

Daily Reservoir and Pass-Thru Status Report

May 24, 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%
05/24/2023	197.0	214,890	32.4%	91.9	216,174	84.3%	431,064	46.9%	44.1	161,085	100.0%
05/23/2023	197.0	214,890	32.4%	91.6	210,649	82.2%	425,539	46.3%	44.0	161,085	100.0%
04/24/2023	196.3	205,878	31.1%	90.3	187,427	73.1%	393,305	42.8%	44.0	161,085	100.0%
05/24/2022	200.0	256,259	38.7%	88.4	156,028	60.9%	412,287	44.9%	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	
05/23/2023	76	3,005	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
05/23/2023	0	0	4,597	2,581	236,940	05/24/2023	7:15 AM	10.47

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	05/23/2023	MTD	YTD	05/23/2023	MTD	YTD	05/23/2023	MTD	YTD
Air Temp	88			89					
Evaporation	205	4,392	20,551	399	5,582	28,183	604	9,974	48,734
Rainfall	0.00	5.28	12.8	0.00	1.51	8.27			

Stream Flows			
Gauging Station		05/23/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	3,970	41,004
NRTI	Nueces River at Tilden, Texas	580	2,064
FRTT	Frio River at Tilden, Texas	150	1,517
SMTT	San Miguel Creek at Tilden, Texas	3	60
ARWT	Atascosa River at Whitsett, Texas	1,183	28,683
CCR	Release from Choke Canyon Reservoir	26	1,181
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	717	9,316
NCAT	Nueces River at Calallen, Texas	177	3,808
RBP	Rincon Bayou Pipeline	204	1,755
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon		4,097
			41,400

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	41,400			
Estuary Inflows (NCAT + RBP)					5,563
Passthru Surplus / -Deficit					-17,892

Report Generated

5/24/2023

at

8:52:57 AM