

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

10/14/16

	Sept	Oct	Nov	Dec	Jan '16	Feb	Mar	Apr	May	June	July	August	September	Total
Sources of Supply														
Wells	732,548	837,185	852,555	762,290	732,462	761,607	710,788	766,045	730,757	889,923	768,682	915,107	765,105	10,225,054
Purchased Water	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	1,942,165	19,141,684
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Supplied	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	2,707,270	29,366,738
Water Used **														
Metered Accounts														
Crestline Area	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	1,159,217	13,151,959
Lake Gregory Area	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	1,298,386	14,699,810
Change in Storage	98,916	(76,490)	28,149	(52,991)	64,800	(6,116)	43,622	(14,604)	(64,285)	63,211	39,580	(38,244)	(5,327)	80,221
Flushing, System & Other	15,739	16,639	17,113	23,366	68,699	14,439	36,219	17,589	16,751	16,052	14,609	15,269	15,829	288,312
Accounted for Water	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	2,468,105	28,220,302
System Loss (CF)	(28,631)	116,385	(148,899)	88,931	79,202	(133,380)	77,924	42,260	4,116	285,206	234,892	289,264	239,165	1,146,436
System Loss (%)	-1.2%	5.7%	-6.9%	4.6%	4.3%	-7.3%	4.0%	2.3%	0.3%	9.6%	7.6%	10.0%	8.8%	3.9%
System Loss (GPM)	(5.0)	20.2	(24.9)	14.9	15.2	(21.0)	13.1	7.3	0.8	43.6	38.1	50.1	41.4	16.2
Month to Month Averaging ***														
System Loss (CF)	(14,316)	43,877	(16,257)	(29,984)	84,067	(27,089)	(27,728)	60,092	23,188	144,661	260,049	262,078	264,215	1,026,853
System Loss (%)	-0.6%	2.3%	-0.6%	-1.2%	4.4%	-1.5%	-1.7%	3.1%	1.3%	4.9%	8.6%	8.8%	9.4%	3.5%
System Loss (GPM)	(2.5)	7.6	(2.4)	(5.0)	15.1	(2.9)	(4.0)	10.2	4.1	22.2	40.9	44.1	45.7	14.5
Estimated Uses														
Known leaks - Est. loss	3,826	6,786	32,947	1,348	802	16,460	2,005	1,334	0	37,656	18,048	7,580	3,850	132,642
Total Estimated Uses	3,826	6,786	32,947	1,348	802	16,460	2,005	1,334	0	37,656	18,048	7,580	3,850	132,642
Unaccounted for Water (CF)	(32,457)	109,599	(181,846)	87,584	78,400	(149,840)	75,919	40,926	4,116	247,551	216,844	281,684	235,315	1,013,794
Unaccounted For (%)	-1.3%	5.4%	-8.5%	4.5%	4.3%	-8.2%	3.9%	2.2%	0.3%	8.4%	7.0%	9.7%	8.7%	3.5%
Unaccounted For (GPM)	(5.6)	19.0	(30.5)	14.7	15.1	(23.6)	12.7	7.1	0.8	37.8	35.2	48.8	40.7	14.3
Number of Days in Period	30	30	31	31	27	33	31	30	27	34	32	30	30	367

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

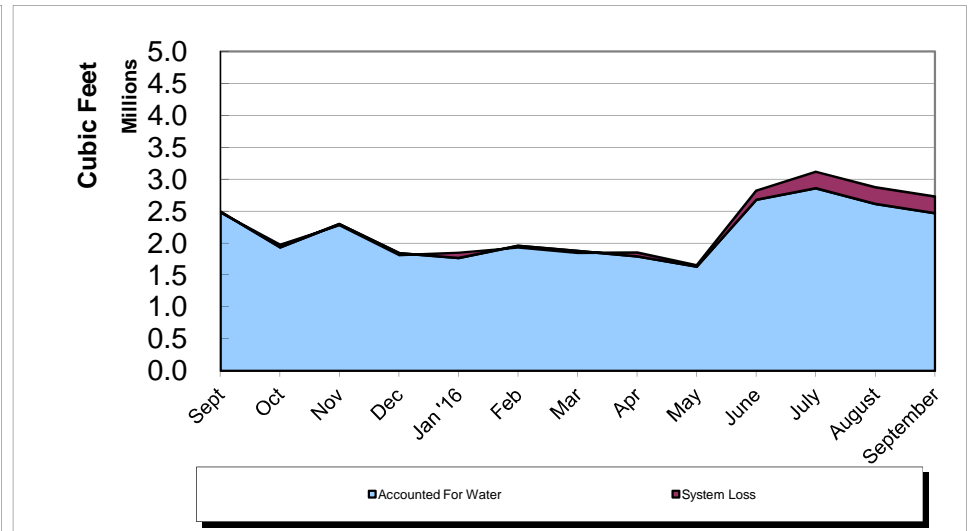
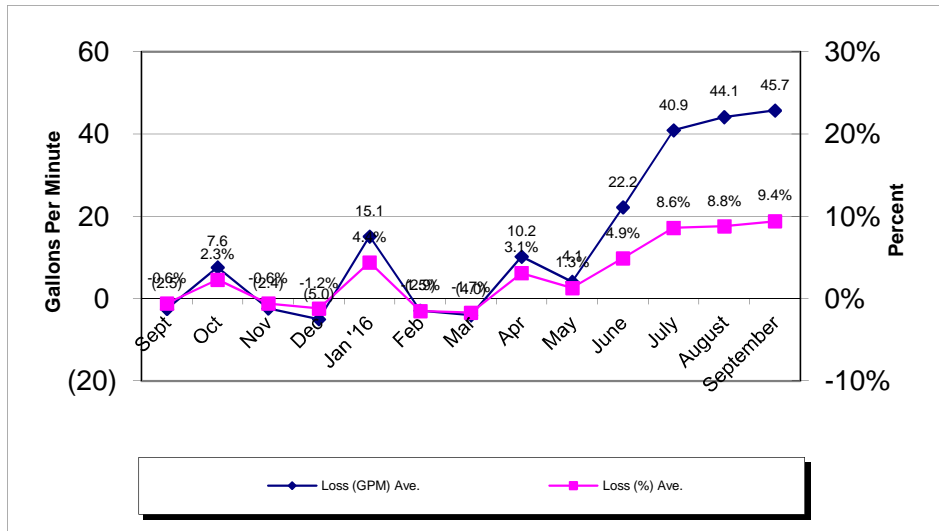
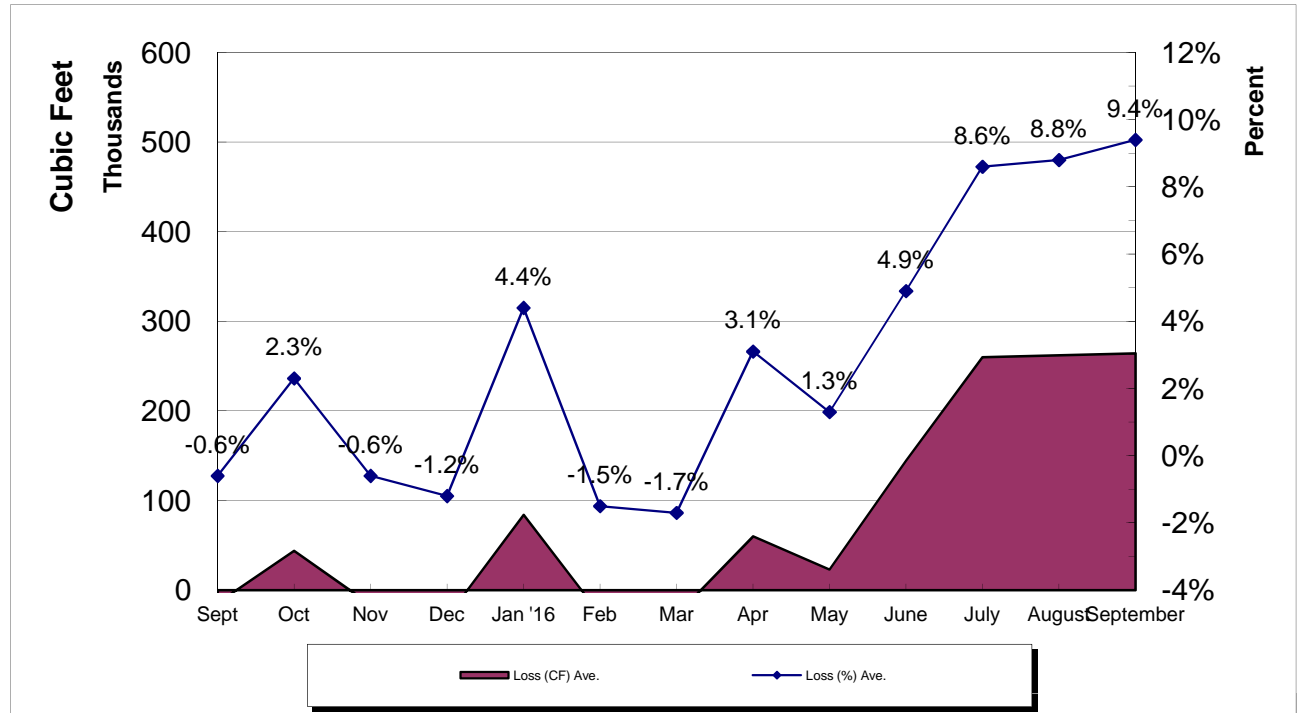
*** - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$6,975	\$2,085
Cost of 5% System Loss:	3,574	2,982
Amount above (below) 5% System Loss	\$3,401	(\$897)
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: 09/30/16

