

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

09/14/18

	August	Sept	Oct	Nov	Dec	Jan '18	Feb	Mar	Apr	May	June	July	August	Total
Sources of Supply														
Wells	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	1,132,872	1,082,733	1,102,438	1,003,332	15,028,419
Purchased Water	1,504,277	1,241,309	1,261,230	895,026	1,085,749	1,299,025	849,865	809,024	1,007,165	1,212,072	1,465,534	1,980,696	1,835,348	16,446,320
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Supplied	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	2,344,944	2,548,267	3,083,134	2,838,680	31,474,739
Water Used **														
Metered Accounts														
Crestline Area	1,258,165	1,094,458	1,146,764	929,011	857,932	993,174	854,670	900,619	1,001,987	1,049,570	1,192,462	1,369,493	1,353,623	14,001,928
Lake Gregory Area	1,398,841	1,059,138	1,277,802	1,090,278	960,903	1,204,770	924,561	945,137	986,484	1,076,778	1,147,446	1,472,642	1,487,797	15,032,577
Change in Storage	6,512	22,568	(9,963)	(38,767)	(5,501)	41,851	(17,478)	10,922	(22,949)	19,010	(21,598)	23,937	34,745	43,289
Flushing, System & Other	22,186	19,048	30,677	27,358	16,297	14,940	14,439	14,439	32,203	15,107	18,209	18,209	14,773	257,887
Accounted for Water	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	2,160,465	2,336,519	2,884,281	2,890,938	29,335,681
System Loss (CF)	163,294	254,060	152,266	145,112	261,259	263,376	81,955	71,232	203,684	184,479	211,748	198,853	(52,258)	2,139,058
System Loss (%)	5.7%	10.4%	5.9%	6.7%	12.5%	10.5%	4.4%	3.7%	9.3%	7.9%	8.3%	6.4%	-1.8%	6.8%
System Loss (GPM)	27.4	45.5	24.7	25.1	48.5	40.2	15.2	12.3	34.1	30.9	37.9	32.3	(8.8)	30.5
Month to Month Averaging ***														
System Loss (CF)	81,647	208,677	203,163	148,689	203,186	262,318	172,666	76,594	137,458	194,081	198,113	205,300	73,297	2,165,189
System Loss (%)	2.9%	8.1%	8.1%	6.3%	9.6%	11.5%	7.4%	4.0%	6.5%	8.6%	8.1%	7.4%	2.3%	6.9%
System Loss (GPM)	13.7	36.4	35.1	24.9	36.8	44.4	27.7	13.8	23.2	32.5	34.4	35.1	11.8	30.9
Estimated Uses														
Known leaks - Est. loss	13,947	3,294	2,984	1,097	6,288	28,570	0	144	1,444	10,824	1,663	5,005	72,898	148,158
Total Estimated Uses	13,947	3,294	2,984	1,097	6,288	28,570	0	144	1,444	10,824	1,663	5,005	72,898	148,158
Unaccounted for Water (CF)	149,347	250,765	149,282	144,015	254,971	234,806	81,955	71,088	202,240	173,654	210,085	193,848	(125,156)	1,990,900
Unaccounted For (%)	5.2%	10.2%	5.8%	6.7%	12.2%	9.3%	4.4%	3.7%	9.2%	7.4%	8.2%	6.3%	-4.4%	6.3%
Unaccounted For (GPM)	25.0	44.9	24.2	24.9	47.3	35.9	15.2	12.3	33.9	29.1	37.6	31.5	(21.0)	28.4
Number of Days in Period	31	29	32	30	28	34	28	30	31	31	29	32	31	364

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

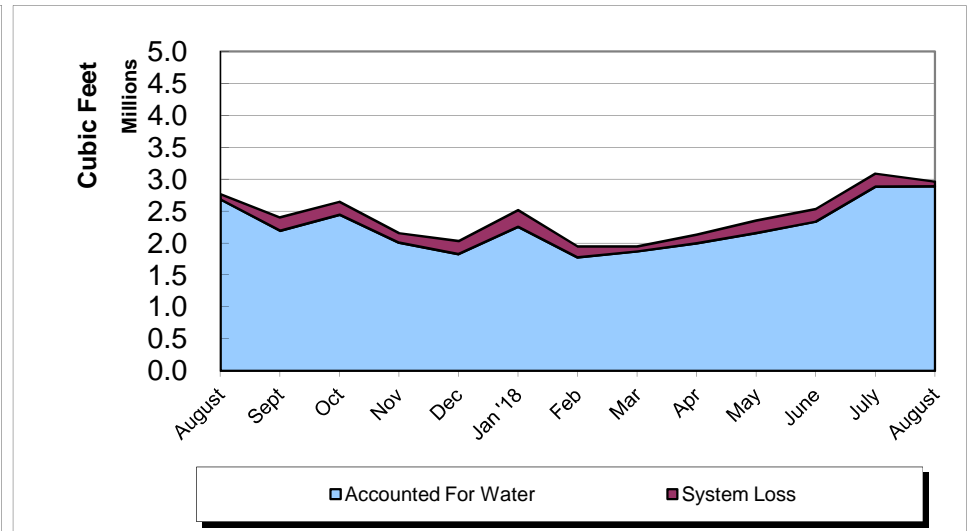
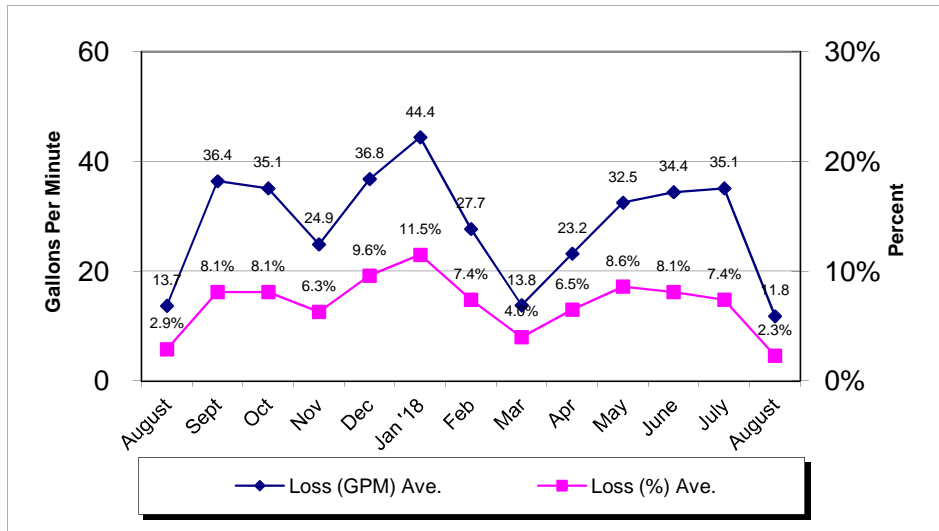
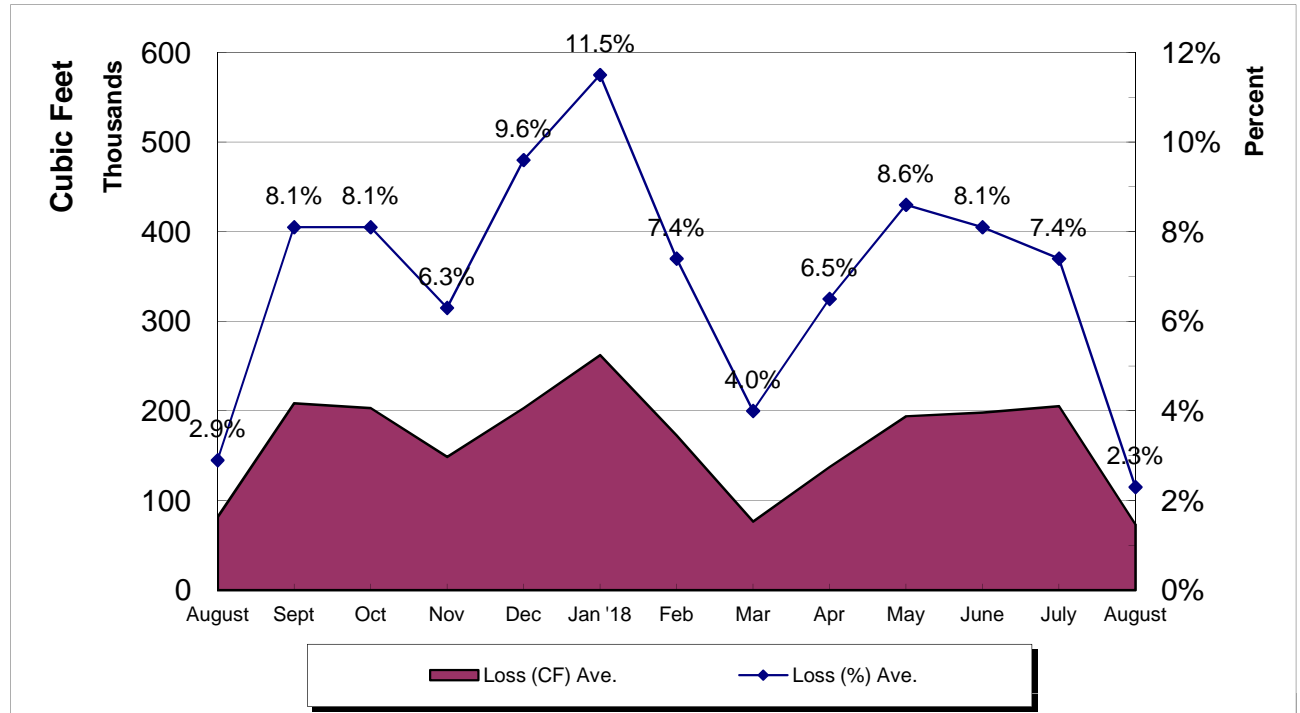
*** - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$1,935	\$4,397
Cost of 5% System Loss:	3,747	3,196
Amount above (below) 5% System Loss	(\$1,812)	\$1,201
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: 08/31/18

