

Daily Reservoir and Pass-Thru Status Report

May 21, 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%
05/21/2023	196.9	213,589	32.2%	91.4	206,995	80.8%	420,584	45.8%	44.0	161,085	100.0%
05/20/2023	196.7	211,000	31.8%	91.5	208,819	81.5%	419,819	45.7%	43.9	160,156	99.4%
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%
05/21/2022	200.1	257,729	38.9%	88.4	156,028	60.9%	413,757	45.0%	41.9	142,163	88.3%

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	
05/20/2023	133	2,663	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
05/20/2023	0	0	4,597	6,412	226,756	05/21/2023	7:15 AM	13.57

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	05/20/2023	MTD	YTD	05/20/2023	MTD	YTD	05/20/2023	MTD	YTD
Air Temp	78			80					
Evaporation	136	3,815	19,974	212	4,766	27,367	348	8,581	47,341
Rainfall	0.04	5.28	12.8	0.05	1.51	8.27			

Stream Flows			
Gauging Station		05/20/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	699	30,185
NRTI	Nueces River at Tilden, Texas	10	1,467
FRTT	Frio River at Tilden, Texas	27	979
SMTT	San Miguel Creek at Tilden, Texas	1	58
ARWT	Atascosa River at Whitsett, Texas	804	20,235
CCR	Release from Choke Canyon Reservoir	58	1,040
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	683	7,214
NCAT	Nueces River at Calallen, Texas	220	3,161
RBP	Rincon Bayou Pipeline	204	1,144
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	669	30,181

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			23,500
	Reservoir Inflow	30,181			
Estuary Inflows (NCAT + RBP)					4,305
Passthru Surplus / -Deficit					-19,150

Report Generated

5/21/2023

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