

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

04/13/16

	Mar	Apr	May	June	July	August	Sept	Oct	Nov	Dec	Jan '16	Feb	Mar	Total
Sources of Supply														
Wells	1,193,310	1,076,113	1,059,928	943,051	970,810	961,233	732,548	837,185	852,555	762,290	732,462	761,607	710,788	11,593,880
Purchased Water	1,002,740	1,012,206	1,046,592	1,406,645	1,592,273	1,674,706	1,733,087	1,212,180	1,297,740	1,170,642	1,113,770	1,062,981	1,245,041	16,570,603
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Supplied	2,196,050	2,088,319	2,106,520	2,349,696	2,563,083	2,635,939	2,465,635	2,049,365	2,150,295	1,932,932	1,846,232	1,824,588	1,955,829	28,164,483
Water Used **														
Metered Accounts														
Crestline Area	949,063	921,711	948,087	1,059,926	1,101,278	1,154,099	1,047,264	949,866	915,117	916,098	752,261	923,471	868,251	12,506,492
Lake Gregory Area	969,907	963,662	1,026,305	1,020,670	1,248,655	1,189,430	1,332,347	1,042,965	1,338,815	957,528	881,270	1,026,174	929,813	13,927,541
Change in Storage	(41,242)	36,728	(64,664)	58,023	(49,826)	(34,387)	98,916	(76,490)	28,149	(52,991)	64,800	(6,116)	43,622	4,522
Flushing, System & Other	20,228	16,799	16,313	15,442	14,439	17,845	15,739	16,639	17,113	23,366	68,699	14,439	36,219	293,280
Accounted for Water	1,897,956	1,938,900	1,926,041	2,154,061	2,314,546	2,326,987	2,494,266	1,932,980	2,299,194	1,844,001	1,767,030	1,957,968	1,877,905	26,731,835
System Loss (CF)	298,094	149,419	180,479	195,635	248,537	308,952	(28,631)	116,385	(148,899)	88,931	79,202	(133,380)	77,924	1,432,648
System Loss (%)	13.6%	7.2%	8.6%	8.3%	9.7%	11.7%	-1.2%	5.7%	-6.9%	4.6%	4.3%	-7.3%	4.0%	5.1%
System Loss (GPM)	48.4	25.9	29.3	33.9	43.0	51.8	(5.0)	20.2	(24.9)	14.9	15.2	(21.0)	13.1	20.6
Month to Month Averaging ***														
System Loss (CF)	149,047	223,756	164,949	188,057	222,086	278,744	140,160	43,877	(16,257)	(29,984)	84,067	(27,089)	(27,728)	1,393,685
System Loss (%)	6.8%	10.4%	7.9%	8.4%	9.0%	10.7%	5.3%	2.3%	-0.6%	-1.2%	4.4%	-1.5%	-1.7%	4.9%
System Loss (GPM)	24.2	37.1	27.6	31.6	38.5	47.4	23.4	7.6	(2.4)	(5.0)	15.1	(2.9)	(4.0)	20.0
Estimated Uses														
Known leaks - Est. loss	1,810	5,824	6,497	12,096	6,209	11,278	3,826	6,786	32,947	1,348	802	16,460	2,005	107,887
Total Estimated Uses	1,810	5,824	6,497	12,096	6,209	11,278	3,826	6,786	32,947	1,348	802	16,460	2,005	107,887
Unaccounted for Water (CF)	296,284	143,595	173,982	183,539	242,328	297,674	(32,457)	109,599	(181,846)	87,584	78,400	(149,840)	75,919	1,324,760
Unaccounted For (%)	13.5%	6.9%	8.3%	7.8%	9.5%	11.3%	-1.3%	5.4%	-8.5%	4.5%	4.3%	-8.2%	3.9%	4.7%
Unaccounted For (GPM)	48.1	24.9	28.2	31.8	42.0	49.9	(5.6)	19.0	(30.5)	14.7	15.1	(23.6)	12.7	19.0
Number of Days in Period	32	30	32	30	30	31	30	30	31	31	27	33	31	362

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

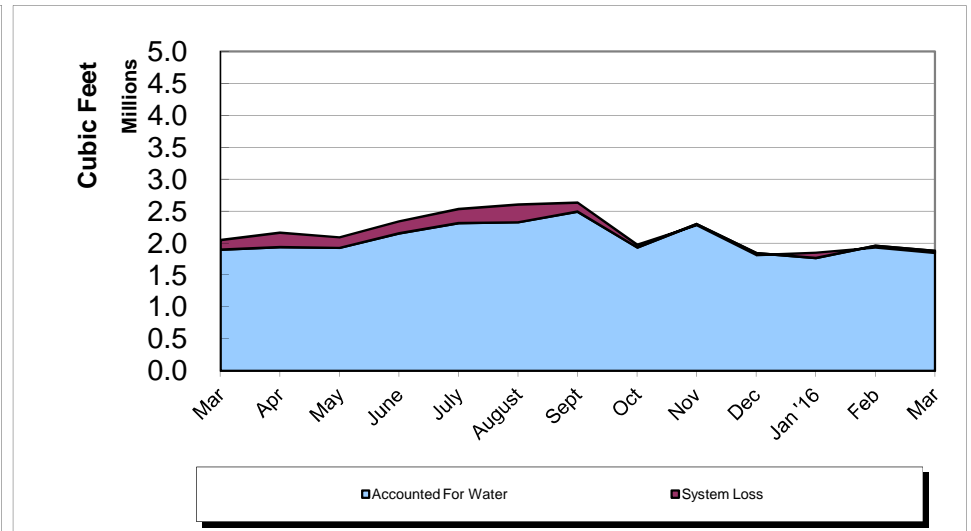
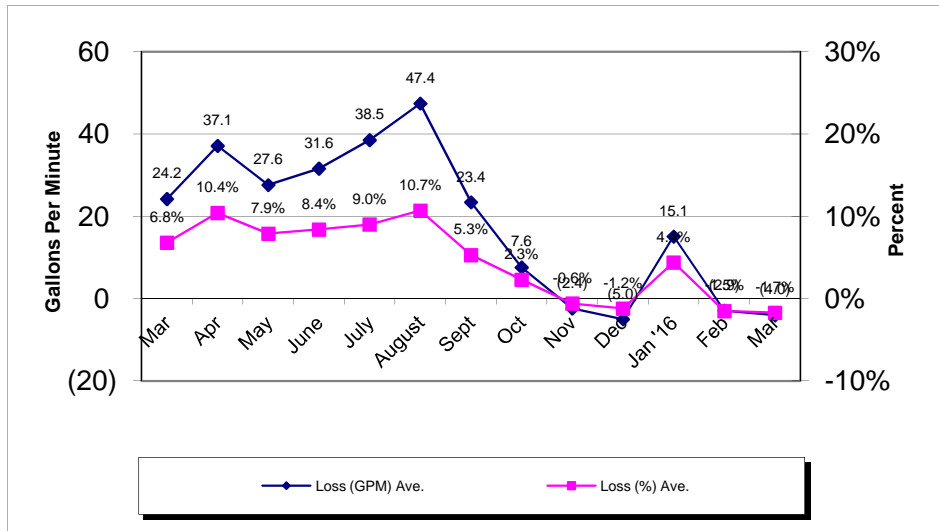
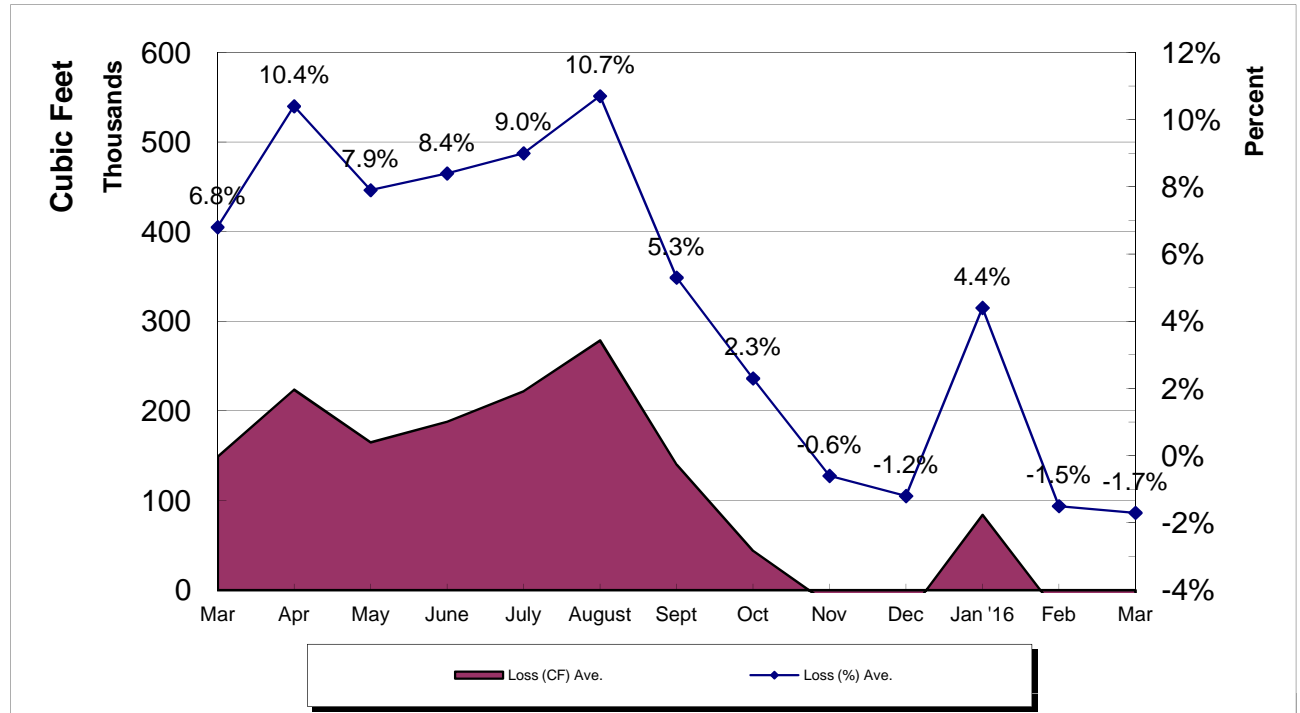
*** - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	(\$732)	\$2,830
Cost of 5% System Loss:	2,582	2,860
Amount above (below) 5% System Loss	(\$3,314)	(\$30)
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: 03/31/16

