Recap of the May 4-10 data week: Although not as wet as the preceding week, most (not all) of our coverage area received between 0.25-0.75” totals. Totals of 1+” were most common in parts of Valley, Greeley, Sherman, Dawson, York, Polk, Mitchell counties. This week’s Drought Monitor made more limited improvements, including removal of D3 from our northern counties.

Looking ahead May 12-19: Although exceptions will almost certainly occur due to thunderstorm variability, MOST of our coverage area is currently expected to receive at least 0.25-1.00”.

Key Drought Messages of the Week:

- **Abnormally Dry (D0)**: Going into drought: short-term dryness slowing planting, growth of crops or pastures; fire risk above average.
- **Moderate Drought (D1)**: Some damage to crops or pastures; fire risk high; streams, reservoirs or wells low, some water shortages developing or imminent.
- **Severe Drought (D2)**: Crop or pasture losses likely; fire risk very high; water shortages common; water restrictions imposed.
- **Extreme Drought (D3)**: Major crop or pasture loss; extreme fire danger; widespread water shortages or restrictions.

https://droughtmonitor.unl.edu/
Since Last Week: More Limited Improvements From Recent Rains!

**U.S. Drought Monitor**

High Plains

- **Intensity:**
  - None
  - D0 Abnormality Dry
  - D1 Moderate Drought
  - D2 Severe Drought
  - D3 Extreme Drought
  - D4 Exceptional Drought

**Map:**

- **Location:** Hastings, NE
- **Last Updated:** May 10, 2022
- **Valid:** 8 a.m. EDT

**Last 2 Weeks:** Many Places Had WAY MORE PRECIP Than During The Previous 6 MONTHS!

<table>
<thead>
<tr>
<th>Location</th>
<th>TOTAL Precip: Oct 27-Apr 27 (the preceding 6 MONTHS)</th>
<th>TOTAL Precip: Apr 28-May 10 (the last 2 WEEKS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elwood 8S (NWS observer)</td>
<td>1.28”</td>
<td>3.22”</td>
</tr>
<tr>
<td>Lexington 6SSE (NWS observer)</td>
<td>1.39”</td>
<td>2.83”</td>
</tr>
<tr>
<td>Oxford 6NNNW (NWS observer)</td>
<td>1.43”</td>
<td>3.61”</td>
</tr>
<tr>
<td>Greeley (NWS observer)</td>
<td>1.58”</td>
<td>2.89”</td>
</tr>
<tr>
<td>Ord (NWS observer)</td>
<td>1.60”</td>
<td>2.63”</td>
</tr>
<tr>
<td>Edison (NWS observer)</td>
<td>1.67”</td>
<td>3.86”</td>
</tr>
<tr>
<td>Cambridge (NWS observer)</td>
<td>1.94”</td>
<td>2.92”</td>
</tr>
<tr>
<td>Holdrege (NWS observer)</td>
<td>1.98”</td>
<td>2.96”</td>
</tr>
</tbody>
</table>
• South Central/Central Nebraska (24 local counties):
  *(ZERO Degradation...all change was improvement)*
  - main change was improvement of northern D3 area → D2 (north of I-80)
  - parts of mainly York and Merrick area D2→D1
  - a small part of mainly Furnas/Gosper area D2→D1

• North Central Kansas (6 local counties):
  *(ZERO Degradation...all change was improvement)*
  - majority of area unchanged
  - Small sliver of Mitchell/Osborne counties D2→D1
Although not as wet as the preceding week, most (not all) of our coverage area at least received somewhere between 0.25-0.75". Totals of 1+" were mainly confined to parts of Valley, Greeley, Sherman, Dawson, York, Polk and Mitchell counties. Meanwhile, the very lowest amounts (largely under 0.25") primarily targeted the Harlan/Phillips/Rooks area.

For OFFICIAL MEASURED NWS precipitation totals in our coverage area please visit our NOWData page: https://www.weather.gov/wrh/climate?wfo=gid
Precipitation totals over the past month ranged from 2.50-4.50” across most of our area, with limited/localized pockets of higher amounts (5-6”) and lower amounts (around 2”). Some of the overall-wettest areas have been: Polk, York, Merrick, Harlan, northern Furnas. Some of the driest areas have been: Thayer, Osborne, Rooks.

For OFFICIAL MEASURED NWS precipitation totals in our coverage area please visit our NOWData page: https://www.weather.gov/wrh/climate?wfo=gid
Precipitation totals over the past 3 months ranged from 3.50-5.50” across most of our area, with limited/localized pockets of higher amounts (6-7”) and lower amounts (around 3”). Overall though, most areas averaged BELOW NORMAL.

For OFFICIAL MEASURED NWS precipitation totals in our coverage area please visit our NOWData page: https://www.weather.gov/wrh/climate?wfo=gid
Past 7 & 30-Day Departure From Normal Temperature

Departure from Normal Temperature (°F)
5/5/2022 - 5/11/2022

Temperatures over the past week have generally averaged 3-5° ABOVE normal across most of our local coverage area.

Maps courtesy of:
HIGH PLAINS REGIONAL CLIMATE CENTER

Click HERE for additional climate information
FUTURE Precipitation Potential: May 12-19

Specifically for our local coverage area (south central Nebraska/north central Kansas):

- There will be on-and-off chances for rain/thunderstorms through this next week (including a pretty good chance right away Thurs. May 12). Beyond this chance, the next-best chances look to be centered around Saturday night (May 14-15) and then around Tues-Wed (May 17-18).

- Although localized exceptions will almost certainly occur, MOST of our coverage area is currently expected to receive somewhere between 0.25-1.00” through May 19th.

Click HERE for the latest WPC precipitation forecast information
Drought Information Statement

USGS Streamflow Levels for Nebraska/Kansas

Click HERE for a REGIONAL interactive map

Click HERE for a NEBRASKA interactive map

Click HERE for a KANSAS interactive map
Soil Moisture Status

Soil Moisture Departure From Normal (mm)

Soil Moisture Change Since End of Previous Month (mm)

Note the recent improvements in soil moisture

Click HERE for more soil moisture information
Central Region Drought Information Statement

Climate Prediction Center 6-10 Day Outlook: May 17-21

6-10 Day Precipitation Outlook

Valid: May 17 - 21, 2022
Issued: May 11, 2022

6-10 Day Temperature Outlook

Valid: May 17 - 21, 2022
Issued: May 11, 2022

Click HERE for more on the 6-10 Day Outlooks
Drought Information Statement

Climate Prediction Center 8-14 Day Outlook: May 19-25

8-14 Day Precipitation Outlook
Valid: May 19 - 25, 2022
Issued: May 11, 2022

8-14 Day Temperature Outlook
Valid: May 19 - 25, 2022
Issued: May 11, 2022

Click HERE for more on the 8-14 Day Outlooks
The U.S. Drought Monitor is a multi-agency effort involving NOAA’s National Weather Service and National Centers for Environmental Information, the U.S. Department of Agriculture (USDA), state and regional center climatologists and the National Drought Mitigation Center. Information for this statement has been gathered from NWS and FAA observation sites, cooperative and volunteer observations, the United States Geological Survey (USGS) and other sources.

Websites for Additional Information:

U.S. Drought Monitor - https://droughtmonitor.unl.edu/  *new maps released each THURSDAY*
High Plains Regional Climate Center - https://hprcc.unl.edu/
NWS River Stage/Forecast Info - https://water.weather.gov/ahps/

Monitor our webpage for forecast info out to 7 days: www.weather.gov/hastings
Also follow us on Facebook and Twitter for more information:

Twitter: NWSHastings  Facebook: US National Weather Service Hastings

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