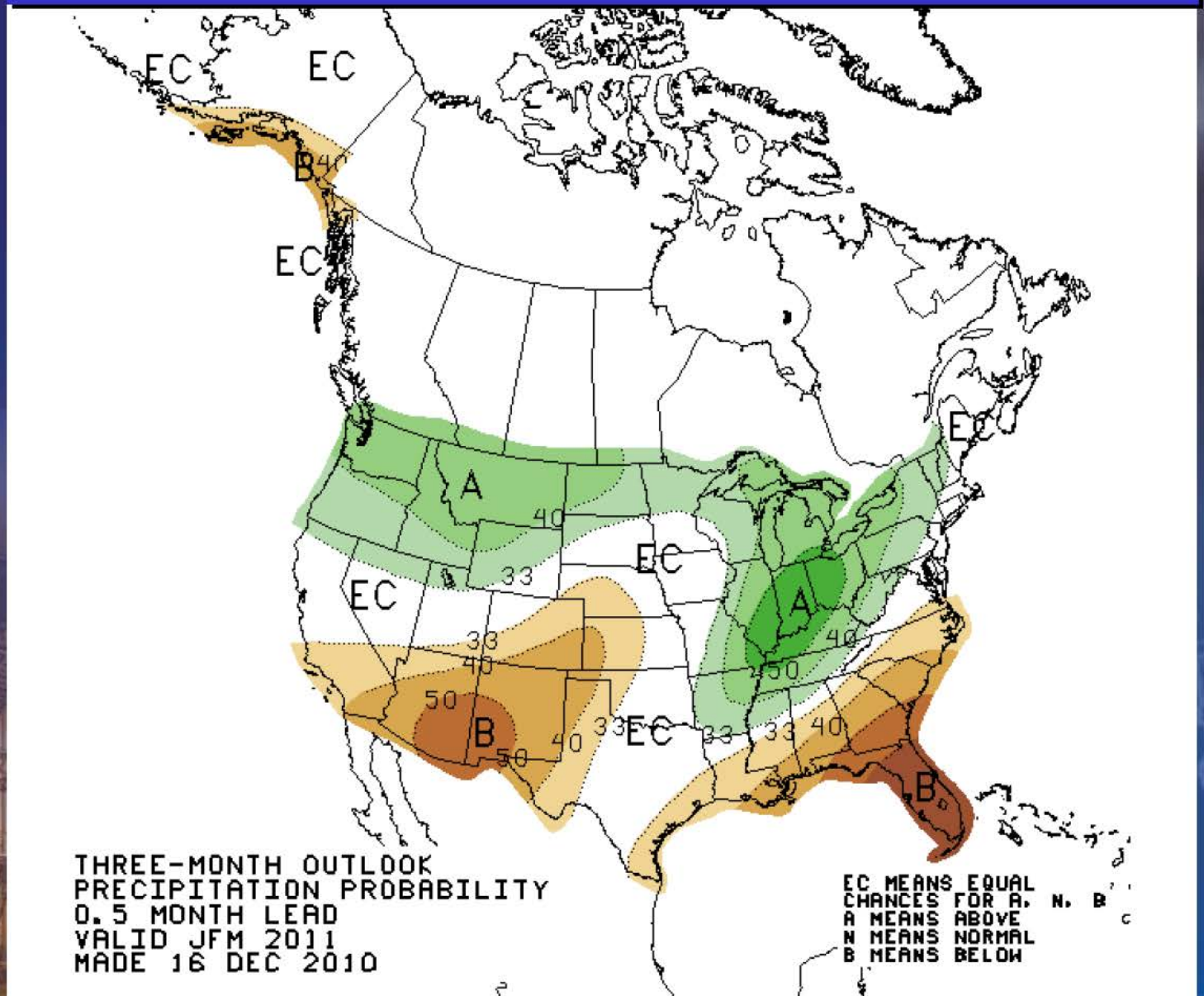




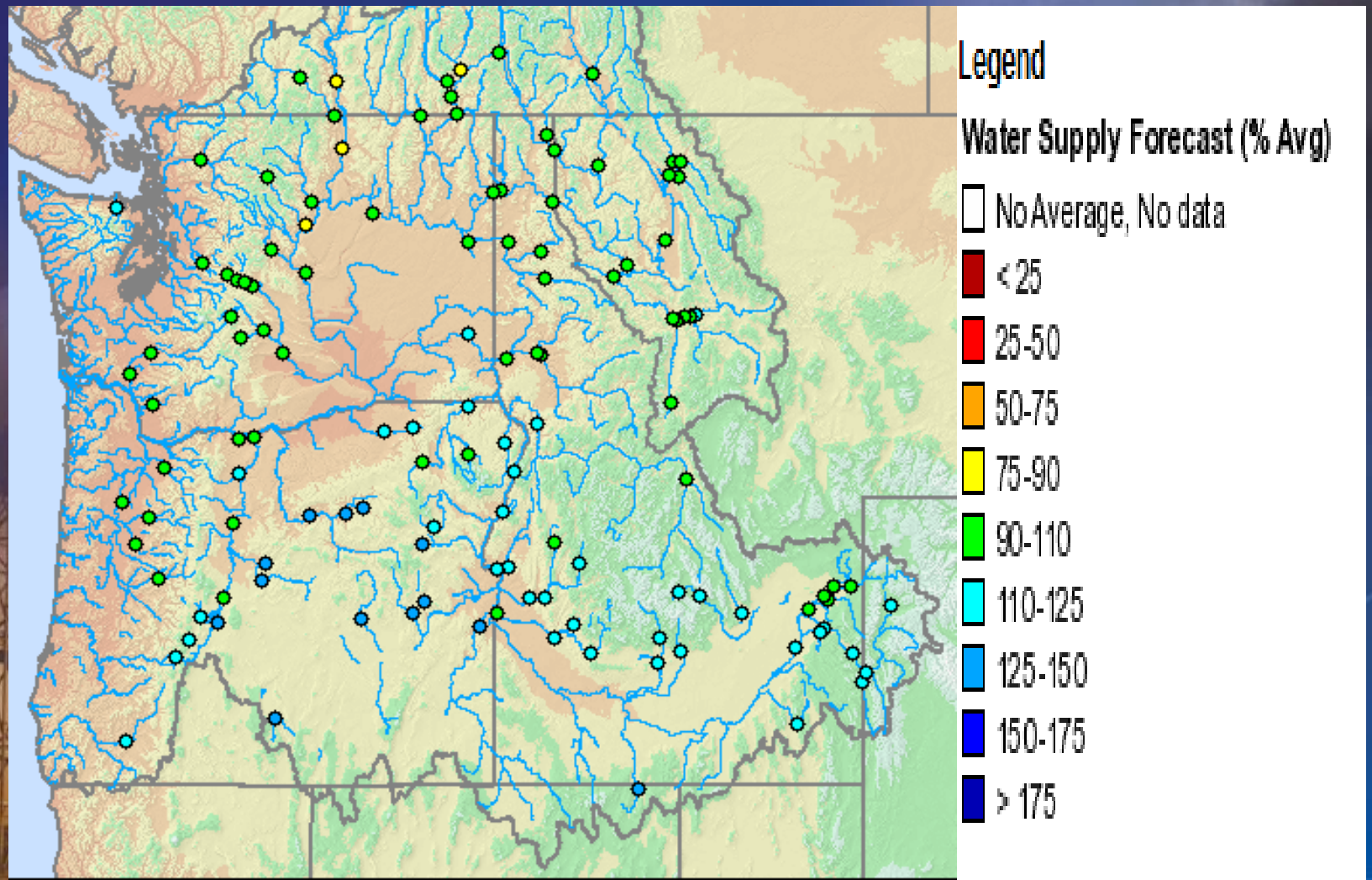
Three Month Outlook (Jan-Mar) Temperatures



