

Daily Reservoir and Pass-Thru Status Report

October 31, 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%
10/31/2023	193.3	169,893	25.6%	86.8	131,815	51.4%	301,708	32.8%	39.5	122,045	75.8%
10/30/2023	193.4	171,025	25.8%	87.0	134,734	52.6%	305,759	33.3%	39.6	122,849	76.3%
10/01/2023	193.8	175,602	26.5%	87.2	137,687	53.7%	313,289	34.1%	38.8	116,515	72.3%
10/31/2022	197.4	220,142	33.2%	91.2	203,365	79.3%	423,507	46.1%	38.6	114,966	71.4%

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			
			October	YTD	Remaining	October	YTD	Remaining	
10/30/2023	128	3,351	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
10/30/2023	0	474	6,031	1,431	21,555	10/31/2023	7:15 AM	8.64

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	10/30/2023	MTD	YTD	10/30/2023	MTD	YTD	10/30/2023	MTD	YTD
Air Temp	50			49					
Evaporation	72	3,886	66,567	144	4,908	81,289	216	8,795	147,857
Rainfall	0.02	2.36	20.32	0.10	2.71	16.22			

Stream Flows			
Gauging Station		10/30/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	59	2,693
NRTI	Nueces River at Tilden, Texas	0	1,227
FRTI	Frio River at Tilden, Texas	1	65
SMTI	San Miguel Creek at Tilden, Texas	0	1
ARWT	Atascosa River at Whitsett, Texas	1	27
CCR	Release from Choke Canyon Reservoir	58	1,727
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	158	5,826
NCAT	Nueces River at Calallen, Texas	5	429
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	3	1,033

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	10/01/2023	514
Return Flow Credit			Effective	10/01/2023	500
Required Passthru	Monthly Target	1,200			1,033
	Reservoir Inflow	1,033			
Estuary Inflows (NCAT + RBP)					429
Passthru Surplus / -Deficit					410