For Month of: March 2016

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,754	19.40	325,028	84.35%
Saxon	337,674	14,681	17.00	249,577	73.91%
Pinecrest I & II	2,063,492	54,302	33.50	1,819,117	88.16%
Zurich	380,500	16,910	20.30	343,273	90.22%
Lakeview	1,230,212	27,959	37.60	1,051,258	85.45%
Old Mill	705,900	27,150	23.60	640,740	90.77%
Barn	444,443	19,753	19.30	381,233	85.78%
Wilson	983,681	33,920	26.60	902,272	91.72%
Chillon	337,674	14,681	17.40	255,449	75.65%
Brookside	748,067	28,772	18.30	526,528	70.39%
Chamois	1,026,532	39,482	21.40	844,915	82.31%
Total	8,643,529		254.40	7,339,390	84.91%

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	62,225	On
Pioneer-2	37,026	On
Pioneer-1	29,380	On
Old Mill Springs	0	Off
Maple Springs	171	Off
Willow Springs	0	Off
Brookside Springs	0	Off
Hillside Springs	4,180	On
Pinecrest 1 & 2	10,470	On
Pinecrest Vertical	45,680	On
Cypress Vertical	91,040	On
Anderson Vertical	400	Off
Wilson Springs 1 & 2	61,489	On
Wilson Vertical	109,400	On
Felsen Vertical	96,670	On
Horst	32,131	On
Jewel 64	67,728	On
Cathcart	20,634	On
Bergschrund	3,053	On
Chamois	0	Off
Chamois Vertical	34,940	On
	0	0
	0	0
	0	0
Lewter	4,171	On
Total	710,788	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	60	60	0	0.00%	350,000
Mile High 2"	30	30	0	0.00%	176,190
Mile High 4"	0	0	0	0.00%	0
Pinecrest 2"	0	0	0	0.00%	0
Pinecrest 4"	100	100	0	0.00%	692,781
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%	26,070
Total	190	190	0	0.00%	1,245,041

March Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	157.8	941,737		187.9	1,121,371
Actual M-T-D:	208.6	1,245,041		119.1	710,788
Over/(Under) Last Year:	50.8	303,304.0		(68.8)	(410,583.0)

Total	GPM	Cubic Feet
Last Year M-T-D:	345.7	2,063,108
Actual M-T-D:	327.7	1,955,829
Over/(Under) Last Year:	(18.0)	(107,279.0)

