

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

01/13/17

	Dec	Jan '16	Feb	Mar	Apr	May	June	July	August	September	October	November	December	Total
Sources of Supply														
Wells	762,290	732,462	761,607	710,788	766,045	730,757	889,923	768,682	915,107	765,105	700,645	722,247	653,020	9,878,678
Purchased Water	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	1,791,444	1,420,053	1,363,770	19,473,944
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Supplied	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	2,492,089	2,142,300	2,016,790	29,352,622
Water Used **														
Metered Accounts														
Crestline Area	916,098	752,261	923,471	868,251	874,686	833,013	1,337,363	1,349,820	1,225,532	1,159,217	1,049,772	920,956	894,009	13,104,449
Lake Gregory Area	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	1,330,923	1,035,068	964,569	14,316,243
Change in Storage	(52,991)	64,800	(6,116)	43,622	(14,604)	(64,285)	63,211	39,580	(38,244)	(5,327)	(3,701)	(12,883)	(61,470)	(48,408)
Flushing, System & Other	23,366	68,699	14,439	36,219	17,589	16,751	16,052	14,609	15,269	15,829	14,439	15,041	18,450	286,751
Accounted for Water	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	2,391,433	1,958,182	1,815,558	27,659,035
System Loss (CF)	88,931	79,202	(133,380)	77,924	42,260	4,116	285,206	234,892	289,264	239,165	100,656	184,118	201,232	1,693,587
System Loss (%)	4.6%	4.3%	-7.3%	4.0%	2.3%	0.3%	9.6%	7.6%	10.0%	8.8%	4.0%	8.6%	10.0%	5.8%
System Loss (GPM)	14.9	15.2	(21.0)	13.1	7.3	0.8	43.6	38.1	50.1	41.4	16.9	31.9	34.8	24.0
Month to Month Averaging ***														
System Loss (CF)	44,466	84,067	(27,089)	(27,728)	60,092	23,188	144,661	260,049	262,078	264,215	169,911	142,387	192,675	1,592,972
System Loss (%)	2.3%	4.4%	-1.5%	-1.7%	3.1%	1.3%	4.9%	8.6%	8.8%	9.4%	6.4%	6.3%	9.3%	5.4%
System Loss (GPM)	7.5	15.1	(2.9)	(4.0)	10.2	4.1	22.2	40.9	44.1	45.7	29.1	24.4	33.4	22.5
Estimated Uses														
Known leaks - Est. loss	1,348	802	16,460	2,005	1,334	0	37,656	18,048	7,580	3,850	3,658	0	674	93,415
Total Estimated Uses	1,348	802	16,460	2,005	1,334	0	37,656	18,048	7,580	3,850	3,658	0	674	93,415
Unaccounted for Water (CF)	87,584	78,400	(149,840)	75,919	40,926	4,116	247,551	216,844	281,684	235,315	96,998	184,118	200,559	1,600,172
Unaccounted For (%)	4.5%	4.3%	-8.2%	3.9%	2.2%	0.3%	8.4%	7.0%	9.7%	8.7%	3.9%	8.6%	9.9%	5.5%
Unaccounted For (GPM)	14.7	15.1	(23.6)	12.7	7.1	0.8	37.8	35.2	48.8	40.7	16.3	31.9	34.7	22.6
Number of Days in Period	31	27	33	31	30	27	34	32	30	30	31	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

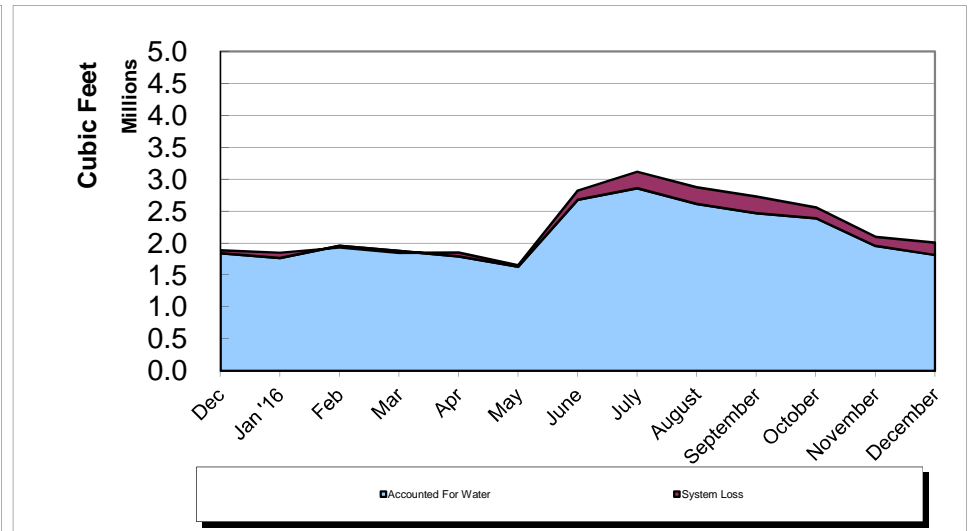
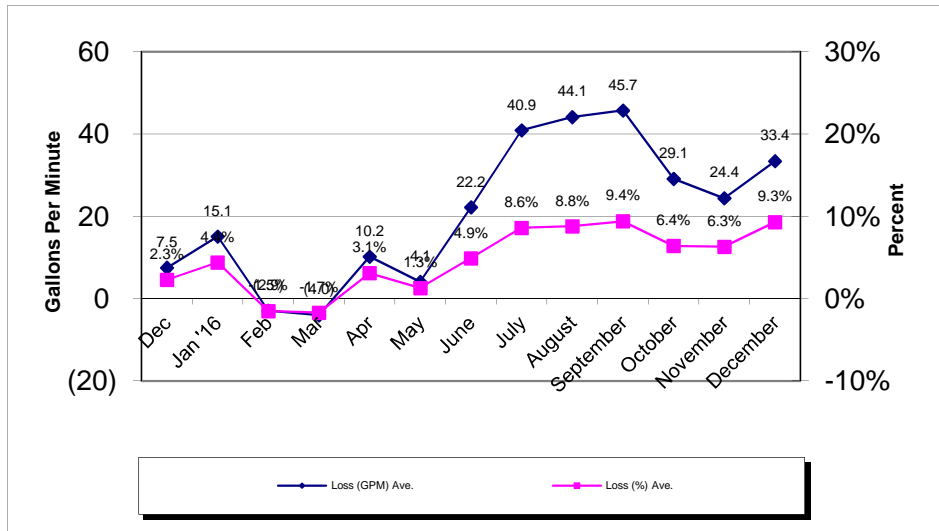
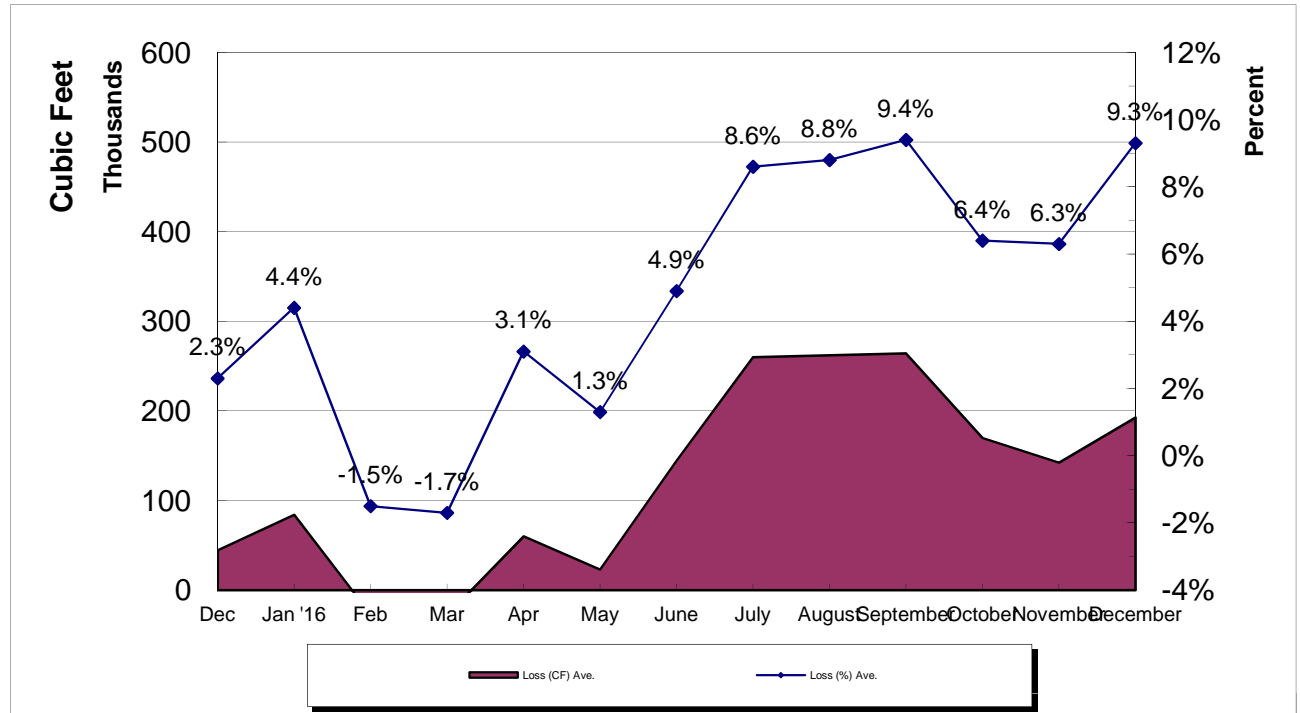
*** - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$5,087	\$3,235
Cost of 5% System Loss:	2,662	2,980
Amount above (below) 5% System Loss	\$2,425	\$255
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: 12/30/16

