

Daily Reservoir and Pass-Thru Status Report

May 16, 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%
05/16/2023	196.5	208,430	31.4%	90.9	197,976	77.2%	406,406	44.2%	44.0	161,085	100.0%
05/15/2023	196.5	208,430	31.4%	90.7	194,426	75.8%	402,856	43.8%	44.0	161,085	100.0%
04/16/2023	196.3	205,878	31.1%	90.2	185,698	72.4%	391,576	42.6%	44.0	161,085	100.0%
05/16/2022	200.2	259,206	39.1%	88.6	159,190	62.1%	418,396	45.5%	42.2	144,790	89.9%

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	
05/15/2023	133	1,998	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
05/15/2023	0	0	4,597	44,067	140,171	05/16/2023	7:15 AM	27.44

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	05/15/2023	MTD	YTD	05/15/2023	MTD	YTD	05/15/2023	MTD	YTD
Air Temp	80			82					
Evaporation	112	2,713	18,872	156	3,414	26,015	268	6,127	44,887
Rainfall	0.00	3.5	11.02	0.07	1.39	8.15			

Stream Flows			
Gauging Station		05/15/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	2,978	16,991
NRTI	Nueces River at Tilden, Texas	82	1,404
FRTT	Frio River at Tilden, Texas	11	866
SMTT	San Miguel Creek at Tilden, Texas	6	6
ARWT	Atascosa River at Whitsett, Texas	1,834	10,102
CCR	Release from Choke Canyon Reservoir	58	863
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	494	4,056
NCAT	Nueces River at Calallen, Texas	224	1,778
RBP	Rincon Bayou Pipeline	118	118
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	2,937	16,999

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	23,500			23,500
	Salinity Relief Credit	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			16,999
	Reservoir Inflow	16,999			
Estuary Inflows (NCAT + RBP)					1,897
Passthru Surplus / -Deficit					-15,057

Report Generated

5/16/2023

at

8:58:02 AM