

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

01/16/18

	Dec	Jan '17	Feb	Mar	Apr	May	June	July	August	Sept	Oct	Nov	Dec	Total
Sources of Supply														
Wells	653,020	778,620	898,292	1,305,512	1,277,540	1,559,470	1,269,163	1,381,209	1,344,721	1,207,963	1,336,316	1,257,966	1,005,141	15,274,933
Purchased Water	1,363,770	1,388,503	950,936	701,884	647,139	818,102	1,332,701	1,820,321	1,504,277	1,241,309	1,261,230	895,026	1,085,749	15,010,947
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Supplied	2,016,790	2,167,123	1,849,228	2,007,396	1,924,679	2,377,572	2,601,864	3,201,530	2,848,998	2,449,272	2,597,546	2,152,992	2,090,890	30,285,880
Water Used **														
Metered Accounts														
Crestline Area	894,009	921,219	797,663	882,949	870,336	1,091,651	1,156,702	1,308,089	1,258,165	1,094,458	1,146,764	929,011	857,932	13,208,948
Lake Gregory Area	964,569	1,043,759	835,789	920,132	891,457	1,129,907	1,159,206	1,468,103	1,398,841	1,059,138	1,277,802	1,090,278	960,903	14,199,884
Change in Storage	(61,470)	71,324	19,087	(64,285)	(1,349)	(54,056)	45,388	8,687	6,512	22,568	(9,963)	(38,767)	(5,501)	(61,825)
Flushing, System & Other	18,450	14,439	14,439	17,567	44,940	23,491	28,518	32,150	22,186	19,048	30,677	27,358	16,297	309,561
Accounted for Water	1,815,558	2,050,741	1,666,978	1,756,363	1,805,384	2,190,993	2,389,814	2,817,029	2,685,704	2,195,212	2,445,280	2,007,880	1,829,631	27,656,568
System Loss (CF)	201,232	116,382	182,250	251,033	119,295	186,579	212,050	384,501	163,294	254,060	152,266	145,112	261,259	2,629,312
System Loss (%)	10.0%	5.4%	9.9%	12.5%	6.2%	7.8%	8.1%	12.0%	5.7%	10.4%	5.9%	6.7%	12.5%	8.7%
System Loss (GPM)	34.8	18.9	33.8	42.1	22.1	29.4	36.7	64.4	27.4	45.5	24.7	25.1	48.5	37.4
Month to Month Averaging ***														
System Loss (CF)	100,616	158,807	149,316	216,642	185,164	152,937	199,315	298,276	273,897	208,677	203,163	148,689	203,186	2,498,685
System Loss (%)	5.0%	7.7%	7.6%	11.2%	9.4%	7.0%	8.0%	10.1%	8.9%	8.1%	8.1%	6.3%	9.6%	8.3%
System Loss (GPM)	17.4	26.9	26.4	37.9	32.1	25.7	33.0	50.6	45.9	36.4	35.1	24.9	36.8	35.6
Estimated Uses														
Known leaks - Est. loss	674	866	1,925	28,107	144	0	2,743	2,259	13,947	3,294	2,984	1,097	6,288	64,329
Total Estimated Uses	674	866	1,925	28,107	144	0	2,743	2,259	13,947	3,294	2,984	1,097	6,288	64,329
Unaccounted for Water (CF)	200,559	115,516	180,325	222,926	119,151	186,579	209,307	382,242	149,347	250,765	149,282	144,015	254,971	2,564,984
Unaccounted For (%)	9.9%	5.3%	9.8%	11.1%	6.2%	7.9%	8.0%	11.9%	5.2%	10.2%	5.8%	6.7%	12.2%	8.5%
Unaccounted For (GPM)	34.7	18.8	33.5	37.4	22.1	29.4	36.2	64.0	25.0	44.9	24.2	24.9	47.3	36.5
Number of Days in Period	30	32	28	31	28	33	30	31	31	29	32	30	28	365

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

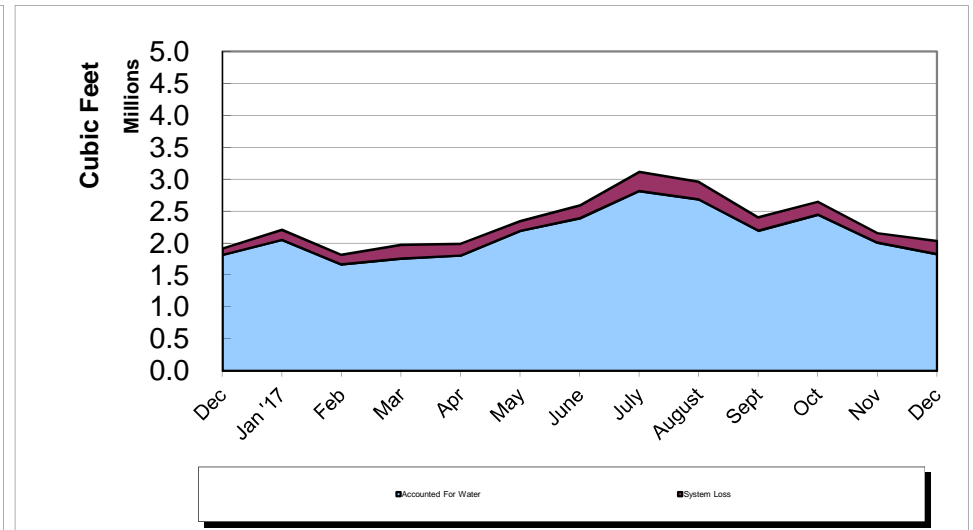
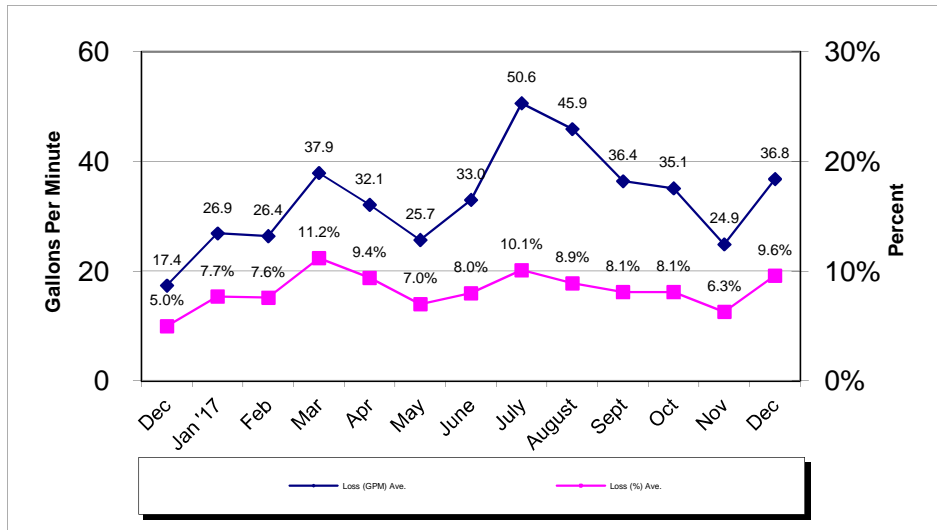
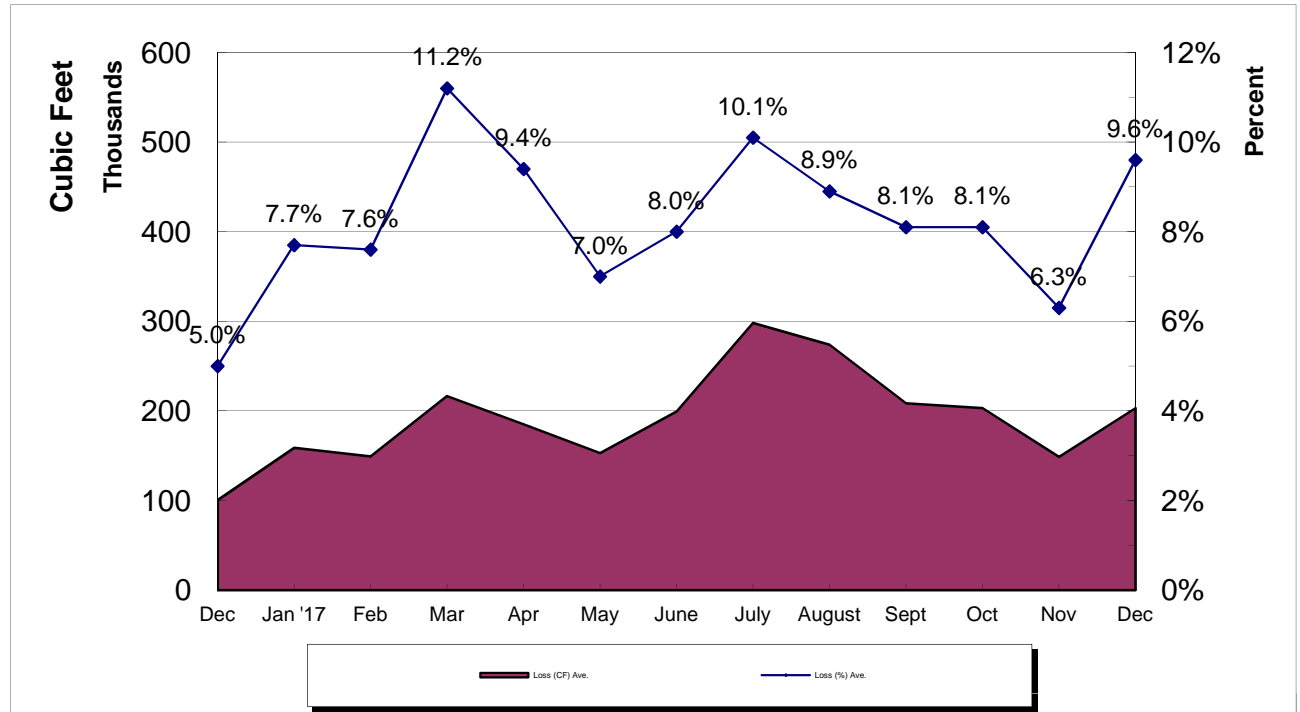
*** - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$5,364	\$5,074
Cost of 5% System Loss:	2,760	3,075
Amount above (below) 5% System Loss	\$2,604	\$1,999
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: 12/28/17

