

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

06/09/20

	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan '20	Feb	Mar	Apr	May	Total
Sources of Supply														
Wells	1,916,178	1,779,411	2,000,356	1,850,570	1,733,973	1,880,618	958,042	2,390,062	1,790,808	1,606,207	1,837,581	2,318,631	1,936,457	23,998,894
Purchased Water	347,887	723,395	1,148,623	1,315,362	1,162,554	720,040	459,653	617,152	357,741	340,374	230,214	152,380	712,554	8,287,929
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Supplied	2,264,065	2,502,806	3,148,979	3,165,932	2,896,527	2,600,658	1,417,695	3,007,214	2,148,549	1,946,581	2,067,795	2,471,011	2,649,011	32,286,823
Water Used **														
Metered Accounts							Estimated	Estimated	Estimated	Estimated	Estimated			
Crestline Area	1,054,450	1,159,013	1,472,652	1,345,935	1,262,320	1,245,500	517,680	1,436,061	979,850	900,683	953,497	983,800	1,202,565	14,514,006
Lake Gregory Area	1,098,123	1,064,361	1,463,110	1,402,839	1,449,900	1,240,310	699,387	1,512,740	1,109,130	892,867	1,018,765	1,011,077	1,160,010	15,122,619
Change in Storage	19,940	27,725	(12,156)	(5,495)	15,748	(52,443)	55,296	(55,082)	10,066	50,336	(59,149)	31,091	(25,534)	343
Flushing, System & Other	18,885	16,246	16,246	15,408	14,484	27,122	14,439	14,439	14,439	14,439	14,439	14,439	30,128	225,153
Accounted for Water	2,191,398	2,267,345	2,939,852	2,758,687	2,742,452	2,460,489	1,286,802	2,908,158	2,113,485	1,858,325	1,927,552	2,040,407	2,367,169	29,862,121
System Loss (CF)	72,667	235,461	209,127	407,245	154,075	140,169	130,893	99,056	35,064	88,256	140,243	430,604	281,842	2,424,702
System Loss (%)	3.2%	9.4%	6.6%	12.9%	5.3%	5.4%	9.2%	3.3%	1.6%	4.5%	6.8%	17.4%	10.6%	7.5%
System Loss (GPM)	12.2	43.7	32.9	70.5	25.8	23.5	37.8	12.0	5.9	16.4	22.8	74.6	50.5	34.2
Month to Month Averaging ***														
System Loss (CF)	36,334	154,064	222,294	308,186	280,660	147,122	135,531	114,975	67,060	61,660	114,250	285,424	356,223	2,283,783
System Loss (%)	1.6%	6.3%	8.0%	9.8%	9.1%	5.4%	7.3%	6.3%	2.5%	3.1%	5.7%	12.1%	14.0%	7.1%
System Loss (GPM)	6.1	27.9	38.3	51.7	48.2	24.7	30.6	24.9	8.9	11.1	19.6	48.7	62.5	32.2
Estimated Uses														
Known leaks - Est. loss	3,891	4,589	2,880	16,789	3,599	4,420	11,551	30,481	1,738	3,556	10,624	7,246	3,851	105,215
Total Estimated Uses	3,891	4,589	2,880	16,789	3,599	4,420	11,551	30,481	1,738	3,556	10,624	7,246	3,851	105,215
Unaccounted for Water (CF)	68,776	230,872	206,247	390,456	150,476	135,749	119,342	68,575	33,326	84,700	129,619	423,358	277,992	2,319,487
Unaccounted For (%)	3.0%	9.2%	6.6%	12.3%	5.2%	5.2%	8.4%	2.3%	1.6%	4.4%	6.3%	17.1%	10.5%	7.2%
Unaccounted For (GPM)	11.5	42.8	32.5	67.6	25.2	22.7	34.4	8.3	5.6	15.7	21.0	73.3	49.8	32.7
Number of Days in Period	31	28	33	30	31	31	18	43	31	28	32	30	29	368

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

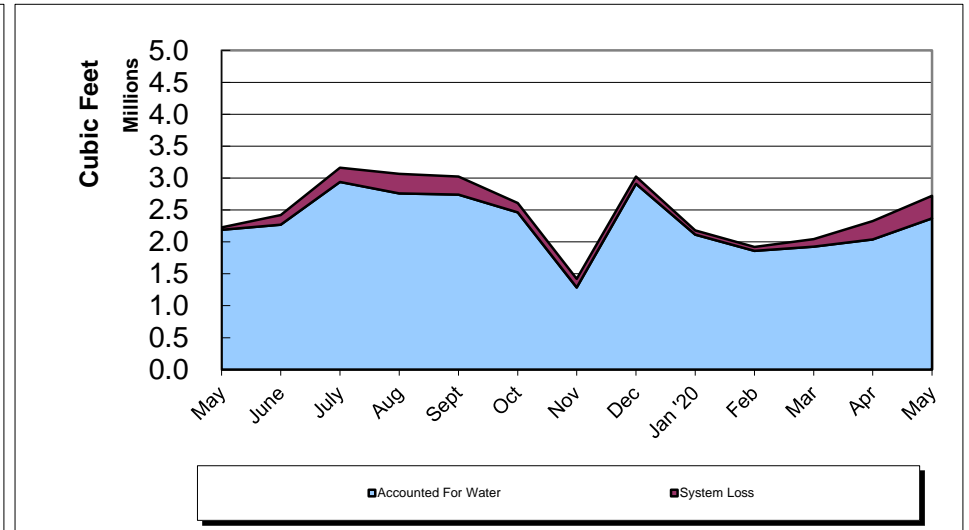
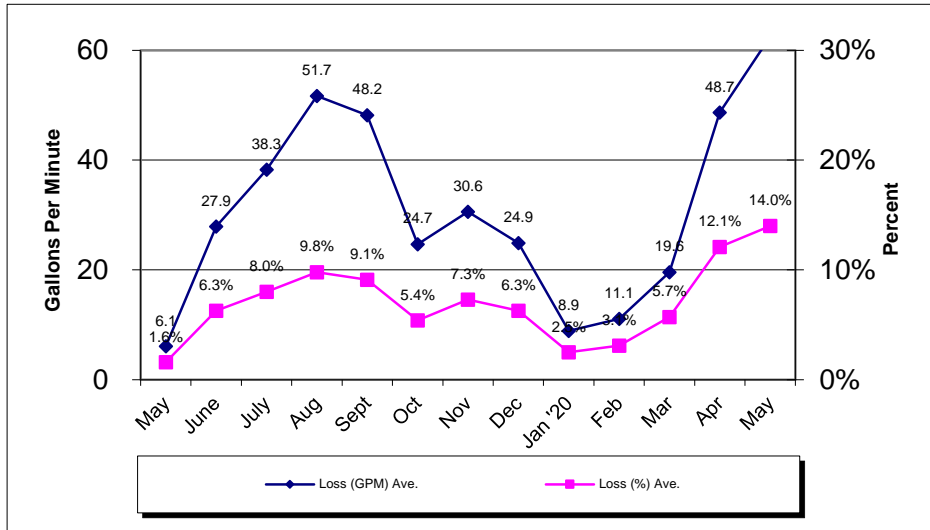
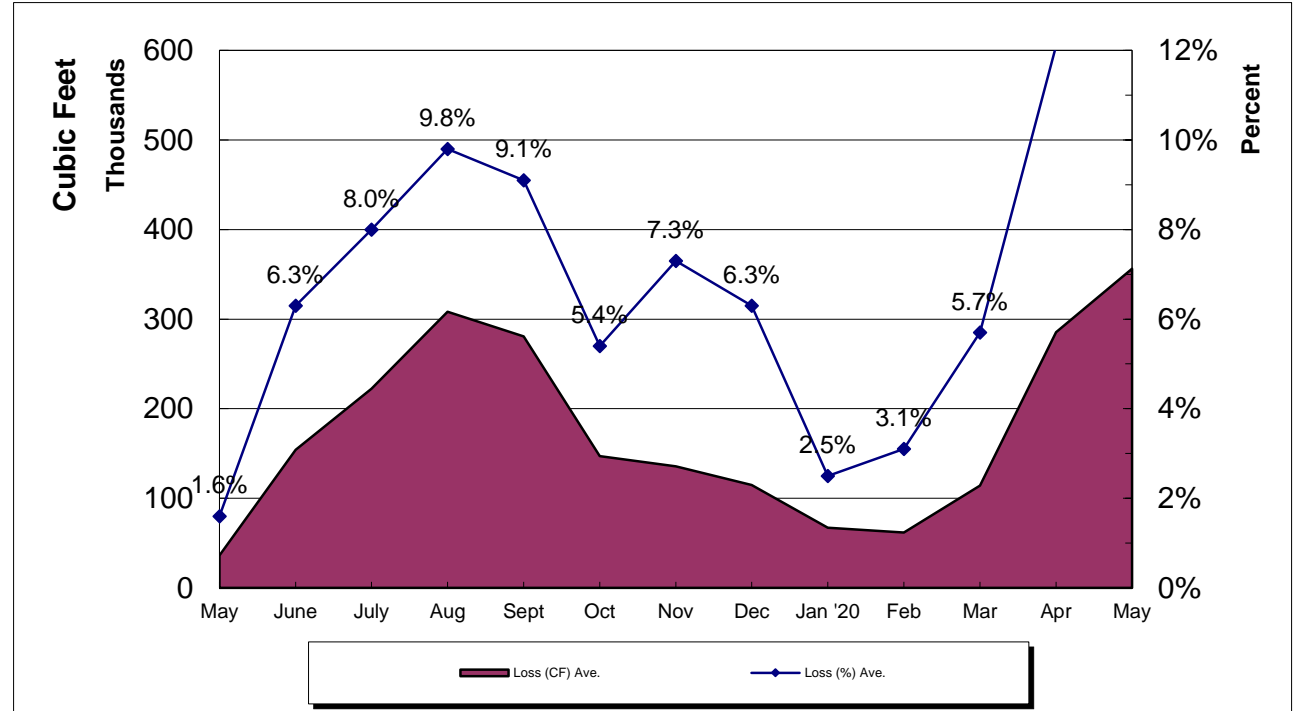
*** - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$9,404	\$4,638
Cost of 5% System Loss:	3,497	3,278
Amount above (below) 5% System Loss	\$5,907	\$1,360
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: 04/30/20

