

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

05/14/18

	Apr	May	June	July	August	Sept	Oct	Nov	Dec	Jan '18	Feb	Mar	Apr	Total
Sources of Supply														
Wells	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	1,133,325	1,194,244	16,194,426
Purchased Water	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	809,024	1,007,165	14,570,933
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Supplied	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	1,942,349	2,201,409	30,765,359
Water Used **														
Metered Accounts														
Crestline Area	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	900,619	1,001,987	13,463,558
Lake Gregory Area	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	945,137	986,484	14,496,587
Change in Storage	(1,349)	(54,056)	45,388	8,687	6,512	22,568	(9,963)	(38,767)	(5,501)	41,851	(17,478)	10,922	(22,949)	(14,135)
Flushing, System & Other	44,940	23,491	28,518	32,150	22,186	19,048	30,677	27,358	16,297	14,940	14,439	14,439	32,203	320,687
Accounted for Water	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	1,871,117	1,997,725	28,266,697
System Loss (CF)	119,295	186,579	212,050	384,501	163,294	254,060	152,266	145,112	261,259	263,376	81,955	71,232	203,684	2,498,662
System Loss (%)	6.2%	7.8%	8.1%	12.0%	5.7%	10.4%	5.9%	6.7%	12.5%	10.5%	4.4%	3.7%	9.3%	8.1%
System Loss (GPM)	22.1	29.4	36.7	64.4	27.4	45.5	24.7	25.1	48.5	40.2	15.2	12.3	34.1	35.6
Month to Month Averaging ***														
System Loss (CF)	59,647	152,937	199,315	298,276	273,897	208,677	203,163	148,689	203,186	262,318	172,666	76,594	137,458	2,396,823
System Loss (%)	3.1%	7.0%	8.0%	10.1%	8.9%	8.1%	8.1%	6.3%	9.6%	11.5%	7.4%	4.0%	6.5%	7.8%
System Loss (GPM)	11.1	25.7	33.0	50.6	45.9	36.4	35.1	24.9	36.8	44.4	27.7	13.8	23.2	34.1
Estimated Uses														
Known leaks - Est. loss	144	0	2,743	2,259	13,947	3,294	2,984	1,097	6,288	28,570	0	144	1,444	62,914
Total Estimated Uses	144	0	2,743	2,259	13,947	3,294	2,984	1,097	6,288	28,570	0	144	1,444	62,914
Unaccounted for Water (CF)	119,151	186,579	209,307	382,242	149,347	250,765	149,282	144,015	254,971	234,806	81,955	71,088	202,240	2,435,748
Unaccounted For (%)	6.2%	7.9%	8.0%	11.9%	5.2%	10.2%	5.8%	6.7%	12.2%	9.3%	4.4%	3.7%	9.2%	7.9%
Unaccounted For (GPM)	22.1	29.4	36.2	64.0	25.0	44.9	24.2	24.9	47.3	35.9	15.2	12.3	33.9	34.7
Number of Days in Period	28	33	30	31	31	29	32	30	28	34	28	30	31	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

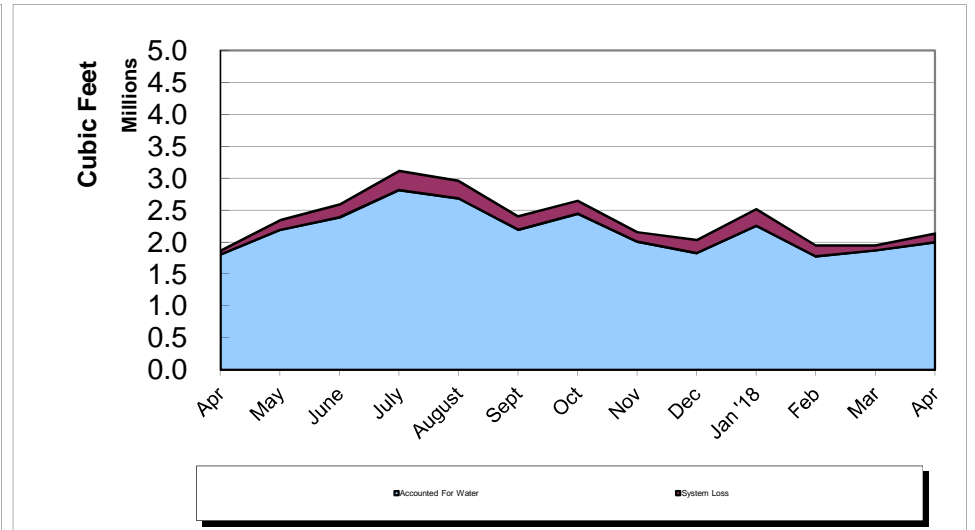
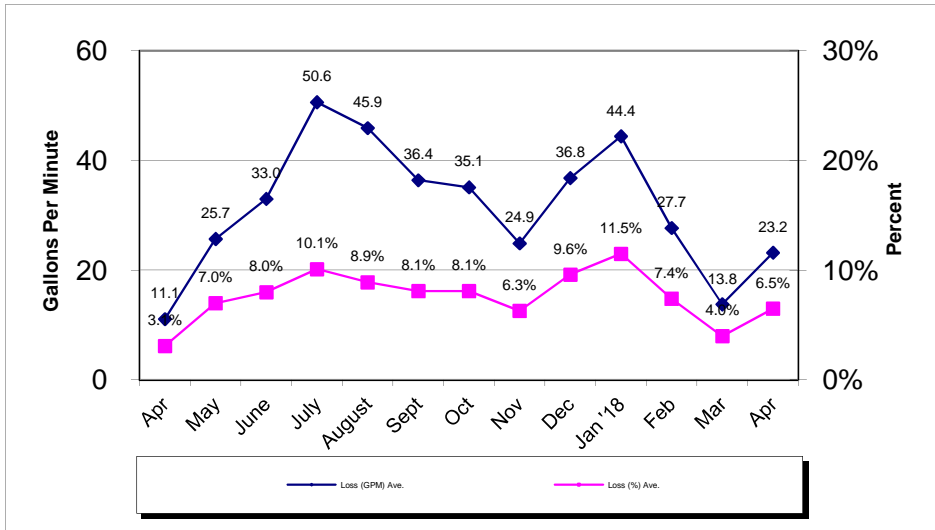
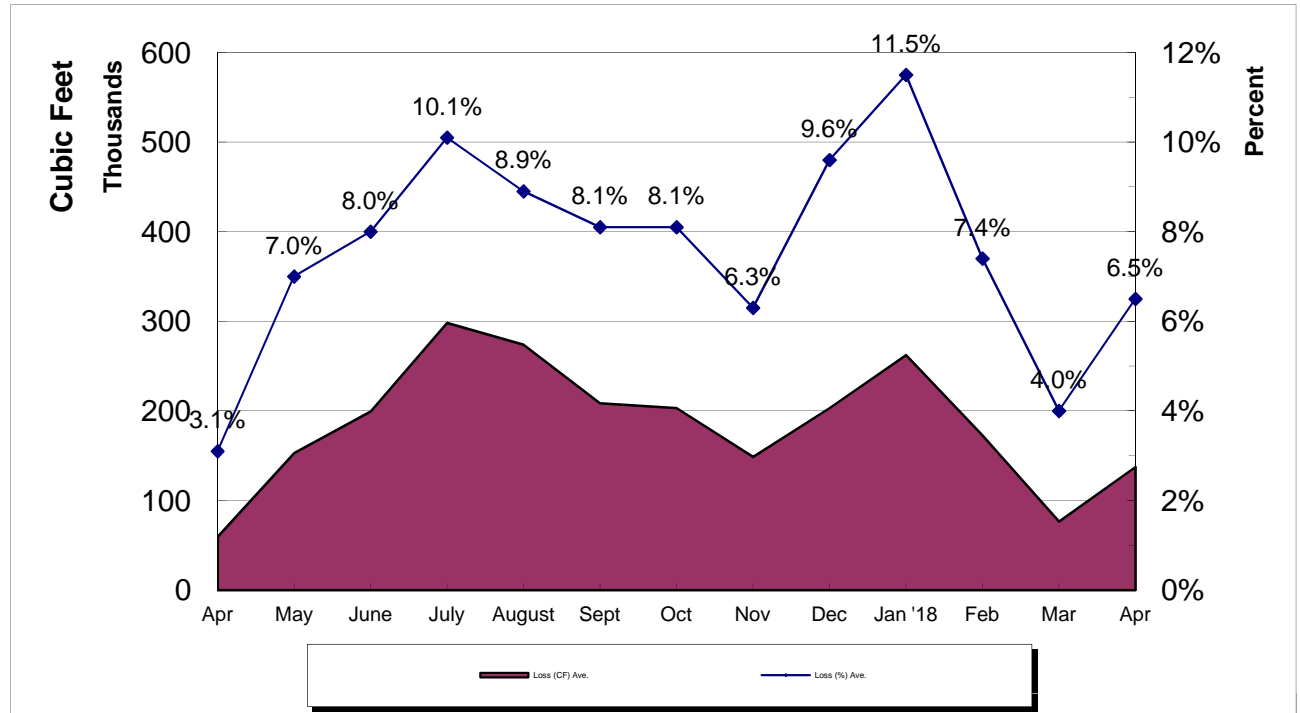
*** - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$3,629	\$4,867
Cost of 5% System Loss:	2,906	3,124
Amount above (below) 5% System Loss	\$723	\$1,743
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: 04/30/18

