

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

04/19/18

	Mar	Apr	May	June	July	August	Sept	Oct	Nov	Dec	Jan '18	Feb	Mar	Total
<b>Sources of Supply</b>														
Wells	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	1,133,325	16,305,694
Purchased Water	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	809,024	14,265,652
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Water Supplied</b>	<b>2,007,396</b>	<b>1,924,679</b>	<b>2,377,572</b>	<b>2,601,864</b>	<b>3,201,530</b>	<b>2,848,998</b>	<b>2,449,272</b>	<b>2,597,546</b>	<b>2,152,992</b>	<b>2,090,890</b>	<b>2,518,111</b>	<b>1,858,147</b>	<b>1,942,349</b>	<b>30,571,346</b>
<b>Water Used **</b>														
Metered Accounts														
Crestline Area	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	900,619	13,344,520
Lake Gregory Area	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	945,137	14,430,235
Change in Storage	(64,285)	(1,349)	(54,056)	45,388	8,687	6,512	22,568	(9,963)	(38,767)	(5,501)	41,851	(17,478)	10,922	(55,471)
Flushing, System & Other	17,567	44,940	23,491	28,518	32,150	22,186	19,048	30,677	27,358	16,297	14,940	14,439	14,439	306,051
<b>Accounted for Water</b>	<b>1,756,363</b>	<b>1,805,384</b>	<b>2,190,993</b>	<b>2,389,814</b>	<b>2,817,029</b>	<b>2,685,704</b>	<b>2,195,212</b>	<b>2,445,280</b>	<b>2,007,880</b>	<b>1,829,631</b>	<b>2,254,735</b>	<b>1,776,192</b>	<b>1,871,117</b>	<b>28,025,335</b>
<b>System Loss (CF)</b>	251,033	119,295	186,579	212,050	384,501	163,294	254,060	152,266	145,112	261,259	263,376	81,955	71,232	2,546,011
<b>System Loss (%)</b>	12.5%	6.2%	7.8%	8.1%	12.0%	5.7%	10.4%	5.9%	6.7%	12.5%	10.5%	4.4%	3.7%	8.3%
<b>System Loss (GPM)</b>	42.1	22.1	29.4	36.7	64.4	27.4	45.5	24.7	25.1	48.5	40.2	15.2	12.3	36.2
<b>Month to Month Averaging ***</b>														
<b>System Loss (CF)</b>	125,517	185,164	152,937	199,315	298,276	273,897	208,677	203,163	148,689	203,186	262,318	172,666	76,594	2,510,399
<b>System Loss (%)</b>	6.3%	9.4%	7.0%	8.0%	10.1%	8.9%	8.1%	8.1%	6.3%	9.6%	11.5%	7.4%	4.0%	8.2%
<b>System Loss (GPM)</b>	21.0	32.1	25.7	33.0	50.6	45.9	36.4	35.1	24.9	36.8	44.4	27.7	13.8	35.7
<b>Estimated Uses</b>														
Known leaks - Est. loss	28,107	144	0	2,743	2,259	13,947	3,294	2,984	1,097	6,288	28,570	0	144	89,577
<b>Total Estimated Uses</b>	<b>28,107</b>	<b>144</b>	<b>0</b>	<b>2,743</b>	<b>2,259</b>	<b>13,947</b>	<b>3,294</b>	<b>2,984</b>	<b>1,097</b>	<b>6,288</b>	<b>28,570</b>	<b>0</b>	<b>144</b>	<b>89,577</b>
<b>Unaccounted for Water (CF)</b>	222,926	119,151	186,579	209,307	382,242	149,347	250,765	149,282	144,015	254,971	234,806	81,955	71,088	2,456,434
<b>Unaccounted For (%)</b>	11.1%	6.2%	7.9%	8.0%	11.9%	5.2%	10.2%	5.8%	6.7%	12.2%	9.3%	4.4%	3.7%	8.0%
<b>Unaccounted For (GPM)</b>	37.4	22.1	29.4	36.2	64.0	25.0	44.9	24.2	24.9	47.3	35.9	15.2	12.3	35.0
Number of Days in Period	31	28	33	30	31	31	29	32	30	28	34	28	30	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

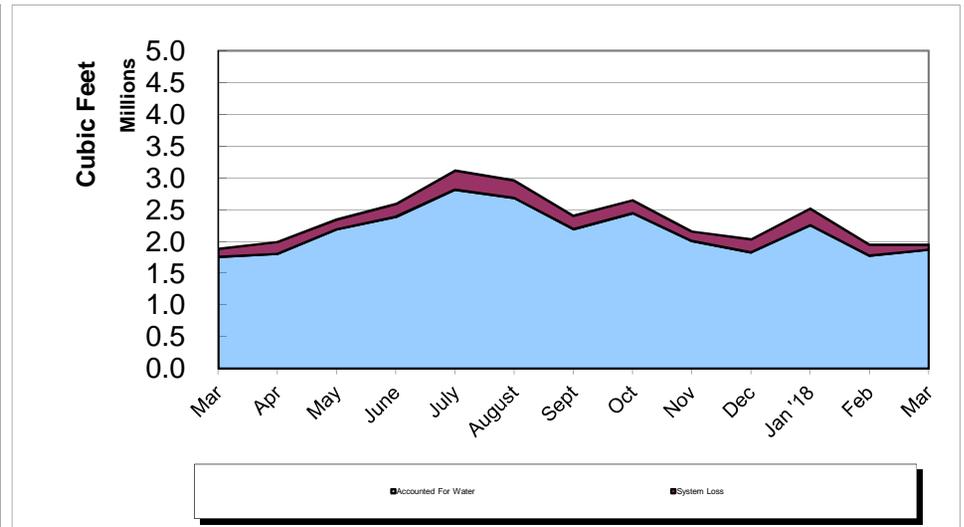
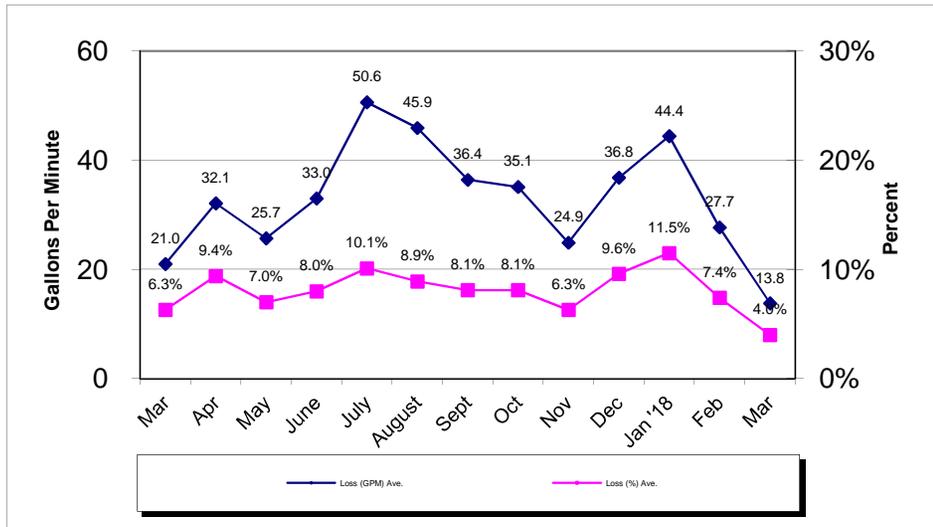
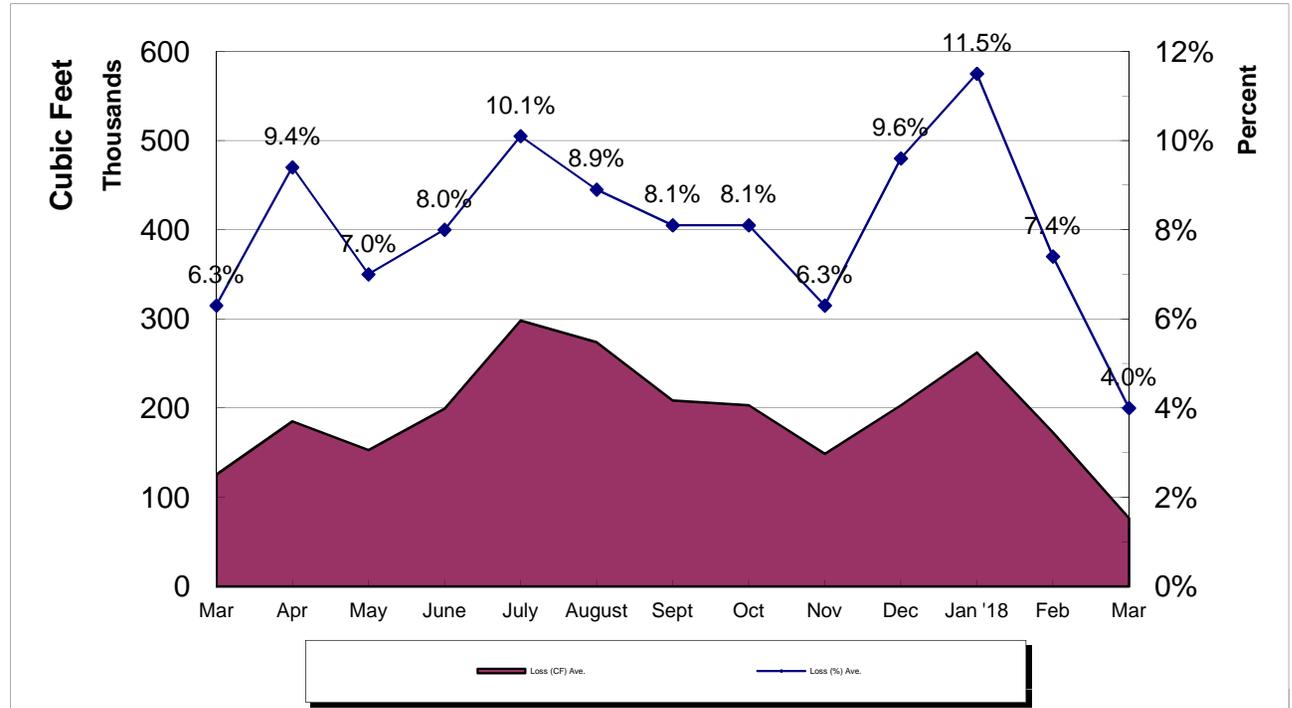
\*\*\* - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$2,022	\$5,098
Cost of 5% System Loss:	2,564	3,104
<b>Amount above (below) 5% System Loss</b>	<b>(\$542)</b>	<b>\$1,994</b>
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: 03/30/18**

