

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

05/12/17

	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan '17	Feb	Mar	Apr	Total
<b>Sources of Supply</b>														
Wells	766,045	730,757	889,923	768,682	915,107	765,105	700,645	722,247	653,020	778,620	898,292	1,305,512	1,277,540	11,171,495
Purchased Water	1,069,759	903,196	2,075,267	2,326,512	1,989,344	1,942,165	1,791,444	1,420,053	1,363,770	1,388,503	950,936	701,884	647,139	18,569,972
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Water Supplied</b>	<b>1,835,804</b>	<b>1,633,953</b>	<b>2,965,190</b>	<b>3,095,194</b>	<b>2,904,451</b>	<b>2,707,270</b>	<b>2,492,089</b>	<b>2,142,300</b>	<b>2,016,790</b>	<b>2,167,123</b>	<b>1,849,228</b>	<b>2,007,396</b>	<b>1,924,679</b>	<b>29,741,467</b>
<b>Water Used **</b>														
Metered Accounts														
Crestline Area	874,686	833,013	1,337,363	1,349,820	1,225,532	1,159,217	1,049,772	920,956	894,009	921,219	797,663	882,949	870,336	13,116,535
Lake Gregory Area	915,873	844,358	1,263,358	1,456,293	1,412,630	1,298,386	1,330,923	1,035,068	964,569	1,043,759	835,789	920,132	891,457	14,212,595
Change in Storage	(14,604)	(64,285)	63,211	39,580	(38,244)	(5,327)	(3,701)	(12,883)	(61,470)	71,324	19,087	(64,285)	(1,349)	(72,946)
Flushing, System & Other	17,589	16,751	16,052	14,609	15,269	15,829	14,439	15,041	18,450	14,439	14,439	17,567	21,833	212,306
<b>Accounted for Water</b>	<b>1,793,544</b>	<b>1,629,837</b>	<b>2,679,984</b>	<b>2,860,302</b>	<b>2,615,187</b>	<b>2,468,105</b>	<b>2,391,433</b>	<b>1,958,182</b>	<b>1,815,558</b>	<b>2,050,741</b>	<b>1,666,978</b>	<b>1,756,363</b>	<b>1,782,277</b>	<b>27,468,490</b>
<b>System Loss (CF)</b>	42,260	4,116	285,206	234,892	289,264	239,165	100,656	184,118	201,232	116,382	182,250	251,033	142,402	2,272,977
<b>System Loss (%)</b>	2.3%	0.3%	9.6%	7.6%	10.0%	8.8%	4.0%	8.6%	10.0%	5.4%	9.9%	12.5%	7.4%	7.6%
<b>System Loss (GPM)</b>	7.3	0.8	43.6	38.1	50.1	41.4	16.9	31.9	34.8	18.9	33.8	42.1	26.4	32.3
<b>Month to Month Averaging ***</b>														
<b>System Loss (CF)</b>	21,130	23,188	144,661	260,049	262,078	264,215	169,911	142,387	192,675	158,807	149,316	216,642	196,718	2,201,777
<b>System Loss (%)</b>	1.2%	1.3%	4.9%	8.6%	8.8%	9.4%	6.4%	6.3%	9.3%	7.7%	7.6%	11.2%	10.0%	7.4%
<b>System Loss (GPM)</b>	3.7	4.1	22.2	40.9	44.1	45.7	29.1	24.4	33.4	26.9	26.4	37.9	34.2	31.3
<b>Estimated Uses</b>														
Known leaks - Est. loss	1,334	0	37,656	18,048	7,580	3,850	3,658	0	674	866	1,925	28,107	144	103,842
<b>Total Estimated Uses</b>	<b>1,334</b>	<b>0</b>	<b>37,656</b>	<b>18,048</b>	<b>7,580</b>	<b>3,850</b>	<b>3,658</b>	<b>0</b>	<b>674</b>	<b>866</b>	<b>1,925</b>	<b>28,107</b>	<b>144</b>	<b>103,842</b>
<b>Unaccounted for Water (CF)</b>	40,926	4,116	247,551	216,844	281,684	235,315	96,998	184,118	200,559	115,516	180,325	222,926	142,258	2,169,135
<b>Unaccounted For (%)</b>	2.2%	0.3%	8.4%	7.0%	9.7%	8.7%	3.9%	8.6%	9.9%	5.3%	9.8%	11.1%	7.4%	7.3%
<b>Unaccounted For (GPM)</b>	7.1	0.8	37.8	35.2	48.8	40.7	16.3	31.9	34.7	18.8	33.5	37.4	26.4	30.9
<b>Number of Days in Period</b>	30	27	34	32	30	30	31	30	30	32	28	31	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

