

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

03/16/18

	Feb	Mar	Apr	May	June	July	August	Sept	Oct	Nov	Dec	Jan '18	Feb	Total
Sources of Supply														
Wells	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	1,219,086	1,008,282	16,070,661
Purchased Water	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	1,299,025	849,865	14,407,564
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Supplied	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	2,518,111	1,858,147	30,478,225
Water Used **														
Metered Accounts														
Crestline Area	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	993,174	854,670	13,241,564
Lake Gregory Area	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	1,204,770	924,561	14,320,887
Change in Storage	19,087	(64,285)	(1,349)	(54,056)	45,388	8,687	6,512	22,568	(9,963)	(38,767)	(5,501)	41,851	(17,478)	(47,306)
Flushing, System & Other	14,439	17,567	44,940	23,491	28,518	32,150	22,186	19,048	30,677	27,358	16,297	14,940	14,439	306,051
Accounted for Water	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	2,254,735	1,776,192	27,821,196
System Loss (CF)	182,250	251,033	119,295	186,579	212,050	384,501	163,294	254,060	152,266	145,112	261,259	263,376	81,955	2,657,029
System Loss (%)	9.9%	12.5%	6.2%	7.8%	8.1%	12.0%	5.7%	10.4%	5.9%	6.7%	12.5%	10.5%	4.4%	8.7%
System Loss (GPM)	33.8	42.1	22.1	29.4	36.7	64.4	27.4	45.5	24.7	25.1	48.5	40.2	15.2	38.0
Month to Month Averaging ***														
System Loss (CF)	91,125	216,642	185,164	152,937	199,315	298,276	273,897	208,677	203,163	148,689	203,186	262,318	172,666	2,616,055
System Loss (%)	4.9%	11.2%	9.4%	7.0%	8.0%	10.1%	8.9%	8.1%	8.1%	6.3%	9.6%	11.5%	7.4%	8.6%
System Loss (GPM)	16.9	37.9	32.1	25.7	33.0	50.6	45.9	36.4	35.1	24.9	36.8	44.4	27.7	37.4
Estimated Uses														
Known leaks - Est. loss	1,925	28,107	144	0	2,743	2,259	13,947	3,294	2,984	1,097	6,288	28,570	0	91,358
Total Estimated Uses	1,925	28,107	144	0	2,743	2,259	13,947	3,294	2,984	1,097	6,288	28,570	0	91,358
Unaccounted for Water (CF)	180,325	222,926	119,151	186,579	209,307	382,242	149,347	250,765	149,282	144,015	254,971	234,806	81,955	2,565,671
Unaccounted For (%)	9.8%	11.1%	6.2%	7.9%	8.0%	11.9%	5.2%	10.2%	5.8%	6.7%	12.2%	9.3%	4.4%	8.4%
Unaccounted For (GPM)	33.5	37.4	22.1	29.4	36.2	64.0	25.0	44.9	24.2	24.9	47.3	35.9	15.2	36.7
Number of Days in Period	28	31	28	33	30	31	31	29	32	30	28	34	28	363

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

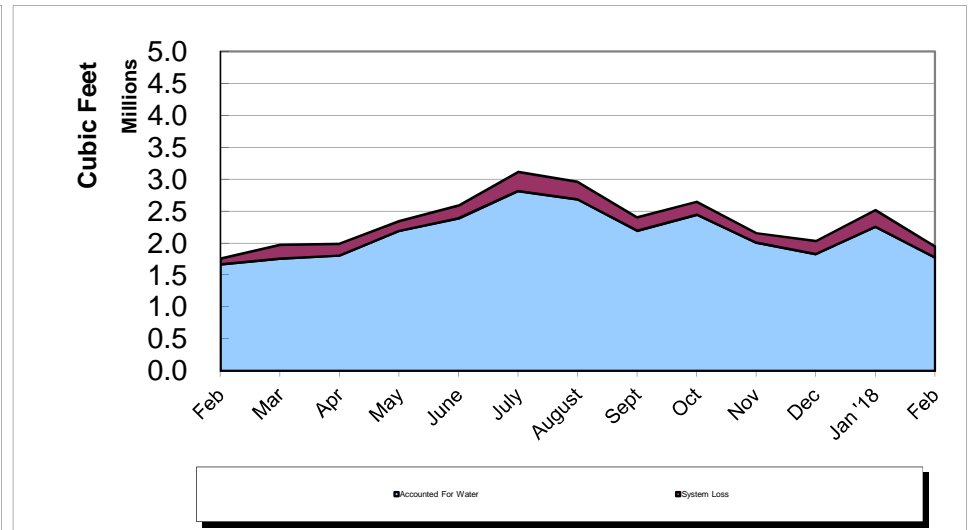
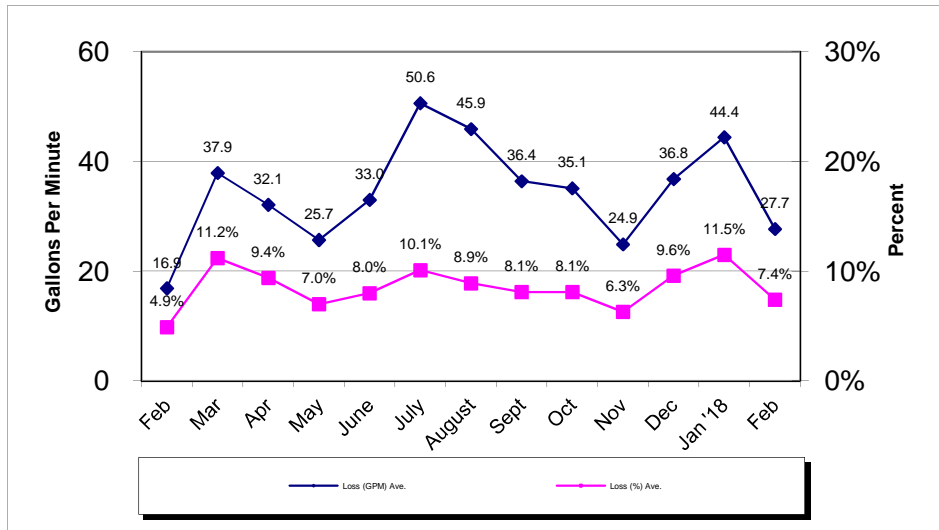
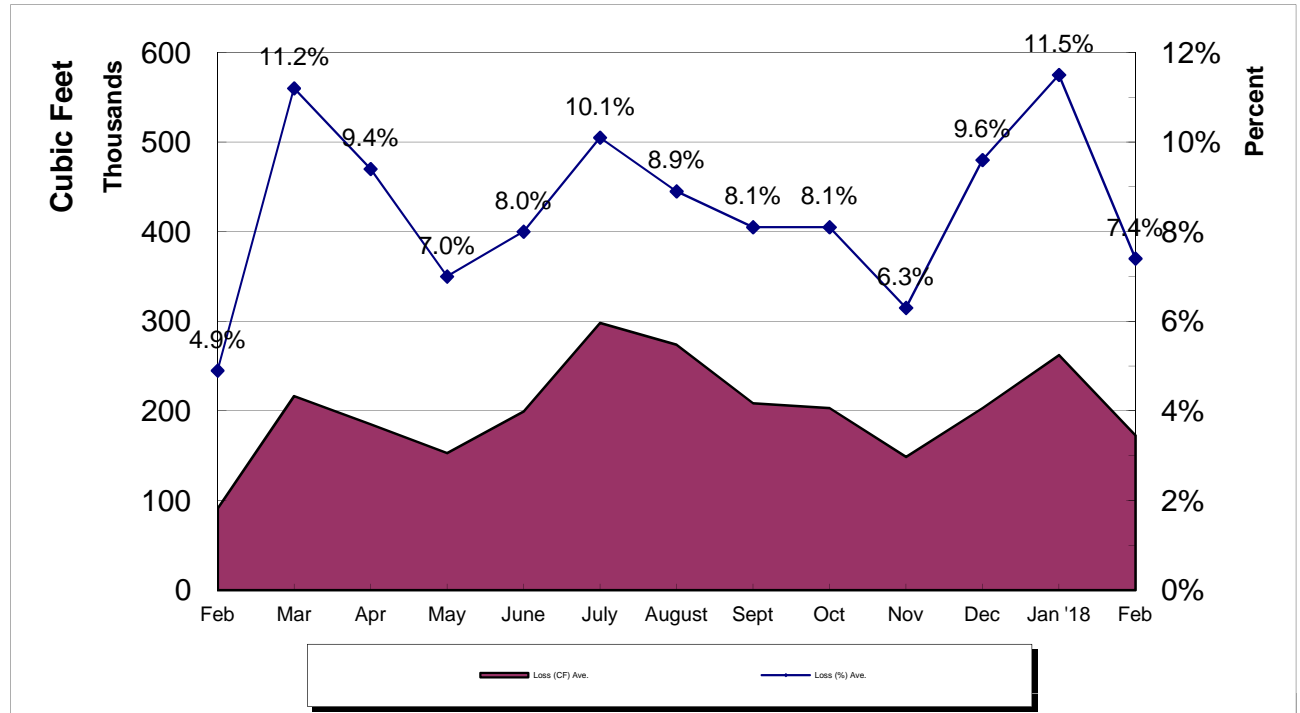
*** - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$4,558	\$5,313
Cost of 5% System Loss:	2,453	3,095
Amount above (below) 5% System Loss	\$2,105	\$2,218
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: 02/28/18

