Water Conditions
September 2021

Mark Wentzel, Ph.D.
Surface Water Division
Water Science & Conservation
**U.S. Drought Monitor**

**Texas**

**August 31, 2021**
*(Released Thursday, Sep. 2, 2021)*

Valid 8 a.m. EDT

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**Drought Conditions (Percent Area)**

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>None</th>
<th>D0</th>
<th>D1</th>
<th>D2</th>
<th>D3</th>
<th>D4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
<td>8/31/2021</td>
<td>91.50</td>
<td>7.72</td>
<td>0.78</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Last Month</td>
<td>7/27/2021</td>
<td>94.05</td>
<td>4.80</td>
<td>1.15</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Last Year</td>
<td>01/01/2020</td>
<td>26.75</td>
<td>18.12</td>
<td>22.41</td>
<td>19.63</td>
<td>12.11</td>
<td>0.98</td>
</tr>
</tbody>
</table>

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**Intensity:**

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

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx*

**Author:**

David Simera
Western Regional Climate Center

droughtmonitor.unl.edu
Reservoir Conservation Storage Data

Storage for September 2, 2021: 26.4 Million acre-ft (83.9%)
Conservation capacity: 31.4 Million acre-ft

Water Data for Texas
Texas Water Development Board
Major Municipal Reservoir System Storage (% Full)

As of: August 31, 2021

(Change in percentage points since July 31, 2021)

<table>
<thead>
<tr>
<th>Percent Full</th>
<th>Location</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>95.6%</td>
<td>Dallas</td>
<td>0.0pp</td>
</tr>
<tr>
<td>98.1%</td>
<td>Dallas</td>
<td>0.0pp</td>
</tr>
<tr>
<td>99.6%</td>
<td>Temple</td>
<td>0.0pp</td>
</tr>
<tr>
<td>99.2%</td>
<td>Houston</td>
<td>-0.7pp</td>
</tr>
<tr>
<td>96.0%</td>
<td>Beaumont</td>
<td>-1.2pp</td>
</tr>
<tr>
<td>97.8%</td>
<td>Fort Worth</td>
<td>-2.1pp</td>
</tr>
<tr>
<td>96.6%</td>
<td>San Antonio</td>
<td>-1.6pp</td>
</tr>
<tr>
<td>91.2%</td>
<td>Austin</td>
<td>-0.6pp</td>
</tr>
<tr>
<td>53.1%</td>
<td>Corpus Christi</td>
<td>-1.7pp</td>
</tr>
<tr>
<td>39.6%</td>
<td>Brownsville</td>
<td>-0.5pp</td>
</tr>
<tr>
<td>65.9%</td>
<td>Corpus Christi</td>
<td>0.8pp</td>
</tr>
<tr>
<td>51.5%</td>
<td>Abilene</td>
<td>+1.8pp</td>
</tr>
<tr>
<td>47.6%</td>
<td>Lubbock</td>
<td>-1.0pp</td>
</tr>
<tr>
<td>75.2%</td>
<td>Wichita Falls</td>
<td>+0.2pp</td>
</tr>
<tr>
<td>44.2%</td>
<td>El Paso</td>
<td>-1.1pp</td>
</tr>
<tr>
<td>38.0%</td>
<td>Amarillo</td>
<td>-0.7pp</td>
</tr>
<tr>
<td>33.0%</td>
<td>Abilene</td>
<td>-0.3pp</td>
</tr>
<tr>
<td>26.9%</td>
<td>El Paso</td>
<td>-0.7pp</td>
</tr>
<tr>
<td>20.1%</td>
<td>Laredo</td>
<td>+0.8pp</td>
</tr>
<tr>
<td>10.3%</td>
<td>Brownsville</td>
<td>0.0pp</td>
</tr>
<tr>
<td>0.0%</td>
<td>Brownsville</td>
<td>0.0pp</td>
</tr>
</tbody>
</table>

Water Data for Texas
Texas Water Development Board
Major Aquifer Recorder Wells

Aquifer Change from Last Month, Year

- Seymour: -0.28', +4.20'
- Trinity: -1.82', +9.51'
- Carrizo: -0.47', +1.91'
- Ogallala: -0.16', -1.02'
- Pecos Valley: -0.06', +2.48'
- Hueco Bolson: -3.55', -4.07'
- Edwards-Trinity: -0.61', -0.35'
- Edwards: -0.15', -3.87'
- Gulf Coast: -0.27', +1.98'

July 2021
U.S. Seasonal Drought Outlook
Drought Tendency During the Valid Period

Valid for September 1 - November 30, 2021
Released August 31, 2021

UPDATE:
Based on Monthly Drought Outlook for September 2021

Depicts large-scale trends based on subjectively derived probabilities
guided by short- and long-range statistical and dynamical forecasts.
Use caution for applications that can be affected by short lived events.
"Ongoing" drought areas are
based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least
a 1-category improvement in the Drought Monitor intensity levels
by the end of the period, although drought will remain. The green
areas imply drought removal by the end of the period (D0 or none).

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http://go.usa.gov/3eZ73