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

04/13/16

<u>Source Name</u>	<u>March '16</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>January '16</u>	<u>February</u>	<u>March</u>	<u>Last 12 Months</u>	<u>13 Months</u>
Division 10															
Altdorf	65,113	59,329	62,534	55,514	57,920	56,285	54,015	53,232	54,980	55,759	51,088	59,530	62,225	682,411	747,524
Pioneer #2	45,747	39,207	43,330	38,646	40,711	39,978	38,439	37,606	38,436	38,131	32,996	34,008	37,026	458,514	504,261
Pioneer #1	37,474	30,898	31,038	27,345	28,606	28,202	26,813	26,155	26,353	26,005	26,435	31,125	29,380	338,355	375,829
Old Mill Springs	18,050	15,260	15,320	14,520	14,220	12,640	5,860	0	0	0	0	0	0	77,820	95,870
Maple Springs	15,431	14,846	9,536	8,425	7,530	8,280	2,745	1,300	3,153	985	1,616	1,229	171	59,816	75,247
Willow Springs	3,140	1,950	1,080	310	120	0	0	0	0	0	0	0	0	3,460	6,600
Brookside Springs	10,150	8,710	9,350	7,880	7,340	8,020	0	0	0	0	0	0	0	41,300	51,450
Hillside Springs	7,580	6,750	6,930	5,970	6,050	5,740	5,230	4,820	4,670	4,660	3,290	3,440	4,180	61,730	69,310
Pinecrest	17,370	16,810	17,240	14,220	13,450	11,340	8,990	7,630	6,170	4,650	4,360	7,870	10,470	123,200	140,570
Pinecrest Vertical	222,090	177,100	171,630	121,800	134,370	129,720	117,560	88,620	106,020	96,870	88,210	87,560	45,680	1,365,140	1,587,230
Cypress Vertical	87,680	85,390	91,520	83,080	87,410	78,150	7,270	123,480	98,280	92,760	84,370	84,340	91,040	1,007,090	1,094,770
Anderson Vertical	56,100	83,500	23,700	54,200	48,000	44,700	12,600	900	0	8,000	21,900	8,875	400	306,775	362,875
Division 10 Totals	585,925	539,750	483,208	431,910	445,727	423,055	279,522	343,743	338,062	327,820	314,265	317,977	280,572	4,525,611	5,111,536
Division 20															
Wilson Springs #1 & 2	90,102	80,236	83,274	70,981	73,134	74,192	67,937	66,926	67,493	62,969	54,699	57,492	61,489	820,822	910,924
Wilson Vertical	130,200	123,000	127,300	113,100	115,800	118,900	65,100	113,100	114,300	77,520	97,800	100,700	109,400	1,276,020	1,406,220
Felsen Vertical	189,000	157,720	179,070	162,870	163,600	172,150	154,910	152,920	167,800	137,980	125,550	135,470	96,670	1,806,710	1,995,710
Horst	45,100	40,000	41,500	36,700	37,800	37,334	35,152	34,460	34,438	33,145	28,044	29,747	32,131	420,451	465,551
Jewell No. 64	78,239	68,198	75,214	65,280	69,801	69,751	67,354	65,441	70,324	65,524	60,948	62,581	67,728	808,144	886,383
Cathcart	19,100	17,100	17,900	15,800	16,600	18,862	18,517	17,747	16,664	16,288	14,228	19,217	20,634	209,557	228,657
Bergschrund	10,675	9,354	9,266	7,611	7,303	6,290	5,197	4,468	3,792	2,982	2,142	2,908	3,053	64,366	75,041
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	40,240	36,480	38,590	34,690	36,760	36,420	34,870	34,350	35,440	33,970	31,130	31,610	34,940	419,250	459,490
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	4,729	4,275	4,606	4,109	4,285	4,279	3,989	4,030	4,242	4,092	3,656	3,905	4,171	49,639	54,368
Division 20 Totals	607,385	536,363	576,720	511,141	525,083	538,178	453,026	493,442	514,493	434,470	418,197	443,630	430,216	5,874,959	6,482,344
Total District Sources	1,193,310	1,076,113	1,059,928	943,051	970,810	961,233	732,548	837,185	852,555	762,290	732,462	761,607	710,788	10,400,570	11,593,880
C.L.A.W.A.															
Crest Forest 6"	316,711	289,037	330,615	303,209	392,380	402,005	437,299	362,701	309,759	315,642	303,610	299,064	350,000	4,095,321	4,412,032
Mile High Park 2"	191,644	217,607	168,209	182,741	251,230	241,150	217,580	193,182	173,409	169,171	154,679	162,032	176,190	2,307,180	2,498,824
Mile High Park 4"	0	0	0	0	13,904	0	27,807	0	0	0	0	0	0	41,711	41,711
Pinecrest 2"	0	46,471	506,324	89,813	0	0	0	1,618	0	0	0	13	0	644,239	644,239
Pinecrest 4"	473,529	416,711	0	713,369	857,353	985,695	973,396	631,551	764,572	685,829	631,952	581,283	692,781	7,934,492	8,408,021
Lake Drive 2"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake Drive 4"	401	0	0	58,155	0	0	0	0	0	0	0	134	0	58,289	58,690
Camp Seely	20,455	42,380	41,444	59,358	77,406	45,856	77,005	23,128	50,000	0	23,529	20,455	26,070	486,631	507,086
C.L.A.W.A. Totals	1,002,740	1,012,206	1,046,592	1,406,645	1,592,273	1,674,706	1,733,087	1,212,180	1,297,740	1,170,642	1,113,770	1,062,981	1,245,041	15,567,863	16,570,603
Grand Totals	2,196,050	2,088,319	2,106,520	2,349,696	2,563,083	2,635,939	2,465,635	2,049,365	2,150,295	1,932,932	1,846,232	1,824,588	1,955,829	25,968,433	28,164,483

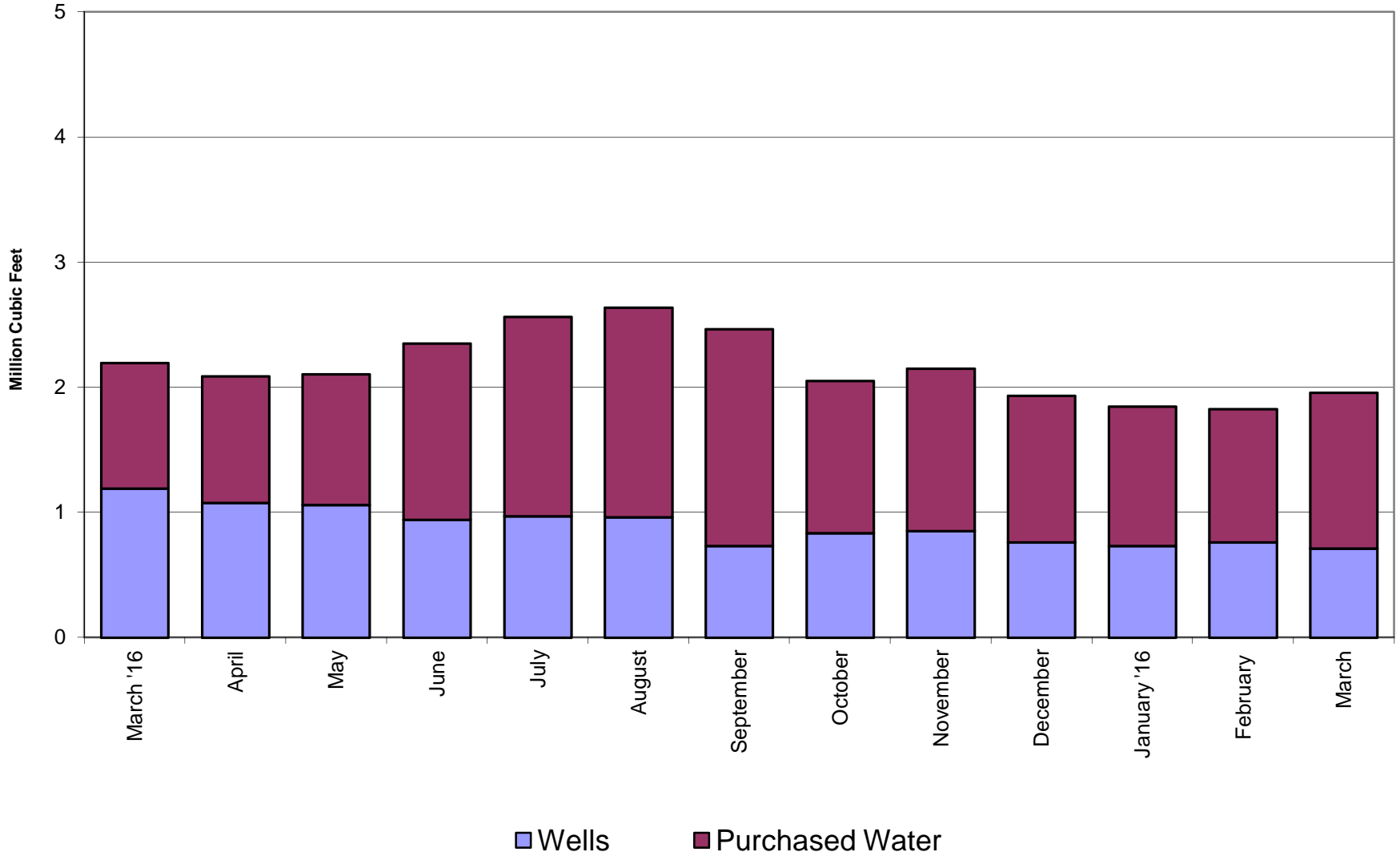
**Crestline Village Water District
Source of Supply Production Report
Cubic Feet
Last 13 Months**

