

Daily Reservoir and Pass-Thru Status Report

September 3, 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%
09/03/2022	198.0	228,164	34.4%	91.0	199,764	77.9%	427,928	46.6%	39.9	125,280	77.8%
09/02/2022	198.0	228,164	34.4%	90.9	197,976	77.2%	426,140	46.4%	39.8	124,467	77.3%
08/03/2022	198.0	228,164	34.4%	85.6	115,055	44.9%	343,219	37.3%	39.4	121,245	75.3%
09/03/2021	204.1	320,653	48.4%	92.7	231,167	90.2%	551,820	60.0%	43.7	158,306	98.3%

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			
			August	YTD	Remaining	August	YTD	Remaining	
09/02/2022	136	272	3,192	20,937	10,503	0	4,500	7,500	

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
09/02/2022	0	0	5,810	665	1,391	09/03/2022	7:15 AM	7.55

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	09/02/2022	MTD	YTD	09/02/2022	MTD	YTD	09/02/2022	MTD	YTD
Air Temp	91			90					
Evaporation	197	480	65,294	230	583	56,523	427	1,063	121,817
Rainfall	0.00	0	9.32	0.00	0	10.71			

Stream Flows			
Gauging Station		09/02/2022	MTD
NTRI	Nueces River at Three Rivers, Texas	1,100	1,918
NRTI	Nueces River at Tilden, Texas	701	861
FRTI	Frio River at Tilden, Texas	113	186
SMIT	San Miguel Creek at Tilden, Texas	41	376
ARWT	Atascosa River at Whitsett, Texas	290	1,229
CCR	Release from Choke Canyon Reservoir	58	115
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	262	524
NCAT	Nueces River at Calallen, Texas	54	150
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRIT+SMIT)-Release from Choke Canyon	1,196	2,365

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	11,500			11,500
	Salinity Relief Credit	0			
Credit / -Deficit From Previous Month			Date Deficit Satisfied		-649
Return Flow Credit			Effective		0
Required Passthru	Monthly Target	11,500			2,365
	Reservoir Inflow	2,365			
Estuary Inflows (NCAT + RBP)					150
Passthru Surplus / -Deficit					-2,864