

**Crestline Village Water District
Source of Supply Production Report
System Loss - Last 13 Months
In Cubic Feet**

09/15/16

	August	Sept	Oct	Nov	Dec	Jan '16	Feb	Mar	Apr	May	June	July	August	Total
Sources of Supply														
Wells	961,233	732,548	837,185	852,555	762,290	732,462	761,607	710,788	766,045	730,757	889,923	768,682	915,107	10,421,182
Purchased Water	1,674,706	1,733,087	1,212,180	1,297,740	1,170,642	1,113,770	1,062,981	1,245,041	1,069,759	903,196	2,075,267	2,326,512	1,989,344	18,874,225
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Supplied	2,635,939	2,465,635	2,049,365	2,150,295	1,932,932	1,846,232	1,824,588	1,955,829	1,835,804	1,633,953	2,965,190	3,095,194	2,904,451	29,295,407
Water Used **														
Metered Accounts														
Crestline Area	1,154,099	1,047,264	949,866	915,117	916,098	752,261	923,471	868,251	874,686	833,013	1,337,363	1,349,820	1,225,532	13,146,841
Lake Gregory Area	1,189,430	1,332,347	1,042,965	1,338,815	957,528	881,270	1,026,174	929,813	915,873	844,358	1,263,358	1,456,293	1,412,630	14,590,854
Change in Storage	(34,387)	98,916	(76,490)	28,149	(52,991)	64,800	(6,116)	43,622	(14,604)	(64,285)	63,211	39,580	(38,244)	51,161
Flushing, System & Other	17,845	15,739	16,639	17,113	23,366	68,699	14,439	36,219	17,589	16,751	16,052	14,609	15,269	290,328
Accounted for Water	2,326,987	2,494,266	1,932,980	2,299,194	1,844,001	1,767,030	1,957,968	1,877,905	1,793,544	1,629,837	2,679,984	2,860,302	2,615,187	28,079,184
System Loss (CF)	308,952	(28,631)	116,385	(148,899)	88,931	79,202	(133,380)	77,924	42,260	4,116	285,206	234,892	289,264	1,216,223
System Loss (%)	11.7%	-1.2%	5.7%	-6.9%	4.6%	4.3%	-7.3%	4.0%	2.3%	0.3%	9.6%	7.6%	10.0%	4.2%
System Loss (GPM)	51.8	(5.0)	20.2	(24.9)	14.9	15.2	(21.0)	13.1	7.3	0.8	43.6	38.1	50.1	17.3
Month to Month Averaging ***														
System Loss (CF)	154,476	140,160	43,877	(16,257)	(29,984)	84,067	(27,089)	(27,728)	60,092	23,188	144,661	260,049	262,078	1,071,590
System Loss (%)	5.9%	5.3%	2.3%	-0.6%	-1.2%	4.4%	-1.5%	-1.7%	3.1%	1.3%	4.9%	8.6%	8.8%	3.7%
System Loss (GPM)	25.9	23.4	7.6	(2.4)	(5.0)	15.1	(2.9)	(4.0)	10.2	4.1	22.2	40.9	44.1	15.2
Estimated Uses														
Known leaks - Est. loss	11,278	3,826	6,786	32,947	1,348	802	16,460	2,005	1,334	0	37,656	18,048	7,580	140,070
Total Estimated Uses	11,278	3,826	6,786	32,947	1,348	802	16,460	2,005	1,334	0	37,656	18,048	7,580	140,070
Unaccounted for Water (CF)	297,674	(32,457)	109,599	(181,846)	87,584	78,400	(149,840)	75,919	40,926	4,116	247,551	216,844	281,684	1,076,153
Unaccounted For (%)	11.3%	-1.3%	5.4%	-8.5%	4.5%	4.3%	-8.2%	3.9%	2.2%	0.3%	8.4%	7.0%	9.7%	3.7%
Unaccounted For (GPM)	49.9	(5.6)	19.0	(30.5)	14.7	15.1	(23.6)	12.7	7.1	0.8	37.8	35.2	48.8	15.3
Number of Days in Period	31	30	30	31	31	27	33	31	30	27	34	32	30	366

NOTES:

Estimated - Includes estimated billing period. This month includes estimated consumption. The following billing period will reflect adjustments to actual water used.

* - Currently there are no Adjustments to Wells being made.