For Month of: December 2016

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,754	17.67	296,043	76.82%
Saxon	337,674	14,681	17.00	249,577	73.91%
Pinecrest I & II	2,063,492	54,302	26.39	1,433,030	69.45%
Zurich	380,500	16,910	17.17	290,345	76.31%
Lakeview	1,230,212	27,959	30.93	864,772	70.29%
Old Mill	705,900	27,150	22.61	613,862	86.96%
Barn	444,443	19,753	17.82	351,998	79.20%
Wilson	983,681	33,920	21.50	729,280	74.14%
Chillon	337,674	14,681	16.38	240,475	71.22%
Brookside	748,067	28,772	23.10	664,633	88.85%
Chamois	1,026,532	39,482	21.41	845,310	82.35%
Total	8,643,529		231.98	6,579,325	76.12%

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	49,232	On
Pioneer-2	32,122	On
Pioneer-1	23,026	On
Old Mill Springs	10,900	On
Maple Springs	0	Off
Willow Springs	0	Off
Brookside Springs	0	Off
Hillside Springs	0	Off
Pinecrest 1 & 2	4,890	On
Pinecrest Vertical	83,450	On
Cypress Vertical	85,190	On
Anderson Vertical	0	Off
Wilson Springs 1 & 2	55,366	On
Wilson Vertical	78,300	On
Felsen Vertical	90,756	On
Horst	25,724	On
Jewel 64	64,069	On
Cathcart	17,745	On
Bergschrund	0	Off
Chamois	0	Off
Chamois Vertical	32,250	On
	0	0
	0	0
	0	0
Lewter	0	Off
Total	653,020	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	67	70	(3)	-4.29%	394,519
Mile High 2"	0	0	0	0.00%	0
Mile High 4"	28	30	(2)	-6.67%	180,080
Pinecrest 2"	0	0	0	0.00%	0
Pinecrest 4"	106	200	(94)	-47.00%	744,786
Lake Drive 2"	0	0	0	0.00%	0
Lake Drive 4"	0	0	0	0.00%	0
Camp Seely	23	0	23	0.00%	44,385
Total	201	300	(99)	-33.00%	1,363,770

December Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	196.2	1,133,134		127.7	737,518
Actual M-T-D:	236.1	1,363,770		113.1	653,020
Over/(Under) Last Year:	39.9	230,636.0		(14.6)	(84,498.0)

Total	GPM	Cubic Feet
Last Year M-T-D:	323.9	1,870,652
Actual M-T-D:	349.2	2,016,790
Over/(Under) Last Year:	25.3	146,138.0

