

CARC Update

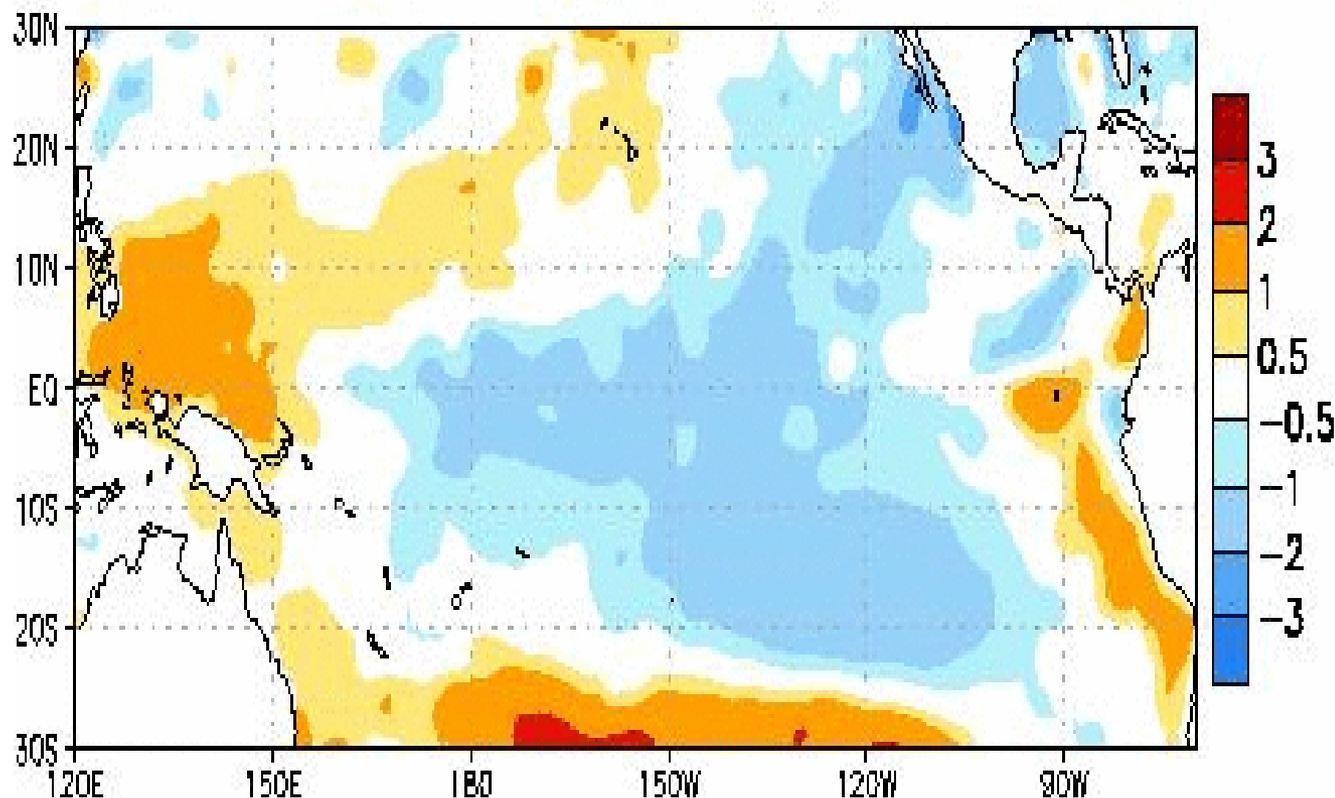
Allen Dutcher
State Climatologist - Nebraska
adutcher1@unl.edu
(402)-472-5206



