

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

04/17/17

	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan '17	Feb	Mar	Total
<b>Sources of Supply</b>														
Wells	710,788	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	10,604,743
Purchased Water	1,245,041	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	19,167,874
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Water Supplied</b>	<b>1,955,829</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>29,772,617</b>
<b>Water Used **</b>														
Metered Accounts														
Crestline Area	868,251	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	13,114,450
Lake Gregory Area	929,813	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	14,250,951
Change in Storage	43,622	(14,604)	(64,285)	63,211	39,580	(38,244)	(5,327)	(3,701)	(12,883)	(61,470)	71,324	19,087	(64,285)	(27,975)
Flushing, System & Other	36,219	17,589	16,751	16,052	14,609	15,269	15,829	14,439	15,041	18,450	14,439	14,439	17,567	226,692
<b>Accounted for Water</b>	<b>1,877,905</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>27,564,118</b>
<b>System Loss (CF)</b>	77,924	42,260	4,116	285,206	234,892	289,264	239,165	100,656	184,118	201,232	116,382	182,250	251,033	2,208,499
<b>System Loss (%)</b>	4.0%	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%
<b>System Loss (GPM)</b>	13.1	7.3	0.8	43.6	38.1	50.1	41.4	16.9	31.9	34.8	18.9	33.8	42.1	31.0
<b>Month to Month Averaging ***</b>														
<b>System Loss (CF)</b>	38,962	60,092	23,188	144,661	260,049	262,078	264,215	169,911	142,387	192,675	158,807	149,316	216,642	2,082,983
<b>System Loss (%)</b>	2.0%	3.1%	1.3%	4.9%	8.6%	8.8%	9.4%	6.4%	6.3%	9.3%	7.7%	7.6%	11.2%	7.0%
<b>System Loss (GPM)</b>	6.5	10.2	4.1	22.2	40.9	44.1	45.7	29.1	24.4	33.4	26.9	26.4	37.9	29.2
<b>Estimated Uses</b>														
Known leaks - Est. loss	2,005	1,334	0	37,656	18,048	7,580	3,850	3,658	0	674	866	1,925	28,107	105,704
<b>Total Estimated Uses</b>	<b>2,005</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>105,704</b>
<b>Unaccounted for Water (CF)</b>	75,919	40,926	4,116	247,551	216,844	281,684	235,315	96,998	184,118	200,559	115,516	180,325	222,926	2,102,795
<b>Unaccounted For (%)</b>	3.9%	2.2%	0.3%	8.4%	7.0%	9.7%	8.7%	3.9%	8.6%	9.9%	5.3%	9.8%	11.1%	7.1%
<b>Unaccounted For (GPM)</b>	12.7	7.1	0.8	37.8	35.2	48.8	40.7	16.3	31.9	34.7	18.8	33.5	37.4	29.5
<b>Number of Days in Period</b>	<b>31</b>	<b>30</b>	<b>27</b>	<b>34</b>	<b>32</b>	<b>30</b>	<b>30</b>	<b>31</b>	<b>30</b>	<b>30</b>	<b>32</b>	<b>28</b>	<b>31</b>	<b>370</b>

**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

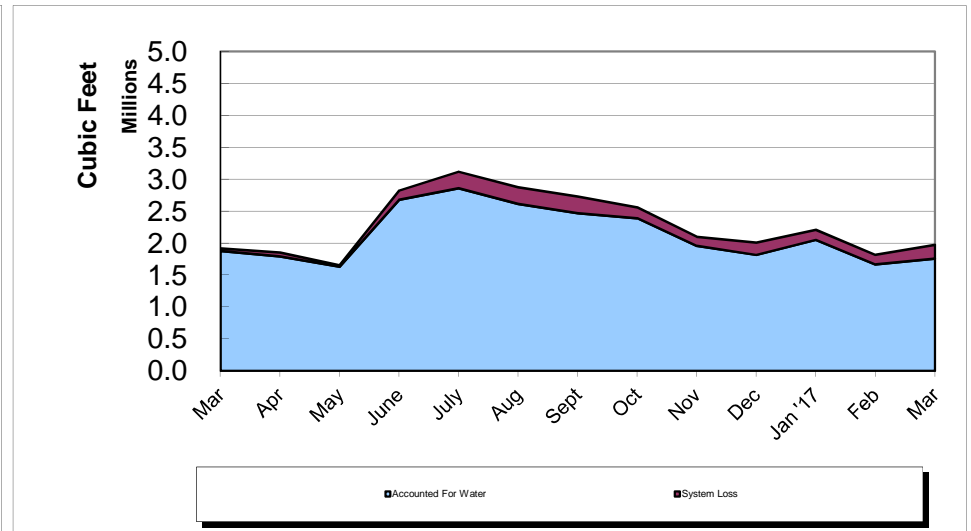
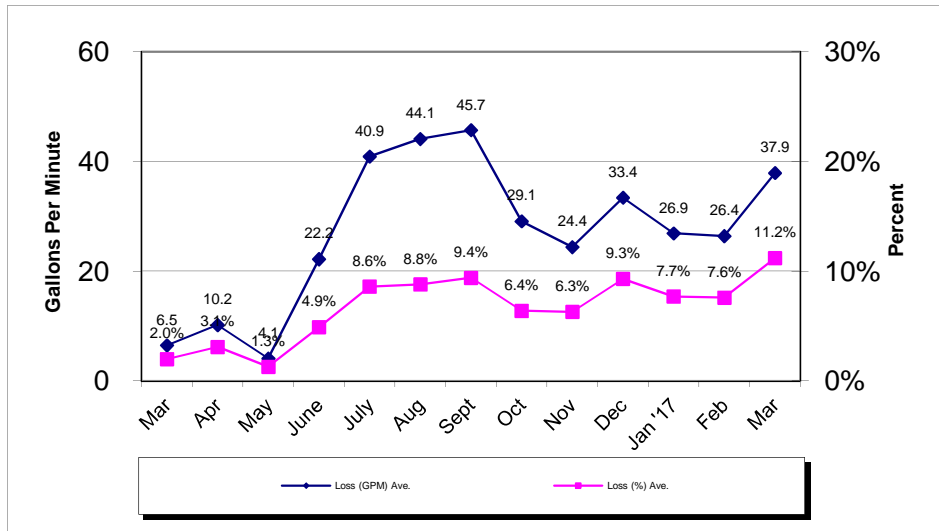
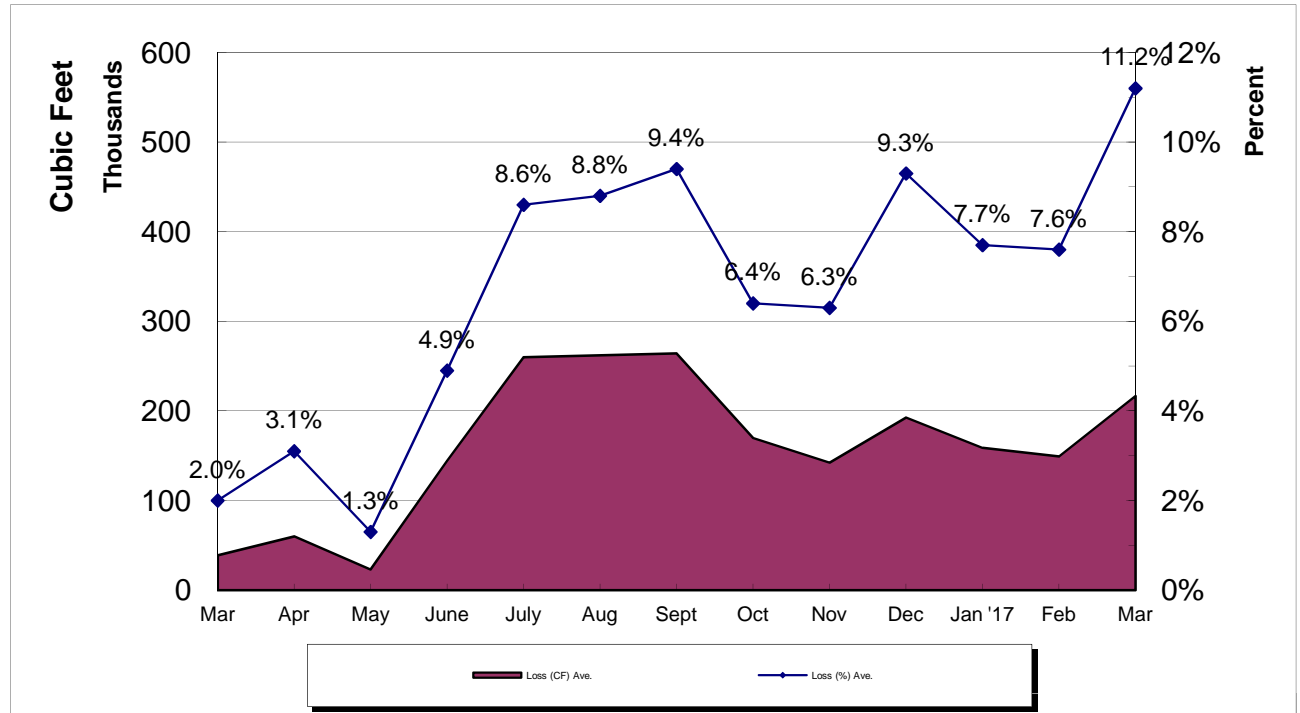
\*\*\* - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$5,719	\$4,230
Cost of 5% System Loss:	2,650	3,023
<b>Amount above (below) 5% System Loss</b>	<b>\$3,069</b>	<b>\$1,207</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: 03/31/17