For Month of: April 2018

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,752	19.09	319,796	82.99%
Saxon	337,674	14,681	16.66	244,585	72.43%
Pinecrest I & II	2,063,492	54,302	29.69	1,612,226	78.13%
Zurich	380,500	18,789	20.17	378,974	99.60%
Lakeview	1,230,212	27,955	35.50	992,403	80.67%
Old Mill	705,900	27,151	22.87	620,943	87.96%
Barn	444,443	19,752	17.76	350,796	78.93%
Wilson	983,681	33,915	22.07	748,504	76.09%
Chillon	337,674	14,679	16.56	243,084	71.99%
Brookside	748,067	28,772	21.28	612,268	81.85%
Chamois	1,026,532	39,482	21.24	838,598	81.69%
Total	8,643,529		242.89	6,962,177	80.55%

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	68,033	On
Pioneer-2	39,043	On
Pioneer-1	37,852	On
Old Mill Springs	37,780	On
Maple Springs	11,737	On
Willow Springs	22,210	On
Brookside Springs	23,820	On
Hillside Springs	7,170	On
Pinecrest 1 & 2	54,780	On
Pinecrest Vertical	75,390	On
Cypress Vertical	92,830	On
Anderson Vertical	108,986	On
Wilson Springs 1 & 2	89,411	On
Wilson Vertical	135,195	On
Felsen Vertical	157,093	On
Horst	54,590	On
Jewel 64	68,034	On
Cathcart	27,203	On
Bergschrund	11,667	On
Chamois	0	Off
Chamois Vertical	71,420	On
	0	0
	0	0
	0	0
Lewter	0	Off
Total	1,194,244	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	61	70	(9)	-12.86%	290,775
Mile High 2"	30	30	0	0.00%	173,182
Mile High 4"	0	0	0	0.00%	0
Pinecrest 2"	92	90	2	2.22%	172,660
Pinecrest 4"	0	0	0	0.00%	334,759
Lake Drive 2"	5	30	(25)	-83.33%	7,313
Lake Drive 4"	0	0	0	0.00%	0
Camp Seely	0	0	0	0.00%	28,476
Total	183	190	(7)	-3.68%	1,007,165

April Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	175.3	1,046,175		186.3	1,111,823
Actual M-T-D:	168.8	1,007,165		200.1	1,194,244
Over/(Under) Last Year:	(6.5)	(39,010.0)		13.8	82,421.0

Total	GPM	Cubic Feet
Last Year M-T-D:	361.6	2,157,998
Actual M-T-D:	368.9	2,201,409
Over/(Under) Last Year:	7.3	43,411.0