**For Month of: March 2018**

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,752	20.31	340,233	88.29%
Saxon	337,674	14,681	17.24	253,100	74.95%
Pinecrest I & II	2,063,492	54,302	30.26	1,643,179	79.63%
Zurich	380,500	18,789	18.65	350,415	92.09%
Lakeview	1,230,212	27,955	38.37	1,072,633	87.19%
Old Mill	705,900	27,151	24.16	655,968	92.93%
Barn	444,443	19,752	17.55	346,648	78.00%
Wilson	983,681	33,915	21.84	740,704	75.30%
Chillon	337,674	14,679	16.95	248,809	73.68%
Brookside	748,067	28,772	21.20	609,966	81.54%
Chamois	1,026,532	39,482	21.66	855,180	83.31%
<b>Total</b>	<b>8,643,529</b>		<b>248.19</b>	<b>7,116,835</b>	<b>82.34%</b>

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	68,202	On
Pioneer-2	37,677	On
Pioneer-1	48,211	On
Old Mill Springs	31,900	On
Maple Springs	19,982	On
Willow Springs	13,270	On
Brookside Springs	18,300	Off
Hillside Springs	6,930	On
Pinecrest 1 & 2	46,380	On
Pinecrest Vertical	100,240	On
Cypress Vertical	89,410	On
Anderson Vertical	89,363	On
Wilson Springs 1 & 2	90,711	On
Wilson Vertical	131,552	On
Felsen Vertical	149,595	On
Horst	53,506	On
Jewel 64	67,106	On
Cathcart	26,060	On
Bergschrund	11,020	On
Chamois	0	Off
Chamois Vertical	33,910	On
	0	0
	0	0
	0	0
Lewter	0	Off
<b>Total</b>	<b>1,133,325</b>	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	46	50	(4)	-8.00%	270,187
Mile High 2"	27	30	(3)	-10.00%	203,142
Mile High 4"	0	0	0	0.00%	0
Pinecrest 2"	0	0	0	0.00%	0
Pinecrest 4"	52	50	2	4.00%	316,444
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%	19,251
<b>Total</b>	<b>125</b>	<b>130</b>	<b>(5)</b>	<b>-3.85%</b>	<b>809,024</b>

March Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	157.8	911,358		187.9	1,085,198
Actual M-T-D:	140.1	809,024		196.2	1,133,325
Over/(Under) Last Year:	(17.7)	(102,334.0)		8.3	48,127.0

Total	GPM	Cubic Feet
Last Year M-T-D:	345.7	1,996,556
Actual M-T-D:	336.3	1,942,349
Over/(Under) Last Year:	(9.4)	(54,207.0)

