

# Daily Reservoir and Pass-Thru Status Report

## May 14, 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%
05/14/2023	196.5	208,430	31.4%	90.7	194,426	75.8%	402,856	43.8%	44.1	161,085	100.0%
05/13/2023	196.4	207,152	31.3%	90.7	194,426	75.8%	401,578	43.7%	43.9	160,156	99.4%
04/14/2023	196.3	205,878	31.1%	90.2	185,698	72.4%	391,576	42.6%	44.0	161,085	100.0%
05/14/2022	200.3	260,689	39.3%	88.7	160,783	62.7%	421,472	45.9%	42.3	145,671	90.4%

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			
			April	YTD	Remaining	April	YTD	Remaining	
05/13/2023	133	1,732	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
05/13/2023	0	0	4,597	12,009	74,070	05/14/2023	7:15 AM	16.44

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	05/13/2023	MTD	YTD	05/13/2023	MTD	YTD	05/13/2023	MTD	YTD
Air Temp	76			76					
Evaporation	187	2,407	18,566	72	3,062	25,663	259	5,469	44,229
Rainfall	1.28	3.5	11.02	0.37	1.32	8.08			

Stream Flows			
Gauging Station		05/13/2023	MTD
<a href="#">NTRI</a>	Nueces River at Three Rivers, Texas	814	12,237
<a href="#">NRTI</a>	Nueces River at Tilden, Texas	437	955
<a href="#">FRTT</a>	Frio River at Tilden, Texas	10	849
<a href="#">SMTT</a>	San Miguel Creek at Tilden, Texas	0	0
<a href="#">ARWT</a>	Atascosa River at Whitsett, Texas	439	6,930
<a href="#">CCR</a>	Release from Choke Canyon Reservoir	58	748
<a href="#">NRMT</a>	Nueces River at Mathis, Texas (La Fruta Bridge)	371	3,149
<a href="#">NCAT</a>	Nueces River at Calallen, Texas	181	1,046
<a href="#">RBP</a>	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	766	12,338

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	23,500			23,500
	<a href="#">Salinity Relief Credit</a>	0	Effective		
Credit / -Deficit From Previous Month			Date Deficit Satisfied	05/06/2023	-455
Return Flow Credit			Effective	05/06/2023	500
Required Passthru	Monthly Target	23,500			12,338
	Reservoir Inflow	12,338			
Estuary Inflows (NCAT + RBP)					1,046
Passthru Surplus / -Deficit					-11,247

Report Generated

5/14/2023

at

8:46:16 AM