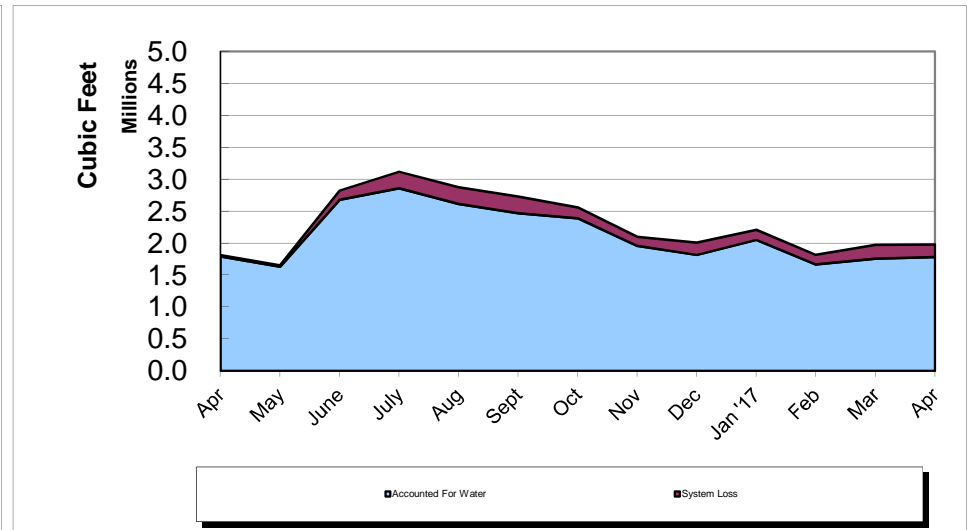
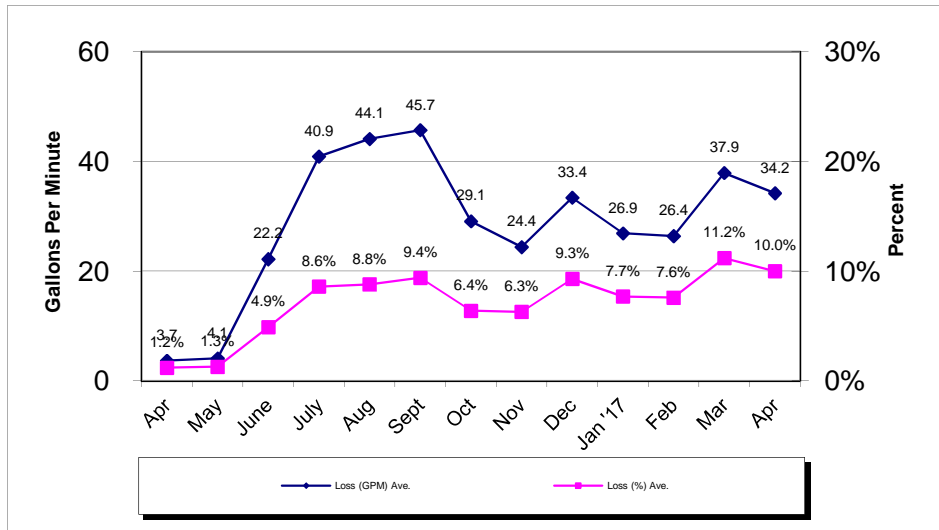
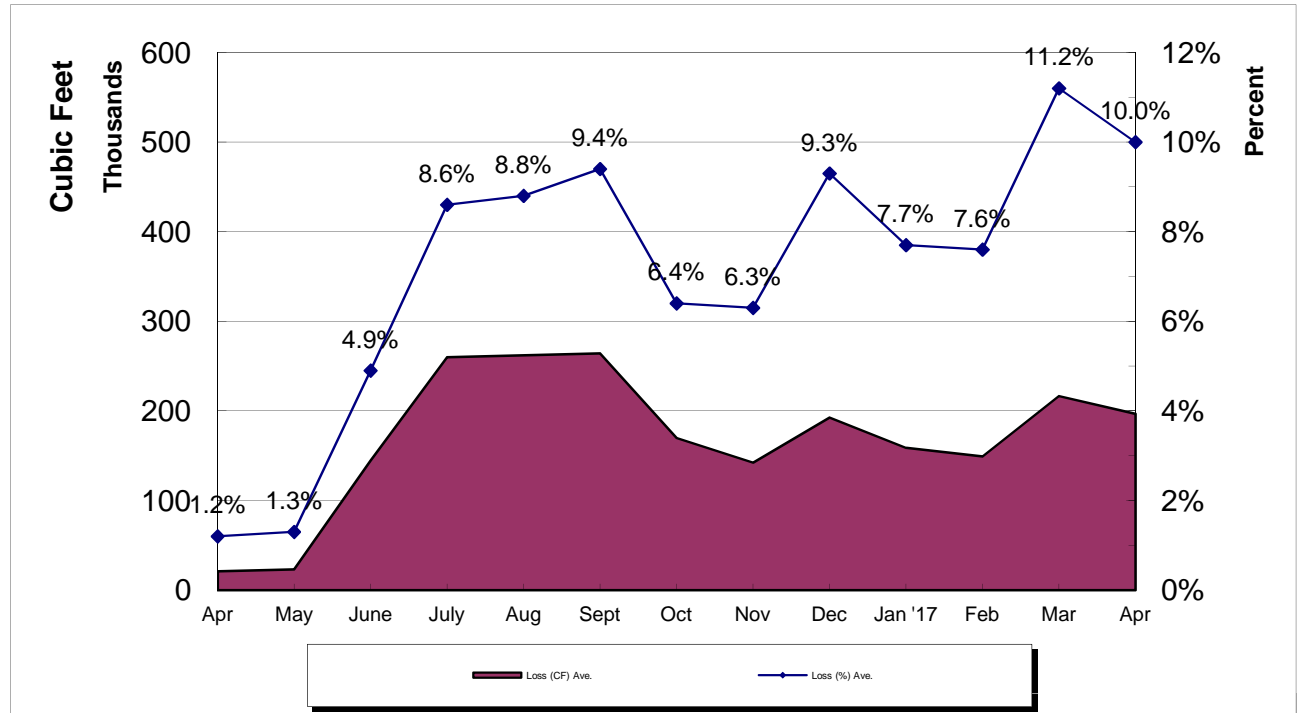
\*\*\* - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$5,193	\$4,471
Cost of 5% System Loss:	2,541	3,020
<b>Amount above (below) 5% System Loss</b>	<b>\$2,652</b>	<b>\$1,451</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: 04/28/17

For Month of: April 2017

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,754	16.89	282,975	73.43%
Saxon	337,674	14,681	16.39	240,622	71.26%
Pinecrest I & II	2,063,492	54,302	31.61	1,716,486	83.18%
Zurich	380,500	16,910	18.48	312,497	82.13%
Lakeview	1,230,212	27,959	34.43	962,628	78.25%
Old Mill	705,900	27,150	22.88	621,192	88.00%
Barn	444,443	19,753	18.16	358,714	80.71%
Wilson	983,681	33,920	27.59	935,853	95.14%
Chillon	337,674	14,681	16.71	245,320	72.65%
Brookside	748,067	28,772	21.41	616,009	82.35%
Chamois	1,026,532	39,482	21.07	831,886	81.04%
<b>Total</b>	<b>8,643,529</b>		<b>245.62</b>	<b>7,124,182</b>	<b>82.42%</b>

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	5,952	On
Pioneer-2	24,155	On
Pioneer-1	25,153	On
Old Mill Springs	64,070	On
Maple Springs	16,328	On
Willow Springs	54,070	On
Brookside Springs	36,710	On
Hillside Springs	0	Off
Pinecrest 1 & 2	84,140	On
Pinecrest Vertical	164,870	On
Cypress Vertical	83,430	On
Anderson Vertical	130,872	On
Wilson Springs 1 & 2	120,999	On
Wilson Vertical	130,227	On
Felsen Vertical	129,320	On
Horst	59,343	On
Jewel 64	64,753	On
Cathcart	27,489	On
Bergschrund	23,719	On
Chamois	0	Off
Chamois Vertical	31,940	On
	0	0
	0	0
	0	0
Lewter	0	Off
<b>Total</b>	<b>1,277,540</b>	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	0	0	0	0.00%	44,118
Mile High 2"	0	0	0	0.00%	0
Mile High 4"	29	30	(1)	-3.33%	163,636
Pinecrest 2"	132	100	32	32.00%	364,118
Pinecrest 4"	0	0	0	0.00%	0
Lake Drive 2"	0	0	0	0.00%	0
Lake Drive 4"	0	0	0	0.00%	0
Camp Seely	0	13	(13)	-100.00%	75,267
<b>Total</b>	<b>161</b>	<b>130</b>	<b>31</b>	<b>23.85%</b>	<b>647,139</b>

April Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	175.3	944,933		186.3	1,004,226
Actual M-T-D:	120.1	647,139		237.0	1,277,540
Over/(Under) Last Year:	(55.3)	(297,794.0)		50.7	273,314.0

Total	GPM	Cubic Feet
Last Year M-T-D:	361.6	1,949,159
Actual M-T-D:	357.1	1,924,679
Over/(Under) Last Year:	(4.5)	(24,480.0)