** - Water Used - Metered Accounts is adjusted to the time period in Total Water Supplied

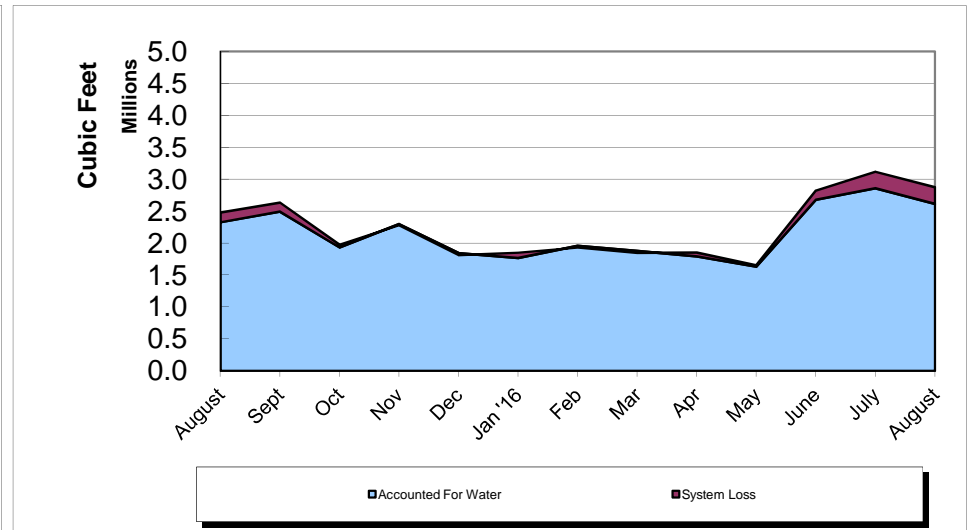
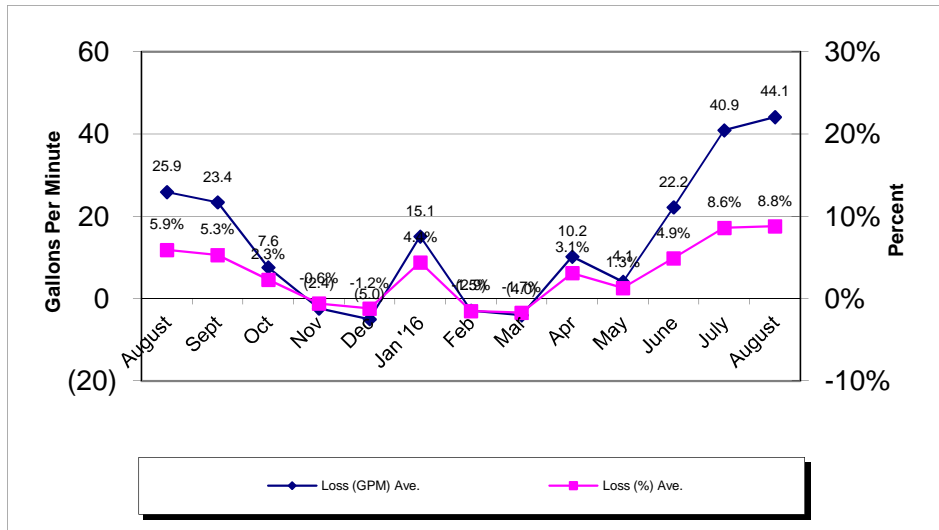
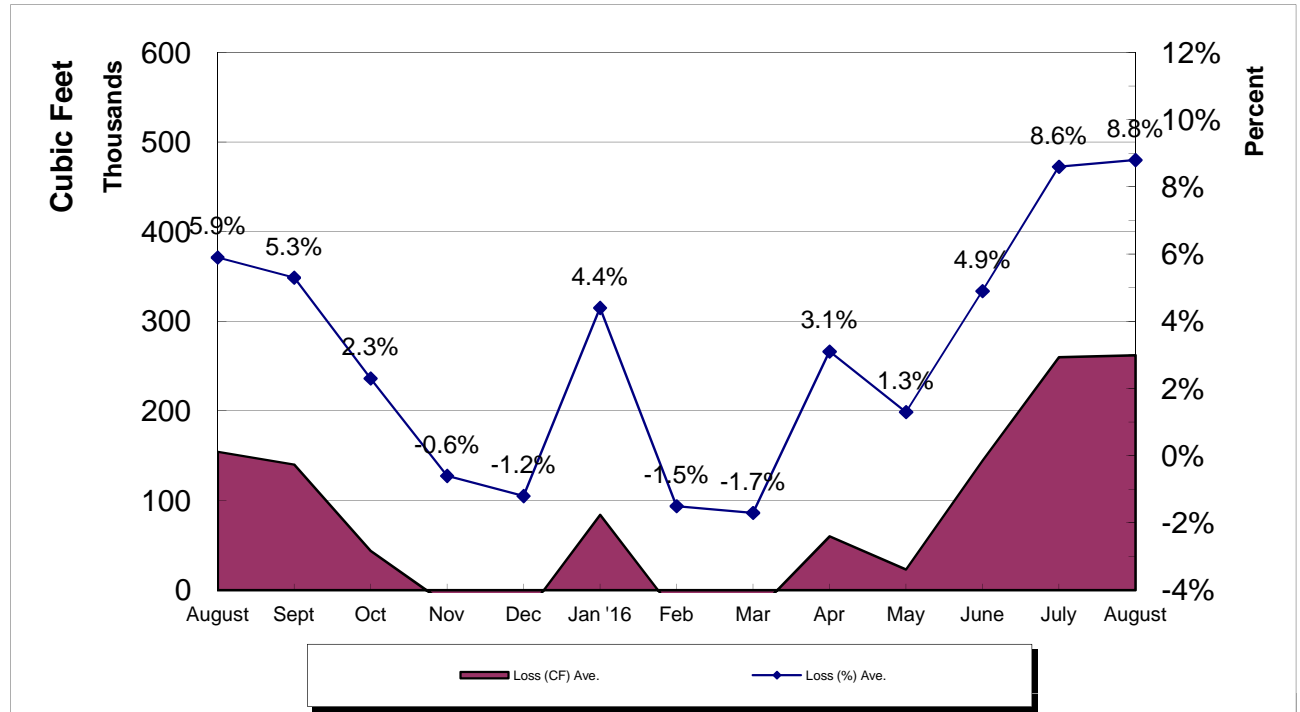
*** - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$6,919	\$2,176
Cost of 5% System Loss:	3,834	2,975
Amount above (below) 5% System Loss	\$3,085	(\$799)
Note: Cost is calculated at highest cost (CLAWA Rate: \$2.64/100 c.f.)		

Crestline Village Water District

System Loss Last 13 Months

With Month to Month Averaging



Crestline Village Water District
System Report on: 08/31/16

For Month of: August 2016

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,754	19.00	318,326	82.61%
Saxon	337,674	14,681	17.00	249,577	73.91%
Pinecrest I & II	2,063,492	54,302	33.70	1,829,977	88.68%
Zurich	380,500	16,910	19.80	334,818	87.99%
Lakeview	1,230,212	27,959	37.50	1,048,463	85.23%
Old Mill	705,900	27,150	22.00	597,300	84.62%
Barn	444,443	19,753	18.10	357,529	80.44%
Wilson	983,681	33,920	20.10	681,792	69.31%
Chillon	337,674	14,681	17.80	261,322	77.39%
Brookside	748,067	28,772	23.90	687,651	91.92%
Chamois	1,026,532	39,482	21.80	860,708	83.85%
Total	8,643,529		250.70	7,227,463	83.62%

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	49,873	On
Pioneer-2	33,624	On
Pioneer-1	22,175	On
Old Mill Springs	13,480	On
Maple Springs	1,958	Off
Willow Springs	0	Off
Brookside Springs	5,130	On
Hillside Springs	0	Off
Pinecrest 1 & 2	11,780	On
Pinecrest Vertical	96,020	On
Cypress Vertical	86,590	On
Anderson Vertical	107,490	On
Wilson Springs 1 & 2	61,273	On
Wilson Vertical	111,700	On
Felsen Vertical	178,237	On
Horst	28,170	On
Jewel 64	62,466	On
Cathcart	16,704	On
Bergschrund	155	Off
Chamois	0	Off
Chamois Vertical	26,960	On
	0	0
	0	0
	0	0
Lewter	1,322	Off
Total	915,107	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	58	60	(2)	-3.33%	338,636
Mile High 2"	0	0	0	0.00%	0
Mile High 4"	48	50	(2)	-4.00%	287,834
Pinecrest 2"	0	0	0	0.00%	0
Pinecrest 4"	231	250	(19)	-7.60%	1,289,171
Lake Drive 2"	0	0	0	0.00%	5,254
Lake Drive 4"	0	0	0	0.00%	0
Camp Seely	100	100	0	0.00%	68,449
Total	337	360	(23)	-6.39%	1,989,344

August Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	280.6	1,620,578		161.1	930,417
Actual M-T-D:	344.5	1,989,344		158.5	915,107
Over/(Under) Last Year:	63.9	368,766.0		(2.6)	(15,310.0)

Total	GPM	Cubic Feet
Last Year M-T-D:	441.7	2,550,995
Actual M-T-D:	502.9	2,904,451
Over/(Under) Last Year:	61.2	353,456.0

Crestline Village Water District
Source of Supply Production Report
Cubic Feet
Last 13 Months