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

01/13/17

Source Name	December	January '16	February	March	April	May	June	July	August	September	October	November	December	Last 12 Months	13 Months
Division 10															
Altdorf	55,759	51,088	59,530	62,225	55,446	51,632	59,926	54,522	49,873	49,063	49,621	47,451	49,232	639,609	695,368
Pioneer #2	38,131	32,996	34,008	37,026	34,391	32,876	39,268	36,444	33,624	33,202	33,558	32,463	32,122	411,978	450,109
Pioneer #1	26,005	26,435	31,125	29,380	26,113	24,162	27,775	24,745	22,175	21,515	21,741	20,908	23,026	299,100	325,105
Old Mill Springs	0	0	0	0	0	0	15,510	15,990	13,480	12,230	11,960	10,820	10,900	90,890	90,890
Maple Springs	985	1,616	1,229	171	171	0	1,879	1,350	1,958	839	96	0	0	9,309	10,294
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	11,510	9,830	5,130	3,400	3,740	2,800	0	36,410	36,410
Hillside Springs	4,660	3,290	3,440	4,180	2,470	5,210	2,550	0	0	0	0	0	0	21,140	25,800
Pinecrest	4,650	4,360	7,870	10,470	11,830	12,430	15,680	14,050	11,780	9,360	7,270	5,310	4,890	115,300	119,950
Pinecrest Vertical	96,870	88,210	87,560	45,680	103,930	95,570	48,930	0	96,020	113,010	47,580	109,210	83,450	919,150	1,016,020
Cypress Vertical	92,760	84,370	84,340	91,040	52,850	113,710	99,000	93,510	86,590	85,650	88,250	85,450	85,190	1,049,950	1,142,710
Anderson Vertical	8,000	21,900	8,875	400	8,545	517	97,688	120,567	107,490	11,341	6,205	0	0	383,528	391,528
Division 10 Totals	327,820	314,265	317,977	280,572	295,746	336,107	419,716	371,008	428,120	339,610	270,021	314,412	288,810	3,976,364	4,304,184
Division 20															
Wilson Springs #1 & 2	62,969	54,699	57,492	61,489	57,211	56,677	69,321	65,038	61,273	60,730	59,563	55,399	55,366	714,258	777,227
Wilson Vertical	77,520	97,800	100,700	109,400	80,300	45,800	96,300	114,300	111,700	112,200	110,200	109,400	78,300	1,166,400	1,243,920
Felsen Vertical	137,980	125,550	135,470	96,670	207,470	123,870	132,060	67,434	178,237	112,363	116,928	111,934	90,756	1,498,742	1,636,722
Horst	33,145	28,044	29,747	32,131	29,432	28,761	33,696	30,771	28,170	27,120	26,608	22,690	25,724	342,894	376,039
Jewell No. 64	65,524	60,948	62,581	67,728	40,156	84,564	73,993	64,965	62,466	62,939	66,528	62,680	64,069	773,617	839,141
Cathcart	16,288	14,228	19,217	20,634	18,210	17,363	20,096	18,274	16,704	15,773	15,967	12,652	17,745	206,863	223,151
Bergschrund	2,982	2,142	2,908	3,053	2,524	2,134	1,937	977	155	0	0	0	0	15,830	18,812
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	33,970	31,130	31,610	34,940	32,580	30,860	37,860	34,760	26,960	34,370	34,830	33,080	32,250	395,230	429,200
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	4,092	3,656	3,905	4,171	2,416	4,621	4,944	1,155	1,322	0	0	0	0	26,190	30,282
Division 20 Totals	434,470	418,197	443,630	430,216	470,299	394,650	470,207	397,674	486,987	425,495	430,624	407,835	364,210	5,140,024	5,574,494
Total District Sources	762,290	732,462	761,607	710,788	766,045	730,757	889,923	768,682	915,107	765,105	700,645	722,247	653,020	9,116,388	9,878,678
C.L.A.W.A.															
Crest Forest 6"	315,642	303,610	299,064	350,000	327,005	305,481	392,647	369,786	338,636	438,770	419,385	399,064	394,519	4,337,967	4,653,609
Mile High Park 2"	169,171	154,679	162,032	176,190	163,342	33,864	0	0	0	0	0	0	0	690,107	859,278
Mile High Park 4"	0	0	0	0	0	118,449	254,545	339,305	287,834	268,850	233,289	231,818	180,080	1,914,170	1,914,170
Pinecrest 2"	0	0	13	0	0	89,813	0	0	0	187	0	0	0	90,013	90,013
Pinecrest 4"	685,829	631,952	581,283	692,781	555,214	270,588	1,337,433	1,449,332	1,289,171	1,212,567	1,091,444	731,016	744,786	10,587,567	11,273,396
Lake Drive 2"	0	0	0	0	0	11,070	0	102,447	5,254	0	0	0	0	118,771	118,771
Lake Drive 4"	0	0	134	0	0	28,075	0	0	0	0	0	0	0	28,209	28,209
Camp Seely	0	23,529	20,455	26,070	24,198	45,856	90,642	65,642	68,449	21,791	47,326	58,155	44,385	536,498	536,498
C.L.A.W.A. Totals	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	1,791,444	1,420,053	1,363,770	18,303,302	19,473,944
Grand Totals	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	2,492,089	2,142,300	2,016,790	27,419,690	29,352,622

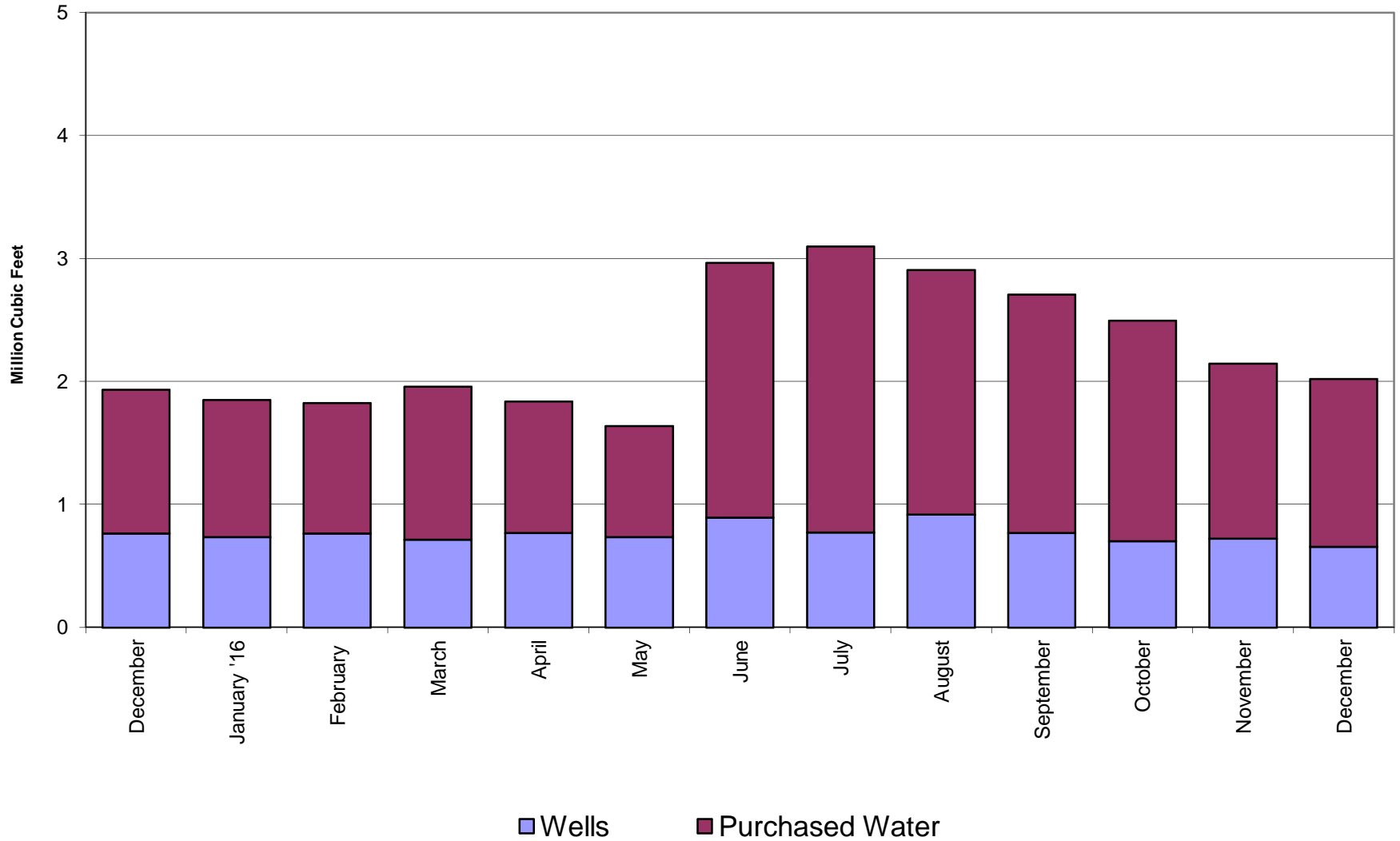
**Crestline Village Water District
Source of Supply Production Report
Cubic Feet
Last 13 Months**

