

Daily Reservoir and Pass-Thru Status Report

May 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%
05/20/2022	200.1	257,729	38.9%	88.4	156,028	60.9%	413,757	45.0%	42.0	143,036	88.8%
05/19/2022	200.1	257,729	38.9%	88.4	156,028	60.9%	413,757	45.0%	42.0	143,036	88.8%
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%
05/20/2021	200.3	260,689	39.3%	87.4	140,670	54.9%	401,359	43.7%	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
05/19/2022	101	1,813	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
05/19/2022	30	669	1,410	838	15,826	05/20/2022	7:15 AM	7.84

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	05/19/2022	MTD	YTD	05/19/2022	MTD	YTD	05/19/2022	MTD	YTD
Air Temp	95			92					
Evaporation	378	6,512	29,099	321	5,417	26,655	699	11,929	55,754
Rainfall	0.00	0.07	2.81	0.00	0	2.08			

Stream Flows			
Gauging Station		05/19/2022	MTD
NTRI	Nueces River at Three Rivers, Texas	55	1,075
NRTI	Nueces River at Tilden, Texas	0	0
FRTI	Frio River at Tilden, Texas	0	10
SMTI	San Miguel Creek at Tilden, Texas	0	1
ARWT	Atascosa River at Whitsett, Texas	1	67
CCR	Release from Choke Canyon Reservoir	58	1,094
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	258	4,428
NCAT	Nueces River at Calallen, Texas	0	19
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	NRTT+FRTT+SMTT+ARWT	1	55

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			55
	Reservoir Inflow	55			
Estuary Inflows (NCAT + RBP)					19
Passthru Surplus / -Deficit					0

Report Generated

5/20/2022

at

8:20:53 AM