Equatorial Pacific Sea Surface Temperatures

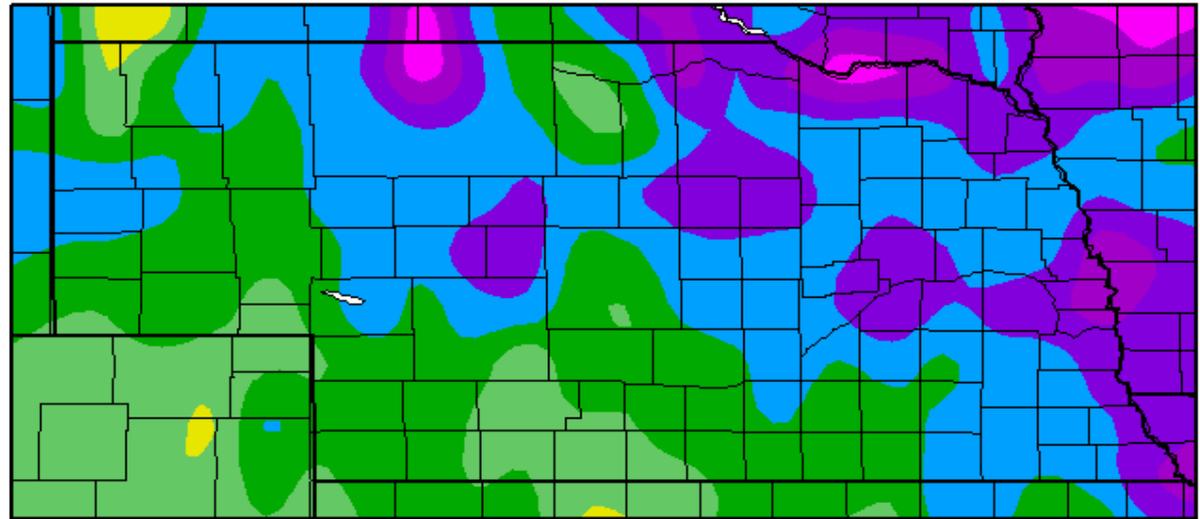
Week centered on 23 FEB 2011

SST Anomalies (°C)



Water Year Precipitation

Precipitation (in)
10/1/2010 – 5/17/2011



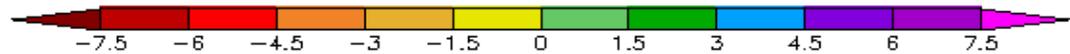
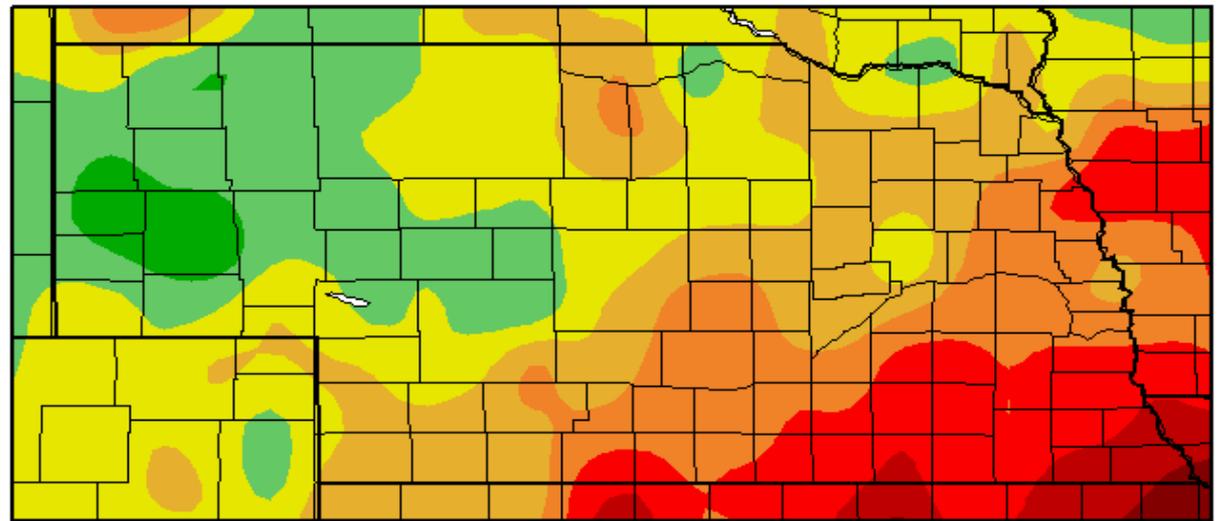
Generated 5/18/2011 at HPRCC using provisional data.

