

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

05/11/16

	Apr	May	June	July	August	Sept	Oct	Nov	Dec	Jan '16	Feb	Mar	Apr	Total
Sources of Supply														
Wells	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	766,045	11,166,615
Purchased Water	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	1,069,759	16,637,622
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Supplied	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	1,835,804	27,804,237
Water Used **														
Metered Accounts														
Crestline Area	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	874,686	12,432,115
Lake Gregory Area	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	915,873	13,873,507
Change in Storage	36,728	(64,664)	58,023	(49,826)	(34,387)	98,916	(76,490)	28,149	(52,991)	64,800	(6,116)	43,622	(14,604)	31,160
Flushing, System & Other	16,799	16,313	15,442	14,439	17,845	15,739	16,639	17,113	23,366	68,699	14,439	36,219	17,589	290,641
Accounted for Water	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	1,793,544	26,627,423
System Loss (CF)	149,419	180,479	195,635	248,537	308,952	(28,631)	116,385	(148,899)	88,931	79,202	(133,380)	77,924	42,260	1,176,814
System Loss (%)	7.2%	8.6%	8.3%	9.7%	11.7%	-1.2%	5.7%	-6.9%	4.6%	4.3%	-7.3%	4.0%	2.3%	4.2%
System Loss (GPM)	25.9	29.3	33.9	43.0	51.8	(5.0)	20.2	(24.9)	14.9	15.2	(21.0)	13.1	7.3	16.7
Month to Month Averaging ***														
System Loss (CF)	74,709	164,949	188,057	222,086	278,744	140,160	43,877	(16,257)	(29,984)	84,067	(27,089)	(27,728)	60,092	1,155,683
System Loss (%)	3.6%	7.9%	8.4%	9.0%	10.7%	5.3%	2.3%	-0.6%	-1.2%	4.4%	-1.5%	-1.7%	3.1%	4.2%
System Loss (GPM)	12.9	27.6	31.6	38.5	47.4	23.4	7.6	(2.4)	(5.0)	15.1	(2.9)	(4.0)	10.2	16.4
Estimated Uses														
Known leaks - Est. loss	5,824	6,497	12,096	6,209	11,278	3,826	6,786	32,947	1,348	802	16,460	2,005	1,334	107,411
Total Estimated Uses	5,824	6,497	12,096	6,209	11,278	3,826	6,786	32,947	1,348	802	16,460	2,005	1,334	107,411
Unaccounted for Water (CF)	143,595	173,982	183,539	242,328	297,674	(32,457)	109,599	(181,846)	87,584	78,400	(149,840)	75,919	40,926	1,069,402
Unaccounted For (%)	6.9%	8.3%	7.8%	9.5%	11.3%	-1.3%	5.4%	-8.5%	4.5%	4.3%	-8.2%	3.9%	2.2%	3.9%
Unaccounted For (GPM)	24.9	28.2	31.8	42.0	49.9	(5.6)	19.0	(30.5)	14.7	15.1	(23.6)	12.7	7.1	15.1
Number of Days in Period	30	32	30	30	31	30	30	31	31	27	33	31	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

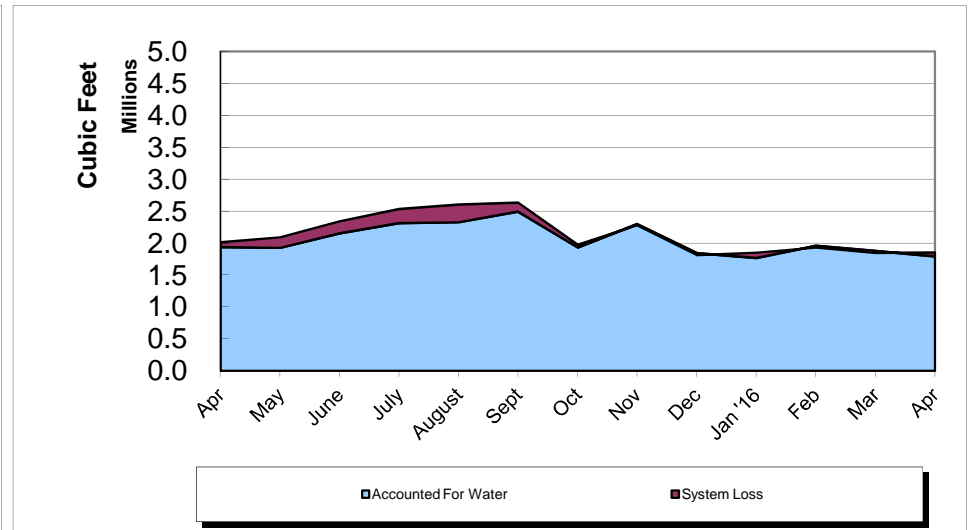
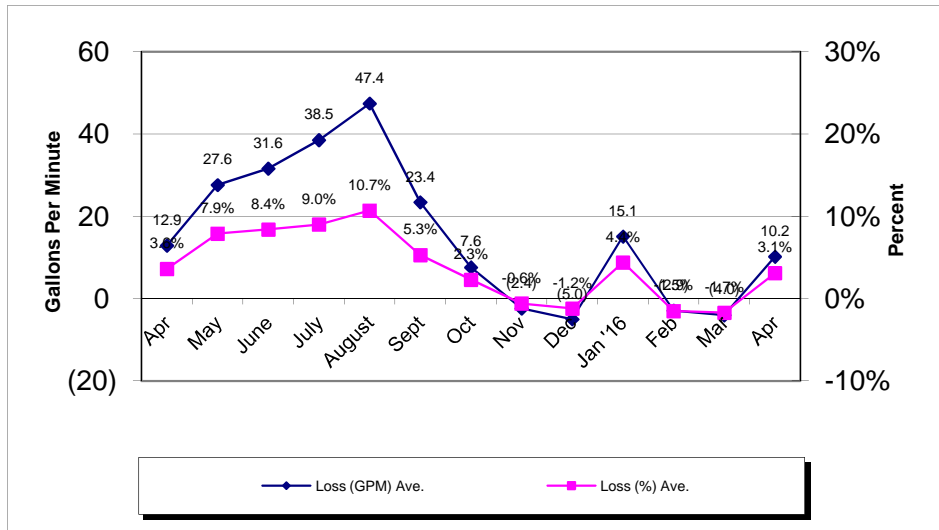
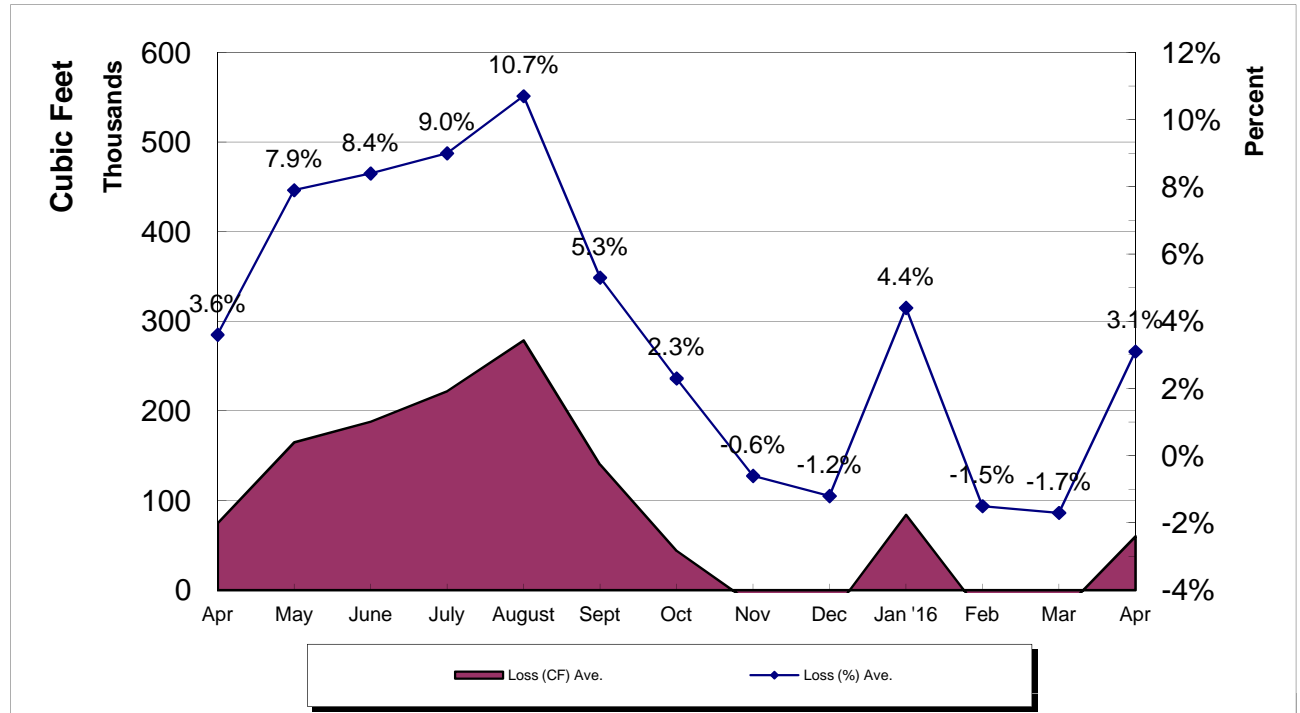
*** - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$1,586	\$2,347
Cost of 5% System Loss:	2,423	2,823
Amount above (below) 5% System Loss	(\$837)	(\$476)
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: 04/29/16