For Month of: August 2018

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,752	20.24	339,060	87.99%
Saxon	337,674	14,681	16.56	243,117	72.00%
Pinecrest I & II	2,063,492	54,302	33.42	1,814,773	87.95%
Zurich	380,500	18,789	19.16	359,997	94.61%
Lakeview	1,230,212	27,955	37.47	1,047,474	85.15%
Old Mill	705,900	27,151	22.81	619,314	87.73%
Barn	444,443	19,752	17.60	347,635	78.22%
Wilson	983,681	33,915	26.12	885,860	90.06%
Chillon	337,674	14,679	16.31	239,414	70.90%
Brookside	748,067	28,772	22.42	645,068	86.23%
Chamois	1,026,532	39,482	20.99	828,727	80.73%
Total	8,643,529		253.10	7,370,439	85.27%

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	56,355	On
Pioneer-2	36,384	On
Pioneer-1	28,627	On
Old Mill Springs	21,740	On
Maple Springs	8,670	On
Willow Springs	13,730	On
Brookside Springs	9,610	On
Hillside Springs	5,720	On
Pinecrest 1 & 2	40,590	On
Pinecrest Vertical	93,680	On
Cypress Vertical	89,960	On
Anderson Vertical	52,055	Cycled
Wilson Springs 1 & 2	79,950	On
Wilson Vertical	127,359	On
Felsen Vertical	152,264	On
Horst	45,290	On
Jewel 64	62,464	On
Cathcart	20,025	On
Bergschrund	8,729	On
Chamois	0	Off
Chamois Vertical	50,130	On
	0	0
	0	0
	0	0
Lewter	0	Off
Total	1,003,332	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	69	80	(11)	-13.75%	426,203
Mile High 2"	52	55	(3)	-5.45%	317,701
Mile High 4"	0	0	0	0.00%	0
Pinecrest 2"	0	0	0	0.00%	0
Pinecrest 4"	201	160	41	25.63%	972,594
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%	118,850
Total	322	295	27	9.15%	1,835,348

August Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	280.6	1,674,597		161.1	961,431
Actual M-T-D:	307.5	1,835,348		168.1	1,003,332
Over/(Under) Last Year:	26.9	160,751.0		7.0	41,901.0

Total	GPM	Cubic Feet
Last Year M-T-D:	441.7	2,636,028
Actual M-T-D:	475.7	2,838,680
Over/(Under) Last Year:	34.0	202,652.0