Regional Climate Centers



Water Year Precipitation Departures

Departure from Normal Precipitation (in)
10/1/2010 – 5/17/2011



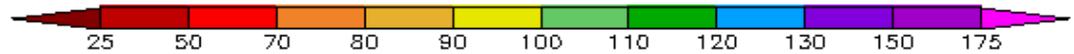
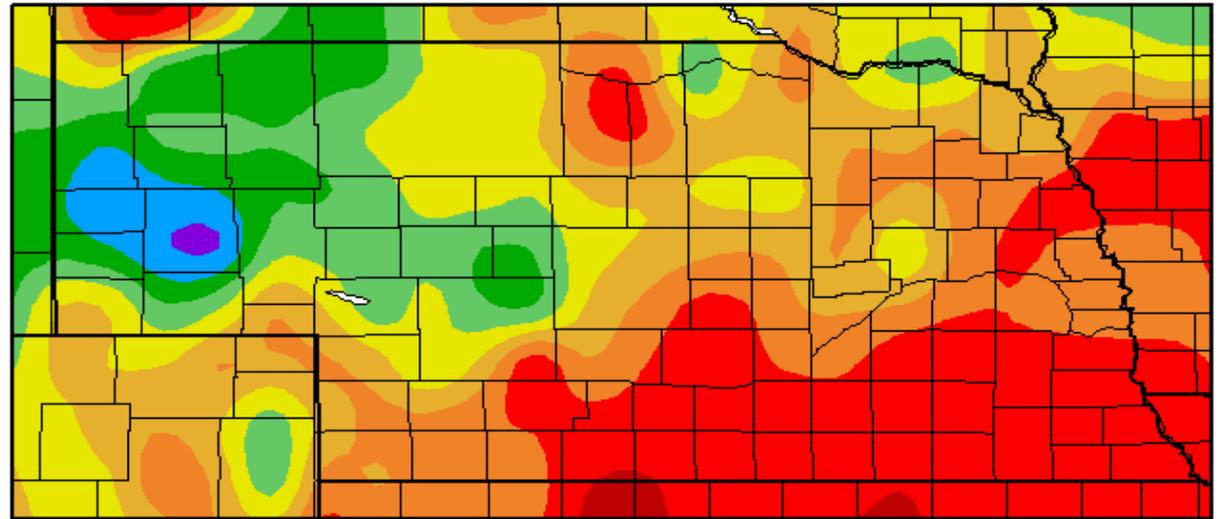
Generated 5/18/2011 at HPRCC using provisional data.