01/13/17

<u>Source Name</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>October</u>	<u>November</u>	<u>December</u>	<u>Last 12 Months</u>	<u>13 Months</u>
District Sources															
Division 10	327,820	314,265	317,977	280,572	295,746	336,107	419,716	371,008	428,120	339,610	270,021	314,412	288,810	3,976,364	4,304,184
Division 20	434,470	418,197	443,630	430,216	470,299	394,650	470,207	397,674	486,987	425,495	430,624	407,835	364,210	5,140,024	5,574,494
Total	762,290	732,462	761,607	710,788	766,045	730,757	889,923	768,682	915,107	765,105	700,645	722,247	653,020	9,116,388	9,878,678
Division 10	43.00%	42.91%	41.75%	39.47%	38.61%	45.99%	47.16%	48.27%	46.78%	44.39%	38.54%	43.53%	44.23%	43.62%	43.57%
Division 20	57.00%	57.09%	58.25%	60.53%	61.39%	54.01%	52.84%	51.73%	53.22%	55.61%	61.46%	56.47%	55.77%	56.38%	56.43%
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	762,290	732,462	761,607	710,788	766,045	730,757	889,923	768,682	915,107	765,105	700,645	722,247	653,020	9,116,388	9,878,678
C.L.A.W.A.	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	1,791,444	1,420,053	1,363,770	18,303,302	19,473,944
Total Sources	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	2,492,089	2,142,300	2,016,790	27,419,690	29,352,622
District Sources	39.44%	39.67%	41.74%	36.34%	41.73%	44.72%	30.01%	24.83%	31.51%	28.26%	28.11%	33.71%	32.38%	33.25%	33.66%
C.L.A.W.A.	60.56%	60.33%	58.26%	63.66%	58.27%	55.28%	69.99%	75.17%	68.49%	71.74%	71.89%	66.29%	67.62%	66.75%	66.34%
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%