09/15/16

<u>Source Name</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January '16</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>Last 12 Months</u>	<u>13 Months</u>
Division 10															
Altdorf	56,285	54,015	53,232	54,980	55,759	51,088	59,530	62,225	55,446	51,632	59,926	54,522	49,873	662,228	718,513
Pioneer #2	39,978	38,439	37,606	38,436	38,131	32,996	34,008	37,026	34,391	32,876	39,268	36,444	33,624	433,245	473,223
Pioneer #1	28,202	26,813	26,155	26,353	26,005	26,435	31,125	29,380	26,113	24,162	27,775	24,745	22,175	317,236	345,438
Old Mill Springs	12,640	5,860	0	0	0	0	0	0	0	0	15,510	15,990	13,480	50,840	63,480
Maple Springs	8,280	2,745	1,300	3,153	985	1,616	1,229	171	171	0	1,879	1,350	1,958	16,557	24,837
Willow Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brookside Springs	8,020	0	0	0	0	0	0	0	0	0	11,510	9,830	5,130	26,470	34,490
Hillside Springs	5,740	5,230	4,820	4,670	4,660	3,290	3,440	4,180	2,470	5,210	2,550	0	0	40,520	46,260
Pinecrest	11,340	8,990	7,630	6,170	4,650	4,360	7,870	10,470	11,830	12,430	15,680	14,050	11,780	115,910	127,250
Pinecrest Vertical	129,720	117,560	88,620	106,020	96,870	88,210	87,560	45,680	103,930	95,570	48,930	0	96,020	974,970	1,104,690
Cypress Vertical	78,150	7,270	123,480	98,280	92,760	84,370	84,340	91,040	52,850	113,710	99,000	93,510	86,590	1,027,200	1,105,350
Anderson Vertical	44,700	12,600	900	0	8,000	21,900	8,875	400	8,545	517	97,688	120,567	107,490	387,482	432,182
Division 10 Totals	423,055	279,522	343,743	338,062	327,820	314,265	317,977	280,572	295,746	336,107	419,716	371,008	428,120	4,052,658	4,475,713
Division 20															
Wilson Springs #1 & 2	74,192	67,937	66,926	67,493	62,969	54,699	57,492	61,489	57,211	56,677	69,321	65,038	61,273	748,525	822,717
Wilson Vertical	118,900	65,100	113,100	114,300	77,520	97,800	100,700	109,400	80,300	45,800	96,300	114,300	111,700	1,126,320	1,245,220
Felsen Vertical	172,150	154,910	152,920	167,800	137,980	125,550	135,470	96,670	207,470	123,870	132,060	67,434	178,237	1,680,371	1,852,521
Horst	37,334	35,152	34,460	34,438	33,145	28,044	29,747	32,131	29,432	28,761	33,696	30,771	28,170	377,947	415,281
Jewell No. 64	69,751	67,354	65,441	70,324	65,524	60,948	62,581	67,728	40,156	84,564	73,993	64,965	62,466	786,044	855,795
Cathcart	18,862	18,517	17,747	16,664	16,288	14,228	19,217	20,634	18,210	17,363	20,096	18,274	16,704	213,942	232,804
Bergschrund	6,290	5,197	4,468	3,792	2,982	2,142	2,908	3,053	2,524	2,134	1,937	977	155	32,269	38,559
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	36,420	34,870	34,350	35,440	33,970	31,130	31,610	34,940	32,580	30,860	37,860	34,760	26,960	399,330	435,750
Valle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chillon 64 (stand-by)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Government	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lewter	4,279	3,989	4,030	4,242	4,092	3,656	3,905	4,171	2,416	4,621	4,944	1,155	1,322	42,543	46,822
Division 20 Totals	538,178	453,026	493,442	514,493	434,470	418,197	443,630	430,216	470,299	394,650	470,207	397,674	486,987	5,407,291	5,945,469
Total District Sources	961,233	732,548	837,185	852,555	762,290	732,462	761,607	710,788	766,045	730,757	889,923	768,682	915,107	9,459,949	10,421,182
C.L.A.W.A.															
Crest Forest 6"	402,005	437,299	362,701	309,759	315,642	303,610	299,064	350,000	327,005	305,481	392,647	369,786	338,636	4,111,630	4,513,635
Mile High Park 2"	241,150	217,580	193,182	173,409	169,171	154,679	162,032	176,190	163,342	33,864	0	0	0	1,443,449	1,684,599
Mile High Park 4"	0	27,807	0	0	0	0	0	0	0	118,449	254,545	339,305	287,834	1,027,940	1,027,940
Pinecrest 2"	0	0	1,618	0	0	0	13	0	0	89,813	0	0	0	91,444	91,444
Pinecrest 4"	985,695	973,396	631,551	764,572	685,829	631,952	581,283	692,781	555,214	270,588	1,337,433	1,449,332	1,289,171	9,863,102	10,848,797
Lake Drive 2"	0	0	0	0	0	0	0	0	0	11,070	0	102,447	5,254	118,771	118,771
Lake Drive 4"	0	0	0	0	0	0	134	0	0	28,075	0	0	0	28,209	28,209
Camp Seely	45,856	77,005	23,128	50,000	0	23,529	20,455	26,070	24,198	45,856	90,642	65,642	68,449	514,974	560,830
C.L.A.W.A. Totals	1,674,706	1,733,087	1,212,180	1,297,740	1,170,642	1,113,770	1,062,981	1,245,041	1,069,759	903,196	2,075,267	2,326,512	1,989,344	17,199,519	18,874,225
Grand Totals	2,635,939	2,465,635	2,049,365	2,150,295	1,932,932	1,846,232	1,824,588	1,955,829	1,835,804	1,633,953	2,965,190	3,095,194	2,904,451	26,659,468	29,295,407

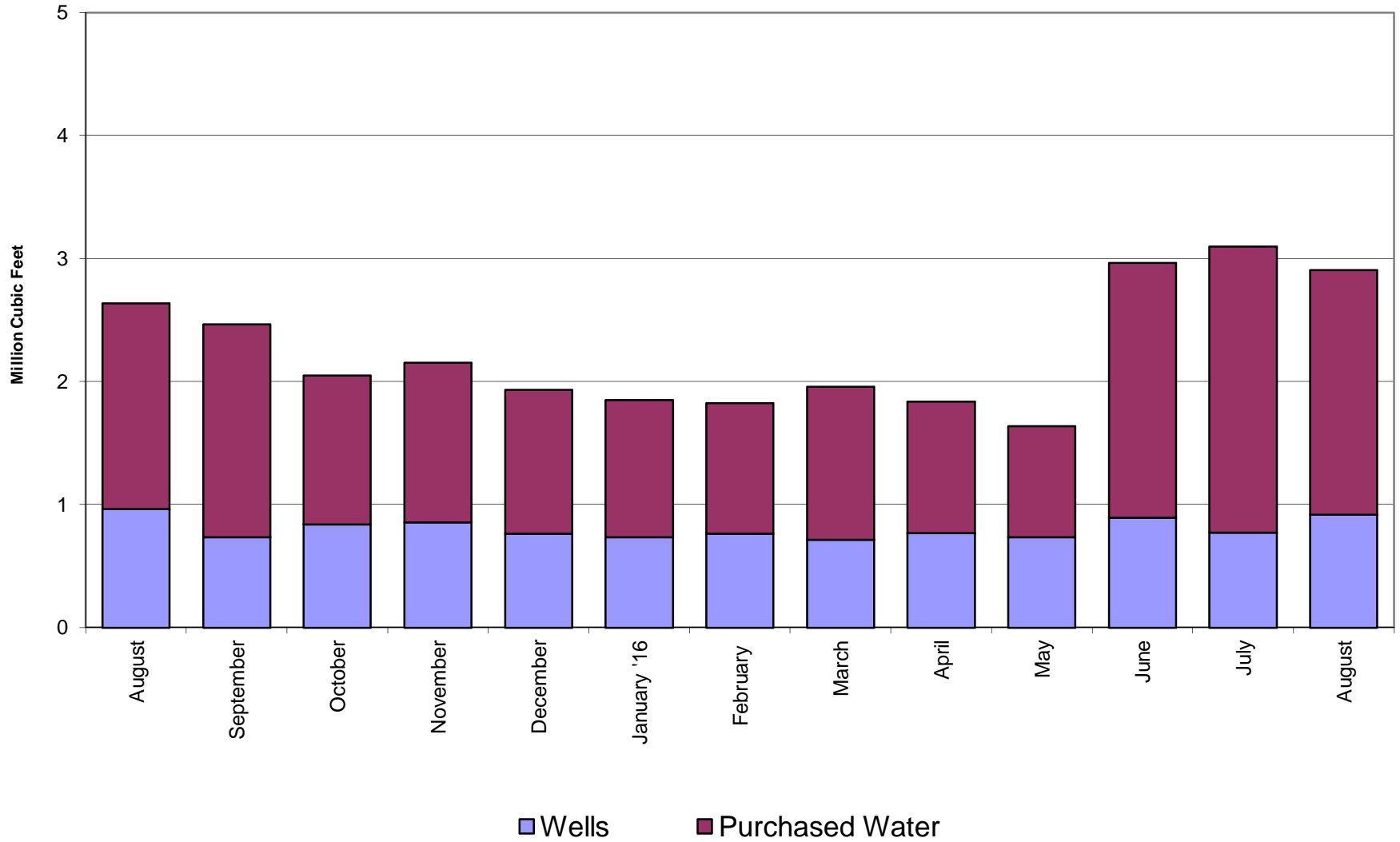
**Crestline Village Water District
Source of Supply Production Report
Cubic Feet
Last 13 Months**

