Crestline Village Water District
Change in Water Production - Cubic Feet
2013 to 2015

2015 Production	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Wells	891,181	834,933	1,193,310	1,076,113	1,059,928	943,051	970,810	961,233	732,548	837,185	0	0	9,500,292
CLAWA	1,365,576	964,211	1,002,740	1,012,206	1,046,592	1,406,645	1,592,273	1,674,706	1,733,087	1,212,180	0	0	13,010,216
Total	2,256,757	1,799,144	2,196,050	2,088,319	2,106,520	2,349,696	2,563,083	2,635,939	2,465,635	2,049,365	0	0	22,510,508

2015 Cummulative	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Wells	891,181	1,726,114	2,919,424	3,995,537	5,055,465	5,998,516	6,969,326	7,930,559	8,663,107	9,500,292	8,663,107	8,663,107	
CLAWA	1,365,576	2,329,787	3,332,527	4,344,733	5,391,325	6,797,970	8,390,243	10,064,949	11,798,036	13,010,216	11,798,036	11,798,036	
Total	2,256,757	4,055,901	6,251,951	8,340,270	10,446,790	12,796,486	15,359,569	17,995,508	20,461,143	22,510,508	20,461,143	20,461,143	

2013 Production	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
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
Total	2,918,736	1,795,166	2,177,364	2,305,673	2,617,956	3,148,133	3,463,810	3,239,392	3,321,199	2,751,984	2,455,545	2,249,350	32,444,308

2013 Cummulative	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
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	
Total	2,918,736	4,713,902	6,891,266	9,196,939	11,814,895	14,963,028	18,426,838	21,666,230	24,987,429	27,739,413	30,194,958	32,444,308	

Change in Production	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Wells	(1,001,486)	(581,490)	(377,637)	(351,070)	(438,496)	(563,184)	(401,757)	(389,054)	(597,634)	(373,743)			
CLAWA	339,507	585,468	396,323	133,716	(72,940)	(235,253)	(498,970)	(214,399)	(257,930)	(328,876)			
Total	(661,979)	3,978	18,686	(217,354)	(511,436)	(798,437)	(900,727)	(603,453)	(855,564)	(702,619)			
Total (AF)	(15.20)	0.09	0.43	(4.99)	(11.74)	(18.33)	(20.68)	(13.85)	(19.64)	(16.13)			

% Change	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Wells	-52.91%	-41.05%	-24.04%	-24.60%	-29.26%	-37.39%	-29.27%	-28.81%	-44.93%	-30.86%			
CLAWA	33.09%	154.58%	65.35%	15.22%	-6.52%	-14.33%	-23.86%	-11.35%	-12.95%	-21.34%			
Total	-22.68%	0.22%	0.86%	-9.43%	-19.54%	-25.36%	-26.00%	-18.63%	-25.76%	-25.53%			

Cummulative Change	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Wells	(1,001,486)	(1,582,976)	(1,960,613)	(2,311,683)	(2,750,179)	(3,313,363)	(3,715,120)	(4,104,174)	(4,701,808)	(5,075,551)			
CLAWA	339,507	924,975	1,321,298	1,455,014	1,382,074	1,146,821	647,851	433,452	175,522	(153,354)			
Total	(661,979)	(658,001)	(639,315)	(856,669)	(1,368,105)	(2,166,542)	(3,067,269)	(3,670,722)	(4,526,286)	(5,228,905)			
Total (AF)	(15.20)	(15.11)	(14.68)	(19.67)	(31.41)	(49.74)	(70.41)	(84.27)	(103.91)	(120.04)			

% Cummulative Change	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Wells	-52.91%	-47.84%	-40.18%	-36.65%	-35.23%	-35.58%	-34.77%	-34.10%	-35.18%	-34.82%			
CLAWA	33.09%	65.84%	65.70%	50.35%	34.47%	20.29%	8.37%	4.50%	1.51%	-1.16%			
Total	-22.68%	-13.96%	-9.28%	-9.31%	-11.58%	-14.48%	-16.65%	-16.94%	-18.11%	-18.85%			

Crestline Village Water District
Change in Customer Water Consumption - Cubic Feet
2013 to 2015

