

Daily Reservoir and Pass-Thru Status Report

May 13, 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%
05/13/2023	196.4	207,152	31.3%	90.7	194,426	75.8%	401,578	43.7%	43.9	160,156	99.4%
05/12/2023	196.4	207,152	31.3%	90.5	190,909	74.5%	398,061	43.3%	44.0	161,085	100.0%
04/13/2023	196.3	205,878	31.1%	90.2	185,698	72.4%	391,576	42.6%	44.0	161,085	100.0%
05/13/2022	200.3	260,689	39.3%	88.7	160,783	62.7%	421,472	45.9%	42.3	145,671	90.4%

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	
05/12/2023	132	1,600	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
05/12/2023	0	0	4,597	20,446	62,061	05/13/2023	7:15 AM	20.29

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	05/12/2023	MTD	YTD	05/12/2023	MTD	YTD	05/12/2023	MTD	YTD
Air Temp	85			86					
Evaporation	216	2,220	18,379	494	2,990	25,591	710	5,210	43,970
Rainfall	0.04	2.22	9.74	0.48	0.95	7.71			

Stream Flows			
Gauging Station		05/12/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	2,640	11,423
NRTI	Nueces River at Tilden, Texas	16	518
FRTT	Frio River at Tilden, Texas	33	840
SMTT	San Miguel Creek at Tilden, Texas	0	0
ARWT	Atascosa River at Whitsett, Texas	774	6,491
CCR	Release from Choke Canyon Reservoir	58	691
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	272	2,778
NCAT	Nueces River at Calallen, Texas	51	865
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	2,616	11,572

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			11,572
	Reservoir Inflow	11,572			
Estuary Inflows (NCAT + RBP)					865
Passthru Surplus / -Deficit					-10,663

Report Generated

5/13/2023

at

9:44:57 AM