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

09/13/18

Source Name	August '17	September	October	November	December	January '18	February	March	April	May	June	July	August	Last 12 Months	13 Months
Division 10															
Altdorf	63,462	58,548	64,125	59,842	57,133	66,940	55,498	68,202	68,033	62,748	56,103	59,905	56,355	733,432	796,894
Pioneer #2	39,862	37,980	41,789	39,038	37,136	41,976	35,025	37,677	39,043	38,394	35,216	38,293	36,384	457,951	497,813
Pioneer #1	34,241	31,175	33,665	31,063	29,345	35,124	27,165	48,211	37,852	32,185	28,531	30,571	28,627	393,514	427,755
Old Mill Springs	41,550	34,420	33,240	28,580	26,100	27,680	21,360	31,900	37,780	29,960	26,210	22,520	21,740	341,490	383,040
Maple Springs	16,253	15,072	16,204	14,593	13,754	15,337	11,656	19,982	11,737	11,490	9,699	9,815	8,670	158,009	174,262
Willow Springs	31,420	27,650	27,700	25,290	22,750	22,180	18,170	13,270	22,210	20,340	18,110	17,040	13,730	248,440	279,860
Brookside Springs	0	0	0	0	16,520	20,470	11,630	18,300	23,820	17,180	12,250	11,250	9,610	141,030	141,030
Hillside Springs	22,820	13,770	12,440	9,940	8,670	8,740	6,800	6,930	7,170	7,140	6,340	6,890	5,720	100,550	123,370
Pinecrest	75,840	64,630	66,380	57,470	51,730	54,920	43,190	46,380	54,780	52,570	45,720	46,250	40,590	624,610	700,450
Pinecrest Vertical	168,550	144,300	146,110	218,510	116,940	124,430	98,370	100,240	75,390	127,360	97,200	103,660	93,680	1,446,190	1,614,740
Cypress Vertical	95,120	90,150	100,850	93,320	89,180	98,280	83,530	89,410	92,830	91,300	89,840	93,860	89,960	1,102,510	1,197,630
Anderson Vertical	134,892	125,244	130,237	119,593	0	93,410	62,888	89,363	108,986	67,121	107,064	76,033	52,055	1,031,994	1,166,886
Division 10 Totals	724,010	642,939	672,740	697,239	469,258	609,487	475,282	569,865	579,631	557,788	532,283	516,087	457,121	6,779,720	7,503,730
Division 20															
Wilson Springs #1 & 2	121,480	110,096	116,816	104,114	97,469	106,364	85,552	90,711	89,411	86,585	80,567	85,636	79,950	1,133,271	1,254,751
Wilson Vertical	152,704	135,132	168,690	138,000	136,279	151,244	124,925	131,552	135,195	129,400	124,340	133,575	127,359	1,635,691	1,788,395
Felsen Vertical	158,128	148,289	164,205	153,387	147,778	166,822	140,783	149,595	157,093	152,058	144,165	162,280	152,264	1,838,719	1,996,847
Horst	70,472	63,506	66,349	59,791	53,738	37,819	56,464	53,506	54,590	52,892	47,444	50,289	45,290	641,678	712,150
Jewell No. 64	73,255	68,620	74,329	67,665	66,869	73,851	61,751	67,106	68,034	67,920	61,360	70,394	62,464	810,363	883,618
Cathcart	25,020	22,401	24,366	21,766	20,858	13,838	24,171	26,060	27,203	23,636	20,563	21,377	20,025	266,264	291,284
Bergschrund	19,652	16,980	17,191	14,774	12,892	8,561	13,244	11,020	11,667	11,313	21,765	9,560	8,729	157,696	177,348
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	0	0	31,630	1,230	0	51,100	26,110	33,910	71,420	51,280	50,246	53,240	50,130	420,296	420,296
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	620,711	565,024	663,576	560,727	535,883	609,599	533,000	563,460	614,613	575,084	550,450	586,351	546,211	6,903,978	7,524,689
Total District Sources	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	1,132,872	1,082,733	1,102,438	1,003,332	13,683,698	15,028,419
C.L.A.W.A.															
Crest Forest 6"	339,037	289,037	279,947	267,513	353,476	323,930	248,930	270,187	290,775	320,722	321,524	419,519	426,203	3,811,763	4,150,800
Mile High Park 2"	0	0	0	165,214	193,235	240,201	208,422	203,142	173,182	193,235	130,374	345,535	317,701	2,170,241	2,170,241
Mile High Park 4"	248,930	233,422	265,374	16,711	0	0	0	0	0	0	0	0	0	515,507	764,437
Pinecrest 2"	0	0	0	0	0	0	0	0	172,660	425,695	0	0	0	598,355	598,355
Pinecrest 4"	880,615	699,465	715,909	445,588	497,460	562,701	371,791	316,444	334,759	144,920	895,722	1,160,829	972,594	7,118,182	7,998,797
Lake Drive 2"	0	0	0	0	0	0	0	0	7,313	127,500	0	0	0	134,813	134,813
Lake Drive 4"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp Seely	35,695	19,385	0	0	41,578	172,193	20,722	19,251	28,476	0	117,914	54,813	118,850	593,182	628,877
C.L.A.W.A. Totals	1,504,277	1,241,309	1,261,230	895,026	1,085,749	1,299,025	849,865	809,024	1,007,165	1,212,072	1,465,534	1,980,696	1,835,348	14,942,043	16,446,320
Grand Totals	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	2,344,944	2,548,267	3,083,134	2,838,680	28,625,741	31,474,739

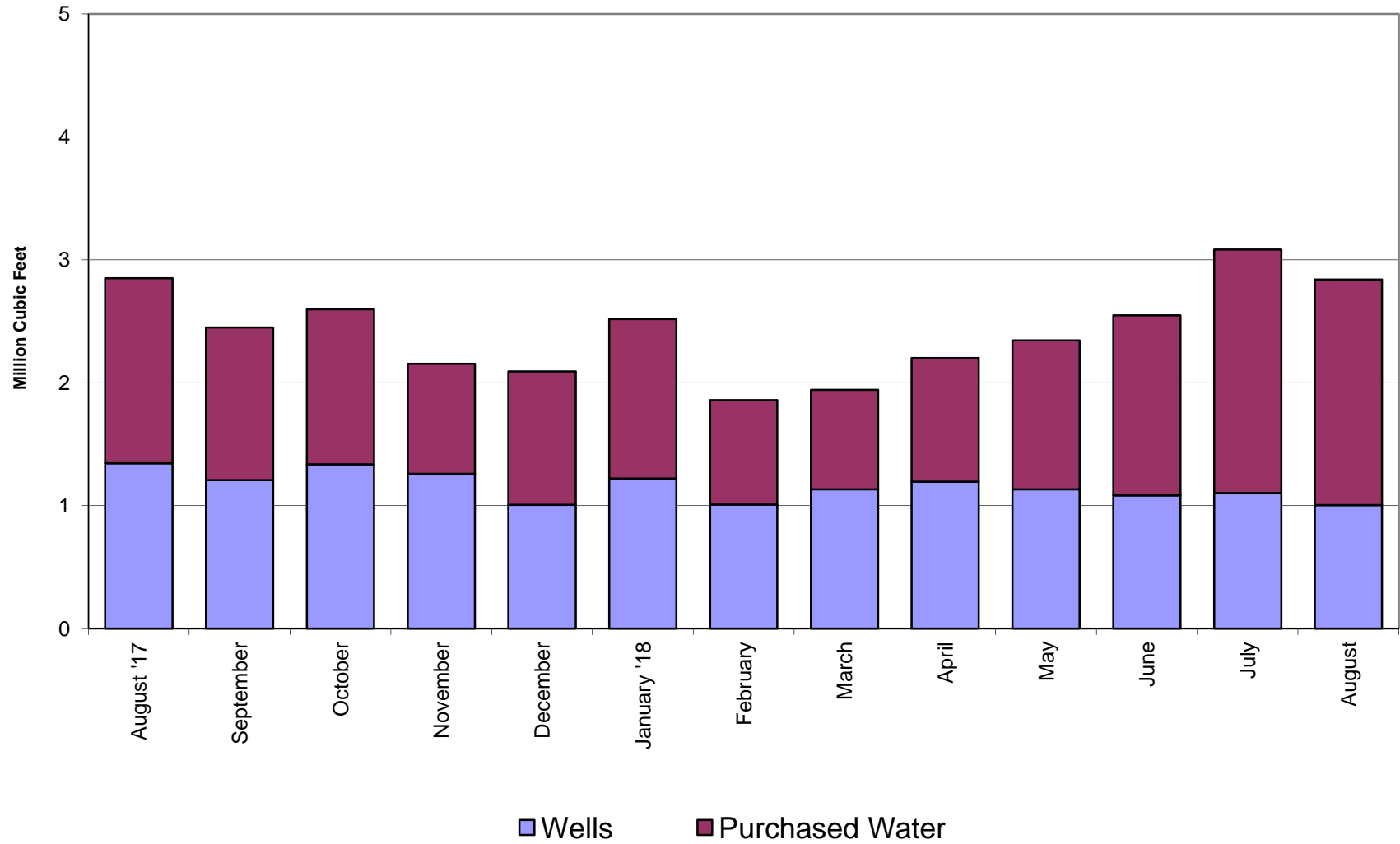
Crestline Village Water District
Source of Supply Production Report
Cubic Feet
Last 13 Months