Regional Climate Centers



Water Year Percent of Normal

Percent of Normal Precipitation (%)
10/1/2010 – 5/17/2011



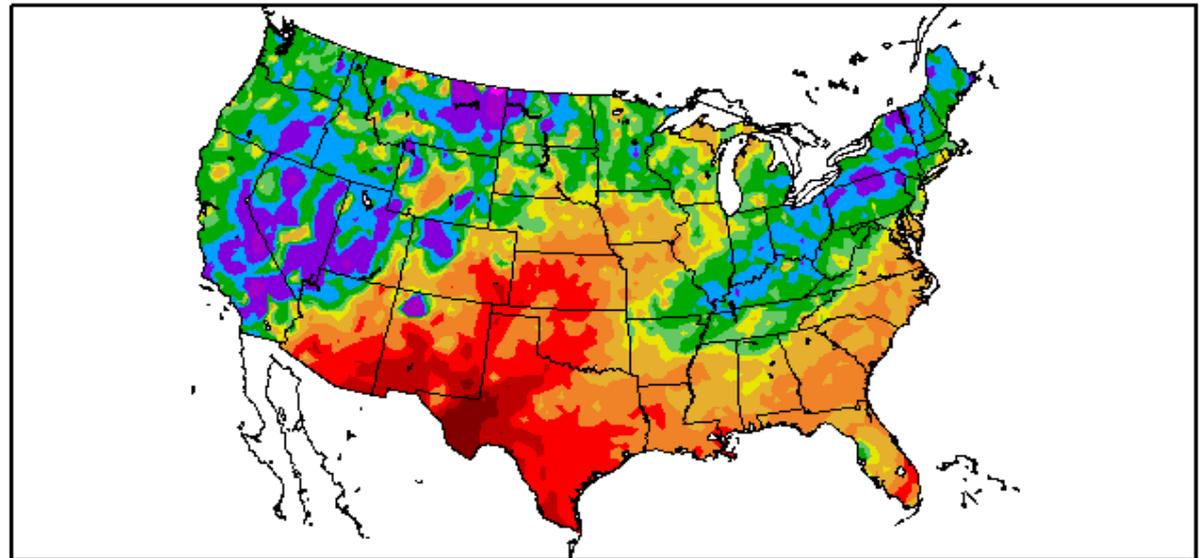
Generated 5/18/2011 at HPRCC using provisional data.

Regional Climate Centers



Water Year Percent of Normal Precipitation - National

Percent of Normal Precipitation (%)
10/1/2010 – 5/17/2011



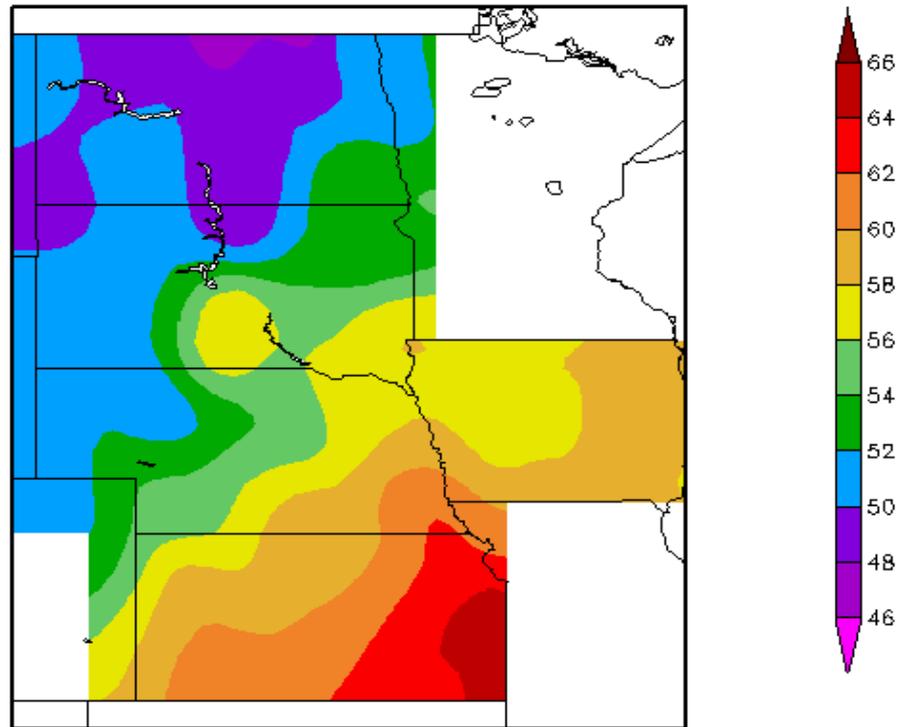
Generated 5/18/2011 at HPRCC using provisional data.

Regional Climate Centers



Current 7-Day Soil Temperatures

Soil Temperature (F at 4 inches)
5/11/2011 – 5/17/2011



High Plains Regional Climate Center
Generated 5/18/2011 using AWDN data.

