

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

<u>2022-23 Production</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>Apr</u>	<u>Total</u>
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	1,691,687	14,083,455
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	1,043,796	16,919,424
<b>Total</b>	<b>2,140,134</b>	<b>2,432,590</b>	<b>2,743,114</b>	<b>3,179,906</b>	<b>3,032,662</b>	<b>2,811,386</b>	<b>2,483,102</b>	<b>2,038,268</b>	<b>2,186,074</b>	<b>2,353,323</b>	<b>2,493,805</b>	<b>2,513,166</b>	<b>2,735,483</b>	<b>31,002,879</b>
<b>2022 Cumulative</b>														
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	17,354,179	
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	20,813,581	
<b>Total</b>	<b>8,351,729</b>	<b>10,784,319</b>	<b>13,527,433</b>	<b>16,707,339</b>	<b>19,740,001</b>	<b>22,551,387</b>	<b>25,034,489</b>	<b>27,072,757</b>	<b>29,258,831</b>	<b>31,612,154</b>	<b>34,105,959</b>	<b>36,619,125</b>	<b>39,354,608</b>	
<b>2020 Production</b>														
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	1,318,155	19,451,126
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	889,997	12,133,768
<b>Total</b>	<b>2,075,274</b>	<b>2,649,011</b>	<b>3,048,235</b>	<b>3,568,115</b>	<b>3,353,748</b>	<b>3,135,411</b>	<b>2,789,419</b>	<b>2,283,282</b>	<b>2,192,987</b>	<b>2,202,479</b>	<b>1,964,828</b>	<b>2,189,227</b>	<b>2,208,152</b>	<b>27,163,277</b>
<b>2020 Cumulative</b>														
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	26,608,616	
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	13,214,477	
<b>Total</b>	<b>8,238,199</b>	<b>10,887,210</b>	<b>13,935,445</b>	<b>17,503,560</b>	<b>20,857,308</b>	<b>23,992,719</b>	<b>26,782,138</b>	<b>29,065,420</b>	<b>31,258,407</b>	<b>33,460,886</b>	<b>35,425,714</b>	<b>37,614,941</b>	<b>39,823,093</b>	
<b>Change in Production</b>														
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)	373,532	(5,367,671)
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	153,799	4,785,656
<b>Total</b>	<b>64,860</b>	<b>(216,421)</b>	<b>(305,121)</b>	<b>(388,209)</b>	<b>(321,086)</b>	<b>(324,025)</b>	<b>(306,317)</b>	<b>(245,014)</b>	<b>(6,913)</b>	<b>150,844</b>	<b>528,977</b>	<b>323,939</b>	<b>527,331</b>	<b>3,839,602</b>
<b>Total (AF)</b>	<b>1.49</b>	<b>(4.97)</b>	<b>(7.00)</b>	<b>(8.91)</b>	<b>(7.37)</b>	<b>(7.44)</b>	<b>(7.03)</b>	<b>(5.62)</b>	<b>(0.16)</b>	<b>3.46</b>	<b>12.14</b>	<b>7.44</b>	<b>12.11</b>	<b>88.15</b>
<b>% Change</b>														
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%	28.34%	
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%	17.28%	
<b>Total</b>	<b>3.13%</b>	<b>-8.17%</b>	<b>-10.01%</b>	<b>-10.88%</b>	<b>-9.57%</b>	<b>-10.33%</b>	<b>-10.98%</b>	<b>-10.73%</b>	<b>-0.32%</b>	<b>6.85%</b>	<b>26.92%</b>	<b>14.80%</b>	<b>23.88%</b>	
<b>Cummulative Change</b>														
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)	(8,067,589)	
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	7,599,104	
<b>Total</b>	<b>113,530</b>	<b>(102,891)</b>	<b>(408,012)</b>	<b>(796,221)</b>	<b>(1,117,307)</b>	<b>(1,441,332)</b>	<b>(1,747,649)</b>	<b>(1,992,663)</b>	<b>(1,999,576)</b>	<b>(1,848,732)</b>	<b>(1,319,755)</b>	<b>(995,816)</b>	<b>(468,485)</b>	
<b>Total (AF)</b>	<b>2.61</b>	<b>(2.36)</b>	<b>(9.37)</b>	<b>(18.28)</b>	<b>(25.65)</b>	<b>(33.09)</b>	<b>(40.12)</b>	<b>(45.75)</b>	<b>(45.90)</b>	<b>(42.44)</b>	<b>(30.30)</b>	<b>(22.86)</b>	<b>(10.75)</b>	
<b>% Cummulative Change</b>														
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%	-30.32%	
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%	57.51%	
<b>Total</b>	<b>1.38%</b>	<b>-0.95%</b>	<b>-2.93%</b>	<b>-4.55%</b>	<b>-5.36%</b>	<b>-6.01%</b>	<b>-6.53%</b>	<b>-6.86%</b>	<b>-6.40%</b>	<b>-5.53%</b>	<b>-3.73%</b>	<b>-2.65%</b>	<b>-1.18%</b>	

