

HISTORICAL WATER DEMAND ANALYSIS FROM YEARS 1998 THROUGH 2020

YEAR	Population	MONTHLY DEMAND													ANNUAL AVG DAY	ANNUAL MAX DAY	PEAKING FACTOR
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL			
1998	71,145	235.7	213.1	236.5	265.9	332.9	403.7	470.2	519.9	462.5	284.1	244.0	245.0	3,913.5	10.7	24.3	2.3
1999	72,978	248.4	215.3	243.1	254.8	285.1	283.1	516.0	660.9	348.3	328.3	273.2	255.0	3,911.5	10.7	25.7	2.4
2000	74,859	255.8	233.6	245.3	280.1	314.3	298.3	426.5	619.9	547.5	339.2	248.4	254.5	4,063.4	11.1	26.1	2.3
2001	76,969	256.6	223.4	244.5	292.8	346.2	405.9	581.6	597.2	402.0	343.6	281.6	260.9	4,236.3	11.6	25.7	2.2
2002	79,139	264.6	233.7	260.0	277.1	310.6	396.2	514.7	508.1	455.1	355.6	263.6	258.6	4,097.9	11.2	24.5	2.2
2003	81,370	257.6	229.5	258.4	295.2	354.2	368.7	569.4	517.4	326.1	302.9	263.5	257.0	3,999.9	11.0	23.2	2.1
2004	83,664	249.8	238.7	258.2	279.0	377.2	355.0	398.2	419.0	459.4	324.2	267.7	263.2	3,889.6	10.6	18.6	1.8
2005	86,022	261.7	227.1	267.2	297.3	382.4	465.5	597.4	498.4	418.1	372.8	319.1	289.6	4,396.6	12.0	25.3	2.1
2006	88,447	322.3	267.6	308.8	376.2	389.8	459.2	582.2	590.4	380.7	351.6	286.4	270.0	4,585.2	12.6	25.3	2.0
2007	90,940	269.4	240.0	276.6	284.7	322.2	316.8	365.1	529.3	333.6	307.7	283.2	256.4	3,785.0	10.4	22.8	2.2
2008	93,504	254.3	231.8	253.8	260.5	326.2	313.2	434.8	453.8	337.2	325.1	265.9	257.7	3,714.3	10.1	22.2	2.2
2009	96,140	253.0	228.8	269.3	262.3	300.8	458.1	521.5	446.2	295.2	272.5	250.3	243.0	3,801.0	10.4	22.0	2.1
2010	98,850	262.6	220.6	245.1	270.9	329.9	395.4	427.0	580.4	368.0	346.3	277.3	248.9	3,972.4	10.9	22.5	2.1
2011	99,930	250.4	239.4	254.1	303.1	328.2	465.9	690.1	555.3	428.9	352.1	270.4	247.4	4,385.3	12.0	26.1	2.2
2012	101,022	253.9	233.1	261.4	299.3	441.8	493.0	722.2	609.9	420.3	341.4	301.4	265.7	4,643.4	12.7	26.9	2.1
2013	102,126	252.5	218.7	248.8	249.5	294.9	386.8	534.3	459.2	491.4	313.9	254.5	273.8	3,978.3	10.9	23.8	2.2
2014	103,242	278.9	252.3	281.0	304.5	423.9	380.6	490.4	460.0	400.5	325.6	266.0	258.8	4,122.5	11.3	19.4	1.7
2015	104,370	273.5	234.9	265.2	274.2	287.8	399.1	422.9	402.0	417.9	397.8	278.4	263.9	3,917.6	10.7	19.5	1.8
2016	105,510	269.6	266.3	273.0	304.5	335.9	476.7	541.3	527.8	427.0	389.9	310.9	289.4	4,412.3	12.1	20.5	1.7
2017	106,663	274.5	248.8	300.2	293.8	340.7	475.4	497.1	428.5	455.8	330.1	293.6	271.0	4,209.5	11.5	19.1	1.7
2018	107,829	281.5	239.2	273.7	282.1	396.7	444.2	505.2	433.8	395.6	314.9	267.7	256.9	4,091.5	11.2	19.3	1.7
2019	109,007	255.1	232.9	258.1	290.1	298.3	335.1	480.6	429.2	399.0	333.4	266.7	262.8	3,841.3	10.5	18.3	1.7
2020	110,198	259.6	239.1	262.1	273.2	311.7	506.8	490.6	451.2	371.6	356.4	279.6	264.6	4,066.5	11.1	20.4	1.8
MIN MON.		235.7	213.1	236.5	249.5	285.1	283.1	365.1	402.0	295.2	272.5	244.0	243.0	3,714.3	10.1	18.3	1.7
AVG MON.		262.7	235.1	262.8	285.7	340.5	403.6	512.1	508.6	406.2	335.2	274.5	261.5	4,088.5	11.2	22.7	2.0
MAX MON.		322.3	267.6	308.8	376.2	441.8	506.8	722.2	660.9	547.5	397.8	319.1	289.6	4,643.4	12.7	26.9	2.4
AVG DAY MIN MON		7.6	7.6	7.6	8.3	9.2	9.4	11.8	13.0	9.8	8.8	8.1	7.8	9.2			
AVG DAY AVG MON		8.5	8.4	8.5	9.5	11.0	13.5	16.5	16.4	13.5	10.8	9.1	8.4	11.4			
AVG DAY MAX MON		10.4	9.6	10.0	12.5	14.3	16.9	23.3	21.3	18.3	12.8	10.6	9.3	14.5			
DIFFERENCE		2.8	1.9	2.3	4.2	5.1	7.5	11.5	8.4	8.4	4.0	2.5	1.5	5.3			
% VAR. ABOVE		22.7%	13.8%	17.5%	31.7%	29.7%	25.6%	41.0%	29.9%	34.8%	18.7%	16.2%	10.8%	13.6%	13.3%	18.6%	18.3%
% VAR. BELOW		10.3%	9.4%	10.0%	12.7%	16.3%	29.9%	28.7%	21.0%	27.3%	18.7%	11.1%	7.1%	9.2%	9.3%	19.3%	18.3%
% TOT VAR.		33.0%	23.2%	27.5%	44.3%	46.0%	55.4%	69.7%	50.9%	62.1%	37.4%	27.4%	17.8%	22.7%	22.7%	37.9%	36.6%

Last Updated: April 1, 2021