

Crestline Village Water District
Change in Water Production - Cubic Feet
2020 vs 2022

2022-23 Production	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Wells	1,151,925	1,221,976	1,105,093	974,157	882,087	935,451	988,945	1,019,134	1,037,385	1,514,151	1,322,990	1,390,399	13,543,693
CLAWA	988,209	1,210,614	1,638,021	2,205,749	2,150,575	1,875,935	1,494,157	1,019,134	1,148,689	839,172	1,170,815	1,122,767	16,863,837
Total	2,140,134	2,432,590	2,743,114	3,179,906	3,032,662	2,811,386	2,483,102	2,038,268	2,186,074	2,353,323	2,493,805	2,513,166	29,967,987
2022 Cumulative													
Wells	3,270,724	4,492,700	5,597,793	6,571,950	7,454,037	8,389,488	9,378,433	10,397,567	11,434,952	12,949,103	14,272,093	15,662,492	
CLAWA	3,894,157	5,104,771	6,742,792	8,948,541	11,099,116	12,975,051	14,469,208	15,488,342	16,637,031	17,476,203	18,647,018	19,769,785	
Total	8,351,729	10,784,319	13,527,433	16,707,339	19,740,001	22,551,387	25,034,489	27,072,757	29,258,831	31,612,154	34,105,959	36,619,125	
2020 Production													
Wells	1,922,894	1,936,457	2,069,986	1,740,467	1,863,039	1,724,448	1,520,142	1,573,711	1,397,987	1,479,324	1,385,443	1,441,967	20,055,865
CLAWA	152,380	712,554	978,249	1,827,648	1,490,709	1,410,963	1,269,277	709,571	795,000	723,155	579,385	747,260	11,396,151
Total	2,075,274	2,649,011	3,048,235	3,568,115	3,353,748	3,135,411	2,789,419	2,283,282	2,192,987	2,202,479	1,964,828	2,189,227	27,163,277
2020 Cumulative													
Wells	7,157,490	9,093,947	11,163,933	12,904,400	14,767,439	16,491,887	18,012,029	19,585,740	20,983,727	22,463,051	23,848,494	25,290,461	
CLAWA	1,080,709	1,793,263	2,771,512	4,599,160	6,089,869	7,500,832	8,770,109	9,479,680	10,274,680	10,997,835	11,577,220	12,324,480	
Total	8,238,199	10,887,210	13,935,445	17,503,560	20,857,308	23,992,719	26,782,138	29,065,420	31,258,407	33,460,886	35,425,714	37,614,941	
Change in Production													
Wells	(770,969)	(714,481)	(964,893)	(766,310)	(980,952)	(788,997)	(531,197)	(554,577)	(360,602)	34,827	(62,453)	(51,568)	(6,512,172)
CLAWA	835,829	498,060	659,772	378,101	659,866	464,972	224,880	309,563	353,689	116,017	591,430	375,507	5,467,686
Total	64,860	(216,421)	(305,121)	(388,209)	(321,086)	(324,025)	(306,317)	(245,014)	(6,913)	150,844	528,977	323,939	2,804,710
Total (AF)	1.49	(4.97)	(7.00)	(8.91)	(7.37)	(7.44)	(7.03)	(5.62)	(0.16)	3.46	12.14	7.44	64.39
% Change													
Wells	-40.09%	-36.90%	-46.61%	-44.03%	-52.65%	-45.75%	-34.94%	-35.24%	-25.79%	2.35%	-4.51%	-3.58%	
CLAWA	548.52%	69.90%	67.44%	20.69%	44.27%	32.95%	17.72%	43.63%	44.49%	16.04%	102.08%	50.25%	
Total	3.13%	-8.17%	-10.01%	-10.88%	-9.57%	-10.33%	-10.98%	-10.73%	-0.32%	6.85%	26.92%	14.80%	
Cummulative Change													
Wells	(2,699,918)	(3,414,399)	(4,379,292)	(5,145,602)	(6,126,554)	(6,915,551)	(7,446,748)	(8,001,325)	(8,361,927)	(8,327,100)	(8,389,553)	(8,441,121)	
CLAWA	2,813,448	3,311,508	3,971,280	4,349,381	5,009,247	5,474,219	5,699,099	6,008,662	6,362,351	6,478,368	7,069,798	7,445,305	
Total	113,530	(102,891)	(408,012)	(796,221)	(1,117,307)	(1,441,332)	(1,747,649)	(1,992,663)	(1,999,576)	(1,848,732)	(1,319,755)	(995,816)	
Total (AF)	2.61	(2.36)	(9.37)	(18.28)	(25.65)	(33.09)	(40.12)	(45.75)	(45.90)	(42.44)	(30.30)	(22.86)	
% Cummulative Change													
Wells	-37.72%	-37.55%	-39.23%	-39.87%	-41.49%	-41.93%	-41.34%	-40.85%	-39.85%	-37.07%	-35.18%	-33.38%	
CLAWA	260.33%	184.66%	143.29%	94.57%	82.26%	72.98%	64.98%	63.38%	61.92%	58.91%	61.07%	60.41%	
Total	1.38%	-0.95%	-2.93%	-4.55%	-5.36%	-6.01%	-6.53%	-6.86%	-6.40%	-5.53%	-3.73%	-2.65%	