For Month of: December 2017

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,754	18.88	316,316	82.08%
Saxon	337,674	14,681	16.63	244,145	72.30%
Pinecrest I & II	2,063,492	54,302	29.92	1,624,716	78.74%
Zurich	380,500	16,910	17.87	302,182	79.42%
Lakeview	1,230,212	27,959	31.89	891,613	72.48%
Old Mill	705,900	27,150	22.88	621,192	88.00%
Barn	444,443	19,753	17.92	353,974	79.64%
Wilson	983,681	33,920	23.19	786,605	79.97%
Chillon	337,674	14,681	16.61	243,851	72.21%
Brookside	748,067	28,772	20.48	589,251	78.77%
Chamois	1,026,532	39,482	21.20	837,018	81.54%
Total	8,643,529		237.47	6,810,863	78.80%

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	57,133	On
Pioneer-2	37,136	On
Pioneer-1	29,345	On
Old Mill Springs	26,100	On
Maple Springs	13,754	On
Willow Springs	22,750	On
Brookside Springs	16,520	On
Hillside Springs	8,670	On
Pinecrest 1 & 2	51,730	On
Pinecrest Vertical	116,940	On
Cypress Vertical	89,180	On
Anderson Vertical	0	Off
Wilson Springs 1 & 2	97,469	On
Wilson Vertical	136,279	On
Felsen Vertical	147,778	On
Horst	53,738	On
Jewel 64	66,869	On
Cathcart	20,858	On
Bergschrund	12,892	On
Chamois	0	Off
Chamois Vertical	0	Off
	0	0
	0	0
	0	0
Lewter	0	Off
Total	1,005,141	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	75	80	(5)	-6.25%	353,476
Mile High 2"	37	40	(3)	-7.50%	193,235
Mile High 4"	0	0	0	0.00%	0
Pinecrest 2"	0	0	0	0.00%	0
Pinecrest 4"	90	90	0	0.00%	497,460
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%	41,578
Total	202	210	(8)	-3.81%	1,085,749

December Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	196.2	1,057,591		127.7	688,351
Actual M-T-D:	201.4	1,085,749		186.5	1,005,141
Over/(Under) Last Year:	5.2	28,158.0		58.8	316,790.0

Total	GPM	Cubic Feet
Last Year M-T-D:	323.9	1,745,942
Actual M-T-D:	387.9	2,090,890
Over/(Under) Last Year:	64.0	344,948.0