For Month of: April 2016

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,754	18.60	311,624	80.87%
Saxon	337,674	14,681	16.88	247,815	73.39%
Pinecrest I & II	2,063,492	54,302	31.67	1,719,744	83.34%
Zurich	380,500	16,910	19.80	334,818	87.99%
Lakeview	1,230,212	27,959	35.73	998,975	81.20%
Old Mill	705,900	27,150	22.53	611,690	86.65%
Barn	444,443	19,753	18.81	371,554	83.60%
Wilson	983,681	33,920	26.61	902,611	91.76%
Chillon	337,674	14,681	17.82	261,615	77.48%
Brookside	748,067	28,772	21.54	619,749	82.85%
Chamois	1,026,532	39,482	21.41	845,310	82.35%
Total	8,643,529		251.40	7,225,505	83.59%

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	55,446	On
Pioneer-2	34,391	On
Pioneer-1	26,113	On
Old Mill Springs	0	Off
Maple Springs	171	Off
Willow Springs	0	Off
Brookside Springs	0	Off
Hillside Springs	2,470	On
Pinecrest 1 & 2	11,830	On
Pinecrest Vertical	103,930	On
Cypress Vertical	52,850	On
Anderson Vertical	8,545	Off
Wilson Springs 1 & 2	57,211	On
Wilson Vertical	80,300	On
Felsen Vertical	207,470	On
Horst	29,432	On
Jewel 64	40,156	On
Cathcart	18,210	On
Bergschrund	2,524	On
Chamois	0	Off
Chamois Vertical	32,580	On
	0	0
	0	0
	0	0
Lewter	2,416	On
Total	766,045	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	60	60	0	0.00%	327,005
Mile High 2"	30	30	0	0.00%	163,342
Mile High 4"	0	0	0	0.00%	0
Pinecrest 2"	0	0	0	0.00%	0
Pinecrest 4"	120	120	0	0.00%	555,214
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%	24,198
Total	210	210	0	0.00%	1,069,759

April Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	175.3	978,680		186.3	1,040,092
Actual M-T-D:	191.6	1,069,759		137.2	766,045
Over/(Under) Last Year:	16.3	91,079.0		(49.1)	(274,047.0)

Total	GPM	Cubic Feet
Last Year M-T-D:	361.6	2,018,772
Actual M-T-D:	328.8	1,835,804
Over/(Under) Last Year:	(32.8)	(182,968.0)

