

HISTORICAL WATER DEMAND ANALYSIS FROM YEARS 1998 THROUGH 2024 FOR THE SYSTEM

	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
1	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
2	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
3	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
4	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
5	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
6	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
7	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
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
9	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
10	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
11	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
12	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
13	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
14	2011	100,233	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
15	2012	101,636	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
16	2013	103,058	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
17	2014	104,501	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
18	2015	105,963	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
19	2016	107,446	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
20	2017	108,950	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
21	2018	110,474	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
22	2019	112,020	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
23	2020	113,588	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	18.3	1.6
24	2021	115,178	257.3	274.9	276.0	297.4	310.0	397.1	440.7	519.5	520.0	360.0	284.8	279.9	4,217.6	11.6	20.9	1.8
25	2022	116,789	281.7	244.6	270.7	294.5	387.6	486.8	681.7	555.7	497.6	432.4	303.4	300.9	4,737.6	13.0	25.1	1.9
26	2023	118,424	286.5	254.5	272.9	340.9	398.5	461.1	517.0	546.5	465.5	368.0	293.1	278.7	4,483.2	12.3	23.3	1.9
26	2024	120,081	304.8	256.6	287.7	323.5	336.2	474.5	520.0	552.1	473.4	462.5	305.9	289.2	4,586.4	12.6	23.0	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	1.6
AVG MON.			265.6	238.5	264.9	289.9	343.1	411.2	516.2	513.8	418.5	345.6	277.8	265.3	4,150.4	11.4	22.7	2.0
MAX MON.			322.3	274.9	308.8	376.2	441.8	506.8	722.2	660.9	547.5	462.5	319.1	300.9	4,737.6	13.0	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			8.6	8.5	8.5	9.7	11.1	13.7	16.7	16.6	13.9	11.1	9.3	8.6	11.6			
AVG DAY MAX MON			10.4	9.8	10.0	12.5	14.3	16.9	23.3	21.3	18.3	14.9	10.6	9.7	14.8			
DIFFERENCE			2.8	2.2	2.3	4.2	5.1	7.5	11.5	8.4	8.4	6.1	2.5	1.9	5.5			
% VAR. ABOVE			21.3%	15.3%	16.6%	29.8%	28.8%	23.3%	39.9%	28.6%	30.8%	33.8%	14.9%	13.4%	14.1%	14.2%	18.7%	20.1%
% VAR. BELOW			11.3%	10.6%	10.7%	13.9%	16.9%	31.2%	29.3%	21.8%	29.5%	21.2%	12.2%	8.4%	10.5%	10.7%	19.2%	17.5%
% TOT VAR.			32.6%	25.9%	27.3%	43.7%	45.7%	54.4%	69.2%	50.4%	60.3%	55.0%	27.0%	21.8%	24.7%	24.9%	38.0%	37.6%

Last Updated: April 8, 2025

Historical Annual Average Day = 11.4 MGD
Running 10-Year Annual Average Day = 20.7 MGD
Running 5-Year Annual Average Day = 12.1 MGD
Running 3-Year Annual Average Day = 12.6 MGD

Historical Annual Maximum Day Average = 22.7 MGD
Running 10-Year Annual Maximum Day Average = 20.7 MGD
Running 5-Year Annual Maximum Day Average = 22.1 MGD
Running 3-Year Annual Maximum Day Average = 23.8 MGD

Historical Maximum Day = 26.9 MGD
Running 10-Year Maximum Day = 25.1 MGD
Running 5-Year Annual Maximum Day = 25.1 MGD
Running 3-Year Annual Maximum Day = 25.1 MGD