

Daily Reservoir and Pass-Thru Status Report

March 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%
03/31/2023	195.7	198,337	29.9%	89.2	168,877	65.9%	367,214	40.0%	43.0	151,919	94.3%
03/30/2023	195.7	198,337	29.9%	89.2	168,877	65.9%	367,214	40.0%	43.1	152,823	94.9%
03/03/2023	195.9	200,832	30.3%	89.8	178,868	69.8%	379,700	41.3%	43.7	158,306	98.3%
03/31/2022	201.0	271,222	40.9%	89.9	180,563	70.4%	451,785	49.2%	43.9	160,156	99.4%

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		
			March	YTD	Remaining	March	YTD	Remaining
03/30/2023	62	2,374	0	2,367	29,073	2,711	3,450	8,550

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
03/30/2023	68	1,531	3,556	1,020	30,321	03/31/2023	7:15 AM	8.03

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	03/30/2023	MTD	YTD	03/30/2023	MTD	YTD	03/30/2023	MTD	YTD
Air Temp	79			80					
Evaporation	87	4,713	11,085	201	6,448	15,662	288	11,161	26,747
Rainfall	0.01	1.15	1.94	0.00	0.78	1.3			

Stream Flows			
Gauging Station		03/30/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	54	1,688
NRTI	Nueces River at Tilden, Texas	0	0
FRTI	Frio River at Tilden, Texas	0	2
SMTI	San Miguel Creek at Tilden, Texas	0	0
ARWT	Atascosa River at Whitsett, Texas	0	112
CCR	Release from Choke Canyon Reservoir	58	1,727
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	208	5,899
NCAT	Nueces River at Calallen, Texas	0	29
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	NRTT+FRTT+SMTT+ARWT	0	146

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	3,500			3,500
	Salinity Relief Credit	0	Effective		
Credit / -Deficit From Previous Month			Date Deficit Satisfied	03/01/2023	14
Return Flow Credit			Effective		500
Required Passthru	Monthly Target	3,500			146
	Reservoir Inflow	146			
Estuary Inflows (NCAT + RBP)					29
Passthru Surplus / -Deficit					0