2015 Consumption	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Cubic Feet	2,030,852	1,755,211	1,768,074	1,917,495	1,880,620	2,114,618	2,386,642	2,343,529	2,424,023	2,024,493			20,645,557
Total	2,030,852	1,755,211	1,768,074	1,917,495	1,880,620	2,114,618	2,386,642	2,343,529	2,424,023	2,024,493	0	0	20,645,557
2015 Cummulative													
Cubic Feet	2,030,852	3,786,063	5,554,137	7,471,632	9,352,252	11,466,870	13,853,512	16,197,041	18,621,064	20,645,557	18,621,064	18,621,064	
Total	2,030,852	3,786,063	5,554,137	7,471,632	9,352,252	11,466,870	13,853,512	16,197,041	18,621,064	20,645,557	18,621,064	18,621,064	
2013 Consumption													
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
Total	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
2013 Cummulative													
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	
Total	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	
Change in Consumption													
Cubic Feet	(230,160)	(197,178)	(75,896)	(183,761)	(470,493)	(662,071)	(739,167)	(732,350)	(528,296)	(393,459)			
Total	**(230,160)**	**(197,178)**	**(75,896)**	**(183,761)**	**(470,493)**	**(662,071)**	**(739,167)**	**(732,350)**	**(528,296)**	**(393,459)**			
Total (AF)	**(5.28)**	**(4.53)**	**(1.74)**	**(4.22)**	**(10.80)**	**(15.20)**	**(16.97)**	**(16.81)**	**(12.13)**	**(9.03)**			
% Change	-10.18%	-10.10%	-4.12%	-8.75%	-20.01%	-23.84%	-23.65%	-23.81%	-17.89%	-16.27%			
Total	**-10.18%**	**-10.10%**	**-4.12%**	**-8.75%**	**-20.01%**	**-23.84%**	**-23.65%**	**-23.81%**	**-17.89%**	**-16.27%**			
Cummulative Change													
Cubic Feet	(230,160)	(427,338)	(503,234)	(686,995)	(1,157,488)	(1,819,559)	(2,558,726)	(3,291,076)	(3,819,372)	(4,212,831)			
Total	**(230,160)**	**(427,338)**	**(503,234)**	**(686,995)**	**(1,157,488)**	**(1,819,559)**	**(2,558,726)**	**(3,291,076)**	**(3,819,372)**	**(4,212,831)**			
Total (AF)	**(5.28)**	**(9.81)**	**(11.55)**	**(15.77)**	**(26.57)**	**(41.77)**	**(58.74)**	**(75.55)**	**(87.68)**	**(96.71)**			
% Cummulative Change	-10.18%	-10.14%	-8.31%	-8.42%	-11.01%	-13.69%	-15.59%	-16.89%	-17.02%	-16.95%			
Total	**-10.18%**	**-10.14%**	**-8.31%**	**-8.42%**	**-11.01%**	**-13.69%**	**-15.59%**	**-16.89%**	**-17.02%**	**-16.95%**			

Crestline Village Water District
Gallons Per Capita Daily Calculation

Calendar 2015

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Residential Services with 92325 Zip	2,627	2,618	2,631	2,639	2,644	2,652	2,634	2,656	2,673	2,680			
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	
Est. Full-Time Population	7,434	7,409	7,446	7,468	7,483	7,505	7,454	7,516	7,565	7,584			
Days Per Month	31	28	31	30	31	30	31	31	30	31	30	31	365
Gallons Water Produced	16,880,542	13,457,597	16,426,454	15,620,626	15,756,770	17,575,726	19,171,861	19,716,824	18,442,950	15,329,250	0	0	168,378,600
92325 Residential Water Usage (	1,366,525	1,219,853	1,240,834	1,318,864	1,261,004	1,403,292	1,501,209	1,512,834	1,554,560	1,364,184			
% Residential Water	67.29%	69.50%	70.18%	68.78%	67.05%	66.36%	62.90%	64.55%	64.13%	67.38%			
Gallons Per Capita Daily - 2015	**73.25**	**64.87**	**71.16**	**69.72**	**67.93**	**78.06**	**82.97**	**84.62**	**81.26**	**65.20**			
R - Gallons Per Capita Daily - 2015	**49.29**	**45.09**	**49.94**	**47.96**	**45.54**	**51.80**	**52.19**	**54.62**	**52.11**	**43.93**			

Calendar 2013

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
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 (	1,419,270	1,272,987	1,230,130	1,399,353	1,502,032	1,750,211	1,918,331	1,925,042	1,890,412	1,568,571	1,418,663	1,332,536	18,627,538
% Residential Water	62.77%	65.20%	66.71%	66.60%	63.89%	63.03%	61.37%	62.59%	64.03%	64.87%	68.85%	64.59%	64.27%
Gallons Per Capita Daily - 2013	**95.57**	**65.08**	**71.65**	**78.05**	**85.94**	**107.01**	**113.76**	**106.68**	**113.42**	**90.15**	**83.30**	**73.99**	**90.50**
R - Gallons Per Capita Daily - 2013	**59.99**	**42.43**	**47.79**	**51.98**	**54.91**	**67.45**	**69.81**	**66.77**	**72.62**	**58.48**	**57.35**	**47.79**	**58.16**
Change R-GPCD 2013-2015	**(10.70)**	**2.65**	**2.15**	**(4.02)**	**(9.37)**	**(15.65)**	**(17.63)**	**(12.15)**	**(20.51)**	**(14.55)**			
% Change	**-17.84%**	**6.25%**	**4.49%**	**-7.74%**	**-17.06%**	**-23.20%**	**-25.25%**	**-18.19%**	**-28.24%**	**-24.87%**			

DRINKING WATER INFORMATION CLEARINGHOUSE
DRINC PORTAL

Applications > Urban Water R-GPCD (https://drinc.ca.gov/dnn/Applications/UrbanWaterR-GPCD.aspx)

Residential gallons-per-capita-day (**R-GPCD**) is calculated using the formula below from monthly Monitoring Reports submitted by urban water suppliers as required under emergency regulation.

