**Moderate Drought Continues across much of Area**

*This product will be updated weekly through the end of the growing season.*

**Synopsis:**

- Drought conditions are unchanged across our area this week.
- A busier pattern will bring chances of precip back to the area this week, but significant rain and snow isn’t forecast at this point.
Local & State Actions:

USDA has extended the application deadline for the QUALITY LOSS ADJUSTMENT PROGRAM from March 5 to April 9th.

Additional information concerning the drought can be obtained via the Department of National Resources: dnr.nebraska.gov/index

Additional information about federal disaster declarations due to the drought and drought assistance information can be found at the farm service agency web site at: www.fsa.usda.gov

Soil Moisture Conditions:

Nebraska - Topsoil moisture was rated as 32% short and 14% very short. Subsoil moisture was rated as 42% short and 20% very short.

Iowa - Iowa moisture conditions will be first published on April 5th, 2021.

Agricultural Impacts:

**Nebraska** - As of February 22
- Corn: NO REPORT
- Soybean: NO REPORT
- Sorghum: NO REPORT
- Winter wheat: 22% poor or very poor
- Oats: NO REPORT
- Pasture: NO REPORT

**Iowa** - First report on April 5, 2021
- Corn: NO REPORT
- Soybean: NO REPORT
- Hay: NO REPORT
- Winter Wheat: NO REPORT
- Oats: NO REPORT
- Pasture: NO REPORT


Water Restrictions:

None known

Fire Danger:

Ketch-Byram Drought Index (KBDI): [www.wfas.net/images/firedanger/kbdi.png](http://www.wfas.net/images/firedanger/kbdi.png)

KBDI is a drought index that is specifically related to fire potential. The KBDI is broken into four categories which indicate the susceptibility of ground fuels to fire danger.

<table>
<thead>
<tr>
<th>KBDI Value</th>
<th>Description of Fire Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-200</td>
<td>Low - Wet with little danger of fire initiation</td>
</tr>
<tr>
<td>201-300</td>
<td>Moderate - Drying occurring with some fire danger</td>
</tr>
<tr>
<td>301-400</td>
<td>High - Ground cover dry and will burn readily</td>
</tr>
<tr>
<td>401-500</td>
<td>High - Ground cover dry and will burn readily</td>
</tr>
<tr>
<td>501-600</td>
<td>Extreme - Dead and live fuels will burn readily</td>
</tr>
<tr>
<td>&gt;700</td>
<td>Extreme - Dead and live fuels will burn readily</td>
</tr>
</tbody>
</table>
River and Streamflow Conditions:

- Some rivers in the area are running above normal with most running closer to seasonal averages.
Local Climatology:

February

- A wet and snowy winter continued through February
- Much of Kansas and Missouri were very dry in February

Past Six Months

- 2 to 6 inches below normal in far northern Nebraska
- 2 to 6 inches above normal just north of Omaha
Precipitation & Temperature Outlooks:

While March has started out as a top ten warmest March, the second half of the month may reverse the trend. Taken as a whole, spring 2021’s odds are high that it’ll be warmer than normal.
Questions and/or Comments:

If you have any questions or comments about the information in this document please contact:

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Related Websites:

NWS – weather.gov/Omaha  
Climate Prediction Center  
www.cpc.ncep.noaa.gov/products/Drought  
Drought Monitor -  
droughtmonitor.unl.edu/  
www.drought.gov/drought  
USGS - water.usgs.gov  
US Army Corps of Engineers -  
nwo.usace.army.mil