

Daily Reservoir and Pass-Thru Status Report

April 1, 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%
04/01/2022	201.0	271,222	40.9%	89.8	178,868	69.8%	450,090	49.0%	43.9	160,156	99.4%
03/31/2022	201.0	271,222	40.9%	89.9	180,563	70.4%	451,785	49.2%	43.9	160,156	99.4%
03/01/2022	201.4	277,357	41.8%	90.4	189,164	73.8%	466,521	50.8%	43.9	160,156	99.4%
04/01/2021	197.4	220,142	33.2%	85.8	117,754	45.9%	337,896	36.8%	42.9	151,018	93.8%

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	
03/31/2022	124	3,605	0	3,668	27,772	0	3,346	8,654	

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
03/31/2022	0	156	743	1,312	52,847	04/01/2022	7:15 AM	8.58

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	03/31/2022	MTD	YTD	03/31/2022	MTD	YTD	03/31/2022	MTD	YTD
Air Temp	84			85					
Evaporation	328	7,398	14,964	227	6,314	14,061	555	13,712	29,025
Rainfall	0.00	0.71	1.45	0.00	0.34	1.86			

Stream Flows			
Gauging Station		03/31/2022	MTD
NTRI	Nueces River at Three Rivers, Texas	60	2,012
NRTI	Nueces River at Tilden, Texas	0	0
FRTI	Frio River at Tilden, Texas	0	5
SMTT	San Miguel Creek at Tilden, Texas	0	0
ARWT	Atascosa River at Whitsett, Texas	2	128
CCR	Release from Choke Canyon Reservoir	58	1,785
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	228	6,059
NCAT	Nueces River at Calallen, Texas	0	16
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	3	233

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	03/01/2022	0
Return Flow Credit			Effective		500
Required Passthru	Monthly Target	3,500			233
	Reservoir Inflow	233			
Estuary Inflows (NCAT + RBP)					16
Passthru Surplus / -Deficit					0