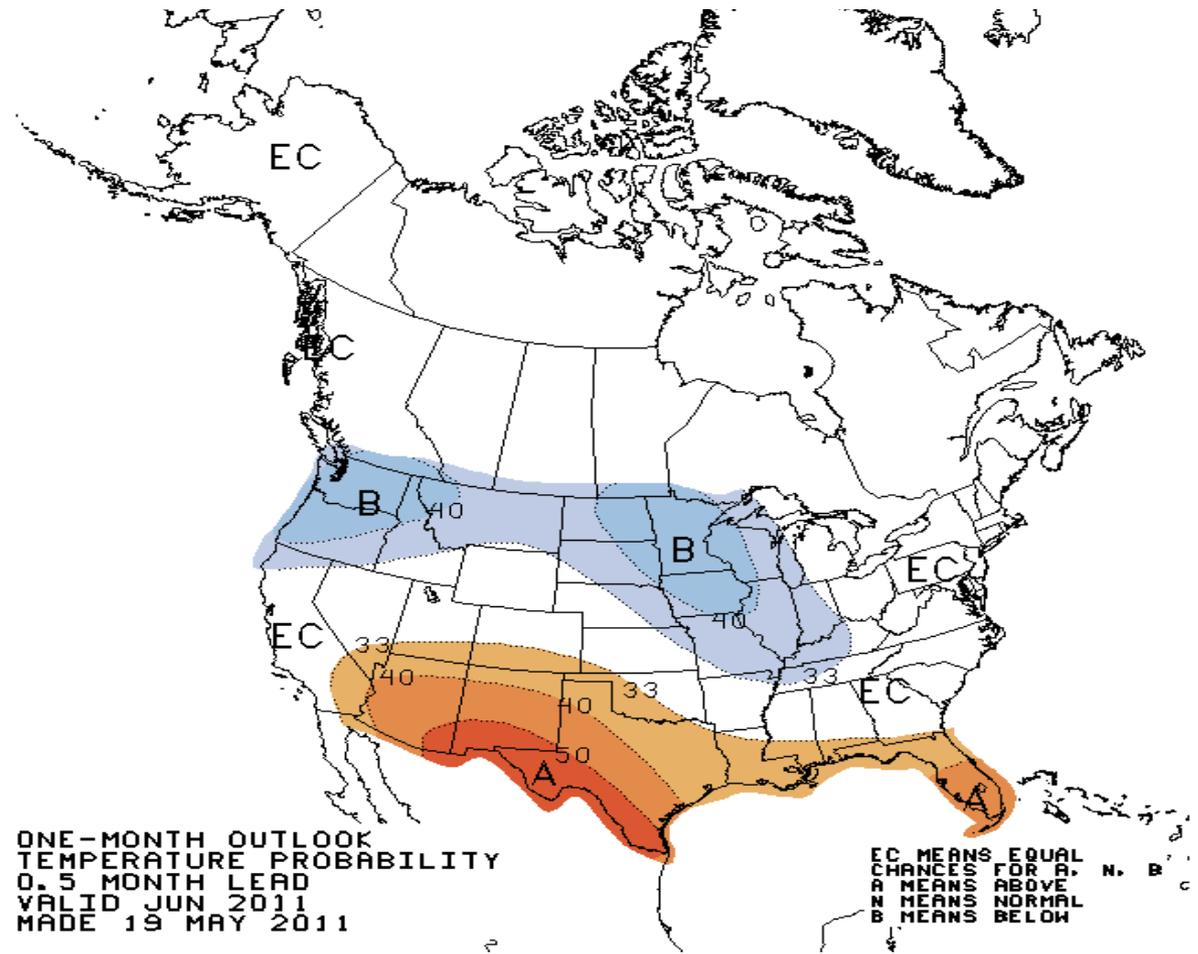


Platte River Update

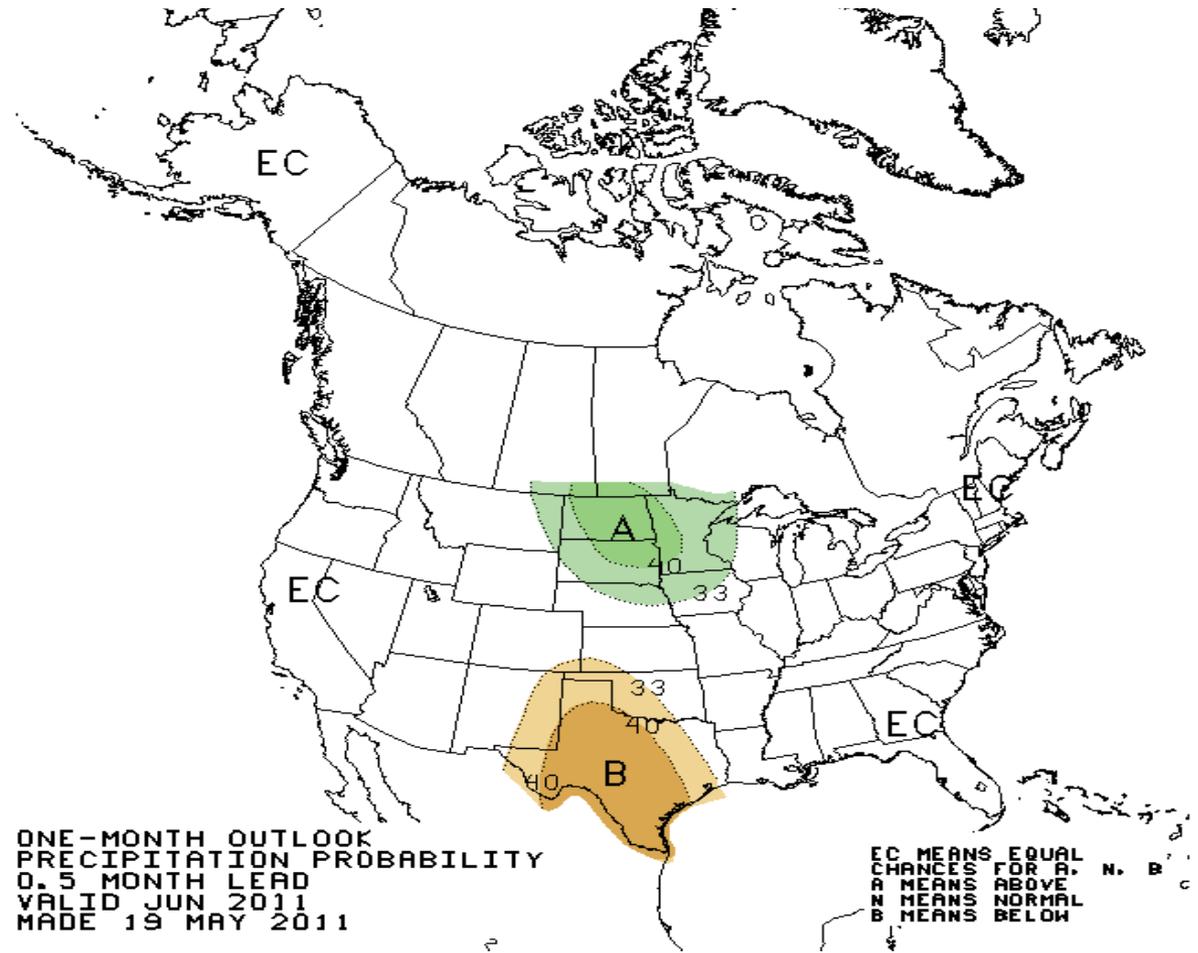
- 2 Million acre-feet of runoff projected
- Current storage: 830,000 acre-feet
- Flood pool storage: 250,000 acre-feet
- Water releases increased by CNPPID with high flows for at least 30 days
- Near record to record river stages and doesn't include southern branch flows
- Sudden warmth and/or heavy rainfall would aggravate the situation
- Irrigation will determine summer flood risk



