

**Crestline Village Water District**  
**Change in Water Production - Cubic Feet**  
2013 vs 2018

<b>2018 Production</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Total</b>
Wells	1,219,086	1,008,282	1,133,325	1,194,244	1,132,872	1,082,733	1,102,438	1,003,332	-	-	-	-	8,876,312
CLAWA	1,299,025	849,865	809,024	1,007,165	1,212,072	1,465,534	1,980,696	1,835,348	-	-	-	-	10,458,729
<b>Total</b>	<b>2,518,111</b>	<b>1,858,147</b>	<b>1,942,349</b>	<b>2,201,409</b>	<b>2,344,944</b>	<b>2,548,267</b>	<b>3,083,134</b>	<b>2,838,680</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>19,335,041</b>

<b>2018 Cumulative</b>													
Wells	1,219,086	2,227,368	3,360,693	4,554,937	5,687,809	6,770,542	7,872,980	8,876,312	-	-	-	-	
CLAWA	1,299,025	2,148,890	2,957,914	3,965,079	5,177,151	6,642,685	8,623,381	10,458,729	-	-	-	-	
<b>Total</b>	<b>2,518,111</b>	<b>4,376,258</b>	<b>6,318,607</b>	<b>8,520,016</b>	<b>10,864,960</b>	<b>13,413,227</b>	<b>16,496,361</b>	<b>19,335,041</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	

<b>2013 Production</b>													
Wells	1,892,667	1,416,423	1,570,947	1,427,183	1,498,424	1,506,235	1,372,567	1,350,287	1,330,182	1,210,928	1,344,261	1,168,307	17,088,411
CLAWA	1,026,069	378,743	606,417	878,490	1,119,532	1,641,898	2,091,243	1,889,105	1,991,017	1,541,056	1,111,284	1,081,043	15,355,897
<b>Total</b>	<b>2,918,736</b>	<b>1,795,166</b>	<b>2,177,364</b>	<b>2,305,673</b>	<b>2,617,956</b>	<b>3,148,133</b>	<b>3,463,810</b>	<b>3,239,392</b>	<b>3,321,199</b>	<b>2,751,984</b>	<b>2,455,545</b>	<b>2,249,350</b>	<b>32,444,308</b>

<b>2013 Cumulative</b>													
Wells	1,892,667	3,309,090	4,880,037	6,307,220	7,805,644	9,311,879	10,684,446	12,034,733	13,364,915	14,575,843	15,920,104	17,088,411	
CLAWA	1,026,069	1,404,812	2,011,229	2,889,719	4,009,251	5,651,149	7,742,392	9,631,497	11,622,514	13,163,570	14,274,854	15,355,897	
<b>Total</b>	<b>2,918,736</b>	<b>4,713,902</b>	<b>6,891,266</b>	<b>9,196,939</b>	<b>11,814,895</b>	<b>14,963,028</b>	<b>18,426,838</b>	<b>21,666,230</b>	<b>24,987,429</b>	<b>27,739,413</b>	<b>30,194,958</b>	<b>32,444,308</b>	

<b>Change in Production</b>													
Wells	(673,581)	(408,141)	(437,622)	(232,939)	(365,552)	(423,502)	(270,129)	(346,955)	-	-	-	-	
CLAWA	272,956	471,122	202,607	128,675	92,540	(176,364)	(110,547)	(53,757)	-	-	-	-	
<b>Total</b>	<b>(400,625)</b>	<b>62,981</b>	<b>(235,015)</b>	<b>(104,264)</b>	<b>(273,012)</b>	<b>(599,866)</b>	<b>(380,676)</b>	<b>(400,712)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>Total (AF)</b>	<b>(9.20)</b>	<b>1.45</b>	<b>(5.40)</b>	<b>(2.39)</b>	<b>(6.27)</b>	<b>(13.77)</b>	<b>(8.74)</b>	<b>(9.20)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	