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

04/19/18

<b>Source Name</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>August</b>	<b>September</b>	<b>October</b>	<b>November</b>	<b>December</b>	<b>January '18</b>	<b>February</b>	<b>March</b>	<b>Last 12 Months</b>	<b>13 Months</b>
<b>Division 10</b>															
Altdorf	87,303	5,952	76,194	65,866	65,173	63,462	58,548	64,125	59,842	57,133	66,940	55,498	68,202	706,935	794,238
Pioneer #2	40,847	24,155	43,679	39,591	41,656	39,862	37,980	41,789	39,038	37,136	41,976	35,025	37,677	459,564	500,411
Pioneer #1	38,754	25,153	40,904	34,831	35,094	34,241	31,175	33,665	31,063	29,345	35,124	27,165	48,211	405,971	444,725
Old Mill Springs	74,420	64,070	57,190	45,990	48,920	41,550	34,420	33,240	28,580	26,100	27,680	21,360	31,900	461,000	535,420
Maple Springs	32,944	16,328	27,498	18,512	20,779	16,253	15,072	16,204	14,593	13,754	15,337	11,656	19,982	205,968	238,912
Willow Springs	68,290	54,070	51,180	39,370	35,200	31,420	27,650	27,700	25,290	22,750	22,180	18,170	13,270	368,250	436,540
Brookside Springs	32,000	36,710	40,440	33,050	31,880	0	0	0	0	16,520	20,470	11,630	18,300	209,000	241,000
Hillside Springs	0	0	0	0	48,050	22,820	13,770	12,440	9,940	8,670	8,740	6,800	6,930	138,160	138,160
Pinecrest	83,050	84,140	96,940	85,260	79,240	75,840	64,630	66,380	57,470	51,730	54,920	43,190	46,380	806,120	889,170
Pinecrest Vertical	146,310	164,870	205,800	181,510	179,810	168,550	144,300	146,110	218,510	116,940	124,430	98,370	100,240	1,849,440	1,995,750
Cypress Vertical	90,810	83,430	114,440	99,460	98,700	95,120	90,150	100,850	93,320	89,180	98,280	83,530	89,410	1,135,870	1,226,680
Anderson Vertical	136,809	130,872	149,098	136,135	137,797	134,892	125,244	130,237	119,593	0	93,410	62,888	89,363	1,309,529	1,446,338
Division 10 Totals	831,537	689,750	903,363	779,575	822,299	724,010	642,939	672,740	697,239	469,258	609,487	475,282	569,865	8,055,807	8,887,344
<b>Division 20</b>															
Wilson Springs #1 & 2	114,448	120,999	141,445	127,661	124,026	121,480	110,096	116,816	104,114	97,469	106,364	85,552	90,711	1,346,733	1,461,181
Wilson Vertical	120,130	130,227	156,623	145,137	163,704	152,704	135,132	168,690	138,000	136,279	151,244	124,925	131,552	1,734,217	1,854,347
Felsen Vertical	15,372	129,320	153,576	16,740	80,344	158,128	148,289	164,205	153,387	147,778	166,822	140,783	149,595	1,608,967	1,624,339
Horst	51,446	59,343	74,267	70,491	71,732	70,472	63,506	66,349	59,791	53,738	37,819	56,464	53,506	737,478	788,924
Jewell No. 64	82,502	64,753	74,801	74,485	71,987	73,255	68,620	74,329	67,665	66,869	73,851	61,751	67,106	839,472	921,974
Cathcart	31,016	27,489	29,895	26,126	25,982	25,020	22,401	24,366	21,766	20,858	13,838	24,171	26,060	287,972	318,988
Bergschrund	23,901	23,719	25,500	21,878	21,135	19,652	16,980	17,191	14,774	12,892	8,561	13,244	11,020	206,546	230,447
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	35,160	31,940	0	7,070	0	0	0	31,630	1,230	0	51,100	26,110	33,910	182,990	218,150
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	473,975	587,790	656,107	489,588	558,910	620,711	565,024	663,576	560,727	535,883	609,599	533,000	563,460	6,944,375	7,418,350
<b>Total District Sources</b>	<b>1,305,512</b>	<b>1,277,540</b>	<b>1,559,470</b>	<b>1,269,163</b>	<b>1,381,209</b>	<b>1,344,721</b>	<b>1,207,963</b>	<b>1,336,316</b>	<b>1,257,966</b>	<b>1,005,141</b>	<b>1,219,086</b>	<b>1,008,282</b>	<b>1,133,325</b>	<b>15,000,182</b>	<b>16,305,694</b>
<b>C.L.A.W.A.</b>															
Crest Forest 6"	244,251	44,118	231,016	276,872	383,289	339,037	289,037	279,947	267,513	353,476	323,930	248,930	270,187	3,307,352	3,551,603
Mile High Park 2"	0	0	0	60,909	0	0	0	0	165,214	193,235	240,201	208,422	203,142	1,071,123	1,071,123
Mile High Park 4"	184,492	163,636	193,984	197,460	282,086	248,930	233,422	265,374	16,711	0	0	0	0	1,601,603	1,786,095
Pinecrest 2"	112,981	364,118	393,102	0	0	0	0	0	0	0	0	0	0	757,220	870,201
Pinecrest 4"	160,160	0	0	718,316	719,251	880,615	699,465	715,909	445,588	497,460	562,701	371,791	316,444	5,927,540	6,087,700
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	363,235	0	0	0	0	0	0	0	0	363,235	363,235
Camp Seely	0	75,267	0	79,144	72,460	35,695	19,385	0	0	41,578	172,193	20,722	19,251	535,695	535,695
<b>C.L.A.W.A. Totals</b>	<b>701,884</b>	<b>647,139</b>	<b>818,102</b>	<b>1,332,701</b>	<b>1,820,321</b>	<b>1,504,277</b>	<b>1,241,309</b>	<b>1,261,230</b>	<b>895,026</b>	<b>1,085,749</b>	<b>1,299,025</b>	<b>849,865</b>	<b>809,024</b>	<b>13,563,768</b>	<b>14,265,652</b>
<b>Grand Totals</b>	<b>2,007,396</b>	<b>1,924,679</b>	<b>2,377,572</b>	<b>2,601,864</b>	<b>3,201,530</b>	<b>2,848,998</b>	<b>2,449,272</b>	<b>2,597,546</b>	<b>2,152,992</b>	<b>2,090,890</b>	<b>2,518,111</b>	<b>1,858,147</b>	<b>1,942,349</b>	<b>28,563,950</b>	<b>30,571,346</b>

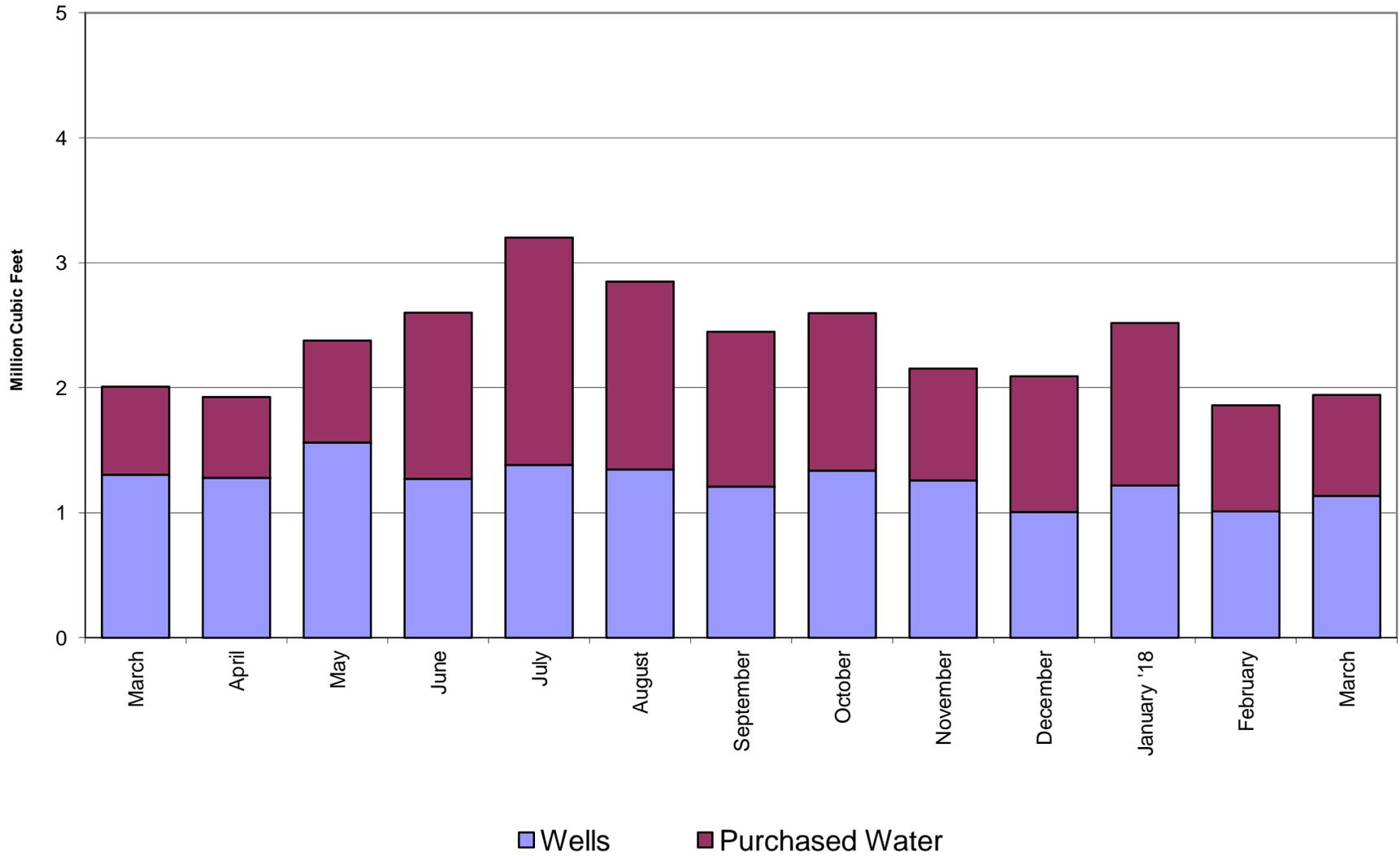
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04/19/18

