

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

09/14/20

	Aug	Sept	Oct	Nov	Dec	Jan '20	Feb	Mar	Apr	May	June	July	August	Total
Sources of Supply														
Wells	1,850,570	1,733,973	1,880,618	958,042	2,390,062	1,790,808	1,606,207	1,837,581	1,922,894	1,936,457	978,249	1,740,467	1,863,039	22,488,967
Purchased Water	1,315,362	1,162,554	720,040	459,653	617,152	357,741	340,374	230,214	152,380	712,554	2,069,986	1,827,648	1,490,709	11,456,367
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Supplied	3,165,932	2,896,527	2,600,658	1,417,695	3,007,214	2,148,549	1,946,581	2,067,795	2,075,274	2,649,011	3,048,235	3,568,115	3,353,748	33,945,334
Water Used **														
Metered Accounts				Estimated	Estimated	Estimated	Estimated	Estimated	Estimated					
Crestline Area	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	1,472,427	1,222,700	1,514,100	15,037,118
Lake Gregory Area	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	1,421,523	1,500,193	1,547,306	15,966,047
Change in Storage	(5,495)	15,748	(52,443)	55,296	(55,082)	10,066	50,336	(59,149)	31,091	(25,534)	(1,437)	33,262	6,059	2,718
Flushing, System & Other	15,408	14,484	27,122	14,439	14,439	14,439	14,439	14,439	14,439	30,128	15,107	14,439	14,773	218,096
Accounted for Water	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	2,907,620	2,770,594	3,082,238	31,223,979
System Loss (CF)	407,245	154,075	140,169	130,893	99,056	35,064	88,256	140,243	34,867	281,842	140,615	797,521	271,510	2,721,355
System Loss (%)	12.9%	5.3%	5.4%	9.2%	3.3%	1.6%	4.5%	6.8%	1.7%	10.6%	4.6%	22.4%	8.1%	8.0%
System Loss (GPM)	70.5	25.8	23.5	37.8	12.0	5.9	16.4	22.8	6.0	50.5	22.8	133.6	45.5	38.4

Month to Month Averaging ***														
System Loss (CF)	203,622	280,660	147,122	135,531	114,975	67,060	61,660	114,250	87,555	158,355	211,228	469,068	534,516	2,585,602
System Loss (%)	6.4%	9.1%	5.4%	7.3%	6.3%	2.5%	3.1%	5.7%	4.2%	6.2%	7.6%	13.5%	15.2%	7.6%
System Loss (GPM)	35.3	48.2	24.7	30.6	24.9	8.9	11.1	19.6	14.4	28.3	36.7	78.2	89.6	36.5

Estimated Uses														
Known leaks - Est. loss	16,789	3,599	4,420	11,551	30,481	1,738	3,556	10,624	7,246	3,851	3,850	0	10,695	108,400
Total Estimated Uses	16,789	3,599	4,420	11,551	30,481	1,738	3,556	10,624	7,246	3,851	3,850	0	10,695	108,400
Unaccounted for Water (CF)	390,456	150,476	135,749	119,342	68,575	33,326	84,700	129,619	27,621	277,992	136,764	797,521	260,815	2,612,955
Unaccounted For (%)	12.3%	5.2%	5.2%	8.4%	2.3%	1.6%	4.4%	6.3%	1.3%	10.5%	4.5%	22.4%	7.8%	7.7%
Unaccounted For (GPM)	67.6	25.2	22.7	34.4	8.3	5.6	15.7	21.0	4.8	49.8	22.2	133.6	43.7	36.9
Number of Days in Period	30	31	31	18	43	31	28	32	30	29	32	31	31	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 Sup

