

Current Reservoir Summary Status – September 27, 2023

The table below summarizes the status of each reservoir as of September 27, 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 27, 2023 Elevation	September 27, 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	606,569	83%	NA	564,737	NA	427,173	NA	289,609	NA	144,804
Possum Kingdom	995.92	484,607	90%	NA	NA	NA	NA	NA	NA	NA	NA
Granbury	691.19	121,962	91%	NA	NA	NA	NA	NA	NA	NA	NA
² Whitney	524.85	0	0%	NA	NA	NA	NA	NA	NA	NA	NA
Aquilla	532.4	29,437	68%	533.6	32,253	530.5	25,189	526.8	18,125	523.7	13,436
Proctor	1148.73	14,320	26%	1158.2	38,388	1,156.1	31,297	1153.3	24,206	1,150.1	16,976
Belton	575.69	242,348	56%	588.1	363,410	578.7	268,231	566.3	173,052	550.2	86,526
¹ Williamson Co. System	NA	152,211	57%	NA	222,398	NA	164,789	NA	107,180	NA	53,590
Stillhouse Hollow	603.79	134,633	59%	NA	NA	NA	NA	NA	NA	NA	NA
Georgetown	771.65	17,578	46%	NA	NA	NA	NA	NA	NA	NA	NA
⁶ Granger	500.69	39,320	76%	501.8	43,116	498.4	31,935	494.1	20,754	490.0	12,956
Limestone	359.39	161,554	79%	357.6	142,646	354.8	115,136	351.5	87,625	346.9	56,927
Somerville	232.87	98,054	65%	234.9	117,229	231.8	88,673	228.2	60,117	223.9	30,059
BRA System Total	NA	1,343,813	69%	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 440,030 acre-feet, which is 71 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 (EWCWRS) at Lake Granger is when the total daily water consumption at the EWCWRS reaches 90% of the production capacity for a period of 30 consecutive days. Stage 2 has been initiated for the EWCWRS resulting from the consumption trigger being exceeded.