

Daily Reservoir and Pass-Thru Status Report

April 10, 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%
04/10/2023	196.4	207,152	31.3%	90.0	182,266	71.1%	389,418	42.4%	44.0	161,085	100.0%
04/09/2023	196.3	205,878	31.1%	89.6	175,504	68.5%	381,382	41.5%	44.0	161,085	100.0%
03/10/2023	195.9	200,832	30.3%	89.6	175,504	68.5%	376,336	40.9%	43.5	156,467	97.1%
04/10/2022	200.8	268,186	40.5%	89.4	172,173	67.2%	440,359	47.9%	43.5	156,467	97.1%

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	
04/09/2023	130	663	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
04/09/2023	0	499	4,122	21,438	52,813	04/10/2023	7:15 AM	20.59

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	04/09/2023	MTD	YTD	04/09/2023	MTD	YTD	04/09/2023	MTD	YTD
Air Temp	73			75					
Evaporation	67	1,204	12,405	149	1,622	17,523	216	2,826	29,928
Rainfall	0.00	3.24	5.18	0.00	2.09	3.39			

Stream Flows			
Gauging Station		04/09/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	6,928	15,641
NRTI	Nueces River at Tilden, Texas	482	1,468
FRTT	Frio River at Tilden, Texas	254	2,592
SMTT	San Miguel Creek at Tilden, Texas	0	150
ARWT	Atascosa River at Whitsett, Texas	3,891	15,272
CCR	Release from Choke Canyon Reservoir	0	381
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	189	1,636
NCAT	Nueces River at Calallen, Texas	86	263
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	7,182	18,018

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	18,018			
Estuary Inflows (NCAT + RBP)					263
Passthru Surplus / -Deficit					-2,263

Report Generated

4/10/2023

at

9:25:47 AM