

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

12/13/16

	Nov	Dec	Jan '16	Feb	Mar	Apr	May	June	July	August	September	October	November	Total
Sources of Supply														
Wells	852,555	762,290	732,462	761,607	710,788	766,045	730,757	889,923	768,682	915,107	765,105	700,645	722,247	10,078,213
Purchased Water	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	1,791,444	1,420,053	19,407,914
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Supplied	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	2,492,089	2,142,300	29,486,127
Water Used **														
Metered Accounts														
Crestline Area	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	1,049,772	920,956	13,125,557
Lake Gregory Area	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	1,330,923	1,035,068	14,690,489
Change in Storage	28,149	(52,991)	64,800	(6,116)	43,622	(14,604)	(64,285)	63,211	39,580	(38,244)	(5,327)	(3,701)	(12,883)	41,211
Flushing, System & Other	17,113	23,366	68,699	14,439	36,219	17,589	16,751	16,052	14,609	15,269	15,829	14,439	15,041	285,414
Accounted for Water	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	2,391,433	1,958,182	28,142,671
System Loss (CF)	(148,899)	88,931	79,202	(133,380)	77,924	42,260	4,116	285,206	234,892	289,264	239,165	100,656	184,118	1,343,456
System Loss (%)	-6.9%	4.6%	4.3%	-7.3%	4.0%	2.3%	0.3%	9.6%	7.6%	10.0%	8.8%	4.0%	8.6%	4.6%
System Loss (GPM)	(24.9)	14.9	15.2	(21.0)	13.1	7.3	0.8	43.6	38.1	50.1	41.4	16.9	31.9	19.1
Month to Month Averaging ***														
System Loss (CF)	(74,450)	(29,984)	84,067	(27,089)	(27,728)	60,092	23,188	144,661	260,049	262,078	264,215	169,911	142,387	1,251,397
System Loss (%)	-3.5%	-1.2%	4.4%	-1.5%	-1.7%	3.1%	1.3%	4.9%	8.6%	8.8%	9.4%	6.4%	6.3%	4.2%
System Loss (GPM)	(12.5)	(5.0)	15.1	(2.9)	(4.0)	10.2	4.1	22.2	40.9	44.1	45.7	29.1	24.4	17.8
Estimated Uses														
Known leaks - Est. loss	32,947	1,348	802	16,460	2,005	1,334	0	37,656	18,048	7,580	3,850	3,658	0	125,687
Total Estimated Uses	32,947	1,348	802	16,460	2,005	1,334	0	37,656	18,048	7,580	3,850	3,658	0	125,687
Unaccounted for Water (CF)	(181,846)	87,584	78,400	(149,840)	75,919	40,926	4,116	247,551	216,844	281,684	235,315	96,998	184,118	1,217,768
Unaccounted For (%)	-8.5%	4.5%	4.3%	-8.2%	3.9%	2.2%	0.3%	8.4%	7.0%	9.7%	8.7%	3.9%	8.6%	4.1%
Unaccounted For (GPM)	(30.5)	14.7	15.1	(23.6)	12.7	7.1	0.8	37.8	35.2	48.8	40.7	16.3	31.9	17.3
Number of Days in Period	31	31	27	33	31	30	27	34	32	30	30	31	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

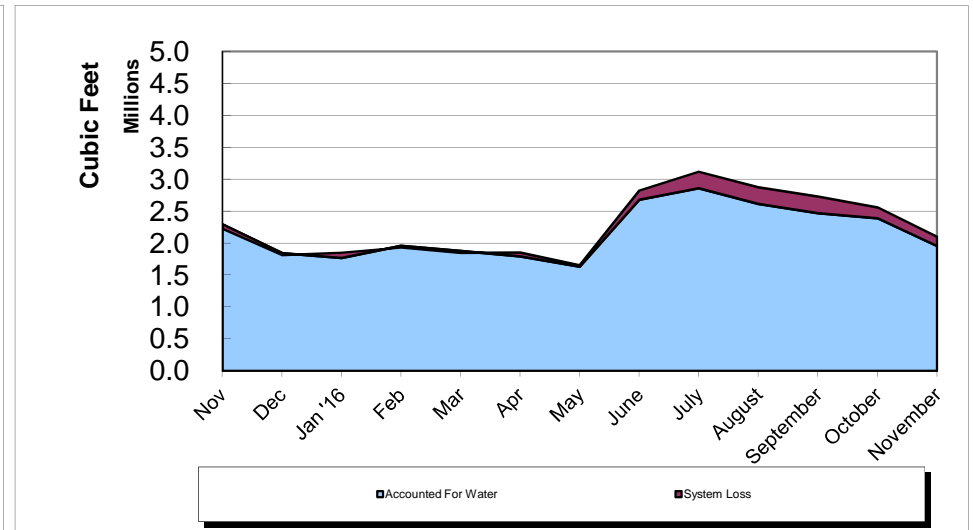
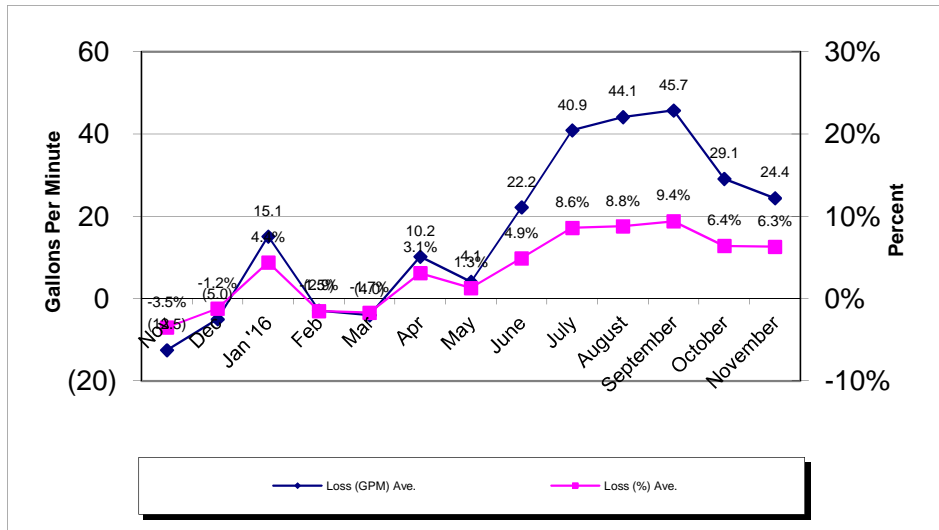
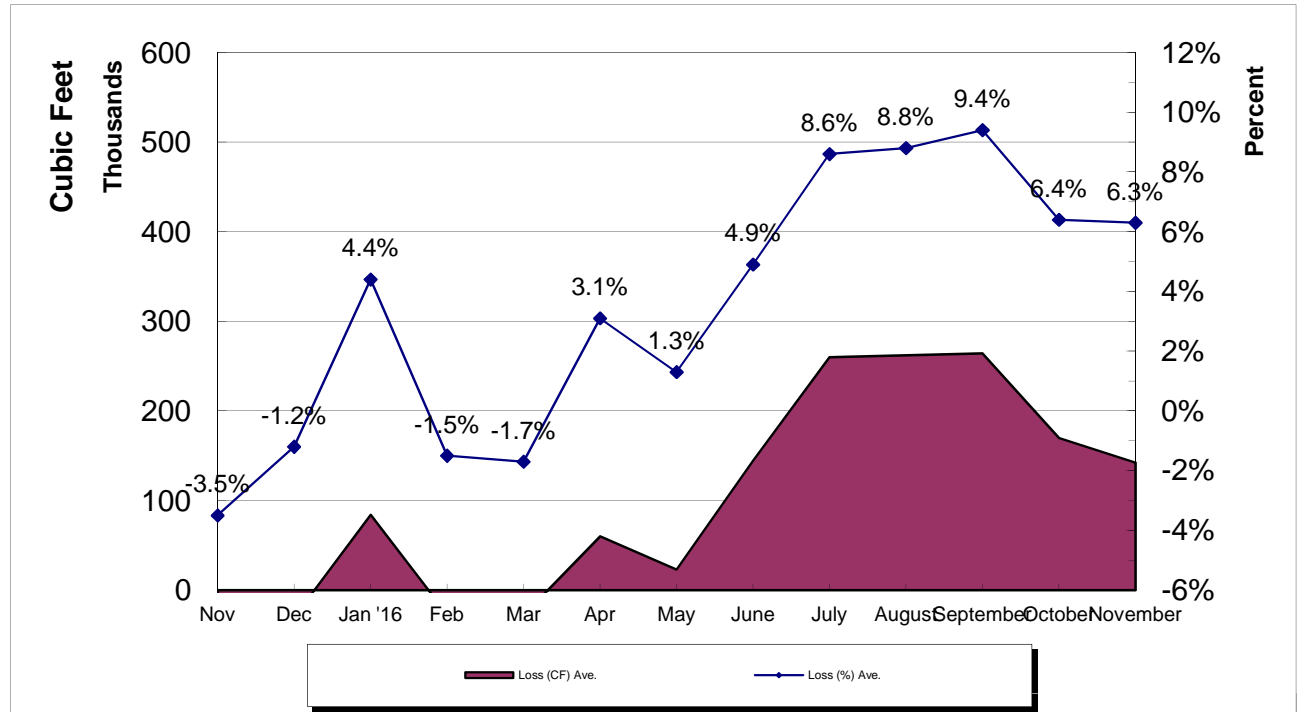
*** - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$3,759	\$2,541
Cost of 5% System Loss:	2,828	2,994
Amount above (below) 5% System Loss	\$931	(\$453)
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: 11/30/16