For Month of: December 2019

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,752	17.70	296,510	76.94%
Saxon	337,674	14,681	17.62	258,679	76.61%
Pinecrest I & II	2,063,492	54,302	33.00	1,791,966	86.84%
Zurich	380,500	18,789	17.97	337,638	88.74%
Lakeview	1,230,212	27,955	35.10	981,221	79.76%
Old Mill	705,900	27,151	22.65	614,970	87.12%
Barn	444,443	19,752	19.26	380,424	85.60%
Wilson	983,681	33,915	25.48	864,154	87.85%
Chillon	337,674	14,679	17.88	262,461	77.73%
Brookside	748,067	28,772	18.62	535,735	71.62%
Chamois	1,026,532	39,482	22.59	891,898	86.88%
Total	8,643,529		247.87	7,215,656	83.48%

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	124,211	On
Pioneer-2	50,867	On
Pioneer-1	83,890	On
Old Mill Springs	115,618	On
Maple Springs	80,785	On
Willow Springs	77,910	On
Brookside Springs	58,430	On
Hillside Springs	0	Off
Pinecrest 1 & 2	140,437	On
Pinecrest Vertical	171,105	On
Cypress Vertical	111,050	On
Anderson Vertical	144,480	On
Wilson Springs 1 & 2	167,257	On
Wilson Vertical	159,575	On
Felsen Vertical	138,813	On
Horst	114,238	On
Jewel 64	86,619	On
Cathcart	32,604	On
Bergschrund	39,379	On
Chamois	395,737	Off
Chamois Vertical	25,626	On
	0	0
	0	0
	0	0
Lewter	0	Off
Total	2,318,631	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	0	0	0	0.00%	0
Mile High 2"	0	0	0	0.00%	0
Mile High 4"	0	0	0	0.00%	0
Pinecrest 2"	16	80	(64)	-80.00%	152,380
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	0	0	0.00%	0
Total	16	80	(64)	-80.00%	152,380

<u>April Purchases</u>	GPM	Cubic Feet	<u>Wells</u>	GPM	Cubic Feet
Last Year M-T-D:	175.3	1,012,428		186.3	1,075,957
Actual M-T-D:	26.4	152,380		401.5	2,318,631
Over/(Under) Last Year:	(148.9)	(860,048.0)		215.2	1,242,674.0

<u>Total</u>	GPM	Cubic Feet
Last Year M-T-D:	361.6	2,088,385
Actual M-T-D:	427.9	2,471,011
Over/(Under) Last Year:	66.3	382,626.0

Crestline Village Water District
System Report on: 05/29/20

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,752	19.70	330,014	85.64%
Saxon	337,674	14,681	17.86	262,203	77.65%
Pinecrest I & II	2,063,492	54,302	30.35	1,648,066	79.87%
Zurich	380,500	18,789	19.93	374,465	98.41%
Lakeview	1,230,212	27,955	30.71	858,498	69.78%
Old Mill	705,900	27,151	21.92	595,150	84.31%
Barn	444,443	19,752	19.09	377,066	84.84%
Wilson	983,681	33,915	25.85	876,703	89.12%
Chillon	337,674	14,679	16.78	246,314	72.94%
Brookside	748,067	28,772	21.87	629,244	84.12%
Chamois	1,026,532	39,482	21.50	848,863	82.69%
Total	8,643,529		245.56	7,046,586	81.52%

For Month of: May 2020

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	111,619	On
Pioneer-2	48,897	On
Pioneer-1	54,930	On
Old Mill Springs	103,473	On
Maple Springs	90,384	On
Willow Springs	83,350	On
Brookside Springs	60,210	On
Hillside Springs	0	Off
Pinecrest 1 & 2	144,079	On
Pinecrest Vertical	164,618	On
Cypress Vertical	104,650	On
Anderson Vertical	143,958	On
Wilson Springs 1 & 2	178,689	On
Wilson Vertical	161,150	On
Felsen Vertical	169,856	On
Horst	118,853	On
Jewel 64	84,357	On
Cathcart	31,506	On
Bergschrund	38,195	On
Chamois	0	Off
Chamois Vertical	43,683	On
	0	0
	0	0
	0	0
Lewter	0	Off
Total	1,936,457	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	4	0	4	0.00%	102,139
Mile High 2"	42	50	(8)	-16.00%	127,968
Mile High 4"	0	0	0	0.00%	0
Pinecrest 2"	82	90	(8)	-8.89%	413,329
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	22	0	22	0.00%	69,118
Total	128	140	(12)	-8.57%	712,554