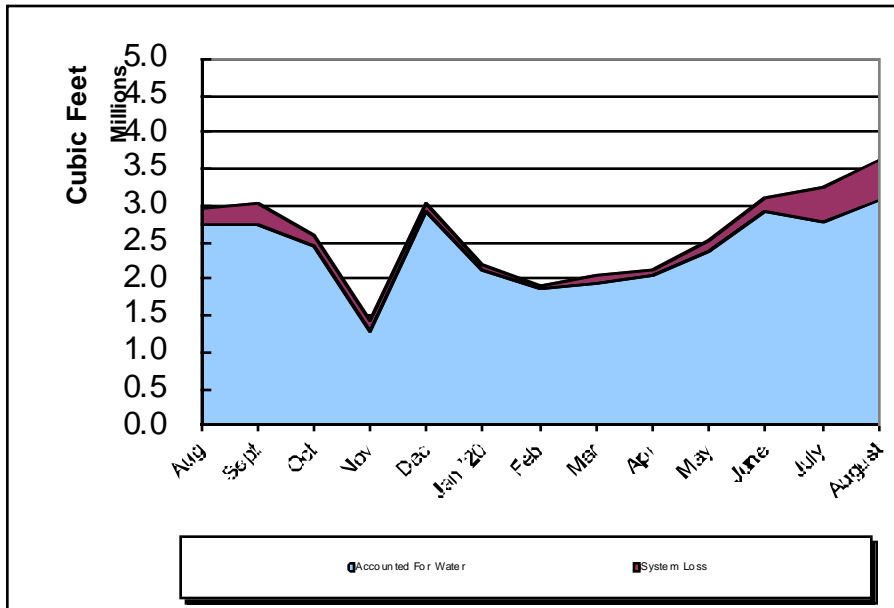
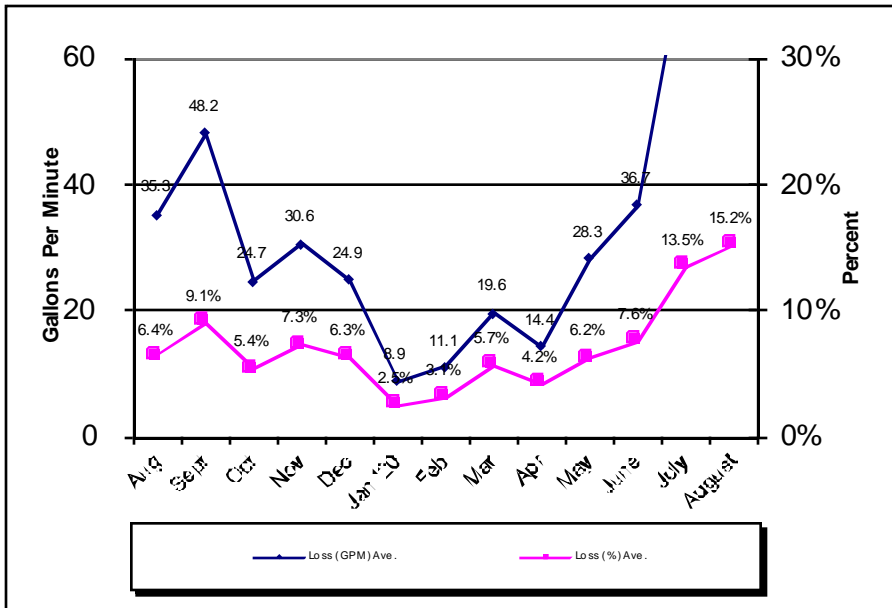
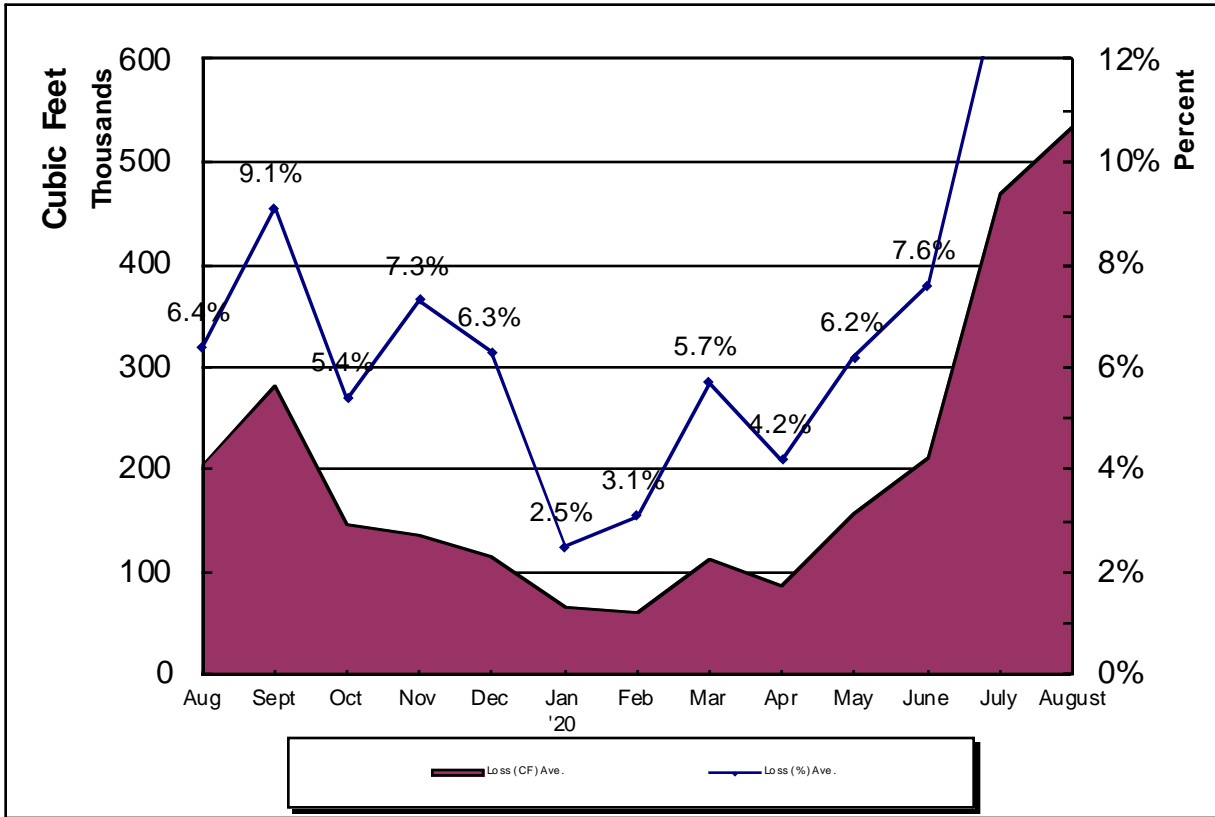
*** - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$14,111	\$5,251
Cost of 5% System Loss:	4,427	3,447
Amount above (below) 5% System Loss	\$9,684	\$1,804
Note: Cost is calculated at highest cost (CLAWA Rate: \$2.64/100)		