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

01/11/18

Source Name	December	January '17	February	March	April	May	June	July	August	September	October	November	December	Last 12 Months	13 Months
Division 10															
Altdorf	49,232	88,387	87,143	87,303	5,952	76,194	65,866	65,173	63,462	58,548	64,125	59,842	57,133	779,128	828,360
Pioneer #2	32,122	36,621	35,712	40,847	24,155	43,679	39,591	41,656	39,862	37,980	41,789	39,038	37,136	458,066	490,188
Pioneer #1	23,026	84,684	445	38,754	25,153	40,904	34,831	35,094	34,241	31,175	33,665	31,063	29,345	419,354	442,380
Old Mill Springs	10,900	57,620	60,850	74,420	64,070	57,190	45,990	48,920	41,550	34,420	33,240	28,580	26,100	572,950	583,850
Maple Springs	0	1,719	0	32,944	16,328	27,498	18,512	20,779	16,253	15,072	16,204	14,593	13,754	193,656	193,656
Willow Springs	0	0	0	68,290	54,070	51,180	39,370	35,200	31,420	27,650	27,700	25,290	22,750	382,920	382,920
Brookside Springs	0	0	0	32,000	36,710	40,440	33,050	31,880	0	0	0	0	16,520	190,600	190,600
Hillside Springs	0	0	0	0	0	0	0	48,050	22,820	13,770	12,440	9,940	8,670	115,690	115,690
Pinecrest	4,890	34,220	27,130	83,050	84,140	96,940	85,260	79,240	75,840	64,630	66,380	57,470	51,730	806,030	810,920
Pinecrest Vertical	83,450	97,250	92,760	146,310	164,870	205,800	181,510	179,810	168,550	144,300	146,110	218,510	116,940	1,862,720	1,946,170
Cypress Vertical	85,190	87,800	82,470	90,810	83,430	114,440	99,460	98,700	95,120	90,150	100,850	93,320	89,180	1,125,730	1,210,920
Anderson Vertical	0	0	119,791	136,809	130,872	149,098	136,135	137,797	134,892	125,244	130,237	119,593	0	1,320,468	1,320,468
Division 10 Totals	288,810	488,301	506,301	831,537	689,750	903,363	779,575	822,299	724,010	642,939	672,740	697,239	469,258	8,227,312	8,516,122
Division 20															
Wilson Springs #1 & 2	55,366	68,435	77,620	114,448	120,999	141,445	127,661	124,026	121,480	110,096	116,816	104,114	97,469	1,324,609	1,379,975
Wilson Vertical	78,300	1,300	54,300	120,130	130,227	156,623	145,137	163,704	152,704	135,132	168,690	138,000	136,279	1,502,226	1,580,526
Felsen Vertical	90,756	62,825	99,466	15,372	129,320	153,576	16,740	80,344	158,128	148,289	164,205	153,387	147,778	1,329,430	1,420,186
Horst	25,724	27,287	33,458	51,446	59,343	74,267	70,491	71,732	70,472	63,506	66,349	59,791	53,738	701,880	727,604
Jewell No. 64	64,069	72,455	69,505	82,502	64,753	74,801	74,485	71,987	73,255	68,620	74,329	67,665	66,869	861,226	925,295
Cathcart	17,745	23,477	26,872	31,016	27,489	29,895	26,126	25,982	25,020	22,401	24,366	21,766	20,858	305,268	323,013
Bergschrund	0	0	0	23,901	23,719	25,500	21,878	21,135	19,652	16,980	17,191	14,774	12,892	197,622	197,622
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	32,250	34,540	30,770	35,160	31,940	0	7,070	0	0	0	31,630	1,230	0	172,340	204,590
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Division 20 Totals	364,210	290,319	391,991	473,975	587,790	656,107	489,588	558,910	620,711	565,024	663,576	560,727	535,883	6,394,601	6,758,811
Total District Sources	653,020	778,620	898,292	1,305,512	1,277,540	1,559,470	1,269,163	1,381,209	1,344,721	1,207,963	1,336,316	1,257,966	1,005,141	14,621,913	15,274,933
C.L.A.W.A.															
Crest Forest 6"	394,519	393,048	255,882	244,251	44,118	231,016	276,872	383,289	339,037	289,037	279,947	267,513	353,476	3,357,486	3,752,005
Mile High Park 2"	0	0	0	0	0	0	60,909	0	0	0	0	165,214	193,235	419,358	419,358
Mile High Park 4"	180,080	173,797	160,428	184,492	163,636	193,984	197,460	282,086	248,930	233,422	265,374	16,711	0	2,120,320	2,300,400
Pinecrest 2"	0	0	0	112,981	364,118	393,102	0	0	0	0	0	0	0	870,201	870,201
Pinecrest 4"	744,786	821,658	534,626	160,160	0	0	718,316	719,251	880,615	699,465	715,909	445,588	497,460	6,193,048	6,937,834
Lake Drive 2"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake Drive 4"	0	0	0	0	0	0	0	363,235	0	0	0	0	0	363,235	363,235
Camp Seely	44,385	0	0	0	75,267	0	79,144	72,460	35,695	19,385	0	0	41,578	323,529	367,914
C.L.A.W.A. Totals	1,363,770	1,388,503	950,936	701,884	647,139	818,102	1,332,701	1,820,321	1,504,277	1,241,309	1,261,230	895,026	1,085,749	13,647,177	15,010,947
Grand Totals	2,016,790	2,167,123	1,849,228	2,007,396	1,924,679	2,377,572	2,601,864	3,201,530	2,848,998	2,449,272	2,597,546	2,152,992	2,090,890	28,269,090	30,285,880

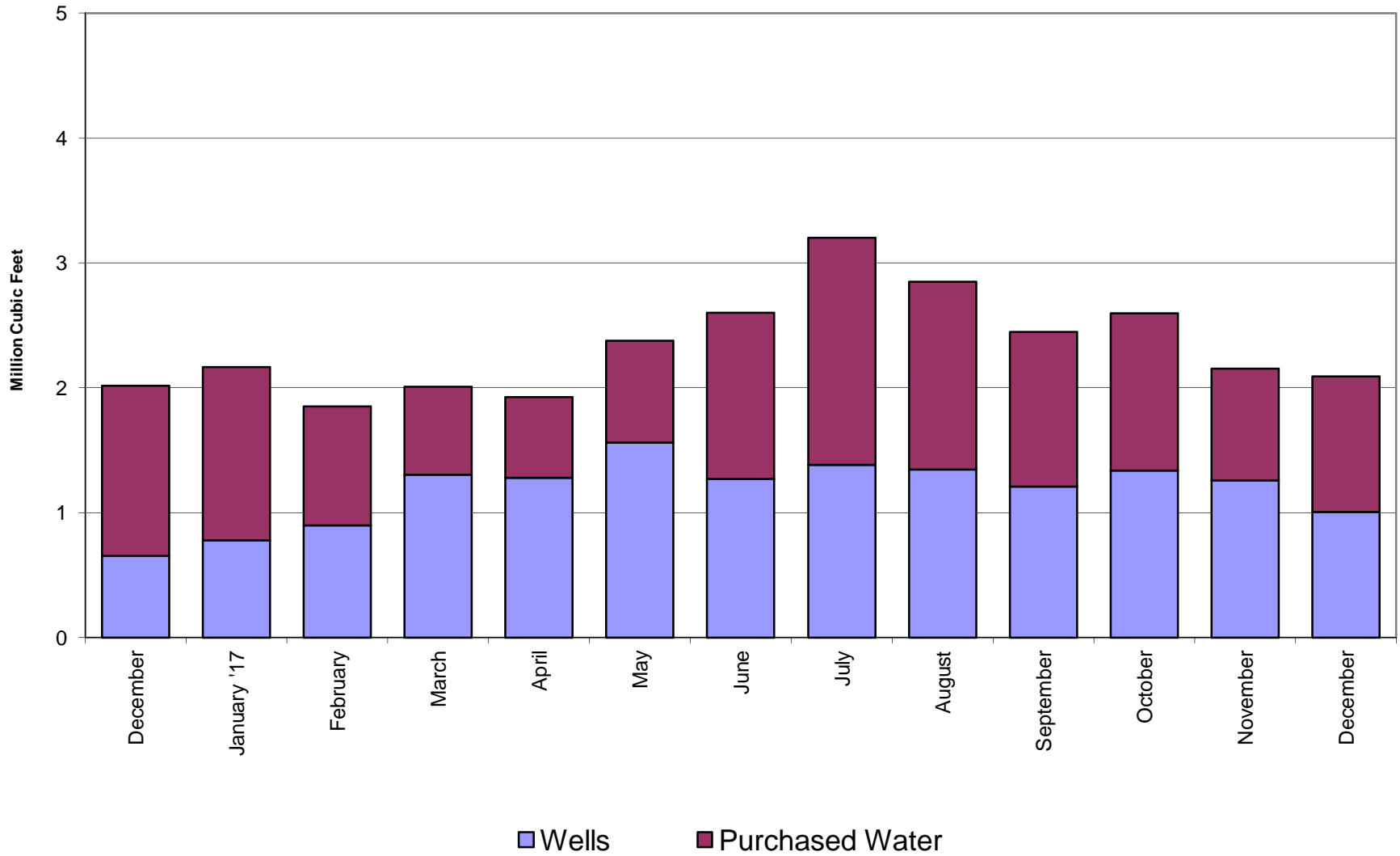
**Crestline Village Water District
Source of Supply Production Report
Cubic Feet
Last 13 Months**