For Month of: September 2016

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,754	19.80	331,729	86.08%
Saxon	337,674	14,681	16.80	246,641	73.04%
Pinecrest I & II	2,063,492	54,302	31.94	1,734,406	84.05%
Zurich	380,500	16,910	19.30	326,363	85.77%
Lakeview	1,230,212	27,959	35.19	983,877	79.98%
Old Mill	705,900	27,150	21.80	591,870	83.85%
Barn	444,443	19,753	17.70	349,628	78.67%
Wilson	983,681	33,920	28.19	956,205	97.21%
Chillon	337,674	14,681	17.45	256,183	75.87%
Brookside	748,067	28,772	19.97	574,577	76.81%
Chamois	1,026,532	39,482	21.06	831,491	81.00%
Total	8,643,529		249.20	7,182,970	83.10%

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	49,063	On
Pioneer-2	33,202	On
Pioneer-1	21,515	On
Old Mill Springs	12,230	On
Maple Springs	839	Off
Willow Springs	0	Off
Brookside Springs	3,400	On
Hillside Springs	0	Off
Pinecrest 1 & 2	9,360	On
Pinecrest Vertical	113,010	On
Cypress Vertical	85,650	On
Anderson Vertical	11,341	Off
Wilson Springs 1 & 2	60,730	On
Wilson Vertical	112,200	On
Felsen Vertical	112,363	On
Horst	27,120	On
Jewel 64	62,939	On
Cathcart	15,773	On
Bergschrund	0	Off
Chamois	0	Off
Chamois Vertical	34,370	On
	0	0
	0	0
	0	0
Lewter	0	Off
Total	765,105	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	72	70	2	2.86%	438,770
Mile High 2"	0	0	0	0.00%	0
Mile High 4"	60	40	20	50.00%	268,850
Pinecrest 2"	0	0	0	0.00%	187
Pinecrest 4"	205	200	5	2.50%	1,212,567
Lake Drive 2"	0	0	0	0.00%	0
Lake Drive 4"	0	0	0	0.00%	0
Camp Seely	110	110	0	0.00%	21,791
Total	337	310	27	8.71%	1,942,165

September Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	300.1	1,733,198		126.8	732,321
Actual M-T-D:	336.3	1,942,165		132.5	765,105
Over/(Under) Last Year:	36.2	208,967.0		5.7	32,784.0

Total	GPM	Cubic Feet
Last Year M-T-D:	426.9	2,465,519
Actual M-T-D:	468.8	2,707,270
Over/(Under) Last Year:	41.9	241,751.0