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

05/11/18

Source Name	April	May	June	July	August	September	October	November	December	January '18	February	March	April	Last 12 Months	13 Months
Division 10															
Altdorf	5,952	76,194	65,866	65,173	63,462	58,548	64,125	59,842	57,133	66,940	55,498	68,202	68,033	769,016	774,968
Pioneer #2	24,155	43,679	39,591	41,656	39,862	37,980	41,789	39,038	37,136	41,976	35,025	37,677	39,043	474,452	498,607
Pioneer #1	25,153	40,904	34,831	35,094	34,241	31,175	33,665	31,063	29,345	35,124	27,165	48,211	37,852	418,670	443,823
Old Mill Springs	64,070	57,190	45,990	48,920	41,550	34,420	33,240	28,580	26,100	27,680	21,360	31,900	37,780	434,710	498,780
Maple Springs	16,328	27,498	18,512	20,779	16,253	15,072	16,204	14,593	13,754	15,337	11,656	19,982	11,737	201,377	217,705
Willow Springs	54,070	51,180	39,370	35,200	31,420	27,650	27,700	25,290	22,750	22,180	18,170	13,270	22,210	336,390	390,460
Brookside Springs	36,710	40,440	33,050	31,880	0	0	0	0	16,520	20,470	11,630	18,300	23,820	196,110	232,820
Hillside Springs	0	0	0	48,050	22,820	13,770	12,440	9,940	8,670	8,740	6,800	6,930	7,170	145,330	145,330
Pinecrest	84,140	96,940	85,260	79,240	75,840	64,630	66,380	57,470	51,730	54,920	43,190	46,380	54,780	776,760	860,900
Pinecrest Vertical	164,870	205,800	181,510	179,810	168,550	144,300	146,110	218,510	116,940	124,430	98,370	100,240	75,390	1,759,960	1,924,830
Cypress Vertical	83,430	114,440	99,460	98,700	95,120	90,150	100,850	93,320	89,180	98,280	83,530	89,410	92,830	1,145,270	1,228,700
Anderson Vertical	130,872	149,098	136,135	137,797	134,892	125,244	130,237	119,593	0	93,410	62,888	89,363	108,986	1,287,643	1,418,515
Division 10 Totals	689,750	903,363	779,575	822,299	724,010	642,939	672,740	697,239	469,258	609,487	475,282	569,865	579,631	7,945,688	8,635,438
Division 20															
Wilson Springs #1 & 2	120,999	141,445	127,661	124,026	121,480	110,096	116,816	104,114	97,469	106,364	85,552	90,711	89,411	1,315,145	1,436,144
Wilson Vertical	130,227	156,623	145,137	163,704	152,704	135,132	168,690	138,000	136,279	151,244	124,925	131,552	135,195	1,739,185	1,869,412
Felsen Vertical	129,320	153,576	16,740	80,344	158,128	148,289	164,205	153,387	147,778	166,822	140,783	149,595	157,093	1,636,740	1,766,060
Horst	59,343	74,267	70,491	71,732	70,472	63,506	66,349	59,791	53,738	37,819	56,464	53,506	54,590	732,725	792,068
Jewell No. 64	64,753	74,801	74,485	71,987	73,255	68,620	74,329	67,665	66,869	73,851	61,751	67,106	68,034	842,753	907,506
Cathcart	27,489	29,895	26,126	25,982	25,020	22,401	24,366	21,766	20,858	13,838	24,171	26,060	27,203	287,686	315,175
Bergschrund	23,719	25,500	21,878	21,135	19,652	16,980	17,191	14,774	12,892	8,561	13,244	11,020	11,667	194,494	218,213
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	31,940	0	7,070	0	0	0	31,630	1,230	0	51,100	26,110	33,910	71,420	222,470	254,410
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	587,790	656,107	489,588	558,910	620,711	565,024	663,576	560,727	535,883	609,599	533,000	563,460	614,613	6,971,198	7,558,988
Total District Sources	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	1,133,325	1,194,244	14,916,886	16,194,426
C.L.A.W.A.															
Crest Forest 6"	44,118	231,016	276,872	383,289	339,037	289,037	279,947	267,513	353,476	323,930	248,930	270,187	290,775	3,554,009	3,598,127
Mile High Park 2"	0	0	60,909	0	0	0	0	165,214	193,235	240,201	208,422	203,142	173,182	1,244,305	1,244,305
Mile High Park 4"	163,636	193,984	197,460	282,086	248,930	233,422	265,374	16,711	0	0	0	0	0	1,437,967	1,601,603
Pinecrest 2"	364,118	393,102	0	0	0	0	0	0	0	0	0	0	172,660	565,762	929,880
Pinecrest 4"	0	0	718,316	719,251	880,615	699,465	715,909	445,588	497,460	562,701	371,791	316,444	334,759	6,262,299	6,262,299
Lake Drive 2"	0	0	0	0	0	0	0	0	0	0	0	0	7,313	7,313	7,313
Lake Drive 4"	0	0	0	363,235	0	0	0	0	0	0	0	0	0	363,235	363,235
Camp Seely	75,267	0	79,144	72,460	35,695	19,385	0	0	41,578	172,193	20,722	19,251	28,476	488,904	564,171
C.L.A.W.A. Totals	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	809,024	1,007,165	13,923,794	14,570,933
Grand Totals	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	1,942,349	2,201,409	28,840,680	30,765,359

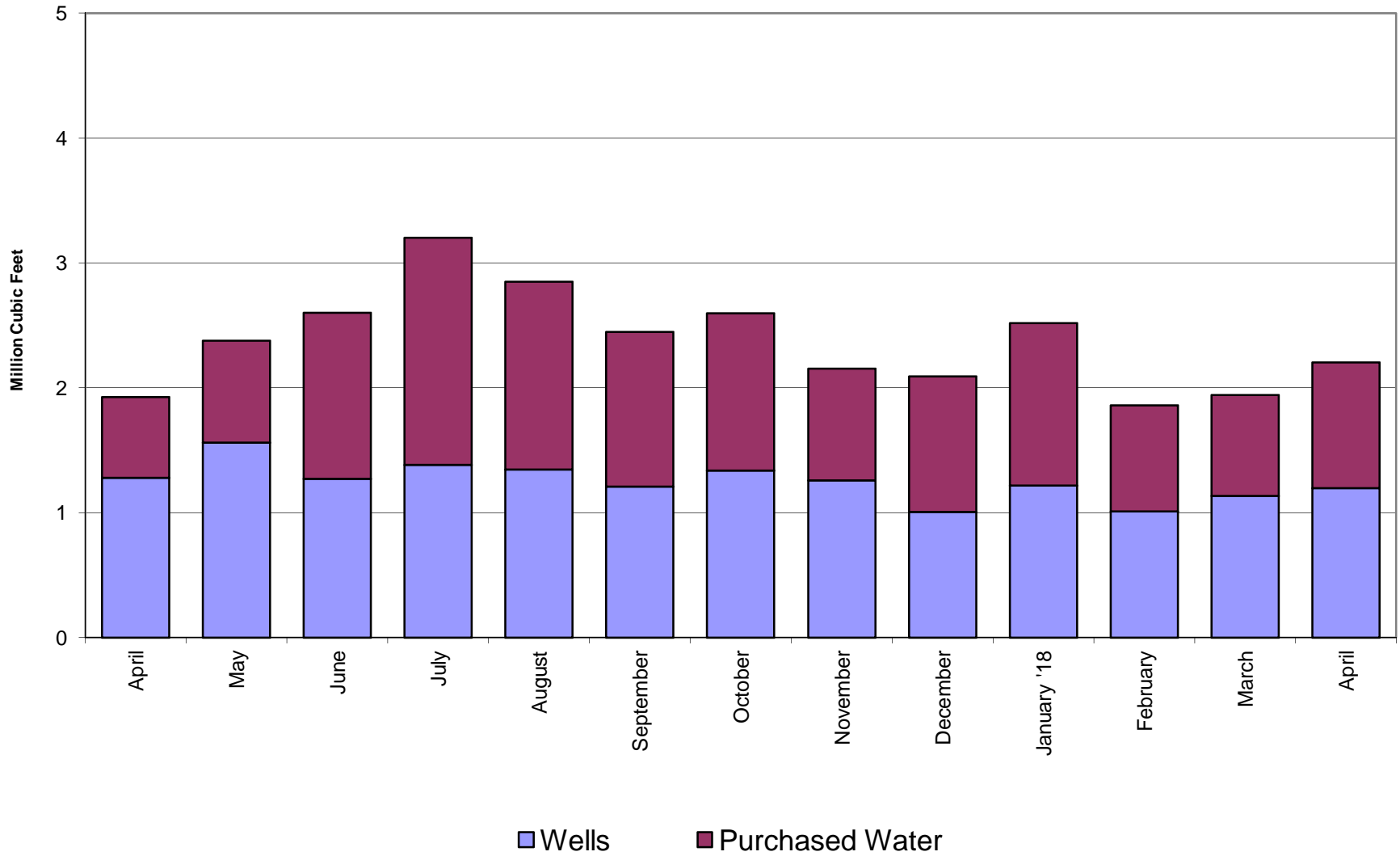
**Crestline Village Water District
Source of Supply Production Report
Cubic Feet
Last 13 Months**

