

Daily Reservoir and Pass-Thru Status Report

October 20, 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%
10/20/2023	193.6	173,304	26.1%	87.0	134,734	52.6%	308,038	33.5%	39.7	123,656	76.8%
10/19/2023	193.6	173,304	26.1%	87.0	134,734	52.6%	308,038	33.5%	39.7	123,656	76.8%
09/20/2023	194.1	179,083	27.0%	87.5	142,172	55.5%	321,255	35.0%	39.1	118,865	73.8%
10/20/2022	197.4	220,142	33.2%	91.5	208,819	81.5%	428,961	46.7%	38.8	116,515	72.3%

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			
			September	YTD	Remaining	September	YTD	Remaining	
10/19/2023	125	1,952	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
10/19/2023	0	474	6,031	532	14,213	10/20/2023	7:15 AM	7.60

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	10/19/2023	MTD	YTD	10/19/2023	MTD	YTD	10/19/2023	MTD	YTD
Air Temp	87			87					
Evaporation	140	2,384	65,065	145	2,946	79,327	285	5,331	144,393
Rainfall	0.00	1.81	19.77	0.00	2.36	15.87			

Stream Flows			
Gauging Station		10/19/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	73	2,015
NRTI	Nueces River at Tilden, Texas	6	1,224
FRTT	Frio River at Tilden, Texas	1	49
SMTT	San Miguel Creek at Tilden, Texas	0	1
ARWT	Atascosa River at Whitsett, Texas	2	17
CCR	Release from Choke Canyon Reservoir	58	1,094
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	232	3,768
NCAT	Nueces River at Calallen, Texas	0	357
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	17	973

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			973
	Reservoir Inflow	973			
Estuary Inflows (NCAT + RBP)					357
Passthru Surplus / -Deficit					398