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<b>District Sources</b>															
Division 10	831,537	689,750	903,363	779,575	822,299	724,010	642,939	672,740	697,239	469,258	609,487	475,282	569,865	8,055,807	8,887,344
Division 20	473,975	587,790	656,107	489,588	558,910	620,711	565,024	663,576	560,727	535,883	609,599	533,000	563,460	6,944,375	7,418,350
<b>Total</b>	<b>1,305,512</b>	<b>1,277,540</b>	<b>1,559,470</b>	<b>1,269,163</b>	<b>1,381,209</b>	<b>1,344,721</b>	<b>1,207,963</b>	<b>1,336,316</b>	<b>1,257,966</b>	<b>1,005,141</b>	<b>1,219,086</b>	<b>1,008,282</b>	<b>1,133,325</b>	<b>15,000,182</b>	<b>16,305,694</b>
Division 10	63.69%	53.99%	57.93%	61.42%	59.53%	53.84%	53.23%	50.34%	55.43%	46.69%	50.00%	47.14%	50.28%	53.70%	54.50%
Division 20	36.31%	46.01%	42.07%	38.58%	40.47%	46.16%	46.77%	49.66%	44.57%	53.31%	50.00%	52.86%	49.72%	46.30%	45.50%
<b>Total</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>										
<b>All Sources</b>															
District Sources	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	1,133,325	15,000,182	16,305,694
C.L.A.W.A.	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	809,024	13,563,768	14,265,652
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District Sources	65.04%	66.38%	65.59%	48.78%	43.14%	47.20%	49.32%	51.45%	58.43%	48.07%	48.41%	54.26%	58.35%	52.51%	53.34%
C.L.A.W.A.	34.96%	33.62%	34.41%	51.22%	56.86%	52.80%	50.68%	48.55%	41.57%	51.93%	51.59%	45.74%	41.65%	47.49%	46.66%
<b>Total Sources</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>										

