

# Daily Reservoir and Pass-Thru Status Report

## May 1, 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%
05/01/2023	196.3	205,878	31.1%	90.2	185,698	72.4%	391,576	42.6%	44.0	161,085	100.0%
04/30/2023	196.3	205,878	31.1%	90.3	187,427	73.1%	393,305	42.8%	44.0	161,085	100.0%
04/01/2023	195.7	198,337	29.9%	89.2	168,877	65.9%	367,214	40.0%	43.1	152,823	94.9%
05/01/2022	200.5	263,671	39.8%	89.1	167,241	65.2%	430,912	46.9%	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	
04/30/2023	134	2,986	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
04/30/2023	0	973	5,571	3,692	143,113	05/01/2023	7:15 AM	10.16

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	04/30/2023	MTD	YTD	04/30/2023	MTD	YTD	04/30/2023	MTD	YTD
Air Temp	87			86					
Evaporation	252	4,958	16,159	372	6,700	22,601	624	11,658	38,760
Rainfall	0.00	5.58	7.52	0.00	5.46	6.76			

Stream Flows			
Gauging Station		04/30/2023	MTD
<a href="#">NTRI</a>	Nueces River at Three Rivers, Texas	96	26,698
<a href="#">NRTI</a>	Nueces River at Tilden, Texas	1	2,969
<a href="#">FRTT</a>	Frio River at Tilden, Texas	0	2,666
<a href="#">SMTT</a>	San Miguel Creek at Tilden, Texas	0	150
<a href="#">ARWT</a>	Atascosa River at Whitsett, Texas	29	17,890
<a href="#">CCR</a>	Release from Choke Canyon Reservoir	58	1,590
<a href="#">NRMT</a>	Nueces River at Mathis, Texas (La Fruta Bridge)	286	6,391
<a href="#">NCAT</a>	Nueces River at Calallen, Texas	116	2,071
<a href="#">RBP</a>	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	39	27,940

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	3,040			3,040
	<a href="#">Salinity Relief Credit</a>	0			
Credit / -Deficit From Previous Month			Date Deficit Satisfied	04/01/2023	14
Return Flow Credit			Effective		500
Required Passthru	Monthly Target	3,040			3,040
	Reservoir Inflow	27,940			
Estuary Inflows (NCAT + RBP)					2,071
Passthru Surplus / -Deficit					-455