For Month of: March 2017

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,754	18.90	316,651	82.17%
Saxon	337,674	14,681	17.80	261,322	77.39%
Pinecrest I & II	2,063,492	54,302	31.70	1,721,373	83.42%
Zurich	380,500	16,910	18.70	316,217	83.11%
Lakeview	1,230,212	27,959	36.80	1,028,891	83.64%
Old Mill	705,900	27,150	24.60	667,890	94.62%
Barn	444,443	19,753	17.40	343,702	77.33%
Wilson	983,681	33,920	25.30	858,176	87.24%
Chillon	337,674	14,681	16.90	248,109	73.48%
Brookside	748,067	28,772	18.80	540,914	72.31%
Chamois	1,026,532	39,482	21.10	833,070	81.15%
<b>Total</b>	<b>8,643,529</b>		<b>248.00</b>	<b>7,136,315</b>	<b>82.56%</b>

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	87,303	On
Pioneer-2	40,847	On
Pioneer-1	38,754	On
Old Mill Springs	74,420	On
Maple Springs	32,944	On
Willow Springs	68,290	On
Brookside Springs	32,000	On
Hillside Springs	0	Off
Pinecrest 1 & 2	83,050	On
Pinecrest Vertical	146,310	On
Cypress Vertical	90,810	On
Anderson Vertical	136,809	On
Wilson Springs 1 & 2	114,448	On
Wilson Vertical	120,130	On
Felsen Vertical	15,372	On
Horst	51,446	On
Jewel 64	82,502	On
Cathcart	31,016	On
Bergschrund	23,901	On
Chamois	0	Off
Chamois Vertical	35,160	On
	0	0
	0	0
	0	0
Lewter	0	Off
<b>Total</b>	<b>1,305,512</b>	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	21	50	(29)	-58.00%	244,251
Mile High 2"	0	0	0	0.00%	0
Mile High 4"	33	30	3	10.00%	184,492
Pinecrest 2"	37	70	(33)	-47.14%	112,981
Pinecrest 4"	0	0	0	0.00%	160,160
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%	0
<b>Total</b>	<b>91</b>	<b>150</b>	<b>(59)</b>	<b>-39.33%</b>	<b>701,884</b>

March Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	157.8	941,737		187.9	1,121,371
Actual M-T-D:	117.6	701,884		218.8	1,305,512
Over/(Under) Last Year:	(40.2)	(239,853.0)		30.9	184,141.0

Total	GPM	Cubic Feet
Last Year M-T-D:	345.7	2,063,108
Actual M-T-D:	336.4	2,007,396
Over/(Under) Last Year:	(9.3)	(55,712.0)

