Water Availability and Outlook Committee Report

April 24, 2012
National Monthly Average Temperature Trends

(October – Present)
October

Departure from Normal Temperature (F)
10/1/2011 – 10/31/2011

November

Departure from Normal Temperature (°F)

Generated 12/11/2011 at HPRCC using provisional data.
February

Departure from Normal Temperature (F)
2/1/2012 – 2/29/2012

Generated 3/11/2012 at HPRCC using provisional data.

Regional Climate Centers
April

Departure from Normal Temperature (F)
4/1/2012 – 4/22/2012

Generated 4/23/2012 at HPRCC using provisional data.
National Monthly Precipitation Trends

(October – Present)
October

Percent of Normal Precipitation (%)
10/1/2011 - 10/31/2011

November

Percent of Normal Precipitation (%)

Generated 12/11/2011 at HPRCC using provisional data.
January

Percent of Normal Precipitation (%)  
1/1/2012 – 1/31/2012

Generated 2/11/2012 at HPRCC using provisional data
February

Percent of Normal Precipitation (%)
2/1/2012 – 2/29/2012

Generated 3/11/2012 at HPRCC using provisional data.
March

Percent of Normal Precipitation (%)
3/1/2012 - 3/31/2012

Generated 4/11/2012 at HPRCC using provisional data.
April

Percent of Normal Precipitation (%)
4/1/2012 - 4/22/2012

Generated 4/23/2012 at HPRCC using provisional data.
Composite Trends

(October – Present)
Week centered on 01 FEB 2012
SST (°C)

Anomalies (°C)
National Precipitation Trend

Percent of Normal Precipitation (%)
10/1/2011 - 4/22/2012

Generated 4/23/2012 at HPRCC using provisional data.
Regional Climate Centers
National Temperature Trend

Departure from Normal Temperature (F)
10/1/2011 – 4/22/2012

Generated 4/23/2012 at HPRCC using provisional data.
Nebraska Precipitation Departures

Departure from Normal Precipitation (in)
10/1/2011 - 4/21/2012

Generated 4/22/2012 at HPRCC using provisional data.
Nebraska Percent of Normal Precipitation

Percent of Normal Precipitation (%)
10/1/2011 - 4/22/2012

Generated 4/23/2012 at HPRCC using provisional data.
90-day Precipitation Trend

Percent of Normal Precipitation (%)
3/24/2012 - 4/22/2012

Generated 4/23/2012 at HPRCC using provisional data.
30-day Precipitation Trend

Percent of Normal Precipitation (%)
1/24/2012 - 4/22/2012

Generated 4/23/2012 at HPRCC using provisional data.
El Nino Summer Precipitation Tendency

JJA EL NINO PRECIPITATION ANOMALIES (MM) AND FREQUENCY OF OCCURRENCE (%)
El Nino Summer Temperature Tendency
La Nina Summer Precipitation Tendency
La Nina Summer Temperature Tendency

JJA LA NINA TEMPERATURE ANOMALIES (°C) AND FREQUENCY OF OCCURRENCE (%)
Current Upper Air Pattern
Conclusions

- Persistent dryness northeast
- Short term dryness Panhandle
- Abysmal snowpack
- Early green up – frost/freeze?
- Plant water cycle advanced
- Planting advanced
- Fire danger – low RH high winds
- Early severe weather
- La Nina out – El Nino in?
- Drought Alert