

Daily Reservoir and Pass-Thru Status Report

April 7, 2023

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%
04/07/2023	196.0	202,086	30.5%	89.2	168,877	65.9%	370,963	40.4%	43.1	152,823	94.9%
04/06/2023	195.6	197,097	29.7%	89.2	168,877	65.9%	365,974	39.8%	43.1	152,823	94.9%
03/07/2023	195.9	200,832	30.3%	89.6	175,504	68.5%	376,336	40.9%	43.6	157,385	97.7%
04/07/2022	200.9	269,701	40.7%	89.7	177,182	69.1%	446,883	48.6%	43.6	157,385	97.7%

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	
04/06/2023	62	366	1,384	3,752	27,688	1,050	4,500	7,500	

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
04/06/2023	68	406	4,030	856	5,074	04/07/2023	7:15 AM	7.69

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	04/06/2023	MTD	YTD	04/06/2023	MTD	YTD	04/06/2023	MTD	YTD
Air Temp	54			57					
Evaporation	7	967	12,168	10	1,125	17,026	17	2,092	29,194
Rainfall	1.27	2.1	4.04	0.32	0.63	1.93			

Stream Flows			
Gauging Station		04/06/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	157	475
NRTT	Nueces River at Tilden, Texas	7	7
FRTT	Frio River at Tilden, Texas	1,036	1,036
SMTT	San Miguel Creek at Tilden, Texas	140	140
ARWT	Atascosa River at Whitsett, Texas	987	1,020
CCR	Release from Choke Canyon Reservoir	58	345
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	159	1,068
NCAT	Nueces River at Calallen, Texas	7	7
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	1,276	1,323

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	3,040			3,040
	Salinity Relief Credit	0	Effective		
Credit / -Deficit From Previous Month			Date Deficit Satisfied	04/01/2023	14
Return Flow Credit			Effective		500
Required Passthru	Monthly Target	3,040			1,323
	Reservoir Inflow	1,323			
Estuary Inflows (NCAT + RBP)					7
Passthru Surplus / -Deficit					-802