09/13/18

<u>Source Name</u>	<u>August '17</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>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>Last 12 Months</u>	<u>13 Months</u>
District Sources															
Division 10	724,010	642,939	672,740	697,239	469,258	609,487	475,282	569,865	579,631	557,788	532,283	516,087	457,121	6,779,720	7,503,730
Division 20	620,711	565,024	663,576	560,727	535,883	609,599	533,000	563,460	614,613	575,084	550,450	586,351	546,211	6,903,978	7,524,689
Total	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	1,132,872	1,082,733	1,102,438	1,003,332	13,683,698	15,028,419
Division 10	53.84%	53.23%	50.34%	55.43%	46.69%	50.00%	47.14%	50.28%	48.54%	49.24%	49.16%	46.81%	45.56%	49.55%	49.93%
Division 20	46.16%	46.77%	49.66%	44.57%	53.31%	50.00%	52.86%	49.72%	51.46%	50.76%	50.84%	53.19%	54.44%	50.45%	50.07%
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	1,344,721	1,207,963	1,336,316	1,257,966	1,005,141	1,219,086	1,008,282	1,133,325	1,194,244	1,132,872	1,082,733	1,102,438	1,003,332	13,683,698	15,028,419
C.L.A.W.A.	1,504,277	1,241,309	1,261,230	895,026	1,085,749	1,299,025	849,865	809,024	1,007,165	1,212,072	1,465,534	1,980,696	1,835,348	14,942,043	16,446,320
Total Sources	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	2,344,944	2,548,267	3,083,134	2,838,680	28,625,741	31,474,739
District Sources	47.20%	49.32%	51.45%	58.43%	48.07%	48.41%	54.26%	58.35%	54.25%	48.31%	42.49%	35.76%	35.35%	47.80%	47.75%
C.L.A.W.A.	52.80%	50.68%	48.55%	41.57%	51.93%	51.59%	45.74%	41.65%	45.75%	51.69%	57.51%	64.24%	64.65%	52.20%	52.25%
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%