Monthly Water Production * Percentage Residential Use
(Population) * (Days in Month)

R-GPCD figures are compared with the 2013 baseline year's usage for the same period, the monthly average for the supplier's **hydrological region**, and the **statewide** average. Only suppliers with a calculated R-GPCD between 25 and 1000 are used in calculation of averages. For questions on this application, please contact the **DRINC Portal Administrator (mailto:drinc@cdph.ca.gov? subject=GPCD)**.

Save Our WATER (http://saveourwater.com/)

The California Water Plan Update BULLETIN 160-98

FIGURE ES1-2.
California's Hydrologic Regions

North Coast

North Lahontan

Sacramento River

San Francisco Bay

San Joaquin River

Central Coast

Tulare Lake

South Lahontan

South Coast

Colorado River

ES1-5   INTRODUCTION

Urban water suppliers are required to report by the 15th of each month the previous month's water usage. To view urban water supplier usage by Supplier, Hydrological Region, and State, select from the drop-down list below.

Crestline Village Water District (623)   ▼

Cumulative State urban water use reduction since June 2015: 28.1 %

Crestline Village Water District Water Use Reduction
From 2013 Year Baseline and Other Averages by Month

Legend:
- Supplier 2014/2015
- South Lahontan Region
- Statewide
- All 8% Standard Tier
- Conservation Standard

Cumulative Supplier water use reduction since June 2015: 24.0 %

Crestline Village Water District (623) Population: 7584
Calculated Residential Gallons-per-Capita-Day (R-GPCD)
and Other Averages by Month

Legend:
- Supplier 2013
- Supplier 2014/2015
- South Lahontan Region
- Statewide

Source: DRINC Portal (drinc.ca.gov) Urban Water Supplier Monitoring Reports (Nov 2015)

These charts are generated dynamically from the production data set. To download a spreadsheet of the data, please click HERE (http://www.waterboards.ca.gov/waterrights/water_issues/programs/drought/conservation A "0" on the bottom chart indicates that a report has not been submitted for that month. The charts may not display properly using the Chrome browser.
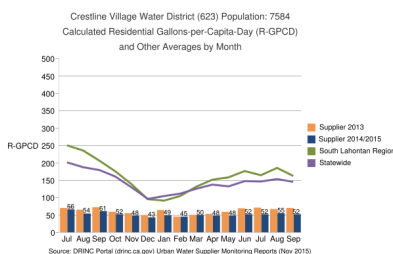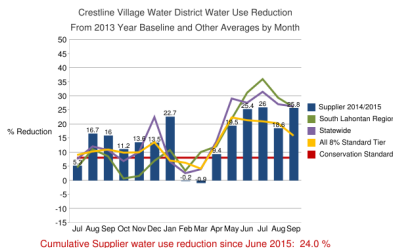
It is not appropriate to use R-GPCD water use data for comparisons across water suppliers unless all relevant factors are accounted for. Factors that can affect per capita water usage include:

- Rainfall, temperature and evaporation rates – Precipitation and temperature varies widely across the state. Areas with high temperature and low rainfall need to use more water to maintain outdoor landscaping. Even within the same hydrological region or the same water supply district, these factors can vary considerably having a significant effect on the amount of water needed to maintain landscapes.
- Population growth – As communities grow, new residential dwellings are constructed with more efficient plumbing fixtures, which cause interior water use to decline per person as compared to water use in older communities. Population growth also increases overall demand.
- Population density – highly urbanized areas with high population densities use less water per person than do more rural or suburban areas since high density dwellings tend to have shared outdoor spaces and there is less landscaped area per person that needs to be irrigated.
- Socio-economic measures such as lot size and income – Areas with higher incomes generally use more water than areas with lower incomes. Larger landscaped residential lots that require more water are often associated with more affluent communities. Additionally, higher income households may be less sensitive to the cost of water, since it represents a smaller portion of household income.
- Water prices – Water prices can influence demand by providing a monetary incentive for customers to conserve water. Rate structures have been established in many districts for water conservation, but the effectiveness of these rate structures to deter excessive use and customer sensitivity to water prices vary.