

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

07/10/17

	June	July	Aug	Sept	Oct	Nov	Dec	Jan '17	Feb	Mar	Apr	May	June	Total
Sources of Supply														
Wells	889,923	768,682	915,107	765,105	700,645	722,247	653,020	778,620	898,292	1,305,512	1,277,540	1,559,470	1,269,163	12,503,326
Purchased Water	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	818,102	1,332,701	18,747,820
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Supplied	2,965,190	3,095,194	2,904,451	2,707,270	2,492,089	2,142,300	2,016,790	2,167,123	1,849,228	2,007,396	1,924,679	2,377,572	2,601,864	31,251,146
Water Used **														
Metered Accounts														
Crestline Area	1,180,026	1,349,820	1,225,532	1,159,217	1,049,772	920,956	894,009	921,219	797,663	882,949	870,336	1,091,651	1,156,702	13,499,852
Lake Gregory Area	1,151,885	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	1,129,907	1,159,206	14,630,004
Change in Storage	63,211	39,580	(38,244)	(5,327)	(3,701)	(12,883)	(61,470)	71,324	19,087	(64,285)	(1,349)	(54,056)	45,388	(2,725)
Flushing, System & Other	16,052	14,609	15,269	15,829	14,439	15,041	18,450	14,439	14,439	17,567	44,940	17,333	21,254	239,660
Accounted for Water	2,411,174	2,860,302	2,615,187	2,468,105	2,391,433	1,958,182	1,815,558	2,050,741	1,666,978	1,756,363	1,805,384	2,184,835	2,382,550	28,366,791
System Loss (CF)	554,016	234,892	289,264	239,165	100,656	184,118	201,232	116,382	182,250	251,033	119,295	192,737	219,314	2,884,355
System Loss (%)	18.7%	7.6%	10.0%	8.8%	4.0%	8.6%	10.0%	5.4%	9.9%	12.5%	6.2%	8.1%	8.4%	9.2%
System Loss (GPM)	47.2	38.1	50.1	41.4	16.9	31.9	34.8	18.9	33.8	42.1	22.1	30.3	38.0	38.1
Month to Month Averaging ***														
System Loss (CF)	277,008	394,454	262,078	264,215	169,911	142,387	192,675	158,807	149,316	216,642	185,164	156,016	206,026	2,774,699
System Loss (%)	9.3%	13.1%	8.8%	9.4%	6.4%	6.3%	9.3%	7.7%	7.6%	11.2%	9.4%	7.2%	8.3%	8.9%
System Loss (GPM)	23.6	42.7	44.1	45.7	29.1	24.4	33.4	26.9	26.4	37.9	32.1	26.2	34.2	36.7
Estimated Uses														
Known leaks - Est. loss	37,656	18,048	7,580	3,850	3,658	0	674	866	1,925	28,107	144	0	2,743	105,251
Total Estimated Uses	37,656	18,048	7,580	3,850	3,658	0	674	866	1,925	28,107	144	0	2,743	105,251
Unaccounted for Water (CF)	516,361	216,844	281,684	235,315	96,998	184,118	200,559	115,516	180,325	222,926	119,151	192,737	216,571	2,779,104
Unaccounted For (%)	17.4%	7.0%	9.7%	8.7%	3.9%	8.6%	9.9%	5.3%	9.8%	11.1%	6.2%	8.1%	8.3%	8.9%
Unaccounted For (GPM)	44.0	35.2	48.8	40.7	16.3	31.9	34.7	18.8	33.5	37.4	22.1	30.3	37.5	36.7
Number of Days in Period	61	32	30	30	31	30	30	32	28	31	28	33	30	393

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

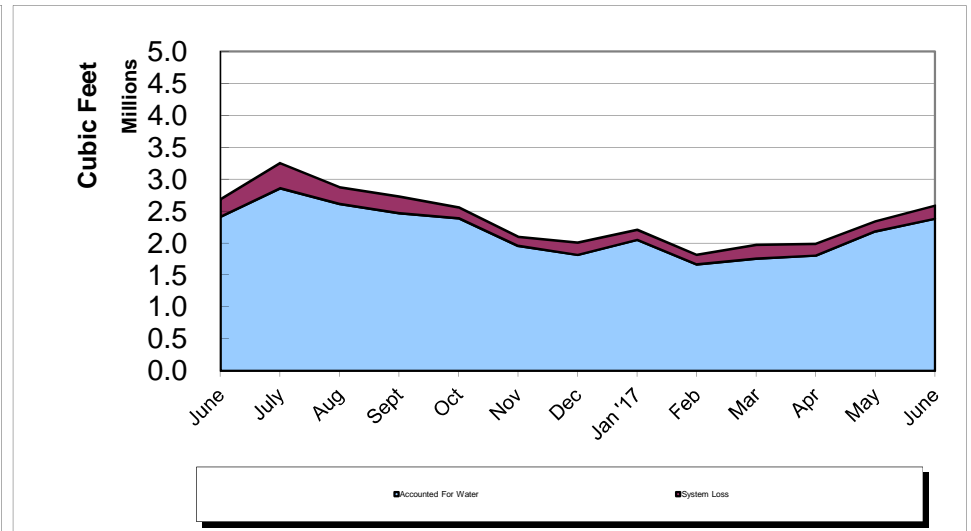
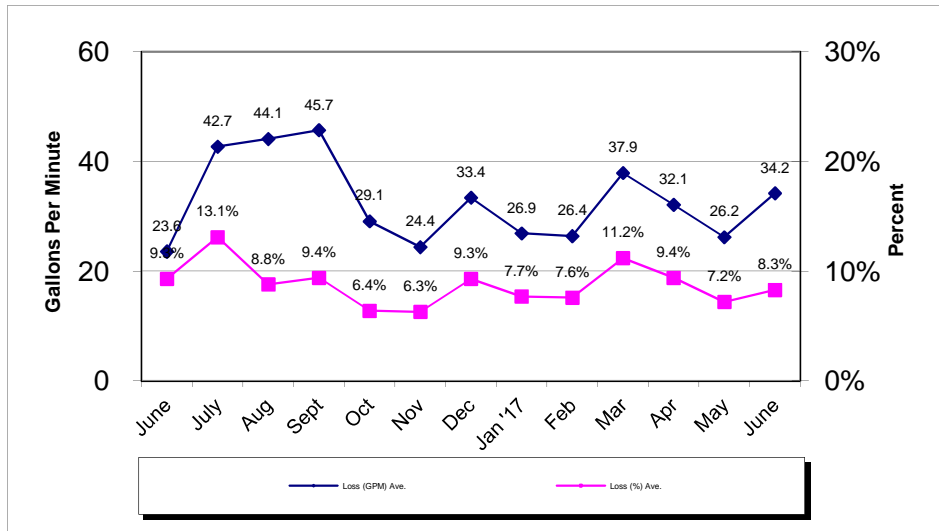
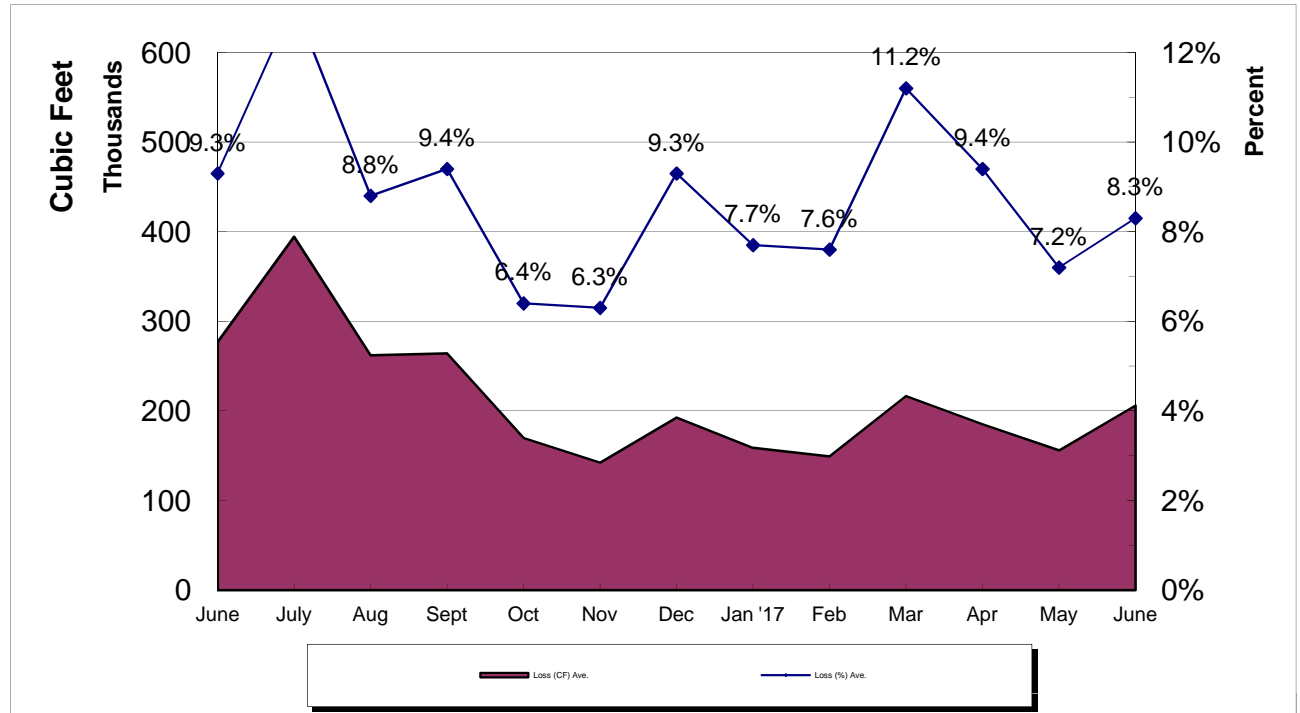
*** - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$5,439	\$5,635
Cost of 5% System Loss:	3,434	3,173
Amount above (below) 5% System Loss	\$2,005	\$2,462
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: 06/30/17