Crestline Village Water District

System Loss Last 13 Months

With Month to Month Averaging



Crestline Village Water District
System Report on: 08/31/20

For Month of: August 2020

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,752	19.10	319,963	83.03%
Saxon	337,674	14,681	19.00	278,939	82.61%
Pinecrest I & II	2,063,492	54,302	32.70	1,775,675	86.05%
Zurich	380,500	18,789	19.00	356,991	93.82%
Lakeview	1,230,212	27,955	39.20	1,095,836	89.08%
Old Mill	705,900	27,151	22.90	621,758	88.08%
Barn	444,443	19,752	17.00	335,784	75.55%
Wilson	983,681	33,915	23.80	807,177	82.06%
Chillon	337,674	14,679	15.90	233,396	69.12%
Brookside	748,067	28,772	21.60	621,475	83.08%
Chamois	1,026,532	39,482	22.10	872,552	85.00%
Total	8,643,529		252.30	7,319,546	84.68%

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	82,909	On
Pioneer-2	50,802	On
Pioneer-1	59,291	On
Old Mill Springs	66,529	On
Maple Springs	81,996	On
Willow Springs	67,390	On
Brookside Springs	40,170	On
Hillside Springs	0	Off
Pinecrest 1 & 2	118,147	On
Pinecrest Vertical	174,453	On
Cypress Vertical	106,410	On
Anderson Vertical	150,060	On
Wilson Springs 1 & 2	193,948	On
Wilson Vertical	172,853	On
Felsen Vertical	180,310	On
Horst	124,713	On
Jewel 64	81,872	On
Cathcart	30,164	On
Bergschrund	36,622	On
Chamois	0	Off
Chamois Vertical	44,400	On
	0	0
	0	0
	0	0
Lewter	0	Off
Total	1,863,039	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	47	50	(3)	-6.00%	289,706
Mile High 2"	46	50	(4)	-8.00%	298,730
Mile High 4"	0	0	0	0.00%	0
Pinecrest 2"	0	0	0	0.00%	0
Pinecrest 4"	137	130	7	5.38%	902,273
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	230	230	0	0.00%	1,490,709

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:	249.8	1,490,709		312.2	1,863,039
Over/(Under) Last Year:	(30.8)	(183,888.0)		151.1	901,608.0

Total	GPM	Cubic Feet
Last Year M-T-D:	441.7	2,636,028
Actual M-T-D:	562.0	3,353,748
Over/(Under) Last Year:	120.3	717,720.0