04/13/16

<u>Source Name</u>	<u>March '16</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>January '16</u>	<u>February</u>	<u>March</u>	<u>Last 12 Months</u>	<u>13 Months</u>
District Sources															
Division 10	585,925	539,750	483,208	431,910	445,727	423,055	279,522	343,743	338,062	327,820	314,265	317,977	280,572	4,525,611	5,111,536
Division 20	607,385	536,363	576,720	511,141	525,083	538,178	453,026	493,442	514,493	434,470	418,197	443,630	430,216	5,874,959	6,482,344
Total	1,193,310	1,076,113	1,059,928	943,051	970,810	961,233	732,548	837,185	852,555	762,290	732,462	761,607	710,788	10,400,570	11,593,880
Division 10	49.10%	50.16%	45.59%	45.80%	45.91%	44.01%	38.16%	41.06%	39.65%	43.00%	42.91%	41.75%	39.47%	43.51%	44.09%
Division 20	50.90%	49.84%	54.41%	54.20%	54.09%	55.99%	61.84%	58.94%	60.35%	57.00%	57.09%	58.25%	60.53%	56.49%	55.91%
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	1,193,310	1,076,113	1,059,928	943,051	970,810	961,233	732,548	837,185	852,555	762,290	732,462	761,607	710,788	10,400,570	11,593,880
C.L.A.W.A.	1,002,740	1,012,206	1,046,592	1,406,645	1,592,273	1,674,706	1,733,087	1,212,180	1,297,740	1,170,642	1,113,770	1,062,981	1,245,041	15,567,863	16,570,603
Total Sources	2,196,050	2,088,319	2,106,520	2,349,696	2,563,083	2,635,939	2,465,635	2,049,365	2,150,295	1,932,932	1,846,232	1,824,588	1,955,829	25,968,433	28,164,483
District Sources	54.34%	51.53%	50.32%	40.14%	37.88%	36.47%	29.71%	40.85%	39.65%	39.44%	39.67%	41.74%	36.34%	40.05%	41.16%
C.L.A.W.A.	45.66%	48.47%	49.68%	59.86%	62.12%	63.53%	70.29%	59.15%	60.35%	60.56%	60.33%	58.26%	63.66%	59.95%	58.84%
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%