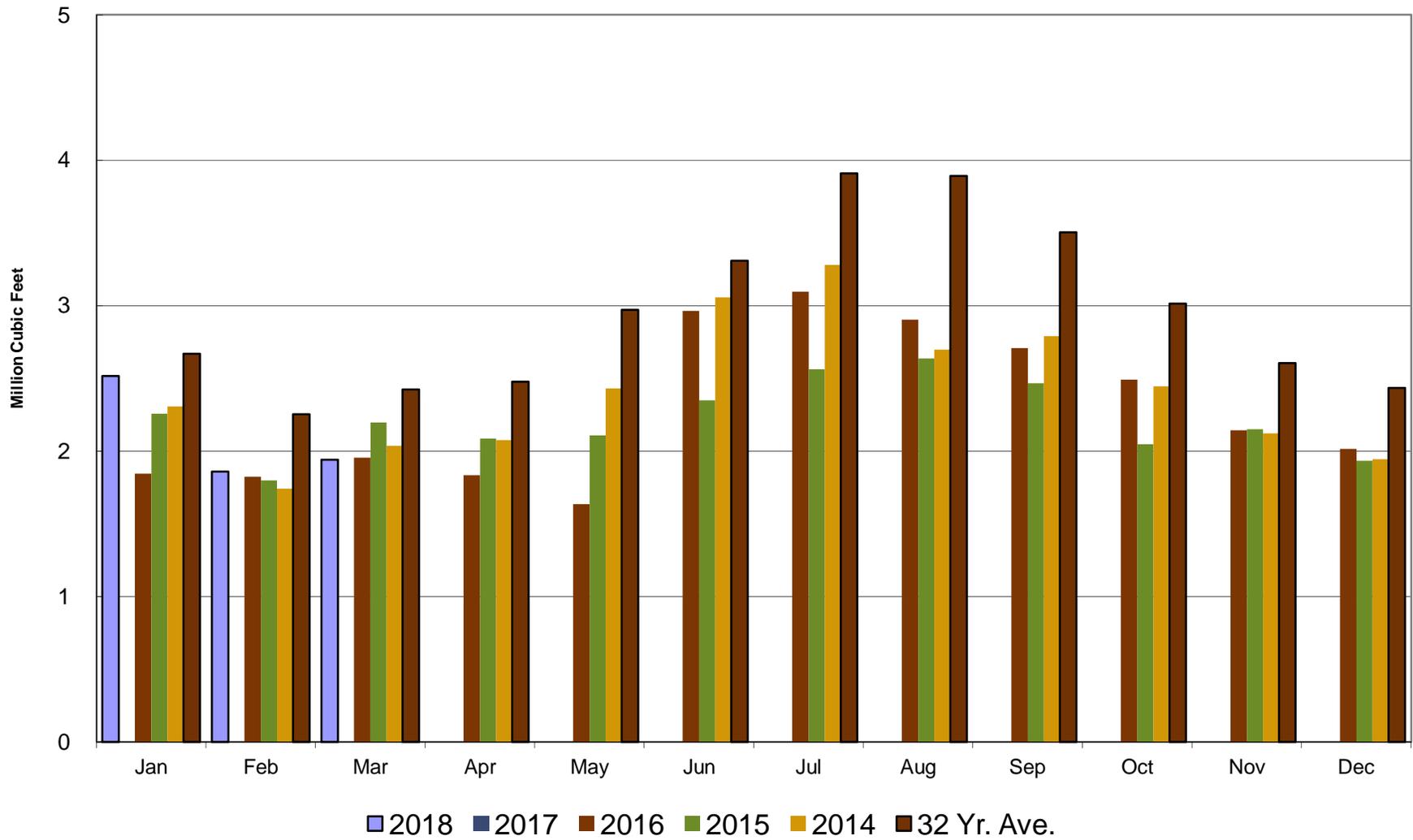
# Crestline Village Water District

## Water Sources - Last 13 Months



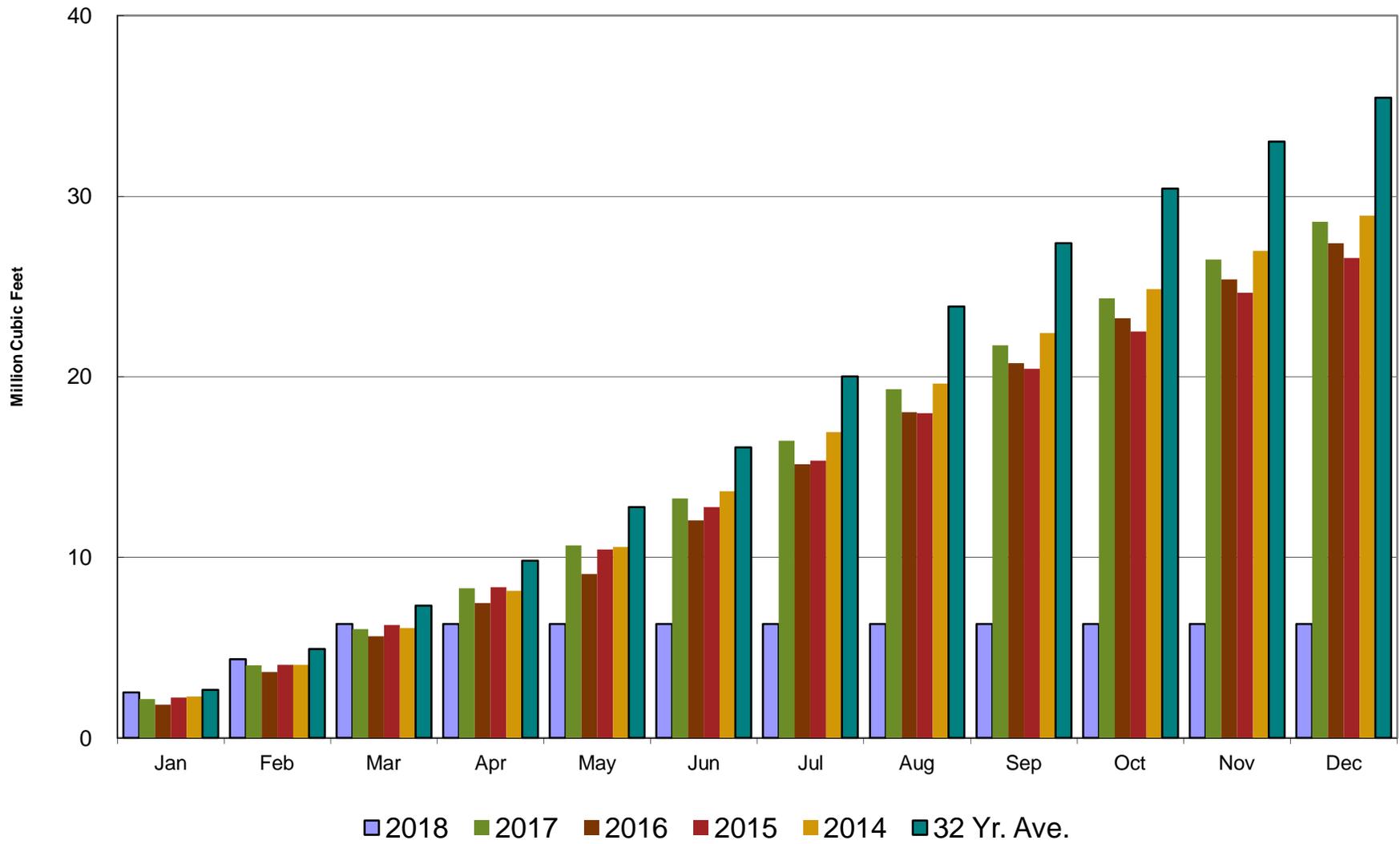
# Crestline Village Water District

## Total Production by Month



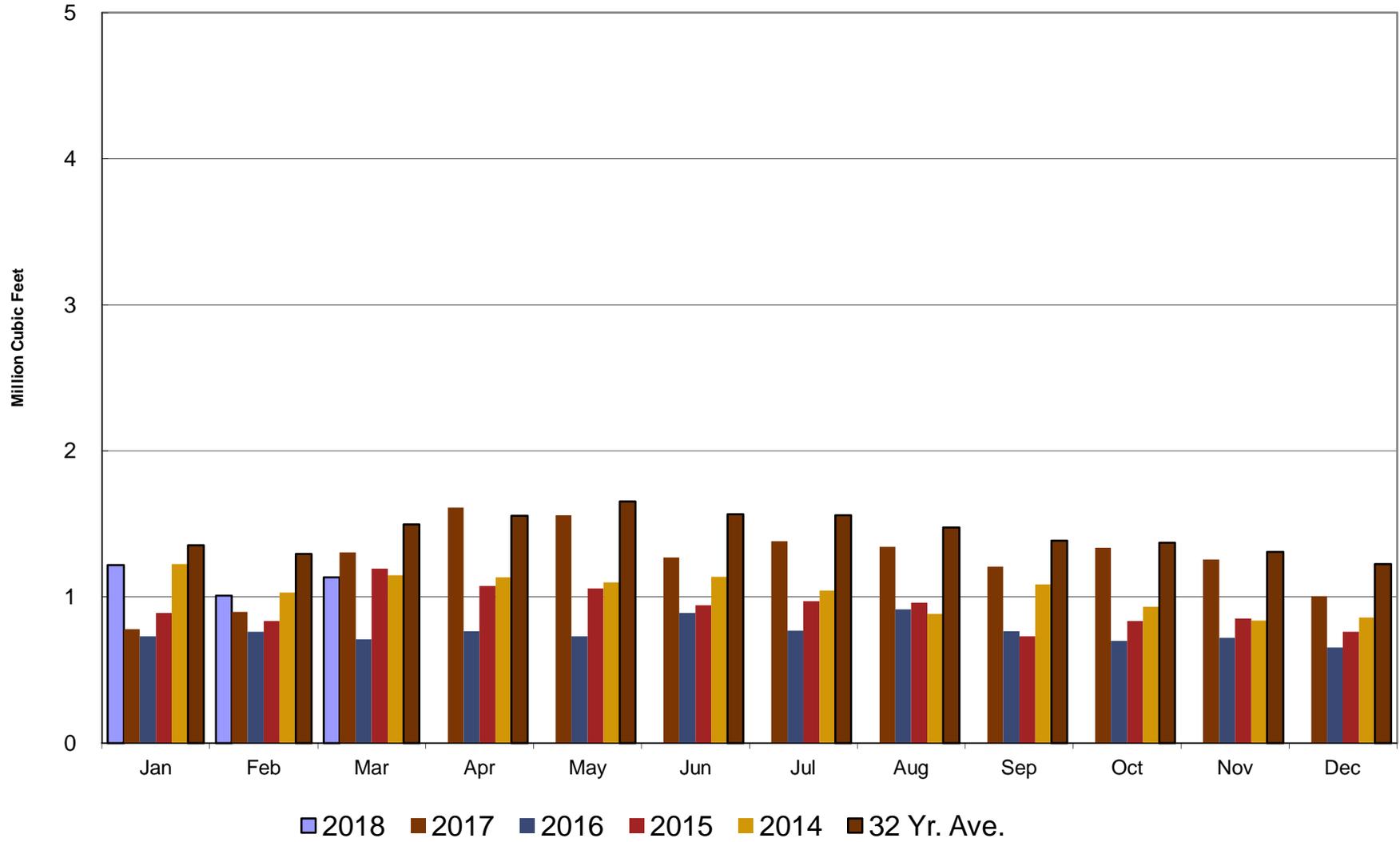
# Crestline Village Water District

## Total Production