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

09/11/20

Source Name	August '19	September	October	November	December	January '20	February	March	April	May	June	July	August	Last 12	
														Months	13 Months
Division 10															
Altdorf	82,955	66,124	85,025	26,391	126,445	58,099	87,901	92,963	124,211	111,619	110,558	81,397	82,909	1,053,688	1,136,597
Pioneer #2	51,594	53,115	53,002	31,041	66,392	54,349	47,783	53,421	50,867	48,897	53,704	50,050	50,802	614,215	665,017
Pioneer #1	61,312	60,335	63,551	24,043	85,482	66,537	51,933	75,743	83,890	54,930	53,873	57,289	59,291	738,918	798,209
Old Mill Springs	38,960	710	76,506	29,825	85,657	64,038	53,964	66,896	115,618	103,473	99,951	79,662	66,529	815,260	881,789
Maple Springs	87,918	76,131	92,290	32,606	106,306	51,833	79,506	85,709	80,785	90,384	97,343	78,650	81,996	959,461	1,041,457
Willow Springs	90,630	85,690	76,130	38,140	81,640	60,120	49,330	53,910	77,910	83,350	82,350	73,280	67,390	852,480	919,870
Brookside Springs	46,070	38,890	33,240	17,930	42,360	30,600	24,650	31,080	58,430	60,210	56,750	40,720	40,170	480,930	521,100
Hillside Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pinecrest	25,650	2,869	157,931	66,192	124,184	109,624	92,030	104,165	140,437	144,079	151,559	131,906	118,147	1,250,626	1,368,773
Pinecrest Vertical	210,285	188,037	206,157	110,960	237,150	185,570	165,043	174,034	171,105	164,618	178,338	176,025	174,453	2,167,322	2,341,775
Cypress Vertical	145,210	134,150	4,250	0	180,290	134,680	106,840	123,660	111,050	104,650	113,640	107,340	106,410	1,265,760	1,372,170
Anderson Vertical	150,424	157,146	153,191	87,828	191,822	150,044	132,072	148,117	144,480	143,958	160,332	152,604	150,060	1,772,018	1,922,078
Division 10 Totals	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	1,158,398	1,028,923	998,157	11,970,678	12,968,835
Division 20															
Wilson Springs #1 & :	199,414	199,875	189,633	108,066	223,372	173,750	150,067	165,786	167,257	178,689	195,762	198,185	193,948	2,149,856	2,343,804
Wilson Vertical	165,480	154,713	171,684	91,929	185,593	160,866	148,192	160,015	159,575	161,150	179,677	9,303	172,853	1,748,177	1,921,030
Felsen Vertical	169,819	173,107	171,787	97,884	210,822	170,533	154,063	173,514	138,813	169,856	188,758	179,333	180,310	1,998,289	2,178,599
Horst	126,761	148,327	141,419	79,031	170,391	125,219	106,774	116,189	114,238	118,853	135,799	127,132	124,713	1,510,133	1,634,846
Jewell No. 64	76,683	65,197	80,716	46,032	111,352	79,990	71,065	82,853	86,619	84,357	89,430	83,747	81,872	958,041	1,039,913
Cathcart	29,349	35,441	33,536	18,534	44,036	32,579	27,921	31,259	32,604	31,506	33,408	31,052	30,164	381,225	411,389
Bergschrund	39,496	40,466	37,360	20,680	46,138	32,387	28,153	31,827	39,379	38,195	41,179	37,934	36,622	433,194	469,816
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	52,560	53,650	53,210	30,930	70,630	49,990	28,920	66,440	25,626	43,683	47,575	44,858	44,400	568,072	612,472
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	859,562	870,776	879,345	493,086	1,062,334	825,314	715,155	827,883	764,111	826,289	911,588	711,544	864,882	9,746,987	10,611,869
Total District Sources	1,850,570	1,733,973	1,880,618	958,042	2,390,062	1,790,808	1,606,207	1,837,581	1,922,894	1,936,457	2,069,986	1,740,467	1,863,039	21,717,665	23,580,704
C.L.A.W.A.															
Crest Forest 6"	0	299,465	215,775	151,872	154,412	81,818	81,818	0	0	67,246	102,139	307,888	307,888	1,462,433	1,770,321
Mile High Park 2"	0	0	163,356	102,701	46,524	0	0	0	0	260,428	127,968	298,730	298,730	999,707	1,298,437
Mile High Park 4"	249,064	327,807	0	0	0	0	0	0	0	0	0	0	0	576,871	576,871
Pinecrest 2"	0	107	0	0	109,799	38,356	38,356	91,979	152,380	444,559	413,329	444,559	444,559	1,733,424	2,177,983
Pinecrest 4"	706,016	472,995	340,909	187,299	306,417	188,904	188,904	138,235	0	206,016	0	719,920	719,920	3,455,615	4,175,535
Lake Drive 2"	141,003	32,233	0	0	0	0	0	0	0	0	0	0	0	173,236	173,236
Lake Drive 4"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp Seely	52,540	29,947	0	17,781	0	48,663	48,663	0	0	0	69,118	56,551	56,551	323,263	379,814
C.L.A.W.A. Totals	1,148,623	1,162,554	720,040	459,653	617,152	357,741	357,741	230,214	152,380	978,249	712,554	1,827,648	1,827,648	8,724,549	10,552,197
Grand Totals	2,999,193	2,896,527	2,600,658	1,417,695	3,007,214	2,148,549	1,963,948	2,067,795	2,075,274	2,914,706	2,782,540	3,568,115	3,690,687	30,442,214	34,132,901