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

05/12/17

<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 '17</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>Last 12 Months</u>	<u>13 Months</u>
<b>Division 10</b>															
Altdorf	55,446	51,632	59,926	54,522	49,873	49,063	49,621	47,451	49,232	88,387	87,143	87,303	5,952	680,105	735,551
Pioneer #2	34,391	32,876	39,268	36,444	33,624	33,202	33,558	32,463	32,122	36,621	35,712	40,847	24,155	410,892	445,283
Pioneer #1	26,113	24,162	27,775	24,745	22,175	21,515	21,741	20,908	23,026	84,684	445	38,754	25,153	335,083	361,196
Old Mill Springs	0	0	15,510	15,990	13,480	12,230	11,960	10,820	10,900	57,620	60,850	74,420	64,070	347,850	347,850
Maple Springs	171	0	1,879	1,350	1,958	839	96	0	0	1,719	0	32,944	16,328	57,113	57,284
Willow Springs	0	0	0	0	0	0	0	0	0	0	0	68,290	54,070	122,360	122,360
Brookside Springs	0	0	11,510	9,830	5,130	3,400	3,740	2,800	0	0	0	32,000	36,710	105,120	105,120
Hillside Springs	2,470	5,210	2,550	0	0	0	0	0	0	0	0	0	0	7,760	10,230
Pinecrest	11,830	12,430	15,680	14,050	11,780	9,360	7,270	5,310	4,890	34,220	27,130	83,050	84,140	309,310	321,140
Pinecrest Vertical	103,930	95,570	48,930	0	96,020	113,010	47,580	109,210	83,450	97,250	92,760	146,310	164,870	1,094,960	1,198,890
Cypress Vertical	52,850	113,710	99,000	93,510	86,590	85,650	88,250	85,450	85,190	87,800	82,470	90,810	83,430	1,081,860	1,134,710
Anderson Vertical	8,545	517	97,688	120,567	107,490	11,341	6,205	0	0	0	119,791	136,809	130,872	731,280	739,825
Division 10 Totals	295,746	336,107	419,716	371,008	428,120	339,610	270,021	314,412	288,810	488,301	506,301	831,537	689,750	5,283,693	5,579,439
<b>Division 20</b>															
Wilson Springs #1 & 2	57,211	56,677	69,321	65,038	61,273	60,730	59,563	55,399	55,366	68,435	77,620	114,448	120,999	864,869	922,080
Wilson Vertical	80,300	45,800	96,300	114,300	111,700	112,200	110,200	109,400	78,300	1,300	54,300	120,130	130,227	1,084,157	1,164,457
Felsen Vertical	207,470	123,870	132,060	67,434	178,237	112,363	116,928	111,934	90,756	62,825	99,466	15,372	129,320	1,240,565	1,448,035
Horst	29,432	28,761	33,696	30,771	28,170	27,120	26,608	22,690	25,724	27,287	33,458	51,446	59,343	395,074	424,506
Jewell No. 64	40,156	84,564	73,993	64,965	62,466	62,939	66,528	62,680	64,069	72,455	69,505	82,502	64,753	831,419	871,575
Cathcart	18,210	17,363	20,096	18,274	16,704	15,773	15,967	12,652	17,745	23,477	26,872	31,016	27,489	243,428	261,638
Bergschrund	2,524	2,134	1,937	977	155	0	0	0	0	0	0	23,901	23,719	52,823	55,347
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	32,580	30,860	37,860	34,760	26,960	34,370	34,830	33,080	32,250	34,540	30,770	35,160	31,940	397,380	429,960
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	2,416	4,621	4,944	1,155	1,322	0	0	0	0	0	0	0	0	12,042	14,458
Division 20 Totals	470,299	394,650	470,207	397,674	486,987	425,495	430,624	407,835	364,210	290,319	391,991	473,975	587,790	5,121,757	5,592,056
<b>Total District Sources</b>	<b>766,045</b>	<b>730,757</b>	<b>889,923</b>	<b>768,682</b>	<b>915,107</b>	<b>765,105</b>	<b>700,645</b>	<b>722,247</b>	<b>653,020</b>	<b>778,620</b>	<b>898,292</b>	<b>1,305,512</b>	<b>1,277,540</b>	<b>10,405,450</b>	<b>11,171,495</b>
<b>C.L.A.W.A.</b>															
Crest Forest 6"	327,005	305,481	392,647	369,786	338,636	438,770	419,385	399,064	394,519	393,048	255,882	244,251	44,118	3,995,587	4,322,592
Mile High Park 2"	163,342	33,864	0	0	0	0	0	0	0	0	0	0	0	33,864	197,206
Mile High Park 4"	0	118,449	254,545	339,305	287,834	268,850	233,289	231,818	180,080	173,797	160,428	184,492	163,636	2,596,523	2,596,523
Pinecrest 2"	0	89,813	0	0	0	187	0	0	0	0	0	112,981	364,118	567,099	567,099
Pinecrest 4"	555,214	270,588	1,337,433	1,449,332	1,289,171	1,212,567	1,091,444	731,016	744,786	821,658	534,626	160,160	0	9,642,781	10,197,995
Lake Drive 2"	0	11,070	0	102,447	5,254	0	0	0	0	0	0	0	0	118,771	118,771
Lake Drive 4"	0	28,075	0	0	0	0	0	0	0	0	0	0	0	28,075	28,075
Camp Seely	24,198	45,856	90,642	65,642	68,449	21,791	47,326	58,155	44,385	0	0	0	75,267	517,513	541,711
<b>C.L.A.W.A. Totals</b>	<b>1,069,759</b>	<b>903,196</b>	<b>2,075,267</b>	<b>2,326,512</b>	<b>1,989,344</b>	<b>1,942,165</b>	<b>1,791,444</b>	<b>1,420,053</b>	<b>1,363,770</b>	<b>1,388,503</b>	<b>950,936</b>	<b>701,884</b>	<b>647,139</b>	<b>17,500,213</b>	<b>18,569,972</b>
<b>Grand Totals</b>	<b>1,835,804</b>	<b>1,633,953</b>	<b>2,965,190</b>	<b>3,095,194</b>	<b>2,904,451</b>	<b>2,707,270</b>	<b>2,492,089</b>	<b>2,142,300</b>	<b>2,016,790</b>	<b>2,167,123</b>	<b>1,849,228</b>	<b>2,007,396</b>	<b>1,924,679</b>	<b>27,905,663</b>	<b>29,741,467</b>

