

Daily Reservoir and Pass-Thru Status Report

May 3, 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%
05/03/2023	196.2	204,609	30.9%	90.2	185,698	72.4%	390,307	42.5%	44.0	161,085	100.0%
05/02/2023	196.2	204,609	30.9%	90.2	185,698	72.4%	390,307	42.5%	44.0	161,085	100.0%
04/03/2023	195.7	198,337	29.9%	89.1	167,241	65.2%	365,578	39.8%	43.0	151,919	94.3%
05/03/2022	200.5	263,671	39.8%	89.0	165,614	64.6%	429,285	46.7%	42.8	150,120	93.2%

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			
			April	YTD	Remaining	April	YTD	Remaining	
05/02/2023	134	269	0	3,752	27,688	0	4,500	7,500	

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
05/02/2023	0	0	4,597	5,459	11,513	05/03/2023	7:15 AM	11.98

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	05/02/2023	MTD	YTD	05/02/2023	MTD	YTD	05/02/2023	MTD	YTD
Air Temp	81			81					
Evaporation	214	450	16,609	201	492	23,093	415	942	39,702
Rainfall	0.00	0	7.52	0.00	0	6.76			

Stream Flows			
Gauging Station		05/02/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	71	152
NRTI	Nueces River at Tilden, Texas	0	0
FRTI	Frio River at Tilden, Texas	0	0
SMTI	San Miguel Creek at Tilden, Texas	0	0
ARWT	Atascosa River at Whitsett, Texas	18	40
CCR	Release from Choke Canyon Reservoir	58	115
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	286	572
NCAT	Nueces River at Calallen, Texas	113	222
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	14	37

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	23,500			23,500
	Salinity Relief Credit	0			
Credit / -Deficit From Previous Month			Date Deficit Satisfied		-455
Return Flow Credit			Effective		0
Required Passthru	Monthly Target	23,500			37
	Reservoir Inflow	37			
Estuary Inflows (NCAT + RBP)					222
Passthru Surplus / -Deficit					-270