For Month of: June 2017

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,754	19.46	326,033	84.61%
Saxon	337,674	14,681	17.47	256,477	75.95%
Pinecrest I & II	2,063,492	54,302	31.89	1,731,691	83.92%
Zurich	380,500	16,910	20.21	341,751	89.82%
Lakeview	1,230,212	27,959	38.54	1,077,540	87.59%
Old Mill	705,900	27,150	22.53	611,690	86.65%
Barn	444,443	19,753	17.76	350,813	78.93%
Wilson	983,681	33,920	22.48	762,522	77.52%
Chillon	337,674	14,681	17.98	263,964	78.17%
Brookside	748,067	28,772	17.52	504,085	67.39%
Chamois	1,026,532	39,482	21.50	848,863	82.69%
Total	8,643,529		247.34	7,075,429	81.86%

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	65,866	On
Pioneer-2	39,591	On
Pioneer-1	34,831	On
Old Mill Springs	45,990	On
Maple Springs	18,512	On
Willow Springs	39,370	On
Brookside Springs	33,050	On
Hillside Springs	0	Off
Pinecrest 1 & 2	85,260	On
Pinecrest Vertical	181,510	On
Cypress Vertical	99,460	On
Anderson Vertical	136,135	On
Wilson Springs 1 & 2	127,661	On
Wilson Vertical	145,137	On
Felsen Vertical	16,740	Off
Horst	70,491	On
Jewel 64	74,485	On
Cathcart	26,126	On
Bergschrund	21,878	On
Chamois	0	Off
Chamois Vertical	7,070	Off
	0	0
	0	0
	0	0
Lewter	0	Off
Total	1,269,163	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	61	70	(9)	-12.86%	276,872
Mile High 2"	4	0	4	0.00%	60,909
Mile High 4"	57	40	17	42.50%	197,460
Pinecrest 2"	0	0	0	0.00%	0
Pinecrest 4"	129	130	(1)	-0.77%	718,316
Lake Drive 2"	0	0	0	0.00%	0
Lake Drive 4"	0	0	0	0.00%	0
Camp Seely	37	30	7	23.33%	79,144
Total	251	240	11	4.58%	1,332,701

June Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	252.0	1,455,401		168.9	975,465
Actual M-T-D:	230.8	1,332,701		219.8	1,269,163
Over/(Under) Last Year:	(21.3)	(122,700.0)		50.9	293,698.0

Total	GPM	Cubic Feet
Last Year M-T-D:	420.9	2,430,866
Actual M-T-D:	450.5	2,601,864
Over/(Under) Last Year:	29.6	170,998.0