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

05/11/16

<u>Source Name</u>	<u>April '15</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>April</u>	<u>Last 12 Months</u>	<u>13 Months</u>
Division 10															
Altdorf	59,329	62,534	55,514	57,920	56,285	54,015	53,232	54,980	55,759	51,088	59,530	62,225	55,446	678,528	737,857
Pioneer #2	39,207	43,330	38,646	40,711	39,978	38,439	37,606	38,436	38,131	32,996	34,008	37,026	34,391	453,698	492,905
Pioneer #1	30,898	31,038	27,345	28,606	28,202	26,813	26,155	26,353	26,005	26,435	31,125	29,380	26,113	333,570	364,468
Old Mill Springs	15,260	15,320	14,520	14,220	12,640	5,860	0	0	0	0	0	0	0	62,560	77,820
Maple Springs	14,846	9,536	8,425	7,530	8,280	2,745	1,300	3,153	985	1,616	1,229	171	171	45,141	59,987
Willow Springs	1,950	1,080	310	120	0	0	0	0	0	0	0	0	0	1,510	3,460
Brookside Springs	8,710	9,350	7,880	7,340	8,020	0	0	0	0	0	0	0	0	32,590	41,300
Hillside Springs	6,750	6,930	5,970	6,050	5,740	5,230	4,820	4,670	4,660	3,290	3,440	4,180	2,470	57,450	64,200
Pinecrest	16,810	17,240	14,220	13,450	11,340	8,990	7,630	6,170	4,650	4,360	7,870	10,470	11,830	118,220	135,030
Pinecrest Vertical	177,100	171,630	121,800	134,370	129,720	117,560	88,620	106,020	96,870	88,210	87,560	45,680	103,930	1,291,970	1,469,070
Cypress Vertical	85,390	91,520	83,080	87,410	78,150	7,270	123,480	98,280	92,760	84,370	84,340	91,040	52,850	974,550	1,059,940
Anderson Vertical	83,500	23,700	54,200	48,000	44,700	12,600	900	0	8,000	21,900	8,875	400	8,545	231,820	315,320
Division 10 Totals	539,750	483,208	431,910	445,727	423,055	279,522	343,743	338,062	327,820	314,265	317,977	280,572	295,746	4,281,607	4,821,357
Division 20															
Wilson Springs #1 & 2	80,236	83,274	70,981	73,134	74,192	67,937	66,926	67,493	62,969	54,699	57,492	61,489	57,211	797,797	878,033
Wilson Vertical	123,000	127,300	113,100	115,800	118,900	65,100	113,100	114,300	77,520	97,800	100,700	109,400	80,300	1,233,320	1,356,320
Felsen Vertical	157,720	179,070	162,870	163,600	172,150	154,910	152,920	167,800	137,980	125,550	135,470	96,670	207,470	1,856,460	2,014,180
Horst	40,000	41,500	36,700	37,800	37,334	35,152	34,460	34,438	33,145	28,044	29,747	32,131	29,432	409,883	449,883
Jewell No. 64	68,198	75,214	65,280	69,801	69,751	67,354	65,441	70,324	65,524	60,948	62,581	67,728	40,156	780,102	848,300
Cathcart	17,100	17,900	15,800	16,600	18,862	18,517	17,747	16,664	16,288	14,228	19,217	20,634	18,210	210,667	227,767
Bergschrund	9,354	9,266	7,611	7,303	6,290	5,197	4,468	3,792	2,982	2,142	2,908	3,053	2,524	57,536	66,890
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	36,480	38,590	34,690	36,760	36,420	34,870	34,350	35,440	33,970	31,130	31,610	34,940	32,580	415,350	451,830
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	4,275	4,606	4,109	4,285	4,279	3,989	4,030	4,242	4,092	3,656	3,905	4,171	2,416	47,780	52,055
Division 20 Totals	536,363	576,720	511,141	525,083	538,178	453,026	493,442	514,493	434,470	418,197	443,630	430,216	470,299	5,808,895	6,345,258
Total District Sources	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	766,045	10,090,502	11,166,615
C.L.A.W.A.															
Crest Forest 6"	289,037	330,615	303,209	392,380	402,005	437,299	362,701	309,759	315,642	303,610	299,064	350,000	327,005	4,133,289	4,422,326
Mile High Park 2"	217,607	168,209	182,741	251,230	241,150	217,580	193,182	173,409	169,171	154,679	162,032	176,190	163,342	2,252,915	2,470,522
Mile High Park 4"	0	0	0	13,904	0	27,807	0	0	0	0	0	0	0	41,711	41,711
Pinecrest 2"	46,471	506,324	89,813	0	0	0	1,618	0	0	0	13	0	0	597,768	644,239
Pinecrest 4"	416,711	0	713,369	857,353	985,695	973,396	631,551	764,572	685,829	631,952	581,283	692,781	555,214	8,072,995	8,489,706
Lake Drive 2"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake Drive 4"	0	0	58,155	0	0	0	0	0	0	0	134	0	0	58,289	58,289
Camp Seely	42,380	41,444	59,358	77,406	45,856	77,005	23,128	50,000	0	23,529	20,455	26,070	24,198	468,449	510,829
C.L.A.W.A. Totals	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	1,069,759	15,625,416	16,637,622
Grand Totals	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	1,835,804	25,715,918	27,804,237

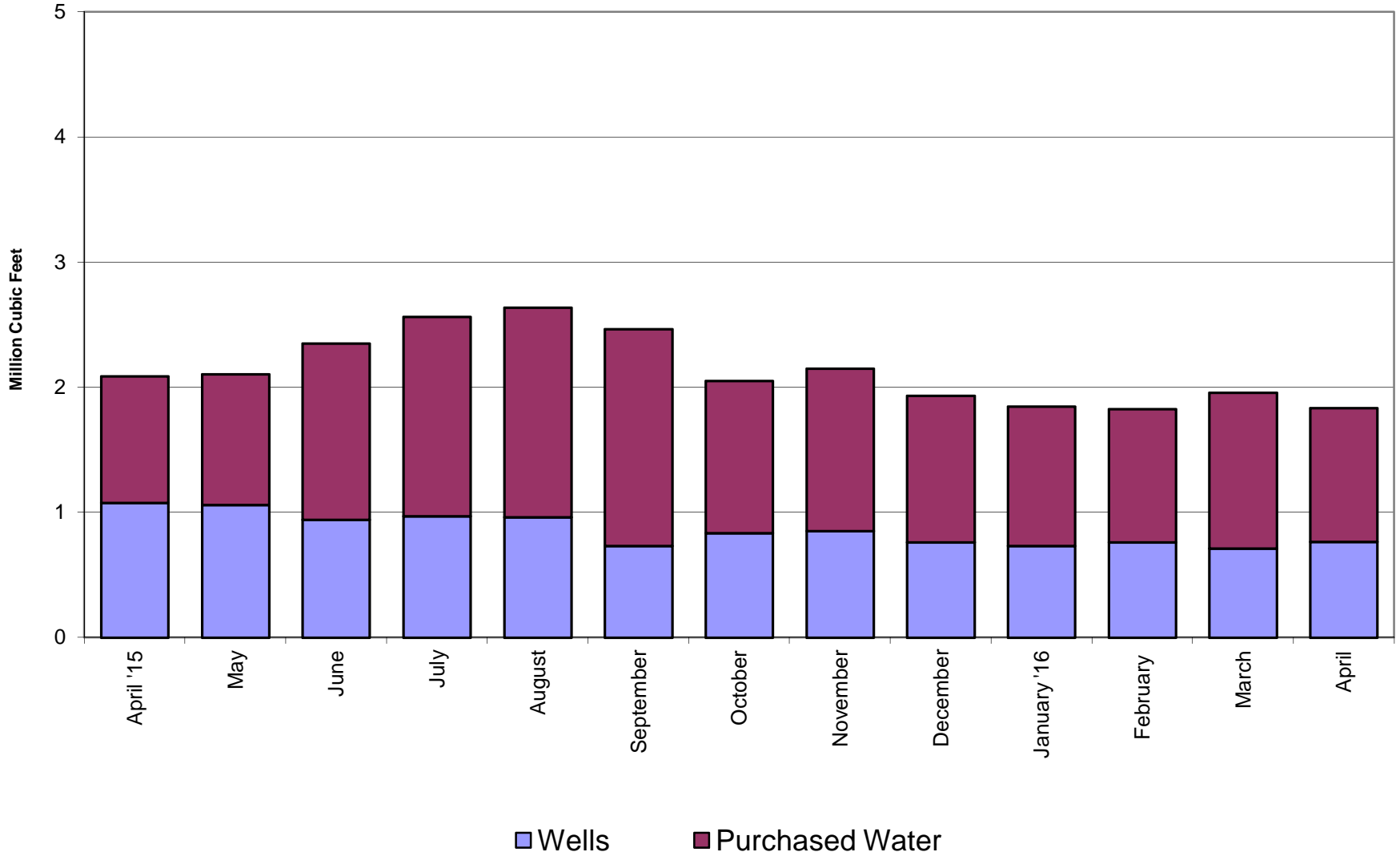
**Crestline Village Water District
Source of Supply Production Report
Cubic Feet
Last 13 Months**