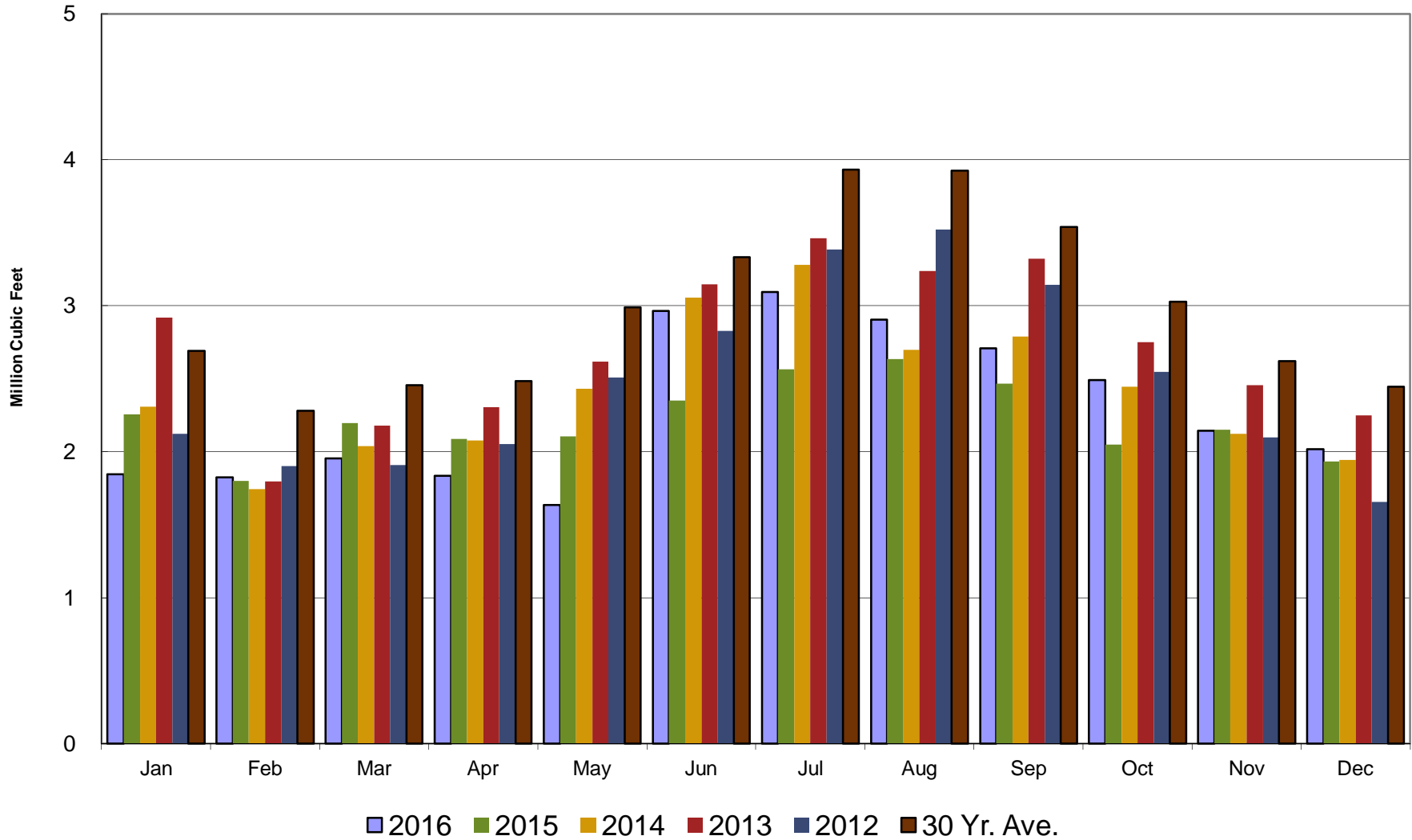
Crestline Village Water District

Water Sources - Last 13 Months



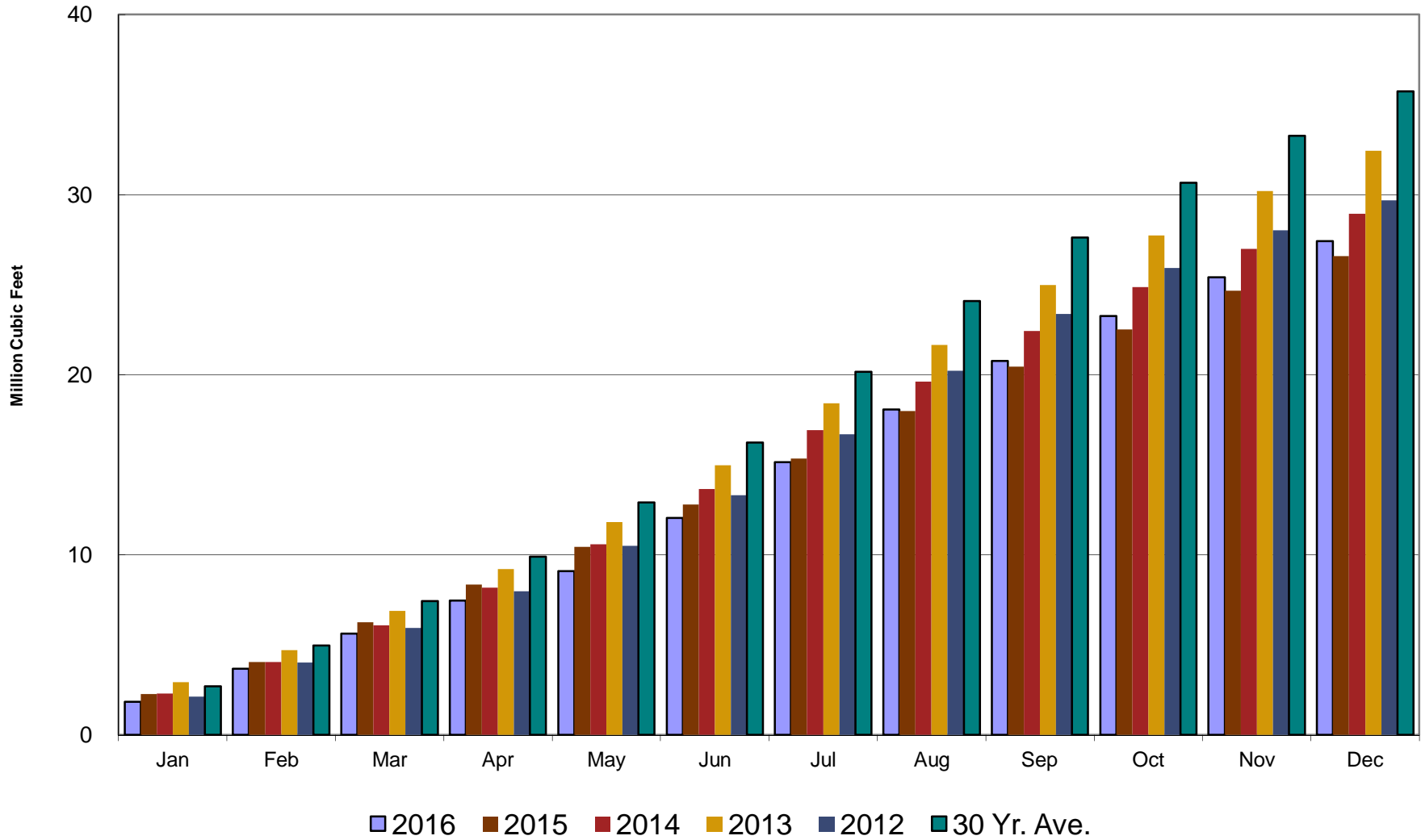
Crestline Village Water District

Total Production by Month