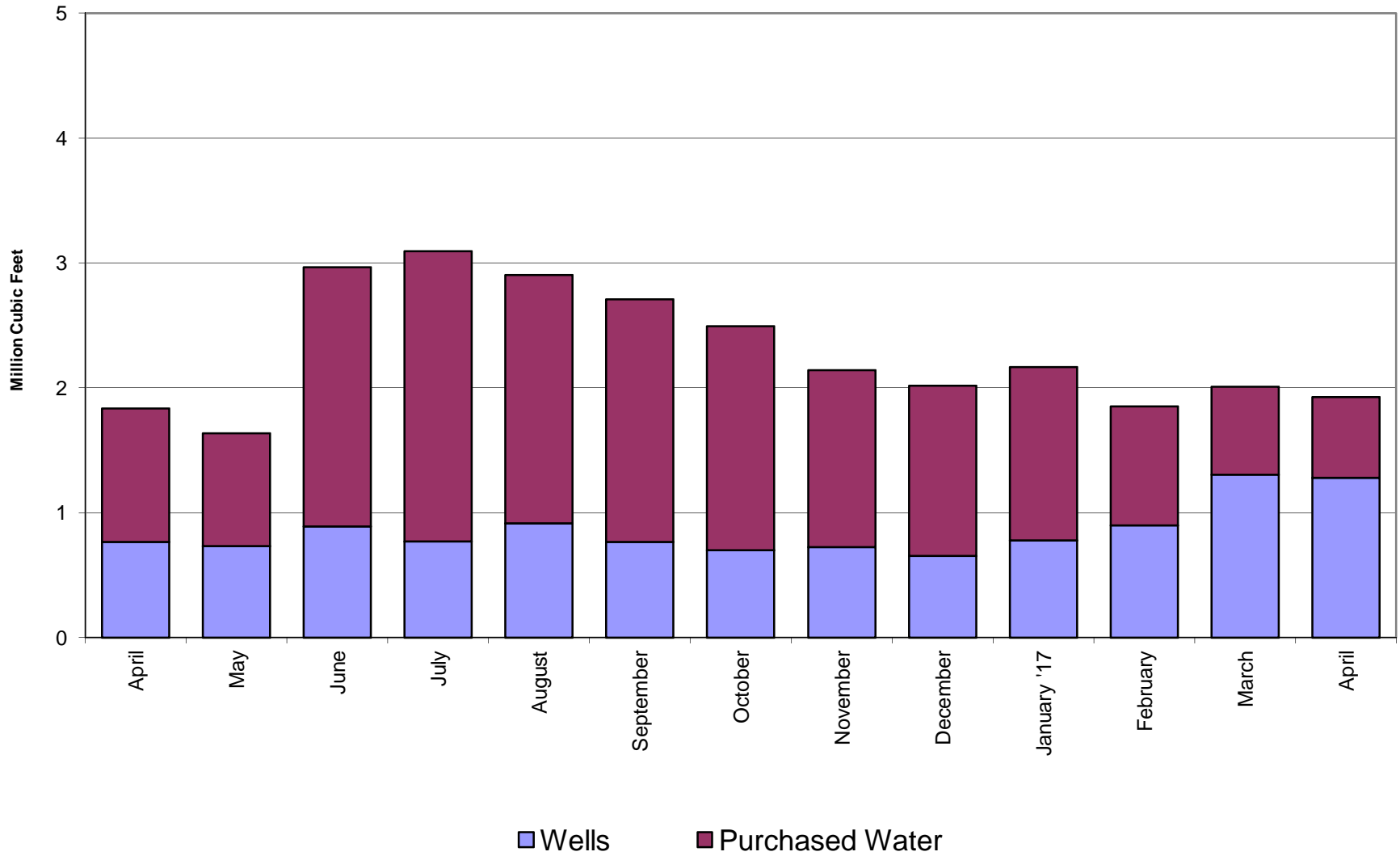
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<b>District Sources</b>															
Division 10	295,746	336,107	419,716	371,008	428,120	339,610	270,021	314,412	288,810	488,301	506,301	831,537	689,750	5,283,693	5,579,439
Division 20	470,299	394,650	470,207	397,674	486,987	425,495	430,624	407,835	364,210	290,319	391,991	473,975	587,790	5,121,757	5,592,056
<b>Total</b>	<b>766,045</b>	<b>730,757</b>	<b>889,923</b>	<b>768,682</b>	<b>915,107</b>	<b>765,105</b>	<b>700,645</b>	<b>722,247</b>	<b>653,020</b>	<b>778,620</b>	<b>898,292</b>	<b>1,305,512</b>	<b>1,277,540</b>	<b>10,405,450</b>	<b>11,171,495</b>
Division 10	38.61%	45.99%	47.16%	48.27%	46.78%	44.39%	38.54%	43.53%	44.23%	62.71%	56.36%	63.69%	53.99%	50.78%	49.94%
Division 20	61.39%	54.01%	52.84%	51.73%	53.22%	55.61%	61.46%	56.47%	55.77%	37.29%	43.64%	36.31%	46.01%	49.22%	50.06%
<b>Total</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</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	766,045	730,757	889,923	768,682	915,107	765,105	700,645	722,247	653,020	778,620	898,292	1,305,512	1,277,540	10,405,450	11,171,495
C.L.A.W.A.	1,069,759	903,196	2,075,267	2,326,512	1,989,344	1,942,165	1,791,444	1,420,053	1,363,770	1,388,503	950,936	701,884	647,139	17,500,213	18,569,972
<b>Total Sources</b>	<b>1,835,804</b>	<b>1,633,953</b>	<b>2,965,190</b>	<b>3,095,194</b>	<b>2,904,451</b>	<b>2,707,270</b>	<b>2,492,089</b>	<b>2,142,300</b>	<b>2,016,790</b>	<b>2,167,123</b>	<b>1,849,228</b>	<b>2,007,396</b>	<b>1,924,679</b>	<b>27,905,663</b>	<b>29,741,467</b>
District Sources	41.73%	44.72%	30.01%	24.83%	31.51%	28.26%	28.11%	33.71%	32.38%	35.93%	48.58%	65.04%	66.38%	37.29%	37.56%
C.L.A.W.A.	58.27%	55.28%	69.99%	75.17%	68.49%	71.74%	71.89%	66.29%	67.62%	64.07%	51.42%	34.96%	33.62%	62.71%	62.44%
<b>Total Sources</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