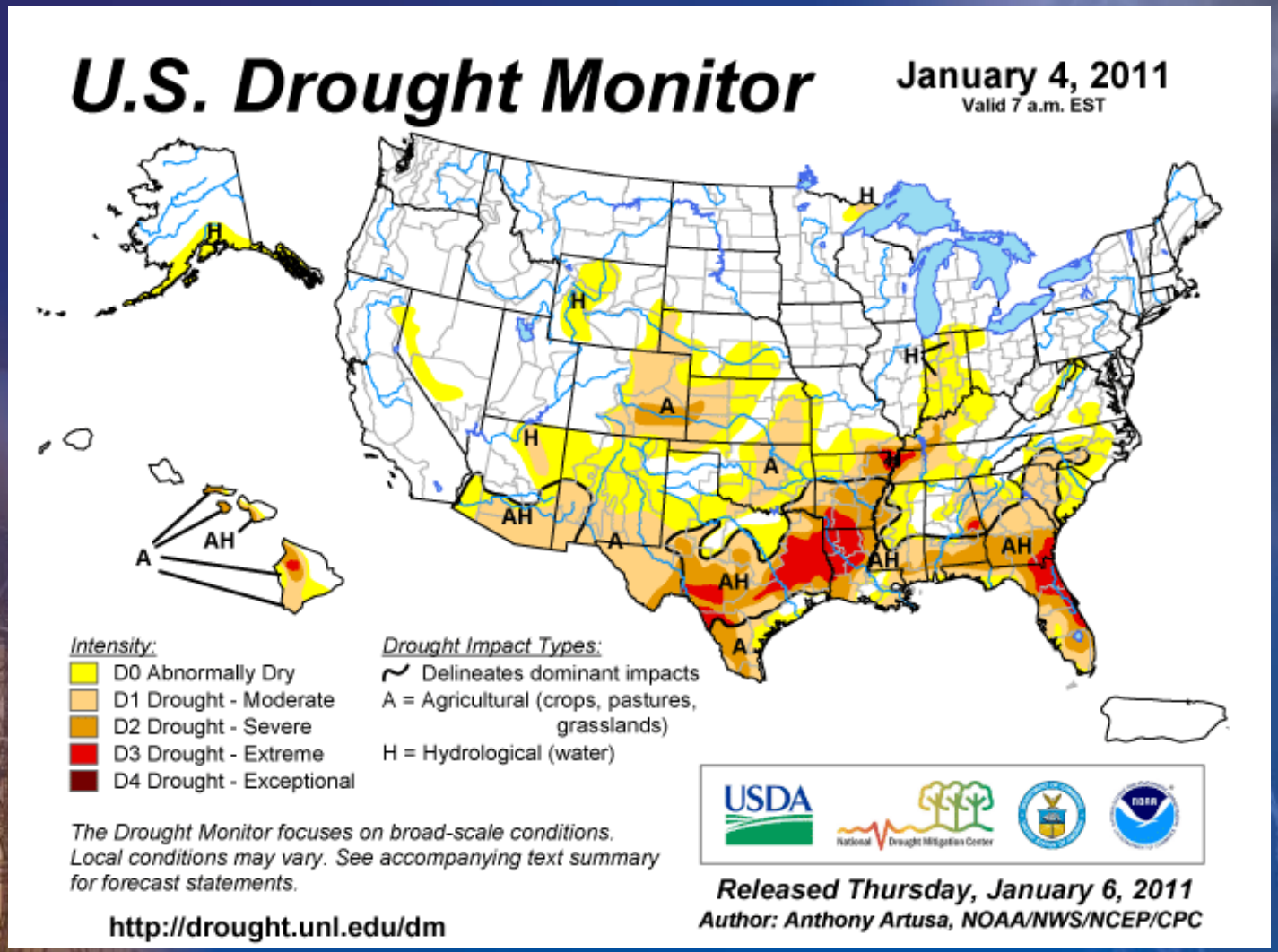
Three Month Outlook (Jan-Mar) Precipitation



Above Normal Water Supply Expected in 2011



Idaho is Drought Free!



Current Information on Web

www.weather.gov/boise

www.nwrfc.noaa.gov