

Daily Reservoir and Pass-Thru Status Report

December 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%
12/21/2023	192.8	164,306	24.8%	86.2	123,267	48.1%	287,573	31.3%	39.0	118,078	73.3%
12/20/2023	192.8	164,306	24.8%	86.2	123,267	48.1%	287,573	31.3%	39.0	118,078	73.3%
11/21/2023	193.1	167,644	25.3%	86.8	131,815	51.4%	299,459	32.6%	39.2	119,655	74.3%
12/21/2022	196.8	212,292	32.0%	90.8	196,197	76.5%	408,489	44.4%	42.9	151,018	93.8%

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			
			November	YTD	Remaining	November	YTD	Remaining	
12/20/2023	124	1,563	0	25,313	6,127	0	9,000	3,000	

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
12/20/2023	0	545	7,866	699	14,856	12/21/2023	7:15 AM	7.79

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	12/20/2023	MTD	YTD	12/20/2023	MTD	YTD	12/20/2023	MTD	YTD
Air Temp	76			77					
Evaporation	97	1,528	70,586	98	1,931	86,346	195	3,459	156,933
Rainfall	0.00	0.15	22.05	0.00	0.54	19.44			

Stream Flows			
Gauging Station		12/20/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	54	1,234
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	1	89
CCR	Release from Choke Canyon Reservoir	58	1,151
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	159	3,956
NCAT	Nueces River at Calallen, Texas	3	52
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	NRTT+FRTT+SMTT+ARWT	1	98

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			98
	Reservoir Inflow	98			
Estuary Inflows (NCAT + RBP)					52
Passthru Surplus / -Deficit					0

Report Generated

12/21/2023

at

9:38:39 AM