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

07/07/17

<u>Source Name</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>May</u>	<u>June</u>	<u>Last 12 Months</u>	<u>13 Months</u>
Division 10															
Altdorf	59,926	54,522	49,873	49,063	49,621	47,451	49,232	88,387	87,143	87,303	5,952	76,194	65,866	710,607	770,533
Pioneer #2	39,268	36,444	33,624	33,202	33,558	32,463	32,122	36,621	35,712	40,847	24,155	43,679	39,591	422,018	461,286
Pioneer #1	27,775	24,745	22,175	21,515	21,741	20,908	23,026	84,684	445	38,754	25,153	40,904	34,831	358,881	386,656
Old Mill Springs	15,510	15,990	13,480	12,230	11,960	10,820	10,900	57,620	60,850	74,420	64,070	57,190	45,990	435,520	451,030
Maple Springs	1,879	1,350	1,958	839	96	0	0	1,719	0	32,944	16,328	27,498	18,512	101,244	103,123
Willow Springs	0	0	0	0	0	0	0	0	0	68,290	54,070	51,180	39,370	212,910	212,910
Brookside Springs	11,510	9,830	5,130	3,400	3,740	2,800	0	0	0	32,000	36,710	40,440	33,050	167,100	178,610
Hillside Springs	2,550	0	0	0	0	0	0	0	0	0	0	0	0	0	2,550
Pinecrest	15,680	14,050	11,780	9,360	7,270	5,310	4,890	34,220	27,130	83,050	84,140	96,940	85,260	463,400	479,080
Pinecrest Vertical	48,930	0	96,020	113,010	47,580	109,210	83,450	97,250	92,760	146,310	164,870	205,800	181,510	1,337,770	1,386,700
Cypress Vertical	99,000	93,510	86,590	85,650	88,250	85,450	85,190	87,800	82,470	90,810	83,430	114,440	99,460	1,083,050	1,182,050
Anderson Vertical	97,688	120,567	107,490	11,341	6,205	0	0	0	119,791	136,809	130,872	149,098	136,135	918,308	1,015,996
Division 10 Totals	419,716	371,008	428,120	339,610	270,021	314,412	288,810	488,301	506,301	831,537	689,750	903,363	779,575	6,210,808	6,630,524
Division 20															
Wilson Springs #1 & 2	69,321	65,038	61,273	60,730	59,563	55,399	55,366	68,435	77,620	114,448	120,999	141,445	127,661	1,007,977	1,077,298
Wilson Vertical	96,300	114,300	111,700	112,200	110,200	109,400	78,300	1,300	54,300	120,130	130,227	156,623	145,137	1,243,817	1,340,117
Felsen Vertical	132,060	67,434	178,237	112,363	116,928	111,934	90,756	62,825	99,466	15,372	129,320	153,576	16,740	1,154,951	1,287,011
Horst	33,696	30,771	28,170	27,120	26,608	22,690	25,724	27,287	33,458	51,446	59,343	74,267	70,491	477,375	511,071
Jewell No. 64	73,993	64,965	62,466	62,939	66,528	62,680	64,069	72,455	69,505	82,502	64,753	74,801	74,485	822,148	896,141
Cathcart	20,096	18,274	16,704	15,773	15,967	12,652	17,745	23,477	26,872	31,016	27,489	29,895	26,126	261,990	282,086
Bergschrund	1,937	977	155	0	0	0	0	0	0	23,901	23,719	25,500	21,878	96,130	98,067
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	37,860	34,760	26,960	34,370	34,830	33,080	32,250	34,540	30,770	35,160	31,940	0	7,070	335,730	373,590
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	4,944	1,155	1,322	0	0	0	0	0	0	0	0	0	0	2,477	7,421
Division 20 Totals	470,207	397,674	486,987	425,495	430,624	407,835	364,210	290,319	391,991	473,975	587,790	656,107	489,588	5,402,595	5,872,802
Total District Sources	889,923	768,682	915,107	765,105	700,645	722,247	653,020	778,620	898,292	1,305,512	1,277,540	1,559,470	1,269,163	11,613,403	12,503,326
C.L.A.W.A.															
Crest Forest 6"	392,647	369,786	338,636	438,770	419,385	399,064	394,519	393,048	255,882	244,251	44,118	231,016	276,872	3,805,347	4,197,994
Mile High Park 2"	0	0	0	0	0	0	0	0	0	0	0	0	60,909	60,909	60,909
Mile High Park 4"	254,545	339,305	287,834	268,850	233,289	231,818	180,080	173,797	160,428	184,492	163,636	193,984	197,460	2,614,973	2,869,518
Pinecrest 2"	0	0	0	187	0	0	0	0	0	112,981	364,118	393,102	0	870,388	870,388
Pinecrest 4"	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	0	718,316	8,753,076	10,090,509
Lake Drive 2"	0	102,447	5,254	0	0	0	0	0	0	0	0	0	0	107,701	107,701
Lake Drive 4"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp Seely	90,642	65,642	68,449	21,791	47,326	58,155	44,385	0	0	0	75,267	0	79,144	460,159	550,801
C.L.A.W.A. Totals	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	818,102	1,332,701	16,672,553	18,747,820
Grand Totals	2,965,190	3,095,194	2,904,451	2,707,270	2,492,089	2,142,300	2,016,790	2,167,123	1,849,228	2,007,396	1,924,679	2,377,572	2,601,864	28,285,956	31,251,146

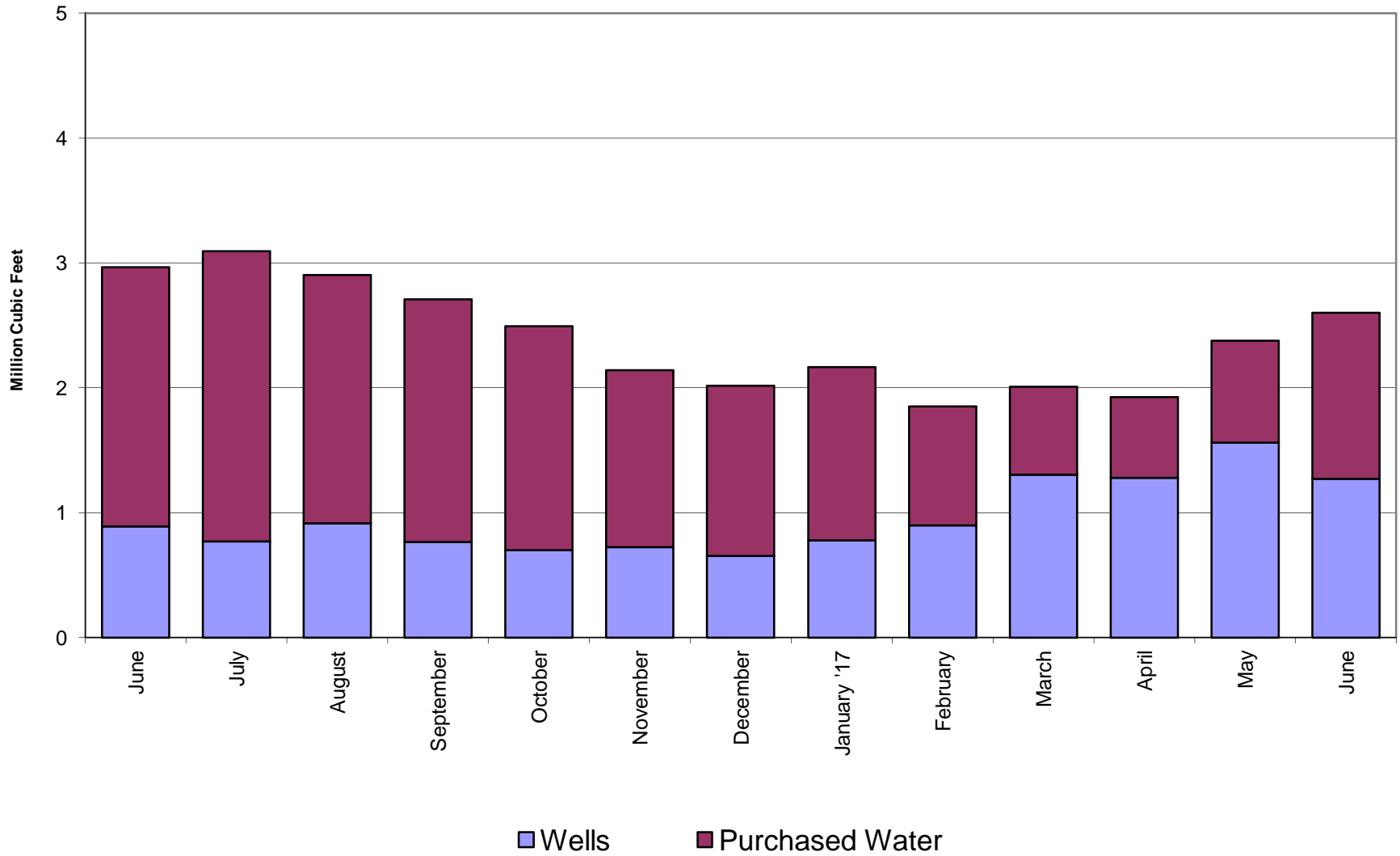
**Crestline Village Water District
Source of Supply Production Report
Cubic Feet
Last 13 Months**