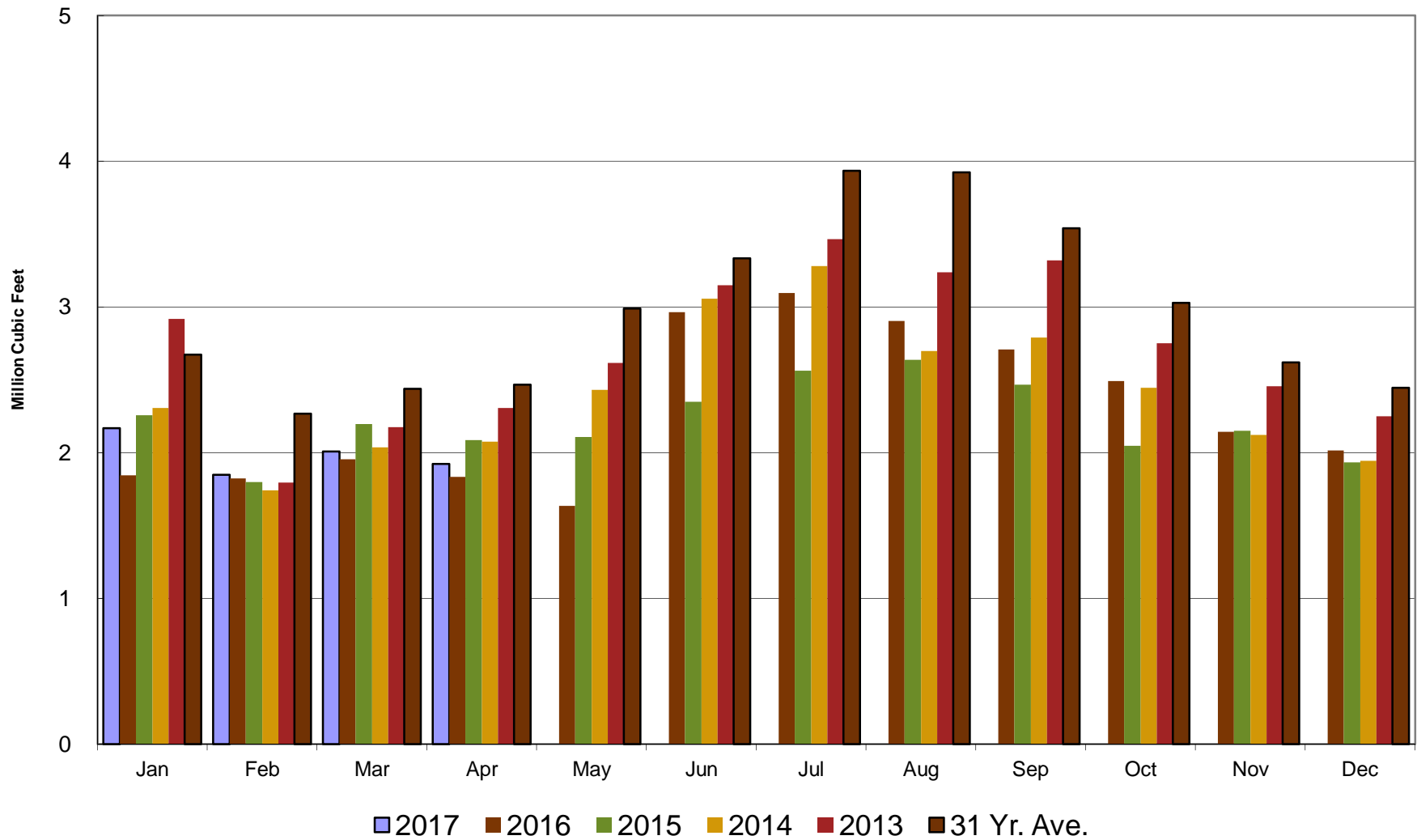
# Crestline Village Water District

## Water Sources - Last 13 Months



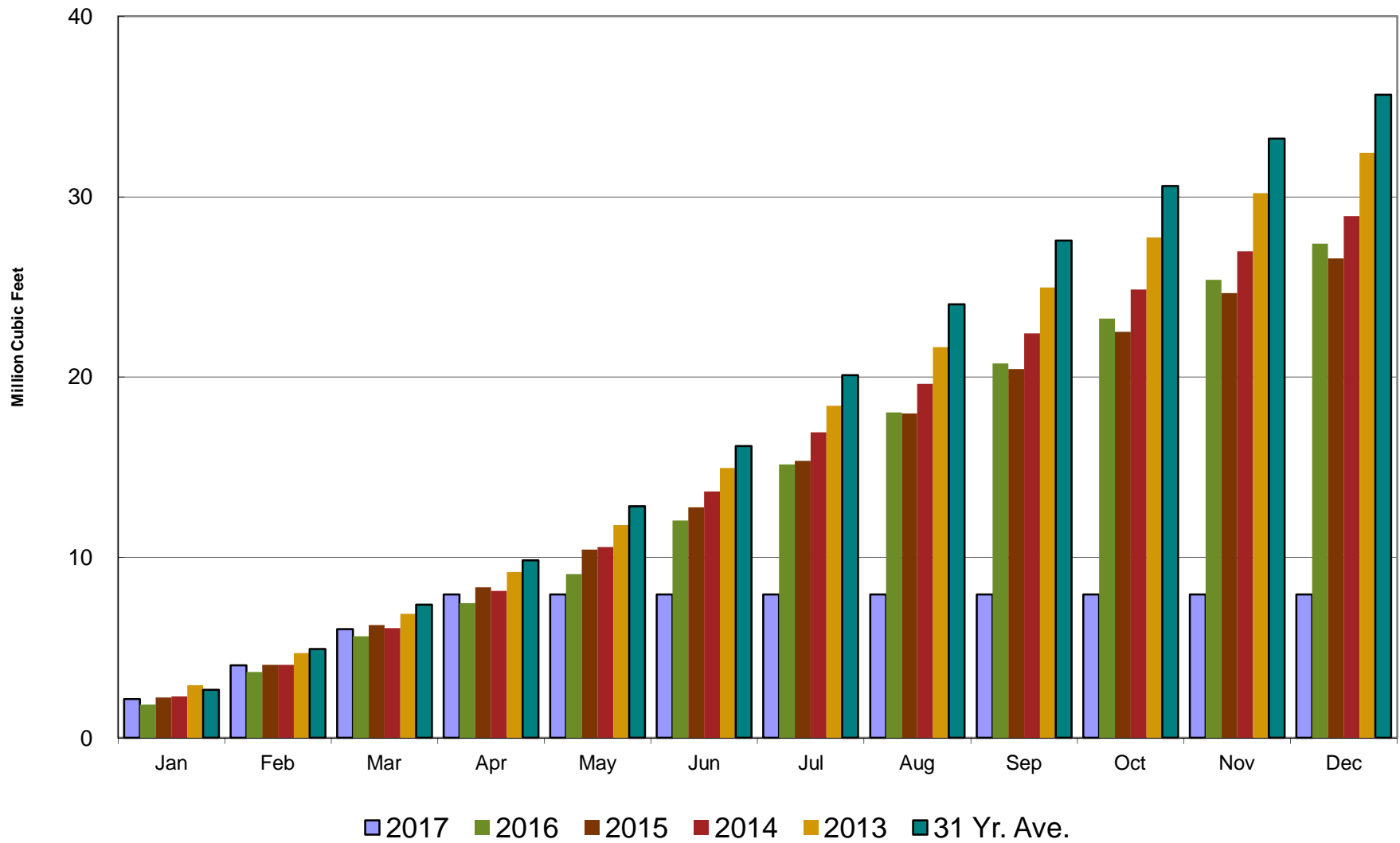
# Crestline Village Water District

## Total Production by Month



# Crestline Village Water District

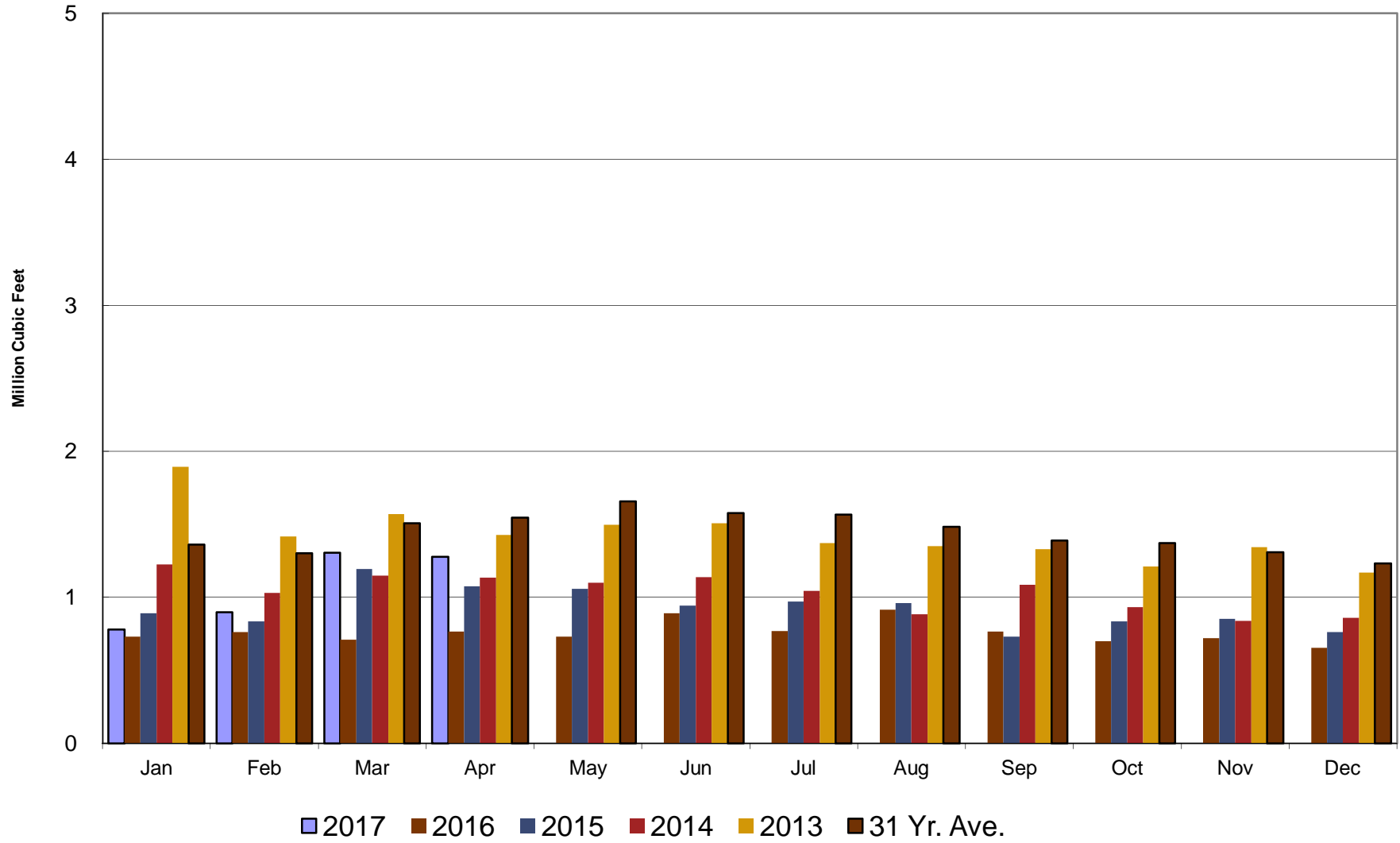