Cumulative



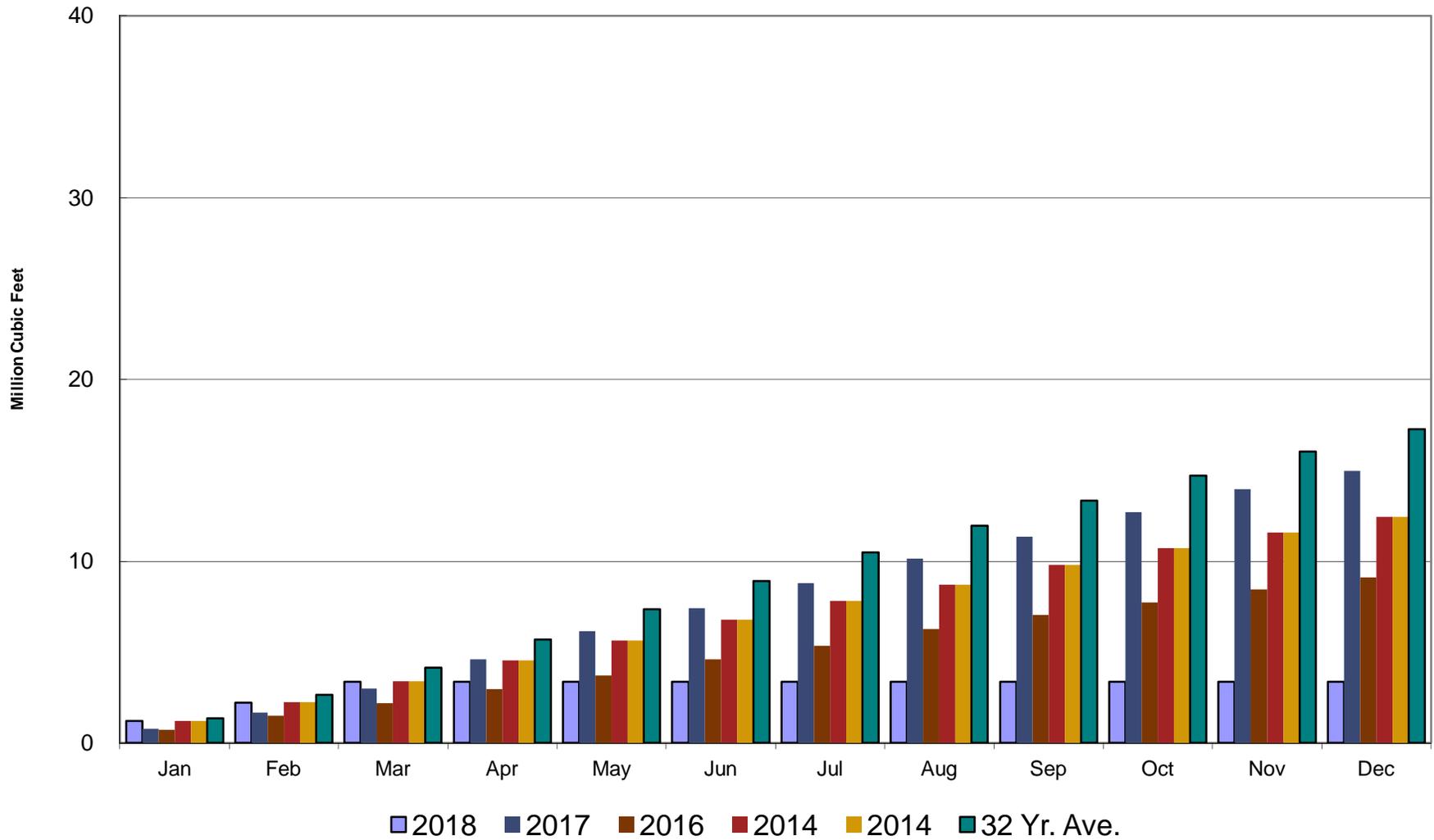
# Crestline Village Water District

## Well Production by Month



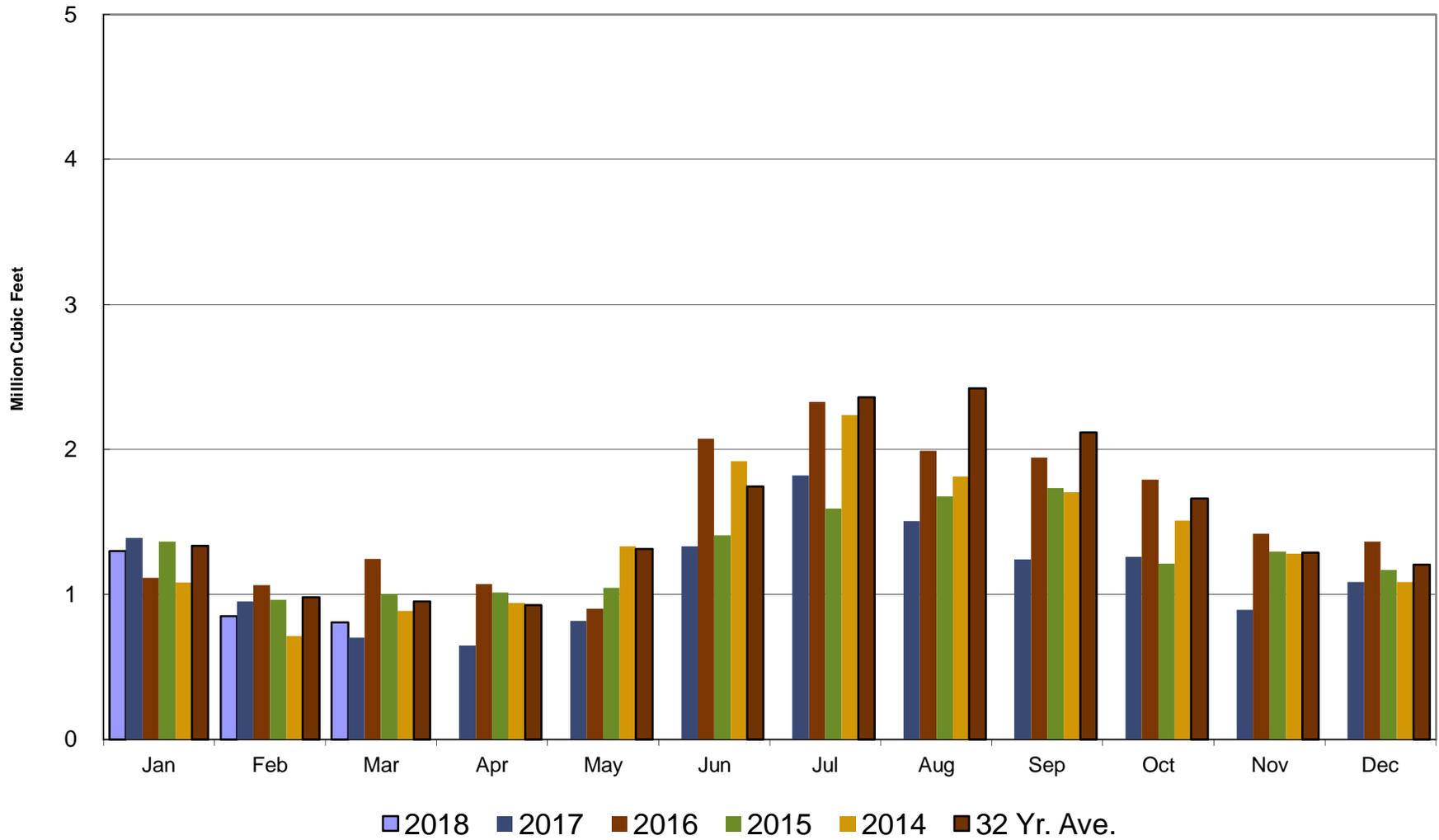
# Crestline Village Water District

## Well Production Cumulative



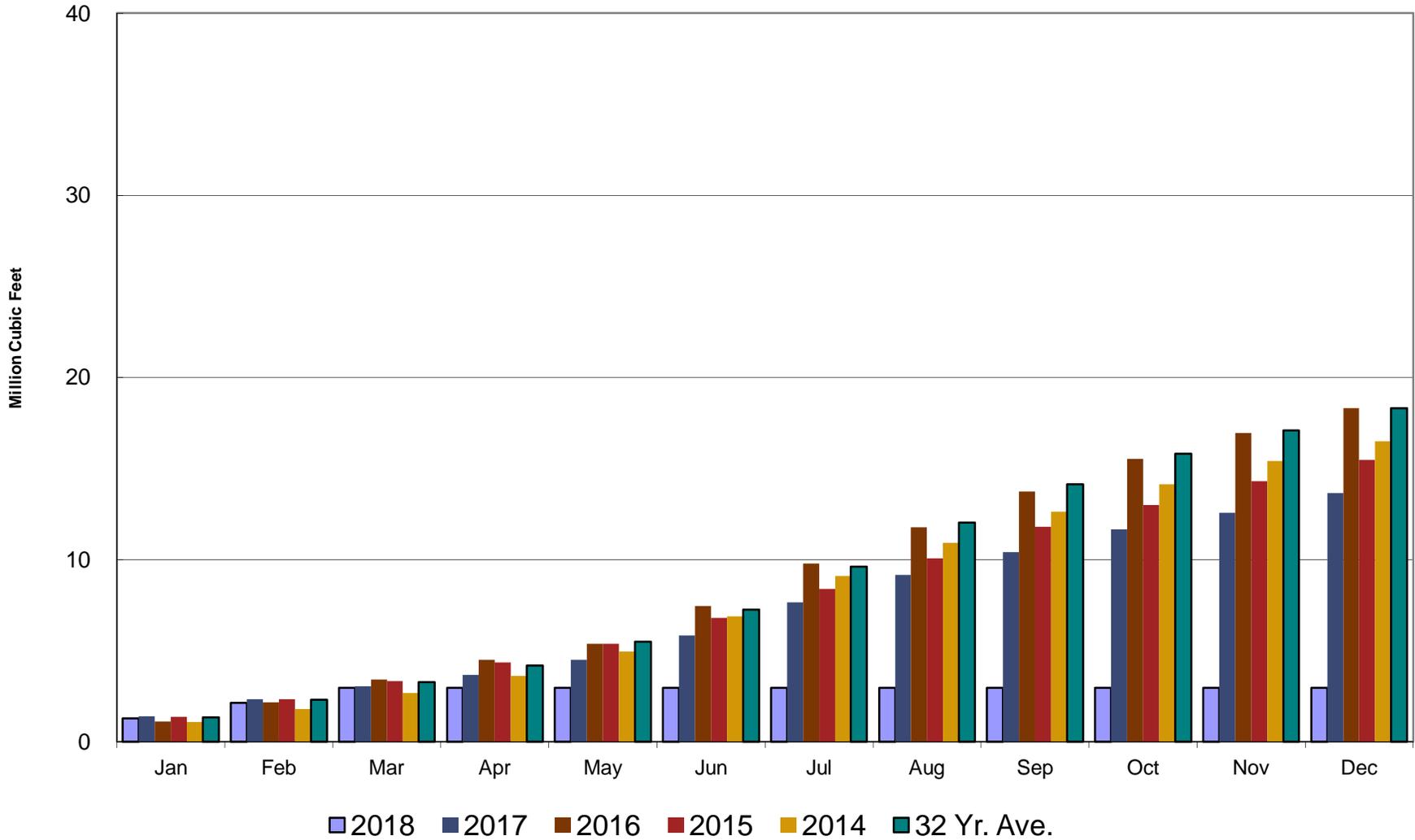
