

# Daily Reservoir and Pass-Thru Status Report

## May 29, 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%
05/29/2023	197.1	216,196	32.6%	91.8	214,326	83.6%	430,522	46.8%	43.9	160,156	99.4%
05/28/2023	197.1	216,196	32.6%	91.8	214,326	83.6%	430,522	46.8%	44.0	161,085	100.0%
04/29/2023	196.2	204,609	30.9%	90.4	189,164	73.8%	393,773	42.8%	44.0	161,085	100.0%
05/29/2022	199.9	254,794	38.4%	88.4	156,028	60.9%	410,822	44.7%	41.8	141,293	87.7%

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	
05/28/2023	135	3,680	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
05/28/2023	0	0	4,597	1,747	247,740	05/29/2023	7:15 AM	9.03

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	05/28/2023	MTD	YTD	05/28/2023	MTD	YTD	05/28/2023	MTD	YTD
Air Temp	81			83					
Evaporation	145	5,495	21,654	204	7,129	29,730	349	12,624	51,384
Rainfall	0.00	5.28	12.8	0.00	1.51	8.27			

Stream Flows			
Gauging Station		05/28/2023	MTD
<a href="#">NTRI</a>	Nueces River at Three Rivers, Texas	548	46,478
<a href="#">NRTI</a>	Nueces River at Tilden, Texas	178	5,021
<a href="#">FRTT</a>	Frio River at Tilden, Texas	57	3,115
<a href="#">SMTT</a>	San Miguel Creek at Tilden, Texas	0	60
<a href="#">ARWT</a>	Atascosa River at Whitsett, Texas	87	29,555
<a href="#">CCR</a>	Release from Choke Canyon Reservoir	58	1,469
<a href="#">NRMT</a>	Nueces River at Mathis, Texas (La Fruta Bridge)	723	12,919
<a href="#">NCAT</a>	Nueces River at Calallen, Texas	274	5,003
<a href="#">RBP</a>	Rincon Bayou Pipeline	203	2,774
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	547	48,185

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			23,500
	Reservoir Inflow	48,185			
Estuary Inflows (NCAT + RBP)					7,776
Passthru Surplus / -Deficit					-15,679

Report Generated

5/29/2023

at

9:08:07 AM