BASIN CONDITIONS UPDATE

Water Operations Committee Meeting
Oct. 22, 2019
Intensity

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

U.S. Drought Monitor
Lower Colorado River Basin
Oct. 15, 2019

Sources: Esri, HERE, DeLorme, USGS, FAO, NPS, NRCAN, GeoBase, IGN, IGP, JHS, USGS, AUScape, IGN, NRCC, © 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
Lakes Buchanan and Travis
Total Combined Storage Projections

Lakes Buchanan and Travis full at 2.01 million acre-feet (a-f)
Managed maximum conservation storage is 1.86 million a-f due to lake level limit of 1,016 feet above mean sea level for Lake Buchanan

Note: One acre-foot equals 325,851 gallons.
Average for October: 664.61 feet msl
Historic Low (1951): 614.18 feet msl
Lake Buchanan Level Forecast

Top of conservation storage is 1,018 to 1,020 feet above mean sea level (feet msl)

Average for October: 1,010.32 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>
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<th>Oct. 1, 2018</th>
<th>Oct. 1, 2019</th>
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</thead>
<tbody>
<tr>
<td>Lake Travis (feet msl)</td>
<td>658.91</td>
<td>673.42</td>
</tr>
<tr>
<td>Lake Buchanan (feet msl)</td>
<td>1,011.77</td>
<td>1,016.45</td>
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<tr>
<td>Combined Storage (a-f)</td>
<td>1,470,625</td>
<td>1,793,740</td>
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*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).*