

Daily Reservoir and Pass-Thru Status Report

May 28, 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%
05/28/2023	197.1	216,196	32.6%	91.8	214,326	83.6%	430,522	46.8%	44.0	161,085	100.0%
05/27/2023	197.1	216,196	32.6%	91.8	214,326	83.6%	430,522	46.8%	44.0	161,085	100.0%
04/28/2023	196.3	205,878	31.1%	90.3	187,427	73.1%	393,305	42.8%	44.0	161,085	100.0%
05/28/2022	200.0	256,259	38.7%	88.4	156,028	60.9%	412,287	44.9%	41.9	142,163	88.3%

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			
			April	YTD	Remaining	April	YTD	Remaining	
05/27/2023	135	3,544	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
05/27/2023	0	0	4,597	1,888	245,993	05/28/2023	7:15 AM	9.16

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	05/27/2023	MTD	YTD	05/27/2023	MTD	YTD	05/27/2023	MTD	YTD
Air Temp	85			87					
Evaporation	206	5,350	21,509	365	6,925	29,526	571	12,275	51,035
Rainfall	0.00	5.28	12.8	0.00	1.51	8.27			

Stream Flows			
Gauging Station		05/27/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	1,020	45,930
NRTI	Nueces River at Tilden, Texas	310	4,843
FRTI	Frio River at Tilden, Texas	171	3,058
SMIT	San Miguel Creek at Tilden, Texas	0	60
ARWT	Atascosa River at Whitsett, Texas	102	29,468
CCR	Release from Choke Canyon Reservoir	58	1,411
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	721	12,197
NCAT	Nueces River at Calallen, Texas	244	4,729
RBP	Rincon Bayou Pipeline	204	2,570
Reservoir InFlow			
Computed as:	(NTRT+FRIT+SMIT)-Release from Choke Canyon	1,133	47,638

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target	Monthly Target	23,500			23,500
Passthru	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	Monthly Target	23,500			23,500
Passthru	Reservoir Inflow	47,638			
Estuary Inflows (NCAT + RBP)					7,300
Passthru Surplus / -Deficit					-16,155