<u>May Purchases</u>	GPM	Cubic Feet	<u>Wells</u>	GPM	Cubic Feet
Last Year M-T-D:	169.9	948,533		172.0	960,256
Actual M-T-D:	127.6	712,554		346.9	1,936,457
Over/(Under) Last Year:	(42.3)	(235,979.0)		174.9	976,201.0

<u>Total</u>	GPM	Cubic Feet
Last Year M-T-D:	341.9	1,908,789
Actual M-T-D:	474.5	2,649,011
Over/(Under) Last Year:	132.6	740,222.0

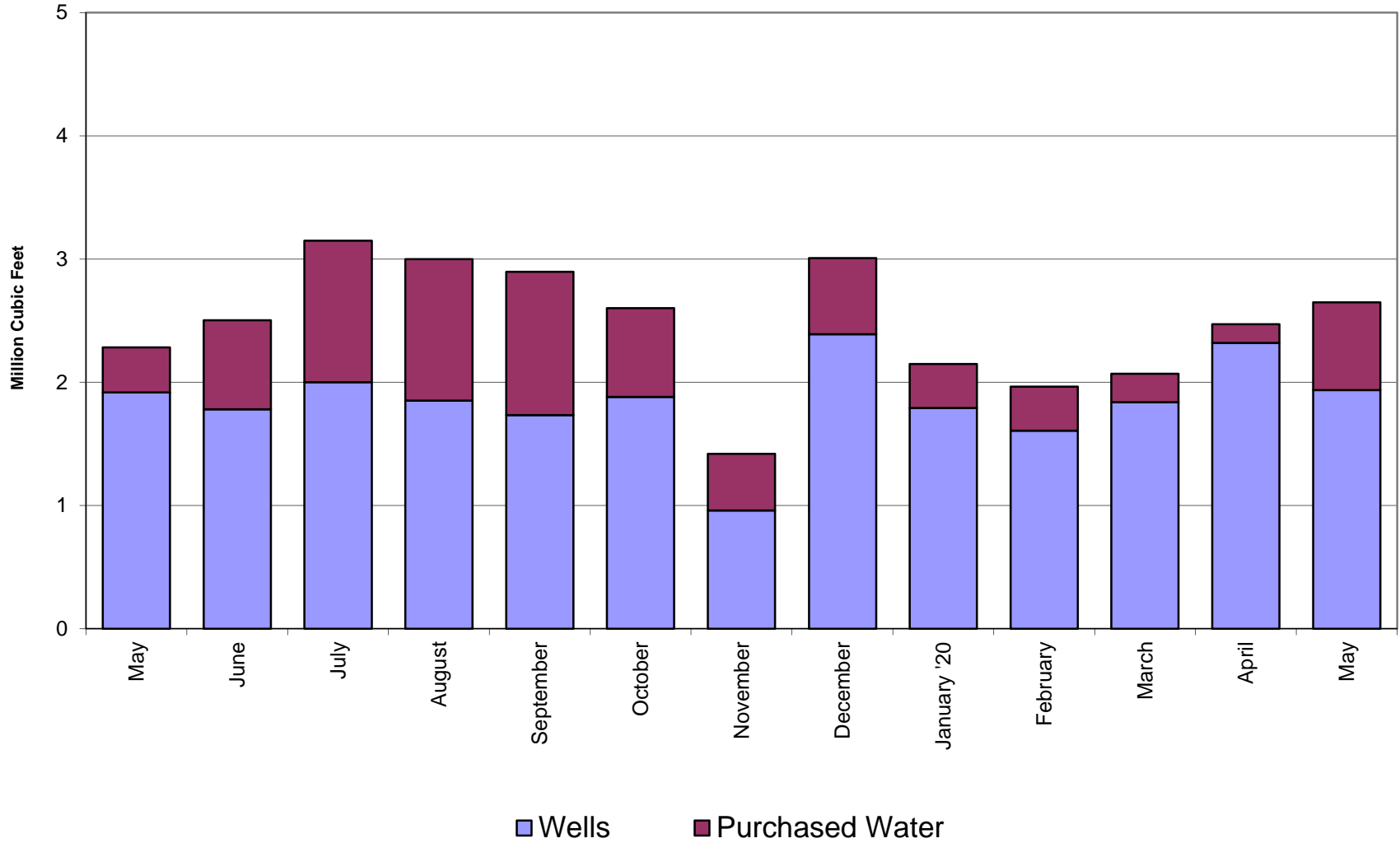
Crestline Village Water District
Source of Supply Production Report
Cubic Feet
Last 13 Months

06/08/20

<u>Source Name</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 '20</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>Last 12 Months</u>	<u>13 Months</u>
Division 10															
Altdorf	106,117	95,034	110,795	82,955	66,124	85,025	26,391	126,445	58,099	87,901	92,963	124,211	111,619	1,067,562	1,173,679
Pioneer #2	53,461	47,897	56,812	51,594	53,115	53,002	31,041	66,392	54,349	47,783	53,421	50,867	48,897	615,170	668,631
Pioneer #1	59,978	57,997	55,460	61,312	60,335	63,551	24,043	85,482	66,537	51,933	75,743	83,890	54,930	741,213	801,191
Old Mill Springs	95,600	81,690	77,620	38,960	710	76,506	29,825	85,657	64,038	53,964	66,896	115,618	103,473	794,957	890,557
Maple Springs	95,089	81,843	96,864	87,918	76,131	92,290	32,606	106,306	51,833	79,506	85,709	80,785	90,384	962,175	1,057,264
Willow Springs	113,180	96,050	105,860	90,630	85,690	76,130	38,140	81,640	60,120	49,330	53,910	77,910	83,350	898,760	1,011,940
Brookside Springs	73,920	15,360	85,470	46,070	38,890	33,240	17,930	42,360	30,600	24,650	31,080	58,430	60,210	484,290	558,210
Hillside Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pinecrest	53,350	33,700	29,330	25,650	2,869	157,931	66,192	124,184	109,624	92,030	104,165	140,437	144,079	1,030,191	1,083,541
Pinecrest Vertical	224,054	203,051	241,416	210,285	188,037	206,157	110,960	237,150	185,570	165,043	174,034	171,105	164,618	2,257,426	2,481,480
Cypress Vertical	0	0	78,500	145,210	134,150	4,250	0	180,290	134,680	106,840	123,660	111,050	104,650	1,123,280	1,123,280
Anderson Vertical	160,814	146,982	171,651	150,424	157,146	153,191	87,828	191,822	150,044	132,072	148,117	144,480	143,958	1,777,715	1,938,529
Division 10 Totals	1,035,563	859,604	1,109,778	991,008	863,197	1,001,273	464,956	1,327,728	965,494	891,052	1,009,698	1,158,783	1,110,168	11,752,739	12,788,302
Division 20															
Wilson Springs #1 & 2	193,324	179,547	222,598	199,414	199,875	189,633	108,066	223,372	173,750	150,067	165,786	167,257	178,689	2,158,054	2,351,378
Wilson Vertical	167,427	142,610	132,012	165,480	154,713	171,684	91,929	185,593	160,866	148,192	160,015	159,575	161,150	1,833,819	2,001,246
Felsen Vertical	175,083	159,480	187,446	169,819	173,107	171,787	97,884	210,822	170,533	154,063	173,514	138,813	169,856	1,977,124	2,152,207
Horst	142,356	130,505	155,235	126,761	148,327	141,419	79,031	170,391	125,219	106,774	116,189	114,238	118,853	1,532,942	1,675,298
Jewell No. 64	83,396	235,156	86,306	76,683	65,197	80,716	46,032	111,352	79,990	71,065	82,853	86,619	84,357	1,106,326	1,189,722
Cathcart	36,838	30,811	36,070	29,349	35,441	33,536	18,534	44,036	32,579	27,921	31,259	32,604	31,506	383,646	420,484
Bergschrund	47,111	41,698	47,841	39,496	40,466	37,360	20,680	46,138	32,387	28,153	31,827	39,379	38,195	443,620	490,731
Chamois	0	0	0	0	0	0	0	0	0	0	0	395,737	0	395,737	395,737
Chamois Vertical	35,080	0	23,070	52,560	53,650	53,210	30,930	70,630	49,990	28,920	66,440	25,626	43,683	498,709	533,789
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	880,615	919,807	890,578	859,562	870,776	879,345	493,086	1,062,334	825,314	715,155	827,883	1,159,848	826,289	10,329,977	11,210,592
Total District Sources	1,916,178	1,779,411	2,000,356	1,850,570	1,733,973	1,880,618	958,042	2,390,062	1,790,808	1,606,207	1,837,581	2,318,631	1,936,457	22,082,716	23,998,894
C.L.A.W.A.															
Crest Forest 6"	20,187	0	0	0	299,465	215,775	151,872	154,412	81,818	81,818	0	0	102,139	1,087,299	1,107,486
Mile High Park 2"	0	0	0	0	0	163,356	102,701	46,524	0	0	0	0	127,968	440,549	440,549
Mile High Park 4"	0	170,588	249,064	249,064	327,807	0	0	0	0	0	0	0	0	996,523	996,523
Pinecrest 2"	261,070	0	0	0	107	0	0	109,799	38,356	38,356	91,979	152,380	413,329	844,306	1,105,376
Pinecrest 4"	0	527,807	706,016	706,016	472,995	340,909	187,299	306,417	188,904	188,904	138,235	0	0	3,763,502	3,763,502
Lake Drive 2"	0	0	141,003	141,003	32,233	0	0	0	0	0	0	0	0	314,239	314,239
Lake Drive 4"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp Seely	84,492	25,000	52,540	52,540	29,947	0	17,781	0	48,663	48,663	0	0	69,118	344,252	428,744
C.L.A.W.A. Totals	365,749	723,395	1,148,623	1,148,623	1,162,554	720,040	459,653	617,152	357,741	357,741	230,214	152,380	712,554	7,790,670	8,156,419
Grand Totals	2,281,927	2,502,806	3,148,979	2,999,193	2,896,527	2,600,658	1,417,695	3,007,214	2,148,549	1,963,948	2,067,795	2,471,011	2,649,011	29,873,386	32,155,313