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

04/17/17

<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 '17</b>	<b>February</b>	<b>March</b>	<b>Last 12 Months</b>	<b>13 Months</b>
<b>Division 10</b>															
Altdorf	62,225	55,446	51,632	59,926	54,522	49,873	49,063	49,621	47,451	49,232	88,387	87,143	87,303	729,599	791,824
Pioneer #2	37,026	34,391	32,876	39,268	36,444	33,624	33,202	33,558	32,463	32,122	36,621	35,712	40,847	421,128	458,154
Pioneer #1	29,380	26,113	24,162	27,775	24,745	22,175	21,515	21,741	20,908	23,026	84,684	445	38,754	336,043	365,423
Old Mill Springs	0	0	0	15,510	15,990	13,480	12,230	11,960	10,820	10,900	57,620	60,850	74,420	283,780	283,780
Maple Springs	171	171	0	1,879	1,350	1,958	839	96	0	0	1,719	0	32,944	40,956	41,127
Willow Springs	0	0	0	0	0	0	0	0	0	0	0	0	68,290	68,290	68,290
Brookside Springs	0	0	0	11,510	9,830	5,130	3,400	3,740	2,800	0	0	0	32,000	68,410	68,410
Hillside Springs	4,180	2,470	5,210	2,550	0	0	0	0	0	0	0	0	0	10,230	14,410
Pinecrest	10,470	11,830	12,430	15,680	14,050	11,780	9,360	7,270	5,310	4,890	34,220	27,130	83,050	237,000	247,470
Pinecrest Vertical	45,680	103,930	95,570	48,930	0	96,020	113,010	47,580	109,210	83,450	97,250	92,760	146,310	1,034,020	1,079,700
Cypress Vertical	91,040	52,850	113,710	99,000	93,510	86,590	85,650	88,250	85,450	85,190	87,800	82,470	90,810	1,051,280	1,142,320
Anderson Vertical	400	8,545	517	97,688	120,567	107,490	11,341	6,205	0	0	0	119,791	136,809	608,953	609,353
Division 10 Totals	280,572	295,746	336,107	419,716	371,008	428,120	339,610	270,021	314,412	288,810	488,301	506,301	831,537	4,889,689	5,170,261
<b>Division 20</b>															
Wilson Springs #1 & 2	61,489	57,211	56,677	69,321	65,038	61,273	60,730	59,563	55,399	55,366	68,435	77,620	114,448	801,081	862,570
Wilson Vertical	109,400	80,300	45,800	96,300	114,300	111,700	112,200	110,200	109,400	78,300	1,300	54,300	120,130	1,034,230	1,143,630
Felsen Vertical	96,670	207,470	123,870	132,060	67,434	178,237	112,363	116,928	111,934	90,756	62,825	99,466	15,372	1,318,715	1,415,385
Horst	32,131	29,432	28,761	33,696	30,771	28,170	27,120	26,608	22,690	25,724	27,287	33,458	51,446	365,163	397,294
Jewell No. 64	67,728	40,156	84,564	73,993	64,965	62,466	62,939	66,528	62,680	64,069	72,455	69,505	82,502	806,822	874,550
Cathcart	20,634	18,210	17,363	20,096	18,274	16,704	15,773	15,967	12,652	17,745	23,477	26,872	31,016	234,149	254,783
Bergschrund	3,053	2,524	2,134	1,937	977	155	0	0	0	0	0	0	23,901	31,628	34,681
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	34,940	32,580	30,860	37,860	34,760	26,960	34,370	34,830	33,080	32,250	34,540	30,770	35,160	398,020	432,960
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	4,171	2,416	4,621	4,944	1,155	1,322	0	0	0	0	0	0	0	14,458	18,629
Division 20 Totals	430,216	470,299	394,650	470,207	397,674	486,987	425,495	430,624	407,835	364,210	290,319	391,991	473,975	5,004,266	5,434,482
<b>Total District Sources</b>	<b>710,788</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>9,893,955</b>	<b>10,604,743</b>
<b>C.L.A.W.A.</b>															
Crest Forest 6"	350,000	327,005	305,481	392,647	369,786	338,636	438,770	419,385	399,064	394,519	393,048	255,882	244,251	4,278,474	4,628,474
Mile High Park 2"	176,190	163,342	33,864	0	0	0	0	0	0	0	0	0	0	197,206	373,396
Mile High Park 4"	0	0	118,449	254,545	339,305	287,834	268,850	233,289	231,818	180,080	173,797	160,428	184,492	2,432,887	2,432,887
Pinecrest 2"	0	0	89,813	0	0	0	187	0	0	0	0	0	112,981	202,981	202,981
Pinecrest 4"	692,781	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	10,197,995	10,890,776
Lake Drive 2"	0	0	11,070	0	102,447	5,254	0	0	0	0	0	0	0	118,771	118,771
Lake Drive 4"	0	0	28,075	0	0	0	0	0	0	0	0	0	0	28,075	28,075
Camp Seely	26,070	24,198	45,856	90,642	65,642	68,449	21,791	47,326	58,155	44,385	0	0	0	466,444	492,514
<b>C.L.A.W.A. Totals</b>	<b>1,245,041</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>17,922,833</b>	<b>19,167,874</b>
<b>Grand Totals</b>	<b>1,955,829</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>27,816,788</b>	<b>29,772,617</b>

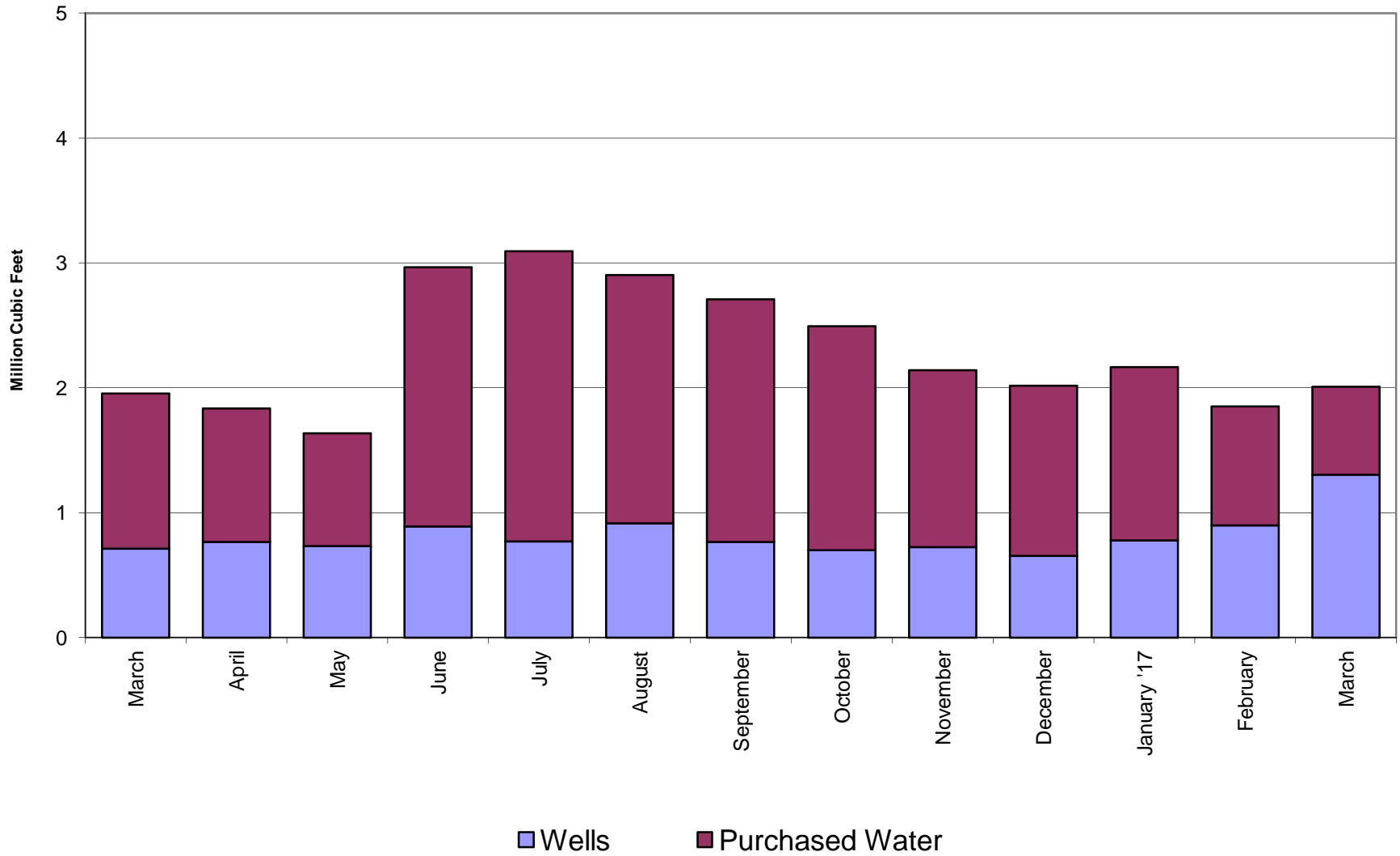
**Crestline Village Water District  
Source of Supply Production Report  
Cubic Feet  
Last 13 Months**