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

10/14/16

<u>Source Name</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>September</u>	<u>Last 12 Months</u>	<u>13 Months</u>
Division 10															
Altdorf	54,015	53,232	54,980	55,759	51,088	59,530	62,225	55,446	51,632	59,926	54,522	49,873	49,063	657,276	711,291
Pioneer #2	38,439	37,606	38,436	38,131	32,996	34,008	37,026	34,391	32,876	39,268	36,444	33,624	33,202	428,008	466,447
Pioneer #1	26,813	26,155	26,353	26,005	26,435	31,125	29,380	26,113	24,162	27,775	24,745	22,175	21,515	311,938	338,751
Old Mill Springs	5,860	0	0	0	0	0	0	0	0	15,510	15,990	13,480	12,230	57,210	63,070
Maple Springs	2,745	1,300	3,153	985	1,616	1,229	171	171	0	1,879	1,350	1,958	839	14,651	17,396
Willow Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brookside Springs	0	0	0	0	0	0	0	0	0	11,510	9,830	5,130	3,400	29,870	29,870
Hillside Springs	5,230	4,820	4,670	4,660	3,290	3,440	4,180	2,470	5,210	2,550	0	0	0	35,290	40,520
Pinecrest	8,990	7,630	6,170	4,650	4,360	7,870	10,470	11,830	12,430	15,680	14,050	11,780	9,360	116,280	125,270
Pinecrest Vertical	117,560	88,620	106,020	96,870	88,210	87,560	45,680	103,930	95,570	48,930	0	96,020	113,010	970,420	1,087,980
Cypress Vertical	7,270	123,480	98,280	92,760	84,370	84,340	91,040	52,850	113,710	99,000	93,510	86,590	85,650	1,105,580	1,112,850
Anderson Vertical	12,600	900	0	8,000	21,900	8,875	400	8,545	517	97,688	120,567	107,490	11,341	386,223	398,823
Division 10 Totals	279,522	343,743	338,062	327,820	314,265	317,977	280,572	295,746	336,107	419,716	371,008	428,120	339,610	4,112,746	4,392,268
Division 20															
Wilson Springs #1 & 2	67,937	66,926	67,493	62,969	54,699	57,492	61,489	57,211	56,677	69,321	65,038	61,273	60,730	741,318	809,255
Wilson Vertical	65,100	113,100	114,300	77,520	97,800	100,700	109,400	80,300	45,800	96,300	114,300	111,700	112,200	1,173,420	1,238,520
Felsen Vertical	154,910	152,920	167,800	137,980	125,550	135,470	96,670	207,470	123,870	132,060	67,434	178,237	112,363	1,637,824	1,792,734
Horst	35,152	34,460	34,438	33,145	28,044	29,747	32,131	29,432	28,761	33,696	30,771	28,170	27,120	369,915	405,067
Jewell No. 64	67,354	65,441	70,324	65,524	60,948	62,581	67,728	40,156	84,564	73,993	64,965	62,466	62,939	781,629	848,983
Cathcart	18,517	17,747	16,664	16,288	14,228	19,217	20,634	18,210	17,363	20,096	18,274	16,704	15,773	211,198	229,715
Bergschrund	5,197	4,468	3,792	2,982	2,142	2,908	3,053	2,524	2,134	1,937	977	155	0	27,072	32,269
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	34,870	34,350	35,440	33,970	31,130	31,610	34,940	32,580	30,860	37,860	34,760	26,960	34,370	398,830	433,700
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	3,989	4,030	4,242	4,092	3,656	3,905	4,171	2,416	4,621	4,944	1,155	1,322	0	38,554	42,543
Division 20 Totals	453,026	493,442	514,493	434,470	418,197	443,630	430,216	470,299	394,650	470,207	397,674	486,987	425,495	5,379,760	5,832,786
Total District Sources	732,548	837,185	852,555	762,290	732,462	761,607	710,788	766,045	730,757	889,923	768,682	915,107	765,105	9,492,506	10,225,054
C.L.A.W.A.															
Crest Forest 6"	437,299	362,701	309,759	315,642	303,610	299,064	350,000	327,005	305,481	392,647	369,786	338,636	438,770	4,113,101	4,550,400
Mile High Park 2"	217,580	193,182	173,409	169,171	154,679	162,032	176,190	163,342	33,864	0	0	0	0	1,225,869	1,443,449
Mile High Park 4"	27,807	0	0	0	0	0	0	0	118,449	254,545	339,305	287,834	268,850	1,268,983	1,296,790
Pinecrest 2"	0	1,618	0	0	0	13	0	0	89,813	0	0	0	187	91,631	91,631
Pinecrest 4"	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	1,212,567	10,102,273	11,075,669
Lake Drive 2"	0	0	0	0	0	0	0	0	11,070	0	102,447	5,254	0	118,771	118,771
Lake Drive 4"	0	0	0	0	0	134	0	0	28,075	0	0	0	0	28,209	28,209
Camp Seely	77,005	23,128	50,000	0	23,529	20,455	26,070	24,198	45,856	90,642	65,642	68,449	21,791	459,760	536,765
C.L.A.W.A. Totals	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	1,942,165	17,408,597	19,141,684
Grand Totals	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	2,707,270	26,901,103	29,366,738

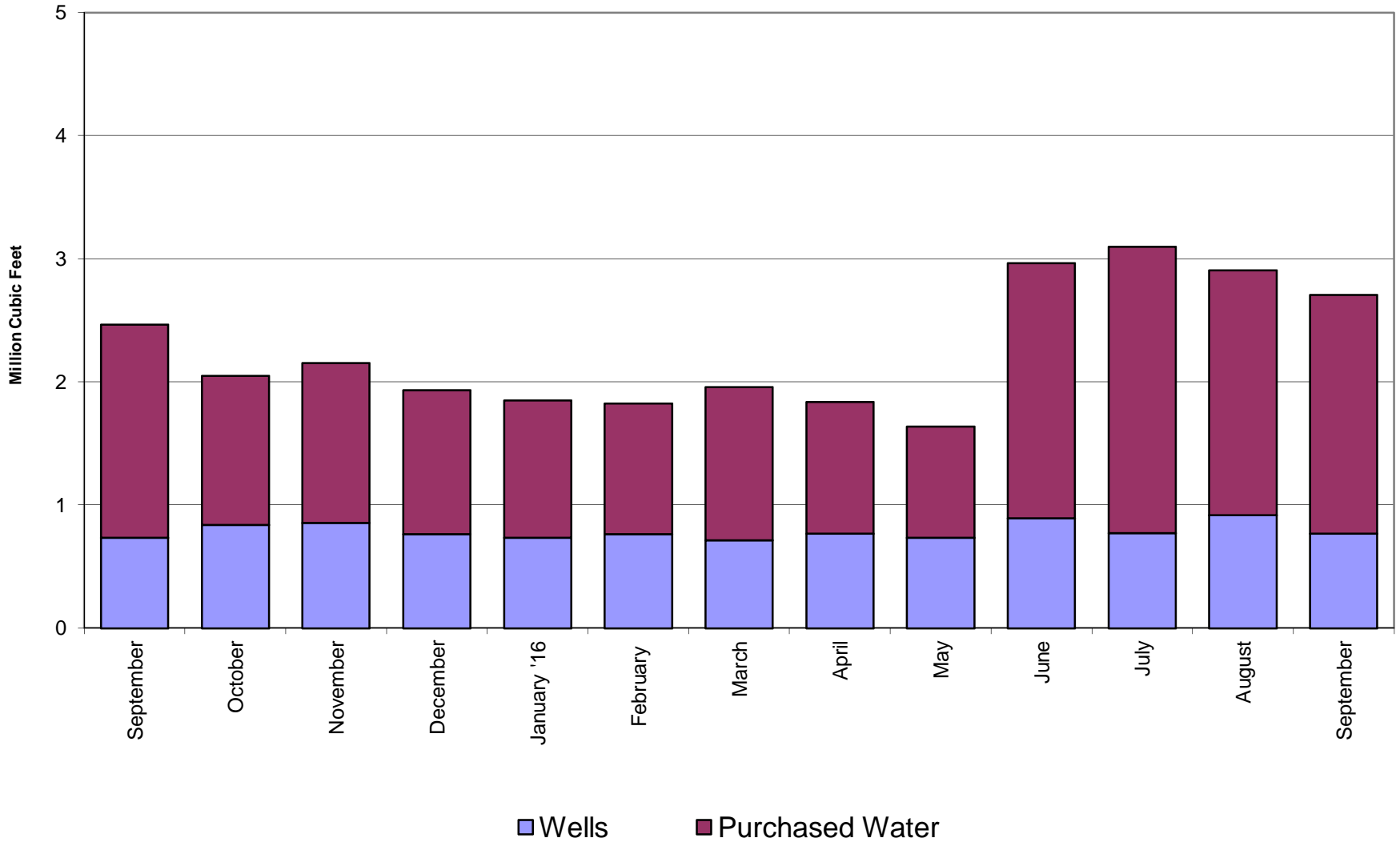
**Crestline Village Water District
Source of Supply Production Report
Cubic Feet
Last 13 Months**

