

Daily Reservoir and Pass-Thru Status Report

May 16, 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%
05/16/2022	200.2	259,206	39.1%	88.6	159,190	62.1%	418,396	45.5%	42.2	144,790	89.9%
05/15/2022	200.3	260,689	39.3%	88.6	159,190	62.1%	419,879	45.7%	42.2	144,790	89.9%
04/16/2022	200.7	266,676	40.2%	89.4	172,173	67.2%	438,849	47.7%	43.3	154,639	96.0%
05/16/2021	198.2	230,875	34.8%	85.8	117,754	45.9%	348,629	37.9%	43.9	160,156	99.4%

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			
			April	YTD	Remaining	April	YTD	Remaining	
05/15/2022	63	1,522	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
05/15/2022	68	436	1,177	463	12,857	05/16/2022	7:15 AM	7.34

WEATHER RELATED INFORMATION									
	Choke Canyon Reservoir			Lake Corpus Christi			CCR/LCC Combined		
	05/15/2022	MTD	YTD	05/15/2022	MTD	YTD	05/15/2022	MTD	YTD
Air Temp	96			94					
Evaporation	379	4,877	27,464	370	4,085	25,323	749	8,962	52,787
Rainfall	0.00	0.07	2.81	0.00	0	2.08			

Stream Flows			
Gauging Station		05/15/2022	MTD
NTRI	Nueces River at Three Rivers, Texas	54	860
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	64
CCR	Release from Choke Canyon Reservoir	58	863
NRMT	Nueces River at Mathis, Texas (La Fruta Bridge)	266	3,414
NCAT	Nueces River at Calallen, Texas	0	19
RBP	Rincon Bayou Pipeline	0	0
Reservoir InFlow			
Computed as:	NRTT+FRTT+SMTT+ARWT	1	52

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			52
	Reservoir Inflow	52			
Estuary Inflows (NCAT + RBP)					19
Passthru Surplus / -Deficit					0

Report Generated

5/16/2022

at

9:37:11 AM