09/15/16

<u>Source Name</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January '16</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>Last 12 Months</u>	<u>13 Months</u>
District Sources															
Division 10	423,055	279,522	343,743	338,062	327,820	314,265	317,977	280,572	295,746	336,107	419,716	371,008	428,120	4,052,658	4,475,713
Division 20	538,178	453,026	493,442	514,493	434,470	418,197	443,630	430,216	470,299	394,650	470,207	397,674	486,987	5,407,291	5,945,469
Total	961,233	732,548	837,185	852,555	762,290	732,462	761,607	710,788	766,045	730,757	889,923	768,682	915,107	9,459,949	10,421,182
Division 10	44.01%	38.16%	41.06%	39.65%	43.00%	42.91%	41.75%	39.47%	38.61%	45.99%	47.16%	48.27%	46.78%	42.84%	42.95%
Division 20	55.99%	61.84%	58.94%	60.35%	57.00%	57.09%	58.25%	60.53%	61.39%	54.01%	52.84%	51.73%	53.22%	57.16%	57.05%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
All Sources															
District Sources	961,233	732,548	837,185	852,555	762,290	732,462	761,607	710,788	766,045	730,757	889,923	768,682	915,107	9,459,949	10,421,182
C.L.A.W.A.	1,674,706	1,733,087	1,212,180	1,297,740	1,170,642	1,113,770	1,062,981	1,245,041	1,069,759	903,196	2,075,267	2,326,512	1,989,344	17,199,519	18,874,225
Total Sources	2,635,939	2,465,635	2,049,365	2,150,295	1,932,932	1,846,232	1,824,588	1,955,829	1,835,804	1,633,953	2,965,190	3,095,194	2,904,451	26,659,468	29,295,407
District Sources	36.47%	29.71%	40.85%	39.65%	39.44%	39.67%	41.74%	36.34%	41.73%	44.72%	30.01%	24.83%	31.51%	35.48%	35.57%
C.L.A.W.A.	63.53%	70.29%	59.15%	60.35%	60.56%	60.33%	58.26%	63.66%	58.27%	55.28%	69.99%	75.17%	68.49%	64.52%	64.43%
Total Sources	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