07/07/17

<u>Source Name</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>May</u>	<u>June</u>	<u>Last 12 Months</u>	<u>13 Months</u>
District Sources															
Division 10	419,716	371,008	428,120	339,610	270,021	314,412	288,810	488,301	506,301	831,537	689,750	903,363	779,575	6,210,808	6,630,524
Division 20	470,207	397,674	486,987	425,495	430,624	407,835	364,210	290,319	391,991	473,975	587,790	656,107	489,588	5,402,595	5,872,802
Total	889,923	768,682	915,107	765,105	700,645	722,247	653,020	778,620	898,292	1,305,512	1,277,540	1,559,470	1,269,163	11,613,403	12,503,326
Division 10	47.16%	48.27%	46.78%	44.39%	38.54%	43.53%	44.23%	62.71%	56.36%	63.69%	53.99%	57.93%	61.42%	53.48%	53.03%
Division 20	52.84%	51.73%	53.22%	55.61%	61.46%	56.47%	55.77%	37.29%	43.64%	36.31%	46.01%	42.07%	38.58%	46.52%	46.97%
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	889,923	768,682	915,107	765,105	700,645	722,247	653,020	778,620	898,292	1,305,512	1,277,540	1,559,470	1,269,163	11,613,403	12,503,326
C.L.A.W.A.	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	818,102	1,332,701	16,672,553	18,747,820
Total Sources	2,965,190	3,095,194	2,904,451	2,707,270	2,492,089	2,142,300	2,016,790	2,167,123	1,849,228	2,007,396	1,924,679	2,377,572	2,601,864	28,285,956	31,251,146
District Sources	30.01%	24.83%	31.51%	28.26%	28.11%	33.71%	32.38%	35.93%	48.58%	65.04%	66.38%	65.59%	48.78%	41.06%	40.01%
C.L.A.W.A.	69.99%	75.17%	68.49%	71.74%	71.89%	66.29%	67.62%	64.07%	51.42%	34.96%	33.62%	34.41%	51.22%	58.94%	59.99%
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%