For Month of: February 2018

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,752	18.70	313,262	81.29%
Saxon	337,674	14,681	16.80	246,641	73.04%
Pinecrest I & II	2,063,492	54,302	31.60	1,715,943	83.16%
Zurich	380,500	18,789	18.20	341,960	89.87%
Lakeview	1,230,212	27,955	33.20	928,106	75.44%
Old Mill	705,900	27,151	22.80	619,043	87.70%
Barn	444,443	19,752	17.80	351,586	79.11%
Wilson	983,681	33,915	23.10	783,437	79.64%
Chillon	337,674	14,679	16.30	239,268	70.86%
Brookside	748,067	28,772	23.00	661,756	88.46%
Chamois	1,026,532	39,482	21.00	829,122	80.77%
Total	8,643,529		242.50	7,030,124	81.33%

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	55,498	On
Pioneer-2	35,025	On
Pioneer-1	27,165	On
Old Mill Springs	21,360	On
Maple Springs	11,656	On
Willow Springs	18,170	On
Brookside Springs	11,630	On
Hillside Springs	6,800	On
Pinecrest 1 & 2	43,190	On
Pinecrest Vertical	98,370	On
Cypress Vertical	83,530	On
Anderson Vertical	62,888	On
Wilson Springs 1 & 2	85,552	On
Wilson Vertical	124,925	On
Felsen Vertical	140,783	On
Horst	56,464	On
Jewel 64	61,751	On
Cathcart	24,171	On
Bergschrund	13,244	On
Chamois	0	Off
Chamois Vertical	26,110	Off
	0	0
	0	0
	0	0
Lewter	0	Off
Total	1,008,282	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	46	50	(4)	-8.00%	248,930
Mile High 2"	38	40	(2)	-5.00%	208,422
Mile High 4"	0	0	0	0.00%	0
Pinecrest 2"	0	0	0	0.00%	0
Pinecrest 4"	66	70	(4)	-5.71%	371,791
Lake Drive 2"	0	0	0	0.00%	0
Lake Drive 4"	0	0	0	0.00%	0
Camp Seely	13	0	13	0.00%	20,722
Total	150	160	(10)	-6.25%	849,865

February Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	185.5	999,914		160.6	865,695
Actual M-T-D:	157.7	849,865		187.1	1,008,282
Over/(Under) Last Year:	(27.8)	(150,049.0)		26.5	142,587.0

Total	GPM	Cubic Feet
Last Year M-T-D:	346.1	1,865,609
Actual M-T-D:	344.7	1,858,147
Over/(Under) Last Year:	(1.4)	(7,462.0)