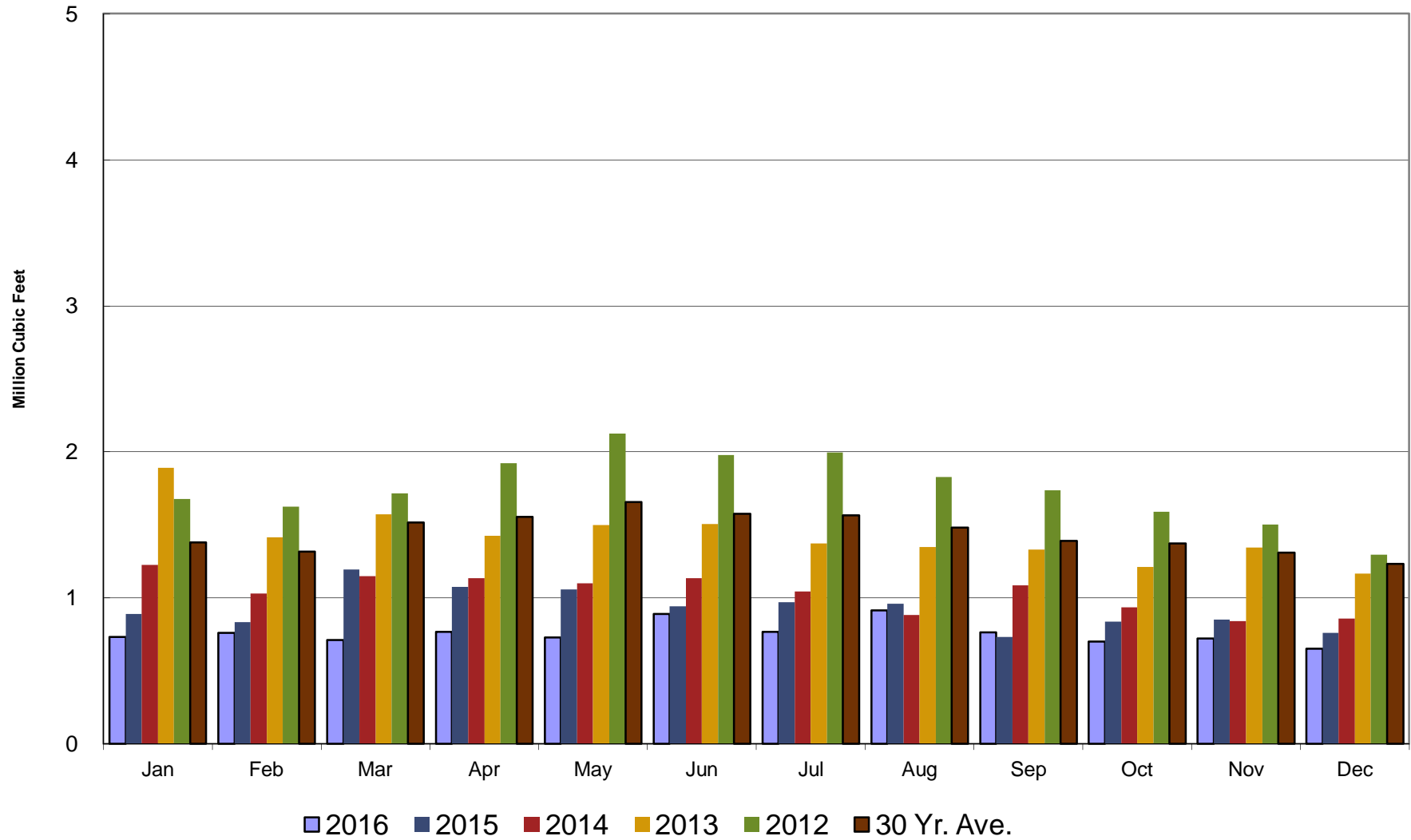
Crestline Village Water District

Total Production Cumulative



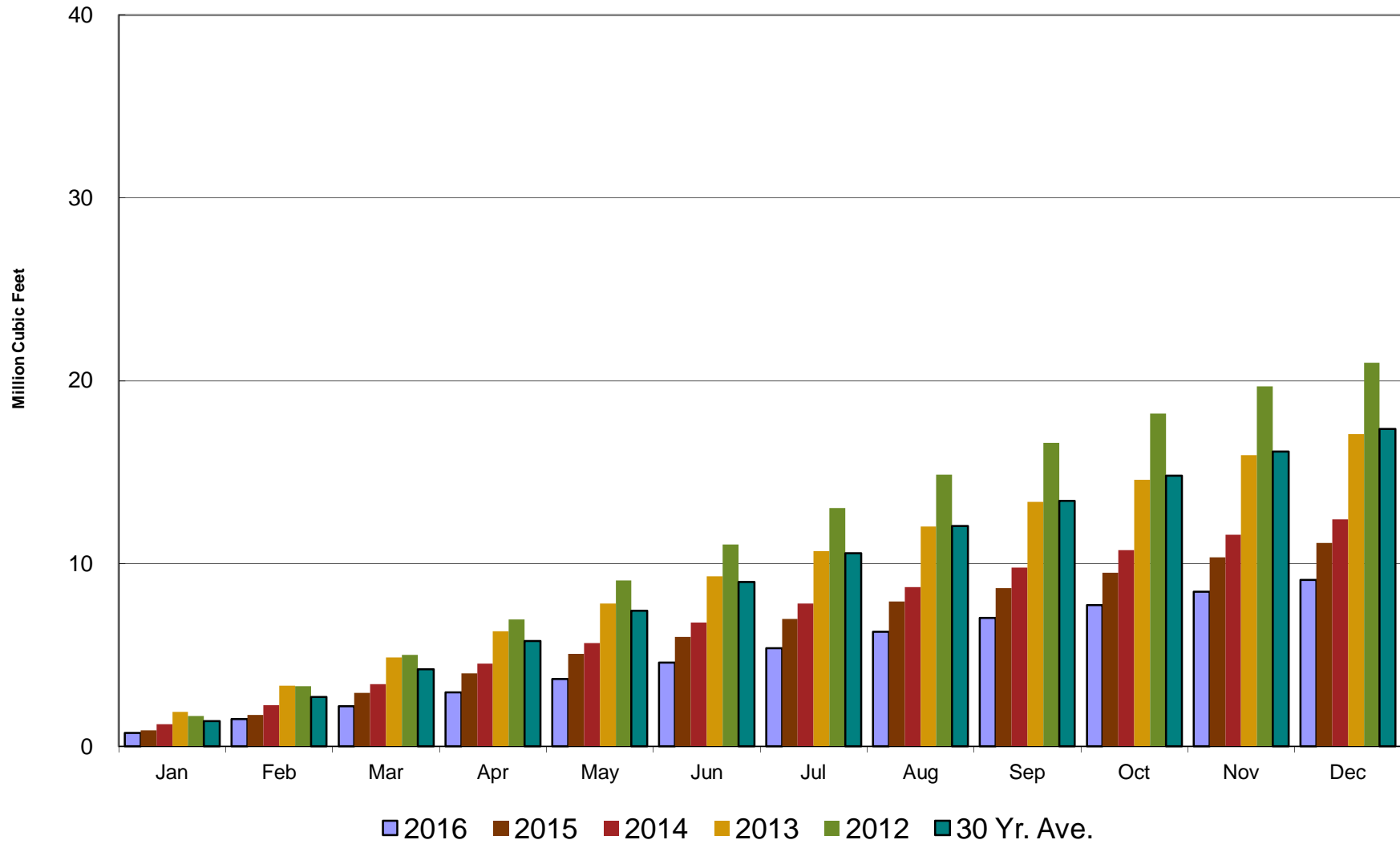
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Well Production by Month



