

Daily Reservoir and Pass-Thru Status Report

March 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%
03/21/2023	196.2	199,582	30.1%	90.3	172,173	67.2%	371,755	40.4%	44.0	153,730	95.4%
03/20/2023	196.2	199,582	30.1%	90.3	172,173	67.2%	371,755	40.4%	44.0	154,639	96.0%
02/21/2023	196.2	203,345	30.7%	90.3	180,563	70.4%	383,908	41.8%	44.0	160,156	99.4%
03/21/2022	201.1	272,748	41.1%	89.9	180,563	70.4%	453,311	49.3%	43.3	154,639	96.0%

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			
			February	YTD	Remaining	February	YTD	Remaining	
03/20/2023	62	1,770	0	2,367	29,073	2,711	3,450	8,550	

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
03/20/2023	68	854	2,879	1,044	19,671	03/21/2023	7:15 AM	8.09

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	03/20/2023	MTD	YTD	03/20/2023	MTD	YTD	03/20/2023	MTD	YTD
Air Temp	60			62					
Evaporation	44	3,218	9,590	125	4,625	13,839	169	7,843	23,429
Rainfall	0.02	0.89	1.68	0.03	0.67	1.19			

Stream Flows			
Gauging Station		03/20/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	54	1,174
NRTI	Nueces River at Tilden, Texas	0	0
FRTI	Frio River at Tilden, Texas	0	2
SMTI	San Miguel Creek at Tilden, Texas	0	0
ARWT	Atascosa River at Whitsett, Texas	0	107
CCR	Release from Choke Canyon Reservoir	58	1,151
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	194	3,968
NCAT	Nueces River at Calallen, Texas	0	28
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	NRTT+FRTT+SMTT+ARWT	0	141

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	3,500			3,500
	Salinity Relief Credit	0	Effective		
Credit / -Deficit From Previous Month			Date Deficit Satisfied	03/01/2023	14
Return Flow Credit			Effective		500
Required Passthru	Monthly Target	3,500			141
	Reservoir Inflow	141			
Estuary Inflows (NCAT + RBP)					28
Passthru Surplus / -Deficit					0

Report Generated

3/21/2023

at

9:20:27 AM