

Daily Reservoir and Pass-Thru Status Report

May 17, 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% |
| 05/17/2023 | 196.5 | 208,430 | 31.4% | 91.0 | 199,764 | 77.9% | 408,194 | 44.4% | 44.0 | 161,085 | 100.0% |
| 05/16/2023 | 196.5 | 208,430 | 31.4% | 90.9 | 197,976 | 77.2% | 406,406 | 44.2% | 44.0 | 161,085 | 100.0% |
| 04/17/2023 | 196.3 | 205,878 | 31.1% | 90.2 | 185,698 | 72.4% | 391,576 | 42.6% | 44.0 | 161,085 | 100.0% |
| 05/17/2022 | 200.2 | 259,206 | 39.1% | 88.5 | 157,605 | 61.5% | 416,811 | 45.3% | 42.1 | 143,911 | 89.3% |

| 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 | |
| 05/16/2023 | 133 | 2,131 | 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 |
| 05/16/2023 | 0 | 0 | 4,597 | 36,127 | 176,298 | 05/17/2023 | 7:15 AM | 28.06 |

| WEATHER RELATED INFORMATION | | | | | | | | | |
|-----------------------------|------------------------|-------|--------|---------------------|-------|--------|------------------|-------|--------|
| | Choke Canyon Reservoir | | | Lake Corpus Christi | | | CCR/LCC Combined | | |
| | 05/16/2023 | MTD | YTD | 05/16/2023 | MTD | YTD | 05/16/2023 | MTD | YTD |
| Air Temp | 84 | | | 75 | | | | | |
| Evaporation | 216 | 2,929 | 19,088 | 157 | 3,571 | 26,172 | 373 | 6,500 | 45,260 |
| Rainfall | 0.07 | 3.57 | 11.09 | 0.07 | 1.46 | 8.22 | | | |

| Stream Flows | | | |
|----------------------|---|------------|--------|
| Gauging Station | | 05/16/2023 | MTD |
| NTRI | Nueces River at Three Rivers, Texas | 2,759 | 19,750 |
| NRTI | Nueces River at Tilden, Texas | 33 | 1,437 |
| FRTT | Frio River at Tilden, Texas | 16 | 881 |
| SMTT | San Miguel Creek at Tilden, Texas | 50 | 56 |
| ARWT | Atascosa River at Whitsett, Texas | 2,680 | 12,782 |
| CCR | Release from Choke Canyon Reservoir | 58 | 921 |
| NRMT | Nueces River at Mathis, Texas (La Fruta Bridge) | 601 | 4,658 |
| NCAT | Nueces River at Calallen, Texas | 148 | 1,926 |
| RBP | Rincon Bayou Pipeline | 207 | 325 |
| Reservoir InFlow | | | |
| Computed as: | (NTRT+FRTT+SMTT)-Release from Choke Canyon | 2,767 | 19,766 |

| 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 | | | 19,766 |
| | Reservoir Inflow | 19,766 | | | |
| Estuary Inflows (NCAT + RBP) | | | | | 2,251 |
| Passthru Surplus / -Deficit | | | | | -17,469 |

Report Generated

5/17/2023

at

9:25:05 AM