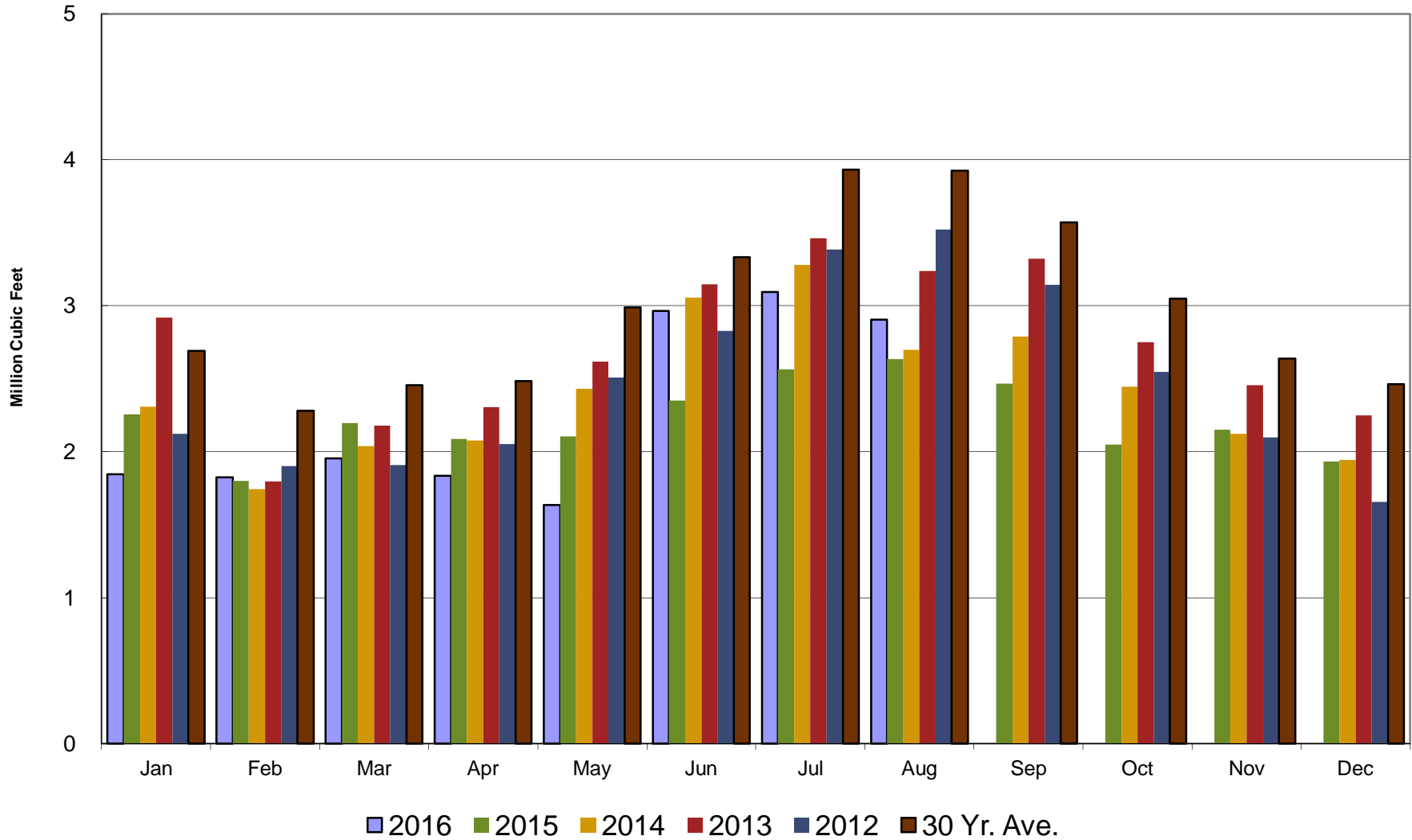
Crestline Village Water District

Water Sources - Last 13 Months



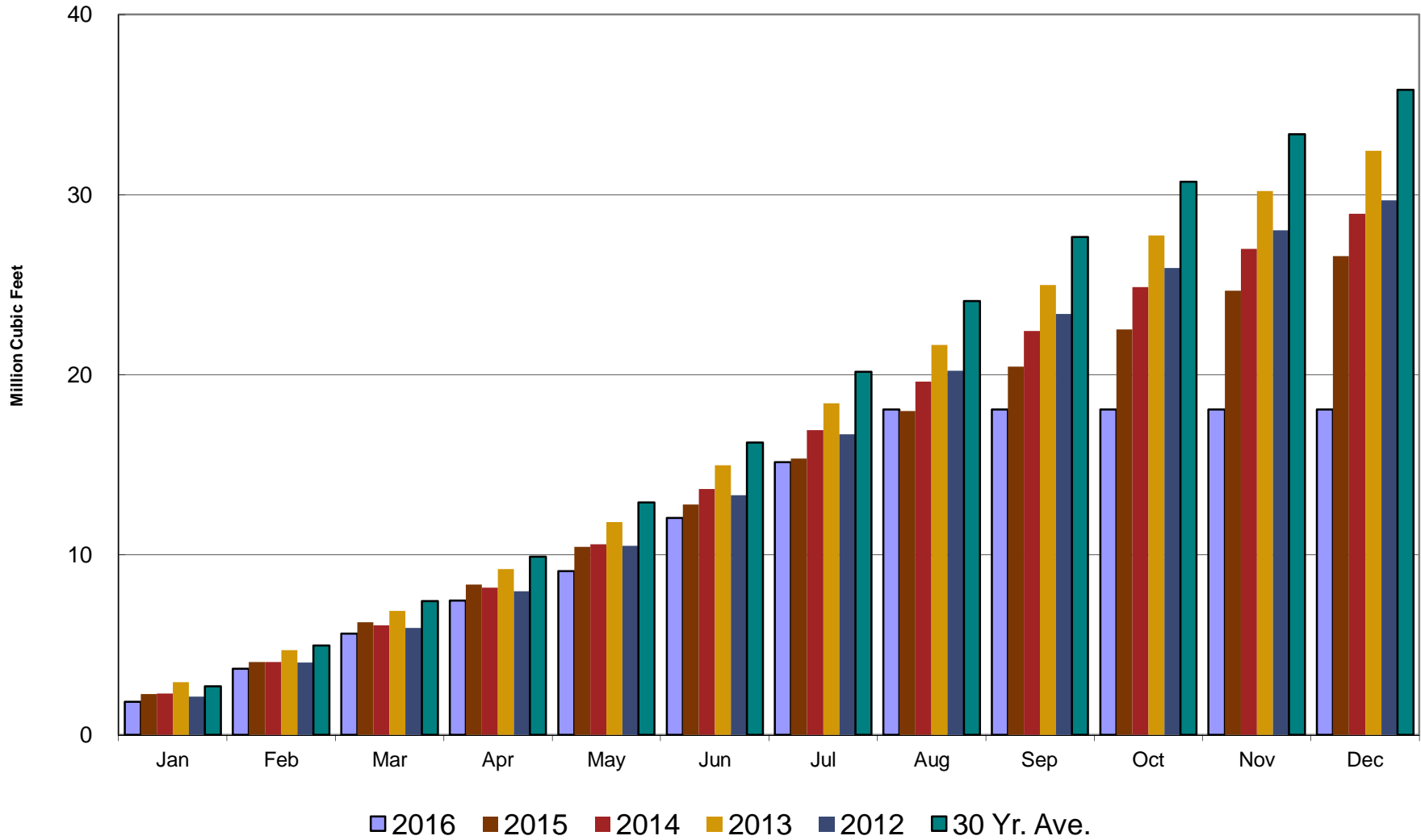
Crestline Village Water District

Total Production by Month



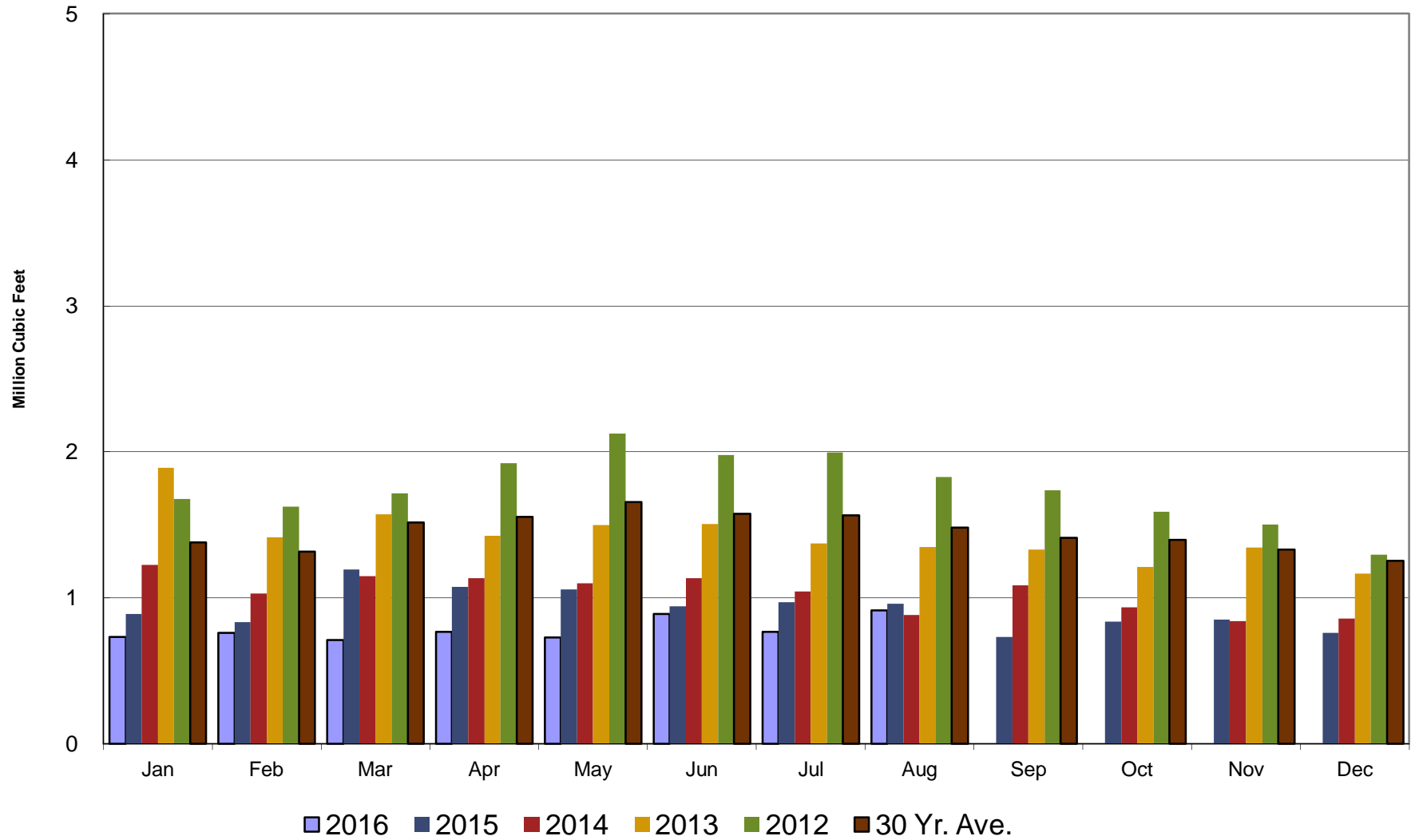
Crestline Village Water District

Total Production Cumulative