Crestline Village Water District
Change in Customer Water Consumption - Cubic Feet
2020 vs 2022

<u>2022 Consumption</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Total</u>
Cubic Feet	1,959,100	2,145,700	2,500,300	2,780,800	2,776,100	2,477,630	2,234,390	2,033,400	1,827,900	2,009,100	1,788,100	1,835,000	26,367,520
Total	1,959,100	2,145,700	2,500,300	2,780,800	2,776,100	2,477,630	2,234,390	2,033,400	1,827,900	2,009,100	1,788,100	1,835,000	26,390,920
<u>2022 Cummulative</u>													
Cubic Feet	7,626,500	9,772,200	12,272,500	15,053,300	17,829,400	20,307,030	22,541,420	24,574,820	26,402,720	28,411,820	30,199,920	32,034,920	
Total	7,626,500	9,772,200	12,272,500	15,053,300	17,829,400	20,307,030	22,541,420	24,574,820	26,402,720	28,411,820	30,199,920	32,034,920	
<u>2020 Consumption</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	
Cubic Feet	2,059,280	2,535,110	2,803,200	2,959,300	3,110,006	3,234,700	2,842,400	2,290,900	2,166,421	2,086,217	1,966,871	1,841,000	29,895,405
Total	2,059,280	2,535,110	2,803,200	2,959,300	3,110,006	3,234,700	2,842,400	2,290,900	2,166,421	2,086,217	1,966,871	1,841,000	29,895,405
<u>2020 Cummulative</u>													
Cubic Feet	8,004,741	10,539,851	13,343,051	16,302,351	19,412,357	22,647,057	25,489,457	27,780,357	29,946,778	32,032,995	33,999,866	35,840,866	
Total	8,004,741	10,539,851	13,343,051	16,302,351	19,412,357	22,647,057	25,489,457	27,780,357	29,946,778	32,032,995	33,999,866	35,840,866	
Change in Consumption													
Cubic Feet	(100,180)	(389,410)	(302,900)	(178,500)	(333,906)	(757,070)	(608,010)	(257,500)	(338,521)	(77,117)	(178,771)	(6,000)	
Total	(100,180)	(389,410)	(302,900)	(178,500)	(333,906)	(757,070)	(608,010)	(257,500)	(338,521)	(77,117)	(178,771)	(6,000)	
Total (AF)	(2.30)	(8.94)	(6.95)	(4.10)	(7.67)	(17.38)	(13.96)	(5.91)	(7.77)	(1.77)	(4.10)	(0.14)	
% Change	-4.86%	-15.36%	-10.81%	-6.03%	-10.74%	-23.40%	-21.39%	-11.24%	-15.63%	-3.70%	-9.09%	-0.33%	
Total	-4.86%	-15.36%	-10.81%	-6.03%	-10.74%	-23.40%	-21.39%	-11.24%	-15.63%	-3.70%	-9.09%	-0.33%	
Cummulative Change													
Cubic Feet	(378,241)	(767,651)	(1,070,551)	(1,249,051)	(1,582,957)	(2,340,027)	(2,948,037)	(3,205,537)	(3,544,058)	(3,621,175)	(3,799,946)	(3,805,946)	
Total	(378,241)	(767,651)	(1,070,551)	(1,249,051)	(1,582,957)	(2,340,027)	(2,948,037)	(3,205,537)	(3,544,058)	(3,621,175)	(3,799,946)	(3,805,946)	
Total (AF)	(8.68)	(17.62)	(24.58)	(28.67)	(36.34)	(53.72)	(67.68)	(73.59)	(81.36)	(83.13)	(87.23)	(87.37)	
% Cummulative Change	-4.73%	-7.28%	-8.02%	-7.66%	-8.15%	-10.33%	-11.57%	-11.54%	-11.83%	-11.30%	-11.18%	-10.62%	
Total	-4.73%	-7.28%	-8.02%	-7.66%	-8.15%	-10.33%	-11.57%	-11.54%	-11.83%	-11.30%	-11.18%	-10.62%	

