

Daily Reservoir and Pass-Thru Status Report

September 23, 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%
09/23/2023	194.0	177,918	26.8%	87.4	140,670	54.9%	318,588	34.7%	39.0	118,078	73.3%
09/22/2023	194.0	177,918	26.8%	87.5	142,172	55.5%	320,090	34.8%	39.0	118,078	73.3%
08/23/2023	194.8	187,358	28.3%	88.1	151,341	59.0%	338,699	36.8%	40.2	127,743	79.3%
09/23/2022	197.9	226,815	34.2%	92.4	225,500	88.0%	452,315	49.2%	39.7	123,656	76.8%

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			
			August	YTD	Remaining	August	YTD	Remaining	
09/22/2023	129	2,533	0	10,118	21,322	0	9,000	3,000	

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
09/22/2023	0	395	5,557	945	9,483	09/23/2023	7:15 AM	8.17

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	09/22/2023	MTD	YTD	09/22/2023	MTD	YTD	09/22/2023	MTD	YTD
Air Temp	101			97					
Evaporation	284	6,105	60,927	323	6,458	74,156	607	12,563	135,083
Rainfall	0.00	0	17.51	0.00	0.44	12.7			

Stream Flows			
Gauging Station		09/22/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	96	7,424
NRTI	Nueces River at Tilden, Texas	16	6,549
FRTI	Frio River at Tilden, Texas	0	18
SMTI	San Miguel Creek at Tilden, Texas	0	0
ARWT	Atascosa River at Whitsett, Texas	0	46
CCR	Release from Choke Canyon Reservoir	58	1,266
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	276	5,834
NCAT	Nueces River at Calallen, Texas	8	163
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	39	6,176

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	1,200			1,200
	Salinity Relief Credit	0	Effective		
Credit / -Deficit From Previous Month			Date Deficit Satisfied	09/01/2023	514
Return Flow Credit			Effective	09/01/2023	500
Required Passthru	Monthly Target	1,200			1,200
	Reservoir Inflow	6,176			
Estuary Inflows (NCAT + RBP)					163
Passthru Surplus / -Deficit					-23