

Daily Reservoir and Pass-Thru Status Report

April 22, 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%
04/22/2023	196.2	204,609	30.9%	90.1	183,978	71.8%	388,587	42.3%	44.0	161,085	100.0%
04/21/2023	196.2	204,609	30.9%	90.1	183,978	71.8%	388,587	42.3%	44.0	161,085	100.0%
03/22/2023	195.8	199,582	30.1%	89.3	170,521	66.5%	370,103	40.3%	43.2	153,730	95.4%
04/22/2022	200.6	265,171	40.0%	89.2	168,877	65.9%	434,048	47.2%	43.1	152,823	94.9%

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			
			March	YTD	Remaining	March	YTD	Remaining	
04/21/2023	107	1,780	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
04/21/2023	25	973	4,597	1,538	98,740	04/22/2023	7:15 AM	8.50

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	04/21/2023	MTD	YTD	04/21/2023	MTD	YTD	04/21/2023	MTD	YTD
Air Temp	78			78					
Evaporation	133	3,300	14,501	250	4,452	20,353	383	7,752	34,854
Rainfall	0.00	3.38	5.32	0.00	2.38	3.68			

Stream Flows			
Gauging Station		04/21/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	70	22,793
NRTI	Nueces River at Tilden, Texas	4	2,888
FRTI	Frio River at Tilden, Texas	0	2,648
SMTT	San Miguel Creek at Tilden, Texas	0	150
ARWT	Atascosa River at Whitsett, Texas	7	15,832
CCR	Release from Choke Canyon Reservoir	58	1,072
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	224	4,185
NCAT	Nueces River at Calallen, Texas	34	555
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	13	24,536

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	24,536			
Estuary Inflows (NCAT + RBP)					555
Passthru Surplus / -Deficit					-1,971