<b>% Change</b>													
Wells	-35.59%	-28.81%	-27.86%	-16.32%	-24.40%	-28.12%	-19.68%	-25.69%	0.00%	0.00%	0.00%	0.00%	
CLAWA	26.60%	124.39%	33.41%	14.65%	8.27%	-10.74%	-5.29%	-2.85%	0.00%	0.00%	0.00%	0.00%	
<b>Total</b>	<b>-13.73%</b>	<b>3.51%</b>	<b>-10.79%</b>	<b>-4.52%</b>	<b>-10.43%</b>	<b>-19.05%</b>	<b>-10.99%</b>	<b>-12.37%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	

<b>Cummulative Change</b>													
Wells	(673,581)	(1,081,722)	(1,519,344)	(1,752,283)	(2,117,835)	(2,541,337)	(2,811,466)	(3,158,421)	-	-	-	-	
CLAWA	272,956	744,078	946,685	1,075,360	1,167,900	991,536	880,989	827,232	-	-	-	-	
<b>Total</b>	<b>(400,625)</b>	<b>(337,644)</b>	<b>(572,659)</b>	<b>(676,923)</b>	<b>(949,935)</b>	<b>(1,549,801)</b>	<b>(1,930,477)</b>	<b>(2,331,189)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>Total (AF)</b>	<b>(9.20)</b>	<b>(7.75)</b>	<b>(13.15)</b>	<b>(15.54)</b>	<b>(21.81)</b>	<b>(35.58)</b>	<b>(44.32)</b>	<b>(53.52)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	

<b>% Cummulative Change</b>													
Wells	-35.59%	-32.69%	-31.13%	-27.78%	-27.13%	-27.29%	-26.31%	-26.24%	0.00%	0.00%	0.00%	0.00%	
CLAWA	26.60%	52.97%	47.07%	37.21%	29.13%	17.55%	11.38%	8.59%	0.00%	0.00%	0.00%	0.00%	
<b>Total</b>	<b>-13.73%</b>	<b>-7.16%</b>	<b>-8.31%</b>	<b>-7.36%</b>	<b>-8.04%</b>	<b>-10.36%</b>	<b>-10.48%</b>	<b>-10.76%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	