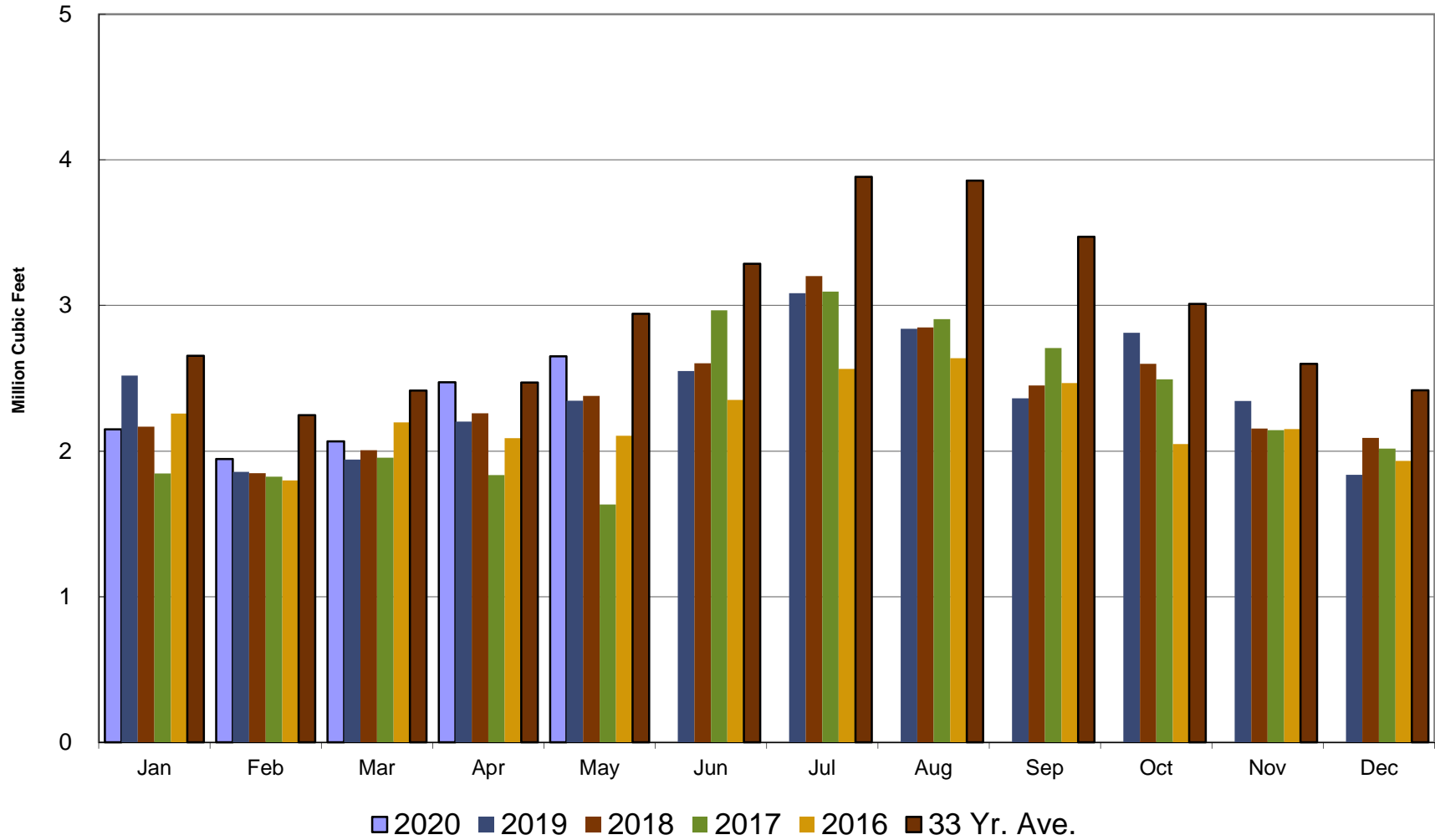
Crestline Village Water District

Water Sources - Last 13 Months



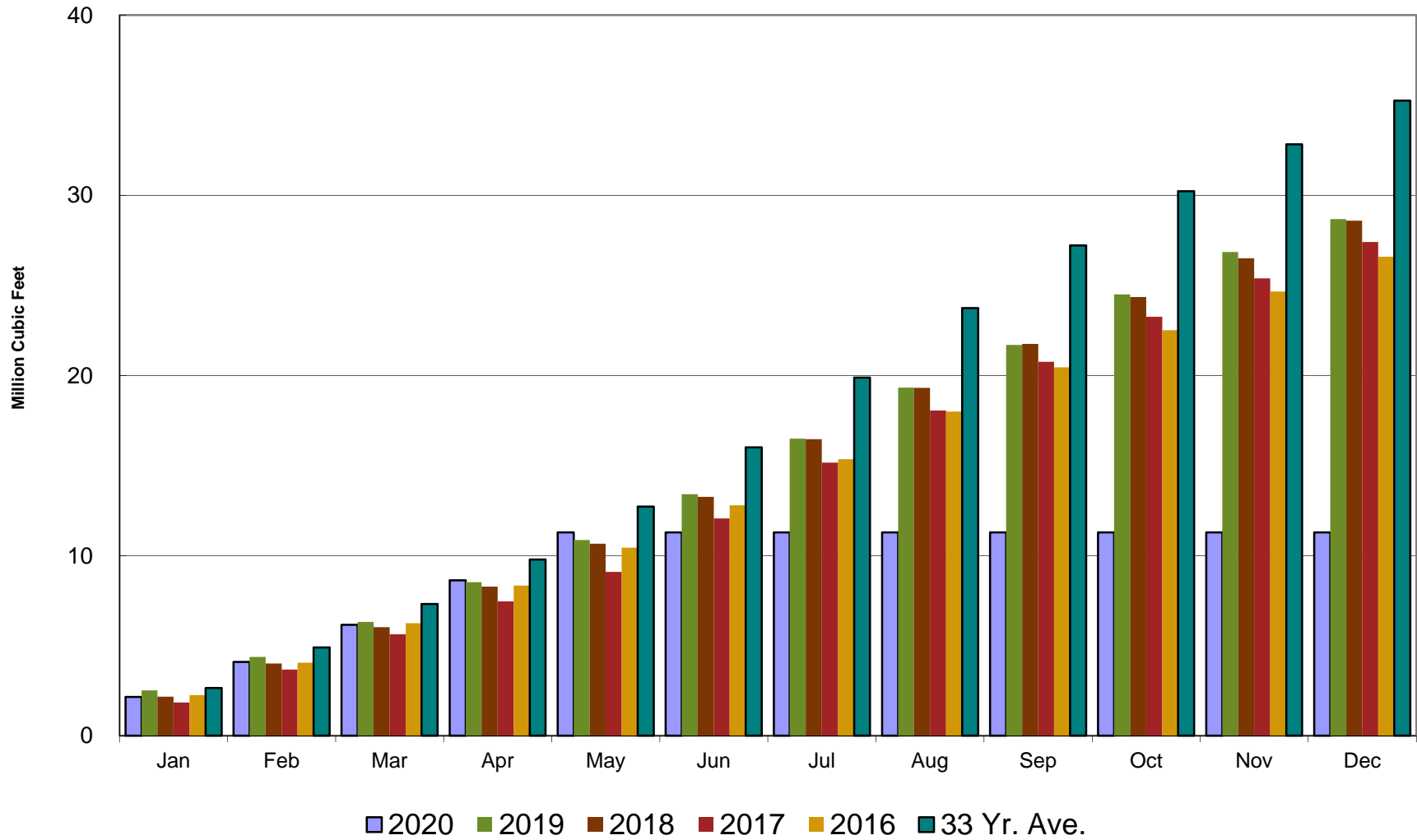
Crestline Village Water District

Total Production by Month



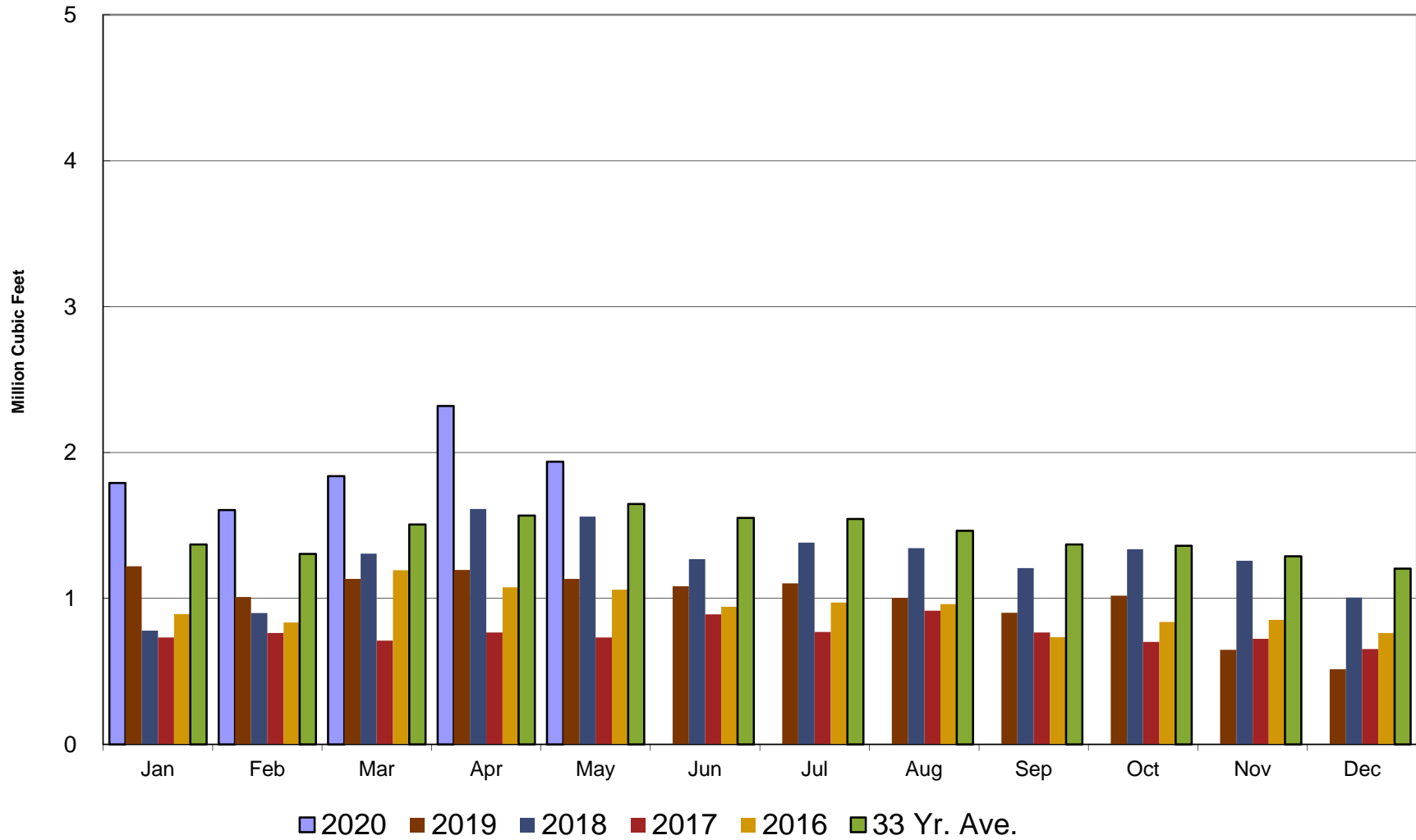