For Month of: November 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	16.80	246,641	73.04%
Pinecrest I & II	2,063,492	54,302	31.50	1,710,513	82.89%
Zurich	380,500	16,910	18.90	319,599	83.99%
Lakeview	1,230,212	27,959	31.70	886,300	72.04%
Old Mill	705,900	27,150	22.50	610,875	86.54%
Barn	444,443	19,753	18.00	355,554	80.00%
Wilson	983,681	33,920	25.70	871,744	88.62%
Chillon	337,674	14,681	16.60	243,705	72.17%
Brookside	748,067	28,772	22.90	658,879	88.08%
Chamois	1,026,532	39,482	21.10	833,070	81.15%
Total	8,643,529		244.70	7,055,206	81.62%

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	47,451	On
Pioneer-2	32,463	On
Pioneer-1	20,908	On
Old Mill Springs	10,820	On
Maple Springs	0	Off
Willow Springs	0	Off
Brookside Springs	2,800	Off
Hillside Springs	0	Off
Pinecrest 1 & 2	5,310	On
Pinecrest Vertical	109,210	On
Cypress Vertical	85,450	On
Anderson Vertical	0	Off
Wilson Springs 1 & 2	55,399	On
Wilson Vertical	109,400	On
Felsen Vertical	111,934	On
Horst	22,690	On
Jewel 64	62,680	On
Cathcart	12,652	On
Bergschrund	0	Off
Chamois	0	Off
Chamois Vertical	33,080	On
	0	0
	0	0
	0	0
Lewter	0	Off
Total	722,247	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	62	70	(8)	-11.43%	399,064
Mile High 2"	0	0	0	0.00%	0
Mile High 4"	36	40	(4)	-10.00%	231,818
Pinecrest 2"	0	0	0	0.00%	0
Pinecrest 4"	118	120	(2)	-1.67%	731,016
Lake Drive 2"	0	0	0	0.00%	0
Lake Drive 4"	0	0	0	0.00%	0
Camp Seely	0	0	0	0.00%	58,155
Total	216	230	(14)	-6.09%	1,420,053

November Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	217.5	1,298,021		142.8	852,219
Actual M-T-D:	238.0	1,420,053		121.0	722,247
Over/(Under) Last Year:	20.5	122,032.0		(21.8)	(129,972.0)

Total	GPM	Cubic Feet
Last Year M-T-D:	360.3	2,150,240
Actual M-T-D:	359.0	2,142,300
Over/(Under) Last Year:	(1.3)	(7,940.0)

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

12/13/16

<u>Source Name</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>October</u>	<u>November</u>	<u>Last 12 Months</u>	<u>13 Months</u>
Division 10															
Altdorf	54,980	55,759	51,088	59,530	62,225	55,446	51,632	59,926	54,522	49,873	49,063	49,621	47,451	646,136	701,116
Pioneer #2	38,436	38,131	32,996	34,008	37,026	34,391	32,876	39,268	36,444	33,624	33,202	33,558	32,463	417,987	456,423
Pioneer #1	26,353	26,005	26,435	31,125	29,380	26,113	24,162	27,775	24,745	22,175	21,515	21,741	20,908	302,079	328,432
Old Mill Springs	0	0	0	0	0	0	0	15,510	15,990	13,480	12,230	11,960	10,820	79,990	79,990
Maple Springs	3,153	985	1,616	1,229	171	171	0	1,879	1,350	1,958	839	96	0	10,294	13,447
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	11,510	9,830	5,130	3,400	3,740	2,800	36,410	36,410
Hillside Springs	4,670	4,660	3,290	3,440	4,180	2,470	5,210	2,550	0	0	0	0	0	25,800	30,470
Pinecrest	6,170	4,650	4,360	7,870	10,470	11,830	12,430	15,680	14,050	11,780	9,360	7,270	5,310	115,060	121,230
Pinecrest Vertical	106,020	96,870	88,210	87,560	45,680	103,930	95,570	48,930	0	96,020	113,010	47,580	109,210	932,570	1,038,590
Cypress Vertical	98,280	92,760	84,370	84,340	91,040	52,850	113,710	99,000	93,510	86,590	85,650	88,250	85,450	1,057,520	1,155,800
Anderson Vertical	0	8,000	21,900	8,875	400	8,545	517	97,688	120,567	107,490	11,341	6,205	0	391,528	391,528
Division 10 Totals	338,062	327,820	314,265	317,977	280,572	295,746	336,107	419,716	371,008	428,120	339,610	270,021	314,412	4,015,374	4,353,436
Division 20															
Wilson Springs #1 & 2	67,493	62,969	54,699	57,492	61,489	57,211	56,677	69,321	65,038	61,273	60,730	59,563	55,399	721,861	789,354
Wilson Vertical	114,300	77,520	97,800	100,700	109,400	80,300	45,800	96,300	114,300	111,700	112,200	110,200	109,400	1,165,620	1,279,920
Felsen Vertical	167,800	137,980	125,550	135,470	96,670	207,470	123,870	132,060	67,434	178,237	112,363	116,928	111,934	1,545,966	1,713,766
Horst	34,438	33,145	28,044	29,747	32,131	29,432	28,761	33,696	30,771	28,170	27,120	26,608	22,690	350,315	384,753
Jewell No. 64	70,324	65,524	60,948	62,581	67,728	40,156	84,564	73,993	64,965	62,466	62,939	66,528	62,680	775,072	845,396
Cathcart	16,664	16,288	14,228	19,217	20,634	18,210	17,363	20,096	18,274	16,704	15,773	15,967	12,652	205,406	222,070
Bergschrund	3,792	2,982	2,142	2,908	3,053	2,524	2,134	1,937	977	155	0	0	0	18,812	22,604
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	35,440	33,970	31,130	31,610	34,940	32,580	30,860	37,860	34,760	26,960	34,370	34,830	33,080	396,950	432,390
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	4,242	4,092	3,656	3,905	4,171	2,416	4,621	4,944	1,155	1,322	0	0	0	30,282	34,524
Division 20 Totals	514,493	434,470	418,197	443,630	430,216	470,299	394,650	470,207	397,674	486,987	425,495	430,624	407,835	5,210,284	5,724,777
Total District Sources	852,555	762,290	732,462	761,607	710,788	766,045	730,757	889,923	768,682	915,107	765,105	700,645	722,247	9,225,658	10,078,213
C.L.A.W.A.															
Crest Forest 6"	309,759	315,642	303,610	299,064	350,000	327,005	305,481	392,647	369,786	338,636	438,770	419,385	399,064	4,259,090	4,568,849
Mile High Park 2"	173,409	169,171	154,679	162,032	176,190	163,342	33,864	0	0	0	0	0	0	859,278	1,032,687
Mile High Park 4"	0	0	0	0	0	0	118,449	254,545	339,305	287,834	268,850	233,289	231,818	1,734,090	1,734,090
Pinecrest 2"	0	0	0	13	0	0	89,813	0	0	0	187	0	0	90,013	90,013
Pinecrest 4"	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	1,091,444	731,016	10,528,610	11,293,182
Lake Drive 2"	0	0	0	0	0	0	11,070	0	102,447	5,254	0	0	0	118,771	118,771
Lake Drive 4"	0	0	0	134	0	0	28,075	0	0	0	0	0	0	28,209	28,209
Camp Seely	50,000	0	23,529	20,455	26,070	24,198	45,856	90,642	65,642	68,449	21,791	47,326	58,155	492,113	542,113
C.L.A.W.A. Totals	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	1,791,444	1,420,053	18,110,174	19,407,914
Grand Totals	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	2,492,089	2,142,300	27,335,832	29,486,127

