

Daily Reservoir and Pass-Thru Status Report

September 6, 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%
09/06/2022	198.2	230,875	34.8%	91.3	205,177	80.0%	436,052	47.4%	40.1	126,918	78.8%
09/05/2022	198.2	230,875	34.8%	91.1	201,561	78.6%	432,436	47.0%	40.1	126,918	78.8%
08/06/2022	197.9	226,815	34.2%	85.5	113,719	44.4%	340,534	37.0%	39.3	120,448	74.8%
09/06/2021	204.0	318,997	48.1%	92.6	229,272	89.4%	548,269	59.6%	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	
09/05/2022	135	679	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
09/05/2022	0	0	5,810	856	3,627	09/06/2022	7:15 AM	7.74

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	09/05/2022	MTD	YTD	09/05/2022	MTD	YTD	09/05/2022	MTD	YTD
Air Temp	82			79					
Evaporation	119	718	65,532	63	897	56,837	182	1,615	122,369
Rainfall	0.00	1.37	10.69	0.08	1.82	12.53			

Stream Flows			
Gauging Station		09/05/2022	MTD
NTRI	Nueces River at Three Rivers, Texas	2,402	7,190
NRTI	Nueces River at Tilden, Texas	649	3,096
FRTI	Frio River at Tilden, Texas	7	224
SMTI	San Miguel Creek at Tilden, Texas	108	1,305
ARWT	Atascosa River at Whitsett, Texas	578	2,132
CCR	Release from Choke Canyon Reservoir	58	288
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	264	1,316
NCAT	Nueces River at Calallen, Texas	162	474
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	2,459	8,430

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			8,430
	Reservoir Inflow	8,430			
Estuary Inflows (NCAT + RBP)					474
Passthru Surplus / -Deficit					-8,605