

Daily Reservoir and Pass-Thru Status Report

May 24, 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%
05/24/2022	200.0	256,259	38.7%	88.4	156,028	60.9%	412,287	44.9%	41.9	142,163	88.3%
05/23/2022	200.1	257,729	38.9%	88.5	157,605	61.5%	415,334	45.2%	42.0	143,036	88.8%
04/24/2022	200.6	265,171	40.0%	89.1	167,241	65.2%	432,412	47.0%	43.0	151,919	94.3%
05/24/2021	201.7	282,012	42.5%	88.4	156,028	60.9%	438,040	47.7%	44.0	161,085	100.0%

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			
			April	YTD	Remaining	April	YTD	Remaining	
05/23/2022	65	2,082	3,639	9,758	21,682	0	4,500	7,500	

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
05/23/2022	67	915	1,656	1,066	19,235	05/24/2022	7:15 AM	7.92

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	05/23/2022	MTD	YTD	05/23/2022	MTD	YTD	05/23/2022	MTD	YTD
Air Temp	87			87					
Evaporation	231	7,702	30,289	257	6,263	27,501	488	13,965	57,790
Rainfall	0.00	0.22	2.96	0.13	0.93	3.01			

Stream Flows			
Gauging Station		05/23/2022	MTD
NTRI	Nueces River at Three Rivers, Texas	56	1,297
NRTI	Nueces River at Tilden, Texas	0	0
FRTI	Frio River at Tilden, Texas	0	12
SMTI	San Miguel Creek at Tilden, Texas	0	1
ARWT	Atascosa River at Whitsett, Texas	1	70
CCR	Release from Choke Canyon Reservoir	58	1,324
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	206	5,351
NCAT	Nueces River at Calallen, Texas	20	66
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	NRTT+FRTT+SMTT+ARWT	2	60

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	23,500			23,500
	Salinity Relief Credit	0	Effective		
Credit / -Deficit From Previous Month			Date Deficit Satisfied	05/01/2022	0
Return Flow Credit			Effective		500
Required Passthru	Monthly Target	23,500			60
	Reservoir Inflow	60			
Estuary Inflows (NCAT + RBP)					66
Passthru Surplus / -Deficit					0