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

03/15/18

<u>Source Name</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>January '18</u>	<u>February</u>	<u>Last 12 Months</u>	<u>13 Months</u>
Division 10															
Altdorf	87,143	87,303	5,952	76,194	65,866	65,173	63,462	58,548	64,125	59,842	57,133	66,940	55,498	726,036	813,179
Pioneer #2	35,712	40,847	24,155	43,679	39,591	41,656	39,862	37,980	41,789	39,038	37,136	41,976	35,025	462,734	498,446
Pioneer #1	445	38,754	25,153	40,904	34,831	35,094	34,241	31,175	33,665	31,063	29,345	35,124	27,165	396,514	396,959
Old Mill Springs	60,850	74,420	64,070	57,190	45,990	48,920	41,550	34,420	33,240	28,580	26,100	27,680	21,360	503,520	564,370
Maple Springs	0	32,944	16,328	27,498	18,512	20,779	16,253	15,072	16,204	14,593	13,754	15,337	11,656	218,930	218,930
Willow Springs	0	68,290	54,070	51,180	39,370	35,200	31,420	27,650	27,700	25,290	22,750	22,180	18,170	423,270	423,270
Brookside Springs	0	32,000	36,710	40,440	33,050	31,880	0	0	0	0	16,520	20,470	11,630	222,700	222,700
Hillside Springs	0	0	0	0	0	48,050	22,820	13,770	12,440	9,940	8,670	8,740	6,800	131,230	131,230
Pinecrest	27,130	83,050	84,140	96,940	85,260	79,240	75,840	64,630	66,380	57,470	51,730	54,920	43,190	842,790	869,920
Pinecrest Vertical	92,760	146,310	164,870	205,800	181,510	179,810	168,550	144,300	146,110	218,510	116,940	124,430	98,370	1,895,510	1,988,270
Cypress Vertical	82,470	90,810	83,430	114,440	99,460	98,700	95,120	90,150	100,850	93,320	89,180	98,280	83,530	1,137,270	1,219,740
Anderson Vertical	119,791	136,809	130,872	149,098	136,135	137,797	134,892	125,244	130,237	119,593	0	93,410	62,888	1,356,975	1,476,766
Division 10 Totals	506,301	831,537	689,750	903,363	779,575	822,299	724,010	642,939	672,740	697,239	469,258	609,487	475,282	8,317,479	8,823,780
Division 20															
Wilson Springs #1 & 2	77,620	114,448	120,999	141,445	127,661	124,026	121,480	110,096	116,816	104,114	97,469	106,364	85,552	1,370,470	1,448,090
Wilson Vertical	54,300	120,130	130,227	156,623	145,137	163,704	152,704	135,132	168,690	138,000	136,279	151,244	124,925	1,722,795	1,777,095
Felsen Vertical	99,466	15,372	129,320	153,576	16,740	80,344	158,128	148,289	164,205	153,387	147,778	166,822	140,783	1,474,744	1,574,210
Horst	33,458	51,446	59,343	74,267	70,491	71,732	70,472	63,506	66,349	59,791	53,738	37,819	56,464	735,418	768,876
Jewell No. 64	69,505	82,502	64,753	74,801	74,485	71,987	73,255	68,620	74,329	67,665	66,869	73,851	61,751	854,868	924,373
Cathcart	26,872	31,016	27,489	29,895	26,126	25,982	25,020	22,401	24,366	21,766	20,858	13,838	24,171	292,928	319,800
Bergschrund	0	23,901	23,719	25,500	21,878	21,135	19,652	16,980	17,191	14,774	12,892	8,561	13,244	219,427	219,427
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	30,770	35,160	31,940	0	7,070	0	0	0	31,630	1,230	0	51,100	26,110	184,240	215,010
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	391,991	473,975	587,790	656,107	489,588	558,910	620,711	565,024	663,576	560,727	535,883	609,599	533,000	6,854,890	7,246,881
Total District Sources	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	1,219,086	1,008,282	15,172,369	16,070,661
C.L.A.W.A.															
Crest Forest 6"	255,882	244,251	44,118	231,016	276,872	383,289	339,037	289,037	279,947	267,513	353,476	323,930	248,930	3,281,416	3,537,298
Mile High Park 2"	0	0	0	0	60,909	0	0	0	0	165,214	193,235	240,201	208,422	867,981	867,981
Mile High Park 4"	160,428	184,492	163,636	193,984	197,460	282,086	248,930	233,422	265,374	16,711	0	0	0	1,786,095	1,946,523
Pinecrest 2"	0	112,981	364,118	393,102	0	0	0	0	0	0	0	0	0	870,201	870,201
Pinecrest 4"	534,626	160,160	0	0	718,316	719,251	880,615	699,465	715,909	445,588	497,460	562,701	371,791	5,771,256	6,305,882
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	363,235	0	0	0	0	0	0	0	363,235	363,235
Camp Seely	0	0	75,267	0	79,144	72,460	35,695	19,385	0	0	41,578	172,193	20,722	516,444	516,444
C.L.A.W.A. Totals	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	1,299,025	849,865	13,456,628	14,407,564
Grand Totals	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	2,518,111	1,858,147	28,628,997	30,478,225

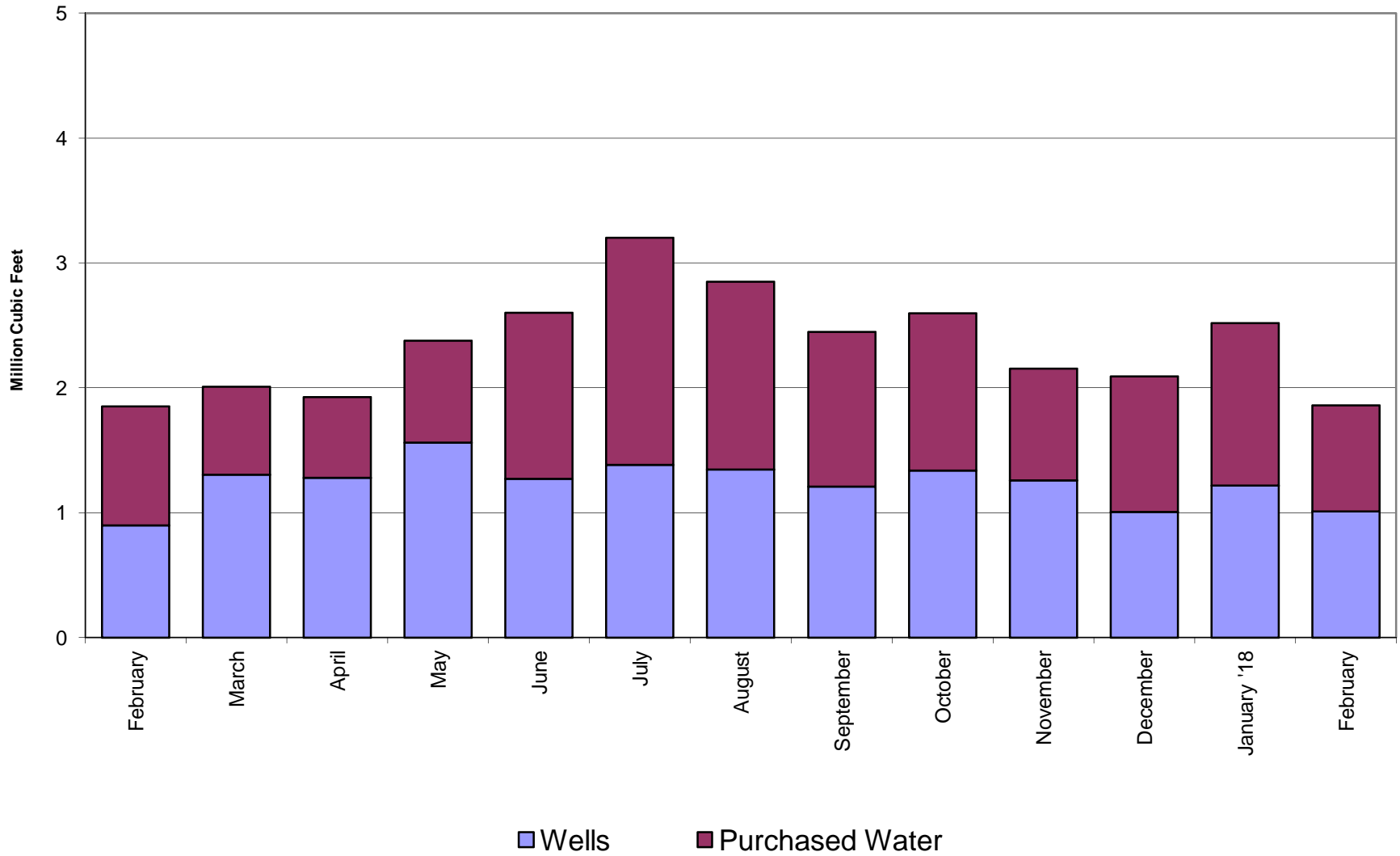
**Crestline Village Water District
Source of Supply Production Report
Cubic Feet
Last 13 Months**