01/11/18

<u>Source Name</u>	<u>December</u>	<u>January '17</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	288,810	488,301	506,301	831,537	689,750	903,363	779,575	822,299	724,010	642,939	672,740	697,239	469,258	8,227,312	8,516,122
Division 20	364,210	290,319	391,991	473,975	587,790	656,107	489,588	558,910	620,711	565,024	663,576	560,727	535,883	6,394,601	6,758,811
Total	653,020	778,620	898,292	1,305,512	1,277,540	1,559,470	1,269,163	1,381,209	1,344,721	1,207,963	1,336,316	1,257,966	1,005,141	14,621,913	15,274,933
Division 10	44.23%	62.71%	56.36%	63.69%	53.99%	57.93%	61.42%	59.53%	53.84%	53.23%	50.34%	55.43%	46.69%	56.27%	55.75%
Division 20	55.77%	37.29%	43.64%	36.31%	46.01%	42.07%	38.58%	40.47%	46.16%	46.77%	49.66%	44.57%	53.31%	43.73%	44.25%
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	653,020	778,620	898,292	1,305,512	1,277,540	1,559,470	1,269,163	1,381,209	1,344,721	1,207,963	1,336,316	1,257,966	1,005,141	14,621,913	15,274,933
C.L.A.W.A.	1,363,770	1,388,503	950,936	701,884	647,139	818,102	1,332,701	1,820,321	1,504,277	1,241,309	1,261,230	895,026	1,085,749	13,647,177	15,010,947
Total Sources	2,016,790	2,167,123	1,849,228	2,007,396	1,924,679	2,377,572	2,601,864	3,201,530	2,848,998	2,449,272	2,597,546	2,152,992	2,090,890	28,269,090	30,285,880
District Sources	32.38%	35.93%	48.58%	65.04%	66.38%	65.59%	48.78%	43.14%	47.20%	49.32%	51.45%	58.43%	48.07%	51.72%	50.44%
C.L.A.W.A.	67.62%	64.07%	51.42%	34.96%	33.62%	34.41%	51.22%	56.86%	52.80%	50.68%	48.55%	41.57%	51.93%	48.28%	49.56%
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%