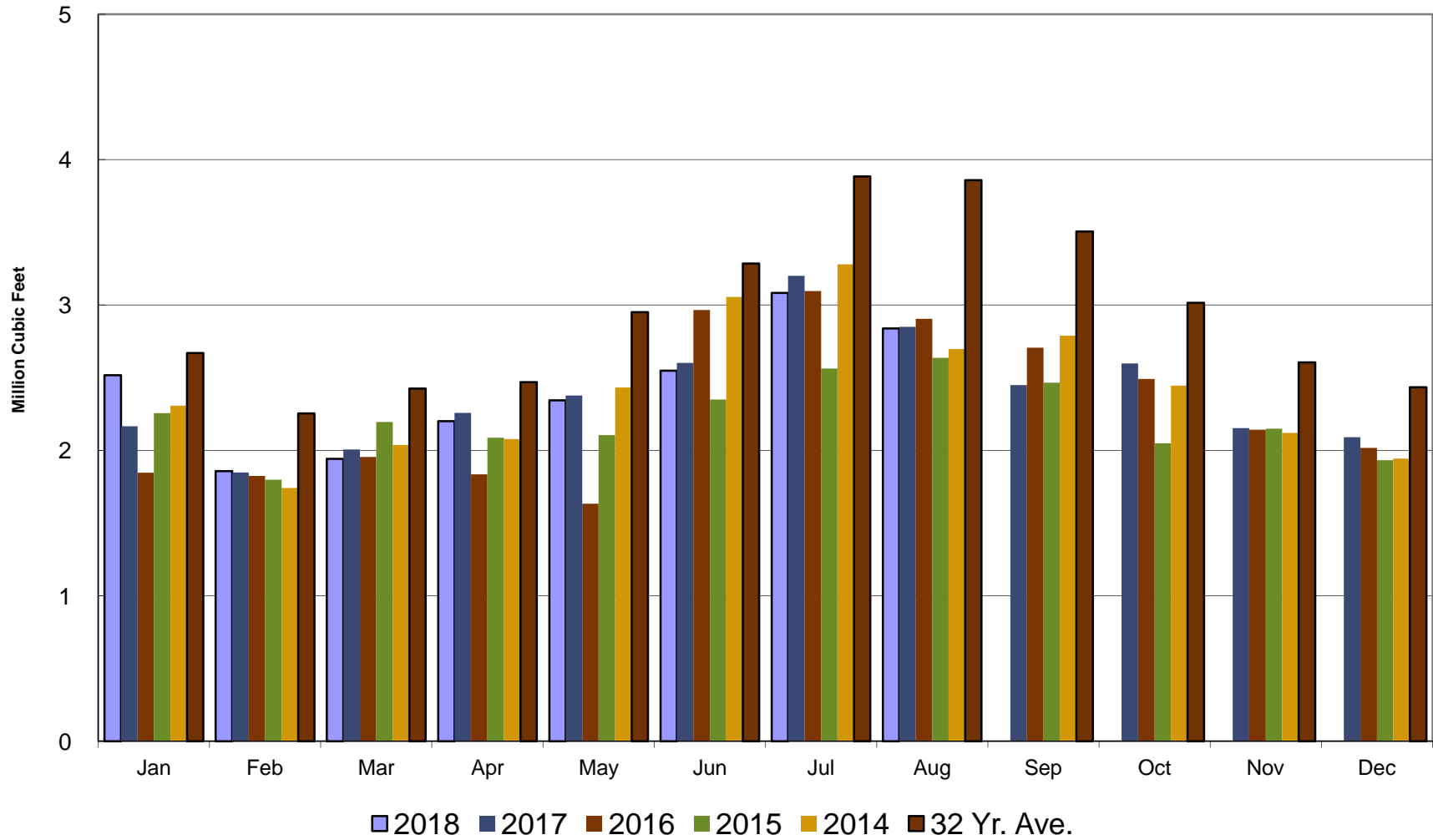
Crestline Village Water District

Water Sources - Last 13 Months



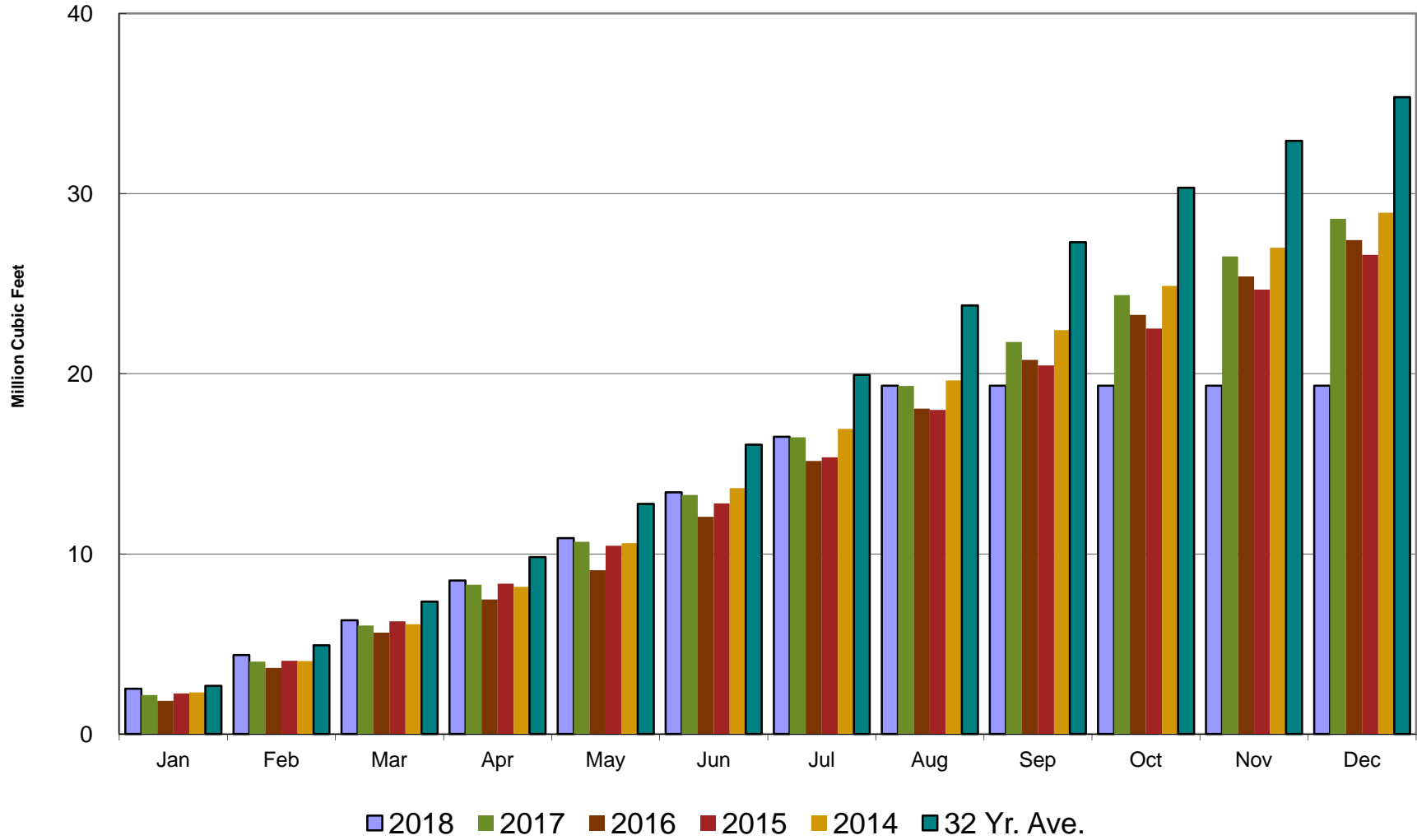
Crestline Village Water District

Total Production by Month



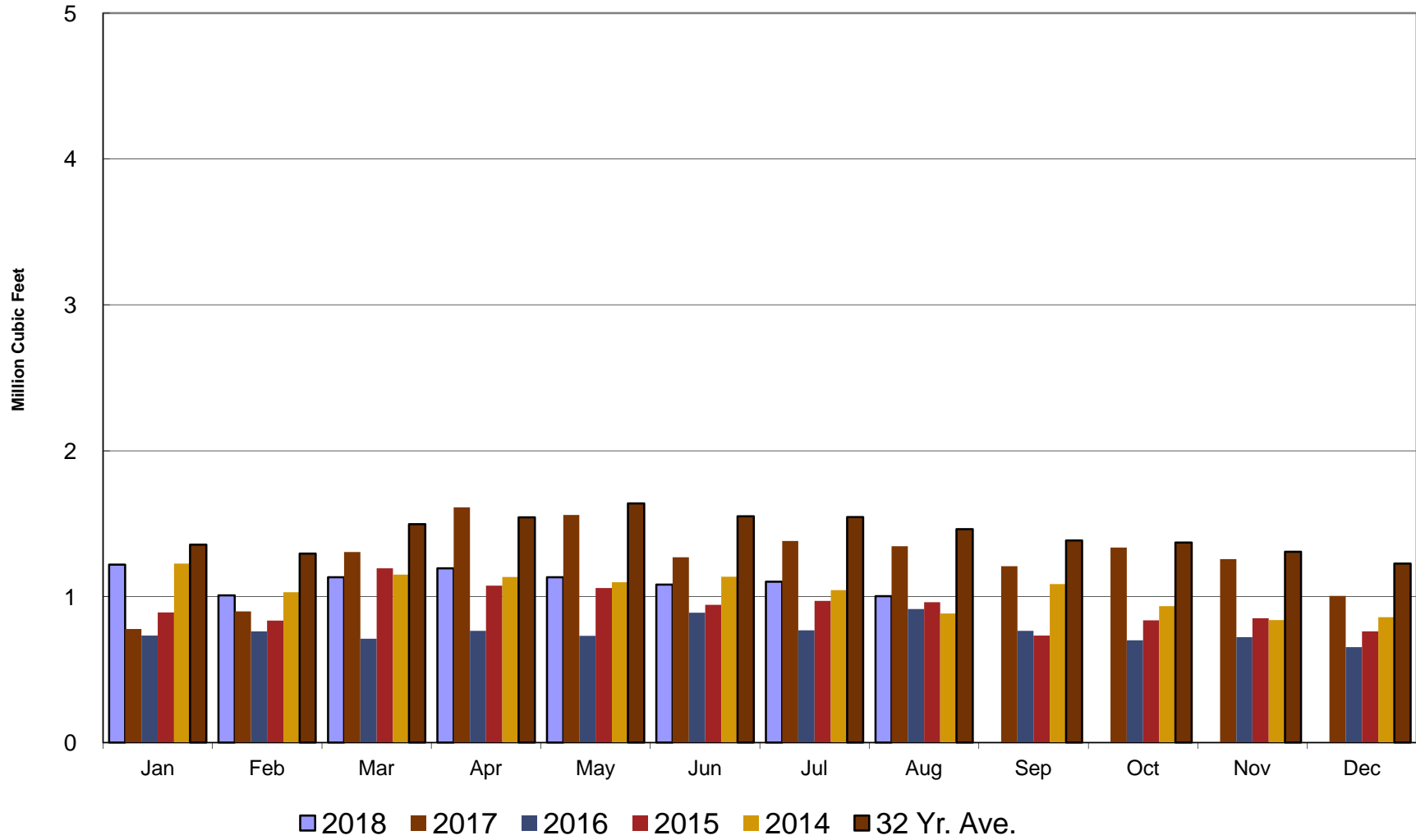
Crestline Village Water District

Total Production Cumulative



