

Daily Reservoir and Pass-Thru Status Report

April 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%
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%
04/28/2023	196.3	205,878	31.1%	90.3	187,427	73.1%	393,305	42.8%	44.0	161,085	100.0%
03/29/2023	195.7	198,337	29.9%	89.3	170,521	66.5%	368,858	40.1%	43.2	153,730	95.4%
04/29/2022	200.5	263,671	39.8%	89.1	167,241	65.2%	430,912	46.9%	42.9	151,018	93.8%

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			
			March	YTD	Remaining	March	YTD	Remaining	
04/28/2023	135	2,717	1,384	3,752	27,688	1,050	4,500	7,500	

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
04/28/2023	0	973	4,597	2,978	136,046	04/29/2023	7:15 AM	9.86

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	04/28/2023	MTD	YTD	04/28/2023	MTD	YTD	04/28/2023	MTD	YTD
Air Temp	84			83					
Evaporation	229	4,454	15,655	314	5,965	21,866	543	10,419	37,521
Rainfall	0.20	5.58	7.52	0.46	5.46	6.76			

Stream Flows			
Gauging Station		04/28/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	179	26,480
NRTI	Nueces River at Tilden, Texas	6	2,965
FRTI	Frio River at Tilden, Texas	0	2,666
SMTI	San Miguel Creek at Tilden, Texas	0	150
ARWT	Atascosa River at Whitsett, Texas	52	17,823
CCR	Release from Choke Canyon Reservoir	58	1,475
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	284	5,819
NCAT	Nueces River at Calallen, Texas	129	1,820
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	122	27,838

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	3,040			3,040
	Salinity Relief Credit	0	Effective		
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	27,838			
Estuary Inflows (NCAT + RBP)					1,820
Passthru Surplus / -Deficit					-706

Report Generated

4/29/2023

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