

Daily Reservoir and Pass-Thru Status Report

May 31, 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%
05/31/2023	197.1	216,196	32.6%	91.7	212,485	82.9%	428,681	46.6%	43.9	160,156	99.4%
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%
05/01/2023	196.3	205,878	31.1%	90.2	185,698	72.4%	391,576	42.6%	44.0	161,085	100.0%
05/31/2022	199.9	254,794	38.4%	88.2	152,896	59.6%	407,690	44.4%	41.7	140,426	87.2%

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	
05/30/2023	67	3,837	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
05/30/2023	68	112	4,709	1,828	251,470	05/31/2023	7:15 AM	9.10

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	05/30/2023	MTD	YTD	05/30/2023	MTD	YTD	05/30/2023	MTD	YTD
Air Temp	87			87					
Evaporation	160	5,922	22,081	300	7,719	30,320	460	13,641	52,401
Rainfall	0.00	6.14	13.66	0.00	1.71	8.47			

Stream Flows			
Gauging Station		05/30/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	607	47,465
NRTI	Nueces River at Tilden, Texas	77	5,208
FRTT	Frio River at Tilden, Texas	17	3,161
SMTT	San Miguel Creek at Tilden, Texas	0	60
ARWT	Atascosa River at Whitsett, Texas	623	30,282
CCR	Release from Choke Canyon Reservoir	58	1,584
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	723	14,364
NCAT	Nueces River at Calallen, Texas	266	5,517
RBP	Rincon Bayou Pipeline	202	3,178
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	567	49,102

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	49,102			
Estuary Inflows (NCAT + RBP)					8,695
Passthru Surplus / -Deficit					-14,760

Report Generated

5/31/2023

at

9:32:25 AM