Crestline Village Water District

Total Production Cumulative



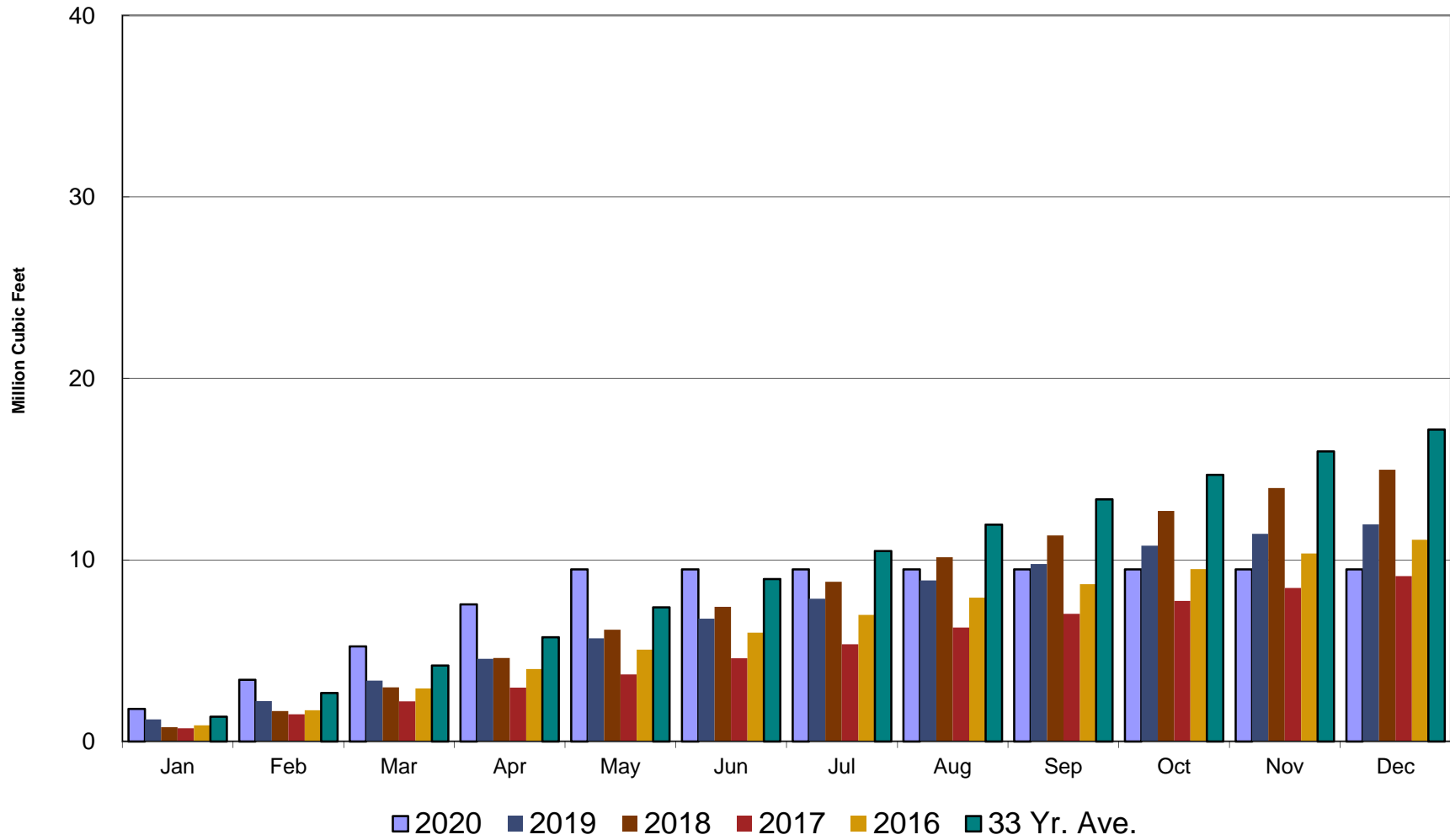
Crestline Village Water District

Well Production by Month



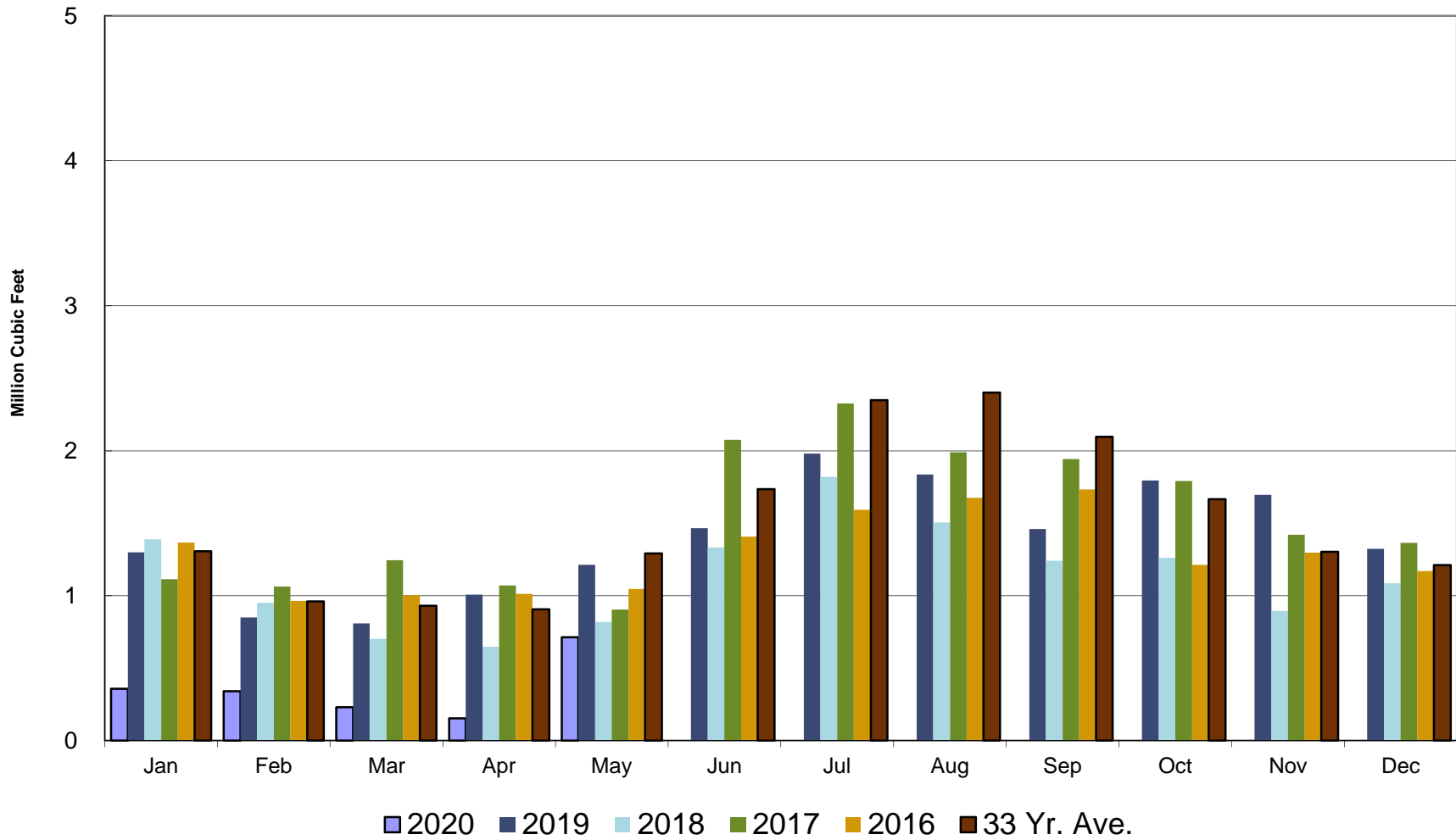
Crestline Village Water District

