

Daily Reservoir and Pass-Thru Status Report

May 23, 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%
05/23/2023	197.0	214,890	32.4%	91.6	210,649	82.2%	425,539	46.3%	44.0	161,085	100.0%
05/22/2023	197.0	214,890	32.4%	91.4	206,995	80.8%	421,885	45.9%	43.9	160,156	99.4%
04/23/2023	196.2	204,609	30.9%	90.1	183,978	71.8%	388,587	42.3%	44.0	161,085	100.0%
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%

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	
05/22/2023	133	2,929	2,986	6,737	24,703	0	4,500	7,500	

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
05/22/2023	0	0	4,597	3,216	234,359	05/23/2023	7:15 AM	11.09

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	05/22/2023	MTD	YTD	05/22/2023	MTD	YTD	05/22/2023	MTD	YTD
Air Temp	86			86					
Evaporation	228	4,187	20,346	406	5,183	27,784	634	9,370	48,130
Rainfall	0.00	5.28	12.8	0.00	1.51	8.27			

Stream Flows			
Gauging Station		05/22/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	4,069	37,034
NRTI	Nueces River at Tilden, Texas	18	1,485
FRTT	Frio River at Tilden, Texas	236	1,366
SMTT	San Miguel Creek at Tilden, Texas	0	58
ARWT	Atascosa River at Whitsett, Texas	4,049	27,500
CCR	Release from Choke Canyon Reservoir	58	1,155
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	703	8,600
NCAT	Nueces River at Calallen, Texas	240	3,631
RBP	Rincon Bayou Pipeline	203	1,551
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	4,248	37,302

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	05/06/2023	-455
Return Flow Credit			Effective	05/06/2023	500
Required Passthru	Monthly Target	23,500			23,500
	Reservoir Inflow	37,302			
Estuary Inflows (NCAT + RBP)					5,183
Passthru Surplus / -Deficit					-18,272

Report Generated

5/23/2023

at

10:22:18 AM