04/17/17

<u>Source Name</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 '17</u>	<u>February</u>	<u>March</u>	<u>Last 12 Months</u>	<u>13 Months</u>
<b>District Sources</b>															
Division 10	280,572	295,746	336,107	419,716	371,008	428,120	339,610	270,021	314,412	288,810	488,301	506,301	831,537	4,889,689	5,170,261
Division 20	430,216	470,299	394,650	470,207	397,674	486,987	425,495	430,624	407,835	364,210	290,319	391,991	473,975	5,004,266	5,434,482
<b>Total</b>	<b>710,788</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>9,893,955</b>	<b>10,604,743</b>
Division 10	39.47%	38.61%	45.99%	47.16%	48.27%	46.78%	44.39%	38.54%	43.53%	44.23%	62.71%	56.36%	63.69%	49.42%	48.75%
Division 20	60.53%	61.39%	54.01%	52.84%	51.73%	53.22%	55.61%	61.46%	56.47%	55.77%	37.29%	43.64%	36.31%	50.58%	51.25%
<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	710,788	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	9,893,955	10,604,743
C.L.A.W.A.	1,245,041	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	17,922,833	19,167,874
<b>Total Sources</b>	<b>1,955,829</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>27,816,788</b>	<b>29,772,617</b>
District Sources	36.34%	41.73%	44.72%	30.01%	24.83%	31.51%	28.26%	28.11%	33.71%	32.38%	35.93%	48.58%	65.04%	35.57%	35.62%
C.L.A.W.A.	63.66%	58.27%	55.28%	69.99%	75.17%	68.49%	71.74%	71.89%	66.29%	67.62%	64.07%	51.42%	34.96%	64.43%	64.38%
<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>

