

Daily Reservoir and Pass-Thru Status Report

September 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%
09/20/2022	198.0	228,164	34.4%	92.5	227,383	88.7%	455,547	49.6%	39.8	124,467	77.3%
09/19/2022	198.0	228,164	34.4%	92.4	225,500	88.0%	453,664	49.4%	39.8	124,467	77.3%
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%
09/20/2021	203.6	312,414	47.1%	92.2	221,752	86.5%	534,166	58.1%	43.2	153,730	95.4%

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			
			August	YTD	Remaining	August	YTD	Remaining	
09/19/2022	66	1,832	3,192	20,937	10,503	0	4,500	7,500	

COLORADO RIVER WATER SUPPLY (CRWT)								
Date	Daily Intake	MTD	YTD	Daily Flow	MTD Flow	Date	Time	Gage Height
09/19/2022	68	720	6,530	361	9,153	09/20/2022	7:15 AM	6.98

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	09/19/2022	MTD	YTD	09/19/2022	MTD	YTD	09/19/2022	MTD	YTD
Air Temp	91			92					
Evaporation	189	3,540	68,354	297	4,335	60,275	486	7,875	128,629
Rainfall	0.00	2.91	12.23	0.00	4.14	14.85			

Stream Flows			
Gauging Station		09/19/2022	MTD
NTRI	Nueces River at Three Rivers, Texas	2,223	46,993
NRTI	Nueces River at Tilden, Texas	407	42,511
FRTI	Frio River at Tilden, Texas	1	915
SMTI	San Miguel Creek at Tilden, Texas	0	1,373
ARWT	Atascosa River at Whitsett, Texas	1	2,510
CCR	Release from Choke Canyon Reservoir	58	1,094
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	717	10,673
NCAT	Nueces River at Calallen, Texas	214	2,843
RBP	Rincon Bayou Pipeline	202	2,521
Reservoir InFlow			
Computed as:	(NTRT+FRTT+SMTT)-Release from Choke Canyon	2,167	48,187

ESTUARY INFLOWS AND PASSTHRU REQUIREMENTS					
Target Passthru	Monthly Target	11,500			11,500
	Salinity Relief Credit	0	Effective		
Credit / -Deficit From Previous Month			Date Deficit Satisfied	09/07/2022	-649
Return Flow Credit			Effective		500
Required Passthru	Monthly Target	11,500			11,500
	Reservoir Inflow	48,187			
Estuary Inflows (NCAT + RBP)					5,364
Passthru Surplus / -Deficit					-6,285

Report Generated

9/20/2022

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7:51:51 AM