Well Production Cumulative



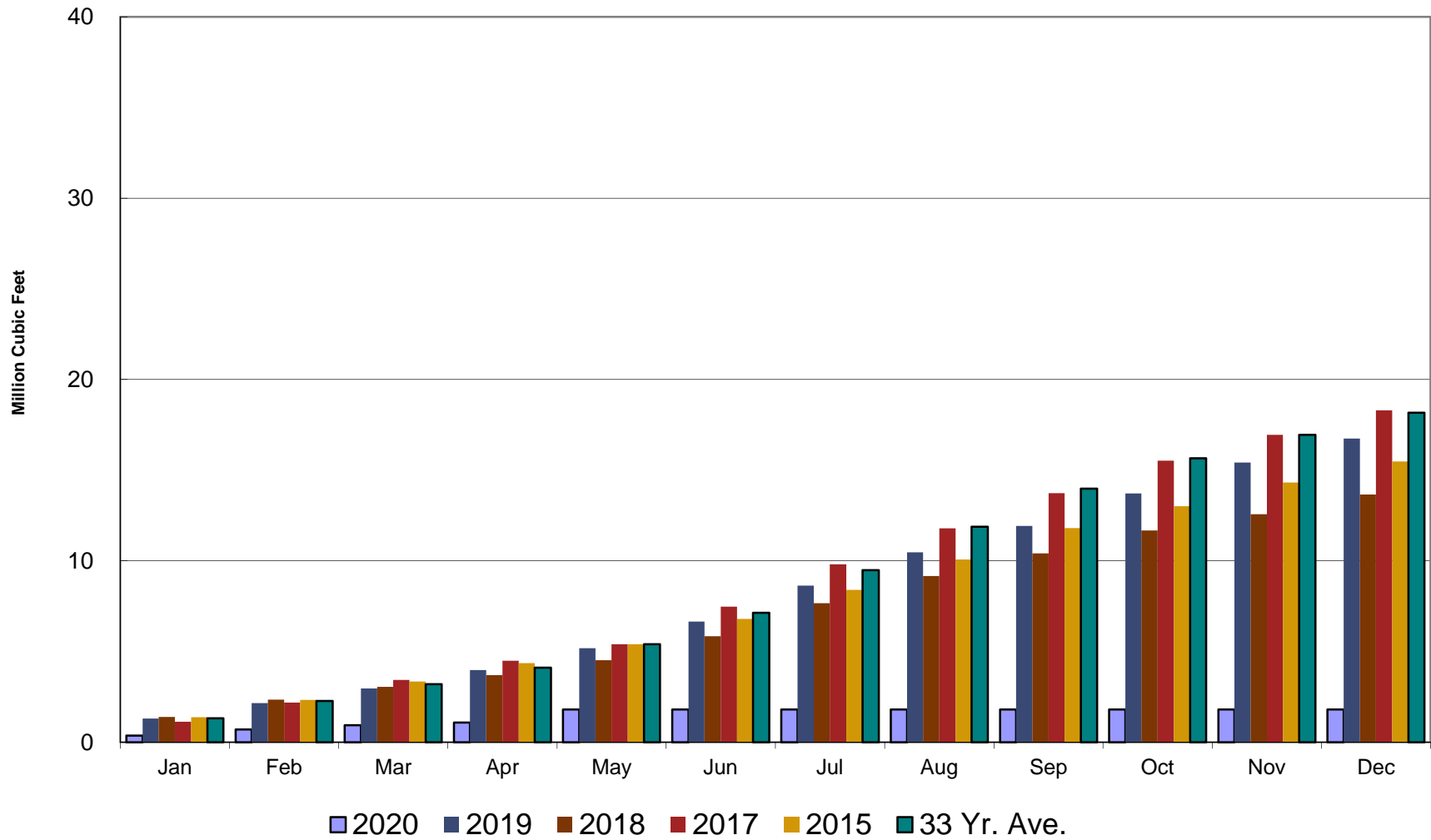
Crestline Village Water District

Purchased Water by Month



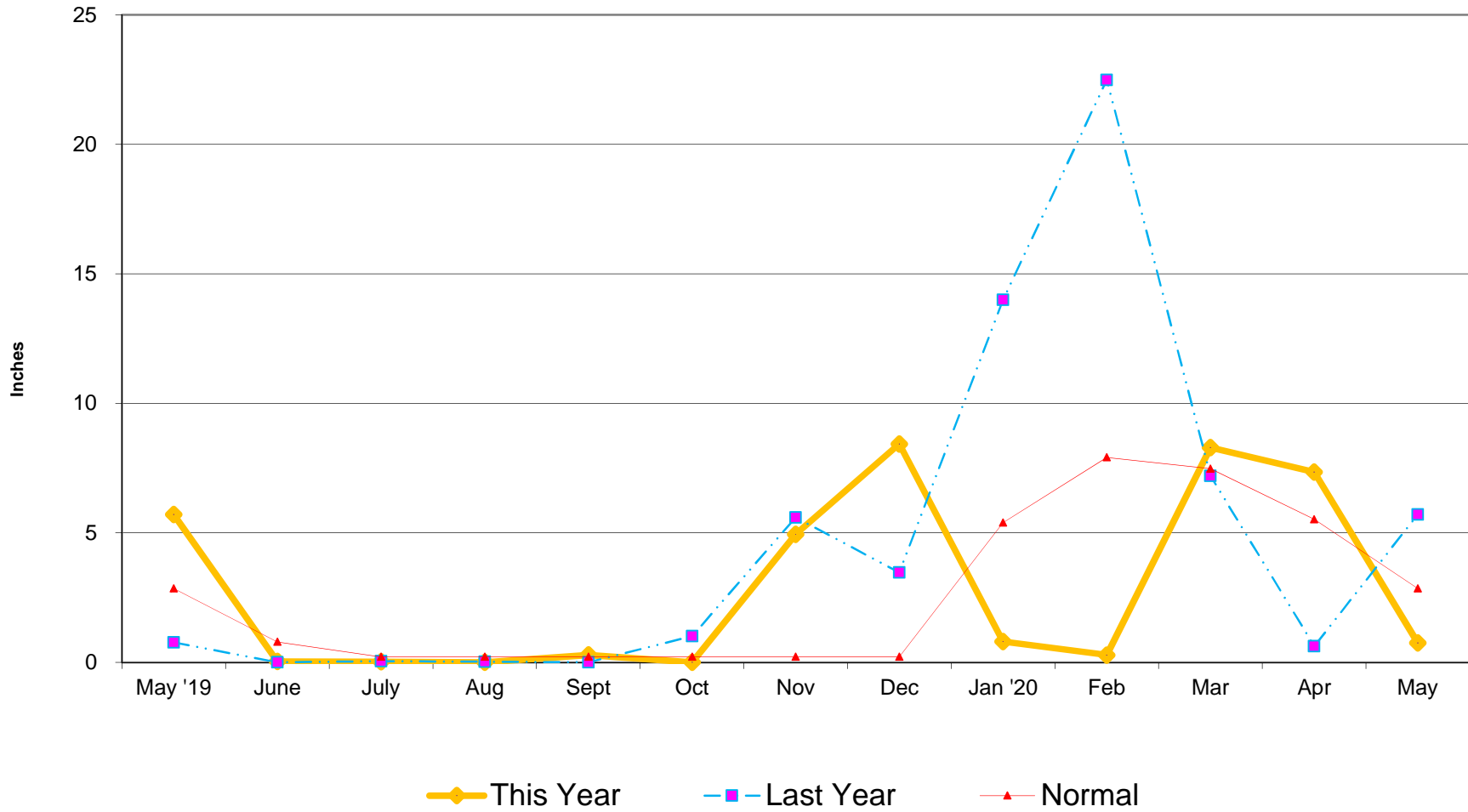
Crestline Village Water District

Purchased Water Cumulative