05/11/16

<u>Source Name</u>	<u>April '15</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>April</u>	<u>Last 12 Months</u>	<u>13 Months</u>
District Sources															
Division 10	539,750	483,208	431,910	445,727	423,055	279,522	343,743	338,062	327,820	314,265	317,977	280,572	295,746	4,281,607	4,821,357
Division 20	536,363	576,720	511,141	525,083	538,178	453,026	493,442	514,493	434,470	418,197	443,630	430,216	470,299	5,808,895	6,345,258
Total	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	766,045	10,090,502	11,166,615
Division 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%	38.61%	42.43%	43.18%
Division 20	49.84%	54.41%	54.20%	54.09%	55.99%	61.84%	58.94%	60.35%	57.00%	57.09%	58.25%	60.53%	61.39%	57.57%	56.82%
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	1,076,113	1,059,928	943,051	970,810	961,233	732,548	837,185	852,555	762,290	732,462	761,607	710,788	766,045	10,090,502	11,166,615
C.L.A.W.A.	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	1,069,759	15,625,416	16,637,622
Total Sources	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	1,835,804	25,715,918	27,804,237
District Sources	51.53%	50.32%	40.14%	37.88%	36.47%	29.71%	40.85%	39.65%	39.44%	39.67%	41.74%	36.34%	41.73%	39.24%	40.16%
C.L.A.W.A.	48.47%	49.68%	59.86%	62.12%	63.53%	70.29%	59.15%	60.35%	60.56%	60.33%	58.26%	63.66%	58.27%	60.76%	59.84%
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%