10/14/16

<u>Source Name</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>September</u>	<u>Last 12 Months</u>	<u>13 Months</u>
District Sources															
Division 10	279,522	343,743	338,062	327,820	314,265	317,977	280,572	295,746	336,107	419,716	371,008	428,120	339,610	4,112,746	4,392,268
Division 20	453,026	493,442	514,493	434,470	418,197	443,630	430,216	470,299	394,650	470,207	397,674	486,987	425,495	5,379,760	5,832,786
Total	732,548	837,185	852,555	762,290	732,462	761,607	710,788	766,045	730,757	889,923	768,682	915,107	765,105	9,492,506	10,225,054
Division 10	38.16%	41.06%	39.65%	43.00%	42.91%	41.75%	39.47%	38.61%	45.99%	47.16%	48.27%	46.78%	44.39%	43.33%	42.96%
Division 20	61.84%	58.94%	60.35%	57.00%	57.09%	58.25%	60.53%	61.39%	54.01%	52.84%	51.73%	53.22%	55.61%	56.67%	57.04%
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	732,548	837,185	852,555	762,290	732,462	761,607	710,788	766,045	730,757	889,923	768,682	915,107	765,105	9,492,506	10,225,054
C.L.A.W.A.	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	1,942,165	17,408,597	19,141,684
Total Sources	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	2,707,270	26,901,103	29,366,738
District Sources	29.71%	40.85%	39.65%	39.44%	39.67%	41.74%	36.34%	41.73%	44.72%	30.01%	24.83%	31.51%	28.26%	35.29%	34.82%
C.L.A.W.A.	70.29%	59.15%	60.35%	60.56%	60.33%	58.26%	63.66%	58.27%	55.28%	69.99%	75.17%	68.49%	71.74%	64.71%	65.18%
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%