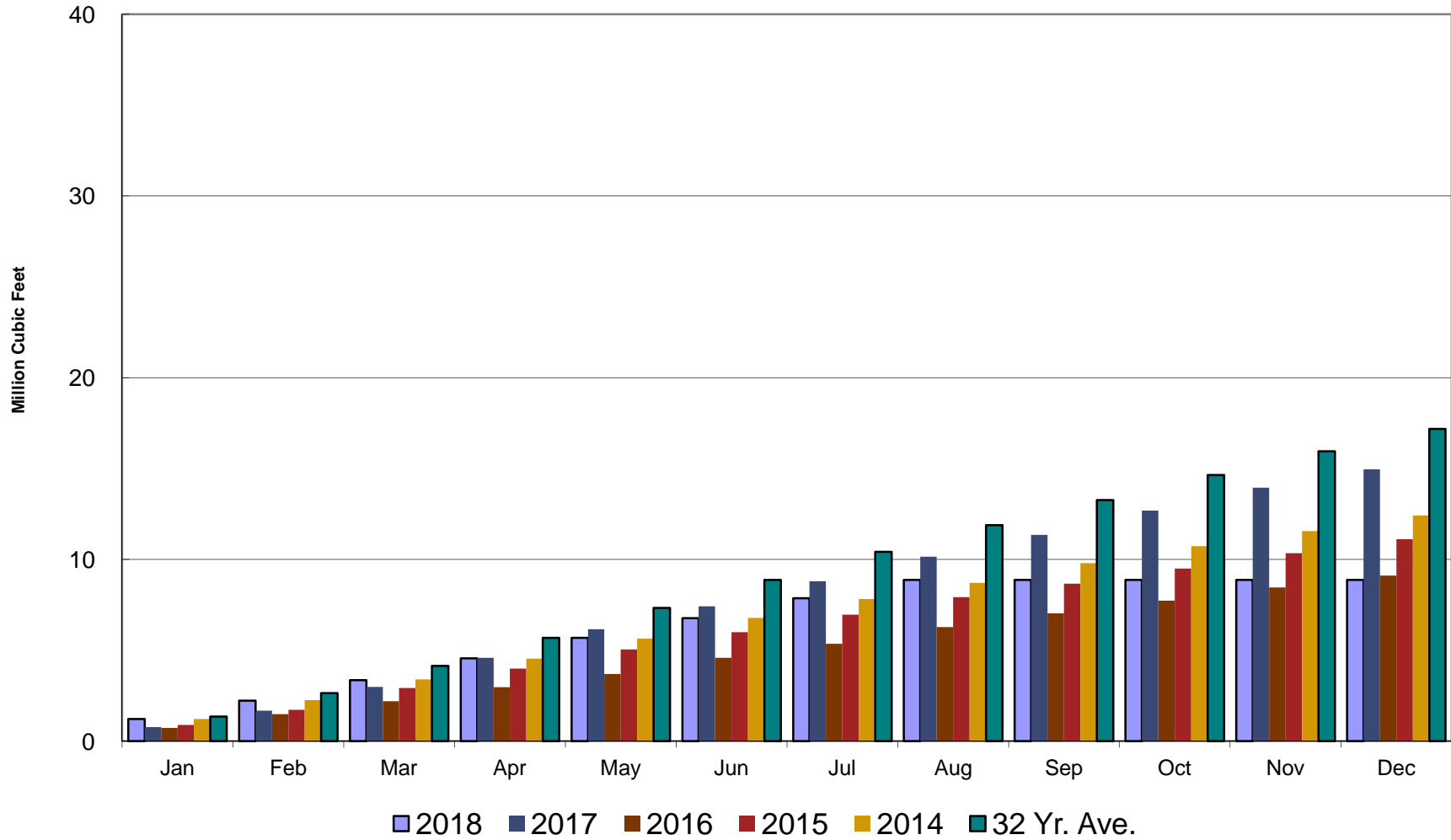
Crestline Village Water District

Well Production by Month



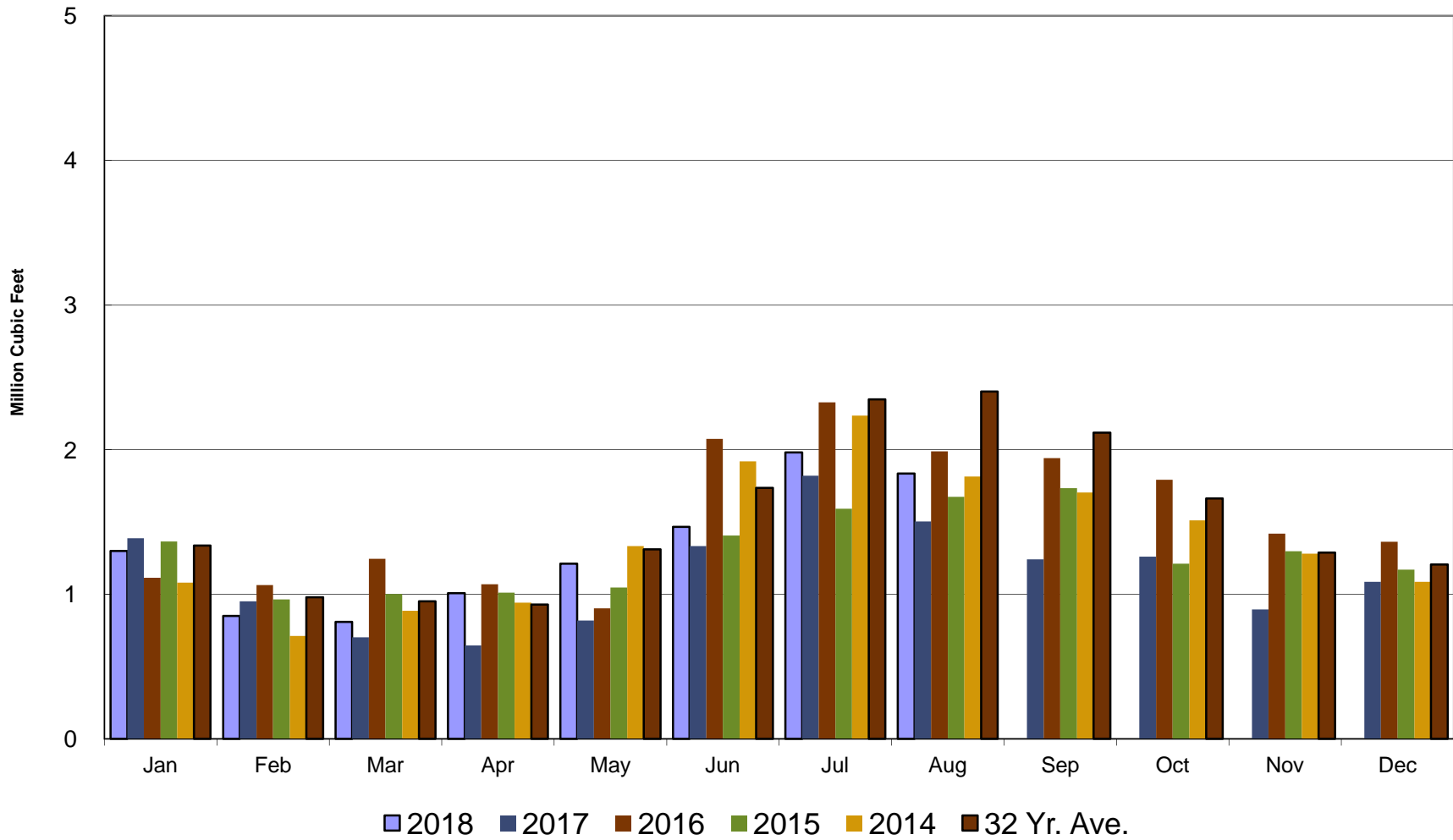
Crestline Village Water District

Well Production Cumulative



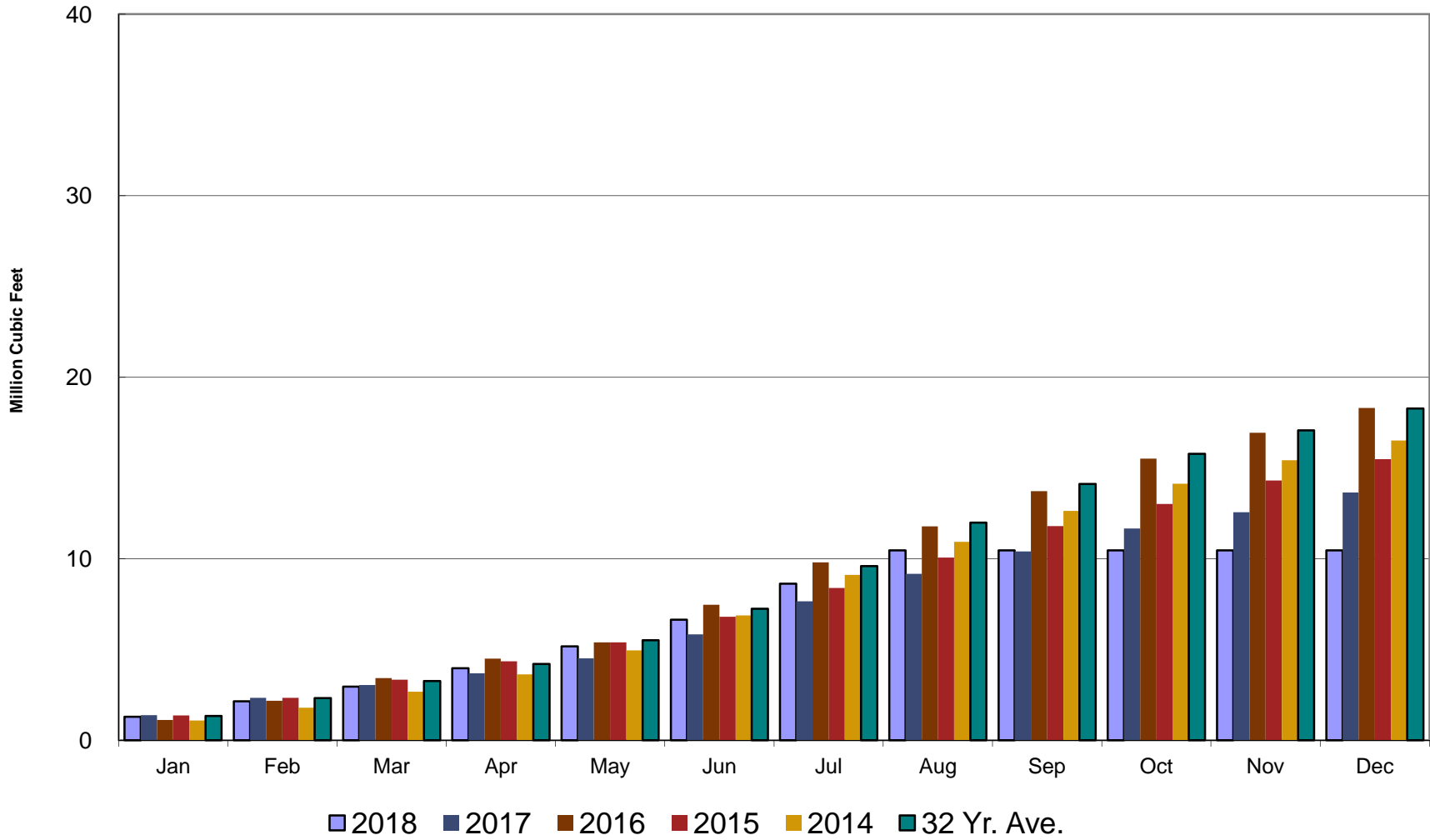
Crestline Village Water District

Purchased Water by Month