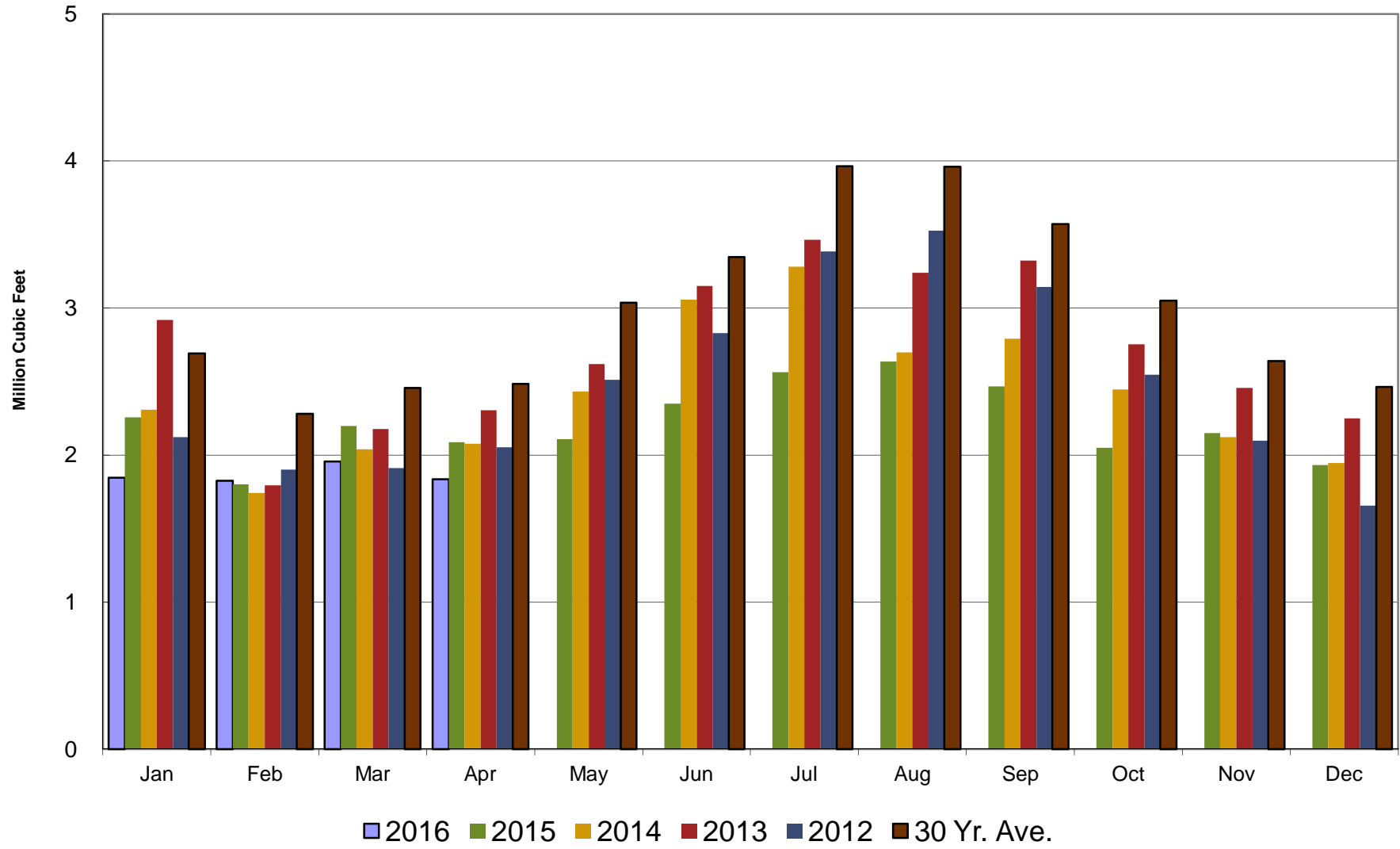
Crestline Village Water District

Water Sources - Last 13 Months



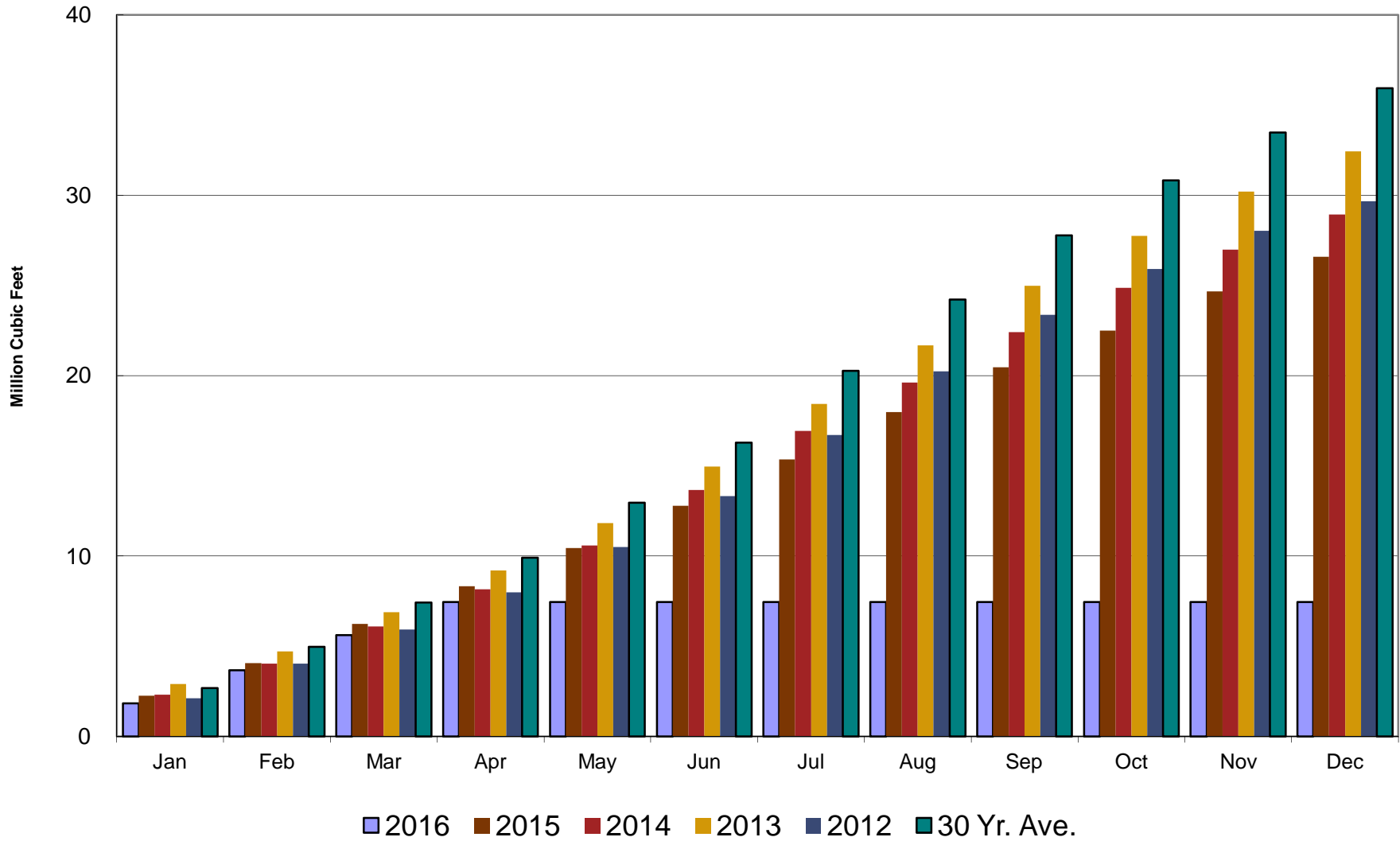
Crestline Village Water District

Total Production by Month



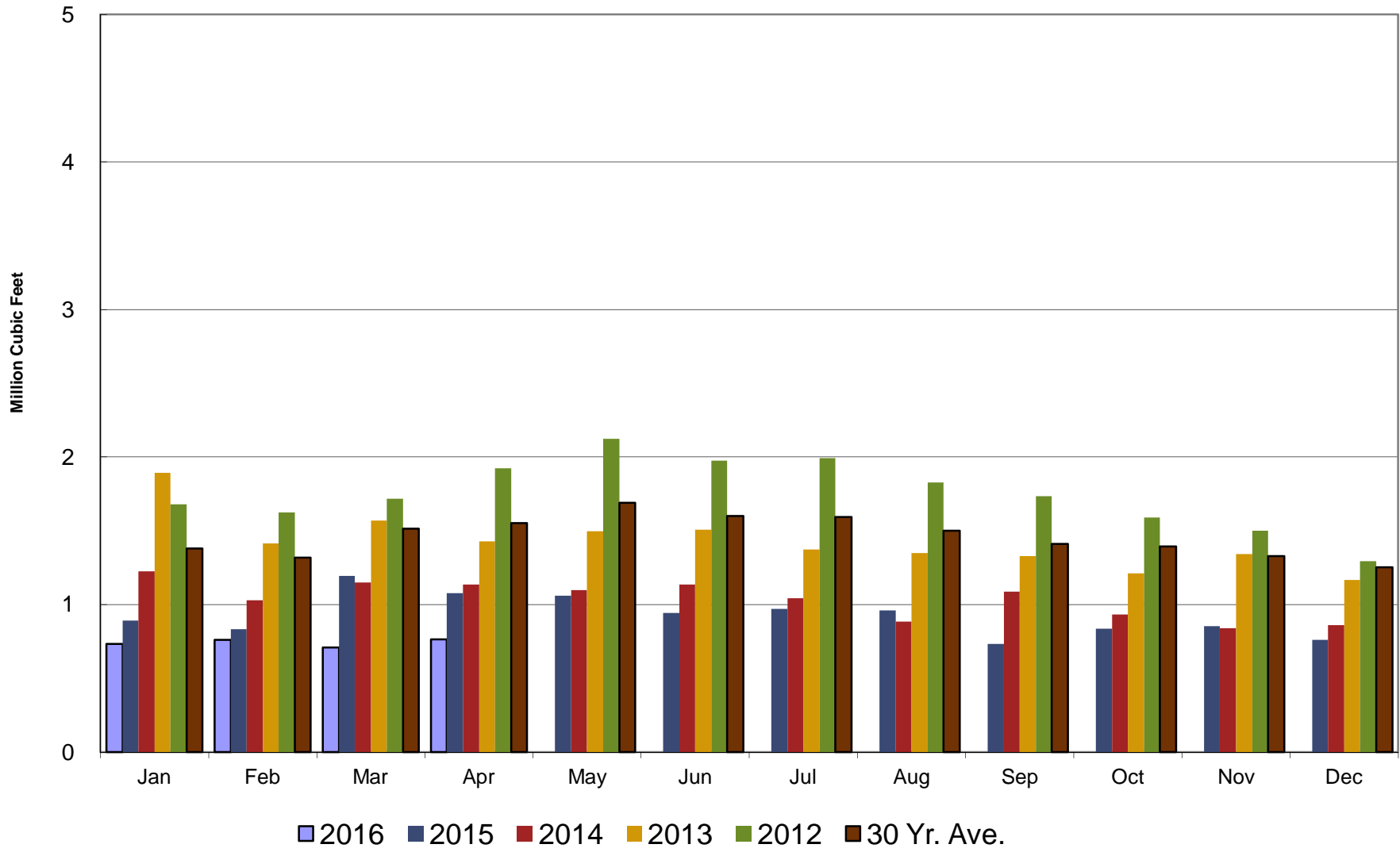
Crestline Village Water District

Total Production Cumulative