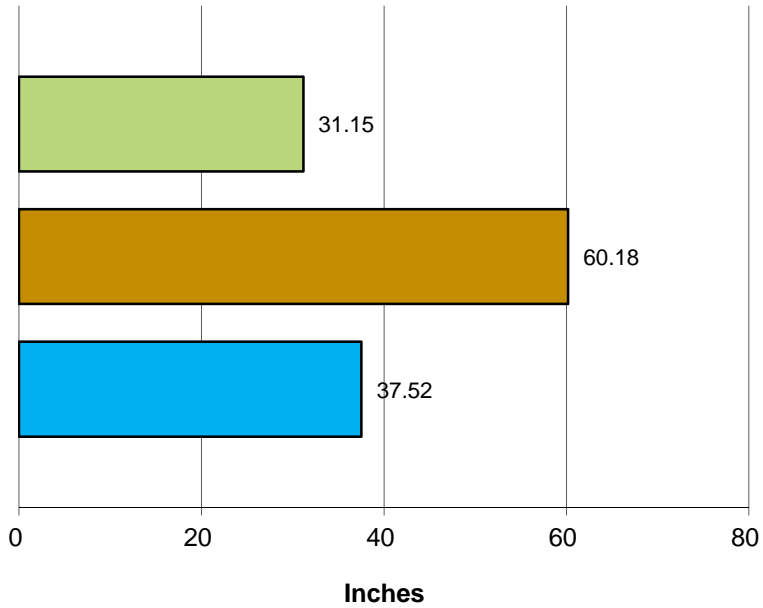
Crestline Village Water District

Rainfall - Last 13 Months



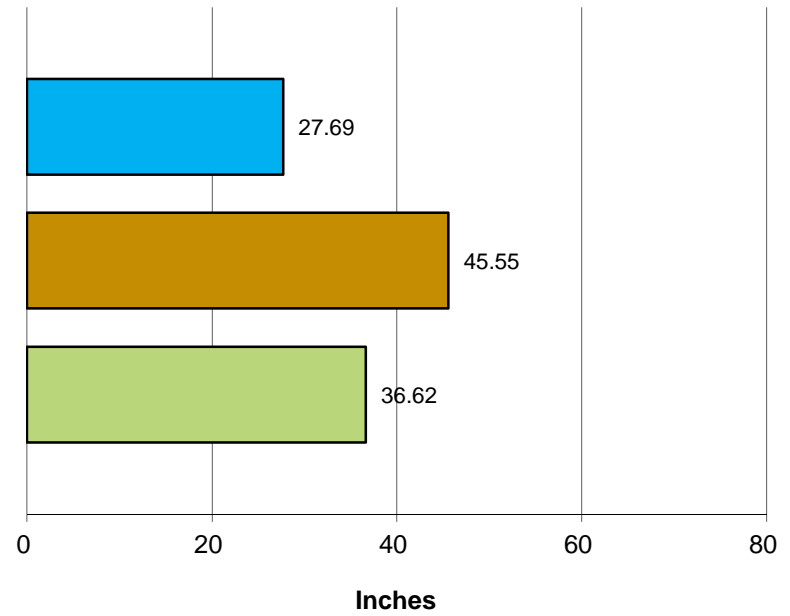
Crestline Village Water District

**Total Rainfall
July 1, 2019 to
Beginning of Current Month**