## Total Production Cumulative





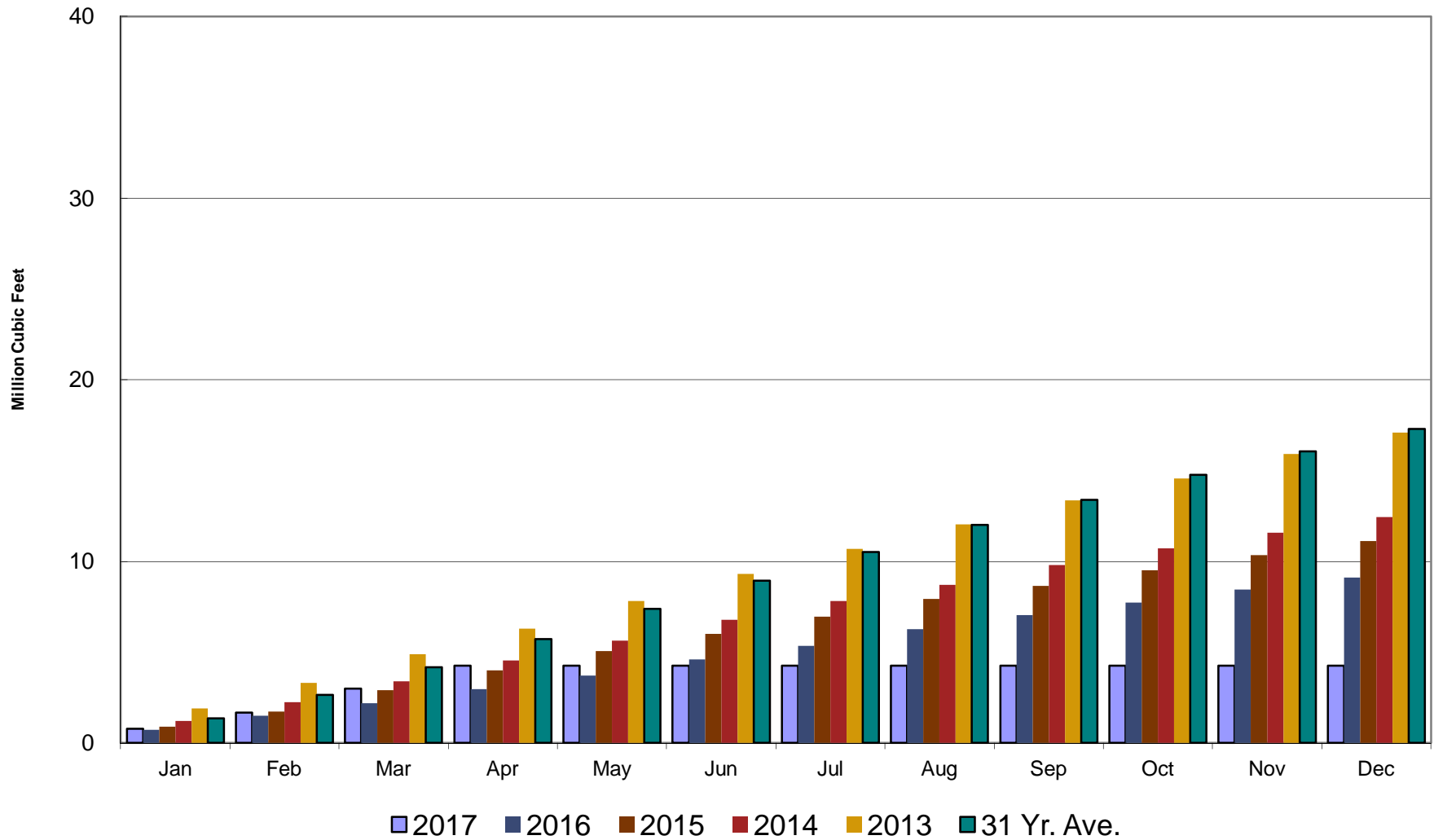
# Crestline Village Water District

## Well Production by Month



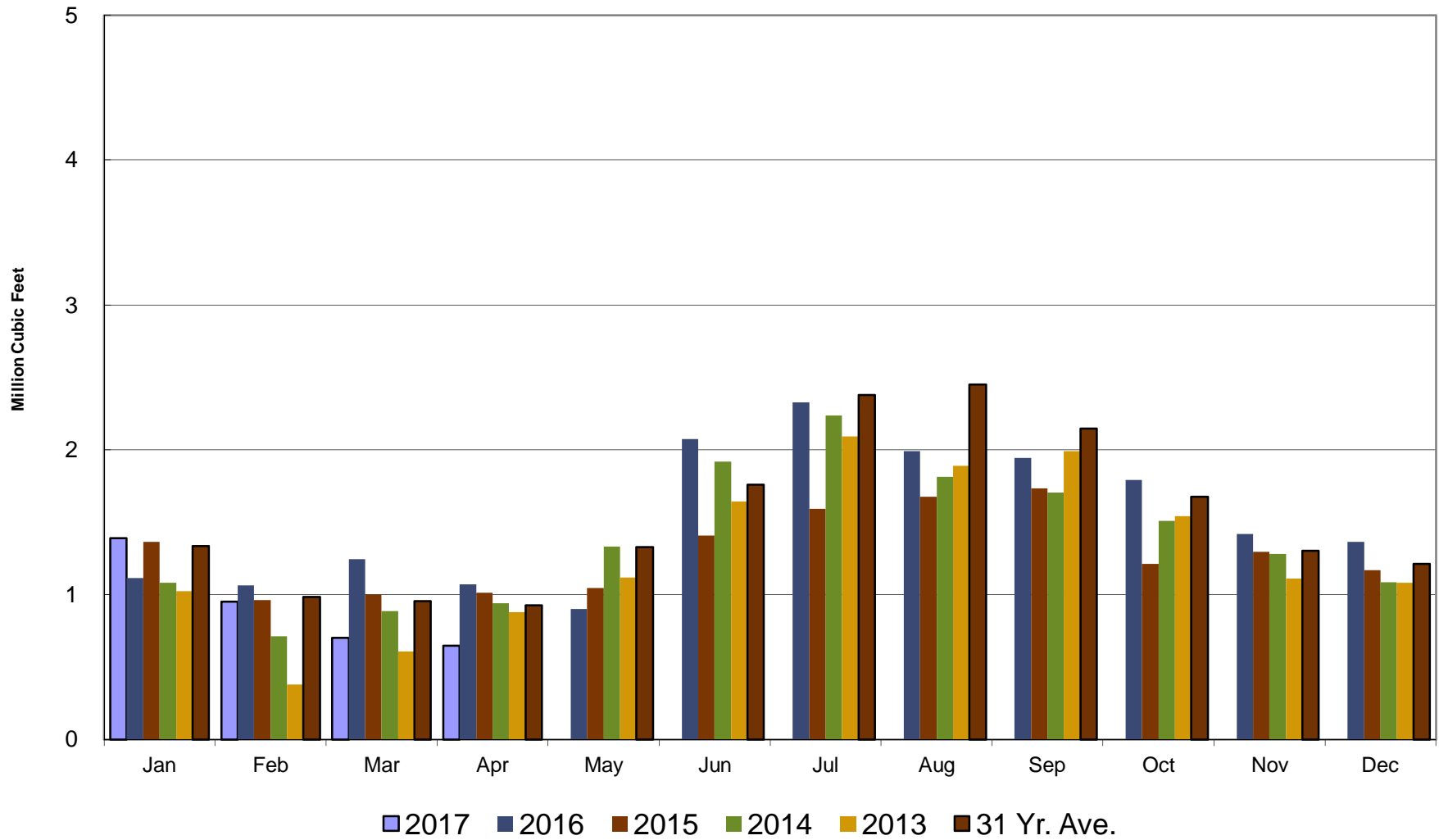
# Crestline Village Water District

## Well Production Cumulative



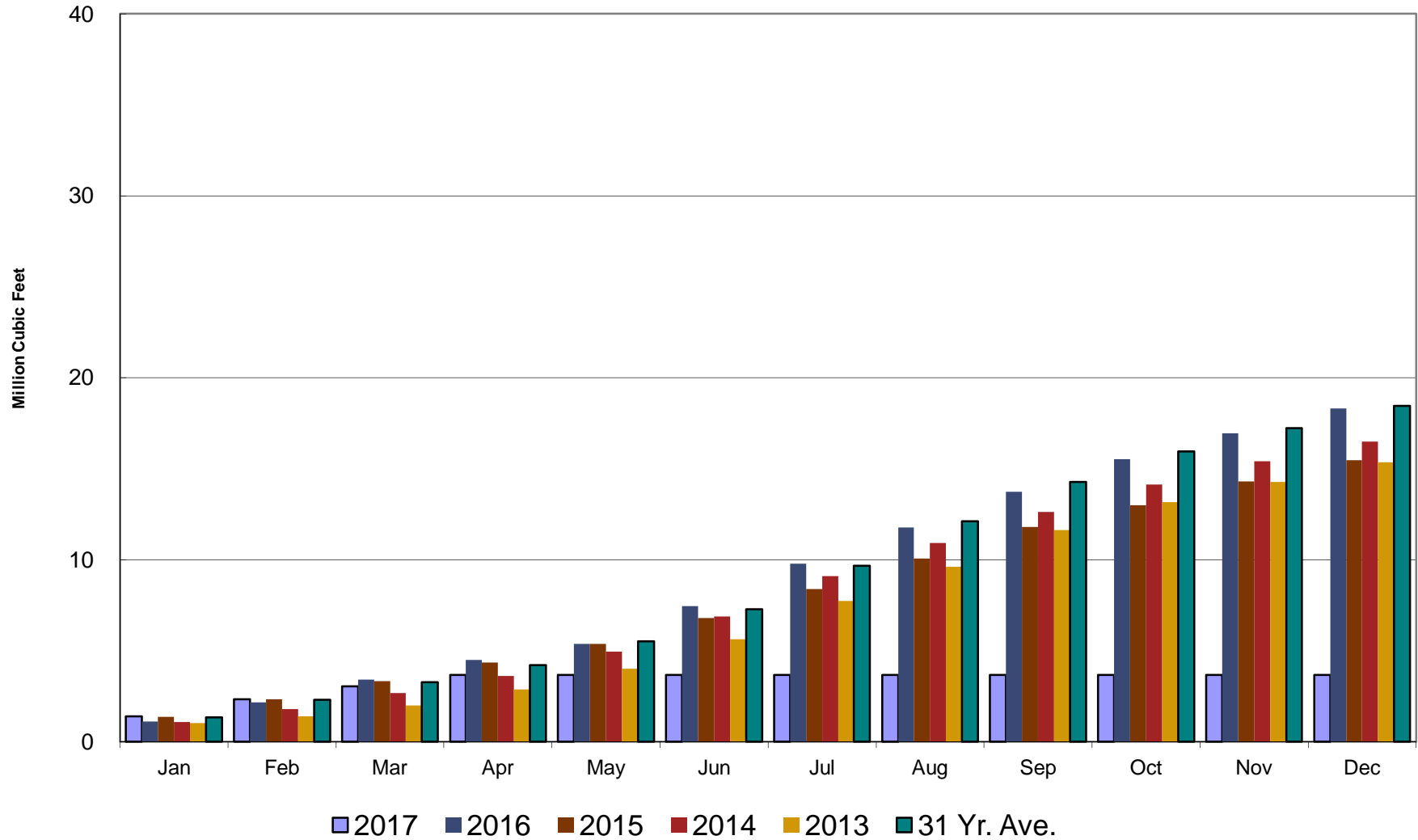
# Crestline Village Water District

## Purchased