

**Crestline Village Water District**  
**Change in Water Production - Cubic Feet**  
2013 vs 2017

<b>2017 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	778,620	898,292	1,305,512	1,611,937	1,559,470	1,269,163	1,381,209	1,344,721	1,207,963	1,336,316	1,257,966	1,005,141	14,956,310
CLAWA	1,388,503	950,936	701,884	647,139	818,102	1,332,701	1,820,321	1,504,277	1,241,309	1,261,230	895,026	1,085,749	13,647,177
<b>Total</b>	<b>2,167,123</b>	<b>1,849,228</b>	<b>2,007,396</b>	<b>2,259,076</b>	<b>2,377,572</b>	<b>2,601,864</b>	<b>3,201,530</b>	<b>2,848,998</b>	<b>2,449,272</b>	<b>2,597,546</b>	<b>2,152,992</b>	<b>2,090,890</b>	<b>28,603,487</b>
<b>2017 Cumulative</b>													
Wells	778,620	1,676,912	2,982,424	4,594,361	6,153,831	7,422,994	8,804,203	10,148,924	11,356,887	12,693,203	13,951,169	14,956,310	
CLAWA	1,388,503	2,339,439	3,041,323	3,688,462	4,506,564	5,839,265	7,659,586	9,163,863	10,405,172	11,666,402	12,561,428	13,647,177	
<b>Total</b>	<b>2,167,123</b>	<b>4,016,351</b>	<b>6,023,747</b>	<b>8,282,823</b>	<b>10,660,395</b>	<b>13,262,259</b>	<b>16,463,789</b>	<b>19,312,787</b>	<b>21,762,059</b>	<b>24,359,605</b>	<b>26,512,597</b>	<b>28,603,487</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	(1,114,047)	(518,131)	(265,435)	184,754	61,046	(237,072)	8,642	(5,566)	(122,219)	125,388	(86,295)	(163,166)	
CLAWA	362,434	572,193	95,467	(231,351)	(301,430)	(309,197)	(270,922)	(384,828)	(749,708)	(279,826)	(216,258)	4,706	
<b>Total</b>	<b>(751,613)</b>	<b>54,062</b>	<b>(169,968)</b>	<b>(46,597)</b>	<b>(240,384)</b>	<b>(546,269)</b>	<b>(262,280)</b>	<b>(390,394)</b>	<b>(871,927)</b>	<b>(154,438)</b>	<b>(302,553)</b>	<b>(158,460)</b>	
<b>Total (AF)</b>	<b>(17.25)</b>	<b>1.24</b>	<b>(3.90)</b>	<b>(1.07)</b>	<b>(5.52)</b>	<b>(12.54)</b>	<b>(6.02)</b>	<b>(8.96)</b>	<b>(20.02)</b>	<b>(3.55)</b>	<b>(6.95)</b>	<b>(3.64)</b>	
<b>% Change</b>													
Wells	-58.86%	-36.58%	-16.90%	12.95%	4.07%	-15.74%	0.63%	-0.41%	-9.19%	10.35%	-6.42%	-13.97%	
CLAWA	35.32%	151.08%	15.74%	-26.34%	-26.92%	-18.83%	-12.96%	-20.37%	-37.65%	-18.16%	-19.46%	0.44%	
<b>Total</b>	<b>-25.75%</b>	<b>3.01%</b>	<b>-7.81%</b>	<b>-2.02%</b>	<b>-9.18%</b>	<b>-17.35%</b>	<b>-7.57%</b>	<b>-12.05%</b>	<b>-26.25%</b>	<b>-5.61%</b>	<b>-12.32%</b>	<b>-7.04%</b>	
<b>Cummulative Change</b>													
Wells	(1,114,047)	(1,632,178)	(1,897,613)	(1,712,859)	(1,651,813)	(1,888,885)	(1,880,243)	(1,885,809)	(2,008,028)	(1,882,640)	(1,968,935)	(2,132,101)	
CLAWA	362,434	934,627	1,030,094	798,743	497,313	188,116	(82,806)	(467,634)	(1,217,342)	(1,497,168)	(1,713,426)	(1,708,720)	
<b>Total</b>	<b>(751,613)</b>	<b>(697,551)</b>	<b>(867,519)</b>	<b>(914,116)</b>	<b>(1,154,500)</b>	<b>(1,700,769)</b>	<b>(1,963,049)</b>	<b>(2,353,443)</b>	<b>(3,225,370)</b>	<b>(3,379,808)</b>	<b>(3,682,361)</b>	<b>(3,840,821)</b>	
<b>Total (AF)</b>	<b>(17.25)</b>	<b>(16.01)</b>	<b>(19.92)</b>	<b>(20.99)</b>	<b>(26.50)</b>	<b>(39.04)</b>	<b>(45.07)</b>	<b>(54.03)</b>	<b>(74.04)</b>	<b>(77.59)</b>	<b>(84.54)</b>	<b>(88.17)</b>	
<b>% Cummulative Change</b>													
Wells	-58.86%	-49.32%	-38.89%	-27.16%	-21.16%	-20.28%	-17.60%	-15.67%	-15.02%	-12.92%	-12.37%	-12.48%	
CLAWA	35.32%	66.53%	51.22%	27.64%	12.40%	3.33%	-1.07%	-4.86%	-10.47%	-11.37%	-12.00%	-11.13%	
<b>Total</b>	<b>-25.75%</b>	<b>-14.80%</b>	<b>-12.59%</b>	<b>-9.94%</b>	<b>-9.77%</b>	<b>-11.37%</b>	<b>-10.65%</b>	<b>-10.86%</b>	<b>-12.91%</b>	<b>-12.18%</b>	<b>-12.20%</b>	<b>-11.84%</b>	