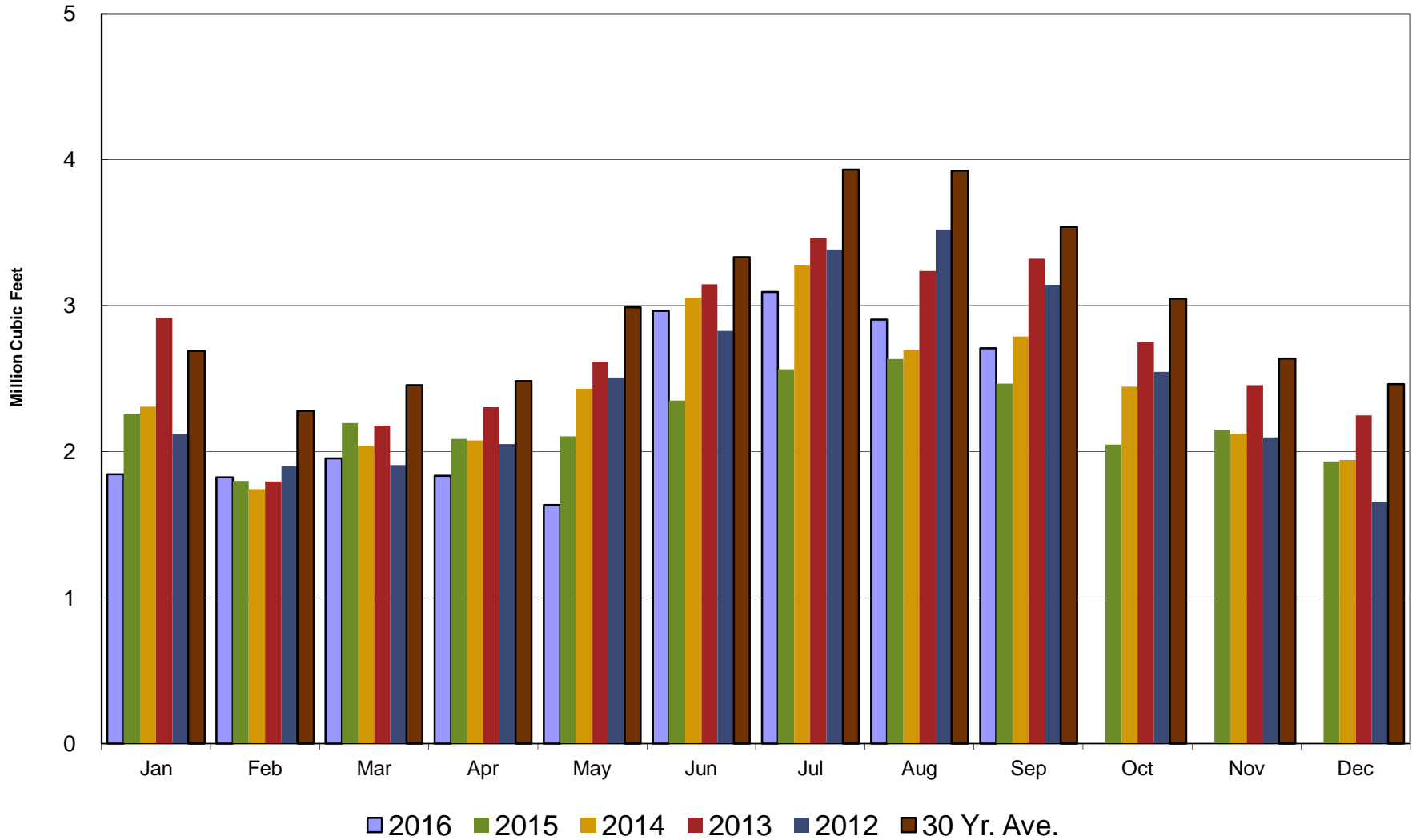
Crestline Village Water District

Water Sources - Last 13 Months



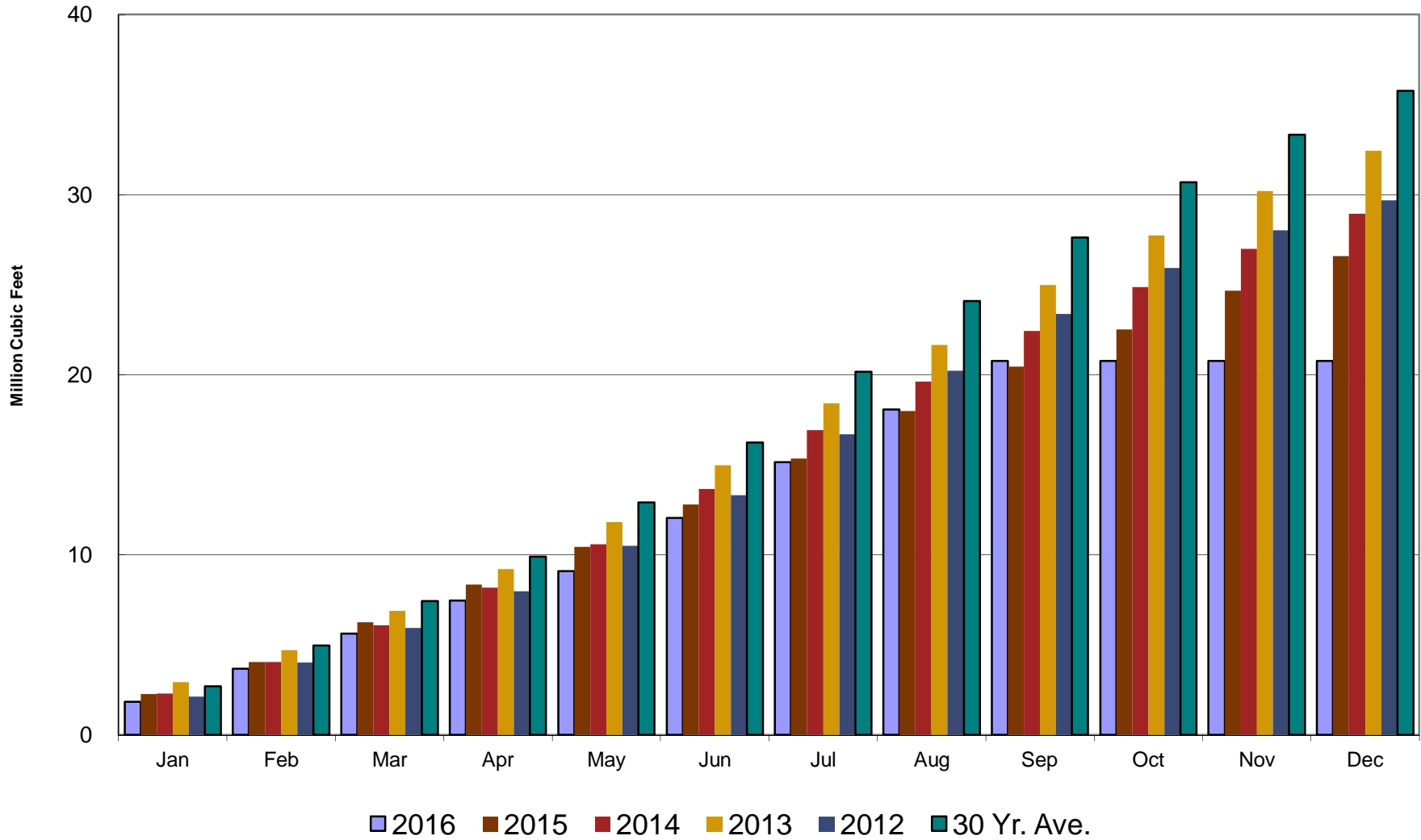
Crestline Village Water District

Total Production by Month



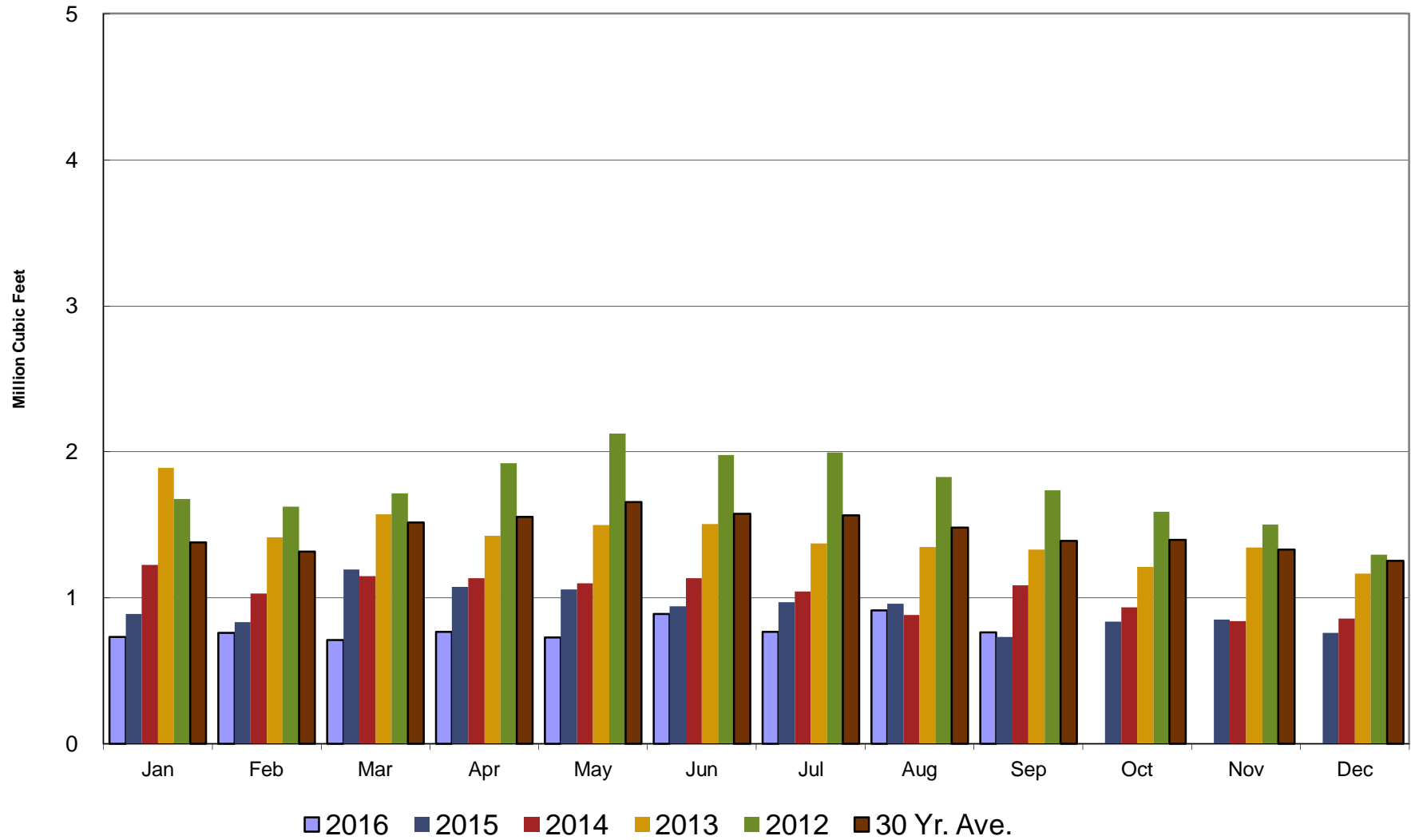
Crestline Village Water District

Total Production Cumulative