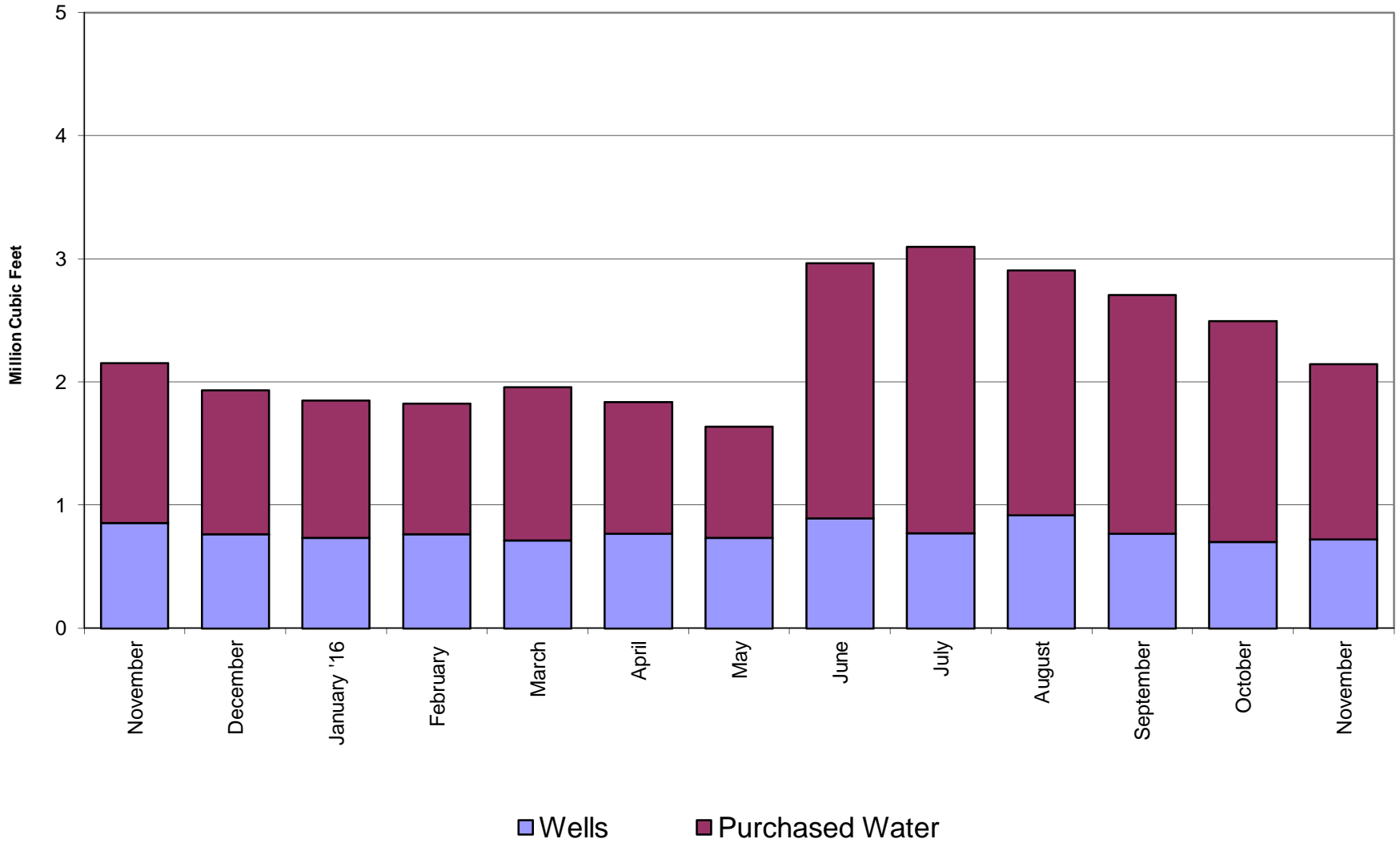
**Crestline Village Water District
Source of Supply Production Report
Cubic Feet
Last 13 Months**

12/13/16

<u>Source Name</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>October</u>	<u>November</u>	<u>Last 12 Months</u>	<u>13 Months</u>
District Sources															
Division 10	338,062	327,820	314,265	317,977	280,572	295,746	336,107	419,716	371,008	428,120	339,610	270,021	314,412	4,015,374	4,353,436
Division 20	514,493	434,470	418,197	443,630	430,216	470,299	394,650	470,207	397,674	486,987	425,495	430,624	407,835	5,210,284	5,724,777
Total	852,555	762,290	732,462	761,607	710,788	766,045	730,757	889,923	768,682	915,107	765,105	700,645	722,247	9,225,658	10,078,213
Division 10	39.65%	43.00%	42.91%	41.75%	39.47%	38.61%	45.99%	47.16%	48.27%	46.78%	44.39%	38.54%	43.53%	43.52%	43.20%
Division 20	60.35%	57.00%	57.09%	58.25%	60.53%	61.39%	54.01%	52.84%	51.73%	53.22%	55.61%	61.46%	56.47%	56.48%	56.80%
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	852,555	762,290	732,462	761,607	710,788	766,045	730,757	889,923	768,682	915,107	765,105	700,645	722,247	9,225,658	10,078,213
C.L.A.W.A.	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	1,791,444	1,420,053	18,110,174	19,407,914
Total Sources	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	2,492,089	2,142,300	27,335,832	29,486,127
District Sources	39.65%	39.44%	39.67%	41.74%	36.34%	41.73%	44.72%	30.01%	24.83%	31.51%	28.26%	28.11%	33.71%	33.75%	34.18%
C.L.A.W.A.	60.35%	60.56%	60.33%	58.26%	63.66%	58.27%	55.28%	69.99%	75.17%	68.49%	71.74%	71.89%	66.29%	66.25%	65.82%
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%