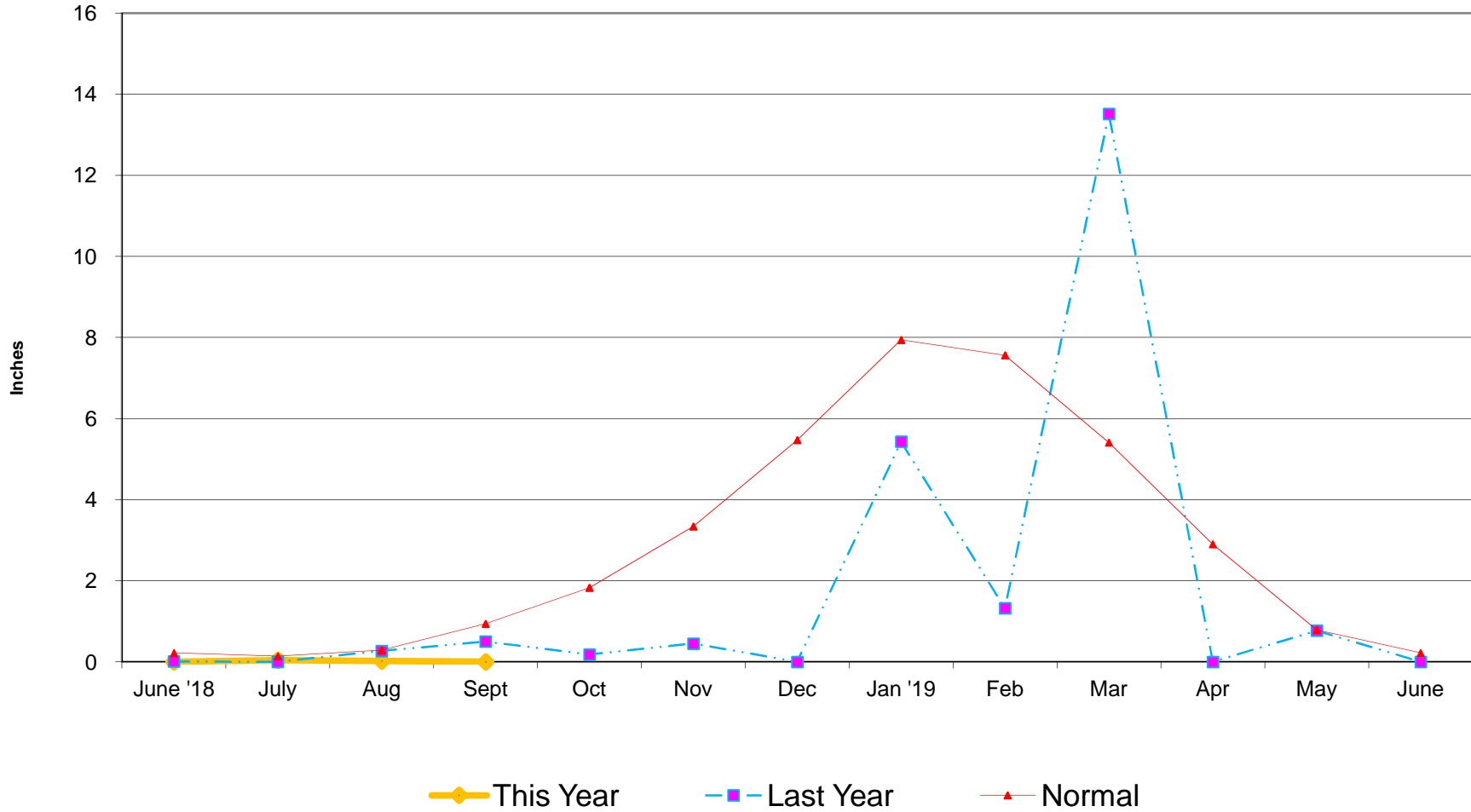
Crestline Village Water District

Purchased Water Cumulative



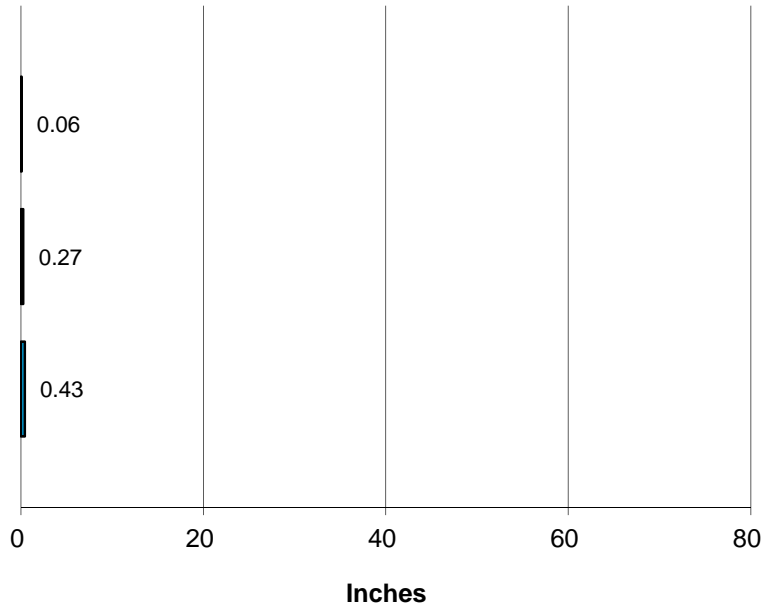
Crestline Village Water District

Rainfall - Last 13 Months



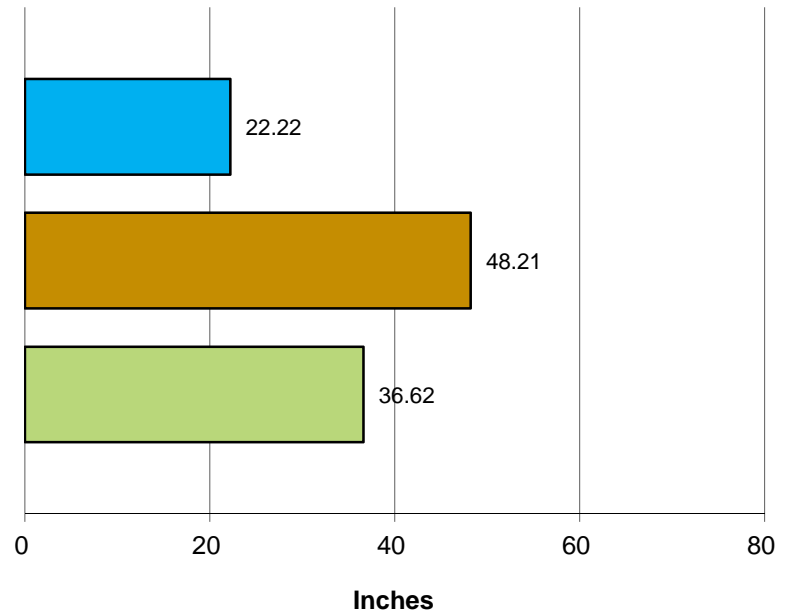
Crestline Village Water District