■ This Year ■ Last Year ■ Normal

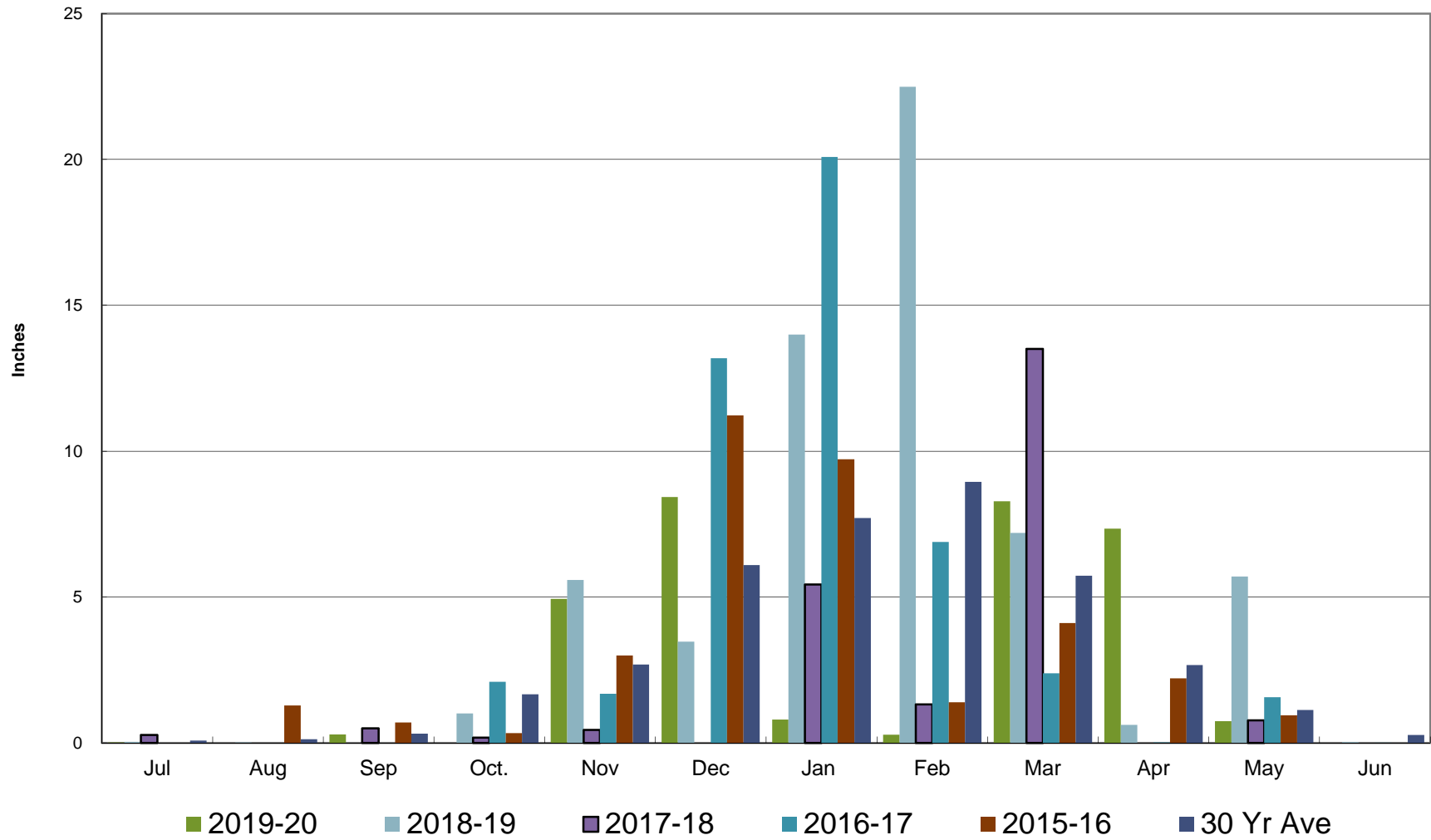
**Total Rainfall
Last 12 Months**



■ This Year ■ Last Year ■ Normal

Crestline Village Water District

Rainfall by Month



Crestline Village Water District

Rainfall Cumulative