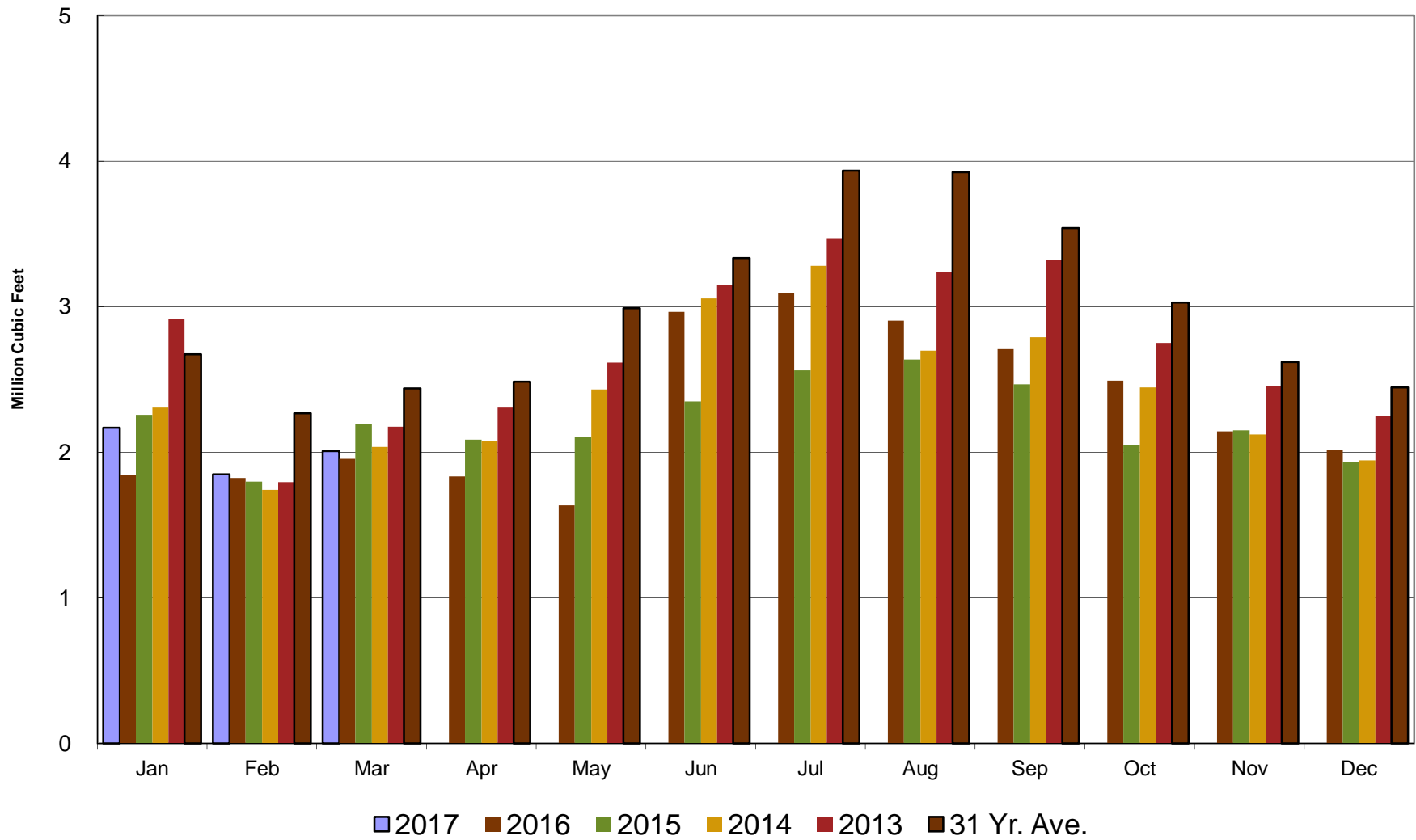
# Crestline Village Water District

## Water Sources - Last 13 Months



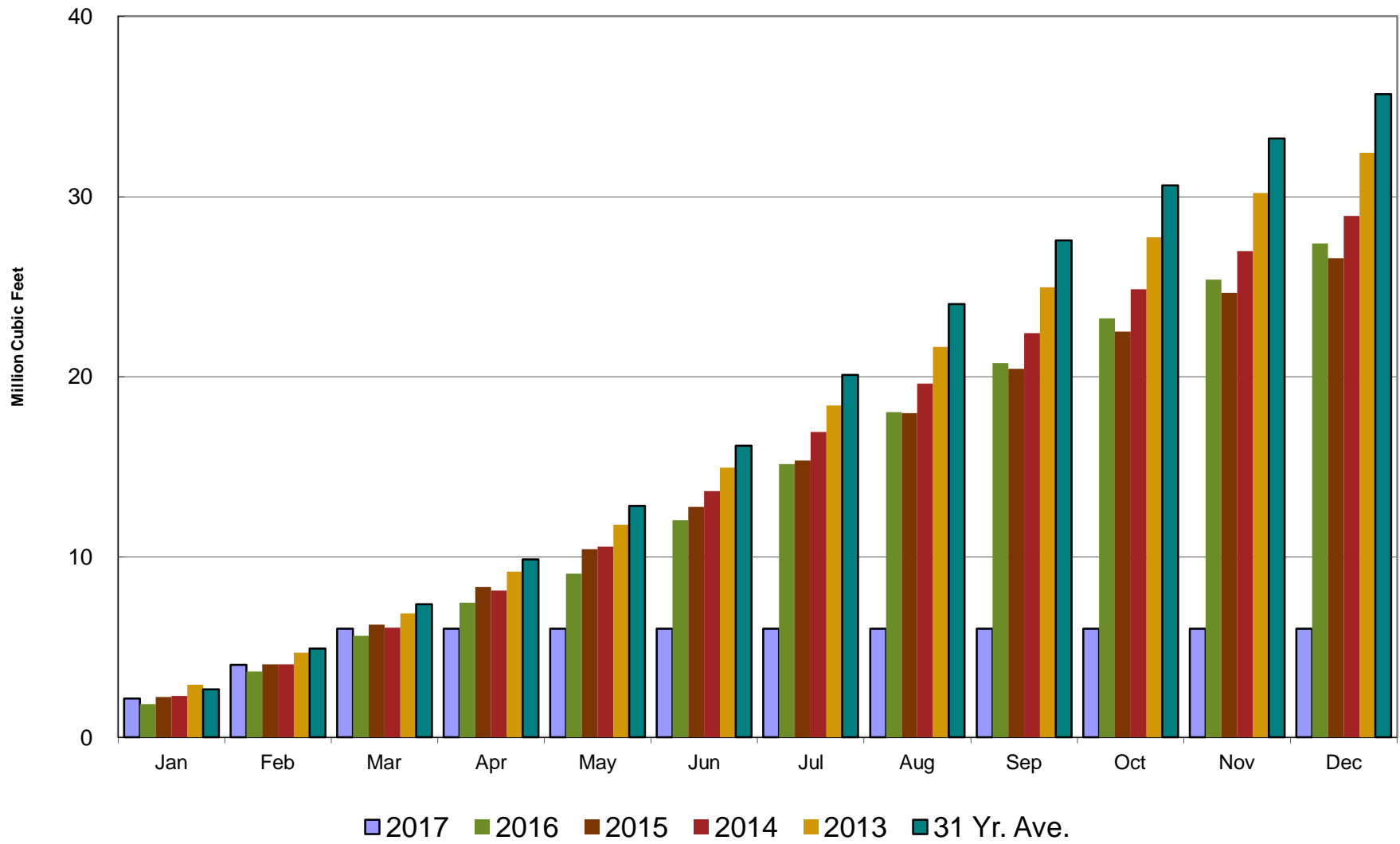
# Crestline Village Water District

## Total Production by Month



# Crestline Village Water District

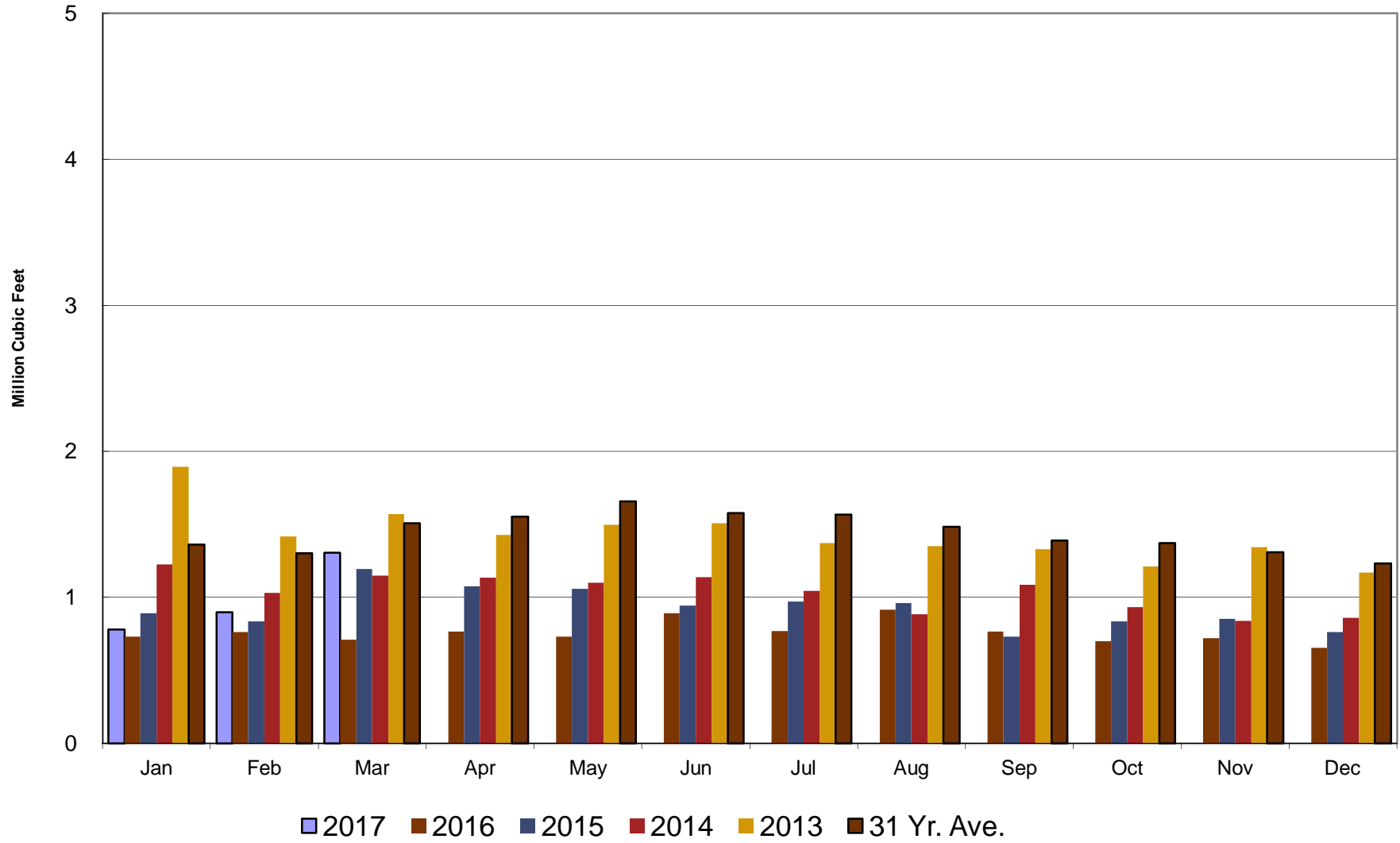
