

Daily Reservoir and Pass-Thru Status Report

August 18, 2022

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%
08/18/2022	197.8	225,471	34.0%	85.4	112,393	43.8%	337,864	36.8%	39.1	118,865	73.8%
08/17/2022	197.8	225,471	34.0%	85.4	112,393	43.8%	337,864	36.8%	39.1	118,865	73.8%
07/18/2022	198.5	234,978	35.5%	86.4	126,081	49.2%	361,059	39.3%	40.0	126,098	78.3%
08/18/2021	204.5	327,318	49.4%	93.0	236,887	92.4%	564,205	61.4%	43.9	160,156	99.4%

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			
			July	YTD	Remaining	July	YTD	Remaining	
08/17/2022	67	1,298	2,861	17,745	13,695	0	4,500	7,500	

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
08/17/2022	0	958	5,810	738	9,445	08/18/2022	7:15 AM	7.65

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	08/17/2022	MTD	YTD	08/17/2022	MTD	YTD	08/17/2022	MTD	YTD
Air Temp	96			93					
Evaporation	290	5,102	61,514	231	4,281	53,034	521	9,383	114,548
Rainfall	0.00	1.54	5.71	0.00	3.3	8.41			

Stream Flows			
Gauging Station		08/17/2022	MTD
NTRI	Nueces River at Three Rivers, Texas	56	1,007
NRTI	Nueces River at Tilden, Texas	963	993
FRTT	Frio River at Tilden, Texas	403	408
SMTT	San Miguel Creek at Tilden, Texas	0	0
ARWT	Atascosa River at Whitsett, Texas	0	2
CCR	Release from Choke Canyon Reservoir	58	979
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	262	4,660
NCAT	Nueces River at Calallen, Texas	4	267
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	401	443

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	08/01/2022	0
Return Flow Credit			Effective		500
Required Passthru	Monthly Target	1,200			443
	Reservoir Inflow	443			
Estuary Inflows (NCAT + RBP)					267
Passthru Surplus / -Deficit					0