Recap of the Sep. 7-13 “data week” (NOTE: any rain that fell since 7am TUES “didn’t count” for this week’s Drought Monitor).
Although NEARLY ALL areas had some rain, amounts varied quite a bit. The majority of our coverage area measured 0.20-1.00". However, a somewhat narrow stripe across the heart of our area (including Grand Island/Hastings) had at least 1-2", with even 2-3" totals in parts of Polk/York counties. On the much drier side, parts of especially Dawson, Valley, Rooks, Osborne and Mitchell counties had less than 0.20" (if any!)

- Looking ahead Sep. 15-22: Officially, MOST of our coverage area is expected to receive 0.25-0.75” between Sep. 15-22, with by far the best chances focused right away Thurs-Sat AM (Sep. 15-17). However, given the likelihood of variable thunderstorm coverage, it is probable that limited lucky places will receive over 1".

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/
So Far In 2022: Pretty Much Everywhere Drier-Than-Normal...But Some FAR MORE Than Others

### Worst/Highest 2022 Precip Deficits (through Sep. 13)

<table>
<thead>
<tr>
<th>Location</th>
<th>Deficit 2022 Precip</th>
<th>Total 2022 Precip</th>
</tr>
</thead>
<tbody>
<tr>
<td>9NE Palmer</td>
<td>-11.35&quot;</td>
<td>10.34&quot;</td>
</tr>
<tr>
<td>4E Scotia</td>
<td>-10.82&quot;</td>
<td>10.27&quot;</td>
</tr>
<tr>
<td>Dannebrog</td>
<td>-10.15&quot;</td>
<td>12.41&quot;</td>
</tr>
<tr>
<td>St. Paul</td>
<td>-9.93&quot;</td>
<td>11.96&quot;</td>
</tr>
<tr>
<td>Greeley</td>
<td>-9.73&quot;</td>
<td>11.17&quot;</td>
</tr>
<tr>
<td>Belgrade</td>
<td>-9.76&quot;</td>
<td>11.83&quot;</td>
</tr>
<tr>
<td>Ord</td>
<td>-9.55&quot;</td>
<td>11.77&quot;</td>
</tr>
<tr>
<td>8S Elwood</td>
<td>-9.11&quot;</td>
<td>9.99&quot;</td>
</tr>
</tbody>
</table>

### “Best”/Lowest 2022 Precip Deficits (through Sep. 13)

<table>
<thead>
<tr>
<th>Location</th>
<th>Deficit 2022 Precip</th>
<th>Total 2022 Precip</th>
</tr>
</thead>
<tbody>
<tr>
<td>Superior</td>
<td>-1.38&quot;</td>
<td>20.99&quot;</td>
</tr>
<tr>
<td>Polk</td>
<td>-1.92&quot;</td>
<td>20.63&quot;</td>
</tr>
<tr>
<td>4E Hardy</td>
<td>-2.53&quot;</td>
<td>19.42&quot;</td>
</tr>
<tr>
<td>Hubbell</td>
<td>-2.87&quot;</td>
<td>20.83&quot;</td>
</tr>
<tr>
<td>Bradshaw</td>
<td>-3.02&quot;</td>
<td>19.24&quot;</td>
</tr>
<tr>
<td>3N York</td>
<td>-3.10&quot;</td>
<td>20.91&quot;</td>
</tr>
<tr>
<td>Clay Center</td>
<td>-3.51&quot;</td>
<td>20.35&quot;</td>
</tr>
<tr>
<td>9NW Ord</td>
<td>-3.96&quot;</td>
<td>17.22&quot;</td>
</tr>
</tbody>
</table>

FOR REFERENCE: “normal” annual precipitation through Sep. 13 across MOST of our coverage area ranges from 19-23" (lowest west/highest east)
South Central/Central Nebraska (24 local counties):
- No change for VAST MAJORITY of the area (any very narrow “stripes” are essentially map artifacts)

North Central Kansas (6 local counties)
- Areas of 1-category degradation mainly within Rooks/Osborne/Mitchell counties
  1) much of Rooks/Osborne and small parts of Phillips/Smith (D1 → D2)
  2) parts of eastern Osborne/western Mitchell (D0 → D1)
  3) parts of southern Mitchell (Dnothing → D0)
Although NEARLY ALL areas had some rain (mainly Sep. 9-10), amounts varied quite a bit. The majority of our coverage area measured between 0.20-1.00". However, a somewhat narrow “stripe” across the heart of the area (including Grand Island/Hastings) had at least 1-2", with even 2-3" totals in parts of Polk/York counties. On the much drier side, parts of especially Dawson/Valley/Rooks/Osborne/Mitchell counties had less than 0.20" (if any at all!)