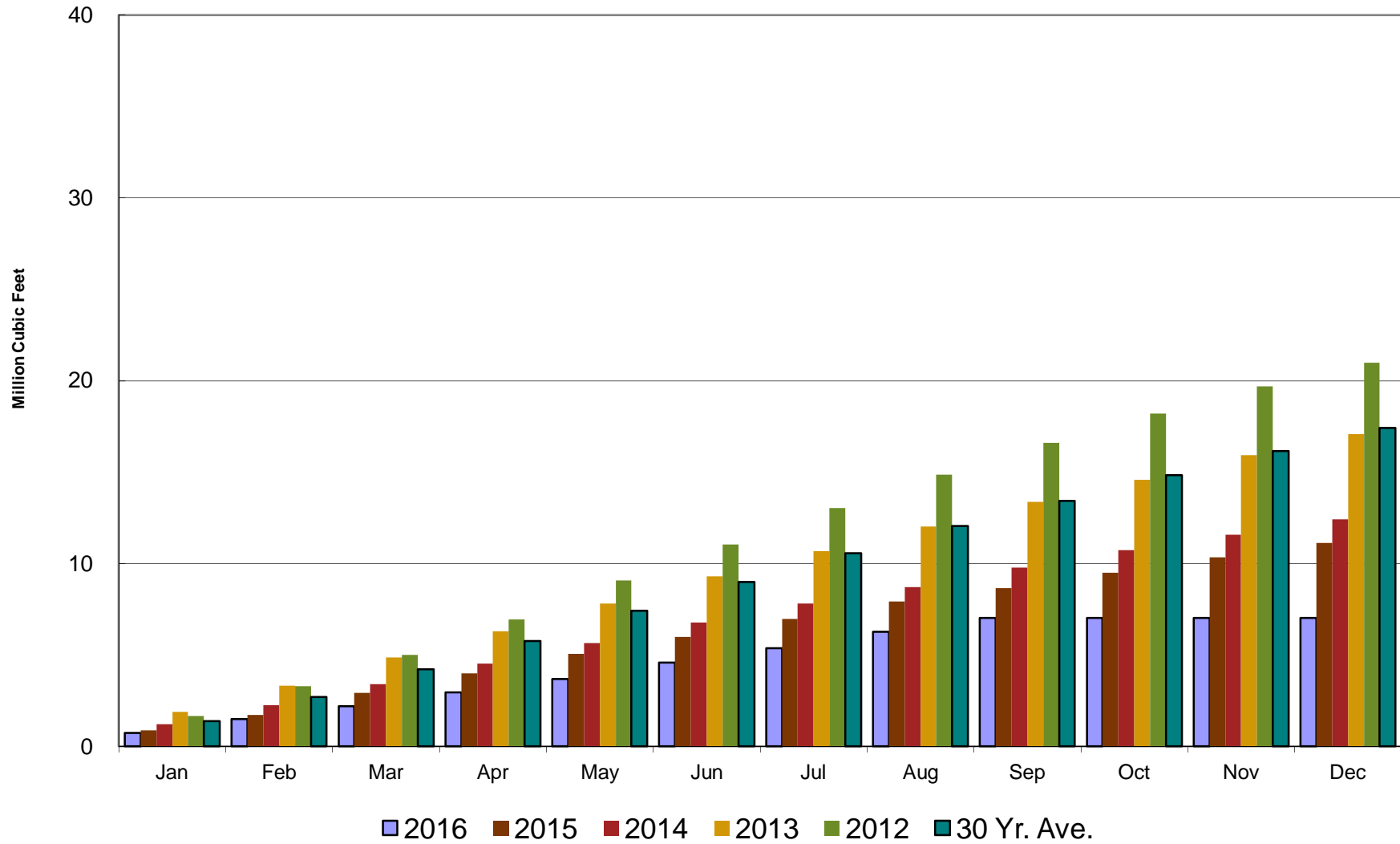
Crestline Village Water District

Well Production by Month



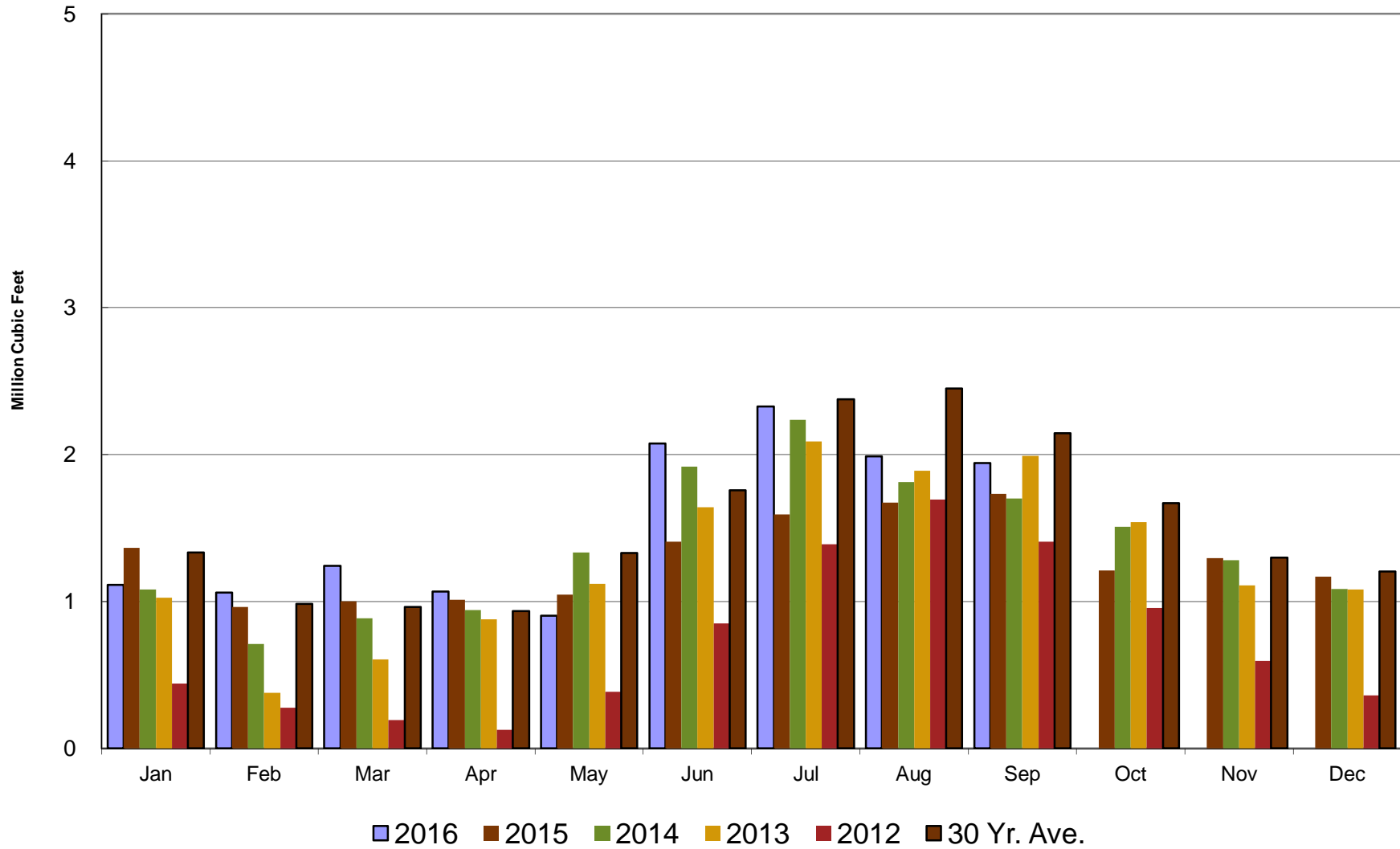
Crestline Village Water District

Well Production Cumulative



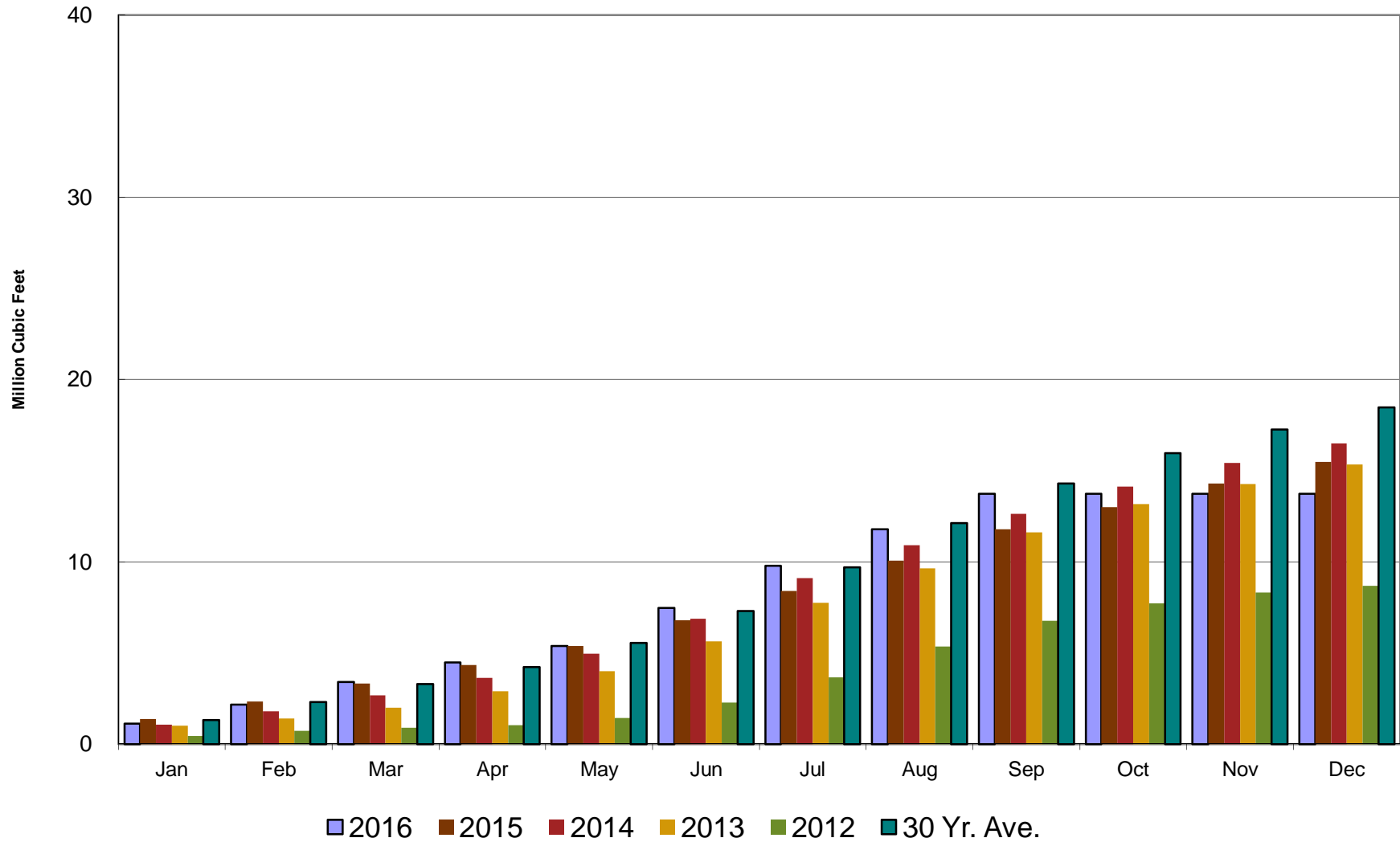
Crestline Village Water District