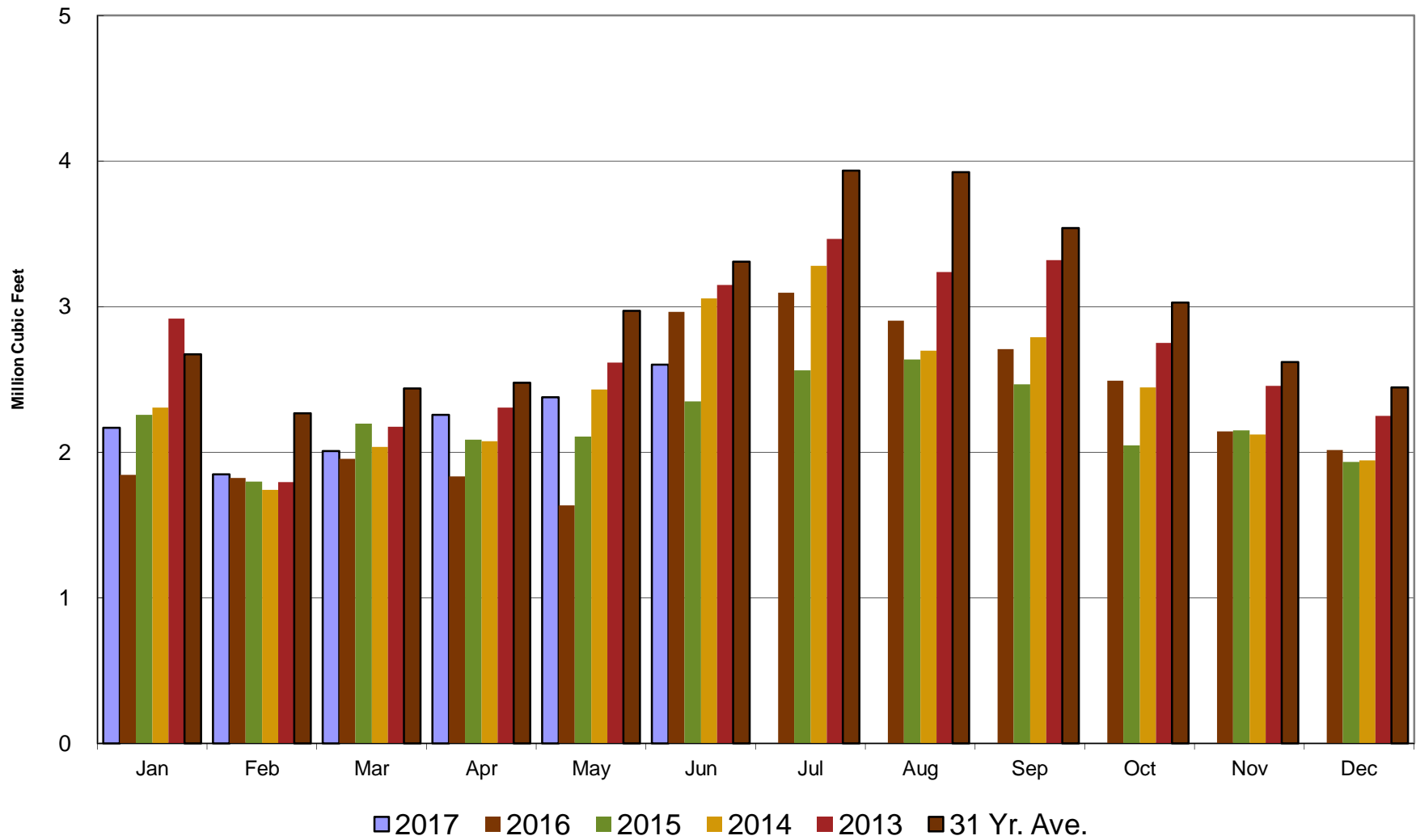
Crestline Village Water District

Water Sources - Last 13 Months



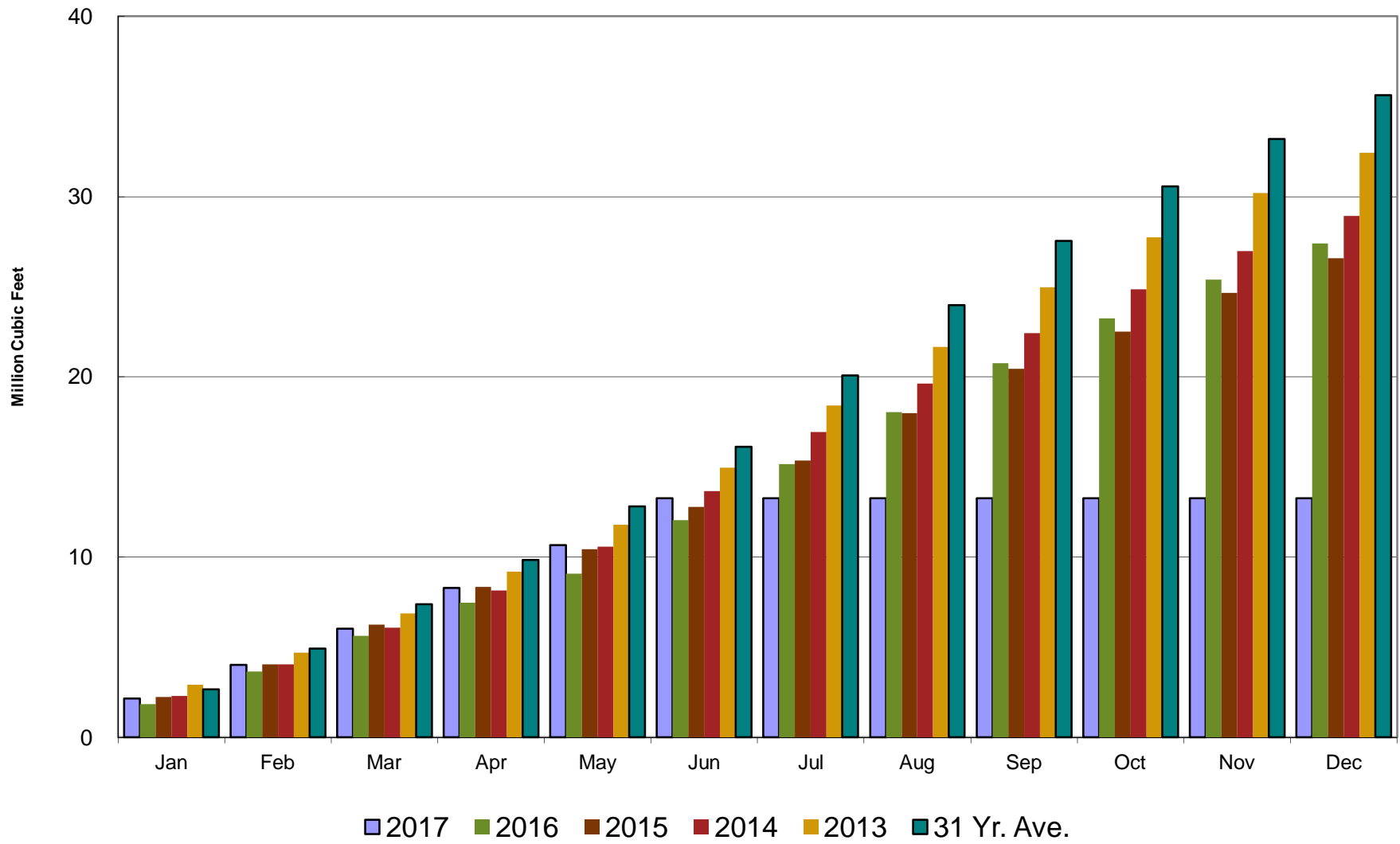
Crestline Village Water District

Total Production by Month



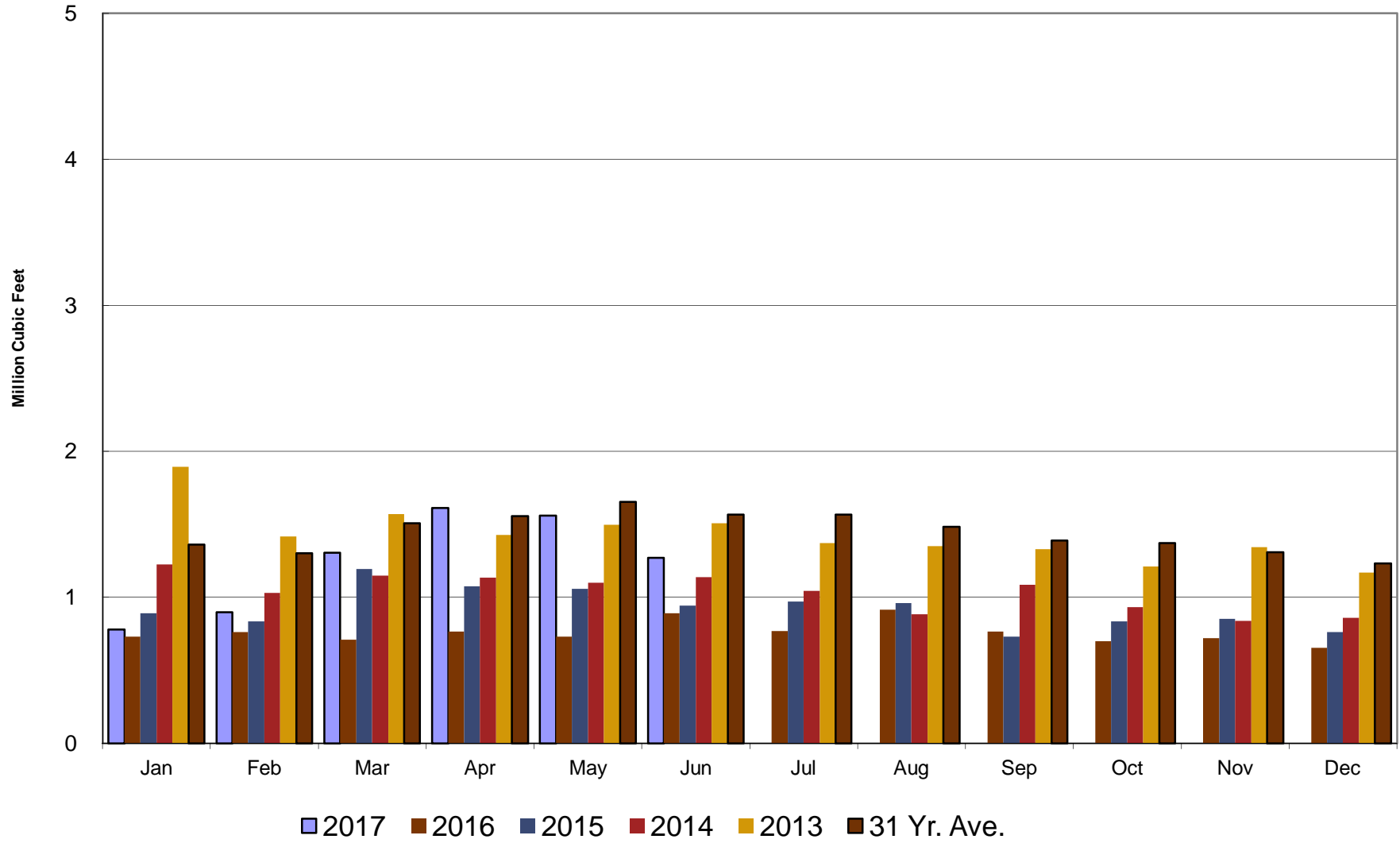
Crestline Village Water District

Total Production Cumulative