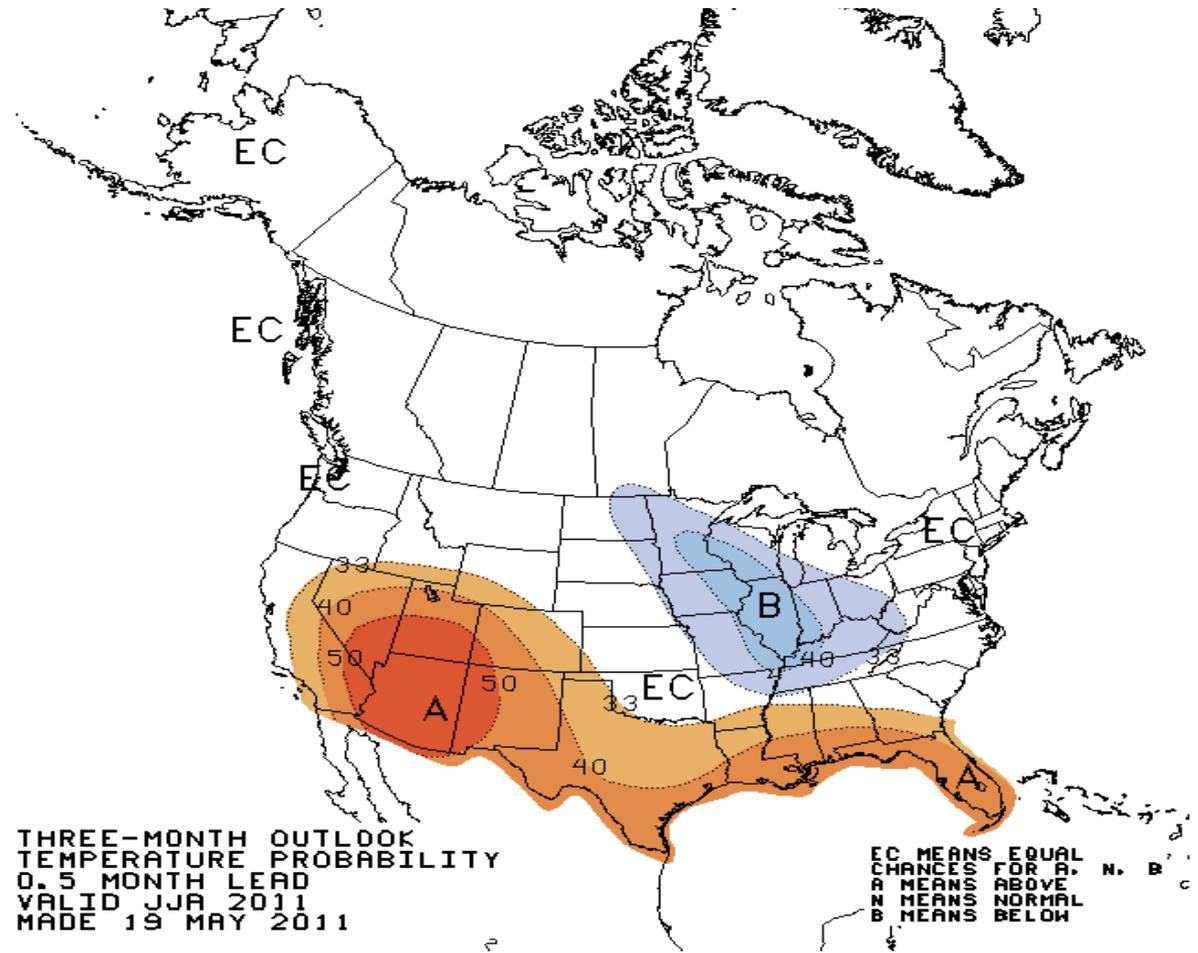
June Temperature Outlook



June Precipitation Outlook



June-August Temperature Outlook



June-August Precipitation Outlook