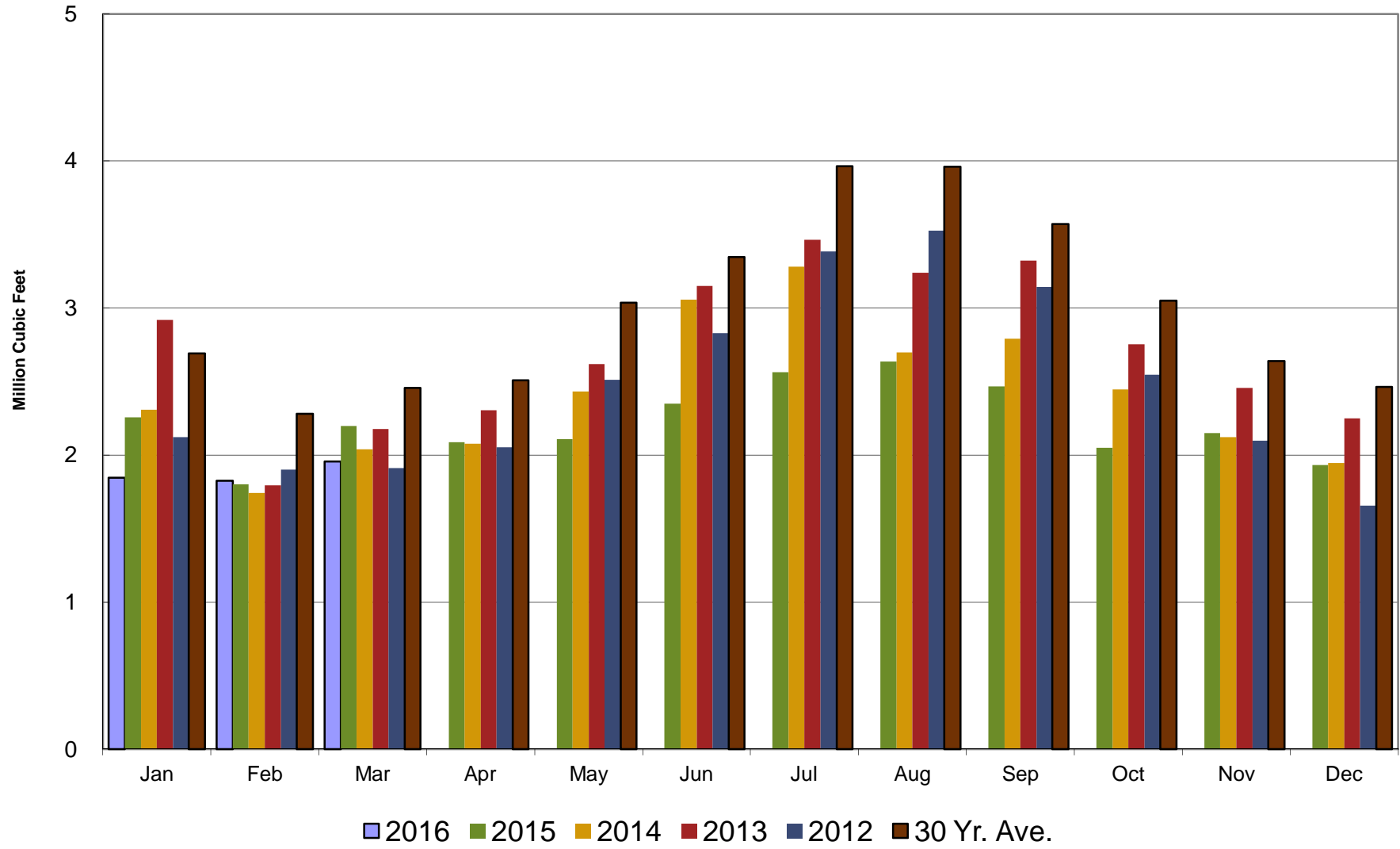
Crestline Village Water District

Water Sources - Last 13 Months



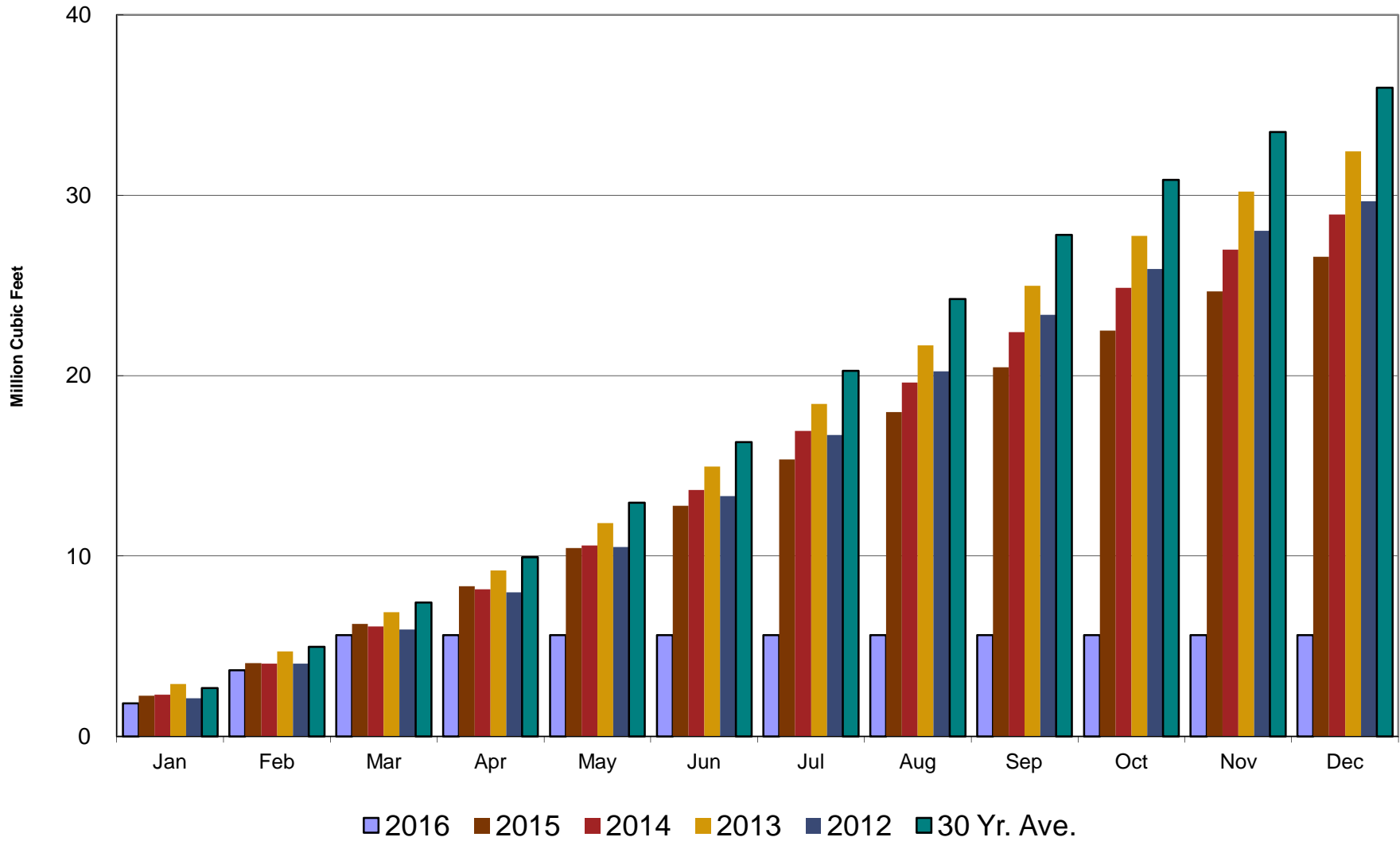
Crestline Village Water District

Total Production by Month



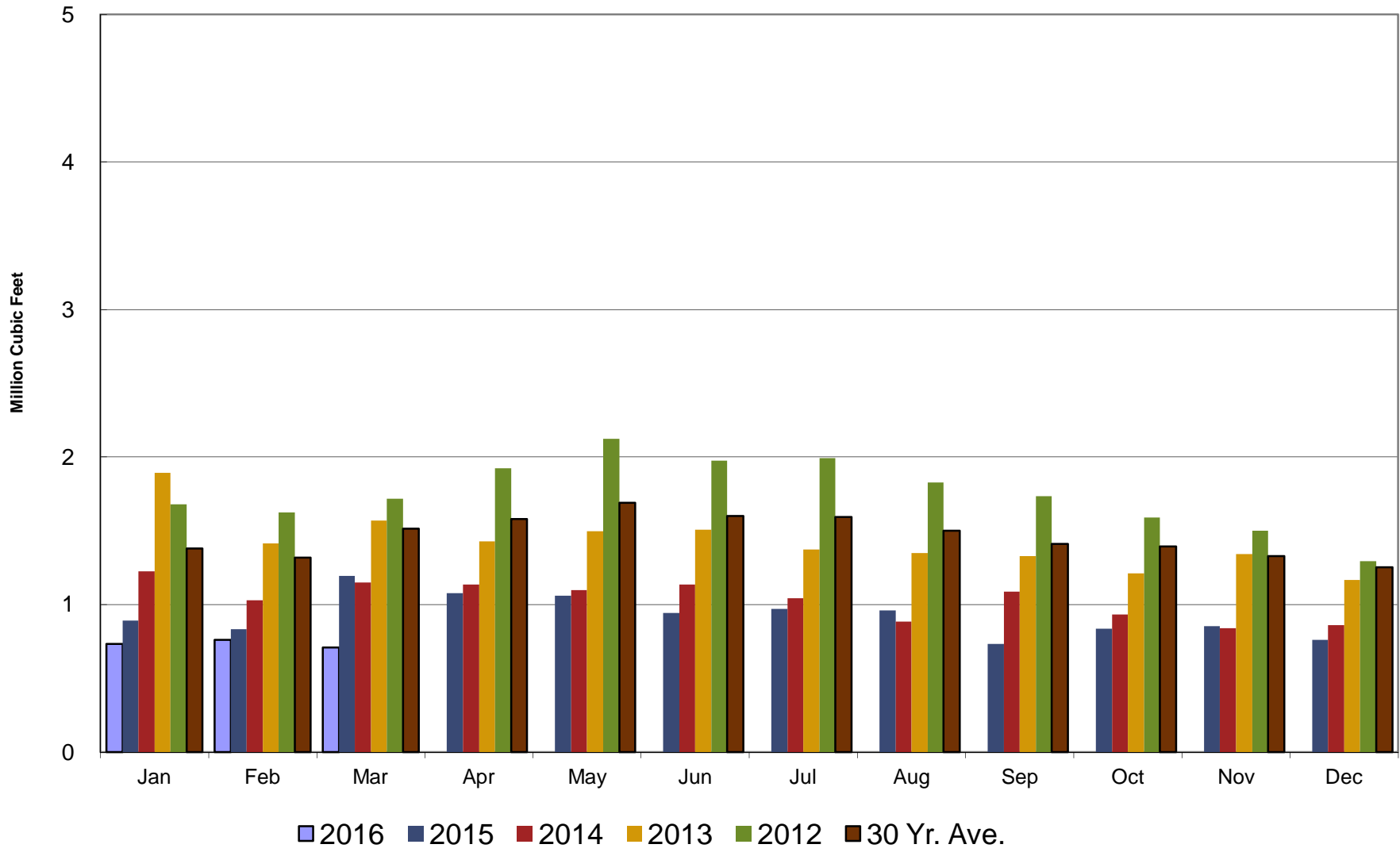
Crestline Village Water District

Total Production Cumulative