03/15/18

<u>Source Name</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>January '18</u>	<u>February</u>	<u>Last 12 Months</u>	<u>13 Months</u>
District Sources															
Division 10	506,301	831,537	689,750	903,363	779,575	822,299	724,010	642,939	672,740	697,239	469,258	609,487	475,282	8,317,479	8,823,780
Division 20	391,991	473,975	587,790	656,107	489,588	558,910	620,711	565,024	663,576	560,727	535,883	609,599	533,000	6,854,890	7,246,881
Total	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	1,219,086	1,008,282	15,172,369	16,070,661
Division 10	56.36%	63.69%	53.99%	57.93%	61.42%	59.53%	53.84%	53.23%	50.34%	55.43%	46.69%	50.00%	47.14%	54.82%	54.91%
Division 20	43.64%	36.31%	46.01%	42.07%	38.58%	40.47%	46.16%	46.77%	49.66%	44.57%	53.31%	50.00%	52.86%	45.18%	45.09%
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	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	1,219,086	1,008,282	15,172,369	16,070,661
C.L.A.W.A.	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	1,299,025	849,865	13,456,628	14,407,564
Total Sources	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	2,518,111	1,858,147	28,628,997	30,478,225
District Sources	48.58%	65.04%	66.38%	65.59%	48.78%	43.14%	47.20%	49.32%	51.45%	58.43%	48.07%	48.41%	54.26%	53.00%	52.73%
C.L.A.W.A.	51.42%	34.96%	33.62%	34.41%	51.22%	56.86%	52.80%	50.68%	48.55%	41.57%	51.93%	51.59%	45.74%	47.00%	47.27%
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%