## Total Production Cumulative





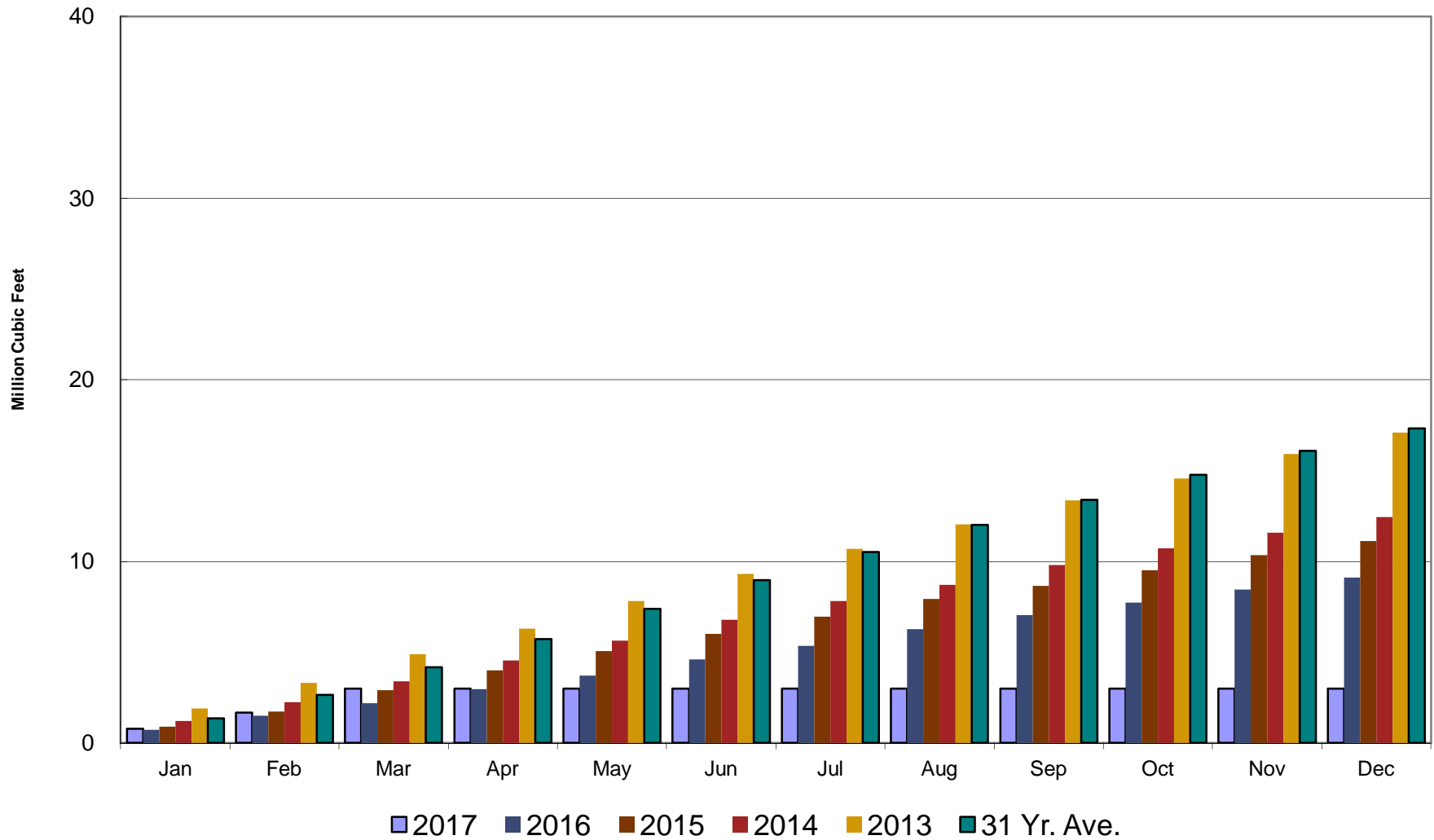
# Crestline Village Water District

## Well Production by Month



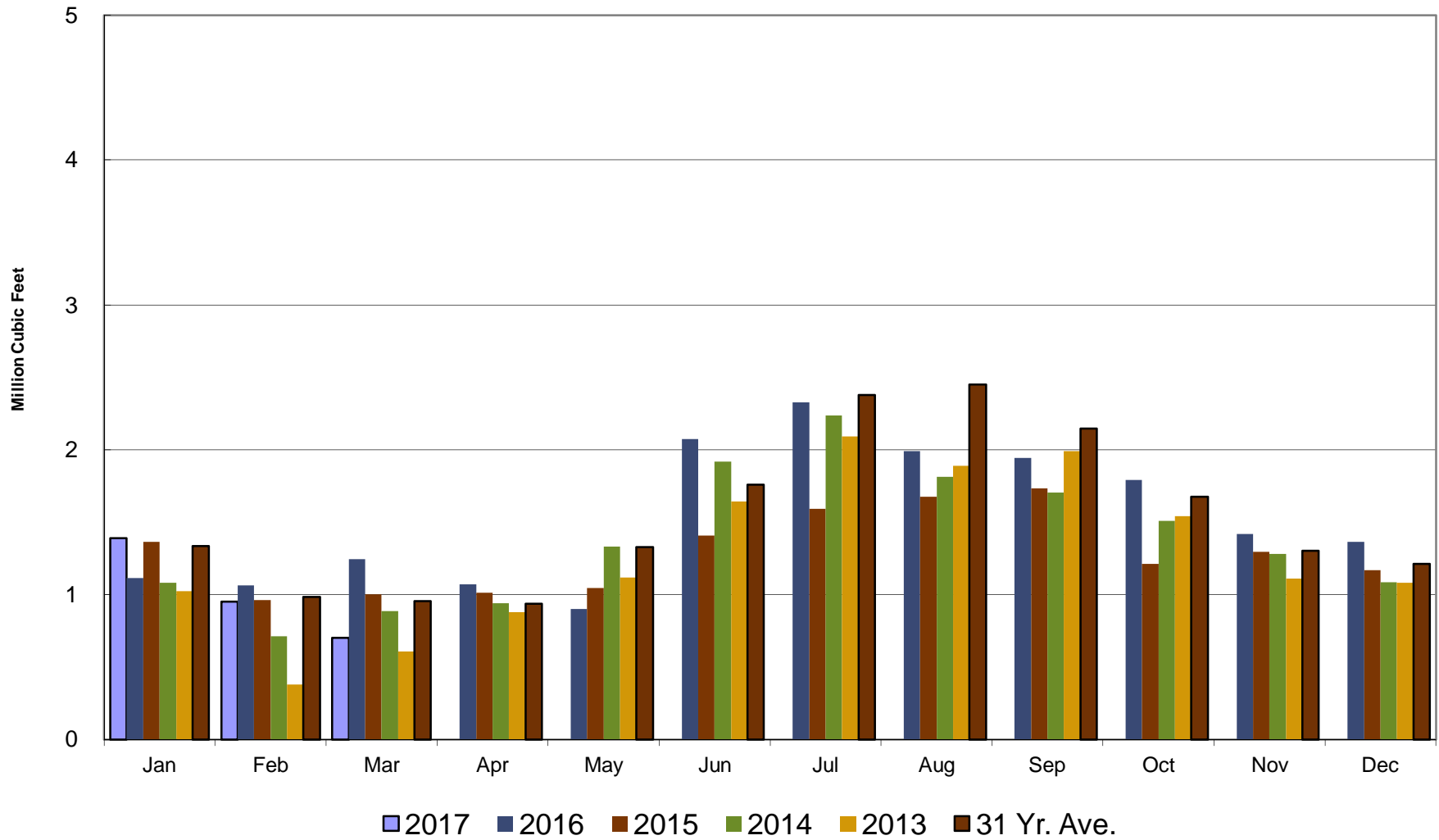
# Crestline Village Water District

## Well Production Cumulative



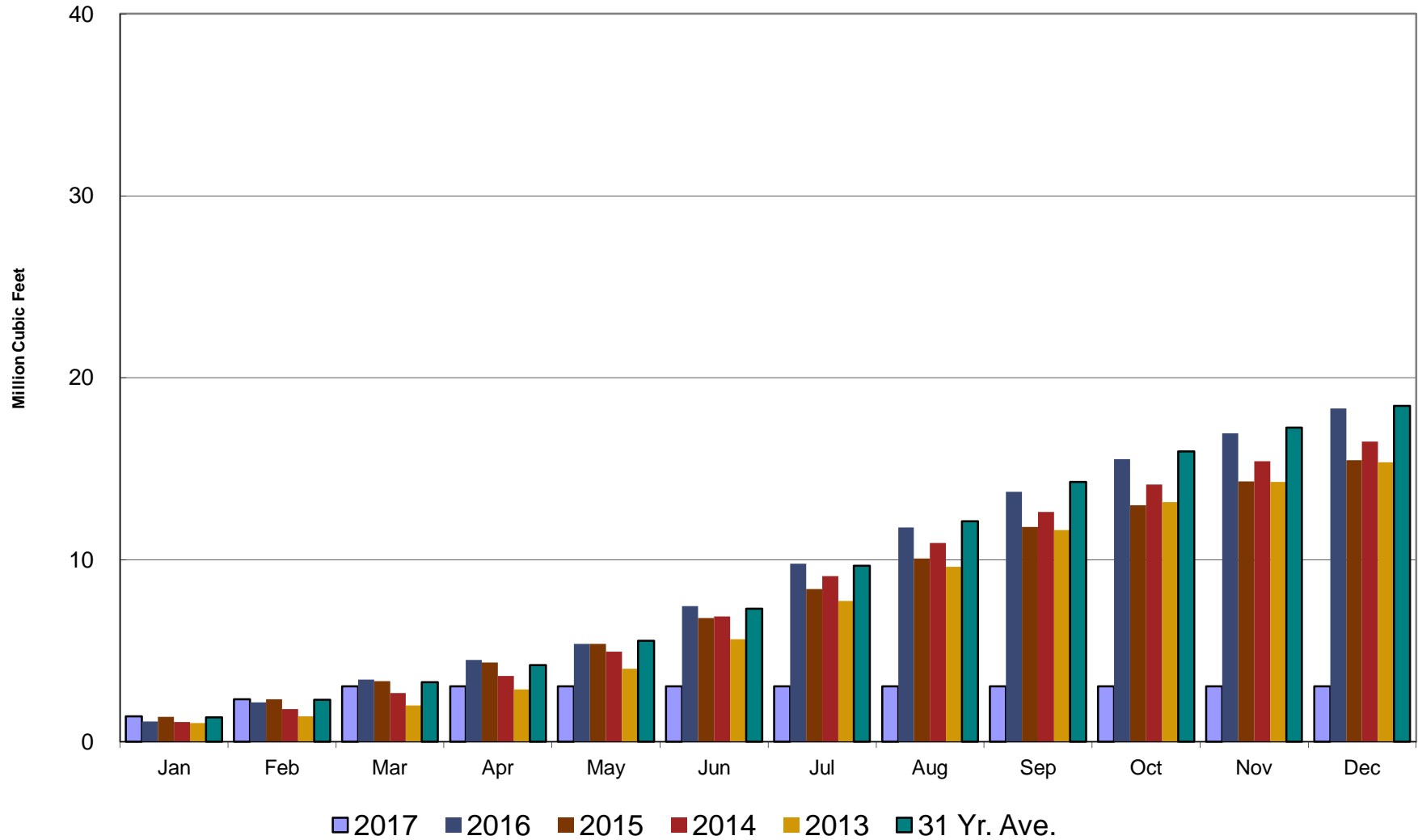