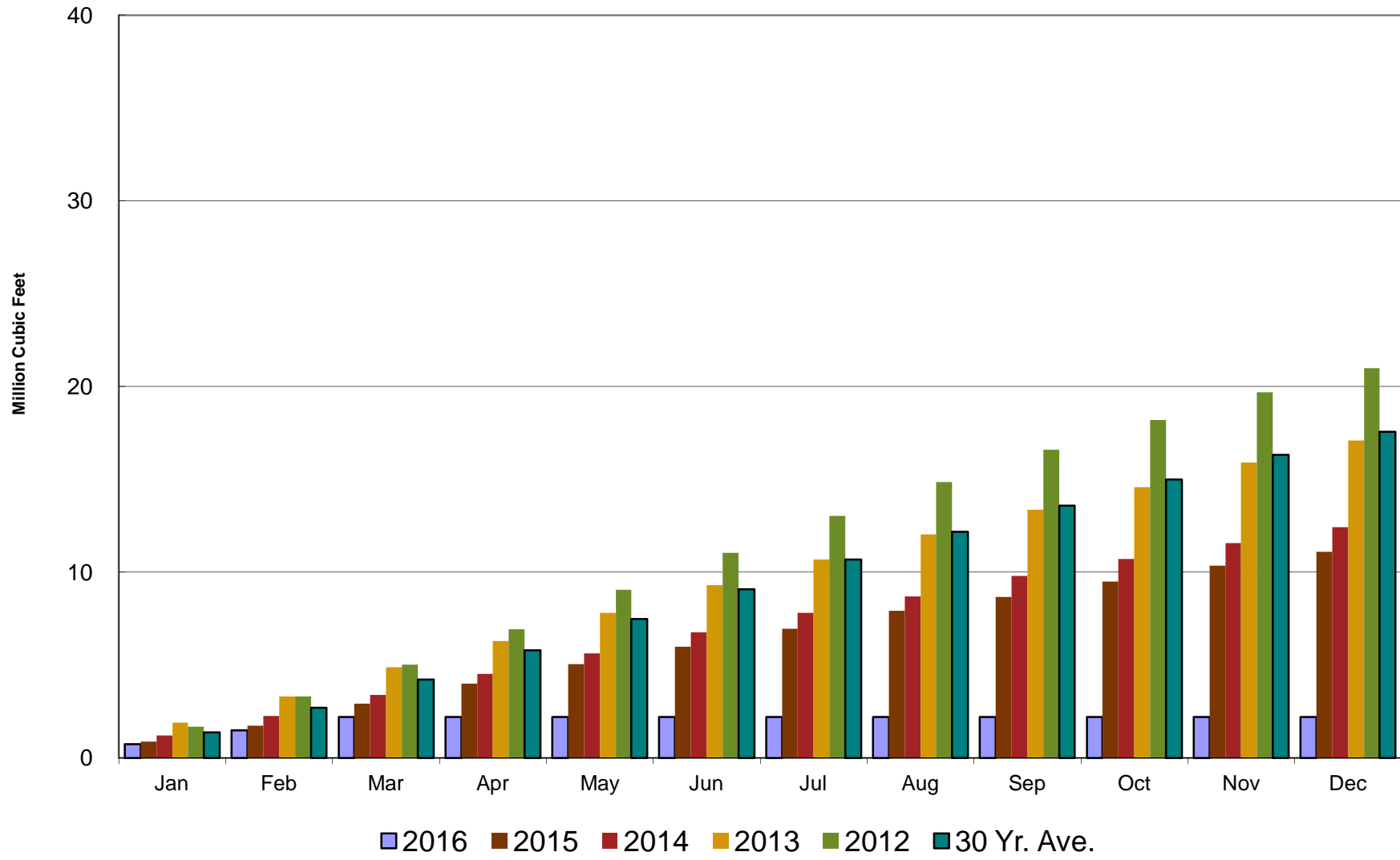
Crestline Village Water District

Well Production by Month



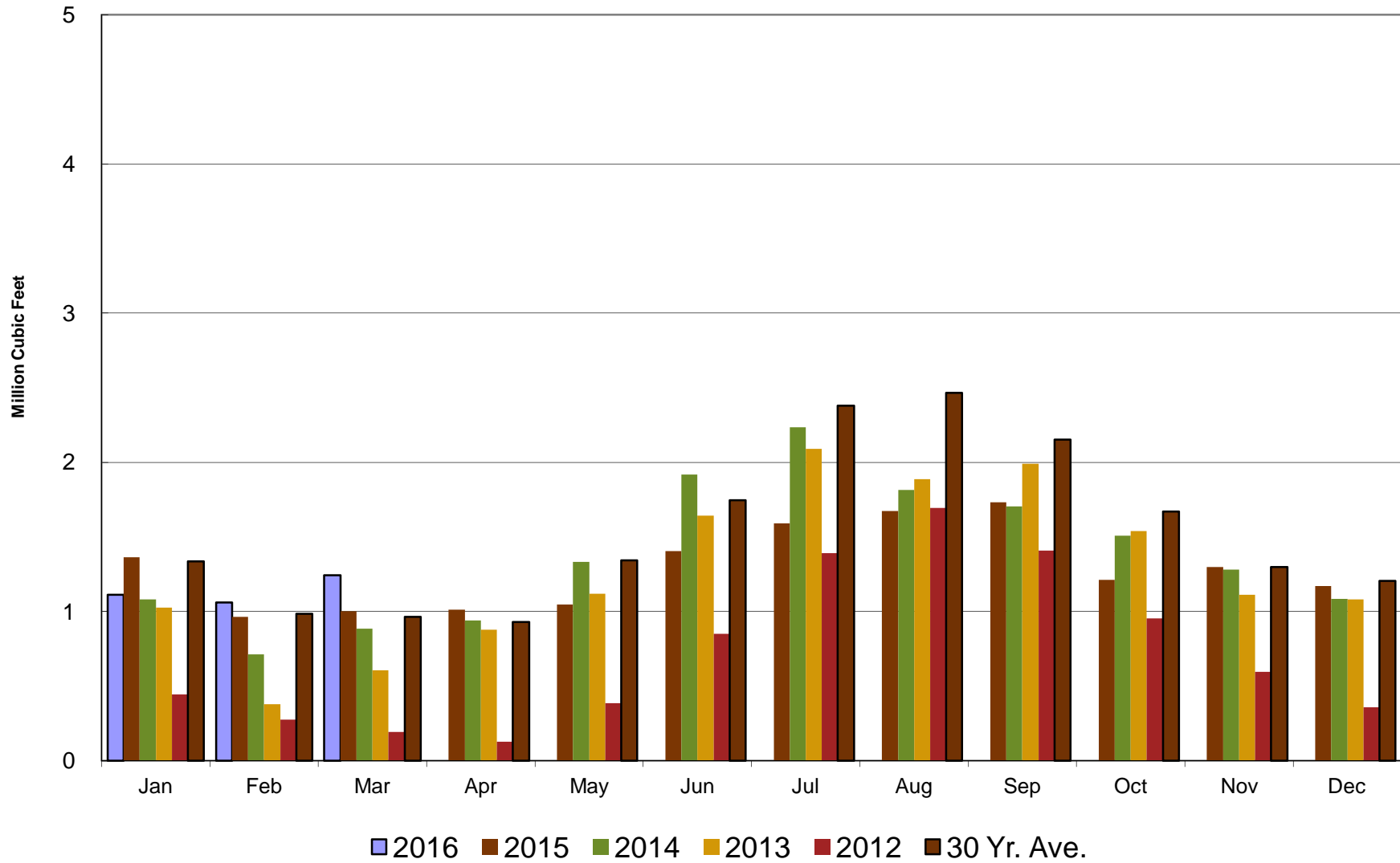
Crestline Village Water District

Well Production Cumulative



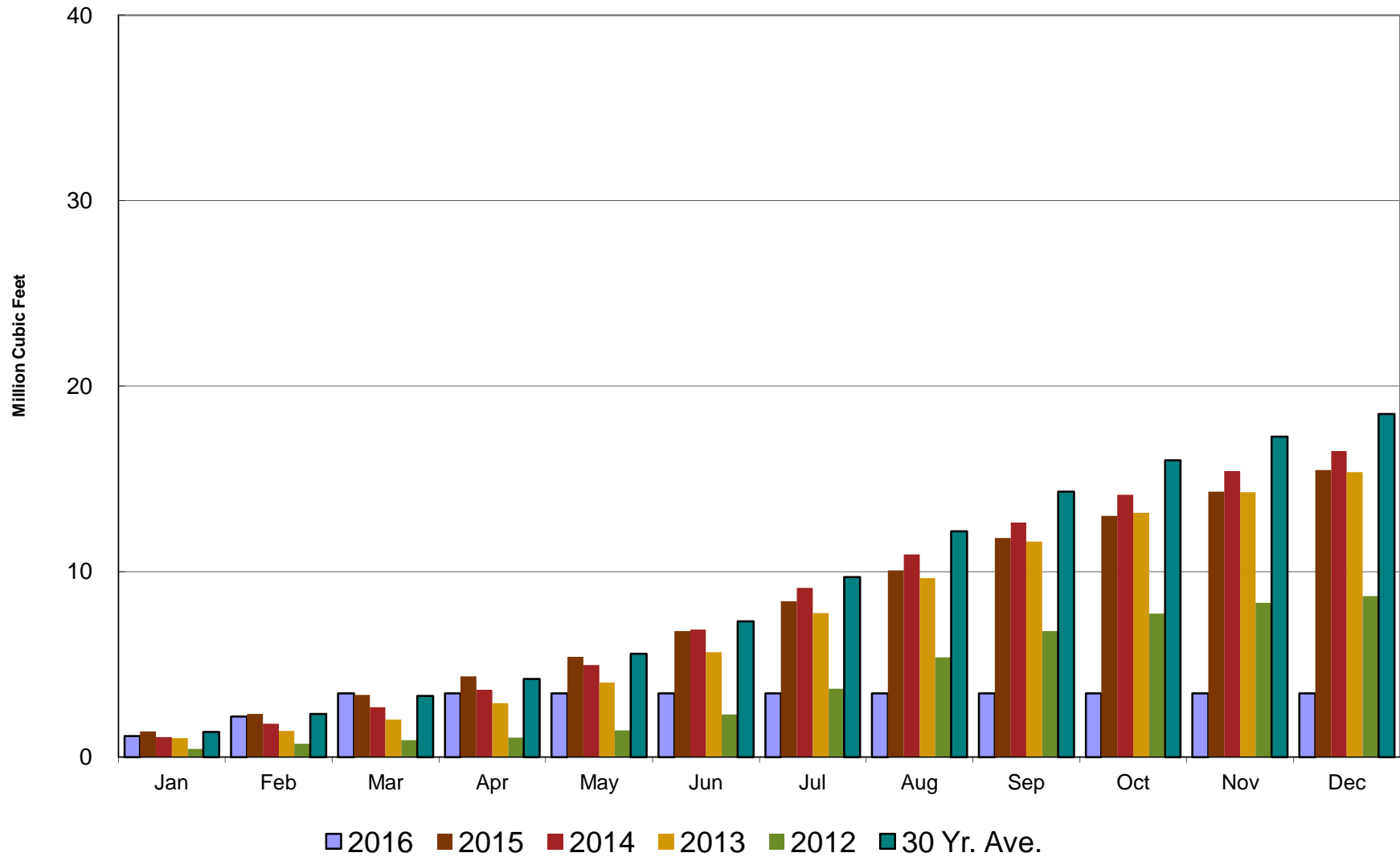
Crestline Village Water District