05/11/18

<u>Source Name</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>March</u>	<u>April</u>	<u>Last 12 Months</u>	<u>13 Months</u>
District Sources															
Division 10	689,750	903,363	779,575	822,299	724,010	642,939	672,740	697,239	469,258	609,487	475,282	569,865	579,631	7,945,688	8,635,438
Division 20	587,790	656,107	489,588	558,910	620,711	565,024	663,576	560,727	535,883	609,599	533,000	563,460	614,613	6,971,198	7,558,988
Total	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	1,133,325	1,194,244	14,916,886	16,194,426
Division 10	53.99%	57.93%	61.42%	59.53%	53.84%	53.23%	50.34%	55.43%	46.69%	50.00%	47.14%	50.28%	48.54%	53.27%	53.32%
Division 20	46.01%	42.07%	38.58%	40.47%	46.16%	46.77%	49.66%	44.57%	53.31%	50.00%	52.86%	49.72%	51.46%	46.73%	46.68%
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	1,277,540	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	1,133,325	1,194,244	14,916,886	16,194,426
C.L.A.W.A.	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	809,024	1,007,165	13,923,794	14,570,933
Total Sources	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	1,942,349	2,201,409	28,840,680	30,765,359
District Sources	66.38%	65.59%	48.78%	43.14%	47.20%	49.32%	51.45%	58.43%	48.07%	48.41%	54.26%	58.35%	54.25%	51.72%	52.64%
C.L.A.W.A.	33.62%	34.41%	51.22%	56.86%	52.80%	50.68%	48.55%	41.57%	51.93%	51.59%	45.74%	41.65%	45.75%	48.28%	47.36%
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%