# Crestline Village Water District

## Purchased Water by Month



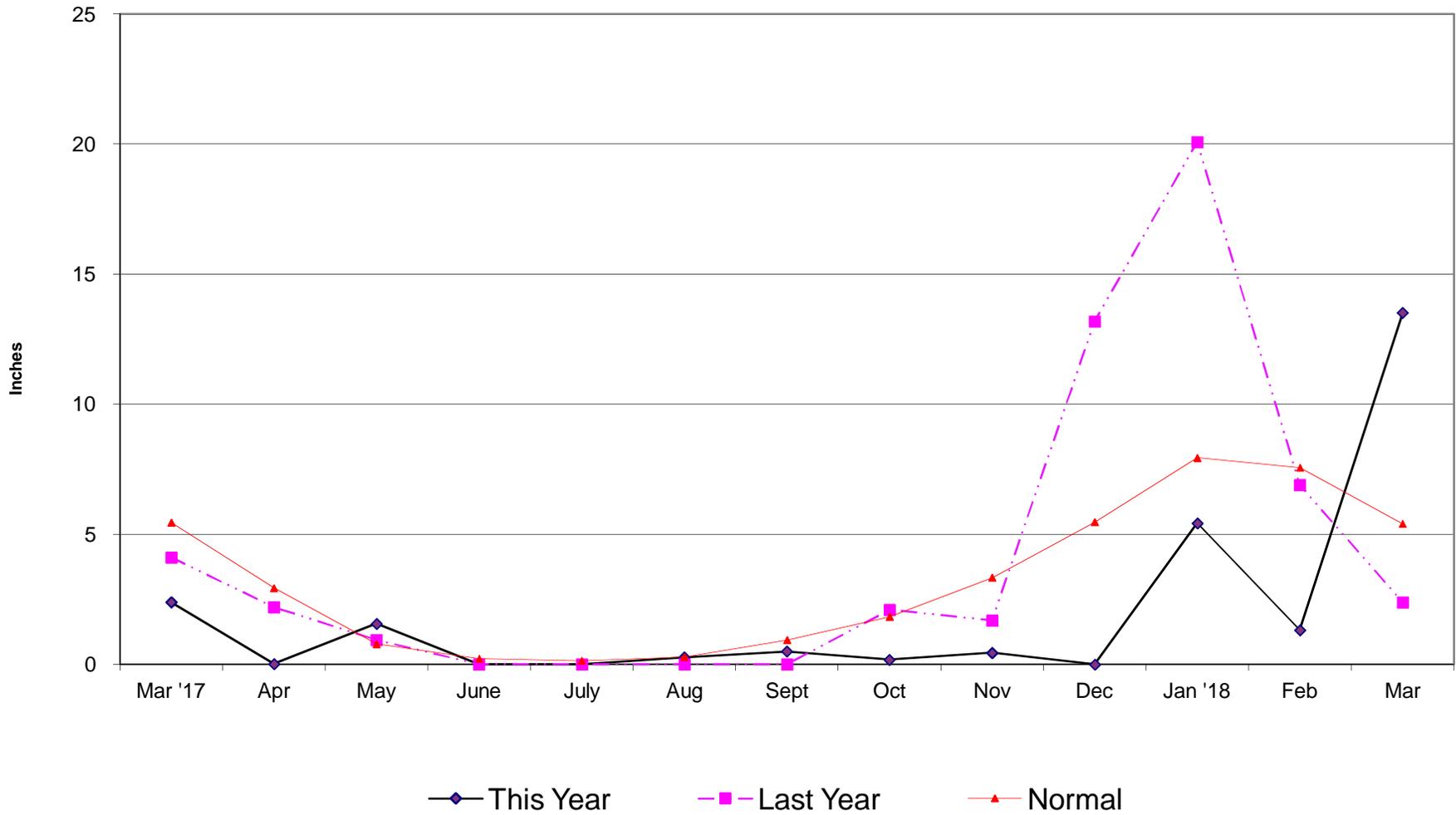
# Crestline Village Water District

## Purchased Water Cumulative



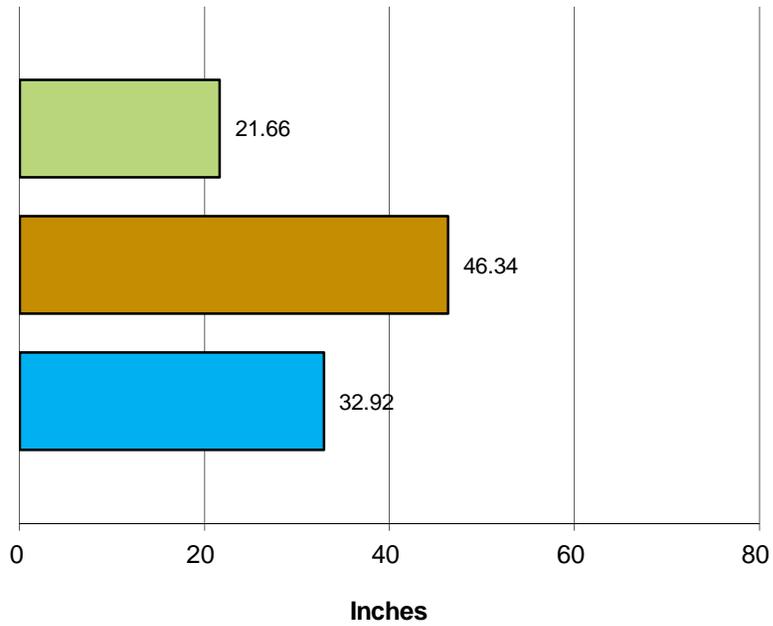
# Crestline Village Water District

## Rainfall - Last 13 Months



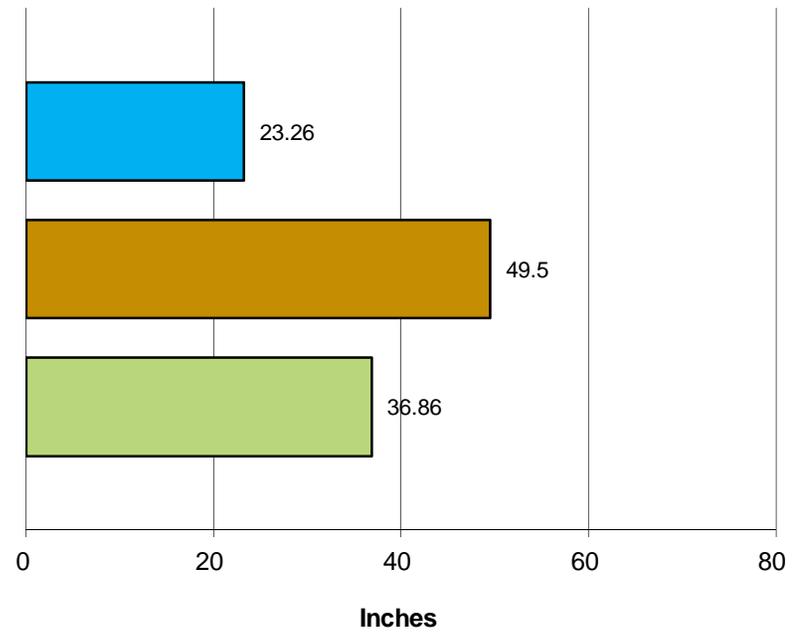