Purchased Water by Month



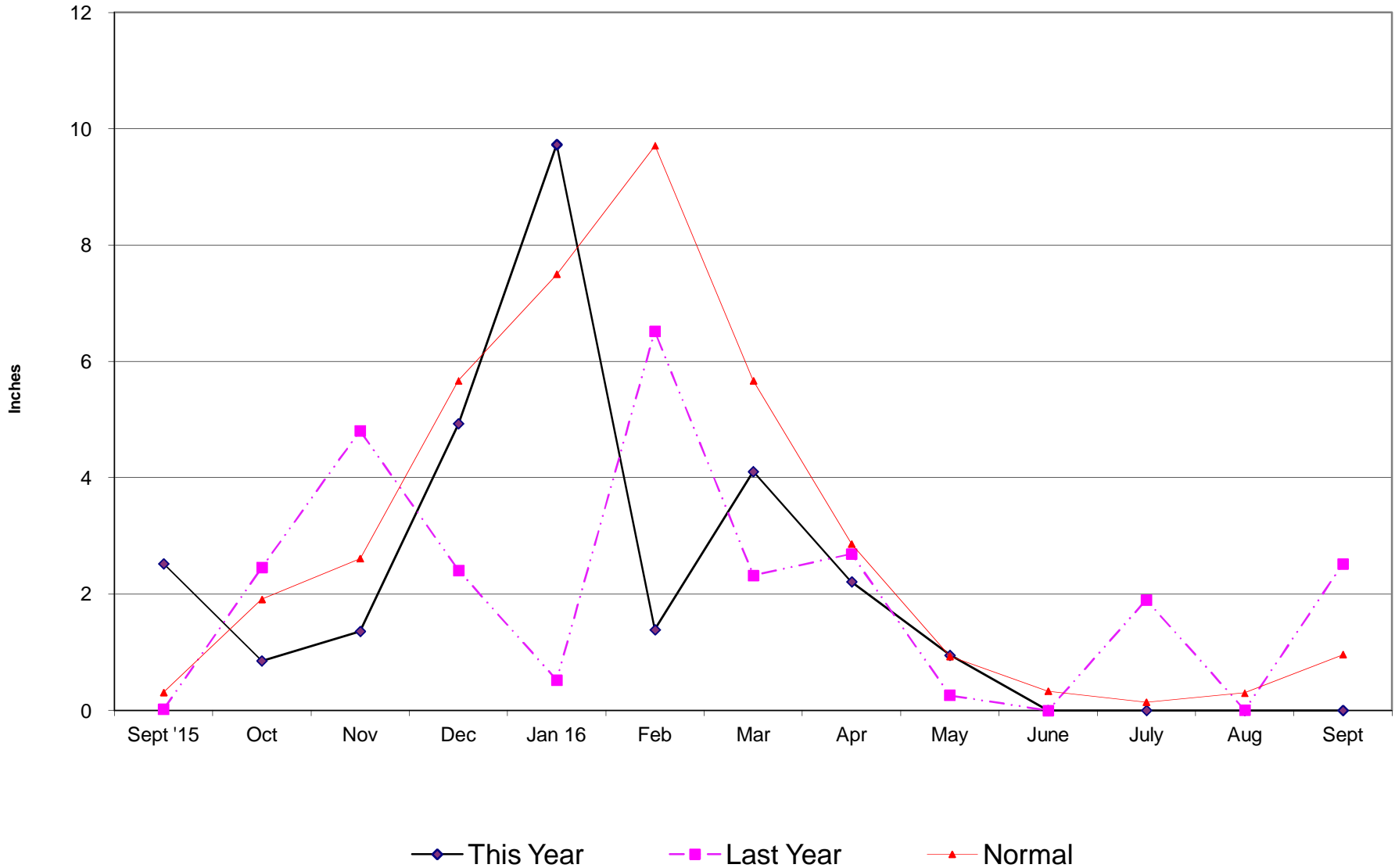
Crestline Village Water District

Purchased Water Cumulative



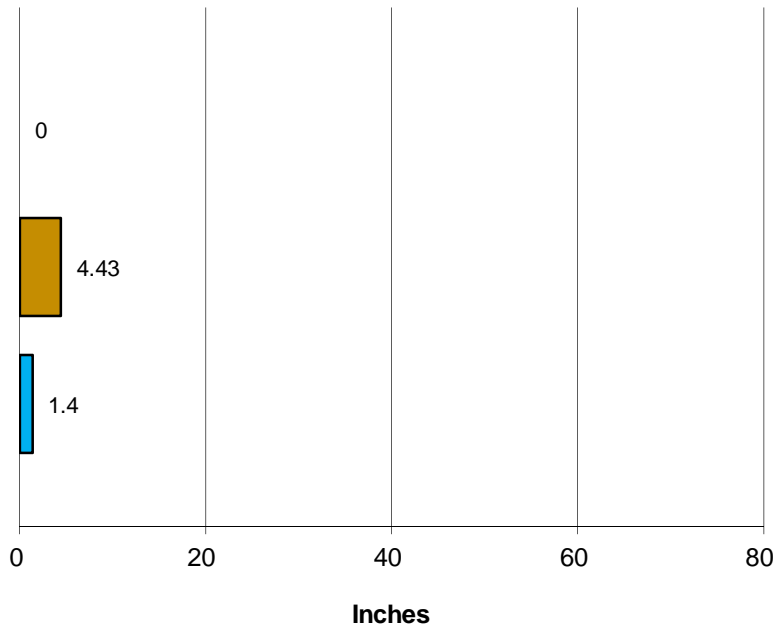
Crestline Village Water District

Rainfall - Last 13 Months



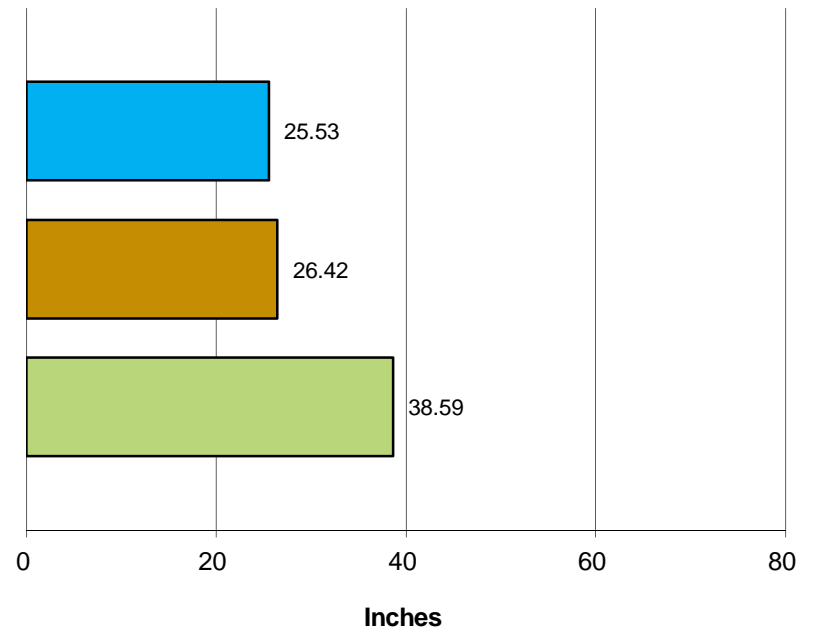
Crestline Village Water District