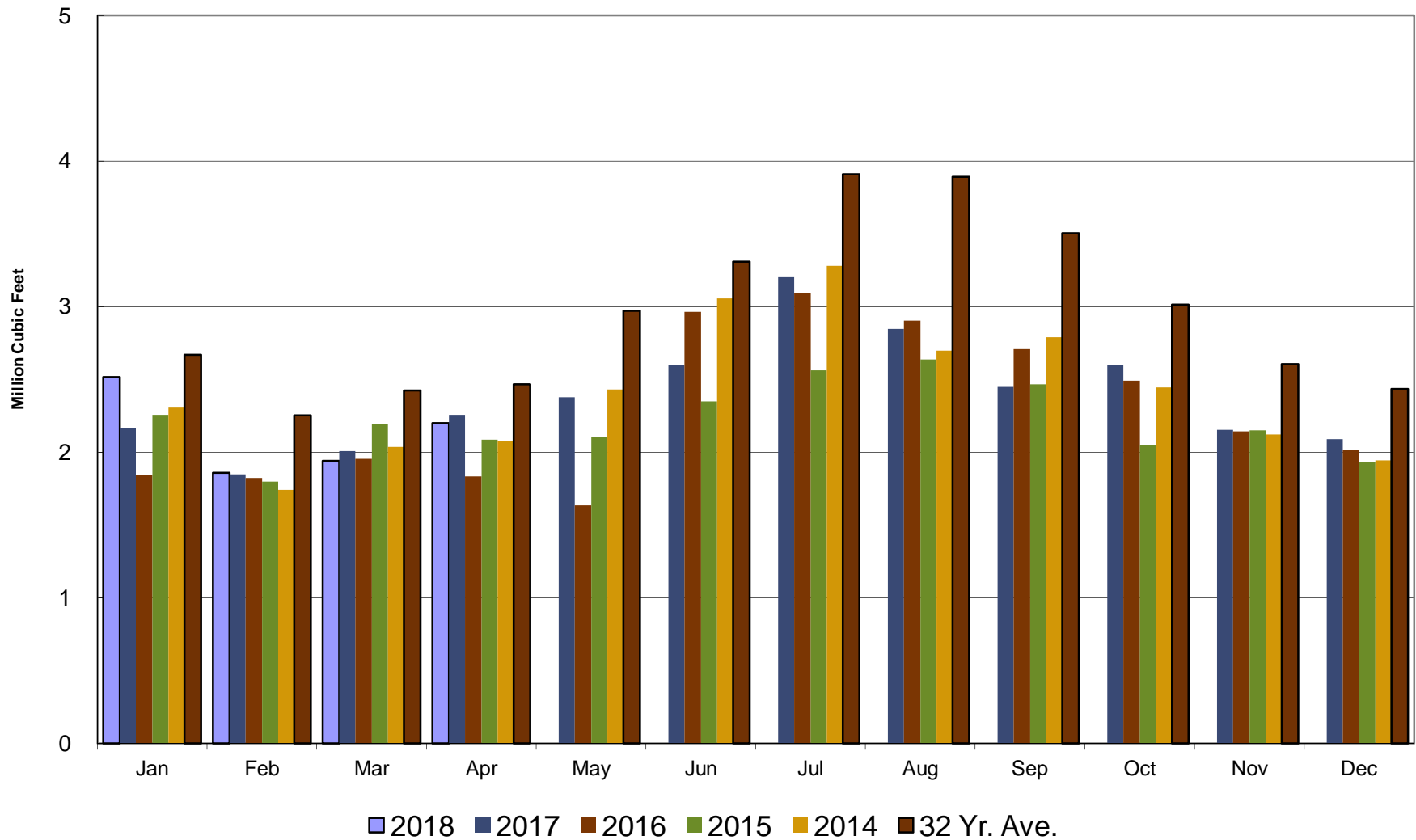
Crestline Village Water District

Water Sources - Last 13 Months



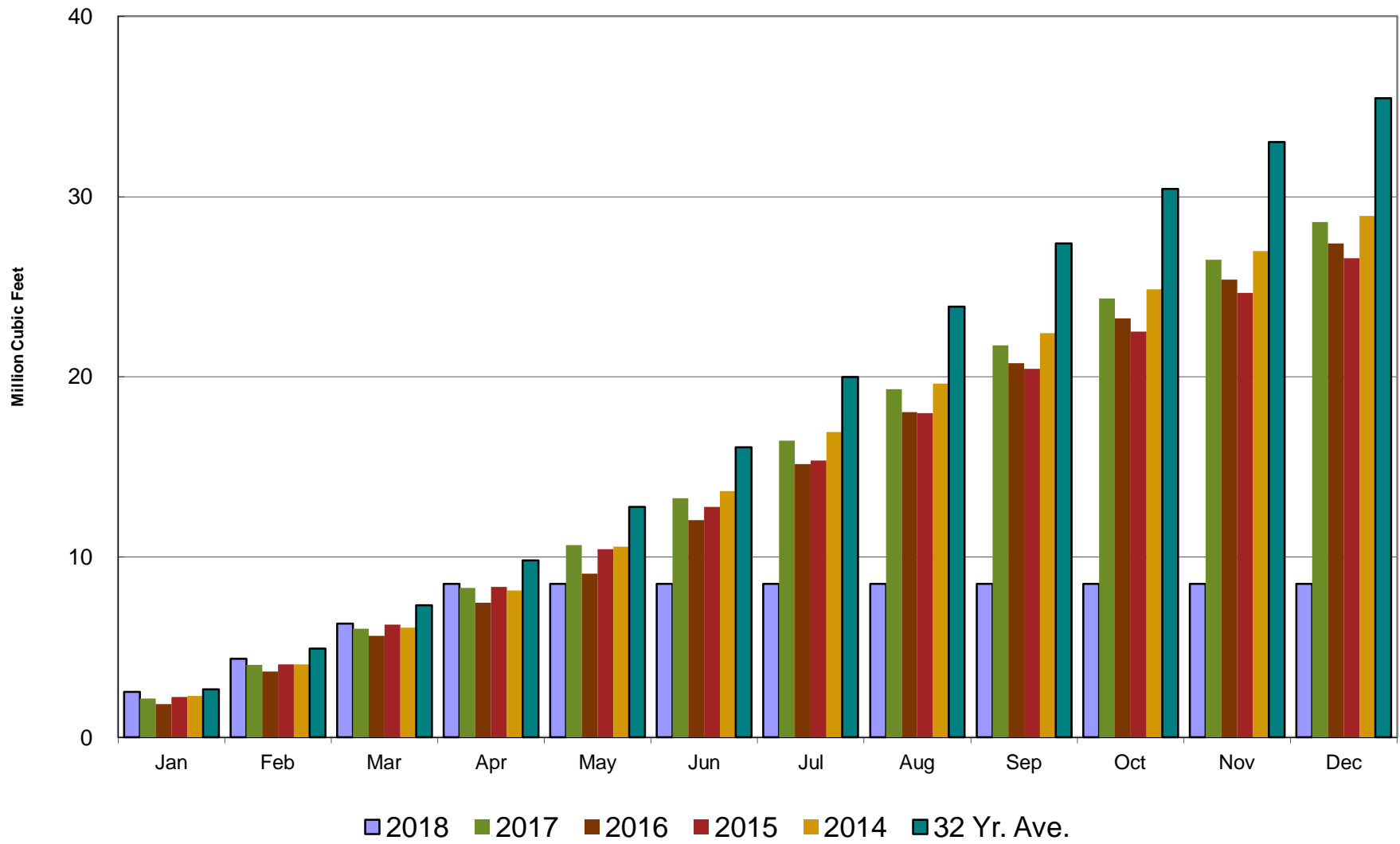
Crestline Village Water District

Total Production by Month



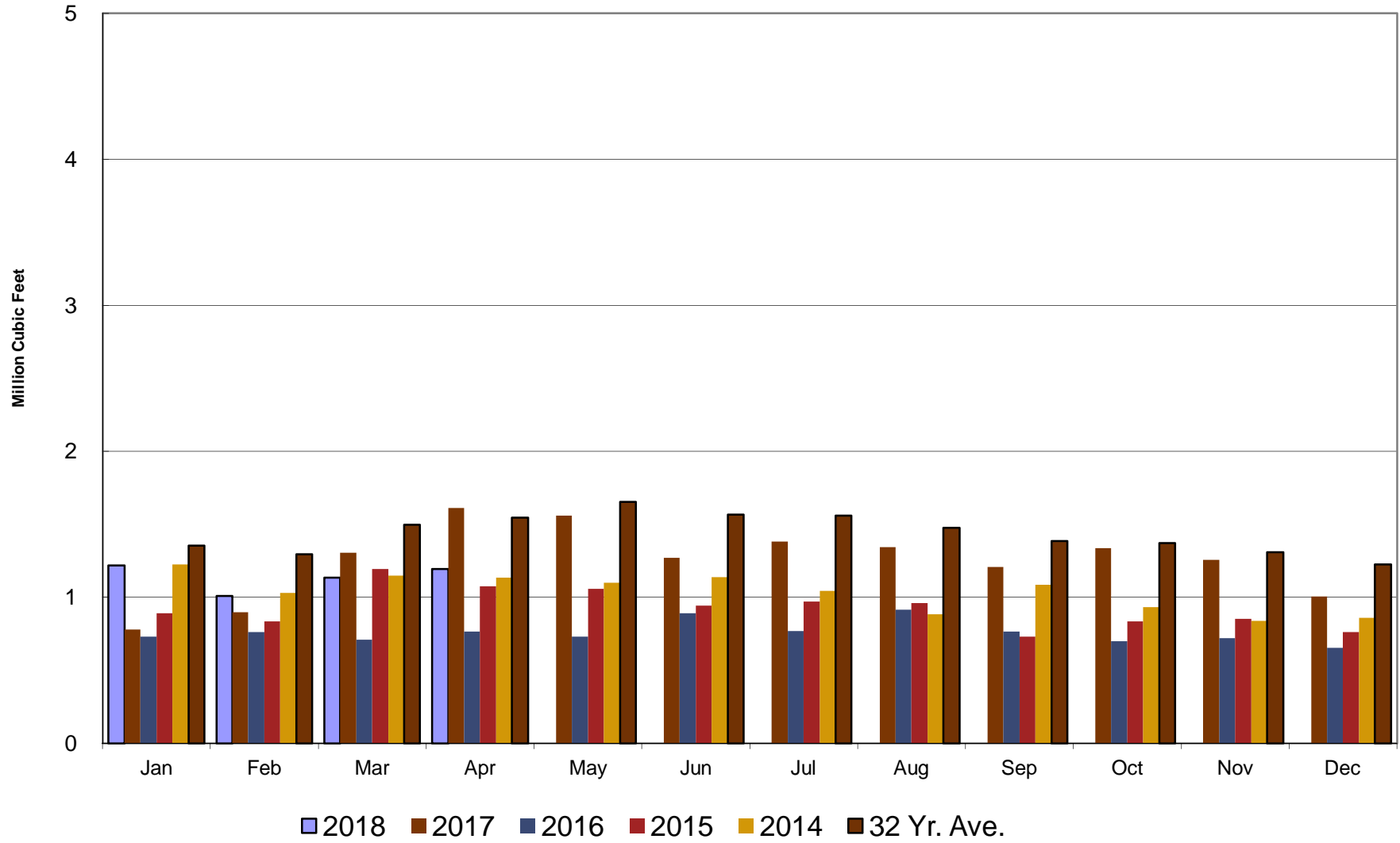
Crestline Village Water District

Total Production Cumulative