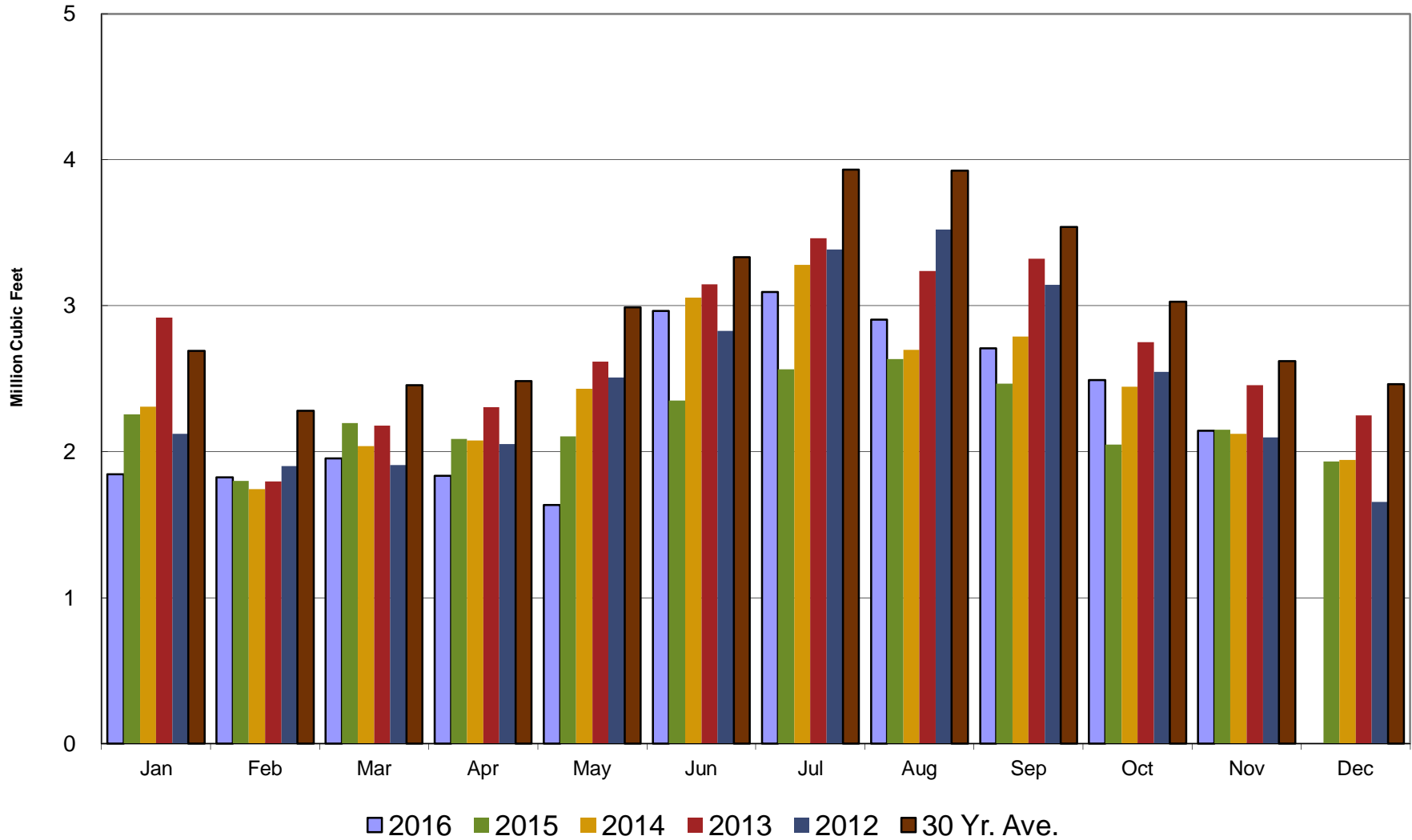
Crestline Village Water District

Water Sources - Last 13 Months



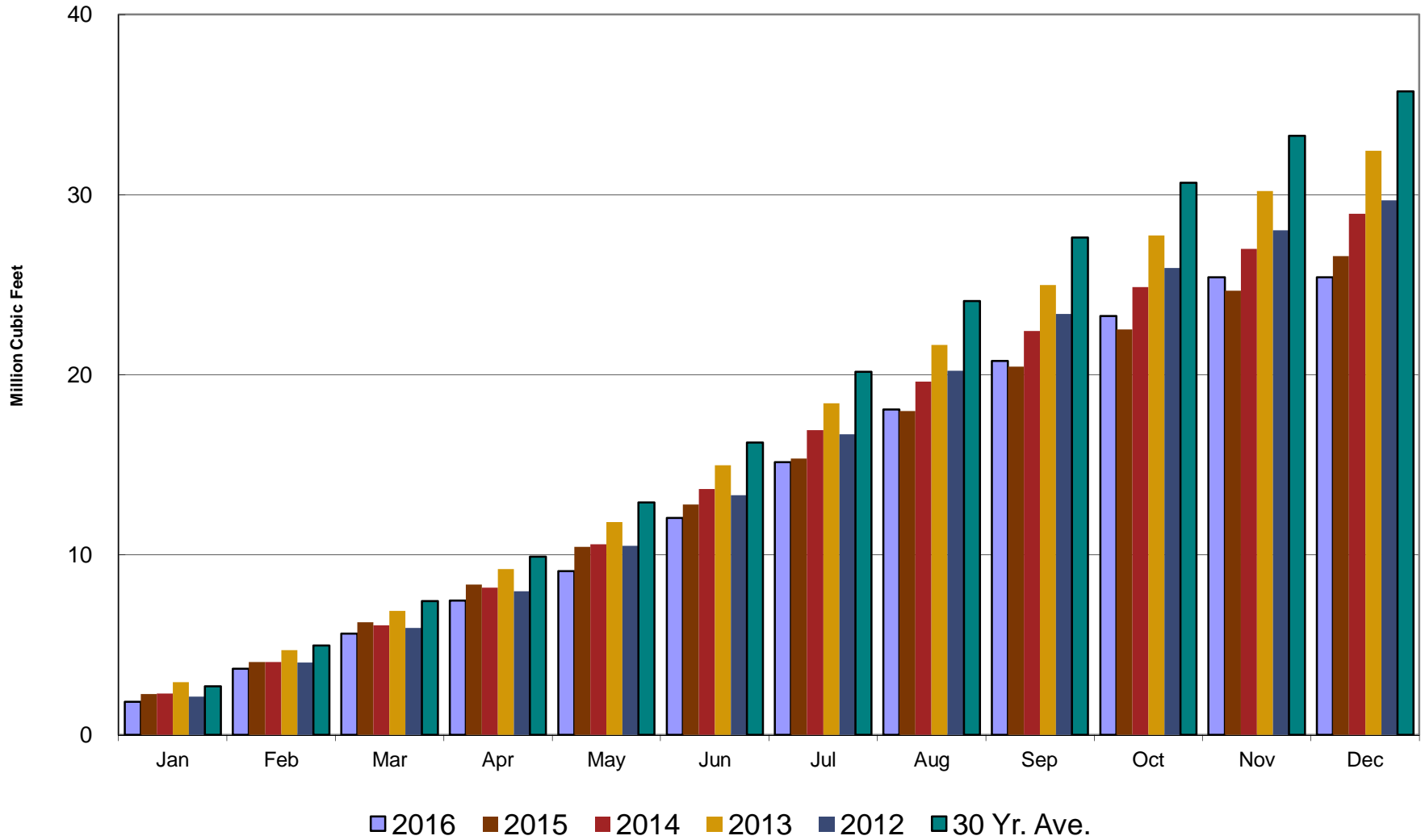
Crestline Village Water District

Total Production by Month



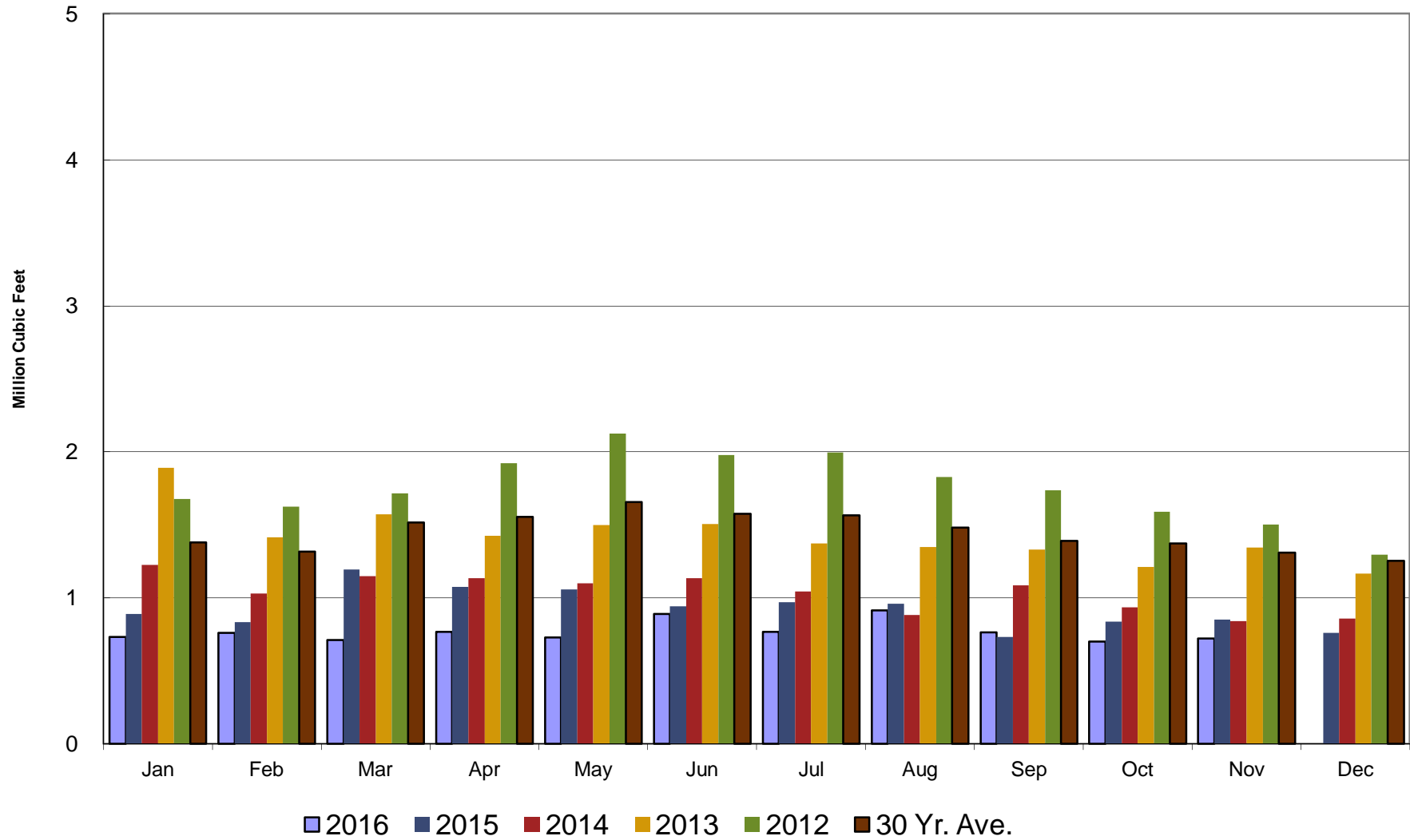