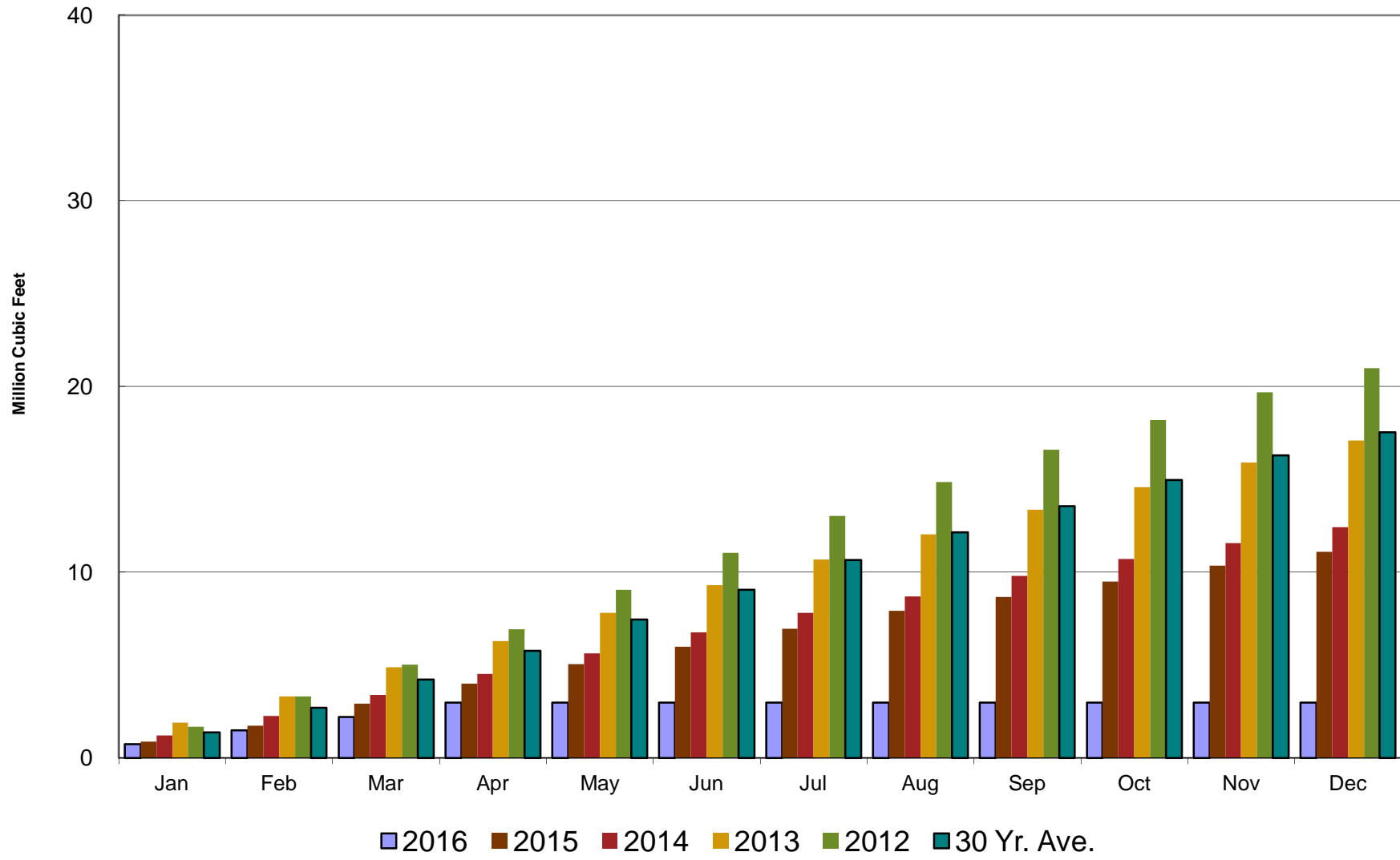
Crestline Village Water District

Well Production by Month



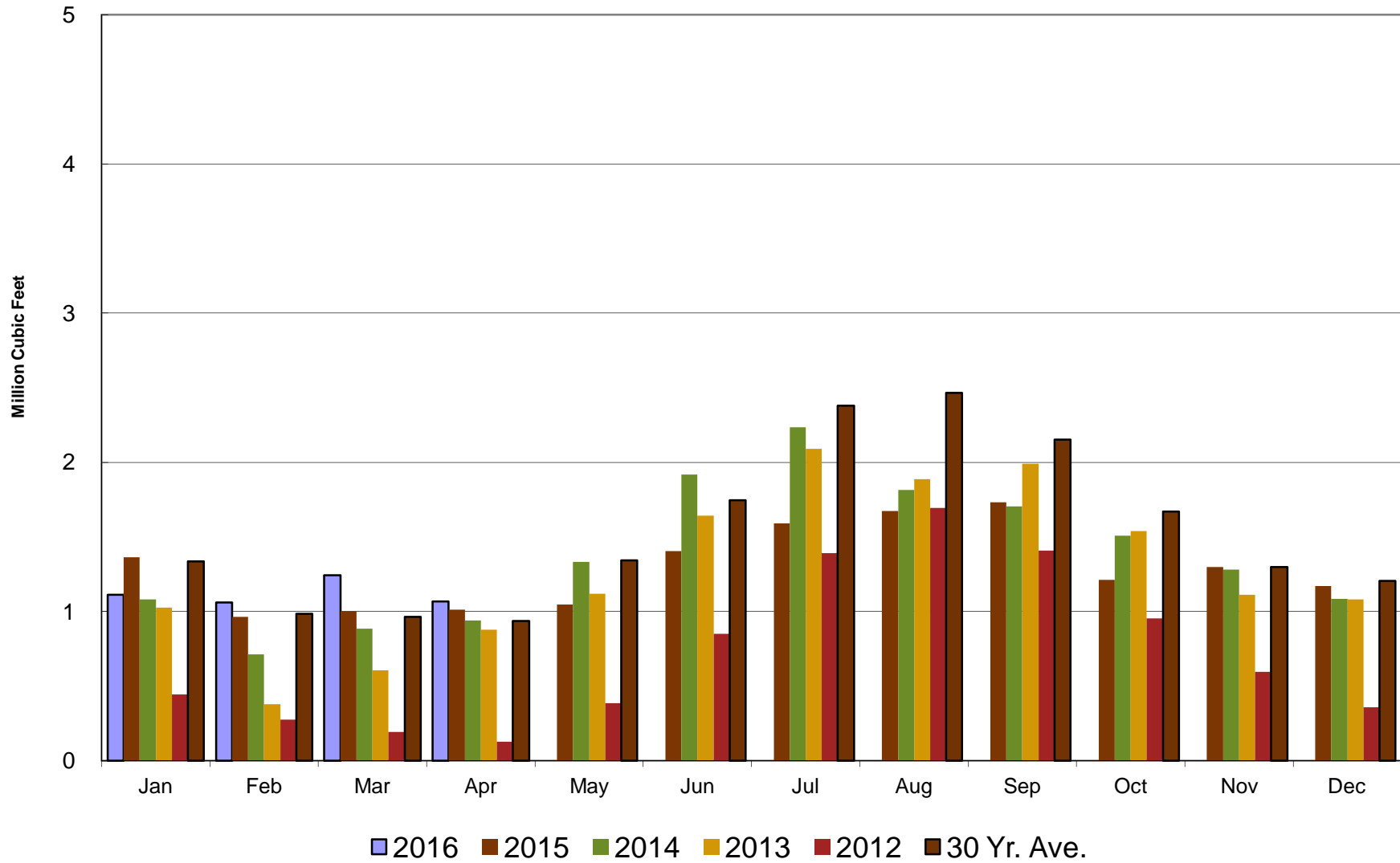
Crestline Village Water District

Well Production Cumulative



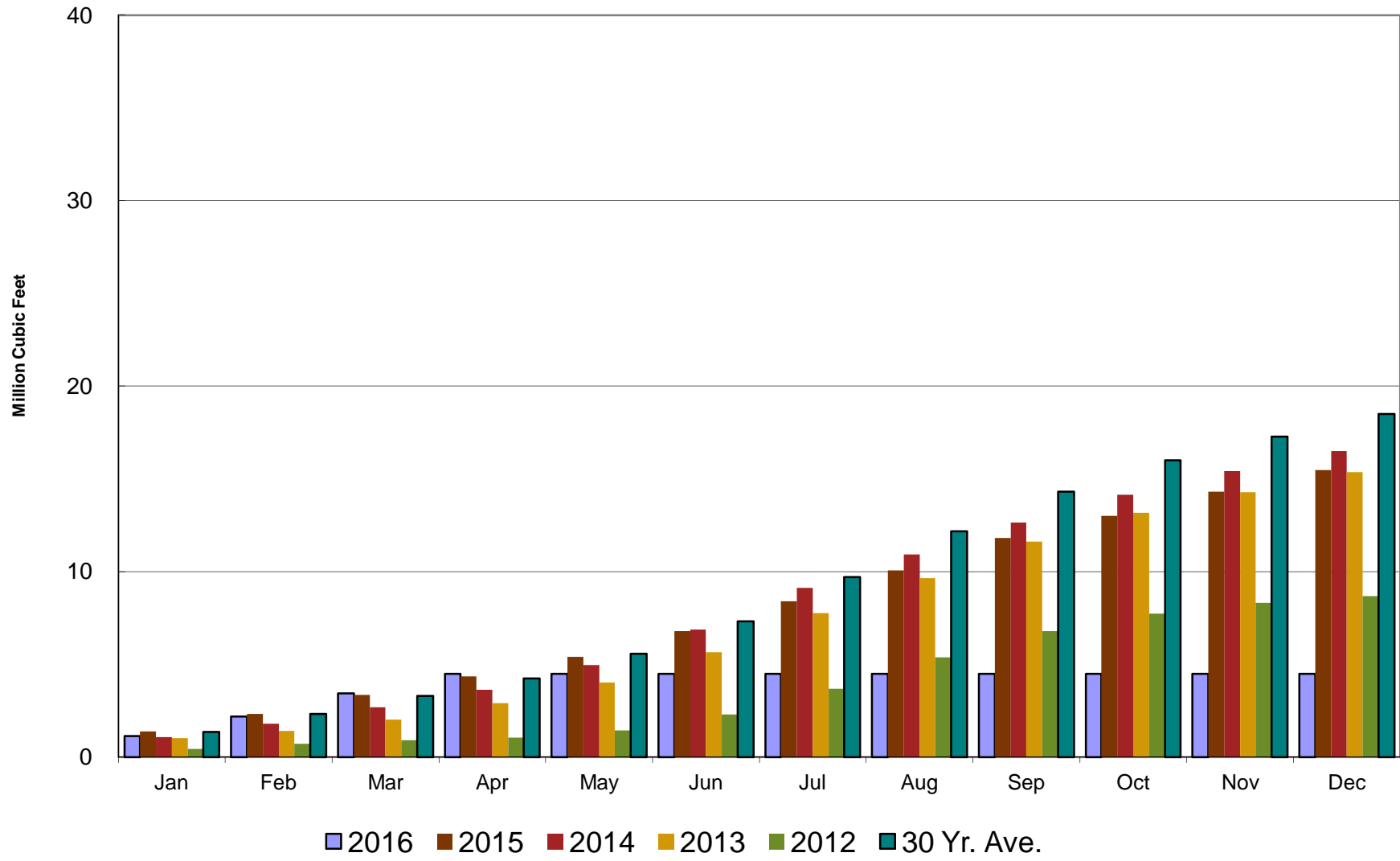
Crestline Village Water District