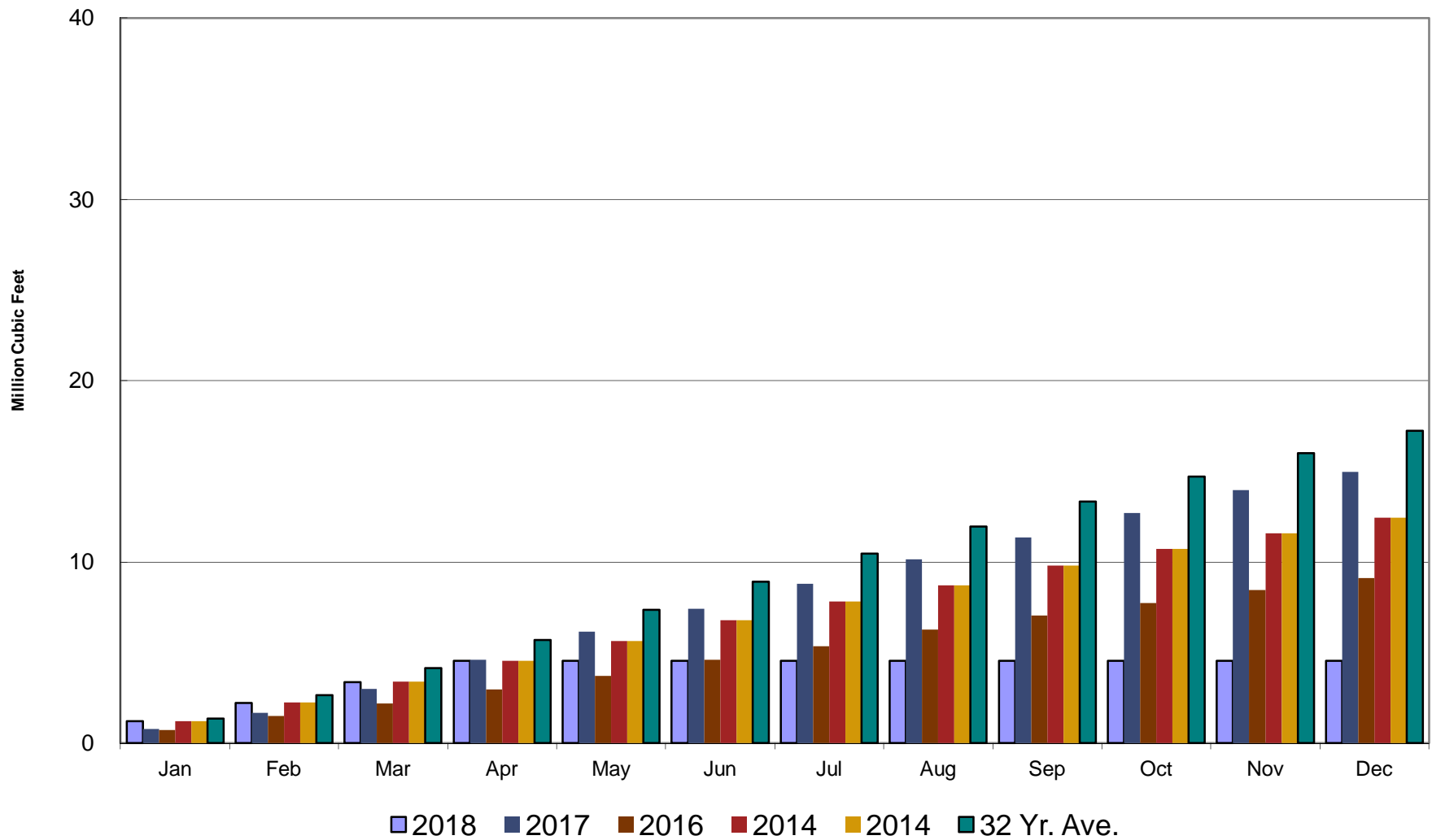
Crestline Village Water District

Well Production by Month



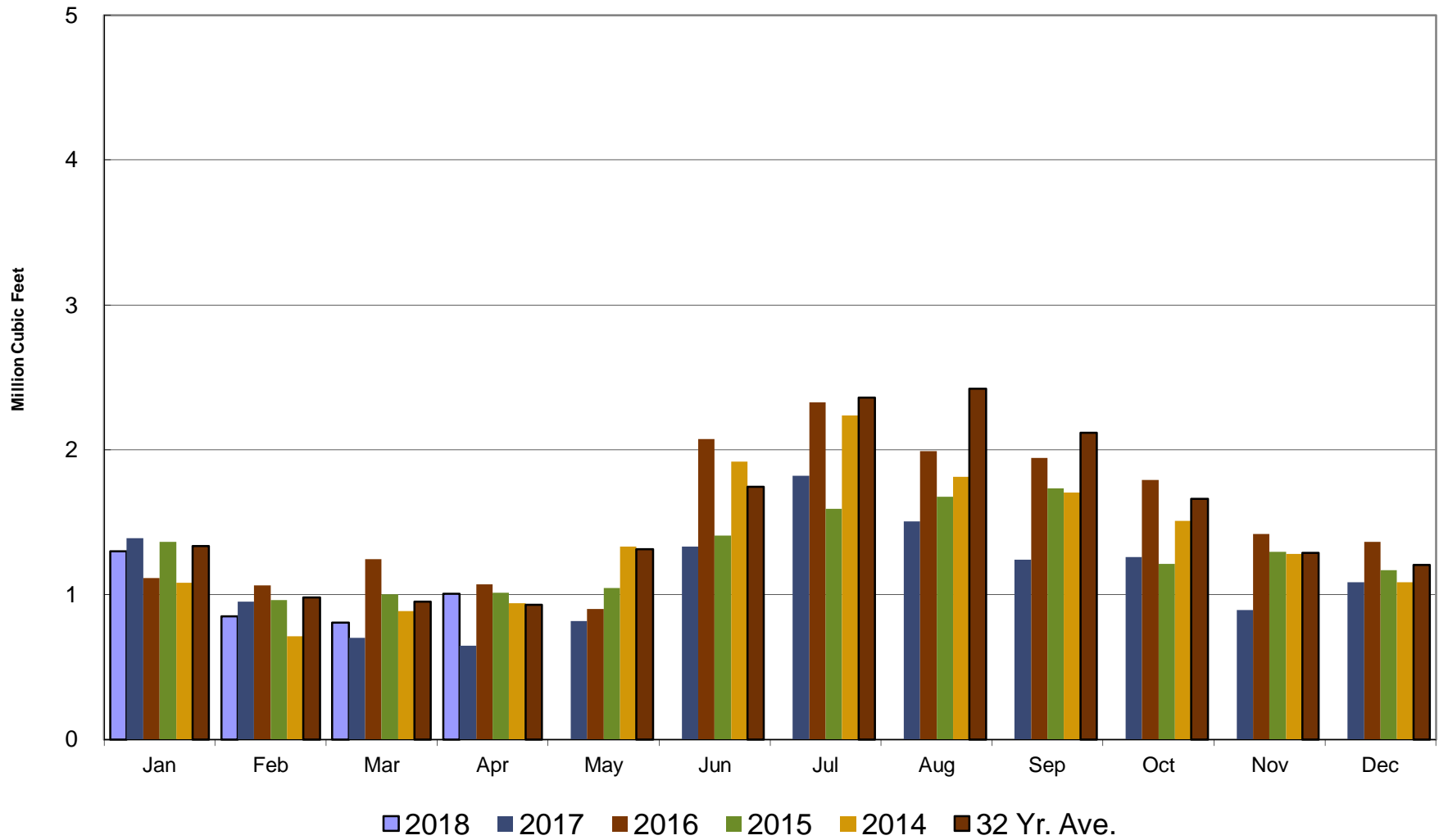
Crestline Village Water District

Well Production Cumulative



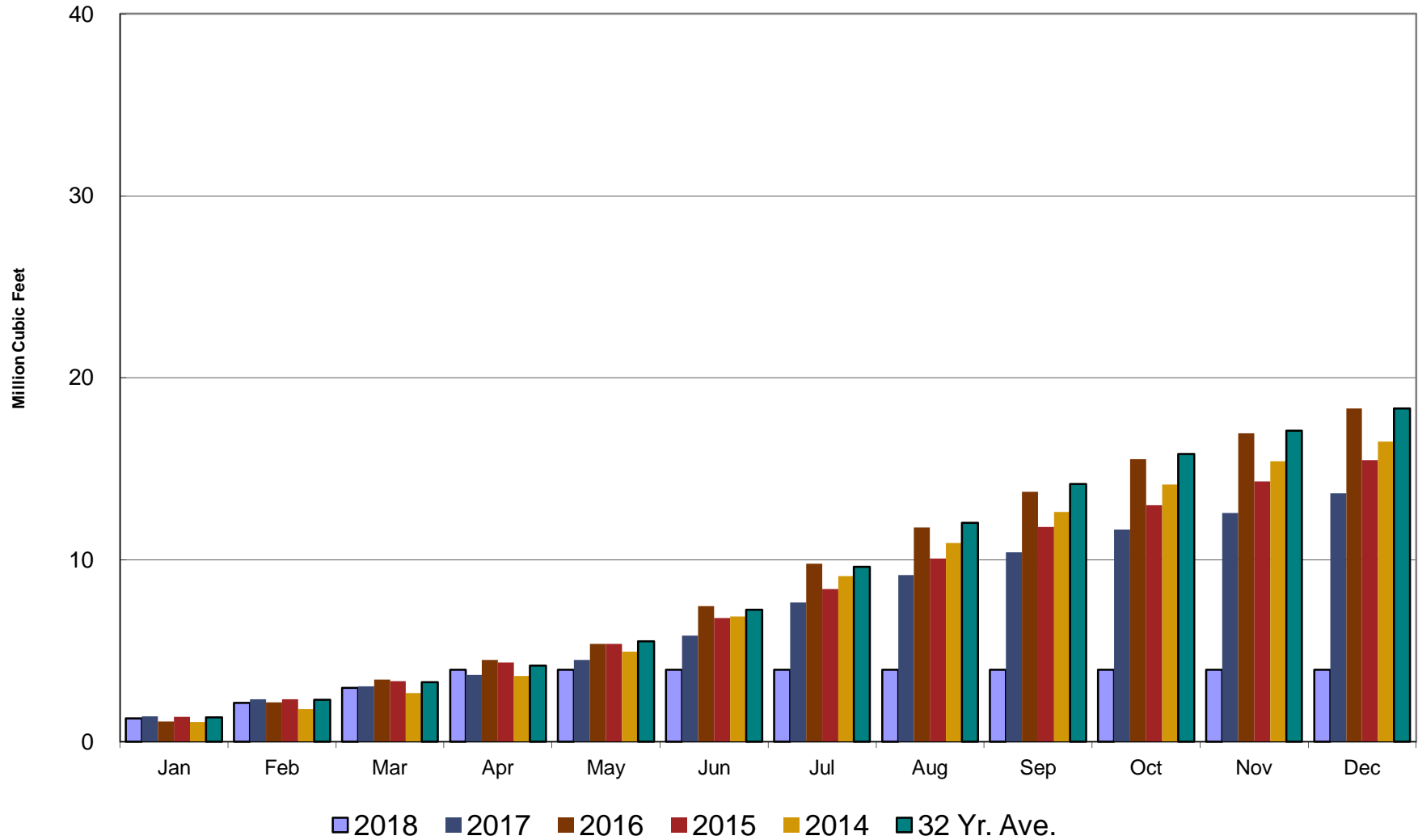
Crestline Village Water District

Purchased Water by Month