Crestline Village Water District

Total Production Cumulative



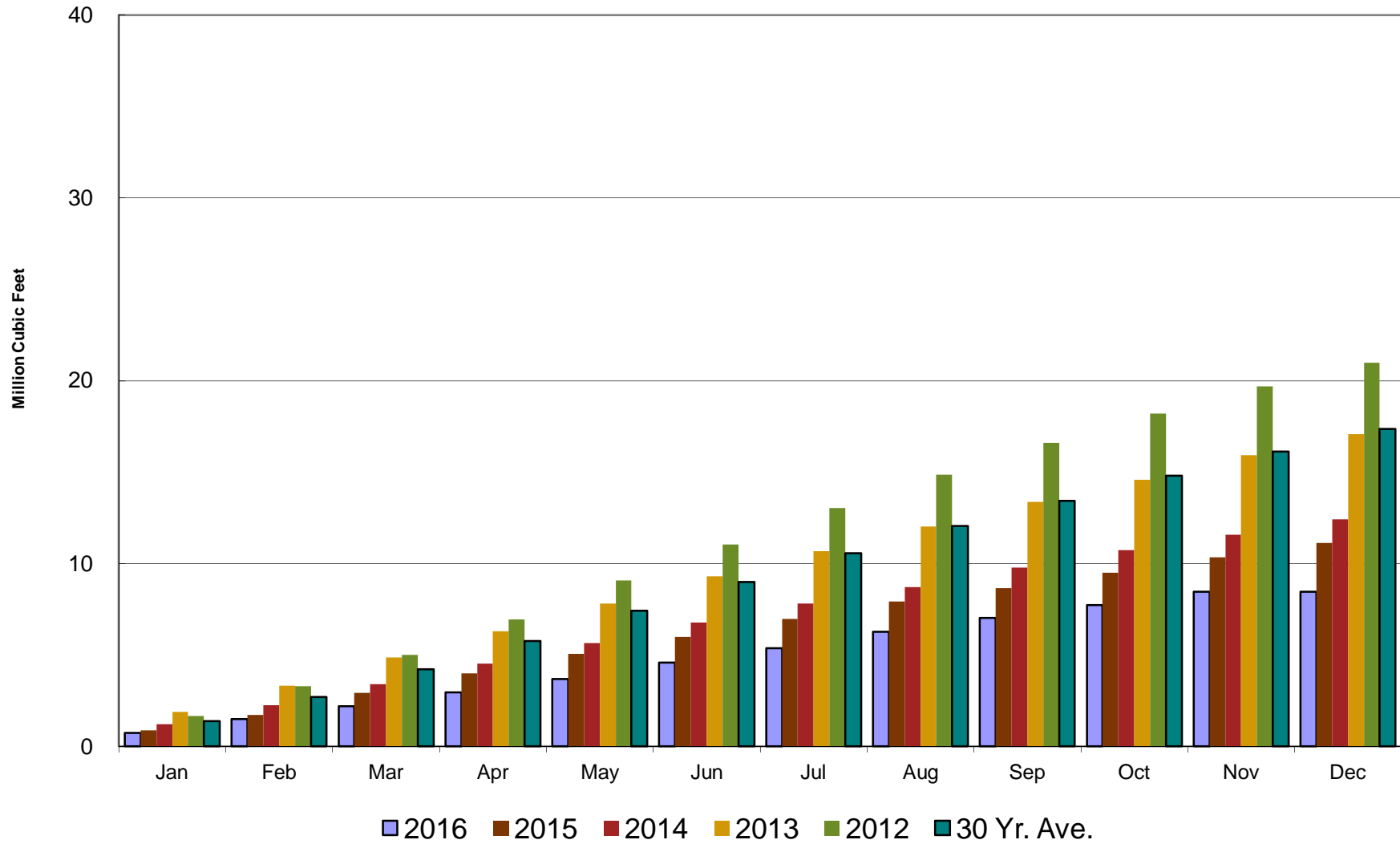
Crestline Village Water District

Well Production by Month



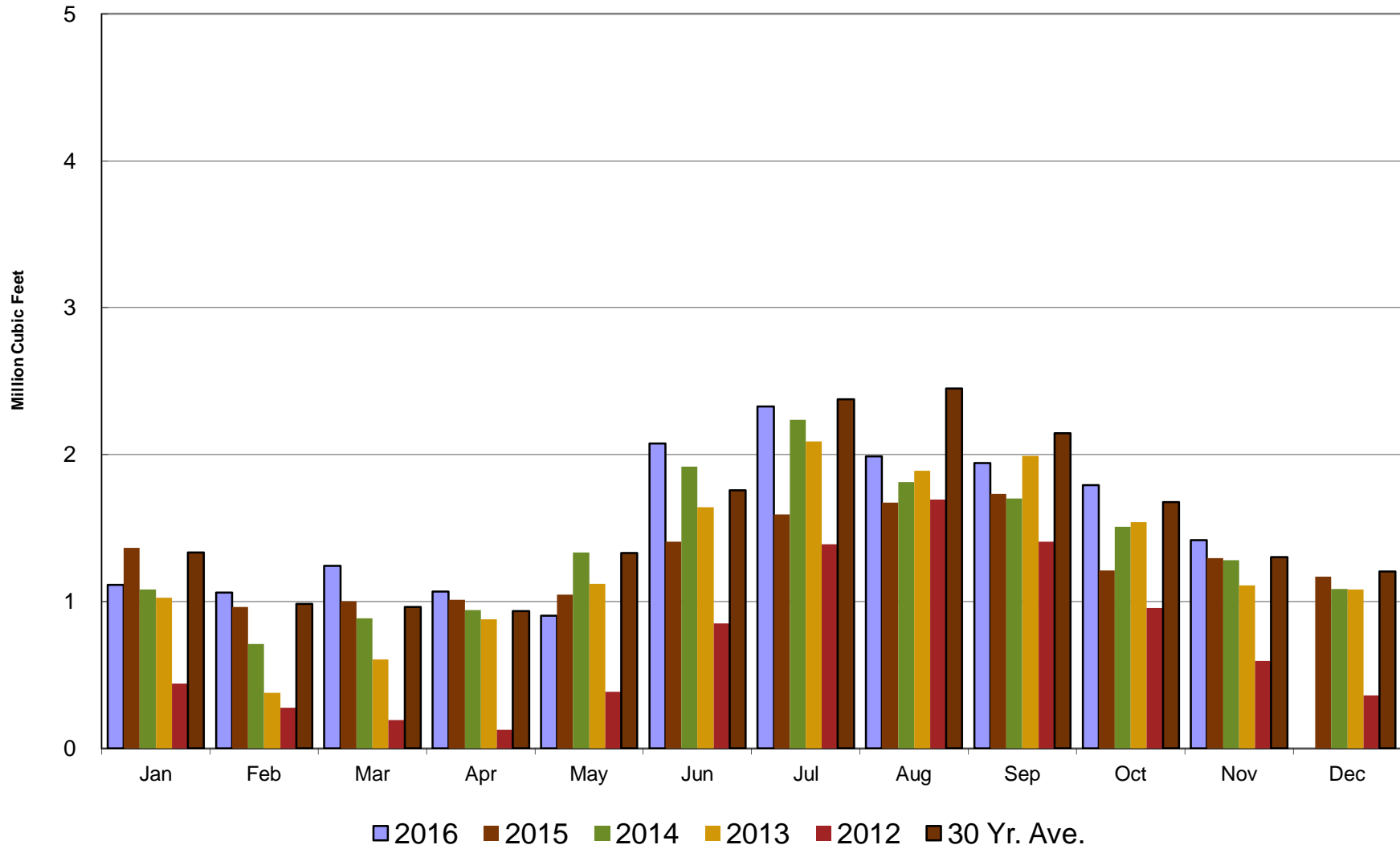
Crestline Village Water District

Well Production Cumulative