Water by Month



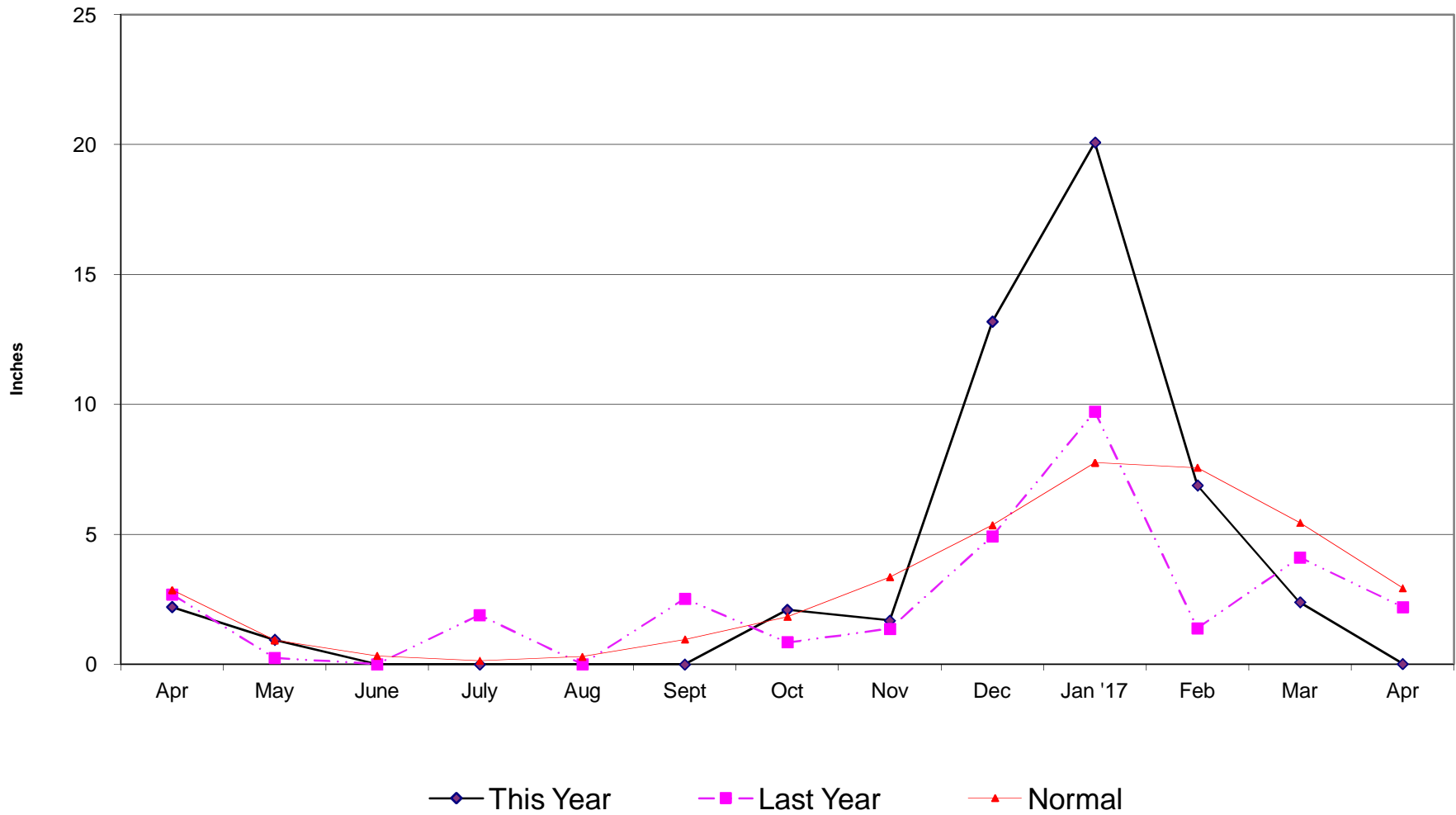
# Crestline Village Water District

## Purchased Water Cumulative



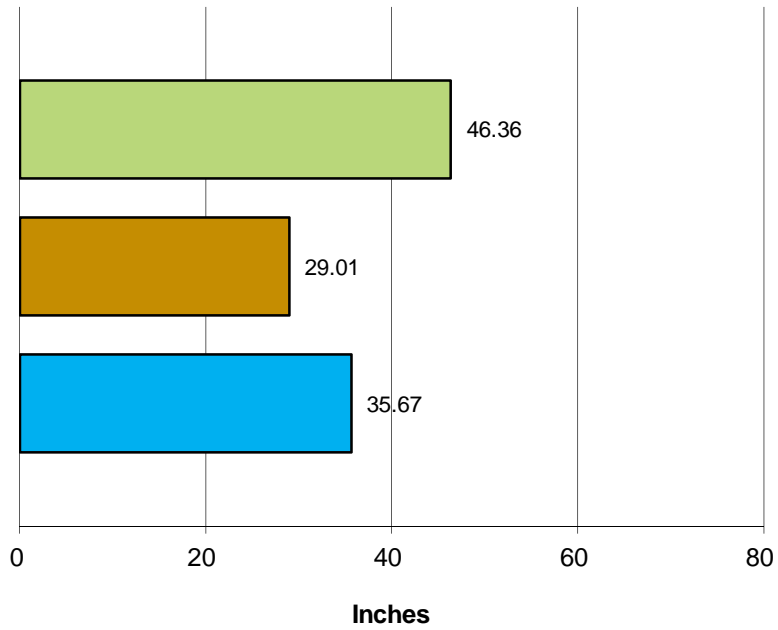
# Crestline Village Water District

## Rainfall - Last 13 Months



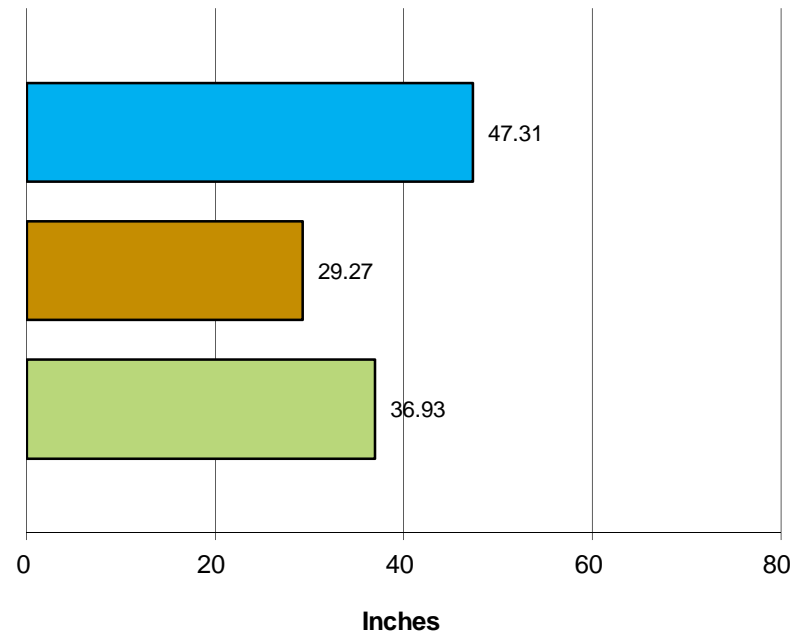