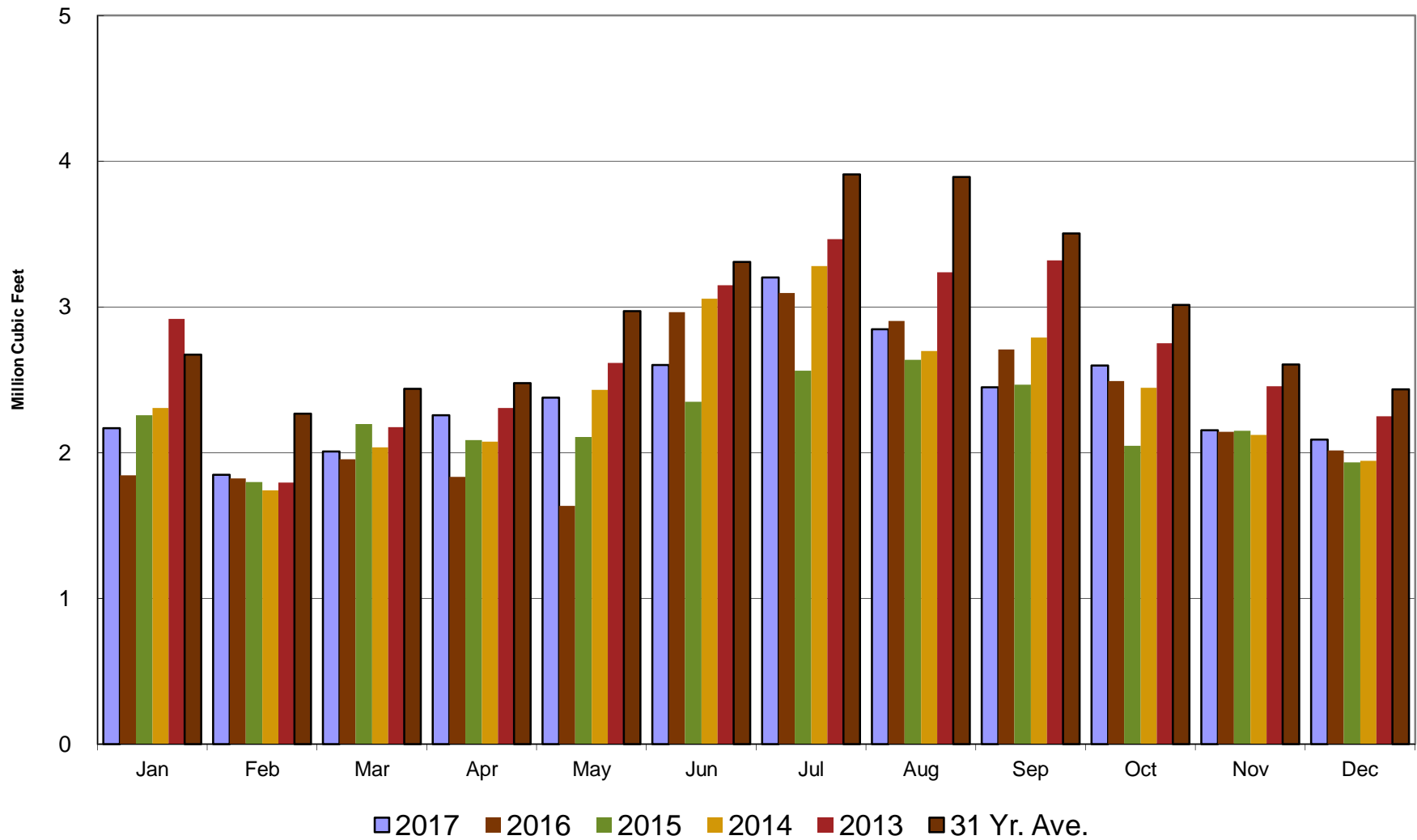
Crestline Village Water District

Water Sources - Last 13 Months



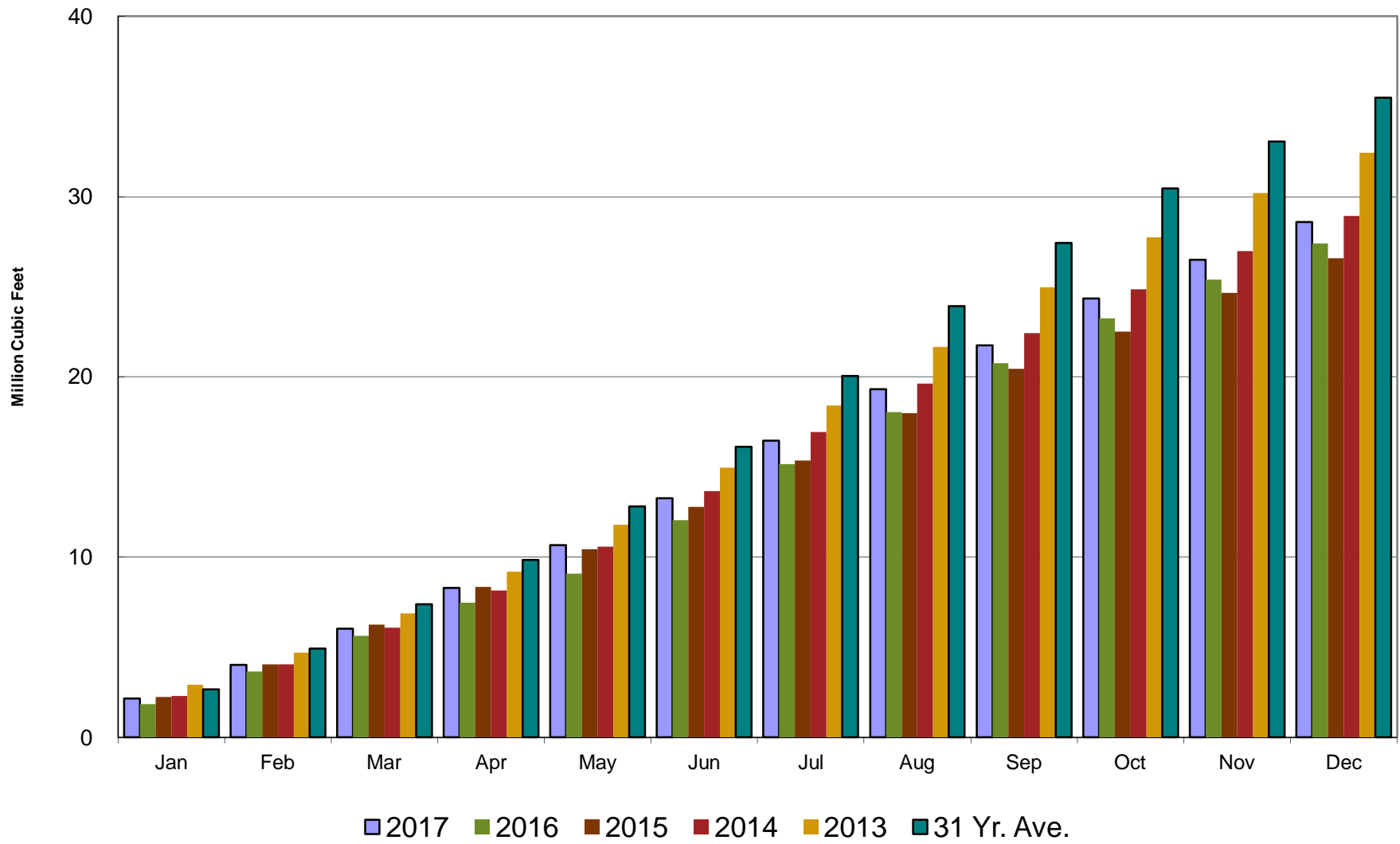
Crestline Village Water District

Total Production by Month



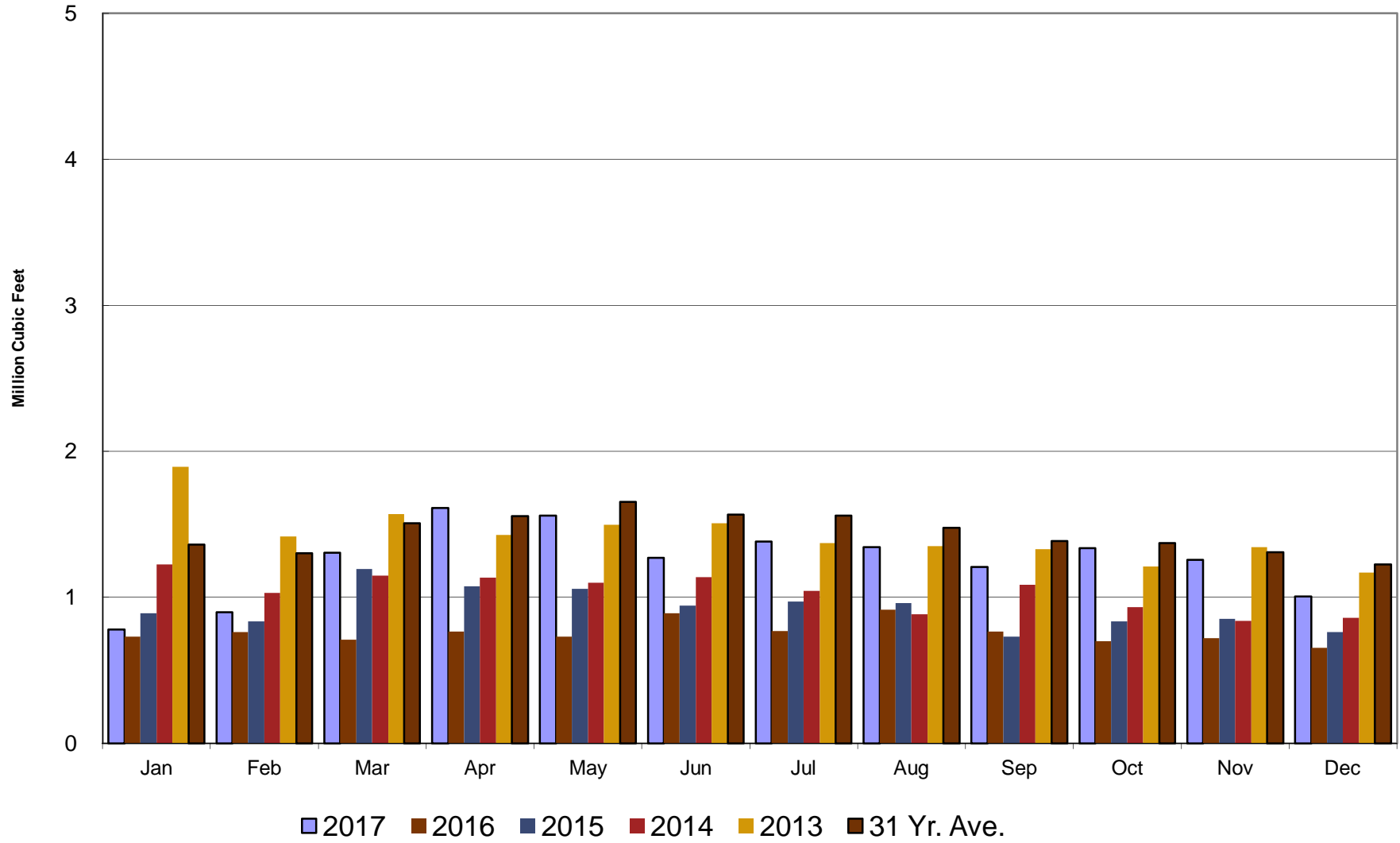
Crestline Village Water District

Total Production Cumulative