For OFFICIAL MEASURED NWS precipitation totals in our coverage area please visit our NOWData page:
https://www.weather.gov/wrh/climate?wfo=gid

PLEASE NOTE:
1) any rain that fell AFTER 7am Tues is not reflected here as it fell after the weekly Drought Monitor “data cutoff”

2) the NWS Hastings coverage area includes the 30 counties within the thicker black outline in the center of the map (24 in Nebraska, 6 in Kansas)
Rainfall over the past 30 days was **WELL BELOW NORMAL** across the vast majority of our coverage area, with most places measuring no more than 0.50-2.00”. The main localized areas of heavier rain mainly in the 2.50-4.50” range fell primarily within parts of York/Polk counties. In contrast, amounts of LESS THAN 0.50” prevailed within parts of especially: Valley, Sherman, Dawson, Osborne, Mitchell.

For OFFICIAL MEASURED NWS precipitation totals in our coverage area please visit our NOWData page: [https://www.weather.gov/wrh/climate?wfo=gid](https://www.weather.gov/wrh/climate?wfo=gid)

**PLEASE NOTE:**

1) any rain that fell AFTER 7am Tues is not reflected here as it fell after the weekly Drought Monitor “data cutoff”

2) the NWS Hastings coverage area includes the 30 counties within the thicker black outline in the center of the map (24 in Nebraska, 6 in Kansas)
Rainfall since June 16 across most of our coverage area has been SIGNIFICANTLY BELOW NORMAL (most places totaled only 4-7"...50-75% of normal at best). The limited wetter extremes of around 9-11" focused mainly in parts of counties along the NE/KS border such as: Nuckolls/Thayer. The overall-driest areas (as little as 3-4" at most) were scattered through various counties such as: Merrick, Nance, Howard, Dawson, Rooks, Osborne.

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1) any rain that fell AFTER 7am Tues is not reflected here as it fell after the weekly Drought Monitor “data cutoff”

2) the NWS Hastings coverage area includes the 30 counties within the thicker black outline in the center of the map (24 in Nebraska, 6 in Kansas)
Temperatures over the week of Sep. 7-13 averaged out NEAR-NORMAL across most of our coverage area, with most places within 1° either side of normal. Above. That being said, this “near-normal” is a bit misleading as it was indeed a week of big temperature swings with seasonably-hot days (especially the 7th, 8th, 13th) standing out in big contrast to a few much cooler days (especially the 10th).
Specifically for our local coverage area (south central Nebraska/north central Kansas):

- The good news is that pretty much all of our coverage area is expected to receive SOME rain through the 22nd. The bad news is that amounts will likely vary quite a bit between locations, as this weather pattern appears to favor variable coverage of showers/storms. By far the best chances will be right away Thurs-Sat AM (Sep. 15-17), and then MAYBE again around Wed-Thurs (Sep. 21-22).

- Officially, **MOST** of our coverage area is expected to receive **0.25-0.75”** between Sep. 15-22, with by far the best chances focused right away Thurs-Sat AM (Sep. 15-17). However, given the likelihood of variable thunderstorm coverage, it is probable that limited lucky places will receive 1+”.

**Click [HERE](#) for the latest WPC precipitation forecast information**
Drought Information Statement
USGS Streamflow Levels Versus Normal for NE & KS

Wednesday, September 14, 2022

Click HERE for a NEBRASKA interactive map

Click HERE for a KANSAS interactive map

Click HERE for a REGIONAL interactive map
Drought Information Statement

CPC ONE MONTH Outlook for OCT 2022

U.S. Monthly Drought Outlook
Drought Tendency During the Valid Period

Valid for September 2022
Released August 31, 2022

Click HERE for more about the Climate Prediction Center Outlooks

http://go.usa.gov/3eZGd

Click HERE for more about the Climate Prediction Center Outlooks
Drought Information Statement

CPC 3-MONTH Outlook for OCT-DEC 2022

Seasonal Temperature Outlook
Valid: Oct-Nov-Dec 2022
Issued: September 15, 2022

Seasonal Precipitation Outlook
Valid: Oct-Nov-Dec 2022
Issued: September 15, 2022

U.S. Seasonal Drought Outlook
Drought Tendency During the Valid Period
Valid for September 15 - December 31, 2022
Released September 15

Author:
Yun Fan
NOAA/NWS/NCEP/Climate Prediction Center

Click HERE for more about the Climate Prediction Center Outlooks

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9/15/2022 8:15 AM
National Weather Service | Hastings, NE
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/](https://droughtmonitor.unl.edu/)  *new maps released each THURSDAY*
- U.S. Drought Portal - [https://www.drought.gov/](https://www.drought.gov/)
- High Plains Regional Climate Center - [https://hprcc.unl.edu/](https://hprcc.unl.edu/)
- NWS River Stage/Forecast Info - [https://water.weather.gov/ahps/](https://water.weather.gov/ahps/)

Monitor our webpage for forecast info out to 7 days: [www.weather.gov/hastings](http://www.weather.gov/hastings)

Also follow us on Facebook and Twitter for more information:

NWS Hastings

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