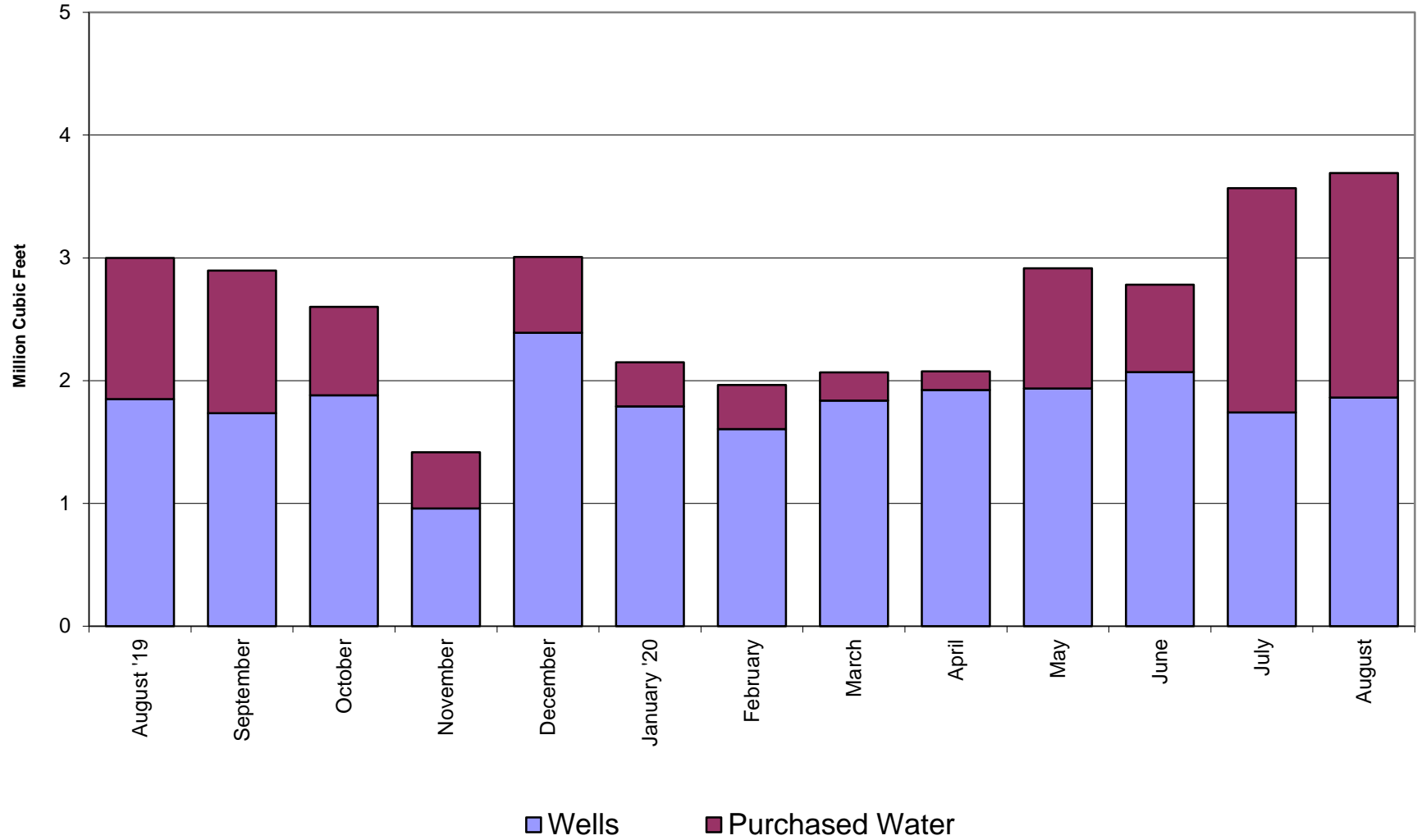
Crestline Village Water District
Source of Supply Production Report
Cubic Feet
Last 13 Months

09/11/20

Source Name	August '19	September	October	November	December	January '20	February	March	April	May	June	July	August	Last 12 Months	13 Months
District Sources															
Division 10	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	1,158,398	1,028,923	998,157	11,970,678	12,968,835
Division 20	859,562	870,776	879,345	493,086	1,062,334	825,314	715,155	827,883	764,111	826,289	911,588	711,544	864,882	9,746,987	10,611,869
Total	1,850,570	1,733,973	1,880,618	958,042	2,390,062	1,790,808	1,606,207	1,837,581	1,922,894	1,936,457	2,069,986	1,740,467	1,863,039	21,717,665	23,580,704
Division 10	53.55%	49.78%	53.24%	48.53%	55.55%	53.91%	55.48%	54.95%	60.26%	57.33%	55.96%	59.12%	53.58%	55.12%	55.00%
Division 20	46.45%	50.22%	46.76%	51.47%	44.45%	46.09%	44.52%	45.05%	39.74%	42.67%	44.04%	40.88%	46.42%	44.88%	45.00%
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	1,850,570	1,733,973	1,880,618	958,042	2,390,062	1,790,808	1,606,207	1,837,581	1,922,894	1,936,457	2,069,986	1,740,467	1,863,039	21,717,665	23,580,704
C.L.A.W.A.	1,148,623	1,162,554	720,040	459,653	617,152	357,741	357,741	230,214	152,380	978,249	712,554	1,827,648	1,827,648	8,724,549	10,552,197
Total Sources	2,999,193	2,896,527	2,600,658	1,417,695	3,007,214	2,148,549	1,963,948	2,067,795	2,075,274	2,914,706	2,782,540	3,568,115	3,690,687	30,442,214	34,132,901
District Sources	61.70%	59.86%	72.31%	67.58%	79.48%	83.35%	81.78%	88.87%	92.66%	66.44%	74.39%	48.78%	50.48%	71.34%	69.08%
C.L.A.W.A.	38.30%	40.14%	27.69%	32.42%	20.52%	16.65%	18.22%	11.13%	7.34%	33.56%	25.61%	51.22%	49.52%	28.66%	30.92%
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%

