National Weather Service Daily Briefing

Tuesday, June 7, 2022

By Anna Wolverton
Current Conditions
May 31, 2022
(Released Thursday, Jun. 2, 2022)
Valid 8 a.m. EDT

Drought Impact Types:

- Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

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

Author:
Curtis Riganti
National Drought Mitigation Center

droughtmonitor.unl.edu
Past Precipitation
Past 24 hr Precip Ending at 7 AM is UNAVAILABLE TODAY.
Forecast
Precipitation
Day 2 Precip Forecast
Day 3 Precip Forecast
Days 6-7 Precip Forecast
Hydrology
5 Day River Flood Outlook

Significant River Flood Outlook
Jun 07 2022 - Jun 12 2022
- The Red River of the North from Wahpeton to Pembina, ND – minor to moderate flooding
- The Mississippi River near Aitkin, MN – minor flooding
- The Minnesota River from Montevideo to Morton, MN and Raccoon River at Des Moines Fleur Dr, IA – minor flooding

<table>
<thead>
<tr>
<th>Gauge</th>
<th>Flood Stage</th>
<th>Current</th>
<th>5 Day Forecast</th>
<th>Potential Crest</th>
</tr>
</thead>
<tbody>
<tr>
<td>St Paul</td>
<td>14.0'</td>
<td>9.0'</td>
<td>8.2'</td>
<td>-</td>
</tr>
<tr>
<td>Rock Island</td>
<td>15.0'</td>
<td>12.2'</td>
<td>11.3'</td>
<td>-</td>
</tr>
<tr>
<td>Valley City</td>
<td>14.0'</td>
<td>9.9'</td>
<td>5.7'</td>
<td>-</td>
</tr>
<tr>
<td>St Louis</td>
<td>30.0'</td>
<td>21.8'</td>
<td>18.6'</td>
<td>-</td>
</tr>
<tr>
<td>Chester</td>
<td>27.0'</td>
<td>25.2'</td>
<td>21.4'</td>
<td>-</td>
</tr>
</tbody>
</table>
- The James River from Mitchell to Columbia, SD – minor to major flooding
- The Little Sioux River near Milford, IA; Osage River near Taberville, MO; and Marmaton River near Nevada, MO – minor flooding
- No flooding is occurring or forecast.
New Madrid

Mississippi River @ NEW MADRID for 06Jun2022

- Observed Stage
- Daily Average
- Guidance with 16-day rain
- Forecast with 48-hour rain
The Neosho River at Commerce, OK – moderate flooding

The Cottonwood River at Emporia, KS and the Neosho River at Neosho Rapids and Oswego, KS – minor flooding

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<th>Potential Crest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Little Rock</td>
<td>23.0'</td>
<td>10.5'</td>
<td>10.1'</td>
<td>-</td>
</tr>
<tr>
<td>Clarendon</td>
<td>26.0'</td>
<td>26.6'</td>
<td>25.0'</td>
<td>-</td>
</tr>
<tr>
<td>Shreveport</td>
<td>30.0'</td>
<td>14.7'</td>
<td>14.3'</td>
<td>-</td>
</tr>
</tbody>
</table>
The White River at Clarendon and Augusta, AR – minor flooding

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<th>5 Day Forecast</th>
<th>Potential Crest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cairo</td>
<td>40.0'</td>
<td>30.8'</td>
<td>27.1'</td>
<td>-</td>
</tr>
<tr>
<td>Memphis</td>
<td>34.0'</td>
<td>16.6'</td>
<td>15.1'</td>
<td>-</td>
</tr>
<tr>
<td>Vicksburg</td>
<td>43.0'</td>
<td>35.2'</td>
<td>34.1'</td>
<td>-</td>
</tr>
<tr>
<td>Baton Rouge</td>
<td>35.0'</td>
<td>28.5'</td>
<td>28.5'</td>
<td>-</td>
</tr>
<tr>
<td>New Orleans</td>
<td>17.0'</td>
<td>10.2'</td>
<td>10.5'</td>
<td>-</td>
</tr>
</tbody>
</table>
Meteorology
Weather over the next 3 days
Day 1 Excessive Rainfall Outlook

Risk of rainfall exceeding flash flood guidance within 25 miles of a point:
- HIGH: At Least 70%
- SLGT: At Least 15%
- MDT: At Least 40%
- MRGL: At Least 5%

Valid 12Z Tue Jun 07 2022
Thru 12Z Wed Jun 08 2022
Issued: 0742Z Tue Jun 07 2022
Forecaster: WEISS
DOC/NOAA/NWS/NCEP/WPC

Day 1 Excessive Rainfall Outlook

[Map showing areas with excessive rainfall outlook]
Day 2 Excessive Rainfall Outlook

Risk of rainfall exceeding flash flood guidance within 25 miles of a point

HIGH: At Least 70%  SLGT: At Least 15%
MDT: At Least 40%   MRGL: At Least 5%
Day 3 Excessive Rainfall Outlook

Risk of rainfall exceeding flash flood guidance within 25 miles of a point:
- HIGH: At Least 70%
- SLGT: At Least 15%
- MDT: At Least 40%
- MRGL: At Least 5%

Valid: 12Z Thu Jun 09 2022
Thru: 12Z Fri Jun 10 2022
Issued: 0742Z Tue Jun 07 2022
Forecaster: WEISS
DOC/NOAA/NWS/NCEP/WPC
Yesterday’s Severe Weather Reports

SPC Storm Reports for 06/06/22
Map updated at 1239Z on 06/07/22

TORNADO REPORTS: (4)
WIND REPORTS/HI: (74/3)
HAIL REPORTS/LG: (88/6)
TOTAL REPORTS: (158)

NOAA
National Weather Service
Storm Prediction Center
Norman, Oklahoma

PRELIMINARY DATA ONLY.
Today’s Severe Weather Outlook
Tomorrow’s Severe Weather Outlook
Tropics
Five-Day Graphical Tropical Weather Outlook
National Hurricane Center Miami, Florida

No Disturbances

No new tropical cyclones are expected during the next five days.
Tropical Hazards Outlook

Global Tropics Hazards and Benefits Outlook - Climate Prediction Center

Week 1 - Valid: Jun 01, 2022 - Jun 07, 2022

Week 2 - Valid: Jun 08, 2022 - Jun 14, 2022

Confidence

High
Moderate

Tropical Cyclone Formation
Above-average rainfall
Below-average rainfall
Above-normal temperatures
Below-normal temperatures

Development of a tropical cyclone (tropical depression - TD, or greater strength).
Weekly total rainfall in the upper third of the historical range.
Weekly total rainfall in the lower third of the historical range.
7-day mean temperatures in the upper third of the historical range.
7-day mean temperatures in the lower third of the historical range.

Produced: 05/31/2022
Forecaster: Allgood

Product is updated once per week, except from 6/1 - 11/30 for the region from 120E to 0, 0 to 40N. The product targets broad scale conditions integrated over a 7-day period for US interests only. Consult your local responsible forecast agency.
Long Range Outlook
8-14 Day Temperature Outlook

Valid: June 14 - 20, 2022
Issued: June 6, 2022

Map showing temperature outlook for the next 8-14 days across the United States, indicating regions of below, near normal, and above normal temperatures.
Week 2 Hazards Outlook

Risk of High Winds
Valid: 06/14/2022-06/20/2022

Risk of Heavy Snow
Valid: 06/14/2022-06/20/2022

Climate Prediction Center
Made: 06/06/2022 3PM EDT
www.cpc.ncep.noaa.gov

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Surface Maps
Tomorrow's Forecast
Day 6 Forecast at 7am