

Daily Reservoir and Pass-Thru Status Report

August 20, 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%
08/20/2023	194.7	186,162	28.1%	87.9	148,255	57.8%	334,417	36.4%	40.3	128,570	79.8%
08/19/2023	194.8	187,358	28.3%	87.9	148,255	57.8%	335,613	36.5%	40.4	129,400	80.3%
07/20/2023	195.8	199,582	30.1%	89.2	168,877	65.9%	368,459	40.1%	41.8	141,293	87.7%
08/20/2022	198.1	229,517	34.6%	85.4	112,393	43.8%	341,910	37.2%	38.9	117,295	72.8%

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			
			July	YTD	Remaining	July	YTD	Remaining	
08/19/2023	137	2,457	0	10,118	21,322	0	9,000	3,000	

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
08/19/2023	0	153	5,162	353	4,935	08/20/2023	7:15 AM	7.22

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	08/19/2023	MTD	YTD	08/19/2023	MTD	YTD	08/19/2023	MTD	YTD
Air Temp	102			100					
Evaporation	410	7,833	51,354	394	8,286	63,805	804	16,119	115,159
Rainfall	0.00	0	15.23	0.00	0	9.66			

Stream Flows			
Gauging Station		08/19/2023	MTD
NTRI	Nueces River at Three Rivers, Texas	55	1,018
NRTI	Nueces River at Tilden, Texas	0	0
FRTI	Frio River at Tilden, Texas	0	0
SMTI	San Miguel Creek at Tilden, Texas	0	0
ARWT	Atascosa River at Whitsett, Texas	1	28
CCR	Release from Choke Canyon Reservoir	58	1,094
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	278	5,159
NCAT	Nueces River at Calallen, Texas	0	6
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	NRTT+FRTT+SMTT+ARWT	1	28

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	1,200			1,200
	Salinity Relief Credit	0	Effective		
Credit / -Deficit From Previous Month			Date Deficit Satisfied	08/01/2023	514
Return Flow Credit			Effective	08/01/2023	500
Required Passthru	Monthly Target	1,200			28
	Reservoir Inflow	28			
Estuary Inflows (NCAT + RBP)					6
Passthru Surplus / -Deficit					0

Report Generated

8/20/2023

at

9:52:09 AM