

Daily Reservoir and Pass-Thru Status Report

July 18, 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%
07/18/2023	195.8	199,582	30.1%	89.3	170,521	66.5%	370,103	40.3%	41.9	142,163	88.3%
07/17/2023	195.9	200,832	30.3%	89.3	170,521	66.5%	371,353	40.4%	42.0	143,036	88.8%
06/18/2023	196.7	211,000	31.8%	90.9	197,976	77.2%	408,976	44.5%	43.2	153,730	95.4%
07/18/2022	198.5	234,978	35.5%	86.4	126,081	49.2%	361,059	39.3%	40.0	126,098	78.3%

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			
			June	YTD	Remaining	June	YTD	Remaining	
07/17/2023	137	2,174	3,381	10,118	21,322	569	9,000	3,000	

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
07/17/2023	0	151	5,009	540	8,313	07/18/2023	7:15 AM	7.74

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	07/17/2023	MTD	YTD	07/17/2023	MTD	YTD	07/17/2023	MTD	YTD
Air Temp	102			102					
Evaporation	371	5,921	38,098	422	6,694	49,688	793	12,615	87,786
Rainfall	0.00	1.04	15.23	0.00	1.16	9.66			

Stream Flows			
Gauging Station		07/17/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	58	1,129
NRTI	Nueces River at Tilden, Texas	0	0
FRTI	Frio River at Tilden, Texas	0	4
SMTI	San Miguel Creek at Tilden, Texas	0	0
ARWT	Atascosa River at Whitsett, Texas	7	172
CCR	Release from Choke Canyon Reservoir	58	979
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	383	8,909
NCAT	Nueces River at Calallen, Texas	0	1,537
RBP	Rincon Bayou Pipeline	198	3,345
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	0	154

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	4,500			4,500
	Salinity Relief Credit	0	Effective		
Credit / -Deficit From Previous Month			Date Deficit Satisfied		-4,910
Return Flow Credit			Effective		0
Required Passthru	Monthly Target	4,500			154
	Reservoir Inflow	154			
Estuary Inflows (NCAT + RBP)					4,881
Passthru Surplus / -Deficit					-183