

Current Reservoir Summary Status – September 20, 2023

The table below summarizes the status of each reservoir as of September 20, 2023.

THIS COLOR = STAGE 1 DROUGHT WATCH CONDITION THIS COLOR = STAGE 2 DROUGHT WARNING CONDITION THIS COLOR = STAGE 3 DROUGHT EMERGENCY CONDITION THIS COLOR = STAGE 4 PRO-RATA CURTAILMENT CONDITION				⁵ Stage 1 Drought Watch Trigger Level		Stage 2 Drought Warning Trigger Level		Stage 3 Drought Emergency Trigger Level		Stage 4 Pro-rata Curtailment Trigger Level	
Reservoir	September 20, 2023 Elevation	September 20, 2023 Capacity (acre-feet)	% Full	Elevation	Capacity (acre-feet)	Elevation	Capacity (acre-feet)	Elevation	Capacity (acre-feet)	Elevation	Capacity (acre-feet)
¹ Main Stem Reservoirs	NA	613,895	84%	NA	564,737	NA	427,173	NA	289,609	NA	144,804
Possum Kingdom	996.12	488,418	91%	NA	NA	NA	NA	NA	NA	NA	NA
Granbury	691.36	123,277	92%	NA	NA	NA	NA	NA	NA	NA	NA
² Whitney	525.05	2,200	4%	NA	NA	NA	NA	NA	NA	NA	NA
Aquila	533.51	32,117	74%	533.6	32,253	530.5	25,189	526.8	18,125	523.7	13,436
Proctor	1148.84	14,521	27%	1158.2	38,388	1,156.1	31,297	1153.3	24,206	1,150.1	16,976
Belton	575.99	244,864	57%	588.1	363,410	578.7	268,231	566.3	173,052	550.2	86,526
¹ Williamson Co. System	NA	151,316	56%	NA	222,398	NA	164,789	NA	107,180	NA	53,590
Stillhouse Hollow	603.53	133,564	58%	NA	NA	NA	NA	NA	NA	NA	NA
Georgetown	771.86	17,752	47%	NA	NA	NA	NA	NA	NA	NA	NA
⁶ Granger	500.81	39,734	77%	501.8	43,116	498.4	31,935	494.1	20,754	490.0	12,956
Limestone	359.57	163,537	80%	357.6	142,646	354.8	115,136	351.5	87,625	346.9	56,927
Somerville	232.96	98,856	66%	234.9	117,229	231.8	88,673	228.2	60,117	223.9	30,059
BRA System Total	NA	1,358,839	70%	NA	1,524,177	NA	1,152,423	NA	780,668	NA	415,273

¹Lakes Possum Kingdom, Granbury, and Whitney are operated together as a sub-system as are Lakes Stillhouse Hollow and Georgetown. As such, the Drought Trigger Levels are based on the collective capacity of the reservoirs.

²Capacity and Percent Full values shown in the table are for the BRA storage in Lake Whitney. The current total capacity of Lake Whitney is approximately 443,775 acre-feet, which is 72 percent full.

³Water is currently being transferred from Lake Stillhouse Hollow to Lake Georgetown through the Williamson County Regional Raw Water Line (WCRRWL) at a rate of 123 acre-feet per day (about 40 mgd).

⁴Lake Georgetown has triggers independent of Stillhouse Hollow that are based on WCRRWL pumping operations. The triggers are as follows: Stage 1 Trigger = 6 months or more of sustained pumping; Stage 2 Trigger = 18 months or more of sustained pumping; Stage 3 Trigger = when the BRA's GM/CEO or his/her designee determines hydrologic conditions are as severe as or worse than the driest 24-month period on record; Stage 4 Trigger = when deemed appropriate by the BRA's GM/CEO or his/her designee due to disruption in WCRRWL pumping operations.

⁵In addition to elevation and storage trigger levels, and the Lake Georgetown trigger, the Stage 1 drought condition may also be initiated for a reservoir/reservoir sub-system when the Palmer Hydrological Drought Index (PHDI) is equal to or less than -2.4.

⁶As specified in the BRA Drought Contingency Plan, one of the triggers for the Stage 2 – Drought Warning Condition for the East Williamson County Regional Water System (EWCRRWS) at Lake Granger is when the total daily water consumption at the EWCRRWS reaches 90% of the production capacity for a period of 30 consecutive days. Stage 2 has been initiated for the EWCRRWS resulting from the consumption trigger being exceeded.