# Crestline Village Water District

## Total Rainfall July 1, 2016 to Beginning of Current Month



■ This Year ■ Last Year ■ Normal

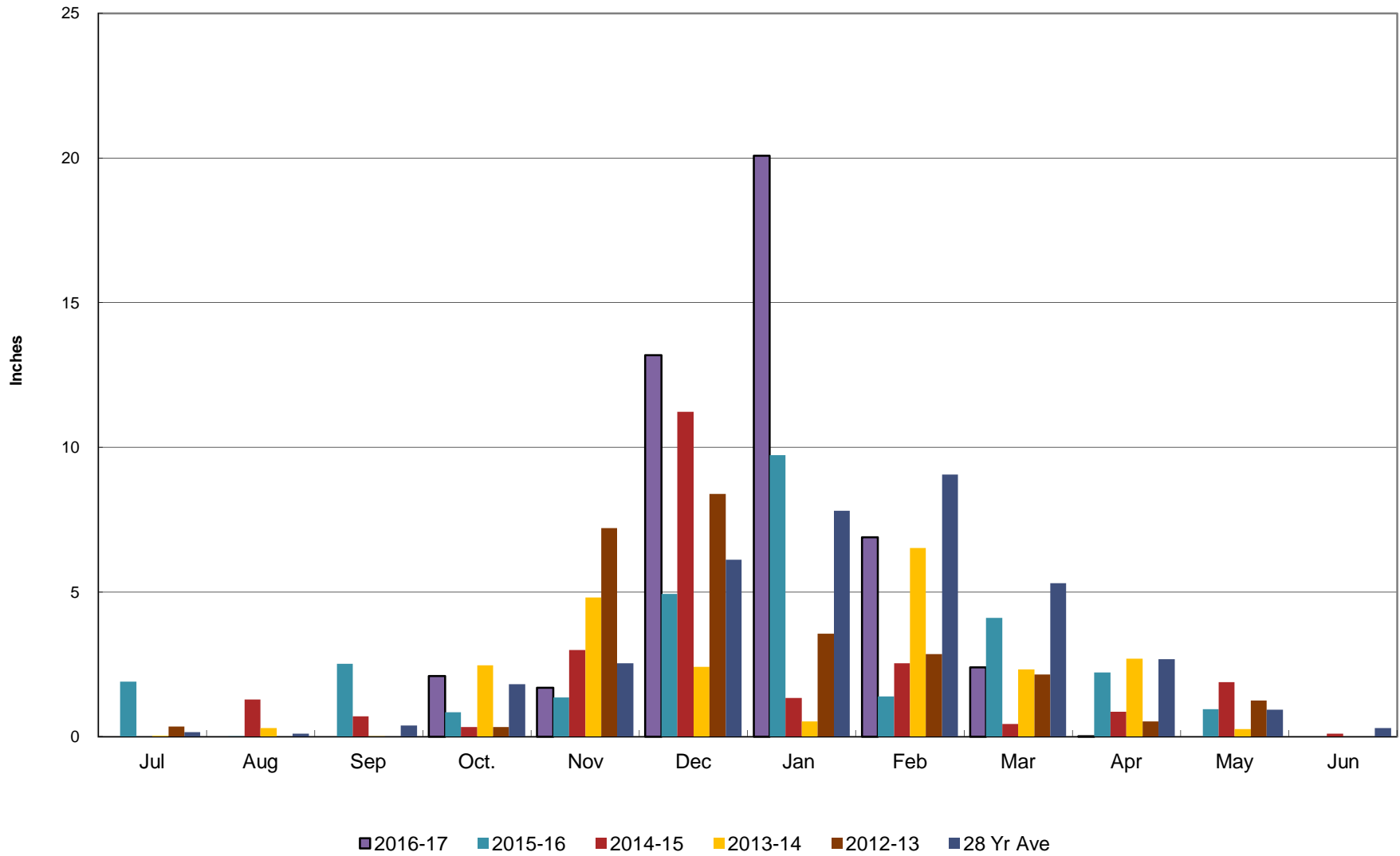
## Total Rainfall Last 12 Months



■ This Year ■ Last Year ■ Normal

# Crestline Village Water District

## Rainfall by Month



# Crestline Village Water District

## Rainfall Cumulative