Purchased Water by Month



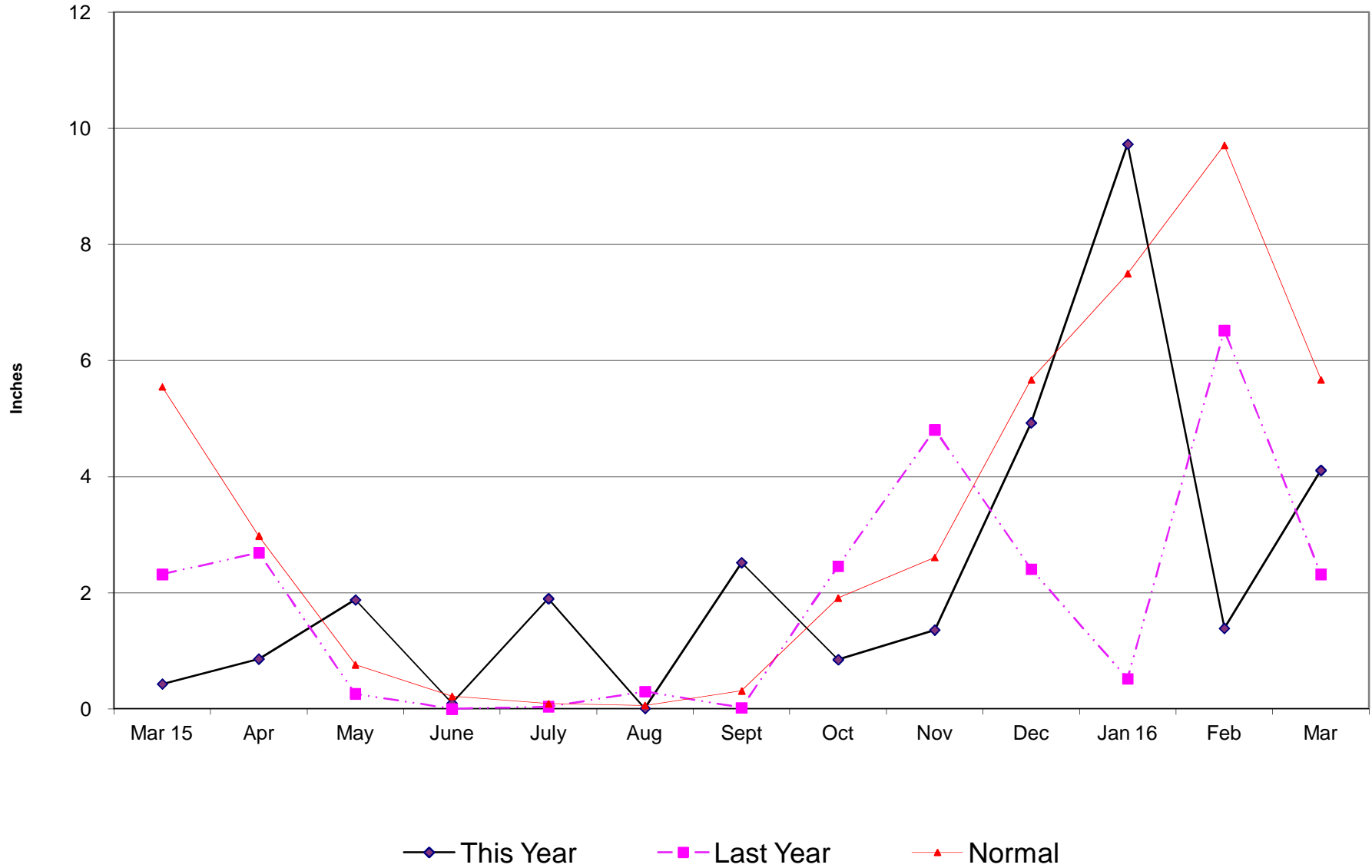
Crestline Village Water District

Purchased Water Cumulative



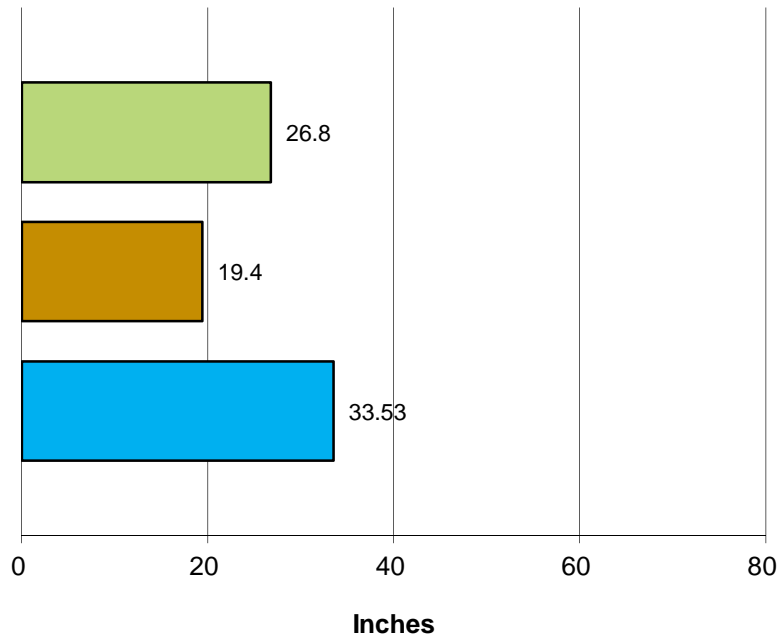
Crestline Village Water District

Rainfall - Last 13 Months



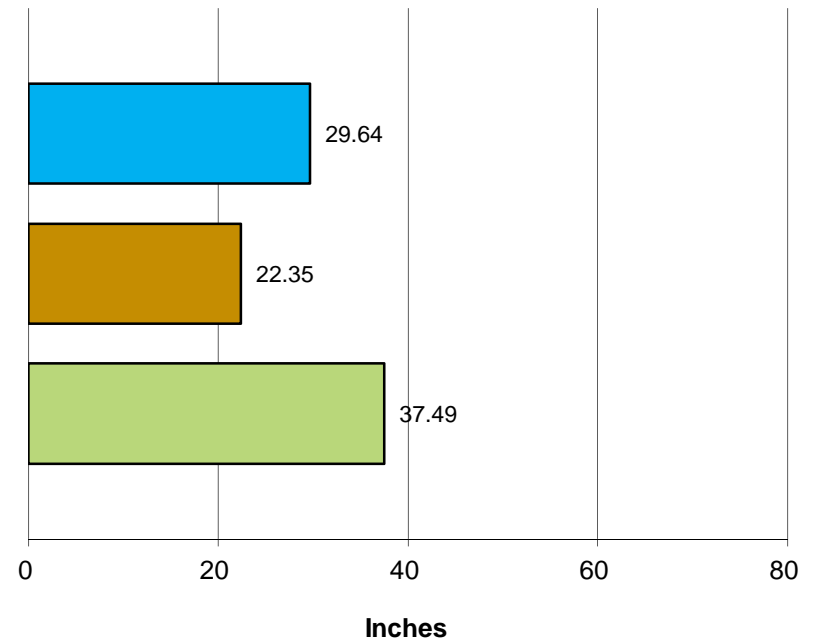
Crestline Village Water District