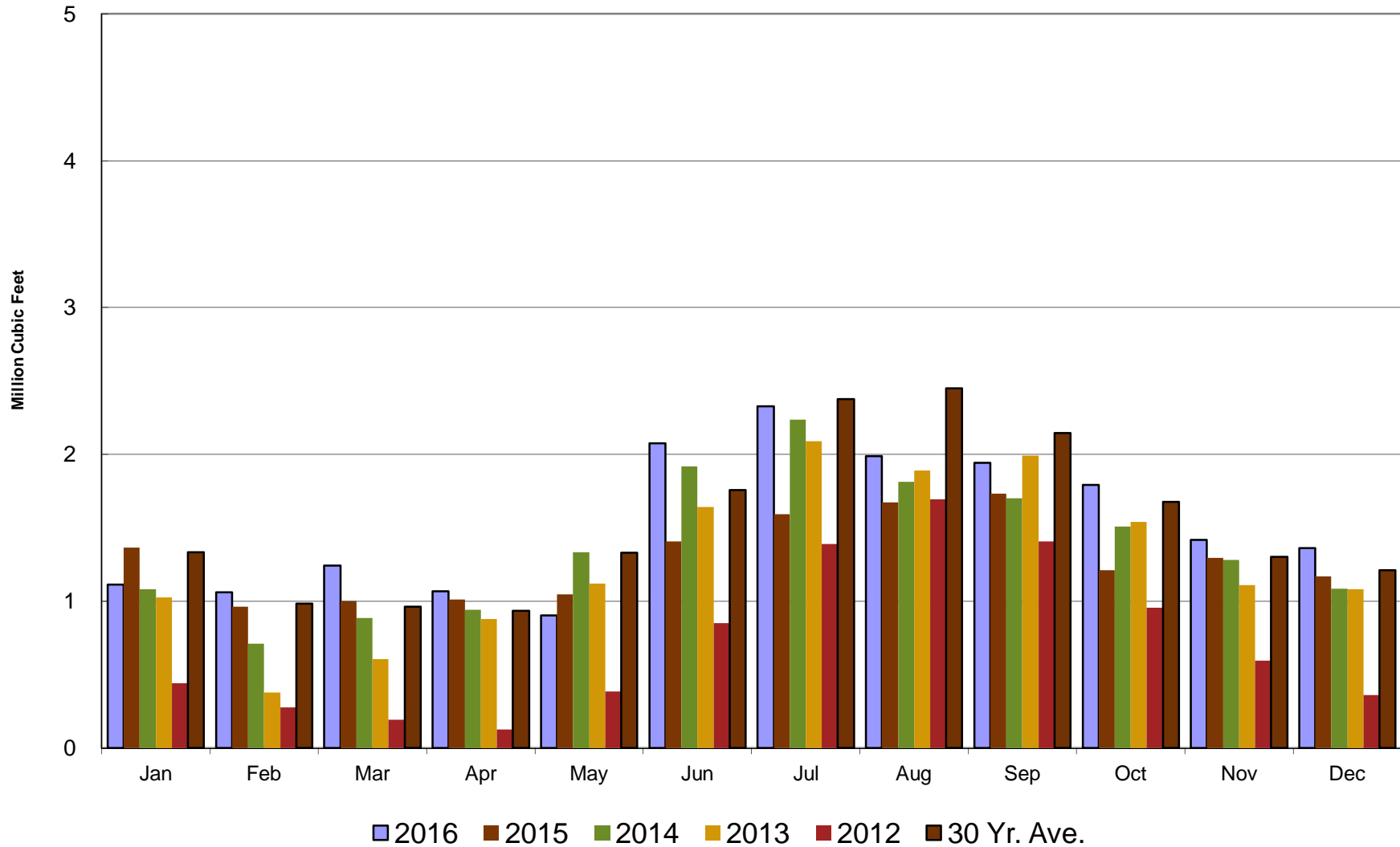
Crestline Village Water District

Well Production Cumulative



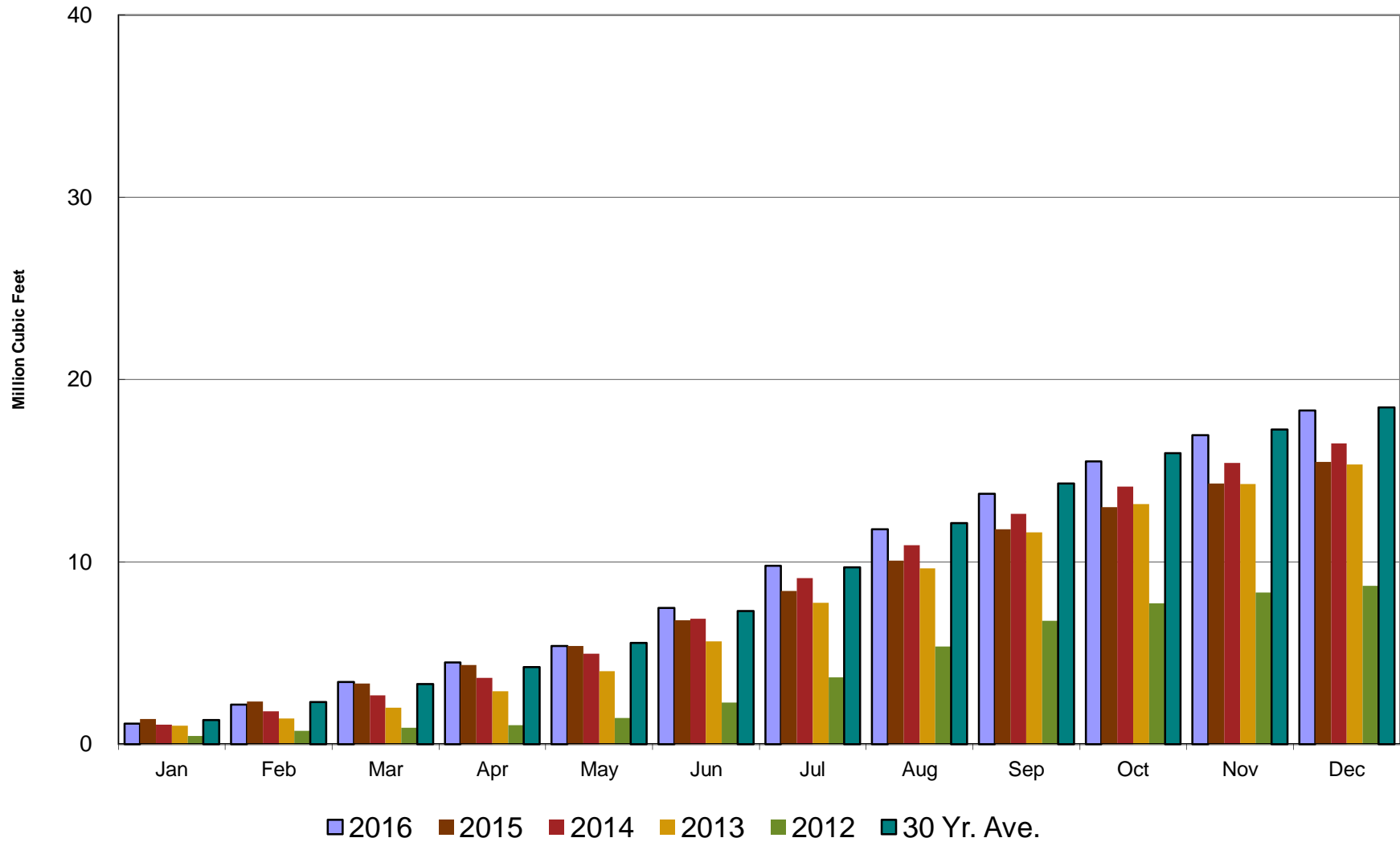
Crestline Village Water District

Purchased Water by Month



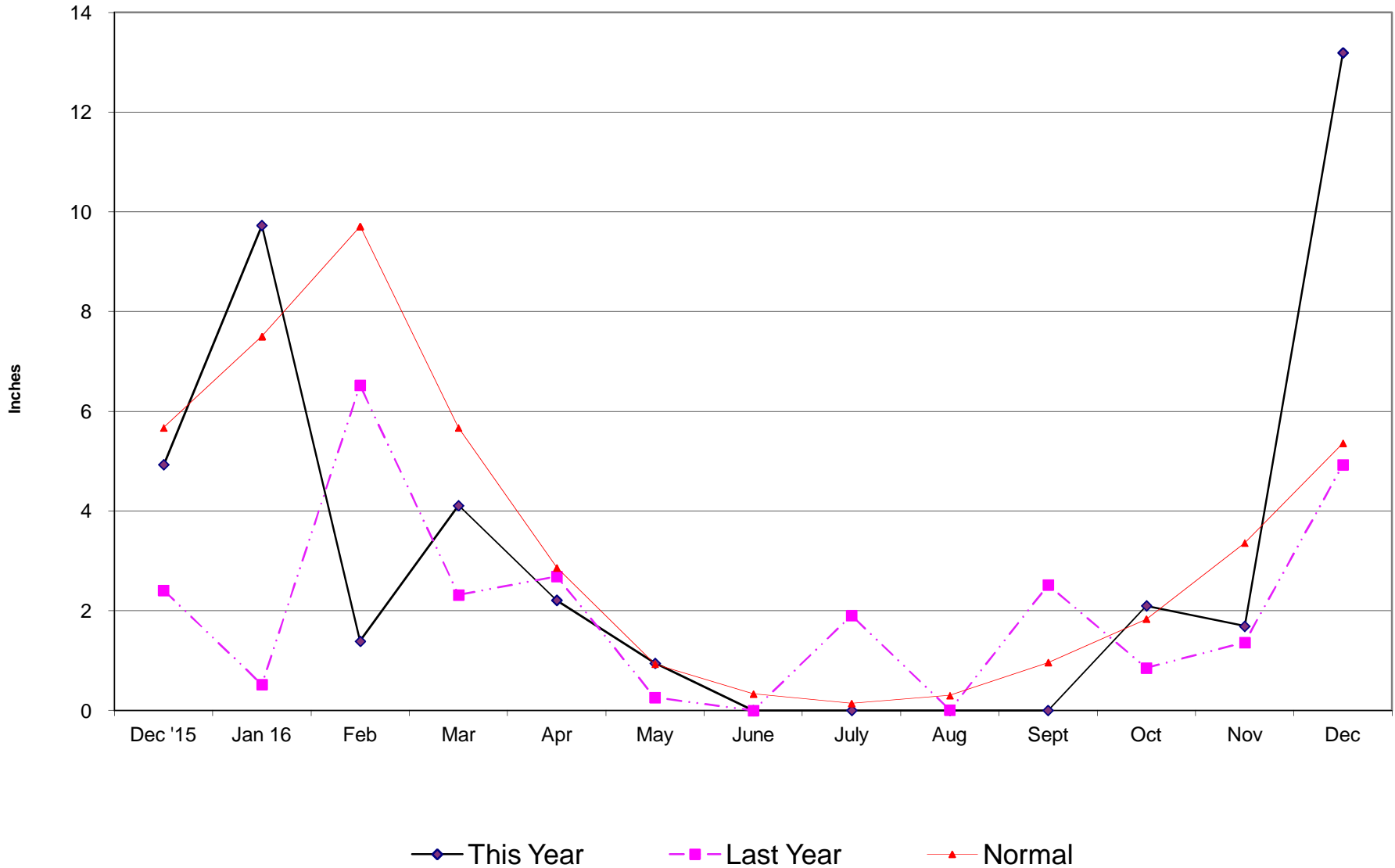
Crestline Village Water District

Purchased Water Cumulative



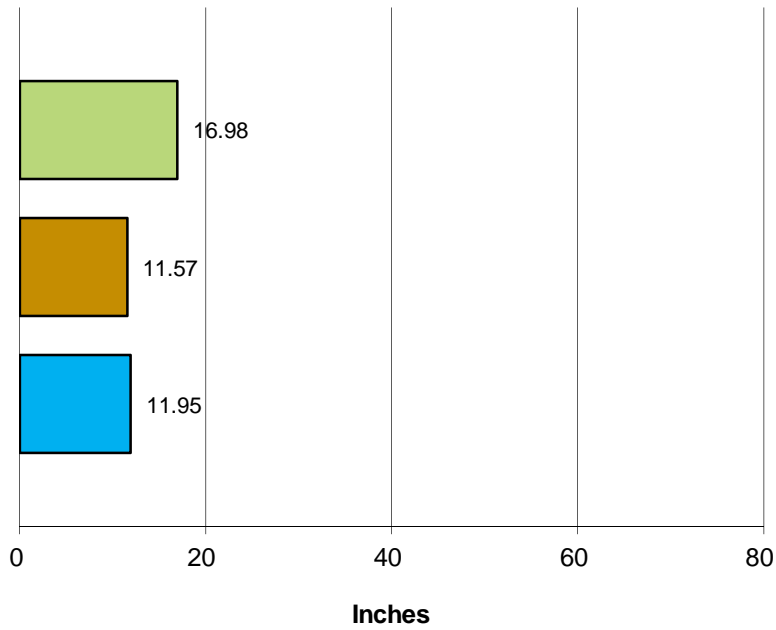
Crestline Village Water District