Total Rainfall July 1, 2016 to Beginning of Current Month



■ This Year ■ Last Year ■ Normal

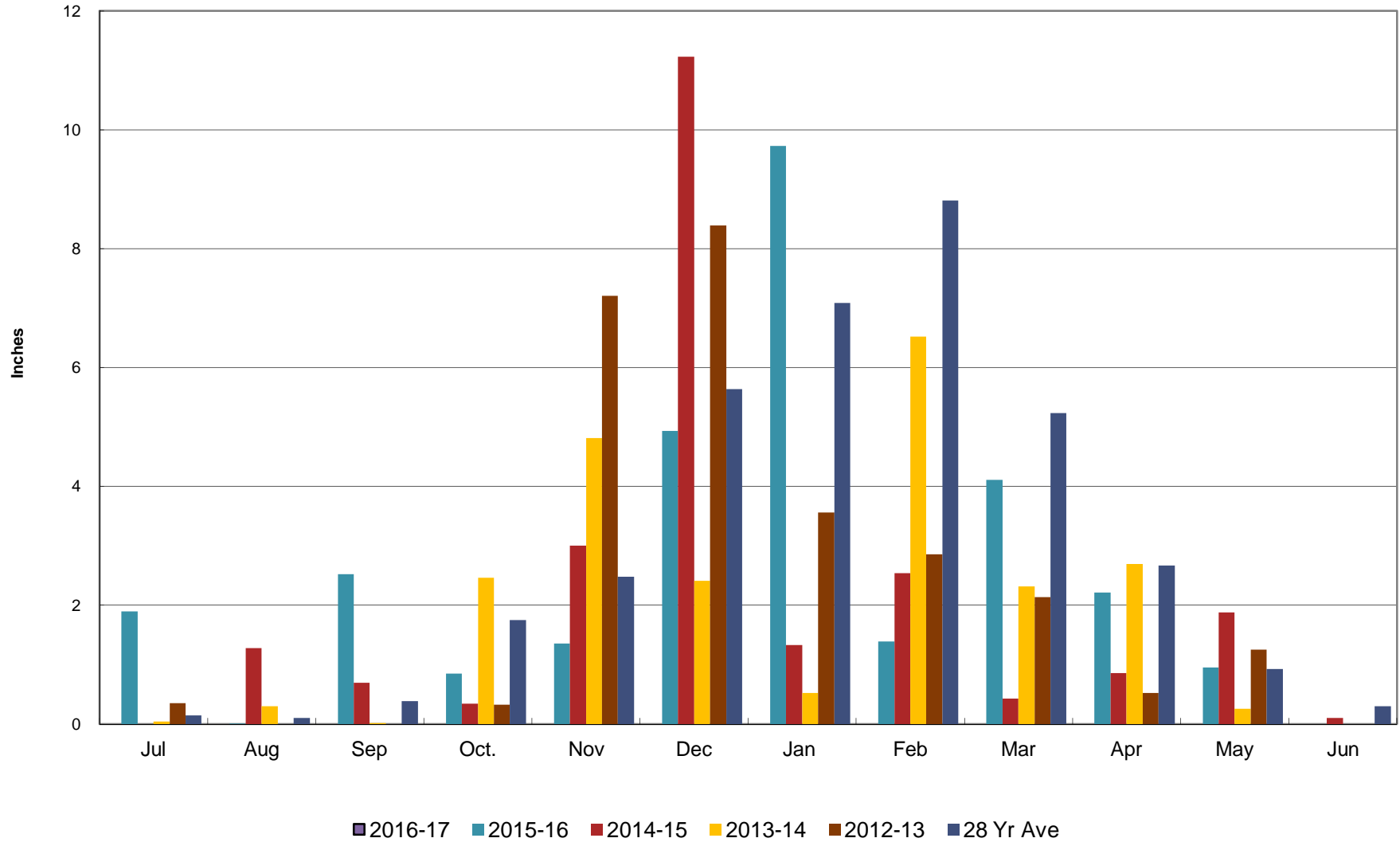
Total Rainfall Last 12 Months



■ This Year ■ Last Year ■ Normal

Crestline Village Water District

Rainfall by Month



Crestline Village Water District

Rainfall Cumulative