**Crestline Village Water District**

**Change in Customer Water Consumption - Cubic Feet**

2013 vs 2018

<u>2018 Consumption</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</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>Total</u>
Cubic Feet	2,004,008	1,878,291	1,812,768	1,919,473	2,091,613	2,460,161	2,707,298	2,841,420	2,460,380	2,308,867	2,055,632	1,979,392	26,519,303
<b>Total</b>	<b>2,004,008</b>	<b>1,878,291</b>	<b>1,812,768</b>	<b>1,919,473</b>	<b>2,091,613</b>	<b>2,460,161</b>	<b>2,707,298</b>	<b>2,841,420</b>	<b>2,460,380</b>	<b>2,308,867</b>	<b>2,055,632</b>	<b>1,979,392</b>	<b>26,519,303</b>
<b>2018 Cummulative</b>													
Cubic Feet	2,004,008	3,882,299	5,695,067	7,614,540	9,706,153	12,166,314	14,873,612	17,715,032	20,175,412	22,484,279	24,539,911	26,519,303	
<b>Total</b>	<b>2,004,008</b>	<b>3,882,299</b>	<b>5,695,067</b>	<b>7,614,540</b>	<b>9,706,153</b>	<b>12,166,314</b>	<b>14,873,612</b>	<b>17,715,032</b>	<b>20,175,412</b>	<b>22,484,279</b>	<b>24,539,911</b>	<b>26,519,303</b>	
<b>2013 Consumption</b>													
Cubic Feet	2,261,012	1,952,389	1,843,970	2,101,256	2,351,113	2,776,689	3,125,809	3,075,879	2,952,319	2,417,952	2,060,523	2,062,910	28,981,821
<b>Total</b>	<b>2,261,012</b>	<b>1,952,389</b>	<b>1,843,970</b>	<b>2,101,256</b>	<b>2,351,113</b>	<b>2,776,689</b>	<b>3,125,809</b>	<b>3,075,879</b>	<b>2,952,319</b>	<b>2,417,952</b>	<b>2,060,523</b>	<b>2,062,910</b>	<b>28,981,821</b>
<b>2013 Cummulative</b>													
Cubic Feet	2,261,012	4,213,401	6,057,371	8,158,627	10,509,740	13,286,429	16,412,238	19,488,117	22,440,436	24,858,388	26,918,911	28,981,821	
<b>Total</b>	<b>2,261,012</b>	<b>4,213,401</b>	<b>6,057,371</b>	<b>8,158,627</b>	<b>10,509,740</b>	<b>13,286,429</b>	<b>16,412,238</b>	<b>19,488,117</b>	<b>22,440,436</b>	<b>24,858,388</b>	<b>26,918,911</b>	<b>28,981,821</b>	
<b>Change in Consumption</b>													
Cubic Feet	(257,004)	(74,098)	(31,202)	(181,783)	(259,500)	(316,528)	(418,511)	(234,459)	(491,939)	(109,085)	(4,891)	(83,518)	
<b>Total</b>	<b>(257,004)</b>	<b>(74,098)</b>	<b>(31,202)</b>	<b>(181,783)</b>	<b>(259,500)</b>	<b>(316,528)</b>	<b>(418,511)</b>	<b>(234,459)</b>	<b>(491,939)</b>	<b>(109,085)</b>	<b>(4,891)</b>	<b>(83,518)</b>	
<b>Total (AF)</b>	<b>(5.90)</b>	<b>(1.70)</b>	<b>(0.72)</b>	<b>(4.17)</b>	<b>(5.96)</b>	<b>(7.27)</b>	<b>(9.61)</b>	<b>(5.38)</b>	<b>(11.29)</b>	<b>(2.50)</b>	<b>(0.11)</b>	<b>(1.92)</b>	
<b>% Change</b>													
Cubic Feet	-11.37%	-3.80%	-1.69%	-8.65%	-11.04%	-11.40%	-13.39%	-7.62%	-16.66%	-4.51%	-0.24%	-4.05%	
<b>Total</b>	<b>-11.37%</b>	<b>-3.80%</b>	<b>-1.69%</b>	<b>-8.65%</b>	<b>-11.04%</b>	<b>-11.40%</b>	<b>-13.39%</b>	<b>-7.62%</b>	<b>-16.66%</b>	<b>-4.51%</b>	<b>-0.24%</b>	<b>-4.05%</b>	
<b>Cummulative Change</b>													
Cubic Feet	(257,004)	(331,102)	(362,304)	(544,087)	(803,587)	(1,120,115)	(1,538,626)	(1,773,085)	(2,265,024)	(2,374,109)	(2,379,000)	(2,462,518)	
<b>Total</b>	<b>(257,004)</b>	<b>(331,102)</b>	<b>(362,304)</b>	<b>(544,087)</b>	<b>(803,587)</b>	<b>(1,120,115)</b>	<b>(1,538,626)</b>	<b>(1,773,085)</b>	<b>(2,265,024)</b>	<b>(2,374,109)</b>	<b>(2,379,000)</b>	<b>(2,462,518)</b>	
<b>Total (AF)</b>	<b>(5.90)</b>	<b>(7.60)</b>	<b>(8.32)</b>	<b>(12.49)</b>	<b>(18.45)</b>	<b>(25.71)</b>	<b>(35.32)</b>	<b>(40.70)</b>	<b>(52.00)</b>	<b>(54.50)</b>	<b>(54.61)</b>	<b>(56.53)</b>	
<b>% Cummulative Change</b>													
Cubic Feet	-11.37%	-7.86%	-5.98%	-6.67%	-7.65%	-8.43%	-9.37%	-9.10%	-10.09%	-9.55%	-8.84%	-8.50%	
<b>Total</b>	<b>-11.37%</b>	<b>-7.86%</b>	<b>-5.98%</b>	<b>-6.67%</b>	<b>-7.65%</b>	<b>-8.43%</b>	<b>-9.37%</b>	<b>-9.10%</b>	<b>-10.09%</b>	<b>-9.55%</b>	<b>-8.84%</b>	<b>-8.50%</b>	

