

Daily Reservoir and Pass-Thru Status Report

May 4, 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%
05/04/2023	196.2	204,609	30.9%	90.2	185,698	72.4%	390,307	42.5%	44.0	161,085	100.0%
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%
04/04/2023	195.6	197,097	29.7%	89.1	167,241	65.2%	364,338	39.6%	43.0	151,919	94.3%
05/04/2022	200.5	263,671	39.8%	89.0	165,614	64.6%	429,285	46.7%	42.6	148,332	92.1%

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	
05/03/2023	134	403	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
05/03/2023	0	0	4,597	4,347	15,860	05/04/2023	7:15 AM	11.26

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	05/03/2023	MTD	YTD	05/03/2023	MTD	YTD	05/03/2023	MTD	YTD
Air Temp	82			80					
Evaporation	140	590	16,749	181	673	23,274	321	1,263	40,023
Rainfall	0.00	0	7.52	0.00	0	6.76			

Stream Flows			
Gauging Station		05/03/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	65	218
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	15	55
CCR	Release from Choke Canyon Reservoir	58	173
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	286	858
NCAT	Nueces River at Calallen, Texas	106	328
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	8	45

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			45
	Reservoir Inflow	45			
Estuary Inflows (NCAT + RBP)					328
Passthru Surplus / -Deficit					-172