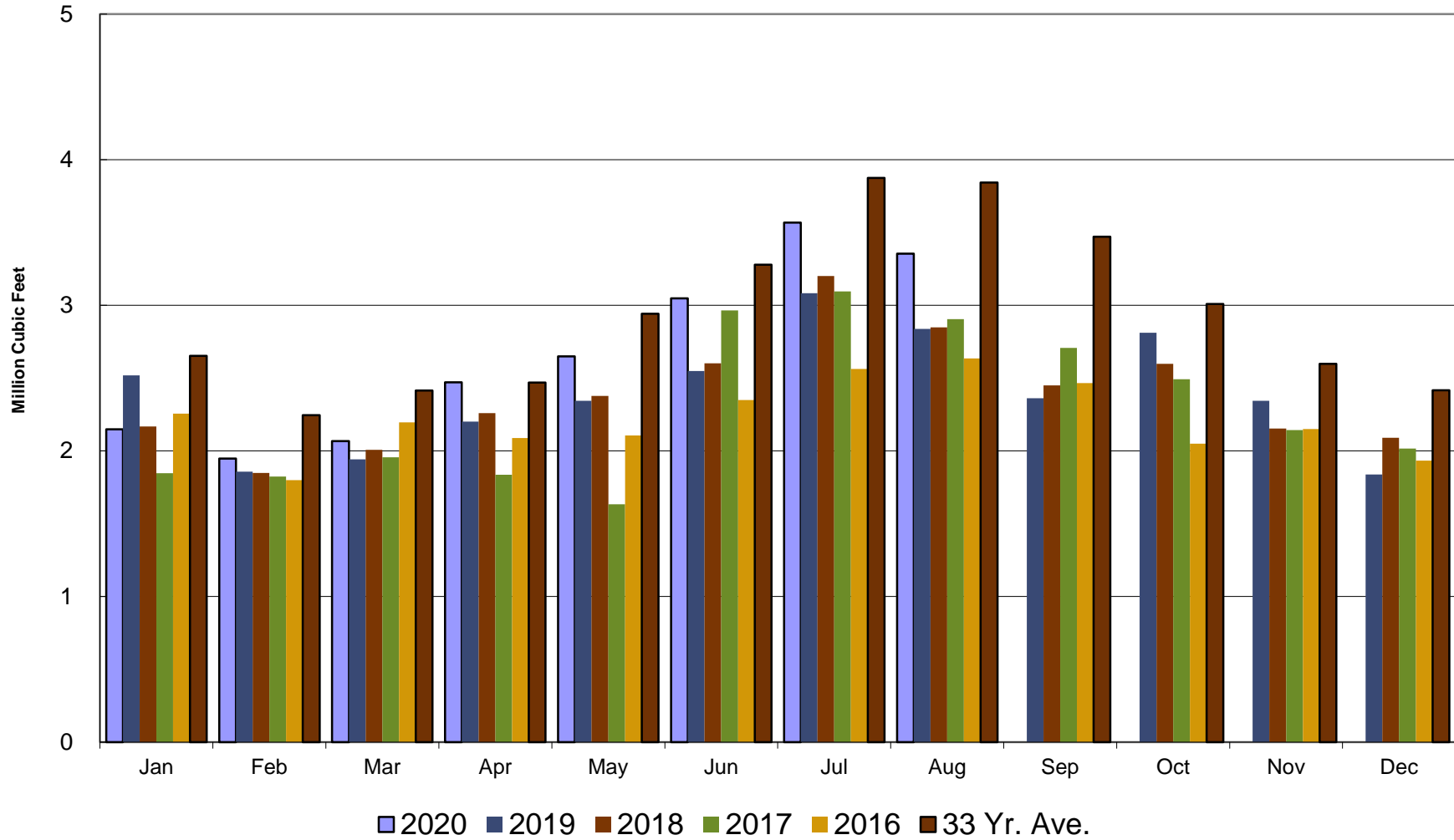
Crestline Village Water District

Water Sources - Last 13 Months



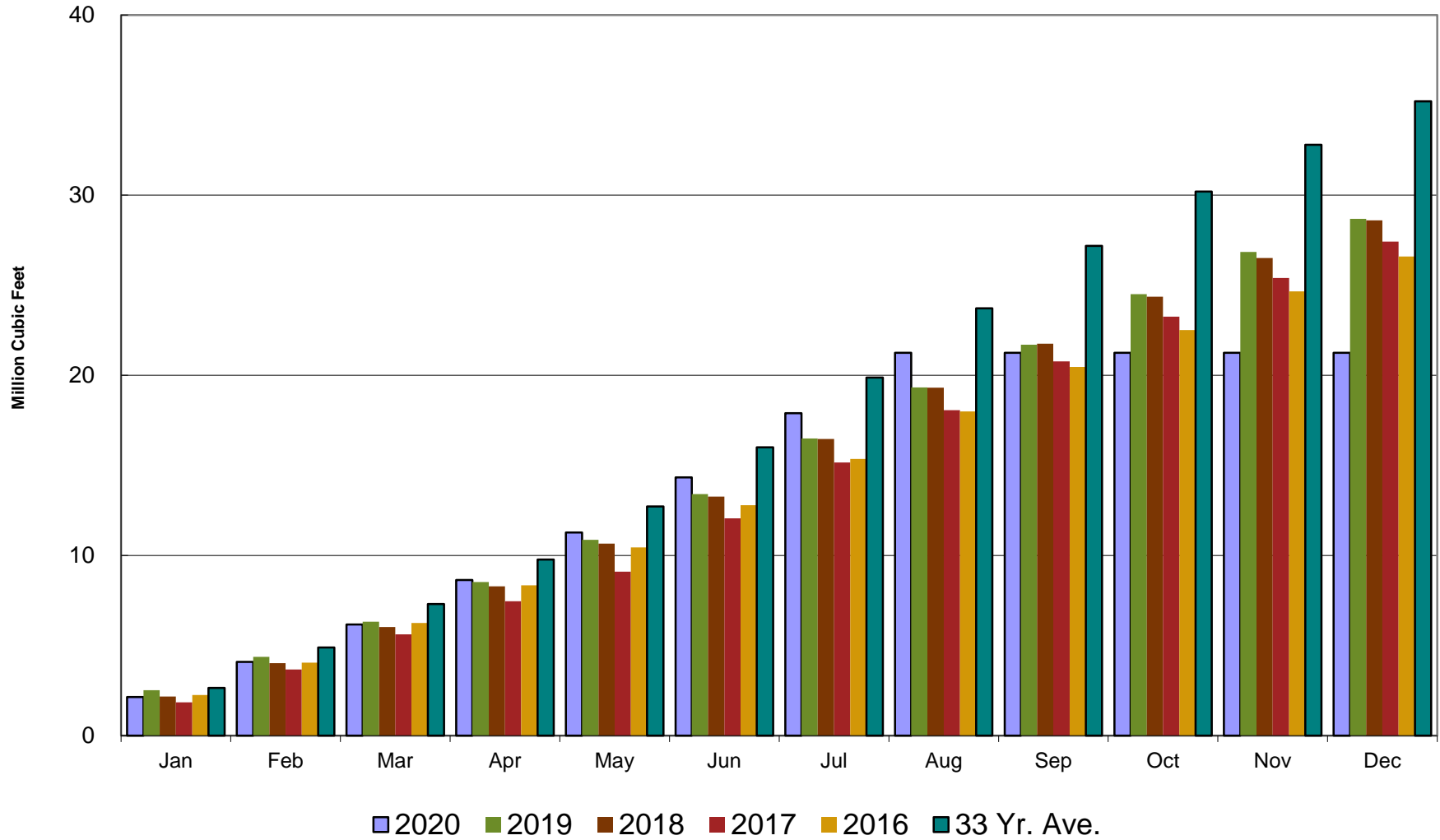
