

Daily Reservoir and Pass-Thru Status Report

March 22, 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%
03/22/2022	201.1	272,748	41.1%	90.1	183,978	71.8%	456,726	49.7%	43.3	154,639	96.0%
03/21/2022	201.1	272,748	41.1%	89.9	180,563	70.4%	453,311	49.3%	43.3	154,639	96.0%
02/22/2022	201.5	278,904	42.1%	90.5	190,909	74.5%	469,813	51.1%	44.0	161,085	100.0%
03/22/2021	197.6	222,797	33.6%	85.9	119,118	46.5%	341,915	37.2%	43.1	152,823	94.9%

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			
			February	YTD	Remaining	February	YTD	Remaining	
03/21/2022	81	2,477	0	3,668	27,772	3,346	3,346	8,654	

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
03/21/2022	44	44	476	1,058	27,407	03/22/2022	7:15 AM	8.24

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	03/21/2022	MTD	YTD	03/21/2022	MTD	YTD	03/21/2022	MTD	YTD
Air Temp	81			88					
Evaporation	267	4,227	11,793	240	3,808	11,555	507	8,035	23,348
Rainfall	0.55	0.71	1.45	0.25	0.34	1.86			

Stream Flows			
Gauging Station		03/21/2022	MTD
NTRI	Nueces River at Three Rivers, Texas	65	1,386
NRTI	Nueces River at Tilden, Texas	0	0
FRTI	Frio River at Tilden, Texas	0	4
SMTT	San Miguel Creek at Tilden, Texas	0	0
ARWT	Atascosa River at Whitsett, Texas	4	89
CCR	Release from Choke Canyon Reservoir	58	1,209
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	169	3,976
NCAT	Nueces River at Calallen, Texas	0	15
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	7	181

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	3,500			3,500
	Salinity Relief Credit	0			
Credit / -Deficit From Previous Month			Date Deficit Satisfied	03/01/2022	0
Return Flow Credit			Effective		500
Required Passthru	Monthly Target	3,500			181
	Reservoir Inflow	181			
Estuary Inflows (NCAT + RBP)					15
Passthru Surplus / -Deficit					0