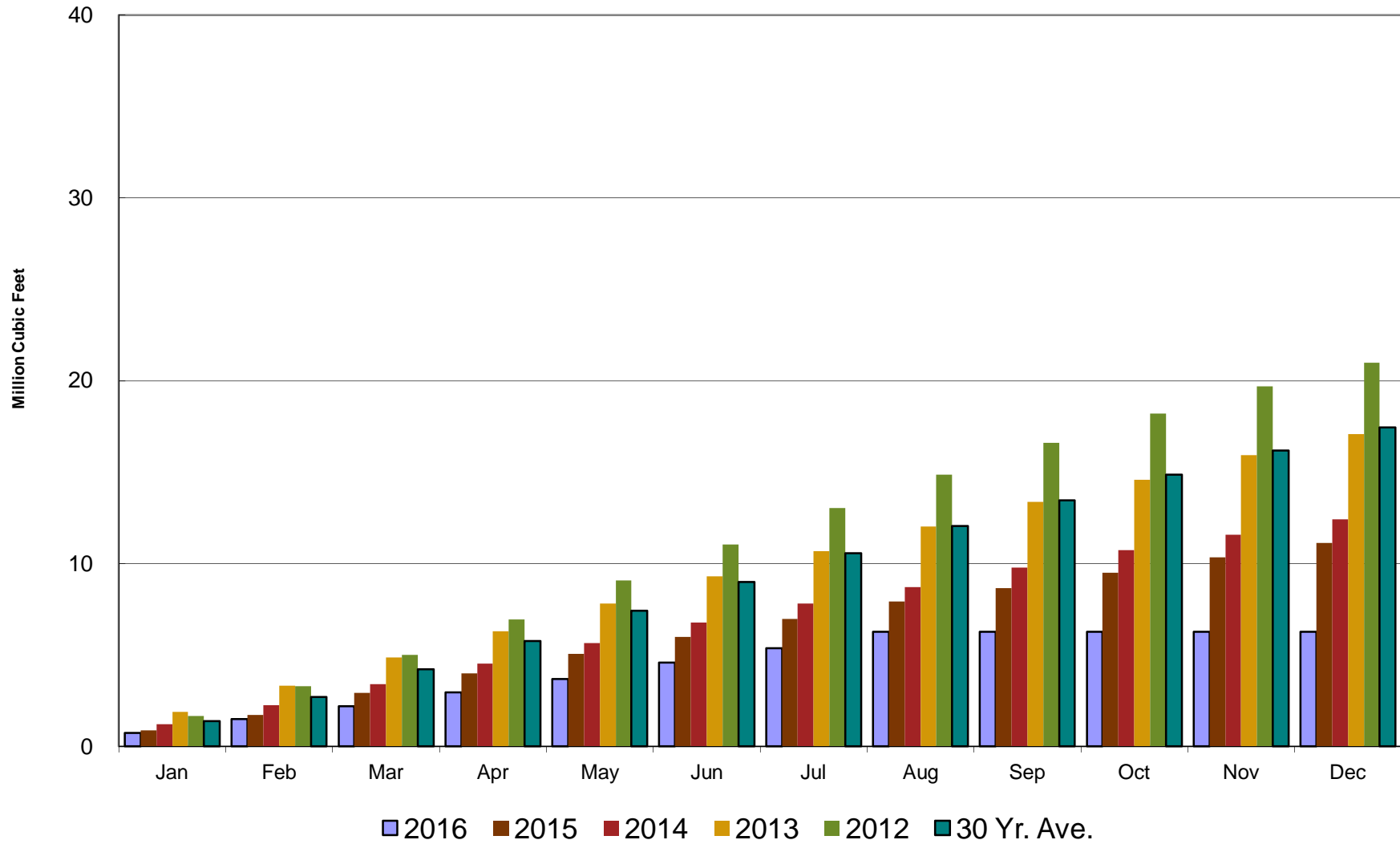
Crestline Village Water District

Well Production by Month



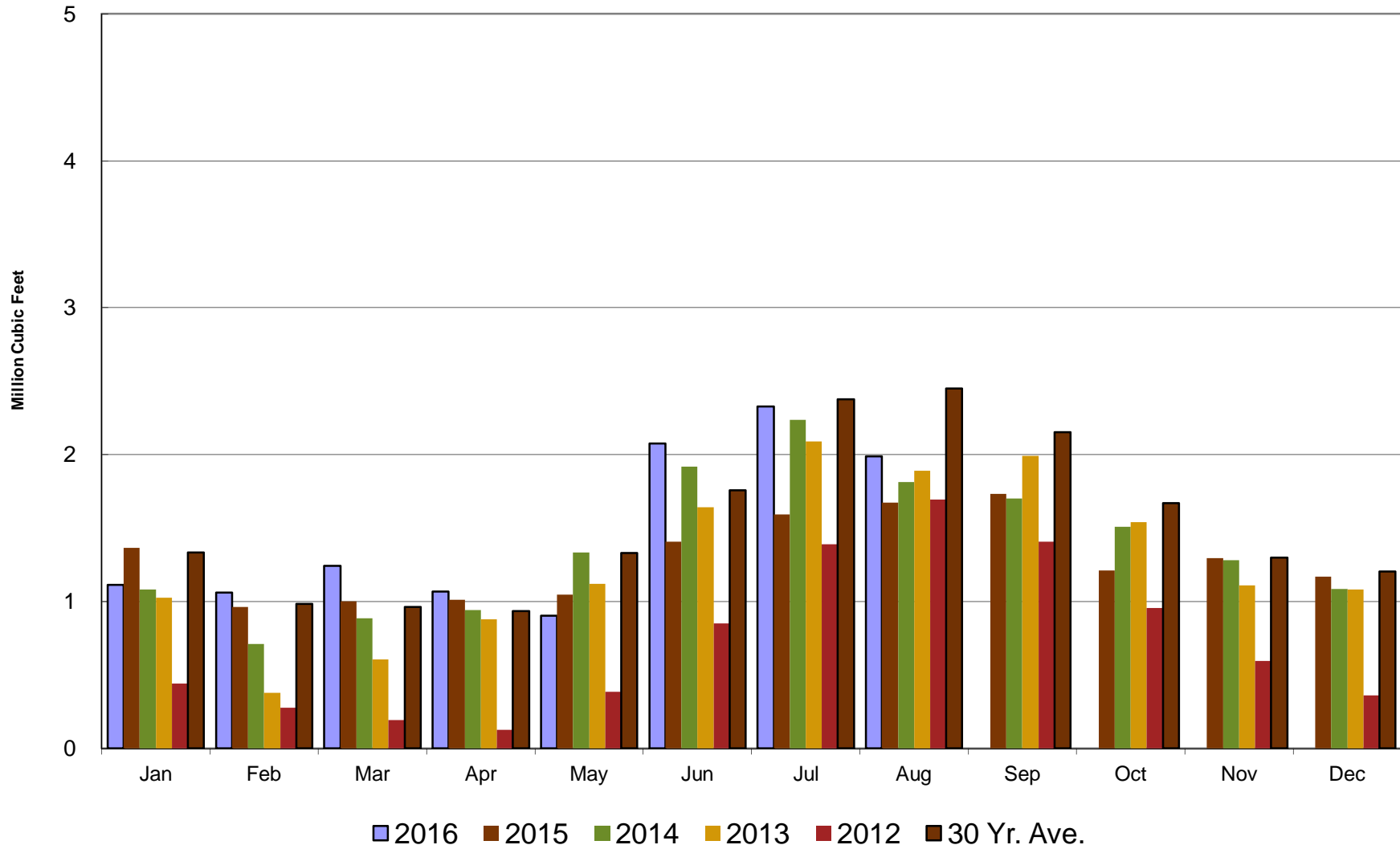
Crestline Village Water District

Well Production Cumulative



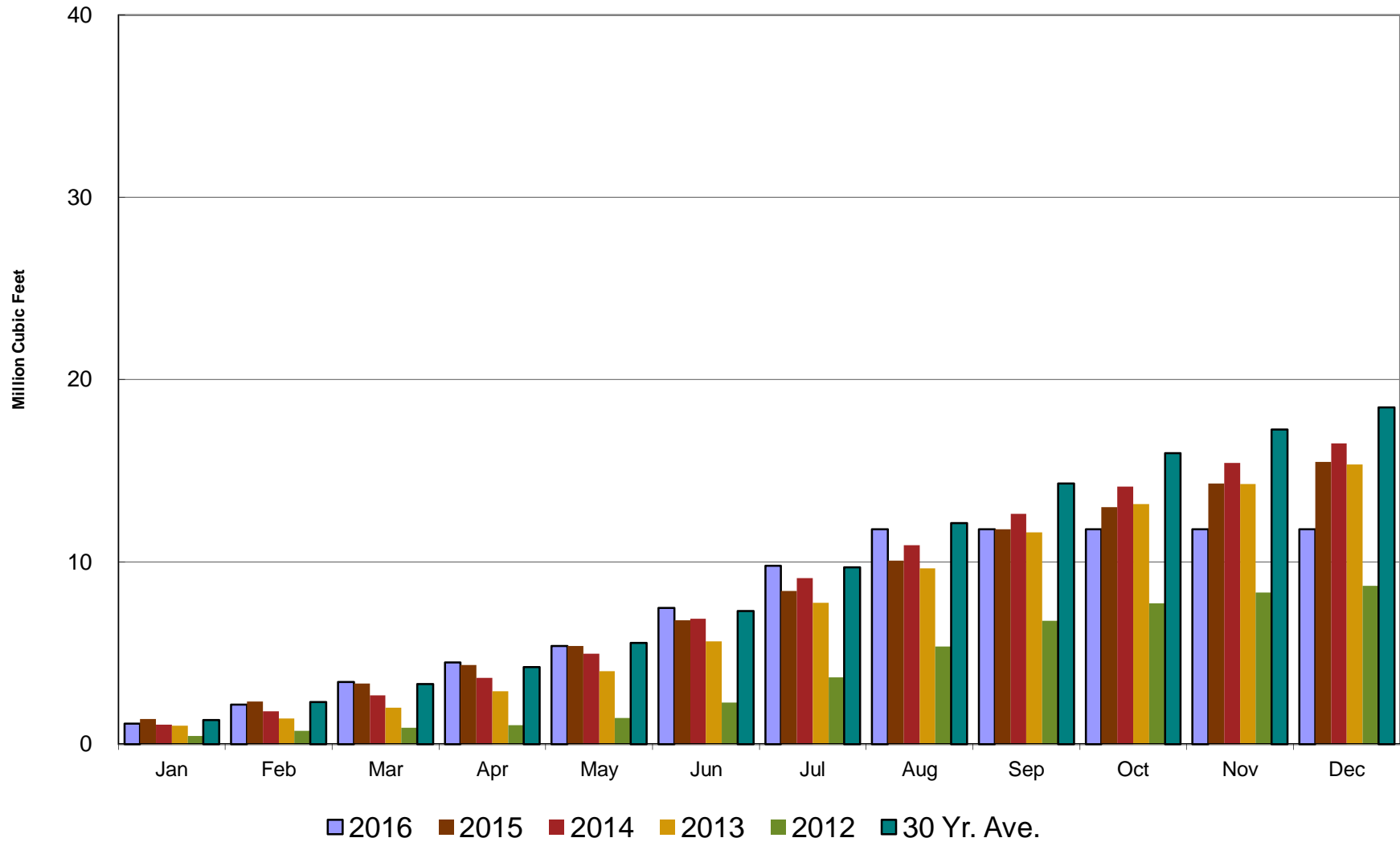
Crestline Village Water District

