

Daily Reservoir and Pass-Thru Status Report

June 21, 2023

Reservoir Supply (AcFt); Stream Flow (AcFt); Evaporation (AcFt); Elevation (Ft); Rainfall (Inches); Temperature (°F); Gage Height (Ft MSL)

RESERVOIR STATISTICS											
Effective June 24, 2017, updated total reservoir capacities for Choke Canyon Reservoir (2012 TWDB Volumetric Survey) and Lake Corpus Christi (2016 TWDB Volumetric Survey) are being reflected in the Daily Reservoir System and Pass-Thru Status Report											
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		Lake Texana		
Date	Elevation	Volume	% Capacity	Elevation	Volume	% Capacity	Volume	% Capacity	Elevation	Volume	% Capacity
FULL	220.5	662,821	100%	94.0	256,339	100%	919,160	100%	44.0	161,085	100%
06/21/2023	196.6	209,713	31.6%	90.7	194,426	75.8%	404,139	44.0%	43.0	151,919	94.3%
06/20/2023	196.7	211,000	31.8%	90.8	196,197	76.5%	407,197	44.3%	43.1	152,823	94.9%
05/21/2023	196.9	213,589	32.2%	91.4	206,995	80.8%	420,584	45.8%	44.0	161,085	100.0%
06/21/2022	199.3	246,145	37.1%	87.5	142,172	55.5%	388,317	42.2%	41.0	134,434	83.5%

LAKE TEXANA WATER SUPPLY*								
* The split between Non-Interruptible and Interruptible amounts are updated monthly, usually the first working day of the month, so they reflect the total and remaining amounts as of the end of the previous month								
Date	Daily Intake	MTD	Non-Interruptible			Interruptible		
			May	YTD	Remaining	May	YTD	Remaining
06/20/2023	135	2,590	0	6,737	24,703	0	4,500	7,500

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
06/20/2023	0	108	4,859	605	23,903	06/21/2023	7:15 AM	7.91

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	06/20/2023	MTD	YTD	06/20/2023	MTD	YTD	06/20/2023	MTD	YTD
Air Temp	108			105					
Evaporation	412	6,098	28,438	453	7,768	38,463	865	13,866	66,901
Rainfall	0.00	0.51	14.17	0.00	0.03	8.5			

Stream Flows			
Gauging Station		06/20/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	67	3,850
NRTI	Nueces River at Tilden, Texas	0	243
FRTI	Frio River at Tilden, Texas	1	64
SMTI	San Miguel Creek at Tilden, Texas	0	0
ARWT	Atascosa River at Whitsett, Texas	15	1,882
CCR	Release from Choke Canyon Reservoir	58	1,151
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	699	14,207
NCAT	Nueces River at Calallen, Texas	214	4,661
RBP	Rincon Bayou Pipeline	194	3,926
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon		10
			2,763

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	23,000			23,000
	Salinity Relief Credit	0	Effective		
Credit / -Deficit From Previous Month			Date Deficit Satisfied		-14,298
Return Flow Credit			Effective		0
Required Passthru	Monthly Target	23,000			2,763
	Reservoir Inflow	2,763			
Estuary Inflows (NCAT + RBP)					8,587
Passthru Surplus / -Deficit					-8,474