

Daily Reservoir and Pass-Thru Status Report

December 17, 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%
12/17/2023	192.8	164,306	24.8%	86.3	124,670	48.6%	288,976	31.4%	39.1	118,865	73.8%
12/16/2023	192.8	164,306	24.8%	86.3	124,670	48.6%	288,976	31.4%	39.1	118,865	73.8%
11/17/2023	193.2	168,766	25.5%	86.7	130,369	50.9%	299,135	32.5%	39.3	120,448	74.8%
12/17/2022	196.8	212,292	32.0%	90.9	197,976	77.2%	410,268	44.6%	42.8	150,120	93.2%

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			
			November	YTD	Remaining	November	YTD	Remaining	
12/16/2023	123	1,069	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
12/16/2023	0	545	7,866	752	11,954	12/17/2023	7:15 AM	7.85

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	12/16/2023	MTD	YTD	12/16/2023	MTD	YTD	12/16/2023	MTD	YTD
Air Temp	66			65					
Evaporation	71	1,122	70,180	156	1,506	85,921	227	2,628	156,102
Rainfall	0.00	0.15	22.05	0.00	0.54	19.44			

Stream Flows			
Gauging Station		12/16/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	65	1,006
NRTI	Nueces River at Tilden, Texas	0	0
FRTI	Frio River at Tilden, Texas	0	5
SMTI	San Miguel Creek at Tilden, Texas	0	0
ARWT	Atascosa River at Whitsett, Texas	3	84
CCR	Release from Choke Canyon Reservoir	58	921
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	159	3,322
NCAT	Nueces River at Calallen, Texas	0	36
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	7	89

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	12/01/2023	0
Return Flow Credit			Effective	12/01/2023	500
Required Passthru	Monthly Target	1,200			89
	Reservoir Inflow	89			
Estuary Inflows (NCAT + RBP)					36
Passthru Surplus / -Deficit					0

Report Generated

12/17/2023

at

7:48:12 AM