Crestline Village Water District

Total Production by Month



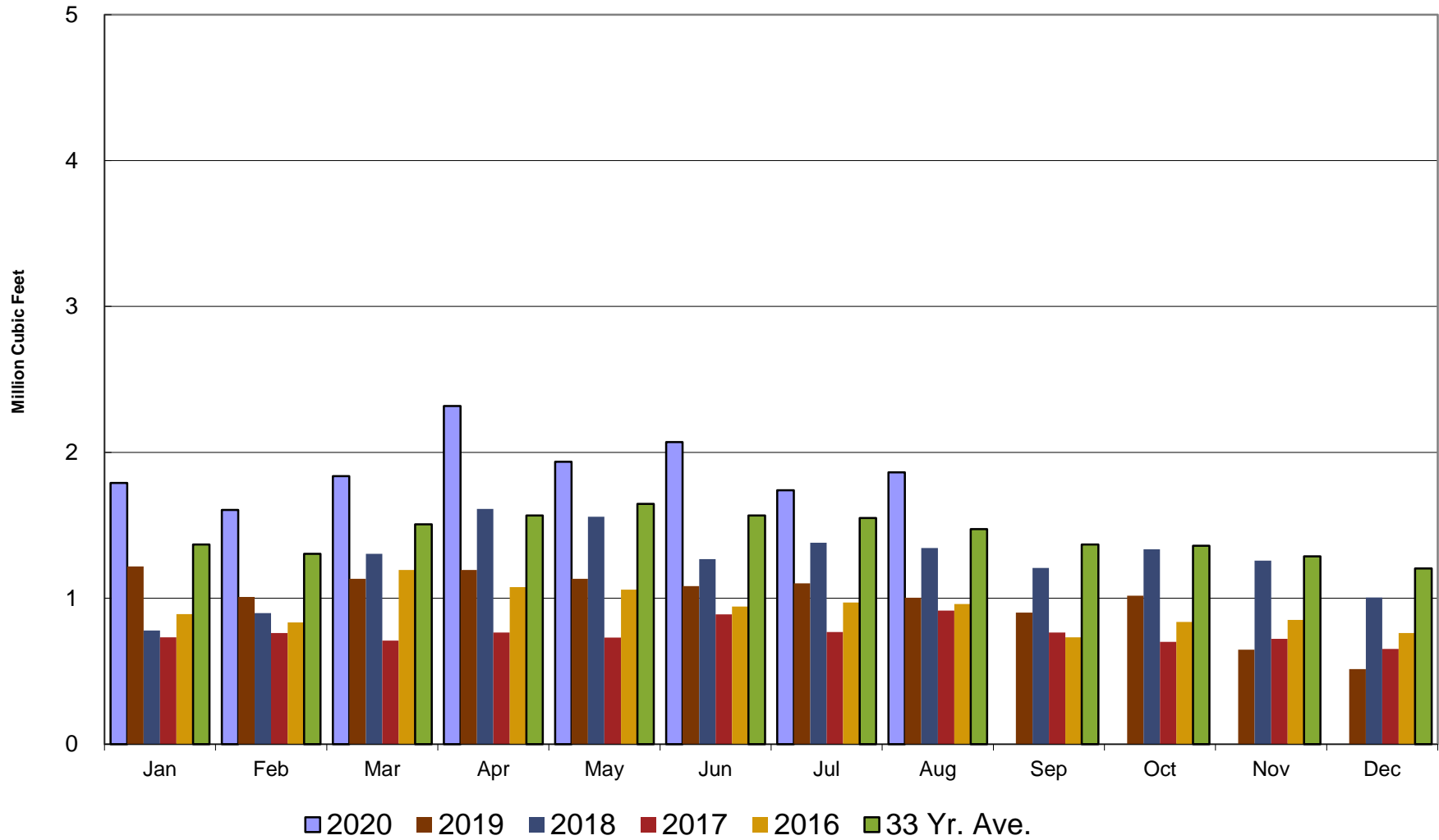
Crestline Village Water District