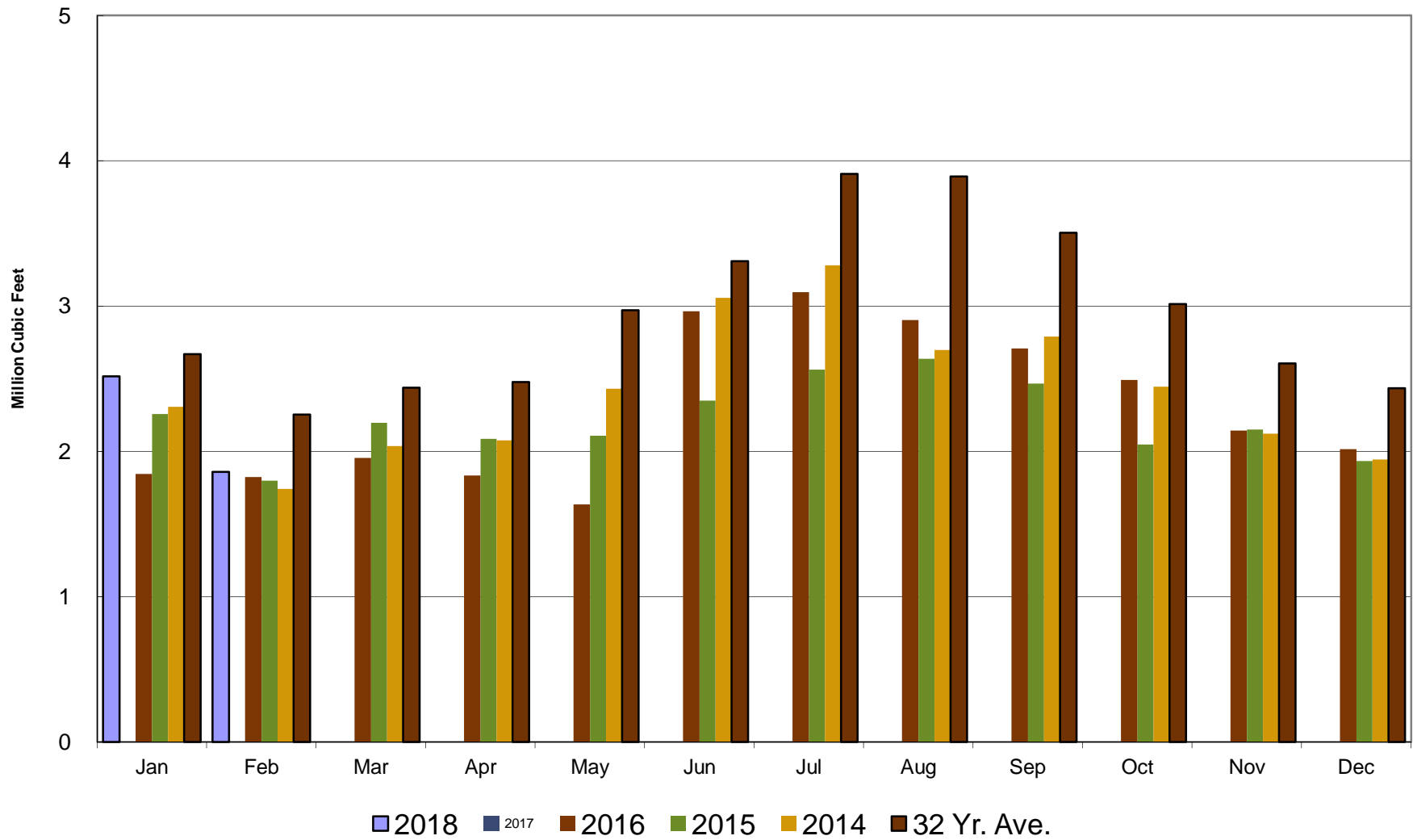
Crestline Village Water District

Water Sources - Last 13 Months



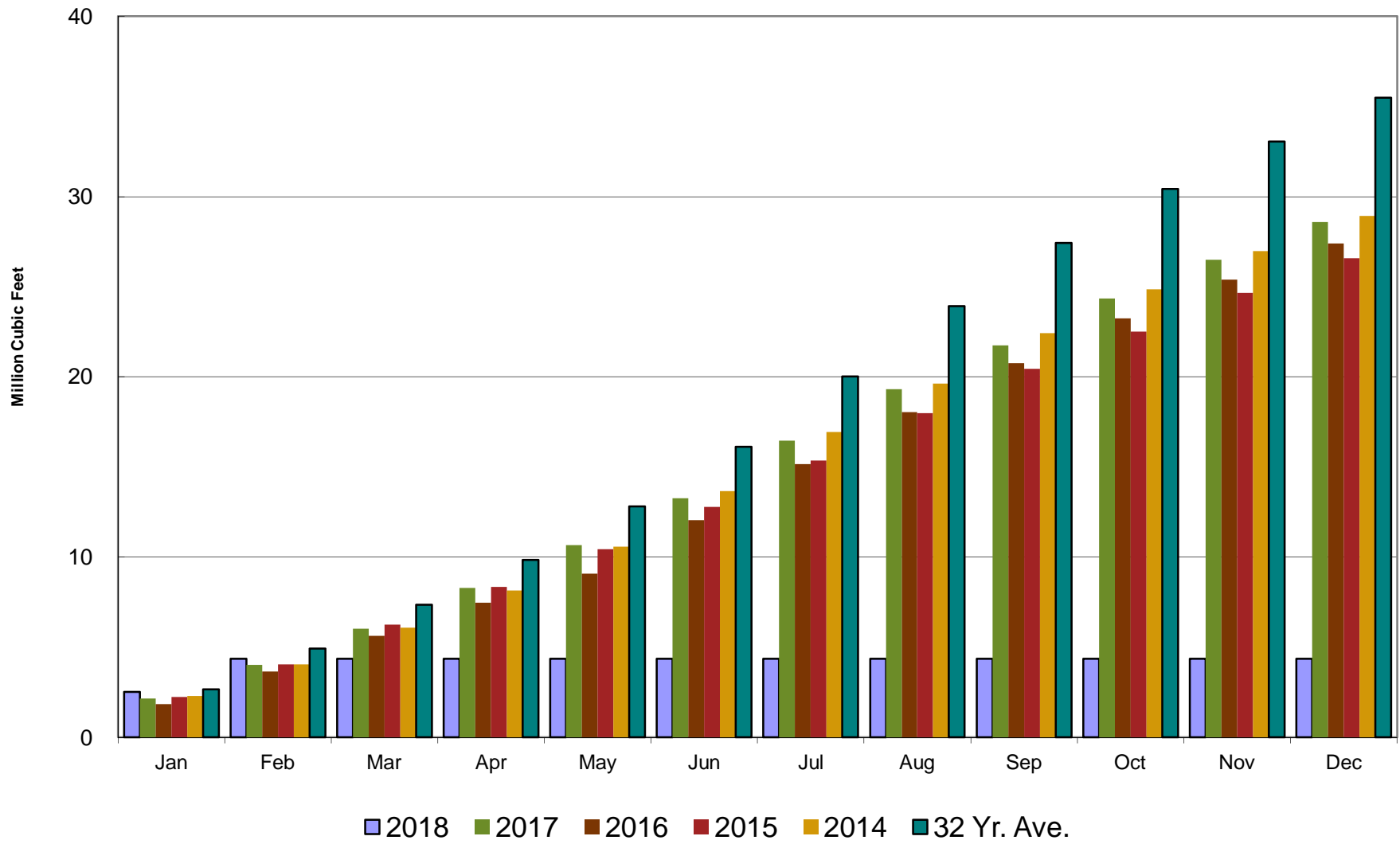
Crestline Village Water District

Total Production by Month



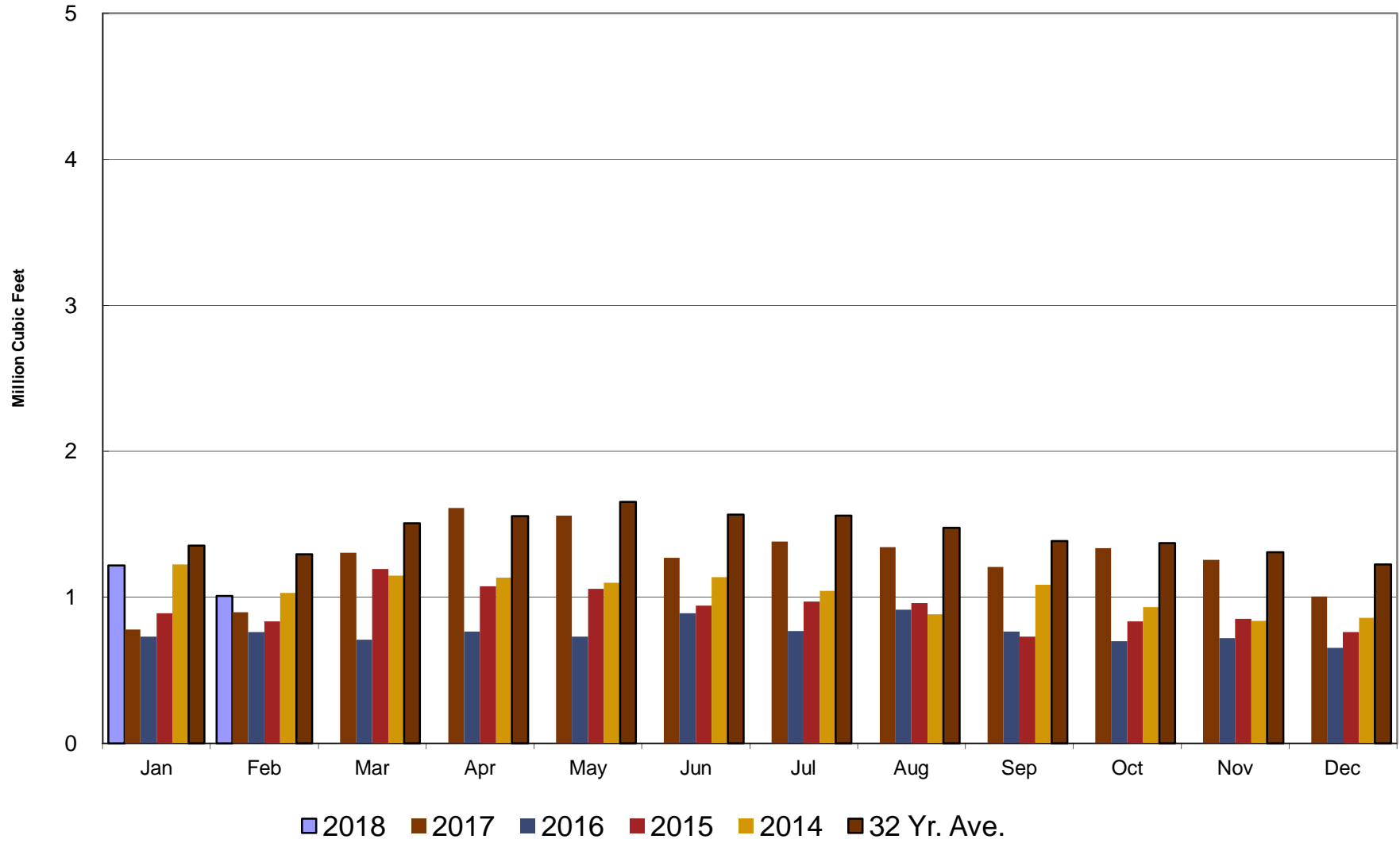
Crestline Village Water District

Total Production Cumulative



