

Daily Reservoir and Pass-Thru Status Report

August 19, 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%
08/19/2022	197.8	225,471	34.0%	85.4	112,393	43.8%	337,864	36.8%	39.1	118,865	73.8%
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%
07/19/2022	198.5	234,978	35.5%	86.4	126,081	49.2%	361,059	39.3%	39.9	125,280	77.8%
08/19/2021	204.4	325,645	49.1%	93.0	236,887	92.4%	562,532	61.2%	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	
08/18/2022	67	1,432	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
08/18/2022	0	958	5,810	709	10,153	08/19/2022	7:15 AM	7.58

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	08/18/2022	MTD	YTD	08/18/2022	MTD	YTD	08/18/2022	MTD	YTD
Air Temp	97			96					
Evaporation	298	5,400	61,812	191	4,472	53,225	489	9,872	115,037
Rainfall	0.00	1.54	5.71	0.00	3.3	8.41			

Stream Flows			
Gauging Station		08/18/2022	MTD
NTRI	Nueces River at Three Rivers, Texas	92	1,099
NRTI	Nueces River at Tilden, Texas	6,828	7,821
FRTT	Frio River at Tilden, Texas	1,268	1,676
SMTT	San Miguel Creek at Tilden, Texas	0	0
ARWT	Atascosa River at Whitsett, Texas	0	2
CCR	Release from Choke Canyon Reservoir	58	1,036
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	262	4,922
NCAT	Nueces River at Calallen, Texas	7	274
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	1,303	1,746

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			1,200
	Reservoir Inflow	1,746			
Estuary Inflows (NCAT + RBP)					274
Passthru Surplus / -Deficit					-426

Report Generated

8/19/2022

at

8:09:02 AM