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

<u>2022-23 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>Apr</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	1,760,360	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	1,760,360	26,390,920
<b>2022-23 Cummulative</b>														
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	33,795,280	
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	33,795,280	
<b>2020-21 Consumption</b>	<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>Apr</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	2,064,900	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	2,064,900	29,895,405
<b>2020-21 Cummulative</b>														
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	37,905,766	
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	37,905,766	
<b>Change in Consumption</b>														
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)	(304,540)	
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)	(304,540)	
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)	(6.99)	
<b>% Change</b>														
Cubic Feet	-4.86%	-15.36%	-10.81%	-6.03%	-10.74%	-23.40%	-21.39%	-11.24%	-15.63%	-3.70%	-9.09%	-0.33%	-14.75%	
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%	-14.75%	
<b>Cummulative Change</b>														
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)	(4,110,486)	
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)	(4,110,486)	
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)	(94.36)	
<b>% Cummulative Change</b>														
Cubic Feet	-4.73%	-7.28%	-8.02%	-7.66%	-8.15%	-10.33%	-11.57%	-11.54%	-11.83%	-11.30%	-11.18%	-10.62%	-10.84%	
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%	-10.84%	

**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>Apr</u>	<u>Average</u>
Zip	4,965	4,970	4,970	4,970	4,972	4,970	4,973	4,971	4,972	4,973	4,970	4,971	4,970	4,971
People per Household	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38
Est. Full-Time Population	11,817	11,829	11,829	11,829	11,833	11,829	11,836	11,831	11,833	11,836	11,829	11,831	11,829	11,831
Days Per Month	30	31	30	31	31	30	31	30	31	31	28	31	30	30
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	20,461,413	19,325,128
92325 Residential Water Usage (CI)	1,717,700	1,765,700	1,945,200	2,098,100	2,277,100	2,211,100	1,917,320	1,801,200	1,738,500	1,716,400	1,691,800	1,509,300	1,657,200	21,634,171
% Residential Water	87.68%	82.29%	77.80%	75.45%	82.03%	89.24%	85.81%	88.58%	95.11%	85.43%	94.61%	82.25%	94.14%	85.39%
Gallons Per Capita Daily - 2022/23	<b>45.16</b>	<b>49.62</b>	<b>57.82</b>	<b>64.86</b>	<b>61.84</b>	<b>59.26</b>	<b>50.62</b>	<b>42.96</b>	<b>44.58</b>	<b>47.98</b>	<b>56.32</b>	<b>51.26</b>	<b>57.66</b>	<b>53.73</b>
R - Gallons Per Capita Daily - 2022/23	<b>39.59</b>	<b>40.83</b>	<b>44.98</b>	<b>48.94</b>	<b>50.73</b>	<b>52.88</b>	<b>43.44</b>	<b>38.05</b>	<b>42.40</b>	<b>40.99</b>	<b>53.28</b>	<b>42.16</b>	<b>54.28</b>	<b>46.08</b>

**Calendar 2020**

Zip	4,964	4,964	4,964	4,964	4,964	4,964	4,964	4,964	4,964	4,964	4,964	4,964	4,964	4,466
People per Household	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.83
Est. Full-Time Population	11,814	11,814	11,814	11,814	11,814	11,814	11,814	11,814	11,814	9,877	9,877	11,814	11,814	12,639
Days Per Month	30	31	30	31	31	30	31	30	31	31	28	31	30	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	16,516,977	203,181,312
92325 Residential Water Usage (CI)	1,743,100	1,967,800	2,263,800	2,357,300	2,551,906	2,752,100	2,421,300	2,219,900	1,910,021	1,932,100	1,919,300	1,613,771	1,803,300	24,352,268
% Residential Water	84.65%	77.62%	80.76%	79.66%	82.05%	85.08%	85.19%	96.90%	88.16%	92.61%	97.58%	87.66%	87.33%	85.84%
Gallons Per Capita Daily - 2020	<b>43.80</b>	<b>54.10</b>	<b>64.33</b>	<b>72.88</b>	<b>68.50</b>	<b>66.17</b>	<b>56.97</b>	<b>48.19</b>	<b>44.79</b>	<b>53.81</b>	<b>53.14</b>	<b>44.71</b>	<b>46.60</b>	<b>56.43</b>
R - Gallons Per Capita Daily - 2020	<b>37.08</b>	<b>42.00</b>	<b>51.96</b>	<b>58.05</b>	<b>56.20</b>	<b>56.30</b>	<b>48.53</b>	<b>46.69</b>	<b>39.49</b>	<b>49.83</b>	<b>51.86</b>	<b>39.20</b>	<b>40.70</b>	<b>48.19</b>
Change R-GPCD 2013-2019	<b>2.52</b>	<b>(1.16)</b>	<b>(6.97)</b>	<b>(9.11)</b>	<b>(5.47)</b>	<b>(3.42)</b>	<b>(5.10)</b>	<b>(8.64)</b>	<b>2.91</b>	<b>(8.84)</b>	<b>1.43</b>	<b>2.96</b>	<b>13.58</b>	<b>(2.11)</b>
% Change	<b>6.79%</b>	<b>-2.77%</b>	<b>-13.42%</b>	<b>-15.70%</b>	<b>-9.74%</b>	<b>-6.07%</b>	<b>-10.50%</b>	<b>-18.51%</b>	<b>7.37%</b>	<b>-17.75%</b>	<b>2.75%</b>	<b>7.56%</b>	<b>33.37%</b>	<b>-4.38%</b>