**Crestline Village Water District**  
**Change in Customer Water Consumption - Cubic Feet**  
2013 vs 2017

<b>2017 Consumption</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>
Cubic Feet	1,903,573	1,723,001	1,714,036	1,919,473	2,052,678	2,354,548	2,728,834	2,657,006	2,460,380	2,308,867	2,055,632	1,979,392	25,857,420
<b>Total</b>	<b>1,903,573</b>	<b>1,723,001</b>	<b>1,714,036</b>	<b>1,919,473</b>	<b>2,052,678</b>	<b>2,354,548</b>	<b>2,728,834</b>	<b>2,657,006</b>	<b>2,460,380</b>	<b>2,308,867</b>	<b>2,055,632</b>	<b>1,979,392</b>	<b>25,857,420</b>
<b>2017 Cummulative</b>													
Cubic Feet	1,903,573	3,626,574	5,340,610	7,260,083	9,312,761	11,667,309	14,396,143	17,053,149	19,513,529	21,822,396	23,878,028	25,857,420	
<b>Total</b>	<b>1,903,573</b>	<b>3,626,574</b>	<b>5,340,610</b>	<b>7,260,083</b>	<b>9,312,761</b>	<b>11,667,309</b>	<b>14,396,143</b>	<b>17,053,149</b>	<b>19,513,529</b>	<b>21,822,396</b>	<b>23,878,028</b>	<b>25,857,420</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	(357,439)	(229,388)	(129,934)	(181,783)	(298,435)	(422,141)	(396,975)	(418,873)	(491,939)	(109,085)	(4,891)	(83,518)	
<b>Total</b>	<b>(357,439)</b>	<b>(229,388)</b>	<b>(129,934)</b>	<b>(181,783)</b>	<b>(298,435)</b>	<b>(422,141)</b>	<b>(396,975)</b>	<b>(418,873)</b>	<b>(491,939)</b>	<b>(109,085)</b>	<b>(4,891)</b>	<b>(83,518)</b>	
<b>Total (AF)</b>	<b>(8.21)</b>	<b>(5.27)</b>	<b>(2.98)</b>	<b>(4.17)</b>	<b>(6.85)</b>	<b>(9.69)</b>	<b>(9.11)</b>	<b>(9.62)</b>	<b>(11.29)</b>	<b>(2.50)</b>	<b>(0.11)</b>	<b>(1.92)</b>	
<b>% Change</b>													
Cubic Feet	-15.81%	-11.75%	-7.05%	-8.65%	-12.69%	-15.20%	-12.70%	-13.62%	-16.66%	-4.51%	-0.24%	-4.05%	
<b>Total</b>	<b>-15.81%</b>	<b>-11.75%</b>	<b>-7.05%</b>	<b>-8.65%</b>	<b>-12.69%</b>	<b>-15.20%</b>	<b>-12.70%</b>	<b>-13.62%</b>	<b>-16.66%</b>	<b>-4.51%</b>	<b>-0.24%</b>	<b>-4.05%</b>	
<b>Cummulative Change</b>													
Cubic Feet	(357,439)	(586,827)	(716,761)	(898,544)	(1,196,979)	(1,619,120)	(2,016,095)	(2,434,968)	(2,926,907)	(3,035,992)	(3,040,883)	(3,124,401)	
<b>Total</b>	<b>(357,439)</b>	<b>(586,827)</b>	<b>(716,761)</b>	<b>(898,544)</b>	<b>(1,196,979)</b>	<b>(1,619,120)</b>	<b>(2,016,095)</b>	<b>(2,434,968)</b>	<b>(2,926,907)</b>	<b>(3,035,992)</b>	<b>(3,040,883)</b>	<b>(3,124,401)</b>	
<b>Total (AF)</b>	<b>(8.21)</b>	<b>(13.47)</b>	<b>(16.45)</b>	<b>(20.63)</b>	<b>(27.48)</b>	<b>(37.17)</b>	<b>(46.28)</b>	<b>(55.90)</b>	<b>(67.19)</b>	<b>(69.70)</b>	<b>(69.81)</b>	<b>(71.73)</b>	
<b>% Cummulative Change</b>													
Cubic Feet	-15.81%	-13.93%	-11.83%	-11.01%	-11.39%	-12.19%	-12.28%	-12.49%	-13.04%	-12.21%	-11.30%	-10.78%	
<b>Total</b>	<b>-15.81%</b>	<b>-13.93%</b>	<b>-11.83%</b>	<b>-11.01%</b>	<b>-11.39%</b>	<b>-12.19%</b>	<b>-12.28%</b>	<b>-12.49%</b>	<b>-13.04%</b>	<b>-12.21%</b>	<b>-11.30%</b>	<b>-10.78%</b>	