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

**Calendar 2018**

	<u>Jan</u>	<u>Feb</u>	<u>Mar</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>Average</u>
Residential Services with 92325 Zip	2,773	2,777	2,777	2,773	2,772	2,780	2,779	2,779	2,749	2,762	2,756	2,769	2,771
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	7,848	7,859	7,859	7,848	7,845	7,867	7,865	7,865	7,780	7,816	7,799	7,836	7,842
Days Per Month	31	28	31	30	31	30	31	31	30	31	30	31	365
Gallons Water Produced	18,835,470	13,898,940	14,528,771	16,466,539	17,540,181	19,061,037	23,061,842	21,233,326	-	-	-	-	144,626,107
92325 Residential Water Usage (C % Residential Water	1,392,002 69.46%	1,314,698 69.99%	1,245,698 68.72%	1,364,842 71.11%	1,425,726 68.16%	1,607,280 65.33%	1,745,686 64.48%	1,831,476 64.46%	1,596,504 64.89%	1,528,063 66.18%	1,411,676 68.67%	1,378,957 69.67%	17,842,608 67.28%
<b>Gallons Per Capita Daily - 2018</b>	<b>77.42</b>	<b>63.16</b>	<b>59.63</b>	<b>69.94</b>	<b>72.12</b>	<b>80.76</b>	<b>94.59</b>	<b>87.09</b>	-	-	-	-	<b>50.53</b>
<b>R - Gallons Per Capita Daily - 2018</b>	<b>53.78</b>	<b>44.21</b>	<b>40.98</b>	<b>49.73</b>	<b>49.16</b>	<b>52.76</b>	<b>60.99</b>	<b>56.14</b>	-	-	-	-	<b>33.99</b>

**Calendar 2013**

Residential Services with 92325 Zip	2,604	2,604	2,591	2,603	2,597	2,592	2,596	2,589	2,580	2,603	2,597	2,592	2,596
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	7,369	7,369	7,333	7,366	7,350	7,335	7,347	7,327	7,301	7,366	7,350	7,335	7,347
Days Per Month	31	28	31	30	31	30	31	31	30	31	30	31	365
Gallons Water Produced	21,832,145	13,427,842	16,286,683	17,246,434	19,582,311	23,548,035	25,909,299	24,230,652	24,842,569	20,584,840	18,367,477	16,825,138	242,683,424
92325 Residential Water Usage (C % Residential Water	1,419,270 62.77%	1,272,987 65.20%	1,230,130 66.71%	1,399,353 66.60%	1,365,893 58.10%	1,607,280 57.88%	1,745,686 55.85%	1,925,042 62.59%	1,890,412 64.03%	1,568,571 64.87%	1,411,676 68.51%	1,378,957 66.85%	18,215,257 62.85%
<b>Gallons Per Capita Daily - 2013</b>	<b>95.57</b>	<b>65.08</b>	<b>71.65</b>	<b>78.05</b>	<b>85.94</b>	<b>107.01</b>	<b>113.76</b>	<b>106.68</b>	<b>113.42</b>	<b>90.15</b>	<b>83.30</b>	<b>73.99</b>	<b>90.50</b>
<b>R - Gallons Per Capita Daily - 2013</b>	<b>59.99</b>	<b>42.43</b>	<b>47.79</b>	<b>51.98</b>	<b>49.93</b>	<b>61.94</b>	<b>63.53</b>	<b>66.77</b>	<b>72.62</b>	<b>58.48</b>	<b>57.07</b>	<b>49.47</b>	<b>56.88</b>
<b>Change R-GPCD 2013-2018</b>	<b>(6.21)</b>	<b>1.78</b>	<b>(6.81)</b>	<b>(2.24)</b>	<b>(0.77)</b>	<b>(9.18)</b>	<b>(2.54)</b>	<b>(10.63)</b>	-	-	-	-	<b>(22.88)</b>
<b>% Change</b>	<b>-10.36%</b>	<b>4.18%</b>	<b>-14.26%</b>	<b>-4.32%</b>	<b>-1.55%</b>	<b>-14.81%</b>	<b>-4.00%</b>	<b>-15.93%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>-40.23%</b>