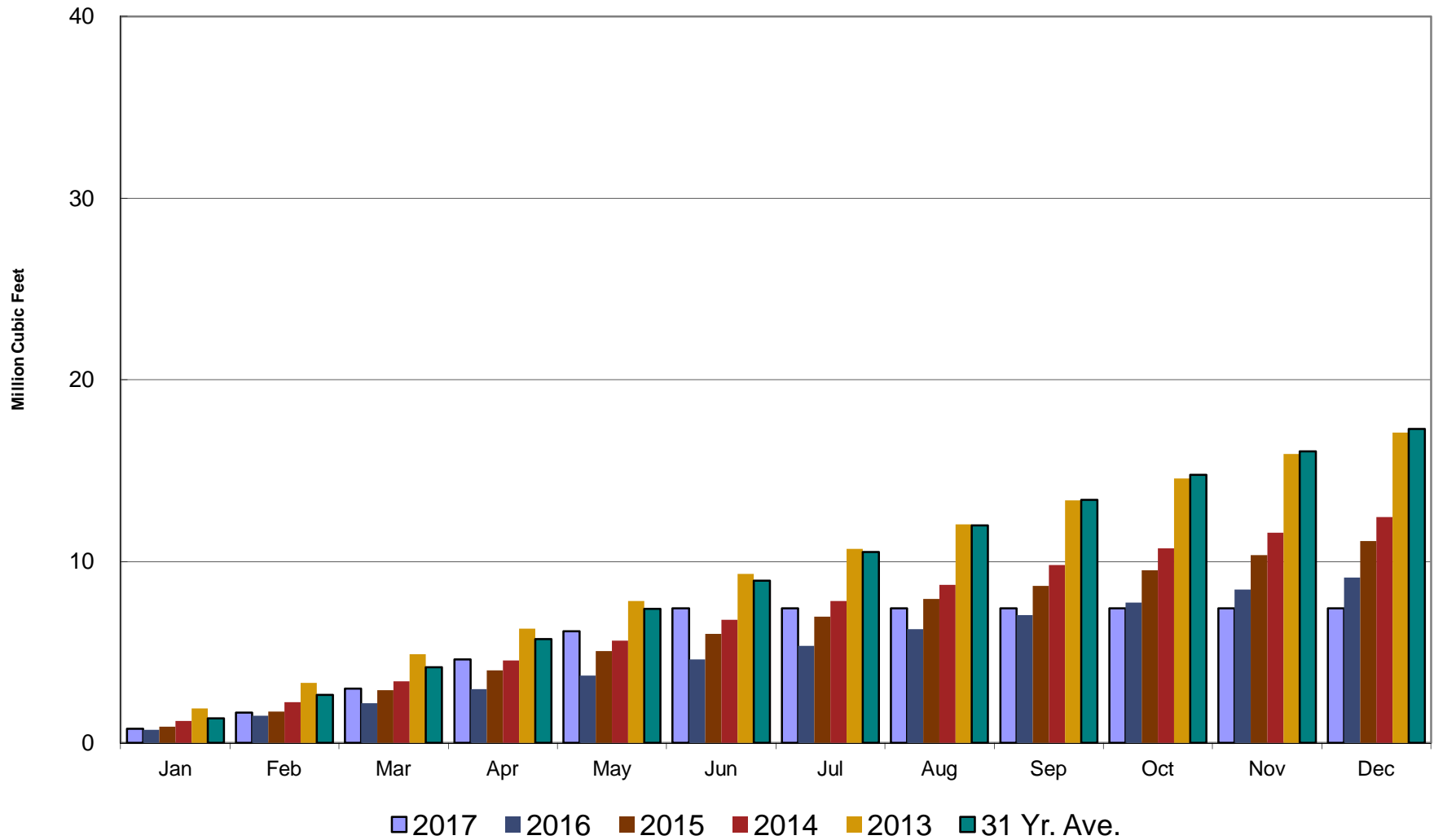
Crestline Village Water District

Well Production by Month



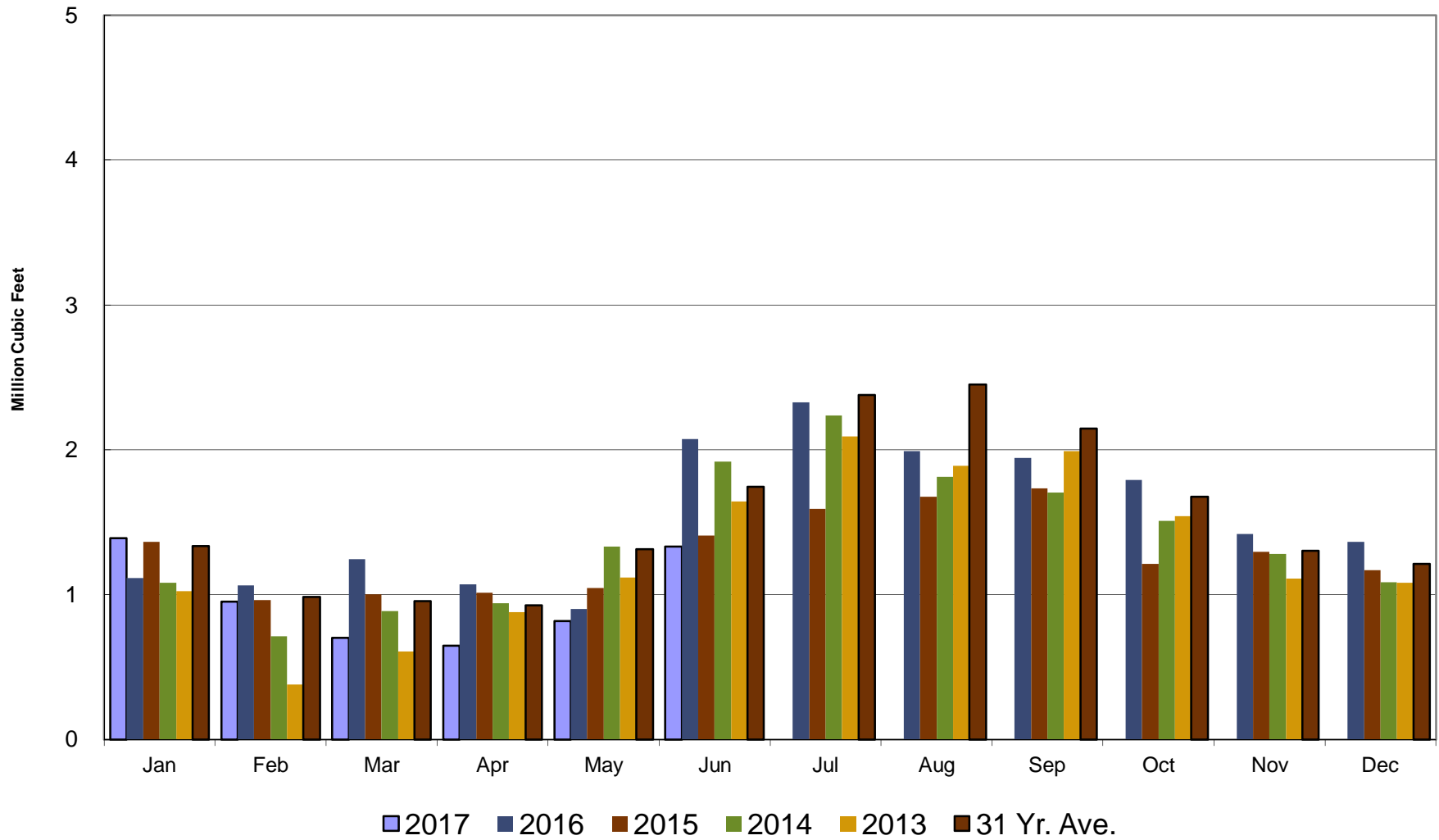
Crestline Village Water District

Well Production Cumulative



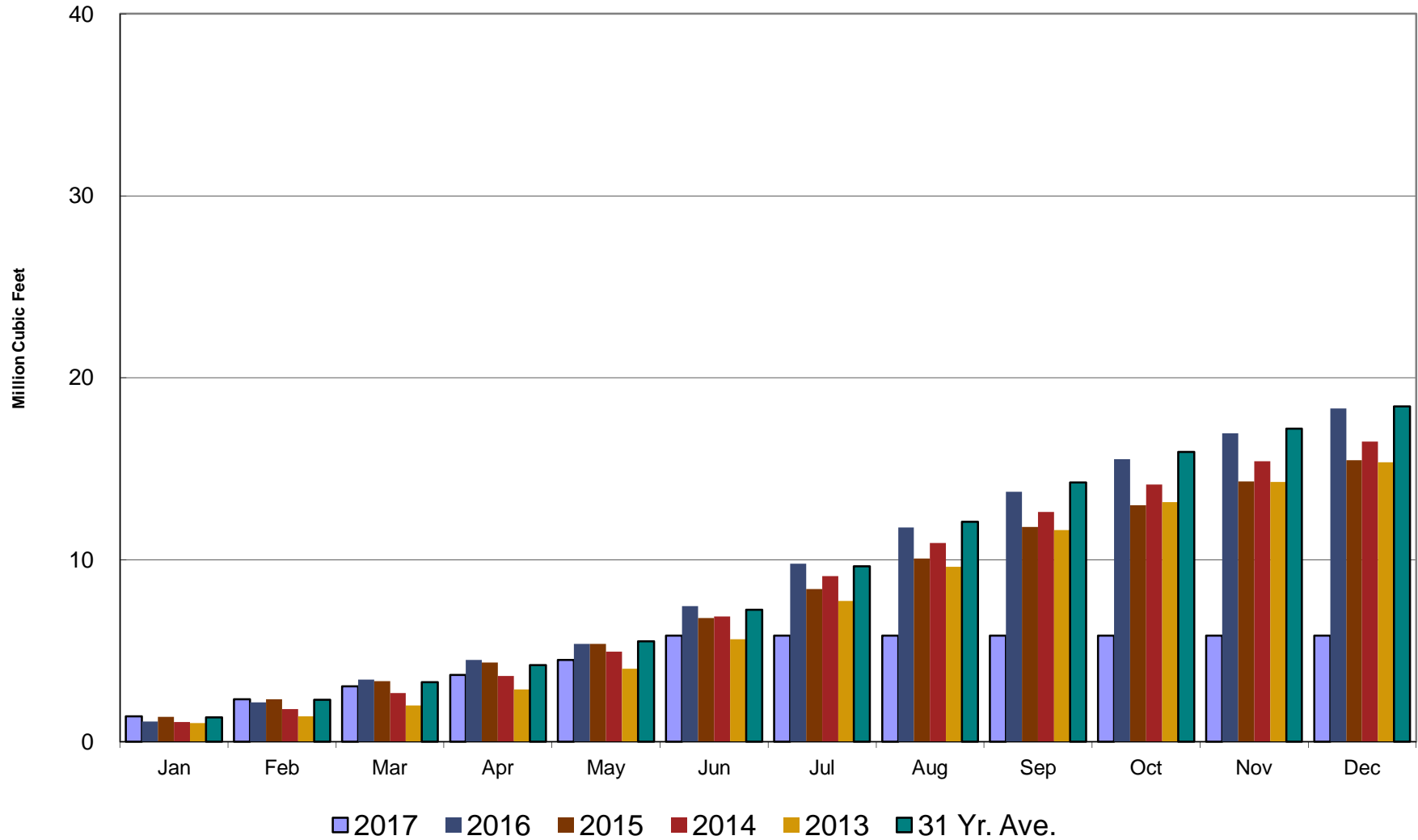
Crestline Village Water District