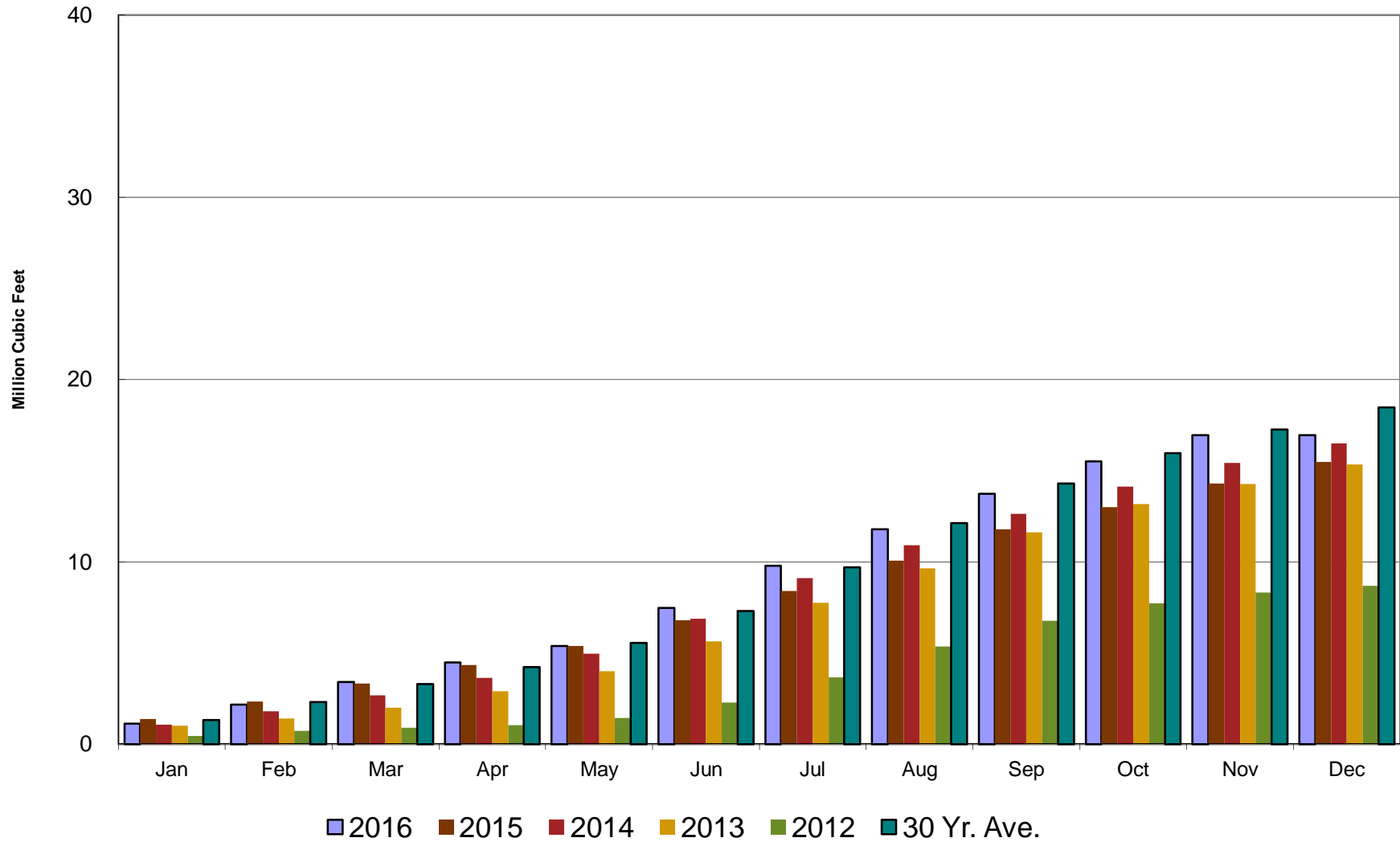
Crestline Village Water District

Purchased Water by Month



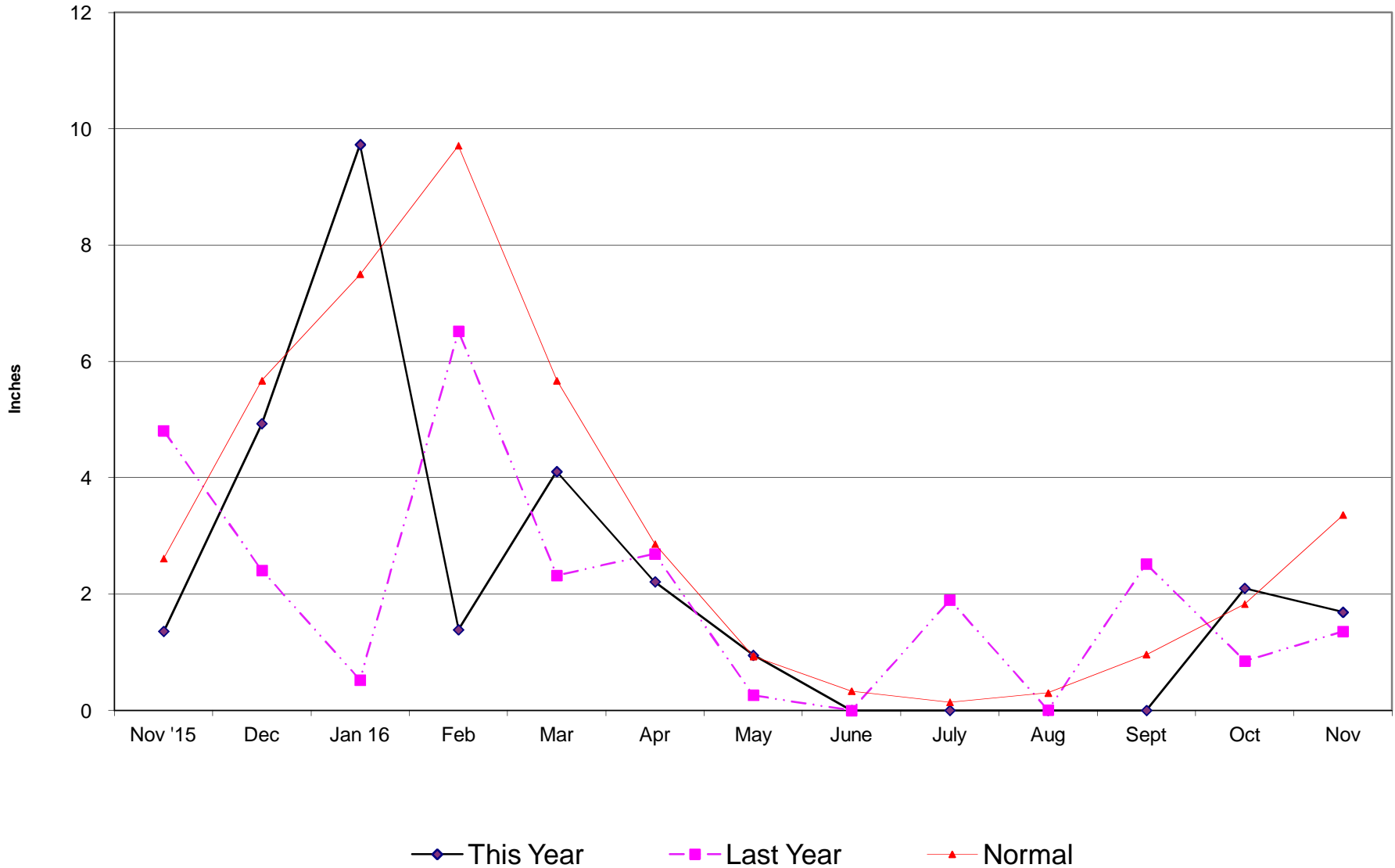
Crestline Village Water District

Purchased Water Cumulative



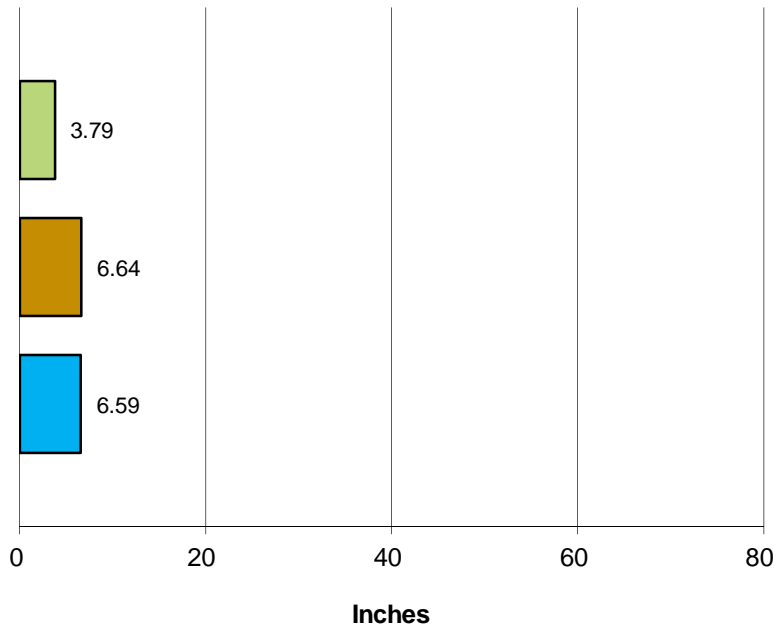
