BASIN CONDITIONS UPDATE

Water Operations Committee Meeting
Aug. 20, 2019
U.S. Drought Monitor
Texas

August 8, 2019

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. See accompanying text summary for forecast statements.

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droughtmonitor.unl.edu
U.S. Drought Monitor
Lower Colorado River Basin
August 8, 2019

Intensity

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- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NOSCO. © OpenStreetMap contributors, and the GIS User Community.
Water Flowing Into the Highland Lakes

Average since 1942
Average of 2008-2015
2019

Acre-feet

January  February  March  April  May  June  July  August  September  October  November  December
Basin Rainfall – May
Basin Rainfall – June

[Map showing rainfall distribution in inches across different areas such as Mullin, Llano, Junction, Austin, Columbus, and Bay City.]

Basin Rainfall – July
Basin Rainfall – Departure From Normal (June 13-Aug. 12)
Lakes Travis and Buchanan
Total Combined Storage Projections*

Lakes Buchanan and Travis full at 2.01 million acre-feet (a-f)

Managed maximum conservation storage is currently 1.96 million acre feet (af) due to lake level limit of 1018 ft msl for Lake Buchanan

Note: One acre-foot equals 325,851 gallons.
Average for August: 664.21 feet msl
Historic Low (1951): 614.18 feet msl
Top of conservation storage is 1,018 to 1,020 feet above mean sea level (feet msl)

Average for August: 1,010.85 feet msl
Historic Low (1952): 983.70 feet msl

*Based on results from the draft stochastic model under development to reflect provisions of the 2015 Water Management Plan.
# Lake Level Comparisons

<table>
<thead>
<tr>
<th></th>
<th>Aug. 1, 2018</th>
<th>Aug. 1, 2019</th>
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</thead>
<tbody>
<tr>
<td>Lake Travis</td>
<td>657.13</td>
<td>679.08</td>
</tr>
<tr>
<td>Lake Buchanan</td>
<td>1,012.29</td>
<td>1,017.72</td>
</tr>
<tr>
<td>Combined Storage</td>
<td>1,453,666</td>
<td>1,923,288</td>
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</tbody>
</table>

*For purposes of the 2015 Water Management Plan, the combined storage is defined as the total of the daily average volume of water in Lake Buchanan (excluding any water above the maximum managed elevation of 1,018 feet msl) and the daily average volume of water in Lake Travis (excluding any water above the maximum conservation elevation of 681 feet msl).*