Purchased Water by Month



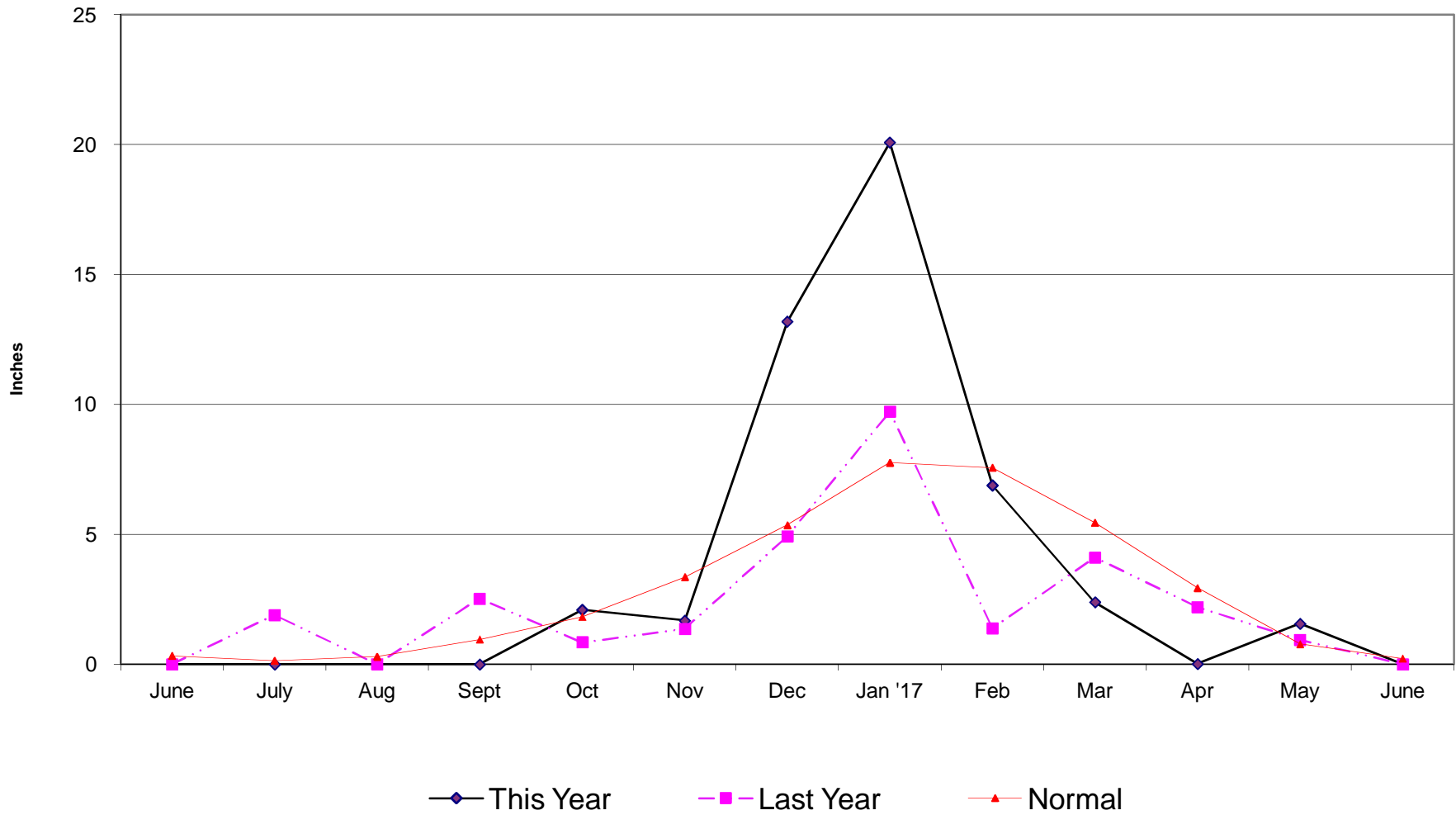
Crestline Village Water District

Purchased Water Cumulative



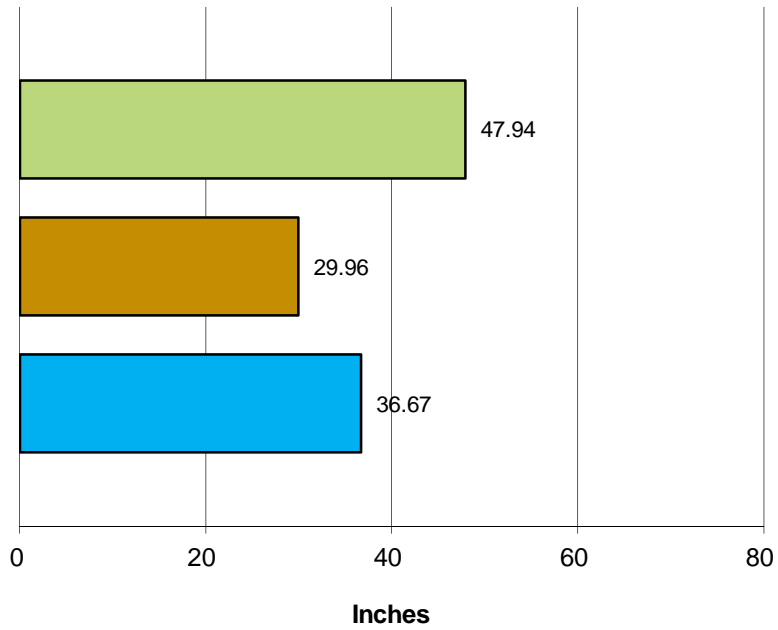
Crestline Village Water District

Rainfall - Last 13 Months



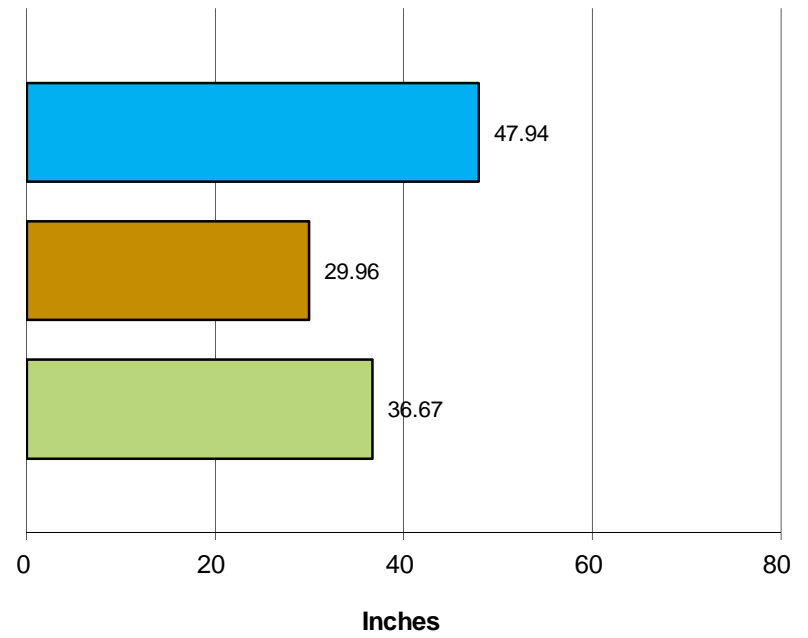
Crestline Village Water District

