

Daily Reservoir and Pass-Thru Status Report

April 20, 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%
04/20/2022	200.6	265,171	40.0%	89.3	170,521	66.5%	435,692	47.4%	43.1	152,823	94.9%
04/19/2022	200.7	266,676	40.2%	89.3	170,521	66.5%	437,197	47.6%	43.2	153,730	95.4%
03/20/2022	201.1	272,748	41.1%	90.1	183,978	71.8%	456,726	49.7%	43.3	154,639	96.0%
04/20/2021	197.1	216,196	32.6%	85.3	111,076	43.3%	327,272	35.6%	42.5	147,442	91.5%

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			
			March	YTD	Remaining	March	YTD	Remaining	
04/19/2022	60	2,272	2,451	6,119	25,321	1,154	4,500	7,500	

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
04/19/2022	67	114	701	1,211	15,612	04/20/2022	7:15 AM	8.35

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	04/19/2022	MTD	YTD	04/19/2022	MTD	YTD	04/19/2022	MTD	YTD
Air Temp	73			85					
Evaporation	70	5,264	20,228	240	4,906	18,967	310	10,170	39,195
Rainfall	0.12	0.63	2.08	0.04	0.07	1.93			

Stream Flows			
Gauging Station		04/19/2022	MTD
NTRI	Nueces River at Three Rivers, Texas	57	1,124
NRTI	Nueces River at Tilden, Texas	0	0
FRTI	Frio River at Tilden, Texas	0	4
SMTI	San Miguel Creek at Tilden, Texas	0	0
ARWT	Atascosa River at Whitsett, Texas	3	56
CCR	Release from Choke Canyon Reservoir	58	1,094
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	210	4,119
NCAT	Nueces River at Calallen, Texas	0	14
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	NRTT+FRTT+SMTT+ARWT	4	38

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	3,500			3,500
	Salinity Relief Credit	0	Effective		
Credit / -Deficit From Previous Month			Date Deficit Satisfied	04/01/2022	0
Return Flow Credit			Effective		500
Required Passthru	Monthly Target	3,500			38
	Reservoir Inflow	38			
Estuary Inflows (NCAT + RBP)					14
Passthru Surplus / -Deficit					0