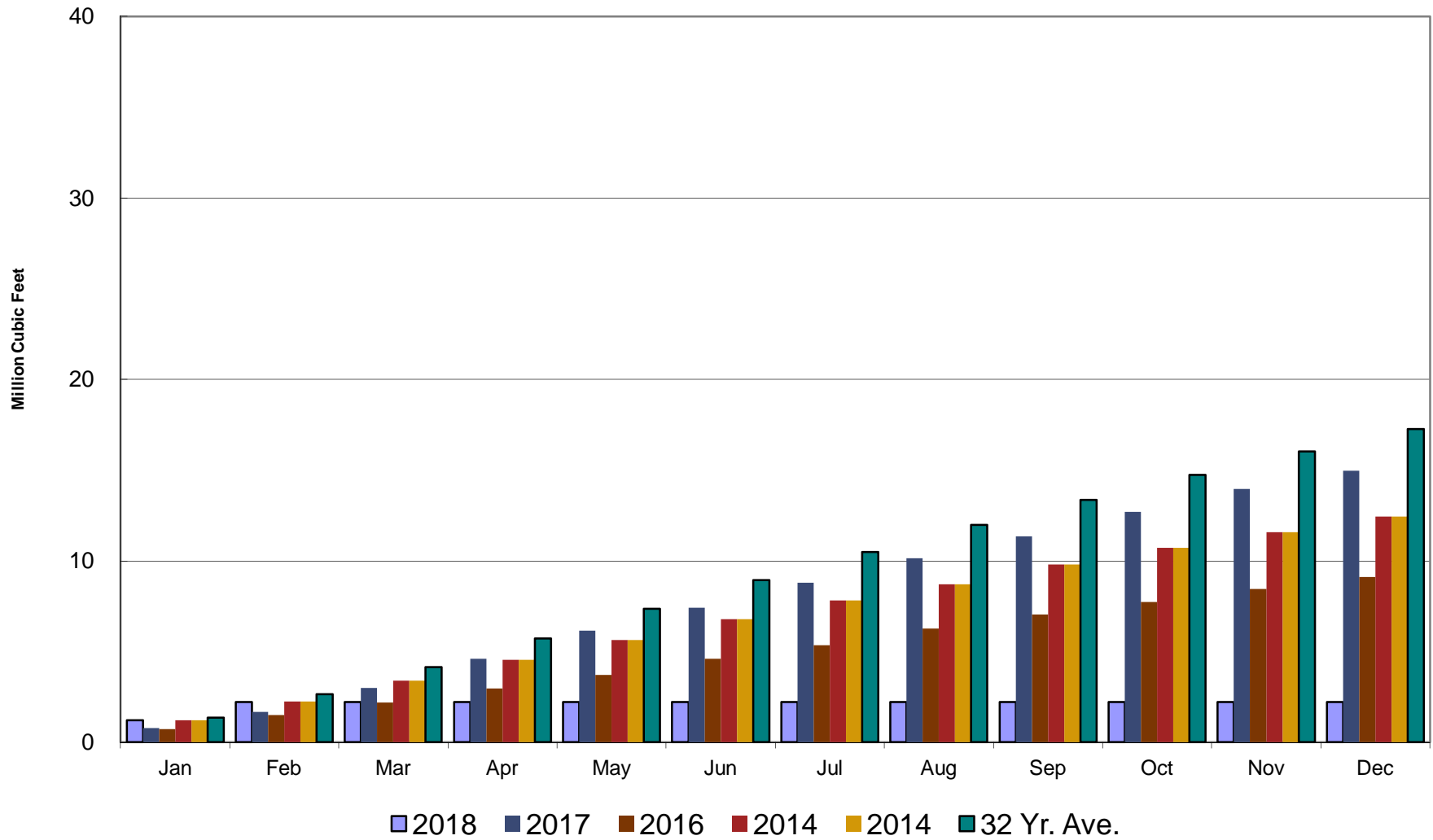
Crestline Village Water District

Well Production by Month



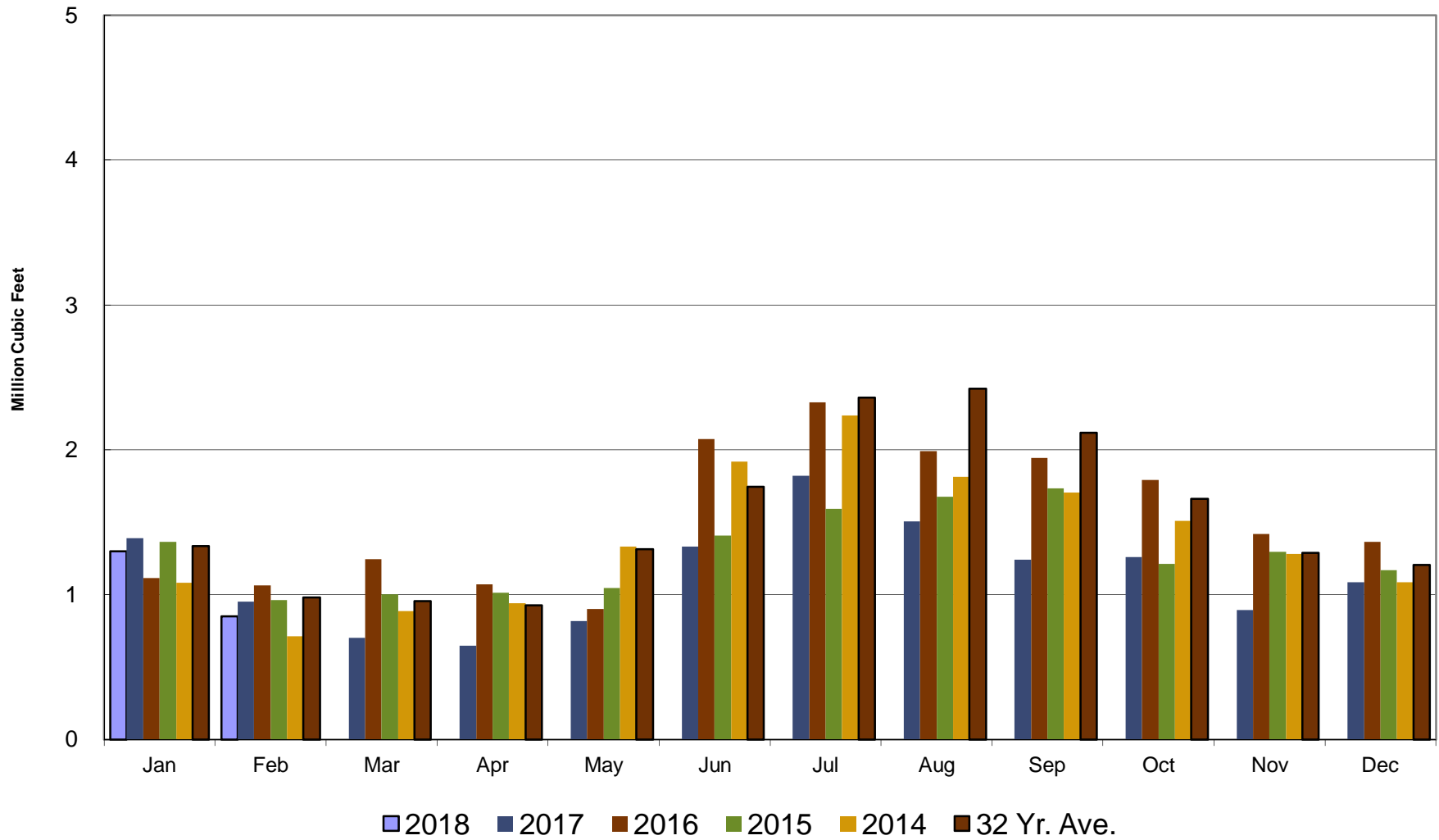
Crestline Village Water District

Well Production Cumulative



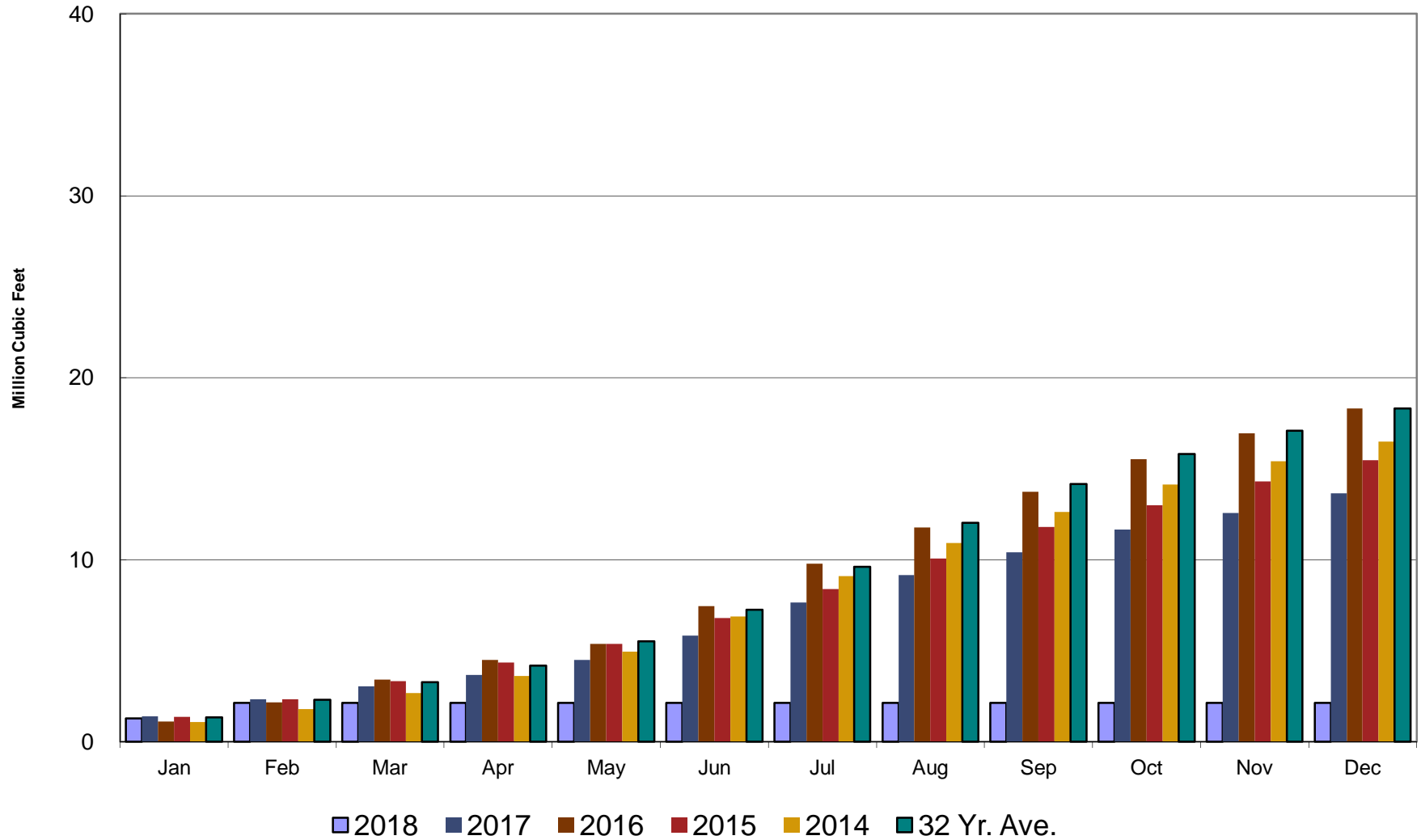
Crestline Village Water District