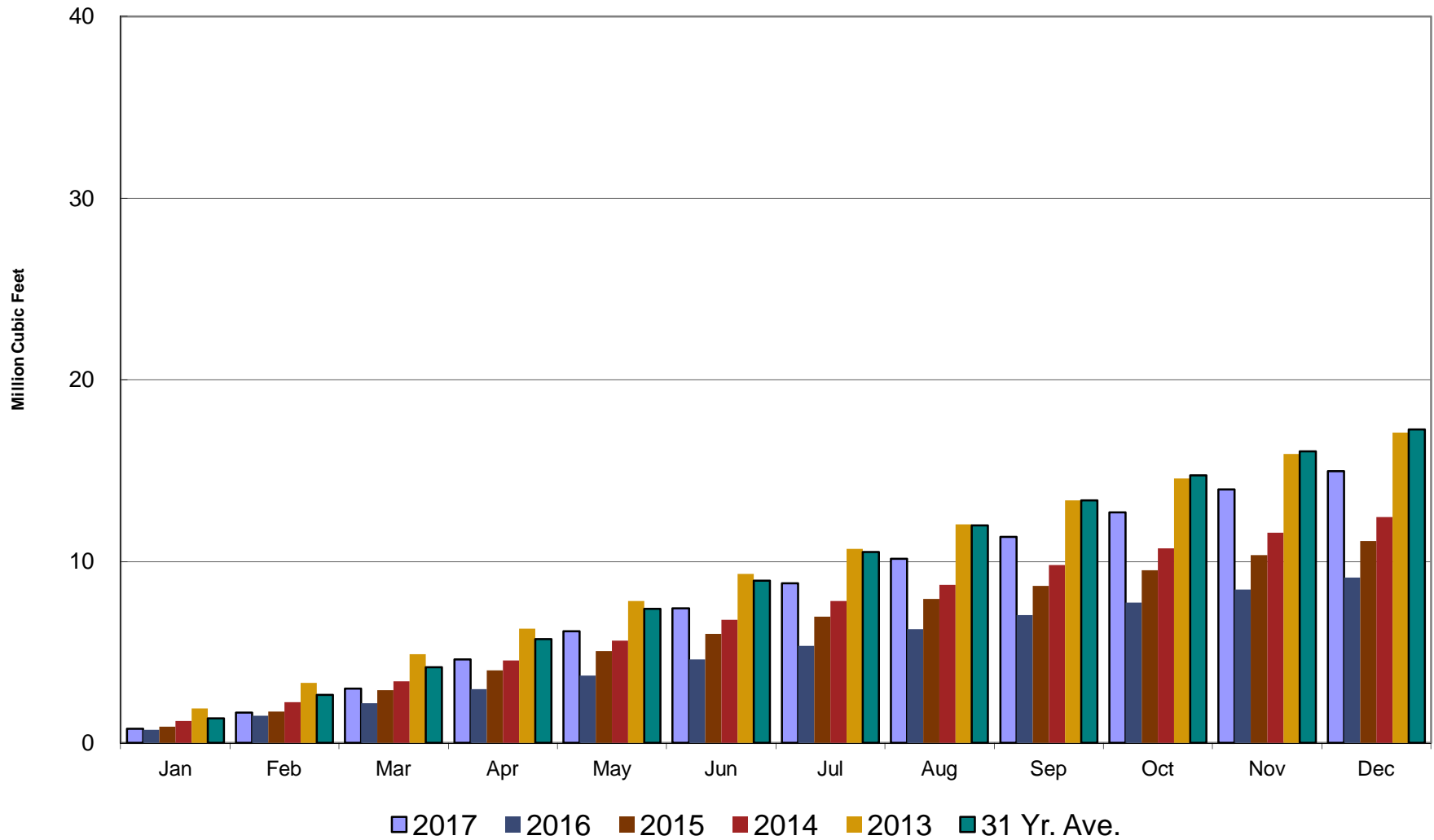
Crestline Village Water District

Well Production by Month



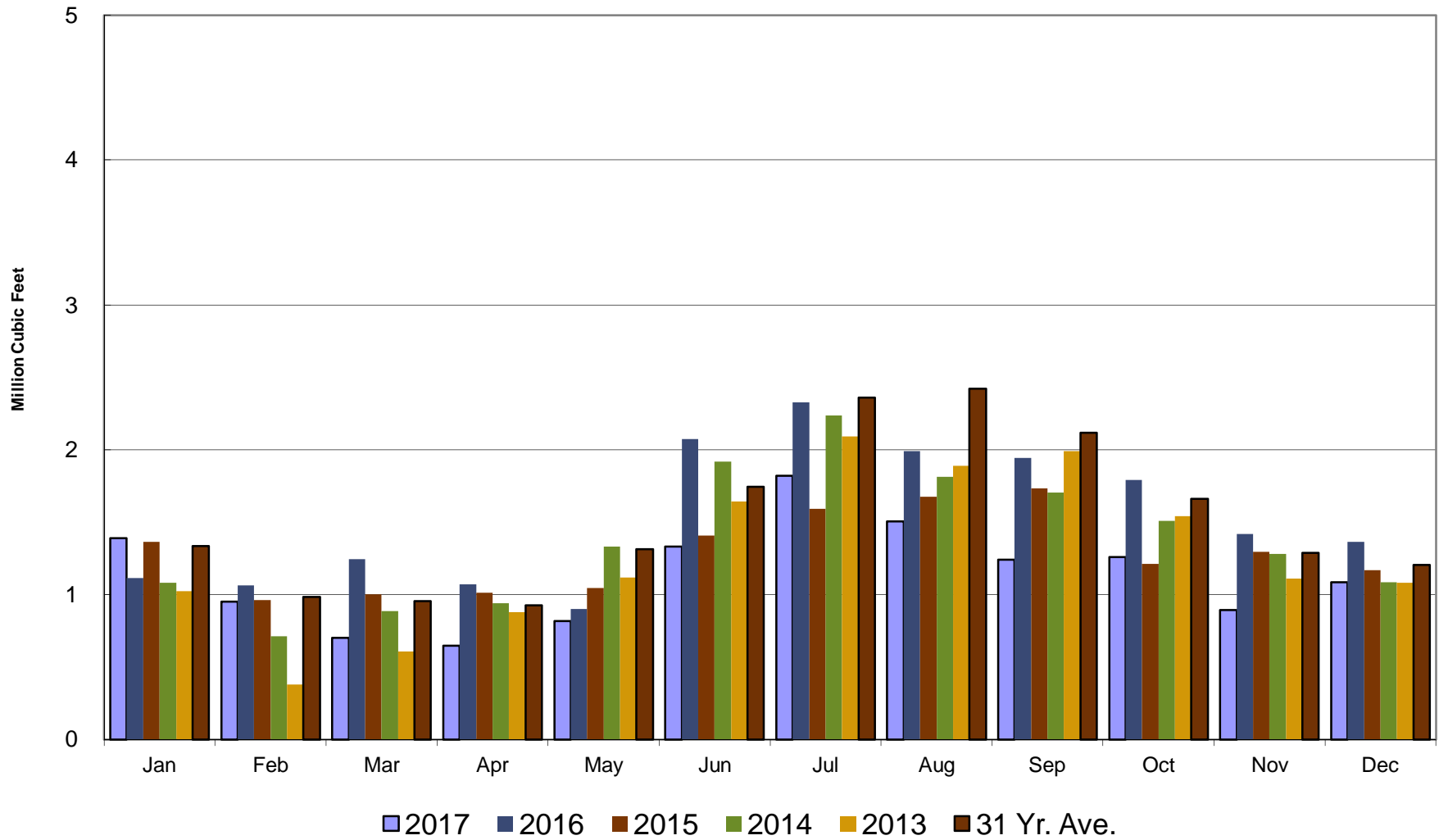
Crestline Village Water District

Well Production Cumulative



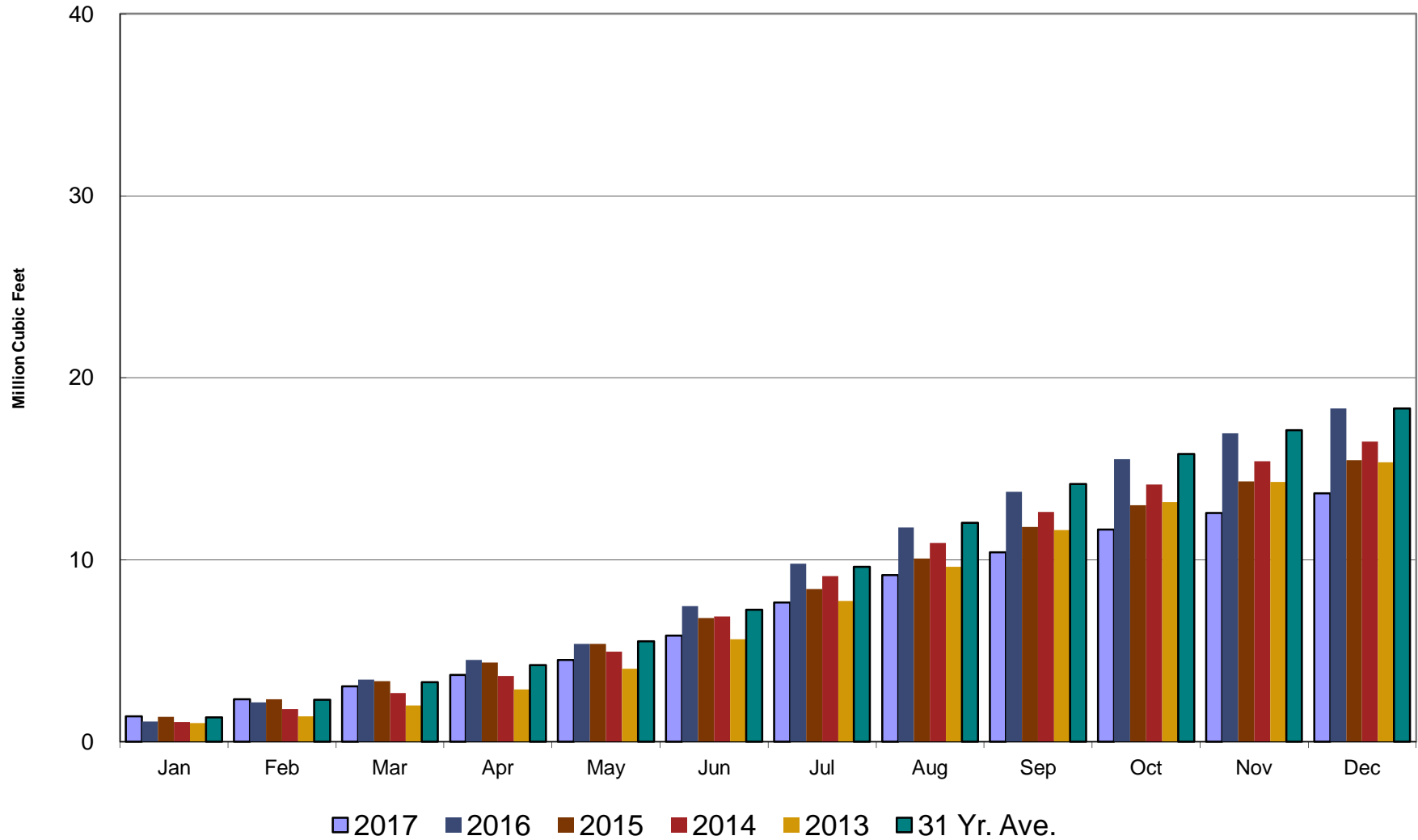
Crestline Village Water District