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

**Calendar 2017**

	<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	2,723	2,738	2,743	2,741	2,736	2,742	2,747	2,747	2,749	2,762	2,756	2,769	2,746
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	7,706	7,749	7,763	7,757	7,743	7,760	7,774	7,774	7,780	7,816	7,799	7,836	7,771
Days Per Month	31	28	31	30	31	30	31	31	30	31	30	31	365
Gallons Water Produced	16,210,080	13,832,225	15,015,322	16,897,888	17,784,239	19,461,943	23,947,444	21,310,505	18,320,555	19,429,644	16,104,380	15,639,857	213,954,083
92325 Residential Water Usage (C % Residential Water	1,332,076 69.98%	1,243,163 72.15%	1,207,662 70.46%	1,364,842 71.11%	1,424,314 69.39%	1,586,560 67.38%	1,786,539 65.47%	1,725,036 64.92%	1,596,504 64.89%	1,528,063 66.18%	1,411,676 68.67%	1,378,957 69.67%	17,585,392 68.01%
<b>Gallons Per Capita Daily - 2017</b>	<b>67.86</b>	<b>63.75</b>	<b>62.39</b>	<b>72.61</b>	<b>74.09</b>	<b>83.60</b>	<b>99.37</b>	<b>88.43</b>	<b>78.49</b>	<b>80.19</b>	<b>68.83</b>	<b>64.38</b>	<b>75.43</b>
<b>R - Gallons Per Capita Daily - 2017</b>	<b>47.49</b>	<b>46.00</b>	<b>43.96</b>	<b>51.64</b>	<b>51.41</b>	<b>56.33</b>	<b>65.06</b>	<b>57.41</b>	<b>50.93</b>	<b>53.07</b>	<b>47.27</b>	<b>44.86</b>	<b>51.30</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%	1,502,032 63.89%	1,750,211 63.03%	1,918,331 61.37%	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%	18,666,972 64.41%
<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>54.91</b>	<b>67.45</b>	<b>69.81</b>	<b>66.77</b>	<b>72.62</b>	<b>58.48</b>	<b>57.07</b>	<b>49.47</b>	<b>58.29</b>
<b>Change R-GPCD 2013-2017</b>	<b>(12.50)</b>	<b>3.57</b>	<b>(3.83)</b>	<b>(0.34)</b>	<b>(3.50)</b>	<b>(11.12)</b>	<b>(4.76)</b>	<b>(9.36)</b>	<b>(21.69)</b>	<b>(5.41)</b>	<b>(9.80)</b>	<b>(4.61)</b>	<b>(6.99)</b>
<b>% Change</b>	<b>-20.84%</b>	<b>8.40%</b>	<b>-8.02%</b>	<b>-0.66%</b>	<b>-6.37%</b>	<b>-16.49%</b>	<b>-6.81%</b>	<b>-14.02%</b>	<b>-29.86%</b>	<b>-9.25%</b>	<b>-17.18%</b>	<b>-9.32%</b>	<b>-11.99%</b>