# Crestline Village Water District

## Purchased Water by Month



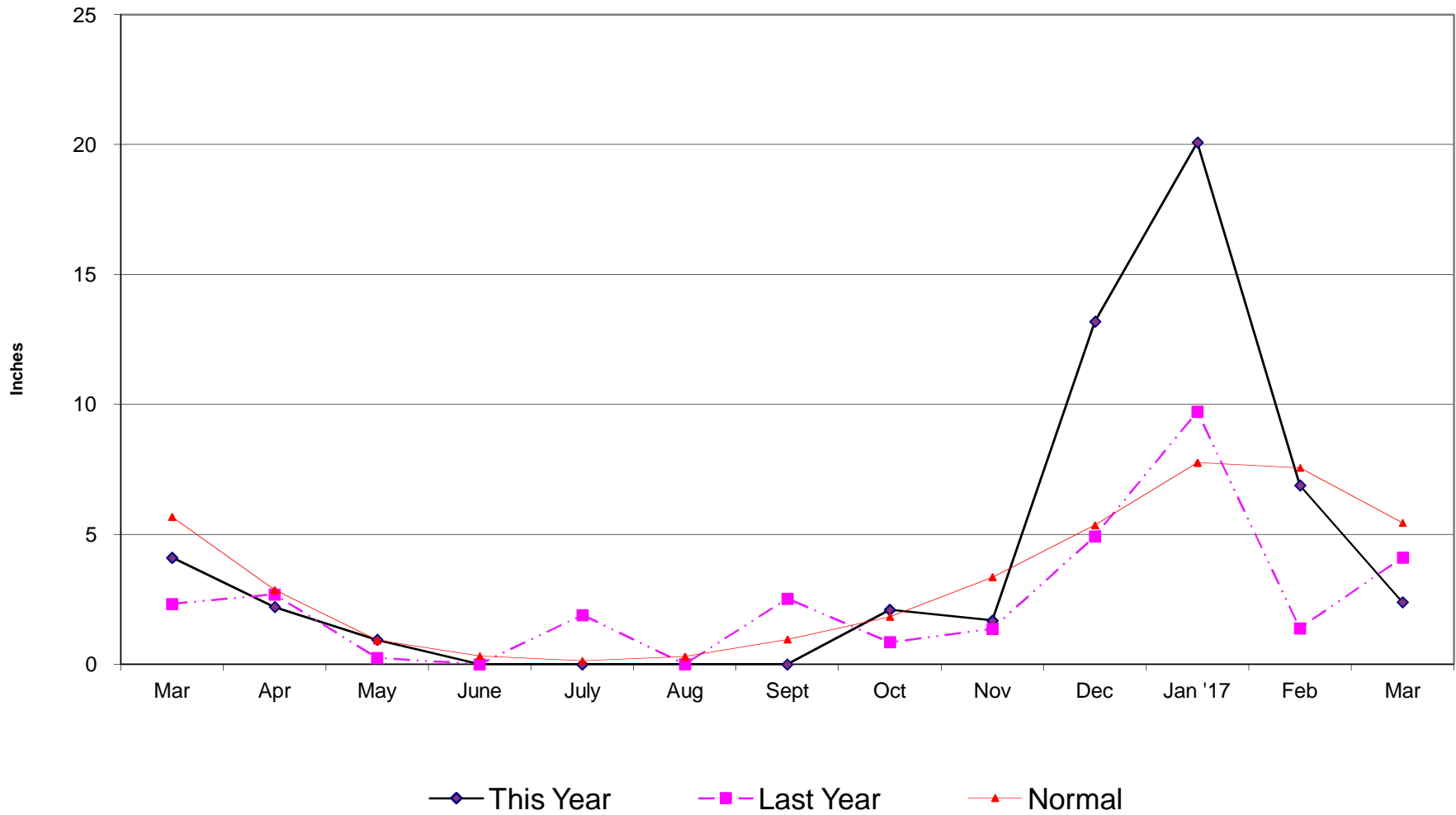
# Crestline Village Water District

## Purchased Water Cumulative



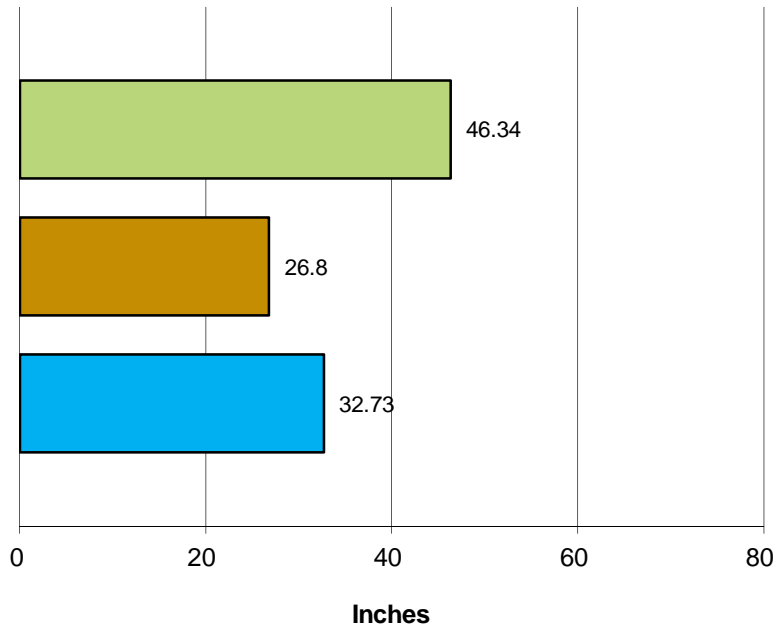
# Crestline Village Water District

## Rainfall - Last 13 Months



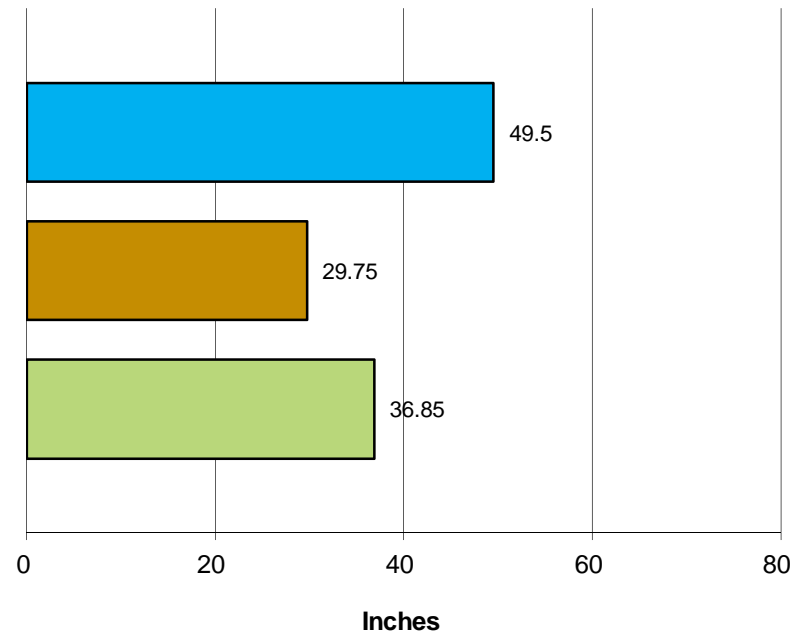