Purchased Water by Month



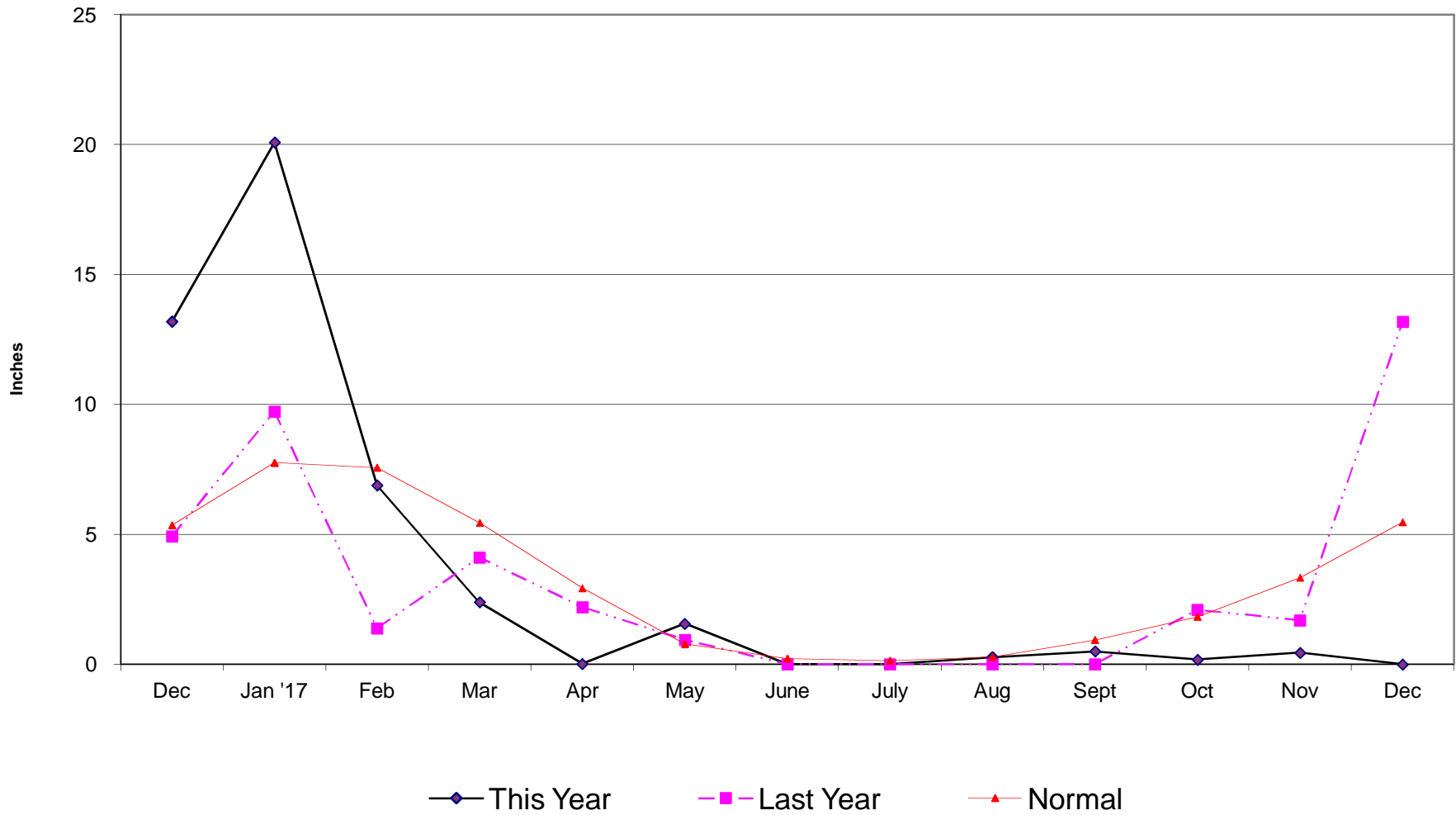
Crestline Village Water District

Purchased Water Cumulative



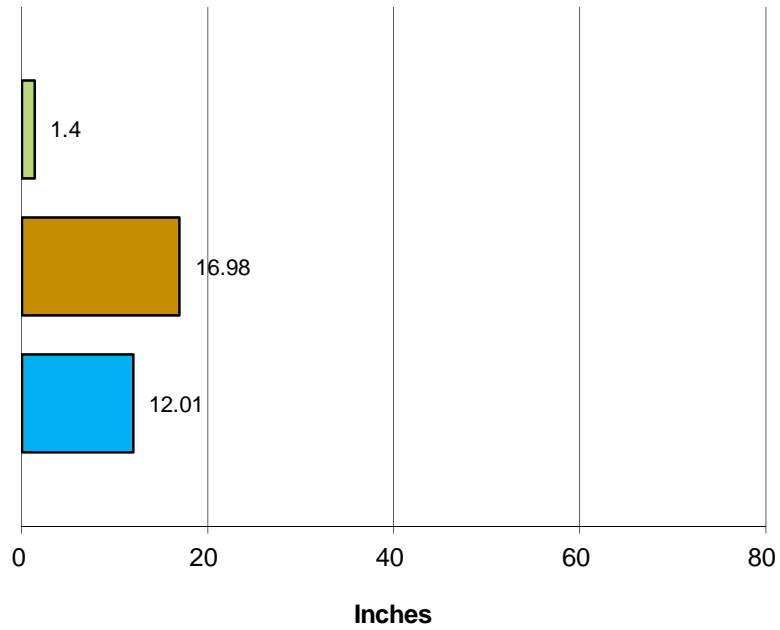
Crestline Village Water District

Rainfall - Last 13 Months



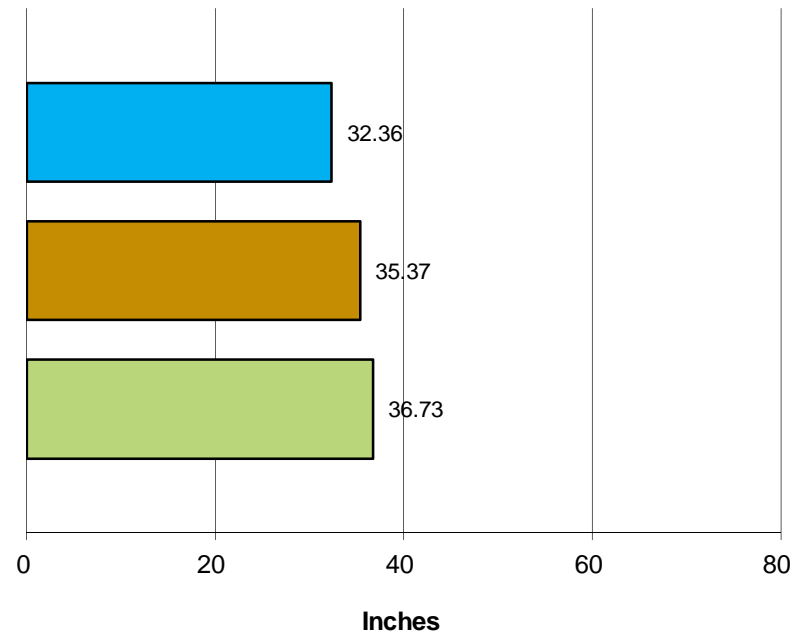
Crestline Village Water District

