

Daily Reservoir and Pass-Thru Status Report

May 8, 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%
05/08/2023	196.2	204,609	30.9%	90.0	182,266	71.1%	386,875	42.1%	44.0	161,085	100.0%
05/07/2023	196.2	204,609	30.9%	90.1	183,978	71.8%	388,587	42.3%	43.9	160,156	99.4%
04/08/2023	196.2	204,609	30.9%	89.3	170,521	66.5%	375,130	40.8%	43.5	156,467	97.1%
05/08/2022	200.4	262,177	39.6%	88.9	163,995	64.0%	426,172	46.4%	42.5	147,442	91.5%

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	
05/07/2023	134	940	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
05/07/2023	0	0	4,597	1,671	24,414	05/08/2023	7:15 AM	8.59

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	05/07/2023	MTD	YTD	05/07/2023	MTD	YTD	05/07/2023	MTD	YTD
Air Temp	76			87					
Evaporation	103	1,239	17,398	292	1,586	24,187	395	2,825	41,585
Rainfall	0.45	0.45	7.97	0.00	0	6.76			

Stream Flows			
Gauging Station		05/07/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	60	459
NRTI	Nueces River at Tilden, Texas	0	0
FRTI	Frio River at Tilden, Texas	0	0
SMTI	San Miguel Creek at Tilden, Texas	0	0
ARWT	Atascosa River at Whitsett, Texas	11	107
CCR	Release from Choke Canyon Reservoir	58	403
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	180	1,734
NCAT	Nueces River at Calallen, Texas	56	675
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	3	56

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			56
	Reservoir Inflow	56			
Estuary Inflows (NCAT + RBP)					675
Passthru Surplus / -Deficit					663

Report Generated

5/8/2023

at

9:40:37 AM