Total Rainfall July 1, 2015 to Beginning of Current Month



■ This Year ■ Last Year ■ Normal

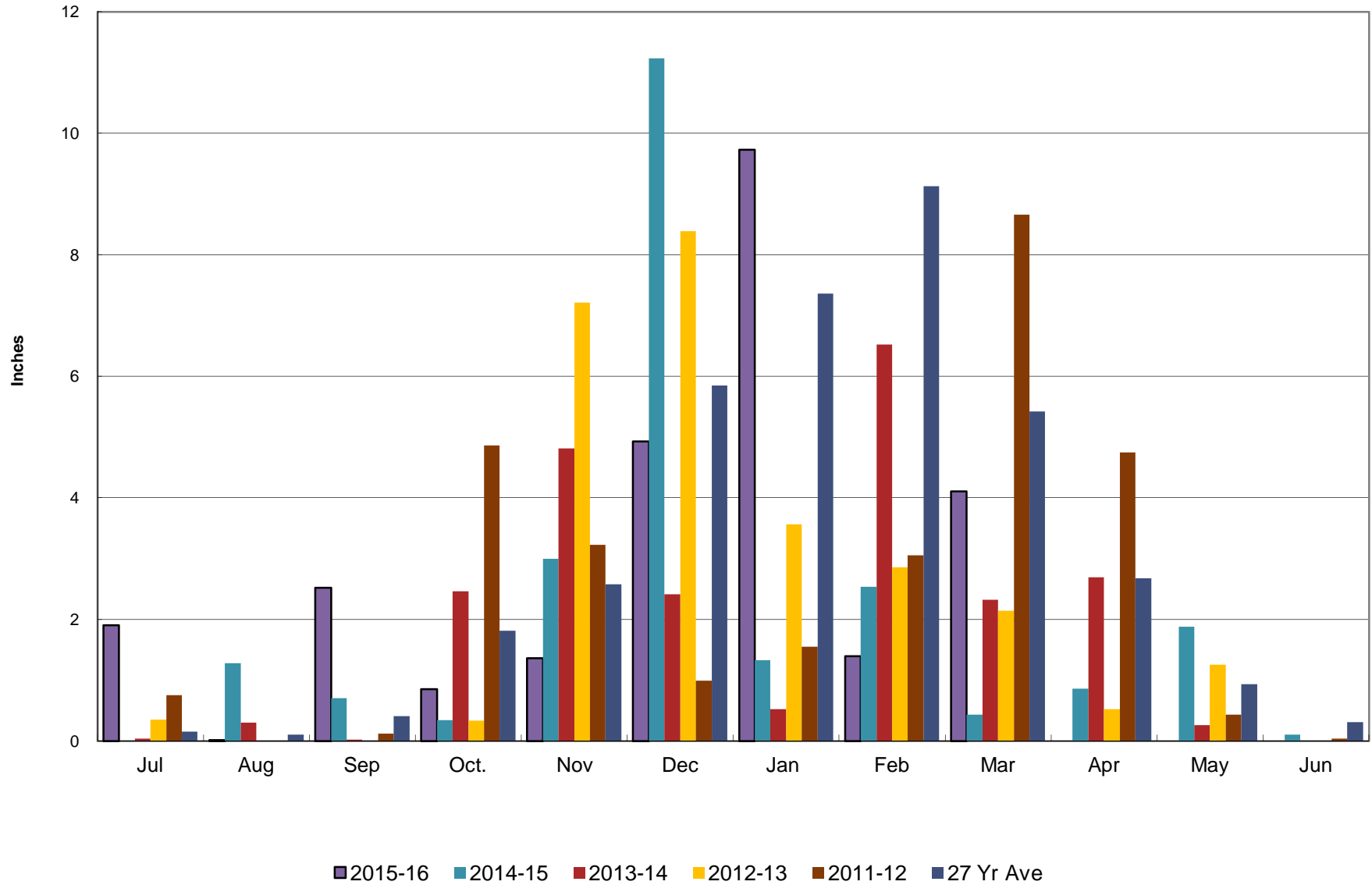
Total Rainfall Last 12 Months



■ This Year ■ Last Year ■ Normal

Crestline Village Water District

Rainfall by Month



Crestline Village Water District

Rainfall Cumulative