Total Rainfall July 1, 2017 to Beginning of Current Month



■ This Year ■ Last Year ■ Normal

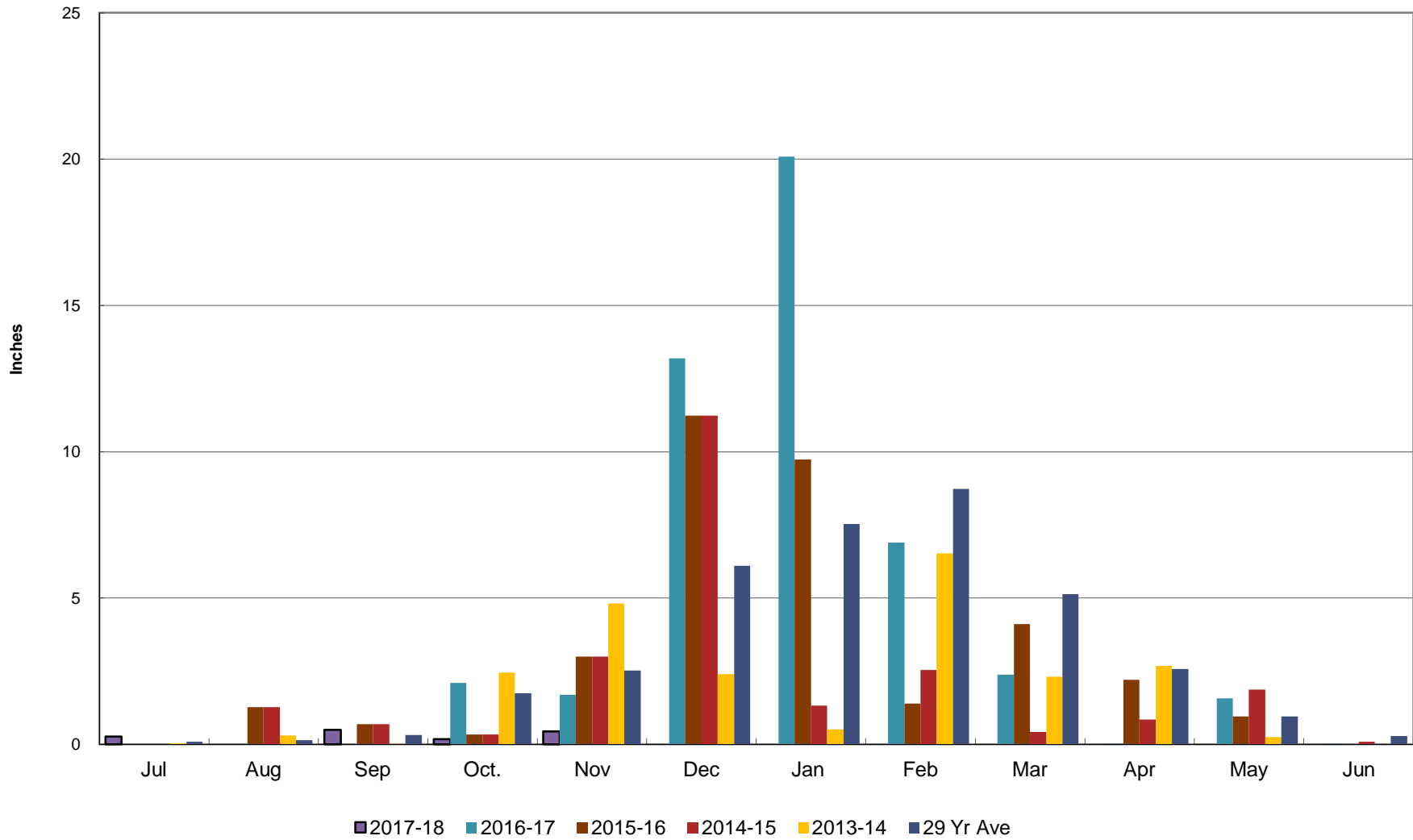
Total Rainfall Last 12 Months



■ This Year ■ Last Year ■ Normal

Crestline Village Water District

Rainfall by Month



Crestline Village Water District

Rainfall Cumulative