**Total Rainfall
July 1, 2018 to
Beginning of Current Month**



■ This Year ■ Last Year ■ Normal

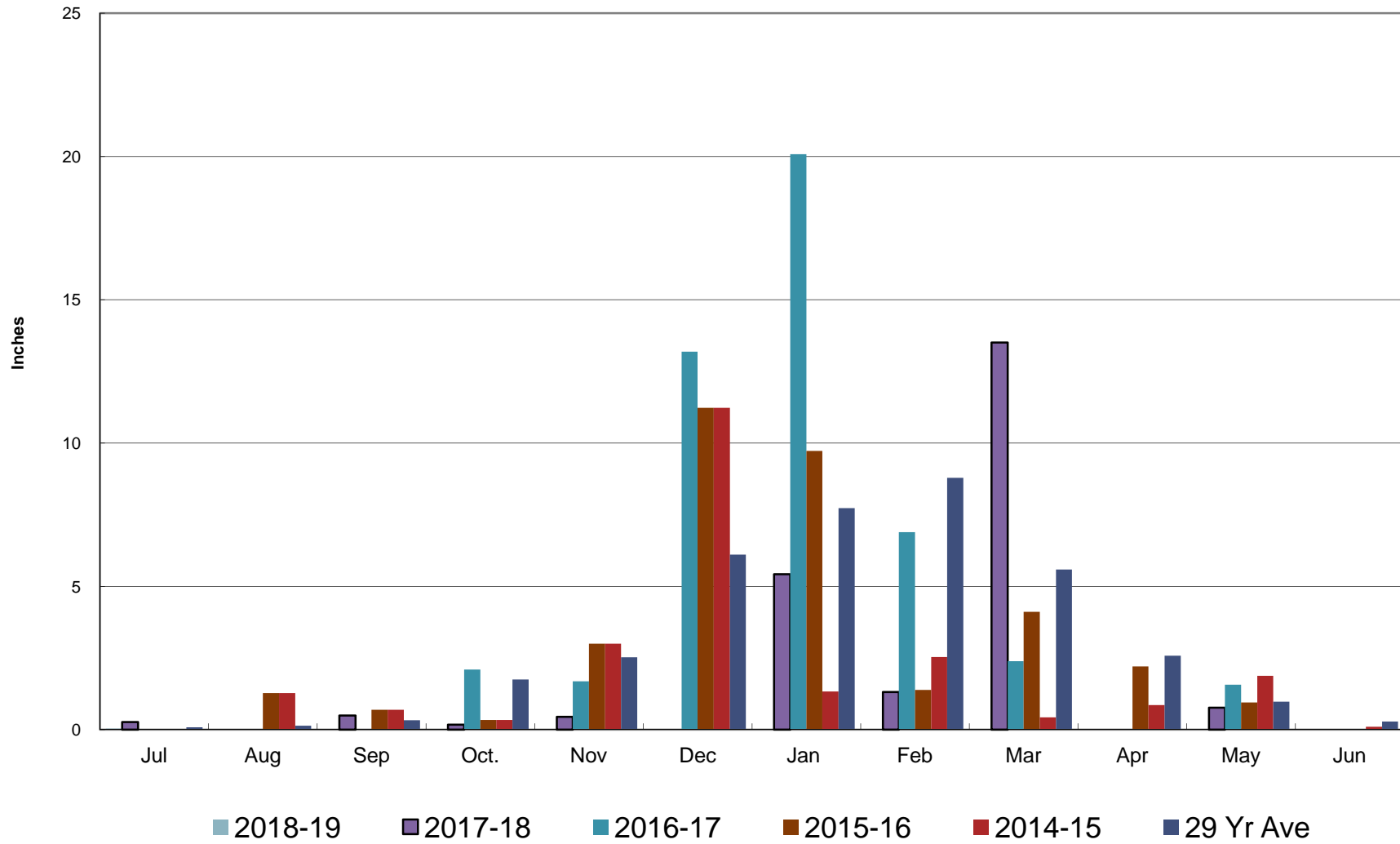
**Total Rainfall
Last 12 Months**



■ This Year ■ Last Year ■ Normal

Crestline Village Water District

Rainfall by Month



Crestline Village Water District

Rainfall Cumulative

