

Daily Reservoir and Pass-Thru Status Report

September 13, 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%
09/13/2022	198.2	230,875	34.8%	91.7	212,485	82.9%	443,360	48.2%	40.0	126,098	78.3%
09/12/2022	198.2	230,875	34.8%	91.6	210,649	82.2%	441,524	48.0%	40.0	126,098	78.3%
08/13/2022	197.8	225,471	34.0%	85.3	111,076	43.3%	336,547	36.6%	39.1	118,865	73.8%
09/13/2021	203.8	315,698	47.6%	92.3	223,623	87.2%	539,321	58.7%	43.4	155,551	96.6%

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	
09/12/2022	67	1,373	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
09/12/2022	68	247	6,057	284	7,031	09/13/2022	7:15 AM	6.97

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	09/12/2022	MTD	YTD	09/12/2022	MTD	YTD	09/12/2022	MTD	YTD
Air Temp	90			90					
Evaporation	277	2,121	66,935	300	2,536	58,476	577	4,657	125,411
Rainfall	0.00	2.91	12.23	0.00	4.04	14.75			

Stream Flows			
Gauging Station		09/12/2022	MTD
NTRI	Nueces River at Three Rivers, Texas	4,307	23,332
NRTI	Nueces River at Tilden, Texas	4,724	25,970
FRTI	Frio River at Tilden, Texas	11	890
SMTI	San Miguel Creek at Tilden, Texas	0	1,373
ARWT	Atascosa River at Whitsett, Texas	11	2,479
CCR	Release from Choke Canyon Reservoir	58	691
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	705	5,673
NCAT	Nueces River at Calallen, Texas	177	1,412
RBP	Rincon Bayou Pipeline	199	1,113
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	4,261	24,903

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	24,903			
Estuary Inflows (NCAT + RBP)					2,525
Passthru Surplus / -Deficit					-9,124