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



■ This Year ■ Last Year ■ Normal

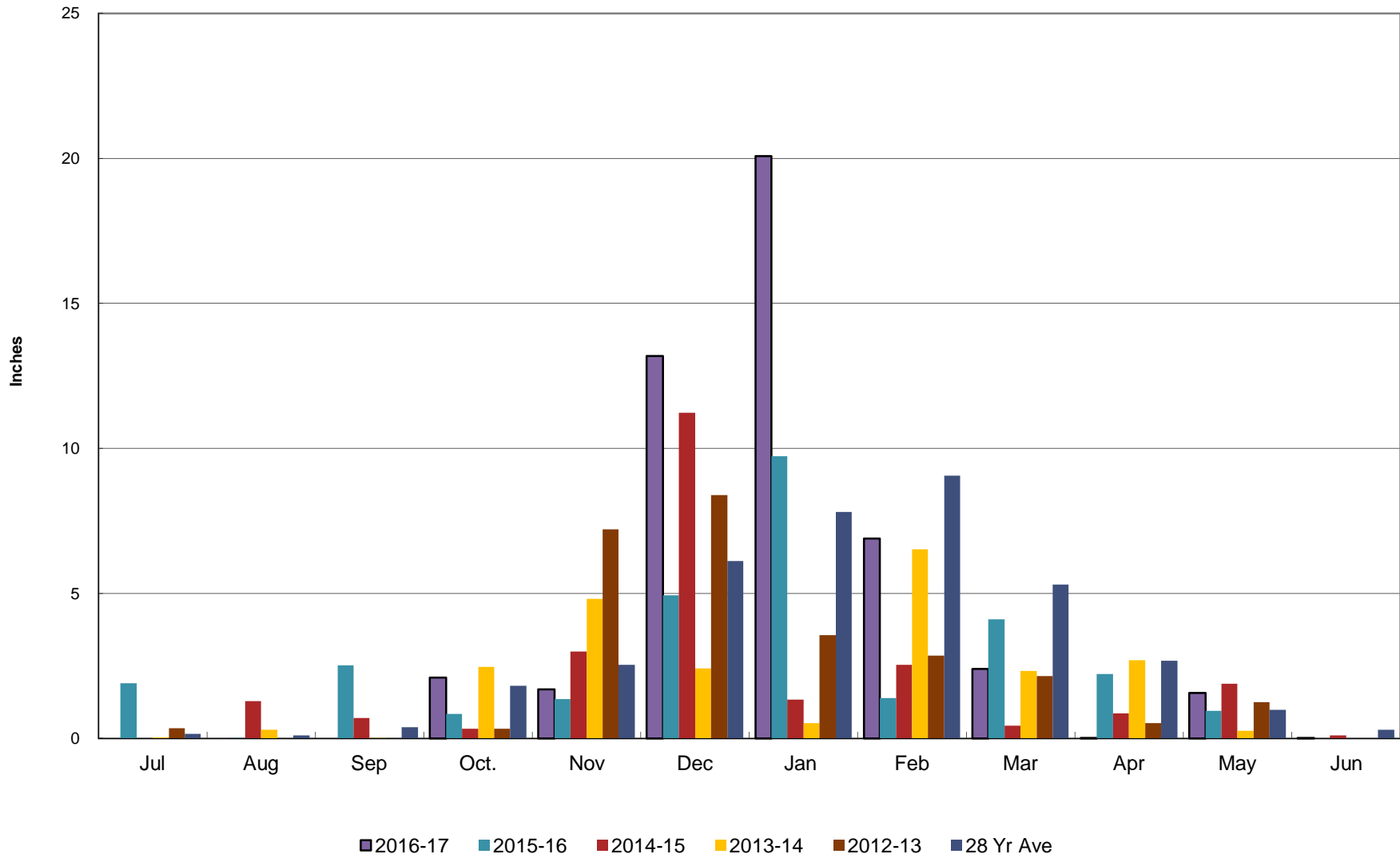
**Total Rainfall
Last 12 Months**



■ This Year ■ Last Year ■ Normal

Crestline Village Water District

Rainfall by Month



Crestline Village Water District

Rainfall Cumulative