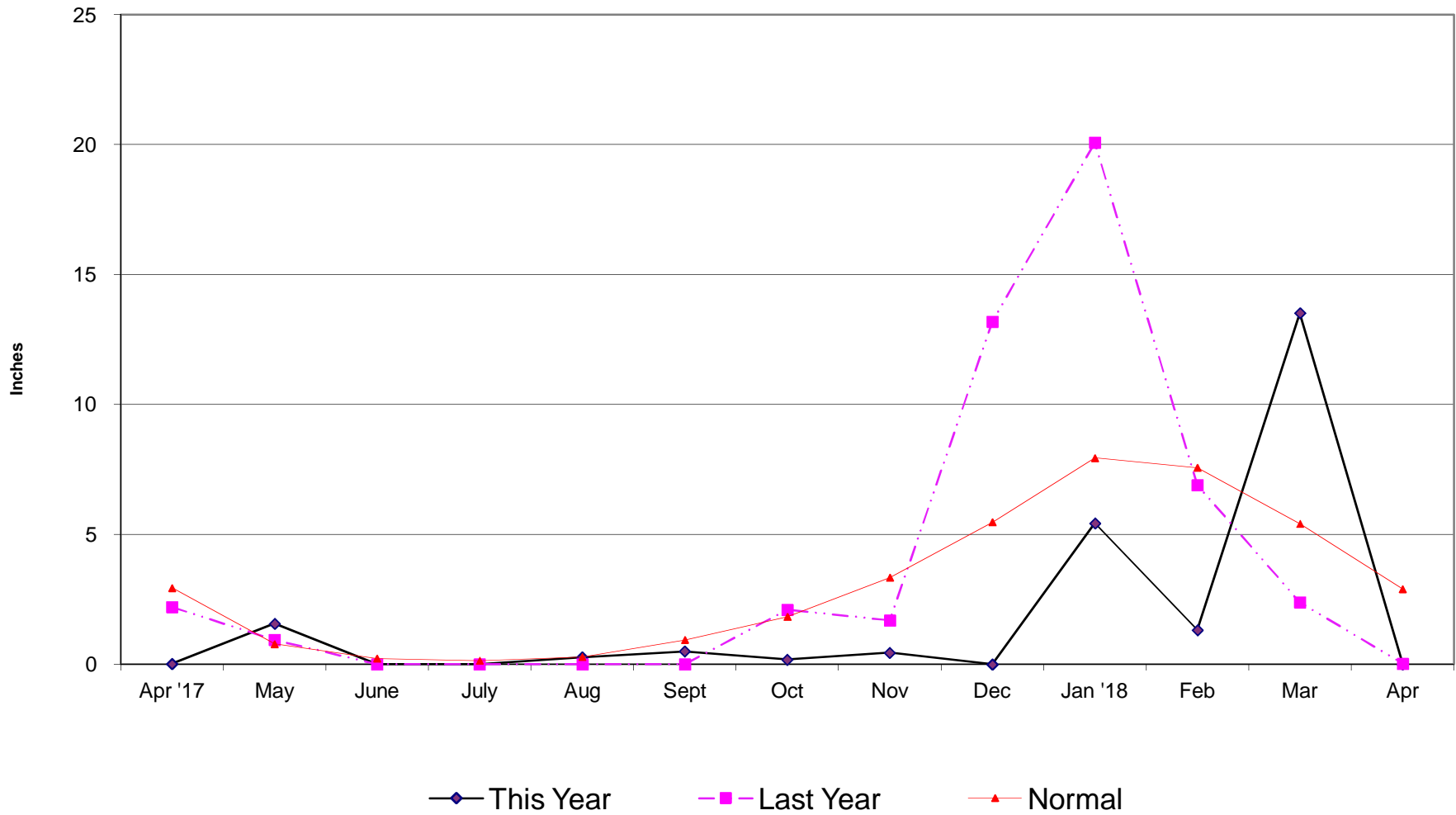
Crestline Village Water District

Purchased Water Cumulative



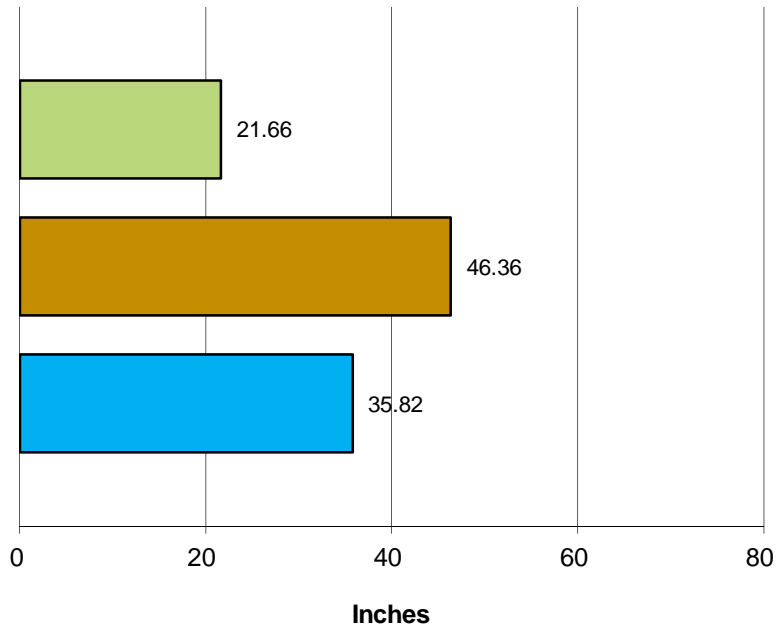
Crestline Village Water District

Rainfall - Last 13 Months



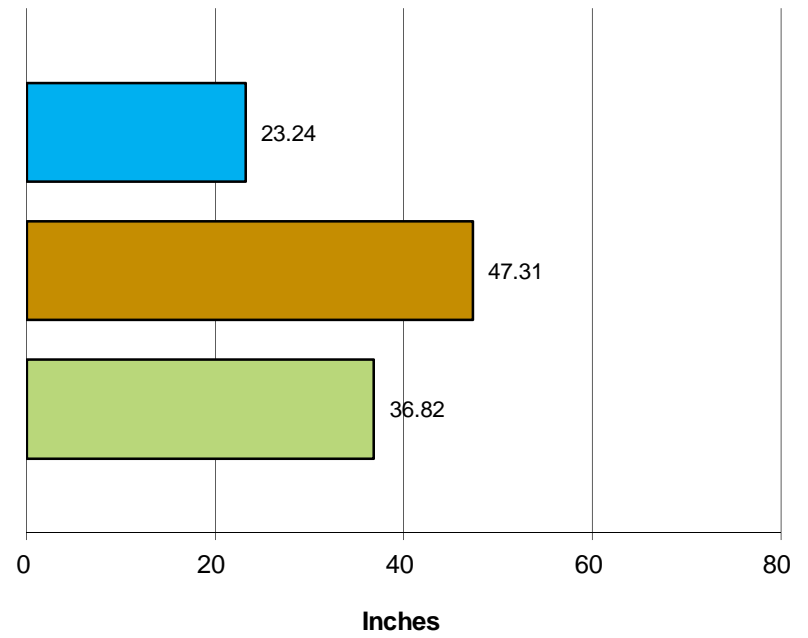
Crestline Village Water District