Rainfall - Last 13 Months



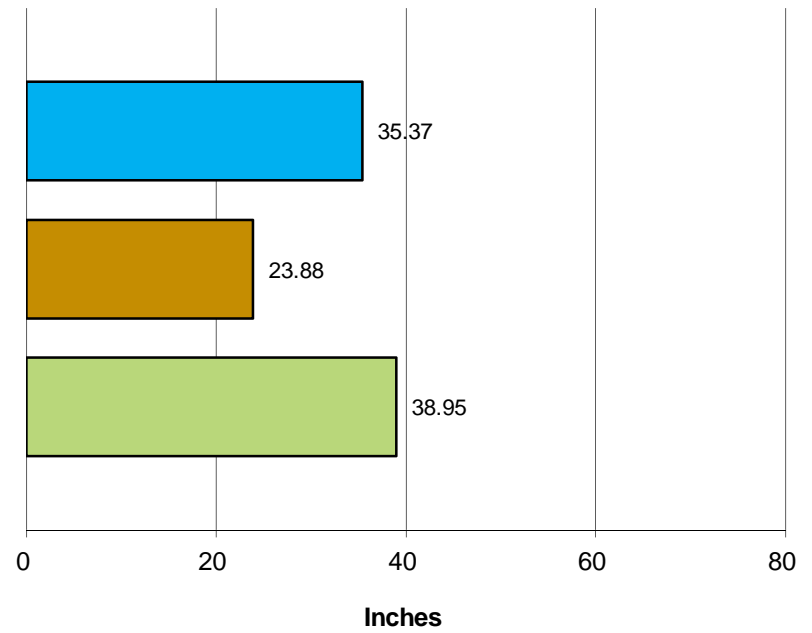
Crestline Village Water District

Total Rainfall July 1, 2016 to Beginning of Current Month



■ This Year ■ Last Year ■ Normal

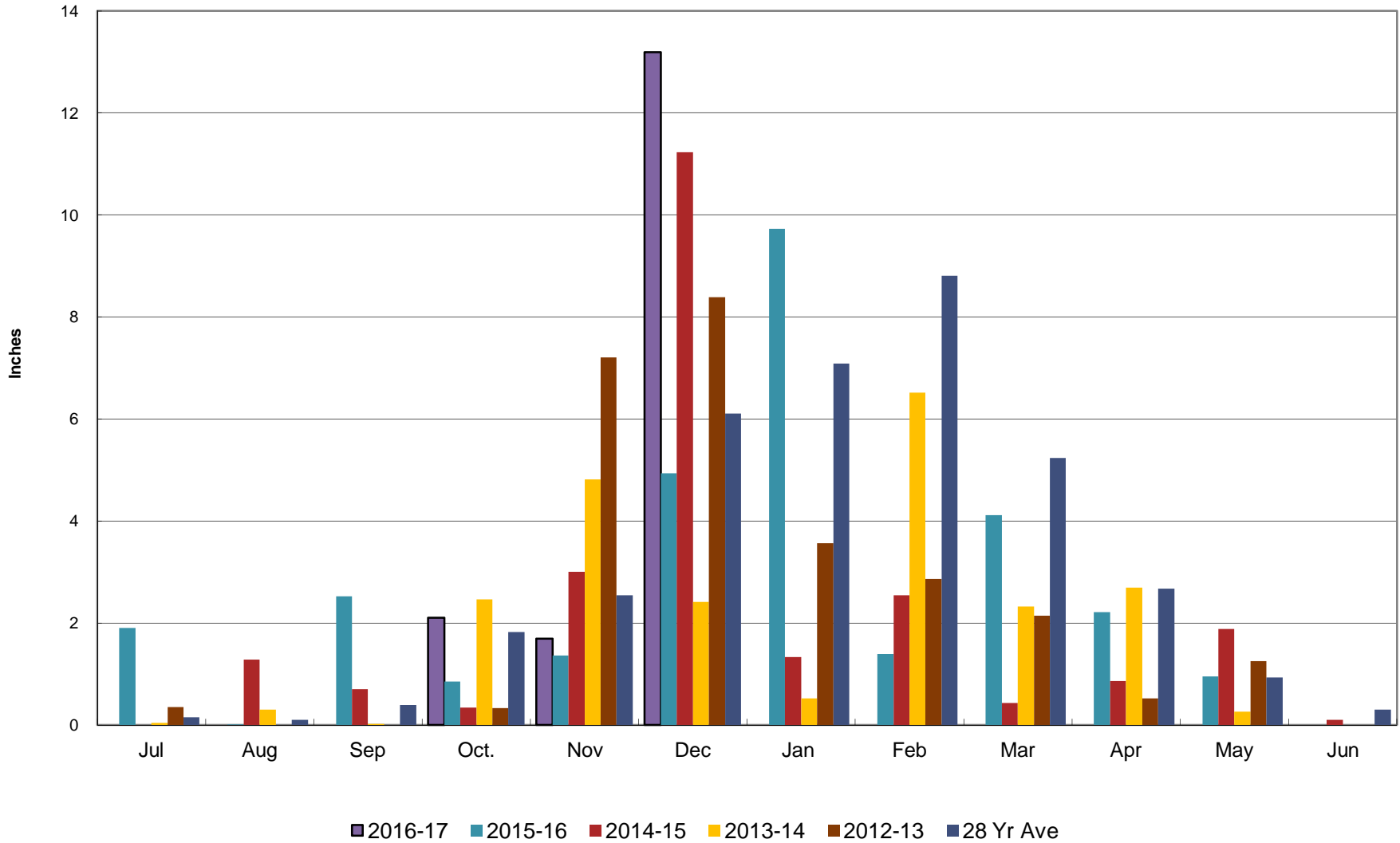
Total Rainfall Last 12 Months



■ This Year ■ Last Year ■ Normal

Crestline Village Water District

Rainfall by Month



Crestline Village Water District

Rainfall Cumulative

