

Daily Reservoir and Pass-Thru Status Report

February 21, 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%
02/21/2023	196.2	203,345	30.7%	90.3	180,563	70.4%	383,908	41.8%	44.0	160,156	99.4%
02/20/2023	196.2	203,345	30.7%	90.3	180,563	70.4%	383,908	41.8%	44.0	160,156	99.4%
01/21/2023	196.4	207,152	31.3%	90.3	187,427	73.1%	394,579	42.9%	42.2	144,790	89.9%
02/21/2022	201.5	278,904	42.1%	90.5	190,909	74.5%	469,813	51.1%	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		
			January	YTD	Remaining	January	YTD	Remaining
02/20/2023	64	1,676	2,367	2,367	29,073	739	739	11,261

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
02/20/2023	68	986	2,000	1,272	50,421	02/21/2023	7:15 AM	8.20

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	02/20/2023	MTD	YTD	02/20/2023	MTD	YTD	02/20/2023	MTD	YTD
Air Temp	84			87					
Evaporation	110	2,161	5,123	139	3,065	7,640	249	5,226	12,763
Rainfall	0.00	0.29	0.79	0.00	0.14	0.52			

Stream Flows			
Gauging Station		02/20/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	55	1,300
NRTI	Nueces River at Tilden, Texas	0	34
FRTI	Frio River at Tilden, Texas	0	3
SMTI	San Miguel Creek at Tilden, Texas	0	0
ARWT	Atascosa River at Whitsett, Texas	2	152
CCR	Release from Choke Canyon Reservoir	58	1,151
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	167	3,264
NCAT	Nueces River at Calallen, Texas	0	33
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	NRTT+FRTT+SMTT+ARWT	3	365

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	2,500			2,500
	Salinity Relief Credit	0	Effective		
Credit / -Deficit From Previous Month			Date Deficit Satisfied	02/01/2023	14
Return Flow Credit			Effective		500
Required Passthru	Monthly Target	2,500			365
	Reservoir Inflow	365			
Estuary Inflows (NCAT + RBP)					33
Passthru Surplus / -Deficit					0

Report Generated

2/21/2023

at

9:31:40 AM