Recap of the Sep. 27-Oct. 4 “data week”: For the vast majority of our coverage area, it was a VERY DRY week with rainfall ranging between NONE and perhaps 0.05”. However, most places west of a Greeley-Kearney-Holdrege-Orleans line picked up slightly greater amounts of 0.05-0.30” prior to the 7am Tuesday “data cutoff”. The highest totals of the data week fell within parts of Valley/Sherman counties (up to around 0.50”).

Looking ahead Oct. 6-12: Officially, MOST of our coverage area is expected to receive somewhere between 0.05-0.40”, with nearly all falling as cold rain between midnight and sunset on Fri. Oct. 7th. Amounts could vary widely over short distances given that most rain should focus within a fairly narrow band with sharp “cutoffs” on either side.

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/
SEPTEMBER 2022 RAINFALL: HIGHLY VARIABLE Amounts...Highest Amounts Mainly South+West, Lowest East

<table>
<thead>
<tr>
<th>Total Rain: September 2022</th>
<th>Total Rain: September 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Some of our WETTEST NWS/NeRAIN/CoCoRaHS stations</td>
<td>Some of our DRIEST stations (of those whose data is most likely complete)</td>
</tr>
<tr>
<td>Lebanon KS (NWS observer): 4.43&quot;</td>
<td>3NE Central City (NeRAIN): 0.66&quot;</td>
</tr>
<tr>
<td>2NNW Hunter KS (CoCoRaHS): 4.27&quot;</td>
<td>Ravenna (NWS observer): 0.69&quot;</td>
</tr>
<tr>
<td>Arapahoe (NeRAIN): 4.18&quot;</td>
<td>Miller (NWS observer): 0.76&quot;</td>
</tr>
<tr>
<td>6SSE Lexington (NWS Observer): 3.96&quot;</td>
<td>2WSW Tobias (NeRAIN): 0.90&quot;</td>
</tr>
<tr>
<td>Cambridge (NWS Observer): 3.86&quot;</td>
<td>Geneva (automated NWS station): 0.92&quot;</td>
</tr>
<tr>
<td>Alma (NeRAIN): 3.31&quot;</td>
<td>Loup City (NWS observer): 0.93&quot;</td>
</tr>
<tr>
<td>Smith Center KS (NWS observer): 3.24&quot;</td>
<td>Ord airport (automated ASOS): 1.00&quot;</td>
</tr>
<tr>
<td>4WNW Plainville KS (NeRAIN): 3.12&quot;</td>
<td>North Loup (NWS observer): 1.04&quot;</td>
</tr>
</tbody>
</table>

10/6/2022 8:15 AM
South Central/Central Nebraska (24 local counties):
- No change for VAST MAJORITY of the area (any very narrow “stripes” are essentially false map artifacts)
- Small sliver of 1-category degradation along the extreme western fringe of the area:
  - very small part of western Gosper/northwest Furnas counties (D1→ D2)

North Central Kansas (6 local counties)
- NO CHANGE (the various very narrow “stripes” are essentially false map artifacts)
For the vast majority of our coverage area, it was a VERY DRY week with rainfall ranging between NONE and perhaps 0.05". However, most places west of a Greeley-Kearney-Holdrege-Orleans line picked up slightly greater amounts of 0.05-0.30" prior to the 7am Tuesday “data cutoff”. The highest totals of the data week fell within parts of Valley/Sherman counties (up to around 0.50”). NOTE: any rain that fell on Tues Oct. 4 after the 7am data cutoff will count toward next week’s totals.

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 a **VARIED MIX RANGING FROM BELOW NORMAL TO SLIGHTLY ABOVE NORMAL**. The majority of our coverage area measured between 1-3". On the wetter side of things, some places mainly within KS and also the Furnas/Gosper area tallied at least 3-4". In contrast, amounts less than 1" were common in parts of various counties including: Fillmore, Thayer, Clay, Nuckolls, Nance, Merrick and Buffalo.

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**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 July 7 across most of our coverage area was SIGNIFICANTLY BELOW NORMAL (most places totaled only 3.50-7.50”…generally 40-80% of normal). The limited wetter extremes of around 8-9” focused mainly within some counties along the NE/KS border. The overall-driest areas (as little as 2.50-3.50”) were scattered within various counties including: Merrick, Nance, Polk, Dawson, Rooks, Osborne.

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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)
Temperatures over the week of Sep. 28-Oct. 4 averaged out WELL-ABOVE NORMAL across our coverage area, with most places between 4-8° above normal. Relative to 30-year normals, the overall warmest conditions focused within northern/western local counties.

Maps courtesy of:

Click HERE for additional climate information
Specifically for our local coverage area (south central Nebraska/north central Kansas):

- The vast majority of this 7-day period features high confidence in DRY conditions (particularly Fri. evening through Tues...Oct. 7-11). However, most (not all) of our coverage stands a decent chance for at least a little bit of cold rain during the early morning and daylight hours of Fri. Oct. 7. Given that there is a little uncertainty regarding EXACTLY where this northwest-southeast oriented rain band will focus, amounts could vary quite a bit within our coverage area.

- Officially, MOST of our coverage area is expected to receive somewhere between 0.05-0.40" with nearly all falling as cold rain between midnight and sunset on Fri. Oct. 7th. Amounts could vary widely over short distances given that most rain should focus within a fairly narrow band with sharp “cutoffs” on either side.

Click HERE for the latest WPC precipitation forecast information
Drought Information Statement
USGS Streamflow Levels Versus Normal for NE & KS

Click HERE for a REGIONAL interactive map

Click HERE for a NEBRASKA interactive map

Click HERE for a KANSAS interactive map
Central Region
Drought Information Statement
Climate Prediction Center (CPC) Soil Moisture Status
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National Weather Service | Hastings, NE

Click HERE for more soil moisture information
Drought Information Statement
Climate Prediction Center 6-10 Day Outlook: Oct. 11-15

6-10 Day Precipitation Outlook
Valid: October 11 - 15, 2022
Issued: October 5, 2022

6-10 Day Temperature Outlook
Valid: October 11 - 15, 2022
Issued: October 5, 2022

Click HERE for more on the 6-10 Day Outlooks
Drought Information Statement
CPC 3-MONTH Outlook for OCT-NOV-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 October 1 - December 31, 2022
Released September 30, 2022

Consistency adjustment based on Monthly Drought Outlook for October 2022

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

Click HERE for more about the Climate Prediction Center Outlooks

Click HERE for more about the Climate Prediction Center Outlooks

National Weather Service | Hastings, NE
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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)

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