Purchased Water by Month



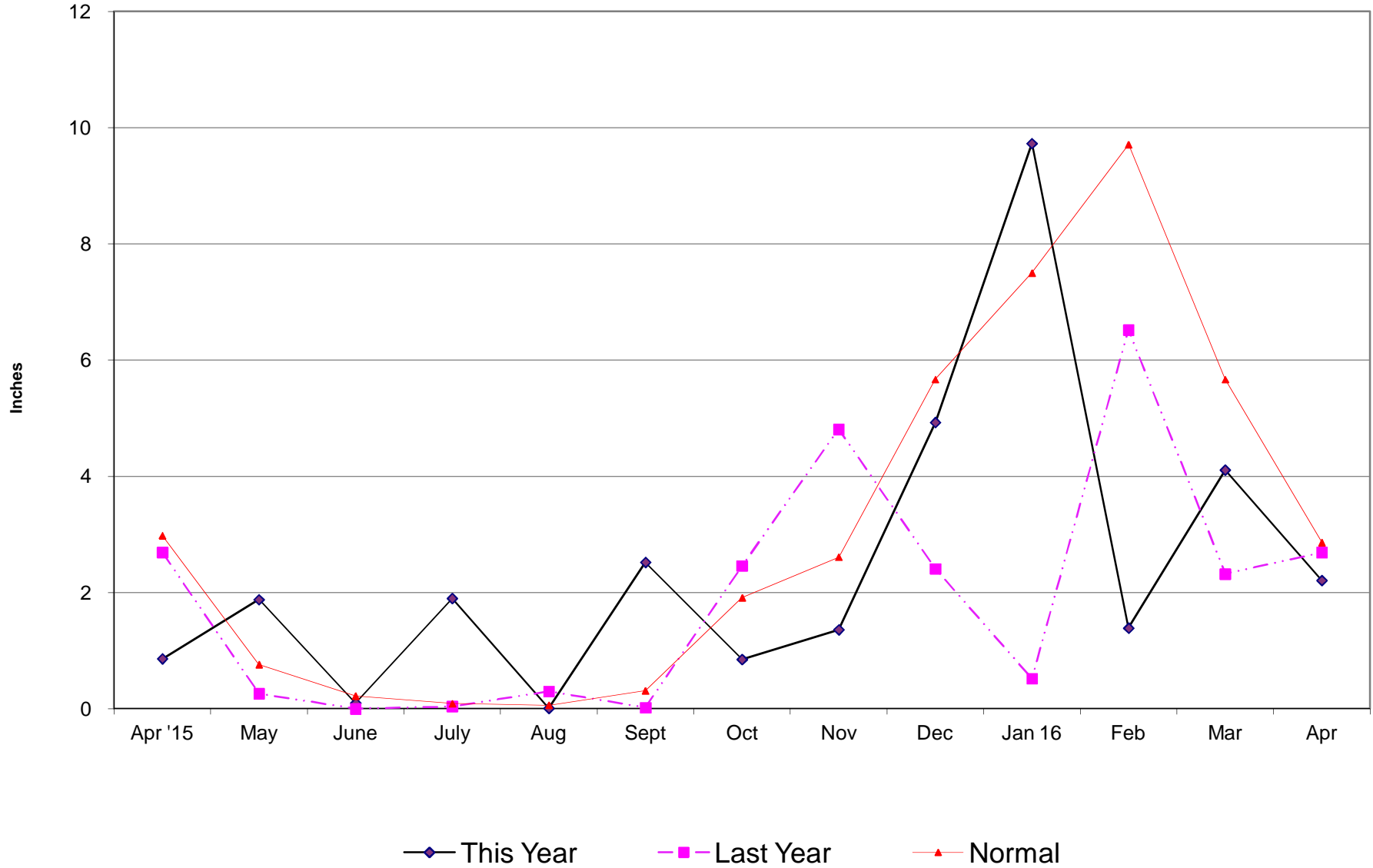
Crestline Village Water District

Purchased Water Cumulative



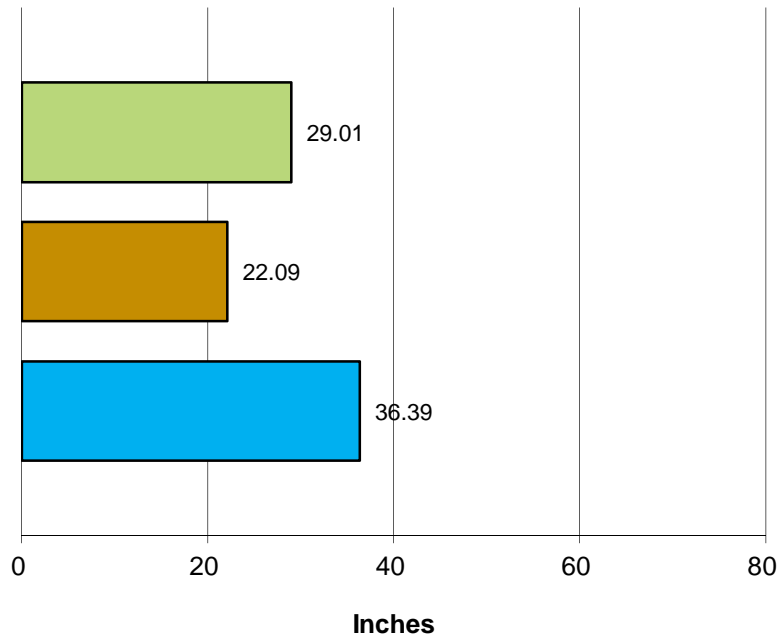
Crestline Village Water District

Rainfall - Last 13 Months



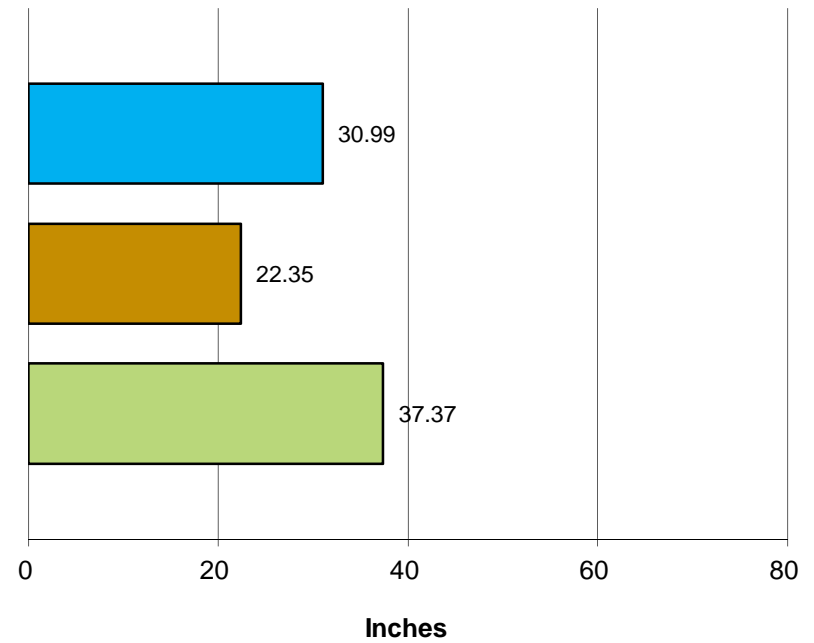
Crestline Village Water District

