

Daily Reservoir and Pass-Thru Status Report

May 30, 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%
05/30/2023	197.1	216,196	32.6%	91.8	214,326	83.6%	430,522	46.8%	44.0	161,085	100.0%
05/29/2023	197.1	216,196	32.6%	91.8	214,326	83.6%	430,522	46.8%	43.9	160,156	99.4%
04/30/2023	196.3	205,878	31.1%	90.3	187,427	73.1%	393,305	42.8%	44.0	161,085	100.0%
05/30/2022	199.9	254,794	38.4%	88.3	154,458	60.3%	409,252	44.5%	41.8	141,293	87.7%

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		
			April	YTD	Remaining	April	YTD	Remaining
05/29/2023	91	3,770	2,986	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
05/29/2023	44	44	4,641	1,902	249,642	05/30/2023	7:15 AM	9.10

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	05/29/2023	MTD	YTD	05/29/2023	MTD	YTD	05/29/2023	MTD	YTD
Air Temp	85			85					
Evaporation	267	5,762	21,921	290	7,419	30,020	557	13,181	51,941
Rainfall	0.86	6.14	13.66	0.20	1.71	8.47			

Stream Flows			
Gauging Station		05/29/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	379	46,857
NRTI	Nueces River at Tilden, Texas	110	5,131
FRTT	Frio River at Tilden, Texas	29	3,144
SMTT	San Miguel Creek at Tilden, Texas	0	60
ARWT	Atascosa River at Whitsett, Texas	104	29,659
CCR	Release from Choke Canyon Reservoir	58	1,526
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	723	13,642
NCAT	Nueces River at Calallen, Texas	248	5,251
RBP	Rincon Bayou Pipeline	203	2,976
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	350	48,535

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	23,500			23,500
	Salinity Relief Credit	0	Effective		
Credit / -Deficit From Previous Month			Date Deficit Satisfied	05/06/2023	-455
Return Flow Credit			Effective	05/06/2023	500
Required Passthru	Monthly Target	23,500			23,500
	Reservoir Inflow	48,535			
Estuary Inflows (NCAT + RBP)					8,227
Passthru Surplus / -Deficit					-15,228