Purchased Water by Month



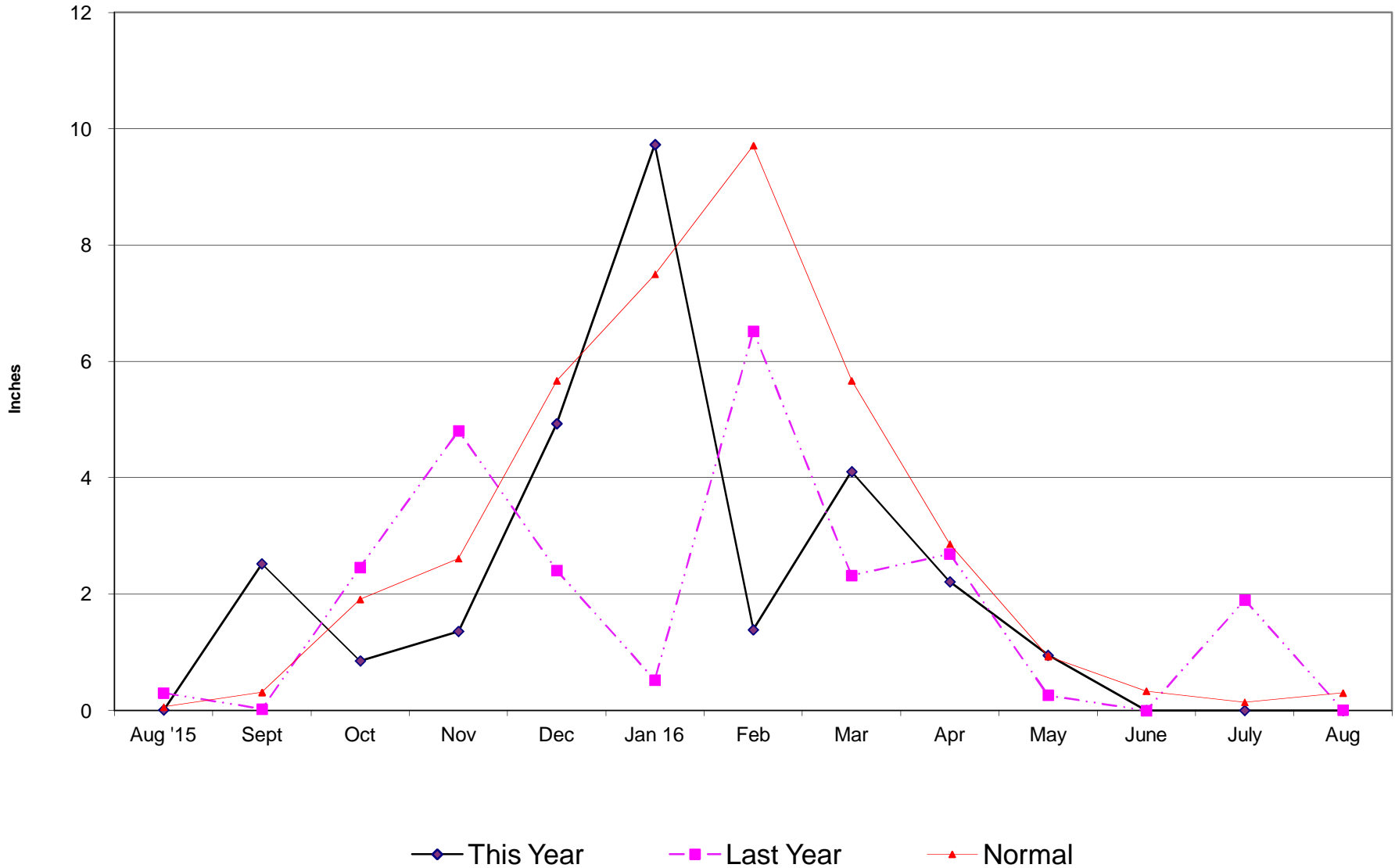
Crestline Village Water District

Purchased Water Cumulative



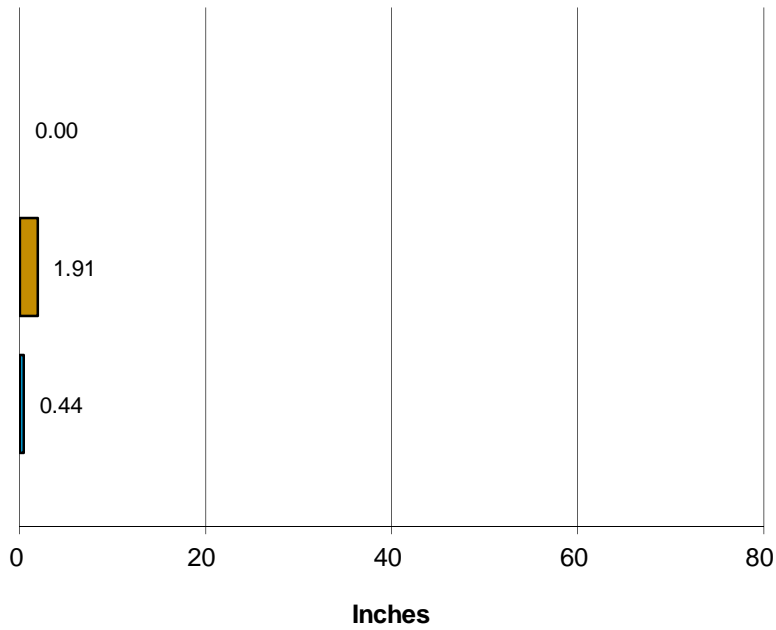
Crestline Village Water District

Rainfall - Last 13 Months



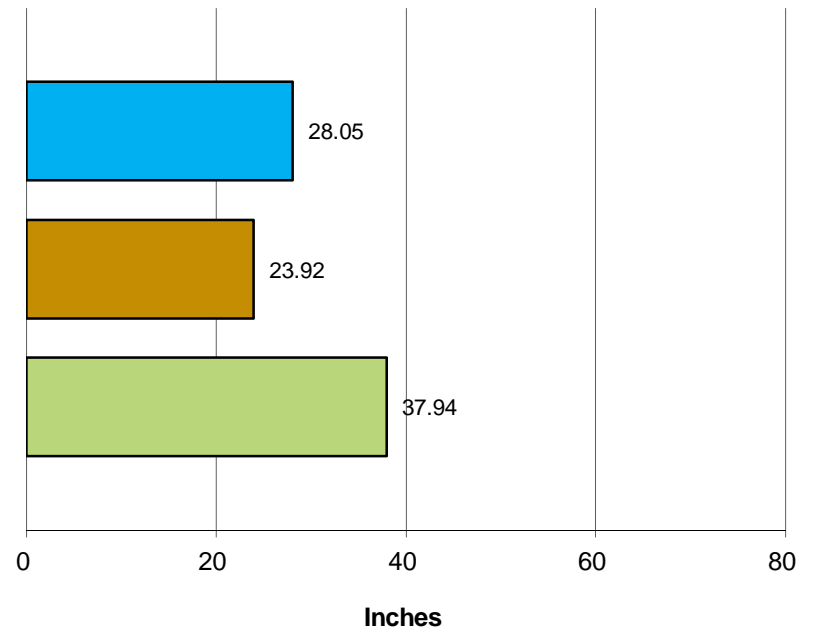
Crestline Village Water District

