

Wichita Falls Supply and Demand In Acre-Feet Per Year (AFY)

The City of Wichita Falls is claiming the water needs of its service area will be 32,305 acre-feet per year (AFY) in 2070. To obtain this number, the City began by projecting a 2020 water use for its service area of 31,329 AFY.

Actual water use in 2020, however, was only 14,976 AFY. And the largest amount used in any recent year was 19,982 AFY (2018). Thus, the City’s projections of future use are inflated by more than 50%. Even using the City’s inflated projections, its current water supply, detailed below, is more than sufficient to meet future needs.

WF’s Projection of Water Use for 2020	31,329¹
WF’s Actual Water Use in 2020	14,976²
Largest Water Use by WF in Past Ten Years (2018)	19,982²

2021 Region B Water Plan, Table 1-16, P. 1-32

²TWDB website: <https://www.twdb.texas.gov/waterplanning/waterusesurvey/dashboard/index.asp>

Current Actual Water Supply for Wichita Falls

Firm Yield Lake Arrowhead ¹	20,764
Firm Yield Lake Kickapoo ¹	11,006
Indirect Potable Reuse (IPR) ²	8,968
Current use from Lake Kemp ³	2,948
Currently Developed Supply	43,686
Additional Water Rights from Lake Kemp ⁴	18,863
Total Water Supply	62,549

¹2021 Region B Water Plan, Table 1-7, P. 1-7.

²2021 Region B Water Plan, Table 3-10, P. 3-27.

³WF Ex. 3K, P. 31, of the contested case hearing.

⁴Municipal water rights in Lake Kemp of 25,150 AFY, as stated in WF Ex. 3K, P. 31, of the contested case hearing, minus 25% loss in the desalination process.

**For more information, contact
Texoma Stewardship Coalition, deborah@birdwellandclarkranch.com
Texas Conservation Alliance, janice@tcatexas.org, 512-327-4119**