**Total Rainfall
July 1, 2017 to
Beginning of Current Month**



■ This Year ■ Last Year ■ Normal

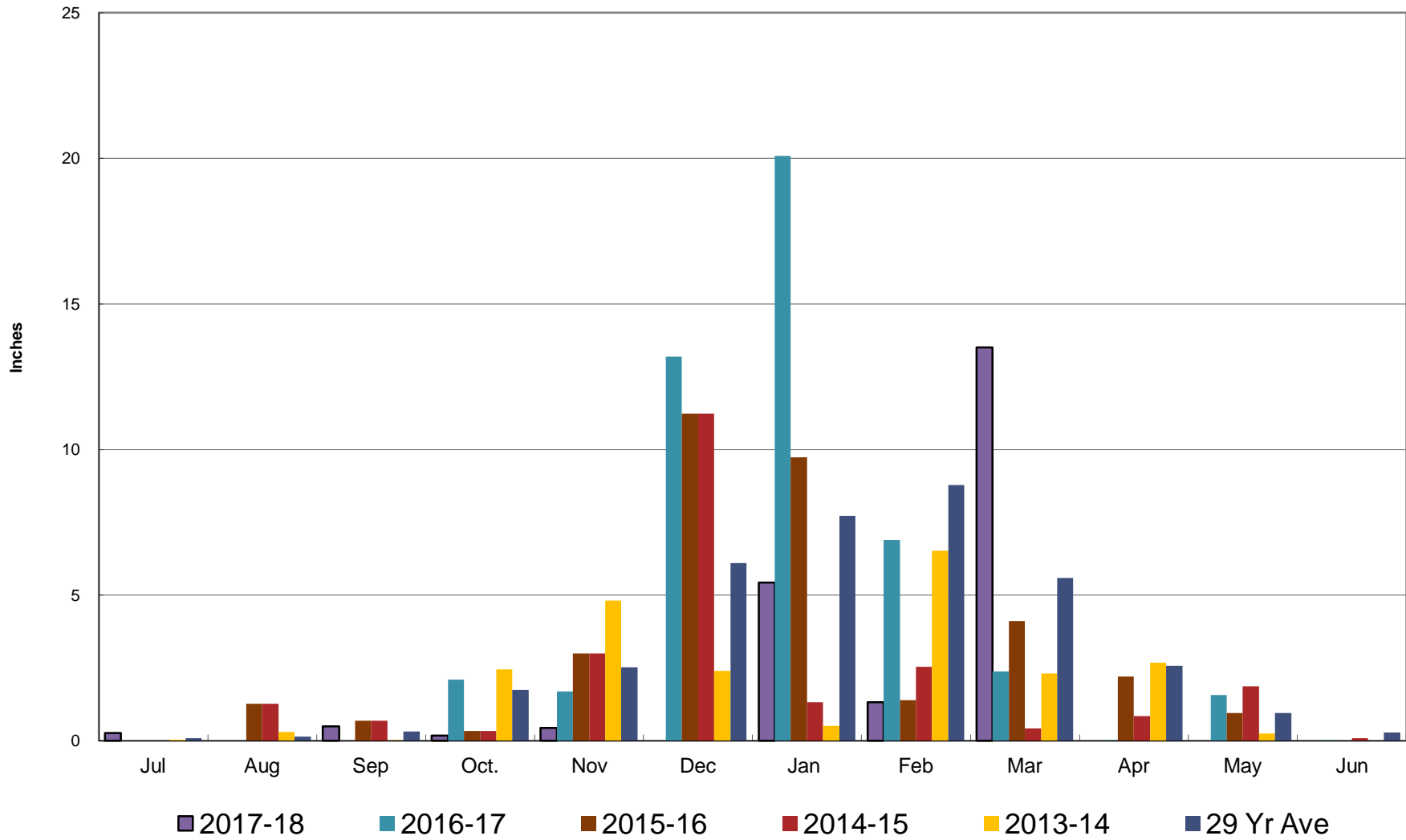
**Total Rainfall
Last 12 Months**



■ This Year ■ Last Year ■ Normal

Crestline Village Water District

Rainfall by Month



Crestline Village Water District

Rainfall Cumulative