Total Rainfall July 1, 2015 to Beginning of Current Month



■ This Year ■ Last Year ■ Normal

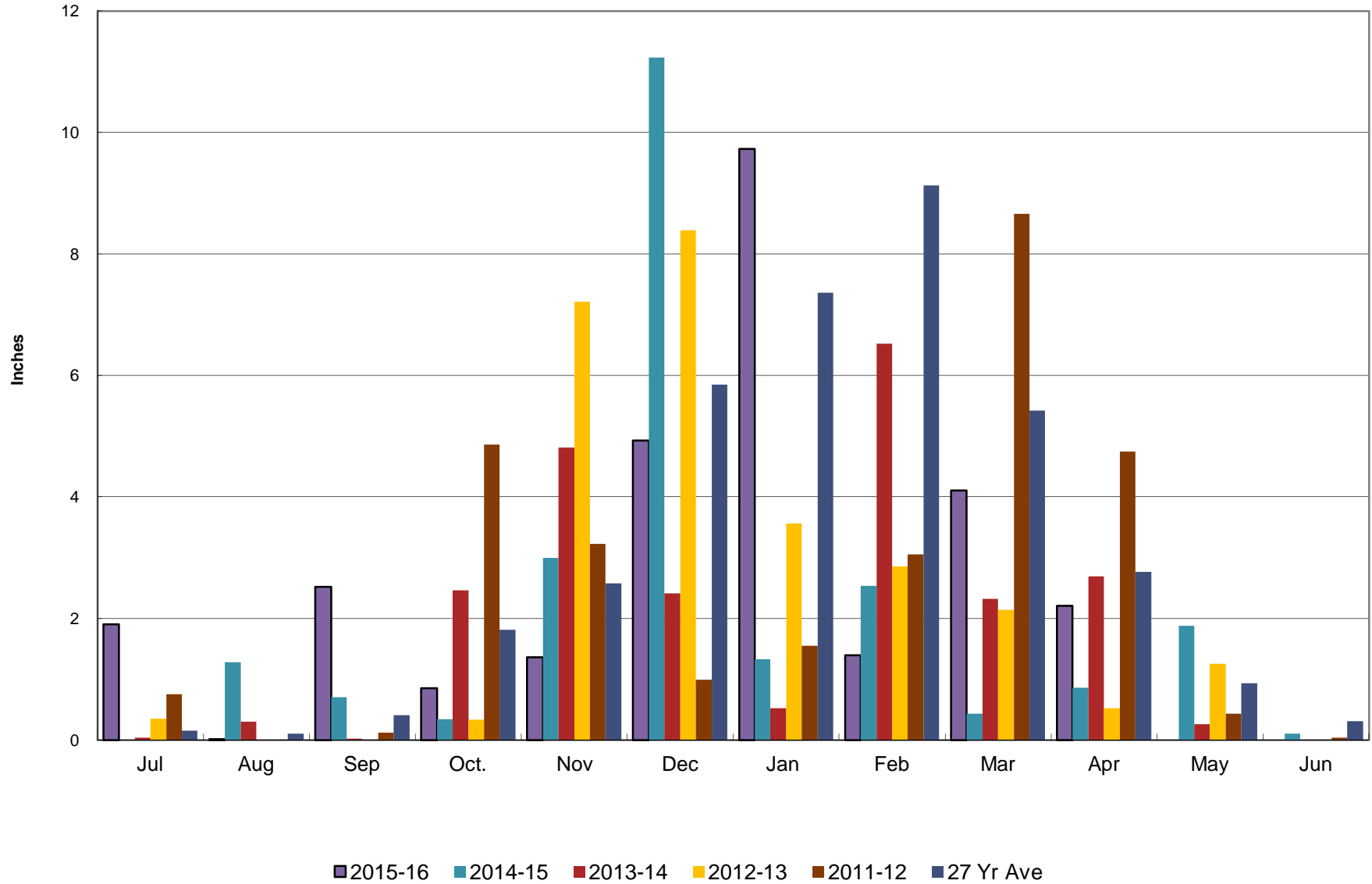
Total Rainfall Last 12 Months



■ This Year ■ Last Year ■ Normal

Crestline Village Water District

Rainfall by Month



Crestline Village Water District

Rainfall Cumulative