Purchased Water by Month



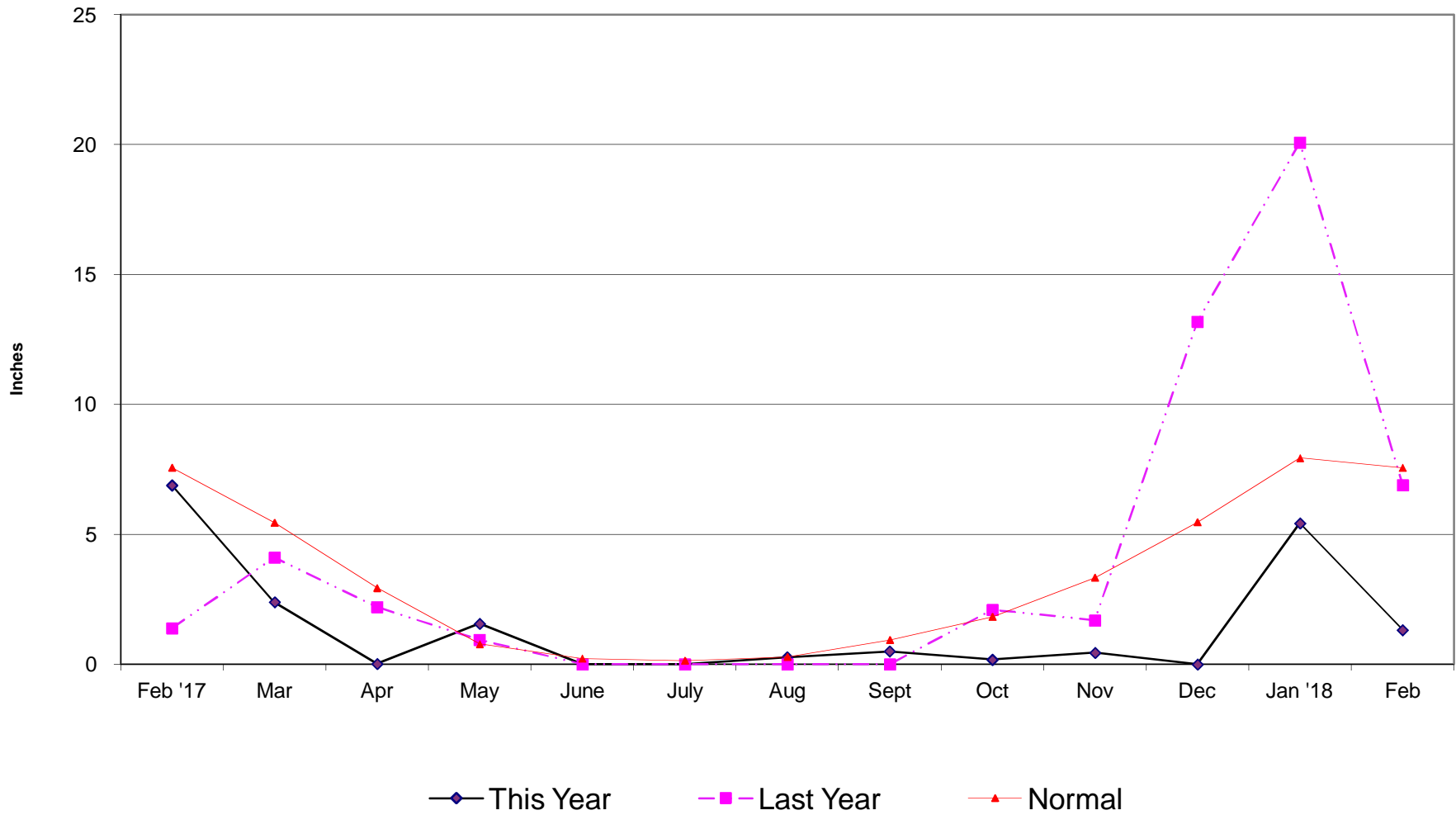
Crestline Village Water District

Purchased Water Cumulative



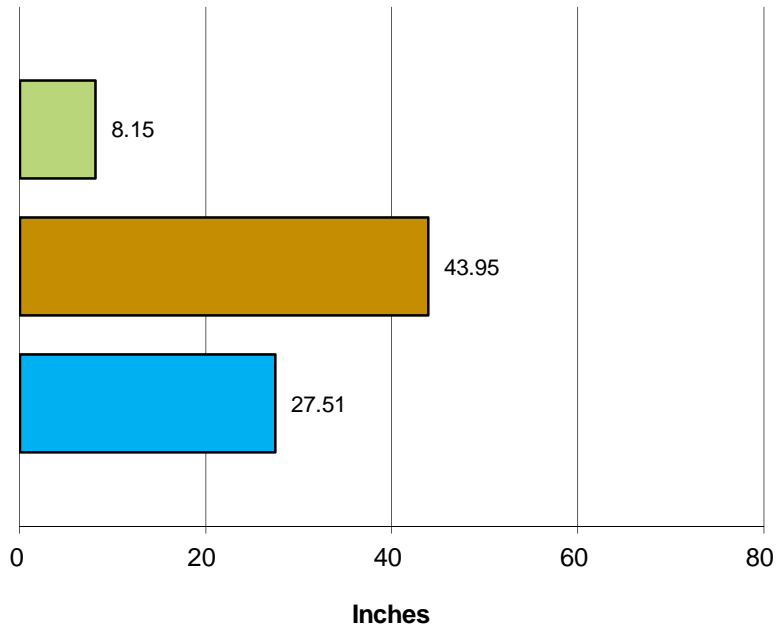
Crestline Village Water District

Rainfall - Last 13 Months



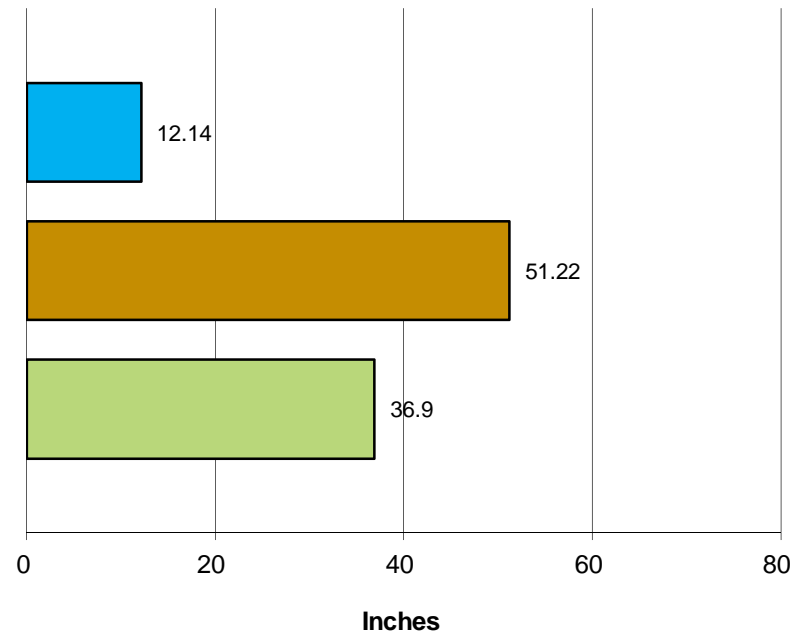
Crestline Village Water District