Total Rainfall July 1, 2016 to Beginning of Current Month



■ This Year ■ Last Year ■ Normal

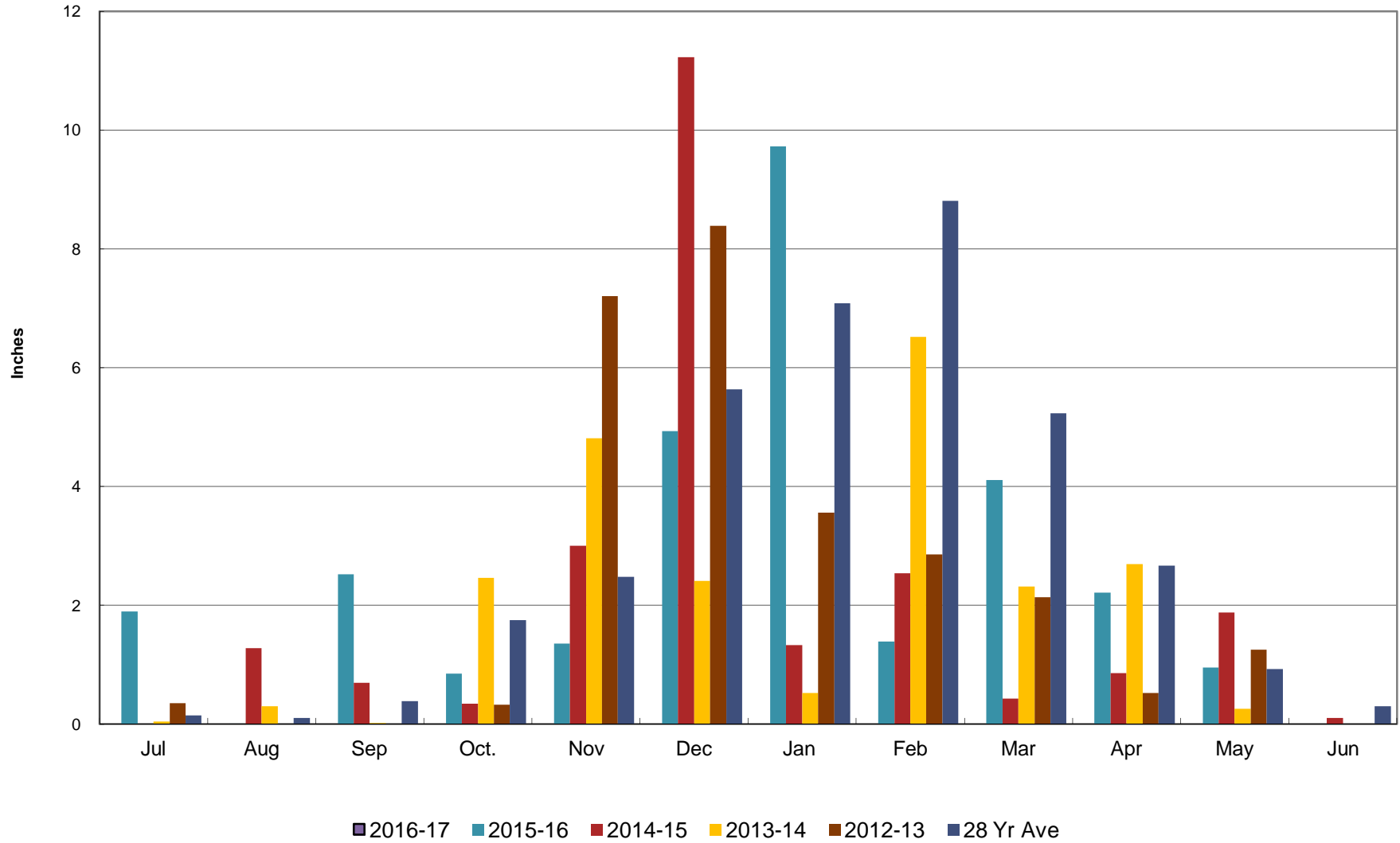
Total Rainfall Last 12 Months



■ This Year ■ Last Year ■ Normal

Crestline Village Water District

Rainfall by Month



Crestline Village Water District

Rainfall Cumulative