# Crestline Village Water District

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



■ This Year ■ Last Year ■ Normal

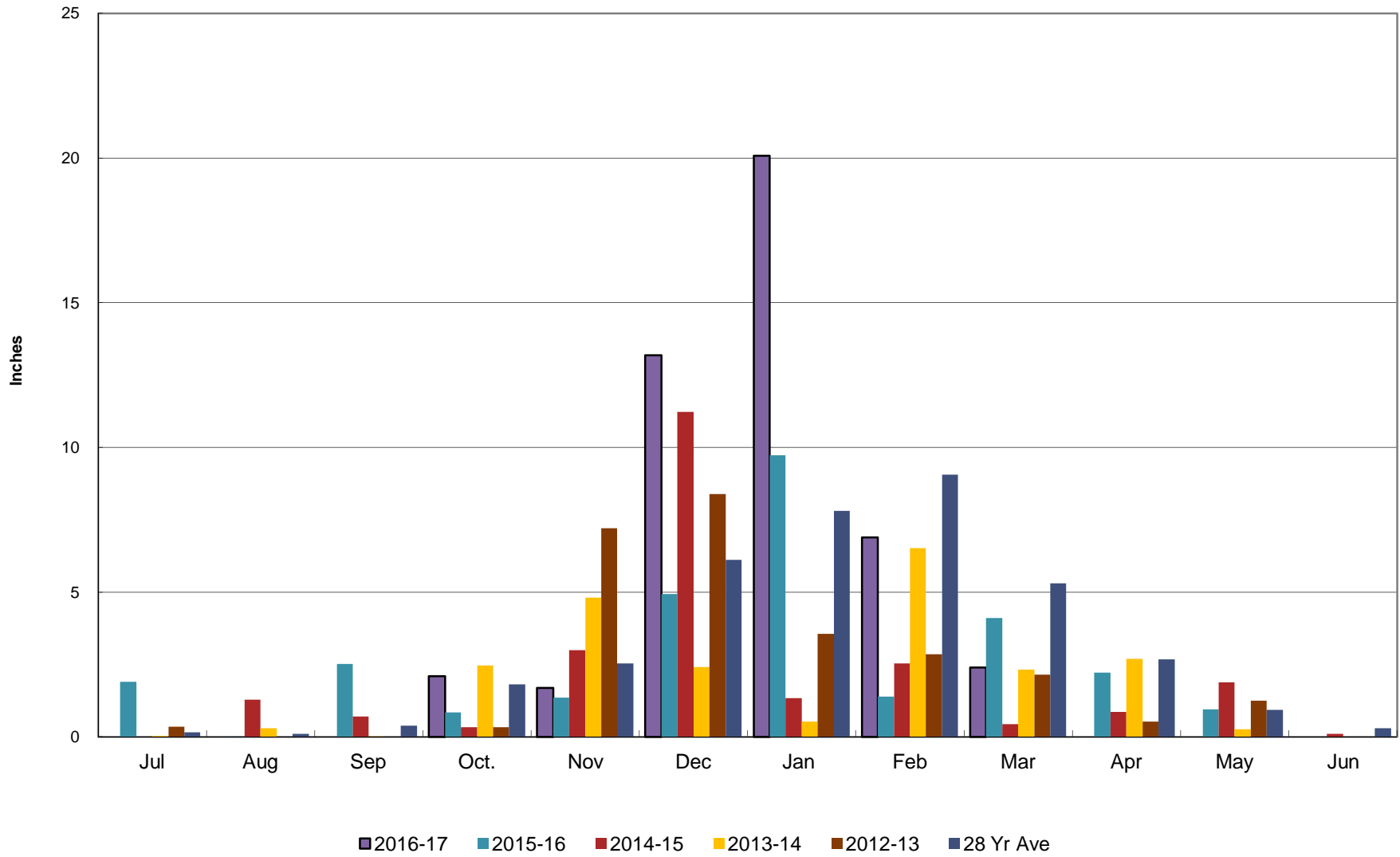
## Total Rainfall Last 12 Months



■ This Year ■ Last Year ■ Normal

# Crestline Village Water District

## Rainfall by Month



# Crestline Village Water District

## Rainfall Cumulative

