

Daily Reservoir and Pass-Thru Status Report

September 10, 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%
09/10/2022	198.2	230,875	34.8%	91.4	206,995	80.8%	437,870	47.6%	40.1	126,918	78.8%
09/09/2022	198.3	232,238	35.0%	91.4	206,995	80.8%	439,233	47.8%	40.1	126,918	78.8%
08/10/2022	197.8	225,471	34.0%	85.4	112,393	43.8%	337,864	36.8%	39.1	118,865	73.8%
09/10/2021	203.9	317,346	47.9%	92.4	225,500	88.0%	542,846	59.1%	43.5	156,467	97.1%

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	
09/09/2022	92	1,170	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
09/09/2022	44	44	5,854	333	6,191	09/10/2022	7:15 AM	7.09

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	09/09/2022	MTD	YTD	09/09/2022	MTD	YTD	09/09/2022	MTD	YTD
Air Temp	90			91					
Evaporation	198	1,448	66,262	255	1,682	57,622	453	3,130	123,884
Rainfall	0.00	2.91	12.23	0.00	4.04	14.75			

Stream Flows			
Gauging Station		09/09/2022	MTD
NTRI	Nueces River at Three Rivers, Texas	1,957	13,407
NRTI	Nueces River at Tilden, Texas	3,037	9,990
FRTI	Frio River at Tilden, Texas	32	843
SMIT	San Miguel Creek at Tilden, Texas	6	1,370
ARWT	Atascosa River at Whitsett, Texas	29	2,432
CCR	Release from Choke Canyon Reservoir	58	518
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	697	3,569
NCAT	Nueces River at Calallen, Texas	119	881
RBP	Rincon Bayou Pipeline	195	515
Reservoir InFlow			
Computed as:	(NTRI+FRIT+SMIT)-Release from Choke Canyon	1,937	15,102

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target	Monthly Target	11,500			11,500
Passthru	Salinity Relief Credit	0	Effective		
Credit / -Deficit From Previous Month			Date Deficit Satisfied	09/07/2022	-649
Return Flow Credit			Effective		500
Required	Monthly Target	11,500			
Passthru	Reservoir Inflow	15,102			11,500
Estuary Inflows (NCAT + RBP)					1,397
Passthru Surplus / -Deficit					-10,252