# Crestline Village Water District

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



■ This Year ■ Last Year ■ Normal

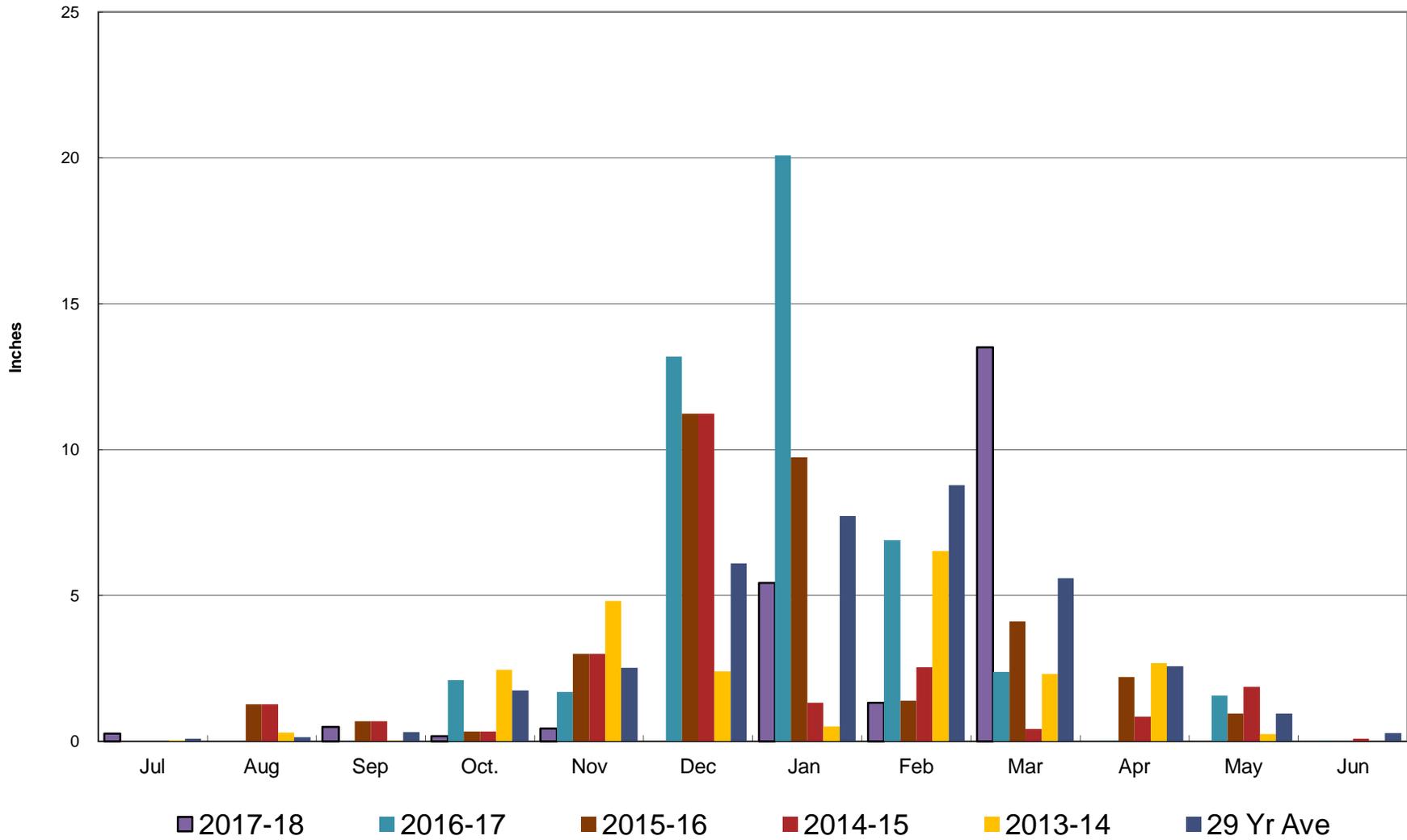
## Total Rainfall Last 12 Months



■ This Year ■ Last Year ■ Normal

# Crestline Village Water District

## Rainfall by Month



# Crestline Village Water District

## Rainfall Cumulative