Crestline Village Water District

Rainfall - Last 13 Months



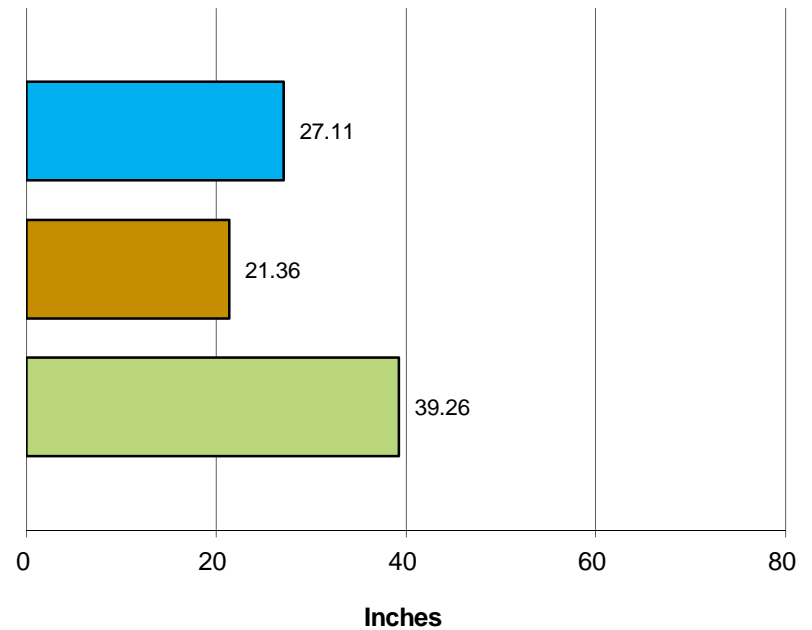
Crestline Village Water District

Total Rainfall July 1, 2016 to Beginning of Current Month



■ This Year ■ Last Year ■ Normal

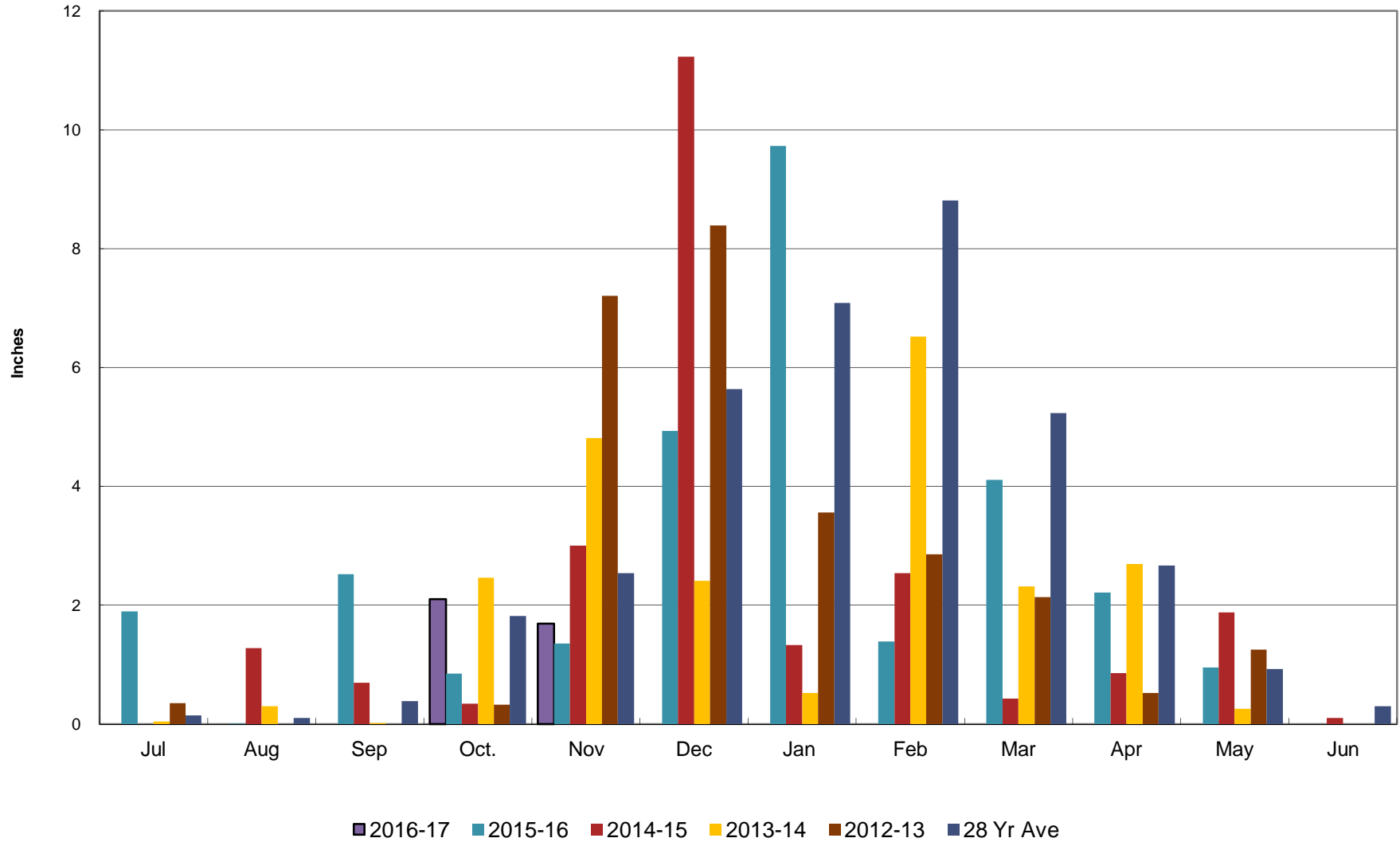
