

Daily Reservoir and Pass-Thru Status Report

September 16, 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%
09/16/2022	198.1	229,517	34.6%	92.2	221,752	86.5%	451,269	49.1%	39.8	124,467	77.3%
09/15/2022	198.1	229,517	34.6%	92.1	219,887	85.8%	449,404	48.9%	39.8	124,467	77.3%
08/16/2022	197.9	226,815	34.2%	85.4	112,393	43.8%	339,208	36.9%	39.0	118,078	73.3%
09/16/2021	203.7	314,054	47.4%	92.3	223,623	87.2%	537,677	58.5%	43.3	154,639	96.0%

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	
09/15/2022	65	1,570	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
09/15/2022	68	450	6,260	310	7,825	09/16/2022	7:15 AM	6.93

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	09/15/2022	MTD	YTD	09/15/2022	MTD	YTD	09/15/2022	MTD	YTD
Air Temp	89			89					
Evaporation	213	2,744	67,558	250	3,327	59,267	463	6,071	126,825
Rainfall	0.00	2.91	12.23	0.07	4.11	14.82			

Stream Flows			
Gauging Station		09/15/2022	MTD
NTRI	Nueces River at Three Rivers, Texas	3,633	36,214
NRTI	Nueces River at Tilden, Texas	2,700	35,875
FRTT	Frio River at Tilden, Texas	4	906
SMTT	San Miguel Creek at Tilden, Texas	0	1,373
ARWT	Atascosa River at Whitsett, Texas	5	2,500
CCR	Release from Choke Canyon Reservoir	58	863
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	715	7,807
NCAT	Nueces River at Calallen, Texas	189	1,970
RBP	Rincon Bayou Pipeline	201	1,715
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	3,579	37,630

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	11,500			11,500
	Salinity Relief Credit	0	Effective		
Credit / -Deficit From Previous Month			Date Deficit Satisfied	09/07/2022	-649
Return Flow Credit			Effective		500
Required Passthru	Monthly Target	11,500			11,500
	Reservoir Inflow	37,630			
Estuary Inflows (NCAT + RBP)					3,685
Passthru Surplus / -Deficit					-7,964