**Crestline Village Water District
Gallons Per Capita Daily Calculation**

Calendar 2022

	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Average</u>
Zip	3,723	3,726	3,891	3,931	3,975	3,914	3,828	3,746	3,785	3,783	3,639	3,455	3,627
People per Household	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83
Est. Full-Time Population	10,536	10,545	11,012	11,125	11,249	11,077	10,833	10,601	10,712	10,706	10,298	9,778	10,264
Days Per Month	30	31	30	31	31	30	31	30	31	31	28	31	365
Gallons Water Produced	16,008,202	18,195,773	20,518,493	23,785,697	22,684,312	21,029,167	18,573,603	15,246,245	16,351,834	17,602,856	18,653,661	18,798,482	218,856,056
92325 Residential Water Usage (Ci % Residential Water	1,717,700 87.68%	1,765,700 82.29%	1,945,200 77.80%	2,098,100 75.45%	2,277,100 82.03%	2,211,100 89.24%	1,917,320 85.81%	1,801,200 88.58%	1,738,500 95.11%	1,716,400 85.43%	1,691,800 94.61%	1,509,300 82.25%	21,634,171 85.39%
Gallons Per Capita Daily - 2022/23	50.65	55.66	62.11	68.97	65.05	63.28	55.31	47.94	49.24	53.04	64.69	62.02	57.11
R - Gallons Per Capita Daily - 2022/23	44.41	45.80	48.32	52.04	53.36	56.47	47.46	42.46	46.83	45.31	61.21	51.01	48.62

Calendar 2020

Zip	3,497	3,698	3,932	3,945	4,008	3,980	3,965	3,971	3,865	3,914	3,853	3,734	3,648
People per Household	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.38	2.38	2.83
Est. Full-Time Population	9,897	10,465	11,128	11,164	11,343	11,263	11,221	11,238	10,938	9,877	9,877	8,887	10,324
Days Per Month	30	31	30	31	31	30	31	30	31	31	28	31	365
Gallons Water Produced	15,523,050	19,814,602	22,800,798	26,689,500	25,086,035	23,452,874	20,864,854	17,078,949	16,403,543	16,474,543	14,696,913	16,375,418	203,181,312
92325 Residential Water Usage (Ci % Residential Water	1,743,100 84.65%	1,967,800 77.62%	2,263,800 80.76%	2,357,300 79.66%	2,551,906 82.05%	2,752,100 85.08%	2,421,300 85.19%	2,219,900 96.90%	1,910,021 88.16%	1,932,100 92.61%	1,919,300 97.58%	1,613,771 87.66%	24,352,268 85.84%
Gallons Per Capita Daily - 2020	52.28	61.08	68.30	77.12	71.34	69.41	59.98	50.66	48.38	53.81	53.14	59.44	59.67
R - Gallons Per Capita Daily - 2020	44.26	47.41	55.16	61.43	58.54	59.05	51.10	49.09	42.65	49.83	51.86	52.10	50.89
Change R-GPCD 2013-2019	0.15	(1.60)	(6.84)	(9.40)	(5.17)	(2.58)	(3.64)	(6.62)	4.18	(4.52)	9.35	(1.10)	(2.27)
% Change	0.34%	-3.38%	-12.39%	-15.29%	-8.84%	-4.37%	-7.12%	-13.49%	9.81%	-9.07%	18.03%	-2.10%	-4.46%