Total Rainfall July 1, 2017 to Beginning of Current Month



■ This Year ■ Last Year ■ Normal

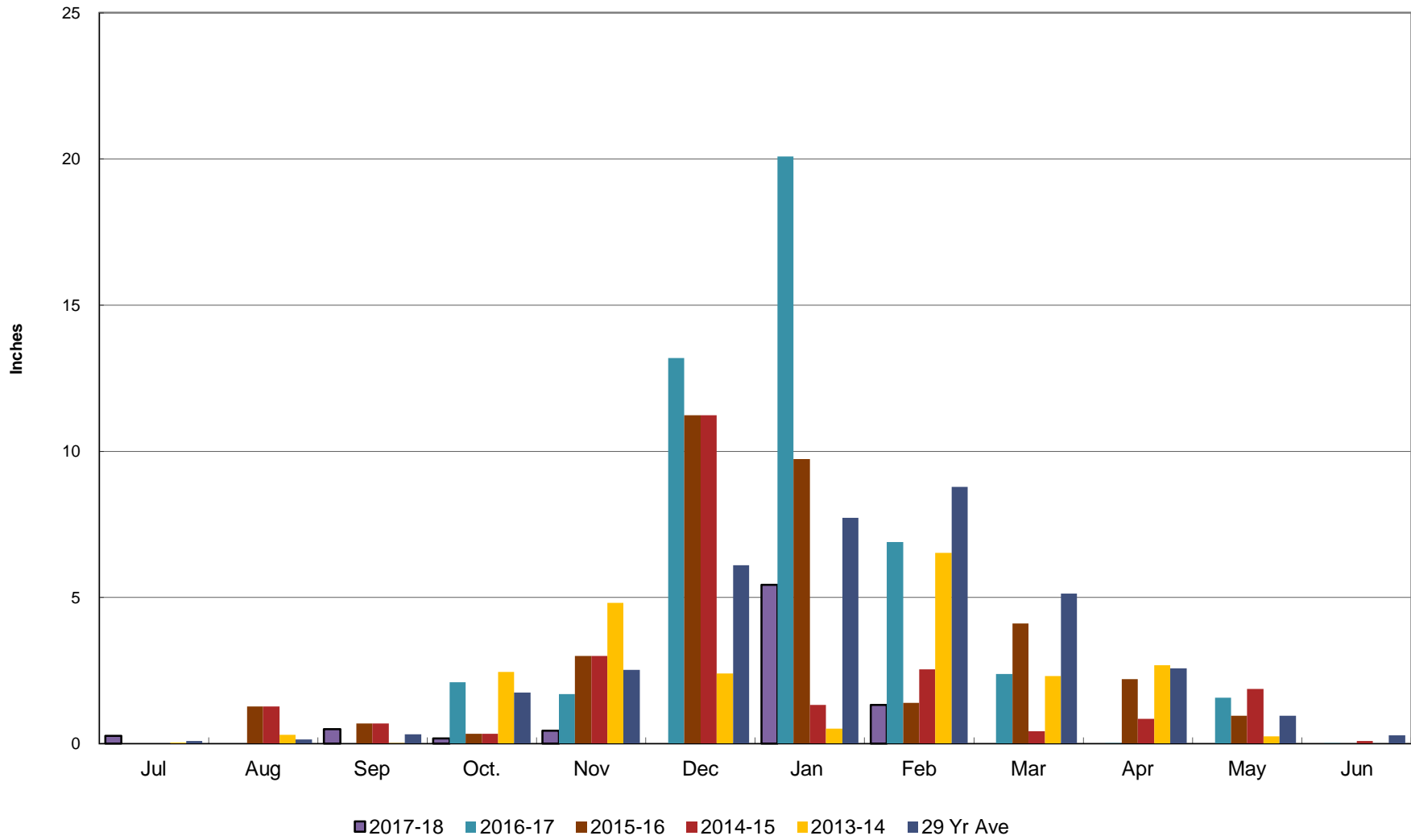
Total Rainfall Last 12 Months



■ This Year ■ Last Year ■ Normal

Crestline Village Water District

Rainfall by Month



Crestline Village Water District

Rainfall Cumulative