Total Rainfall Last 12 Months



■ This Year ■ Last Year ■ Normal

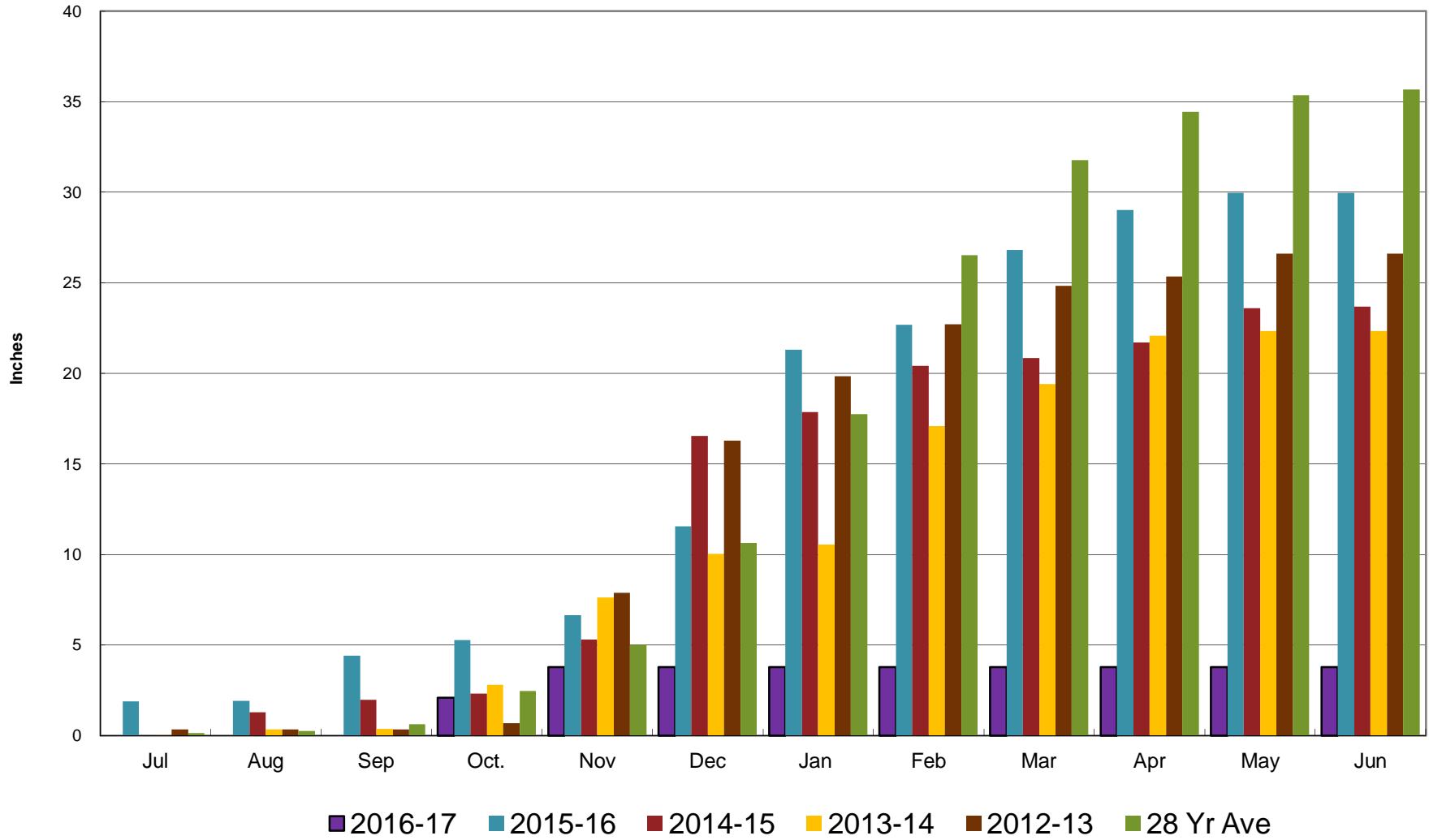
Crestline Village Water District

Rainfall by Month



Crestline Village Water District

Rainfall Cumulative



Crestline Village Water District