Total Production Cumulative



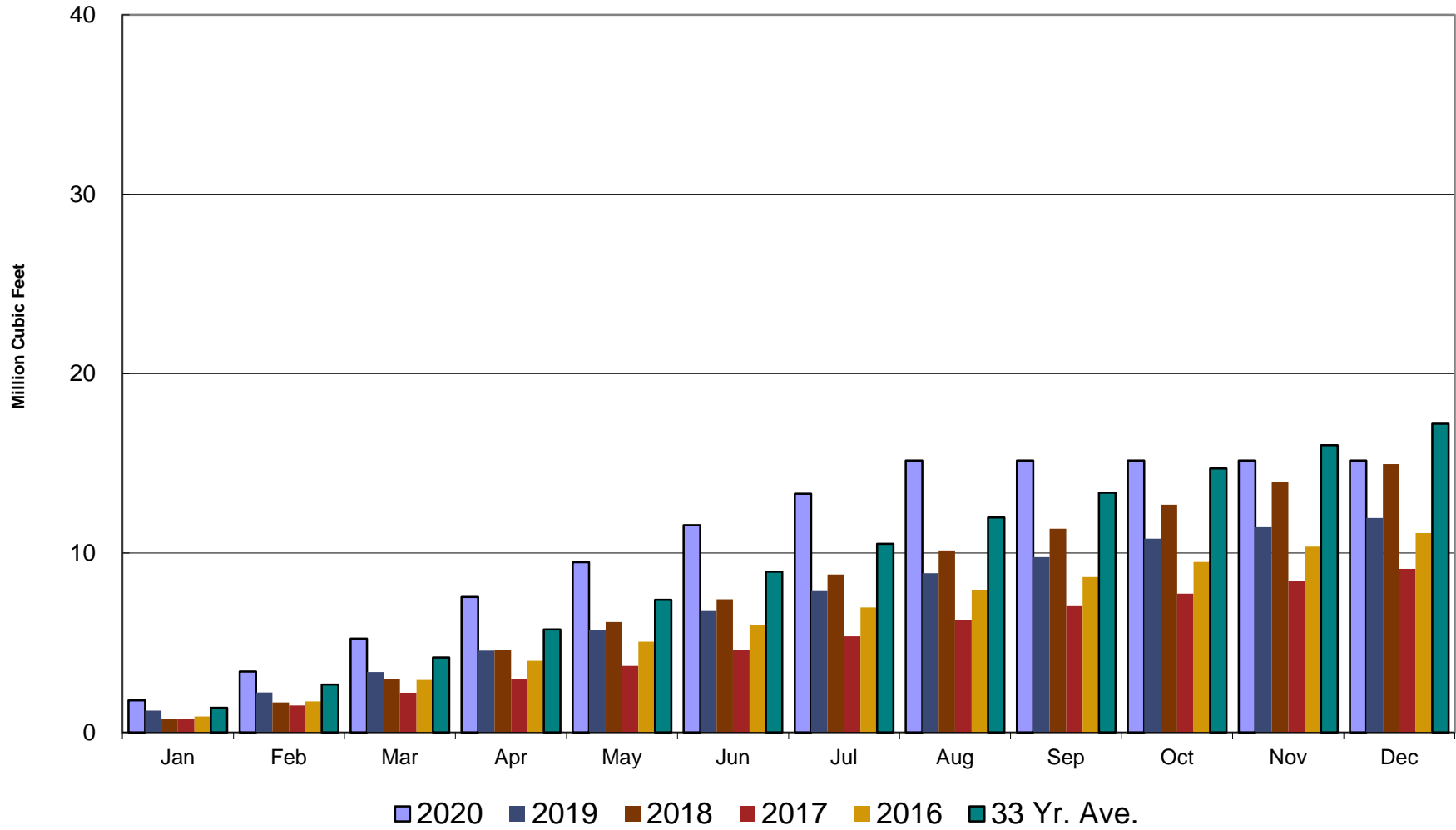
Crestline Village Water District

Well Production by Month



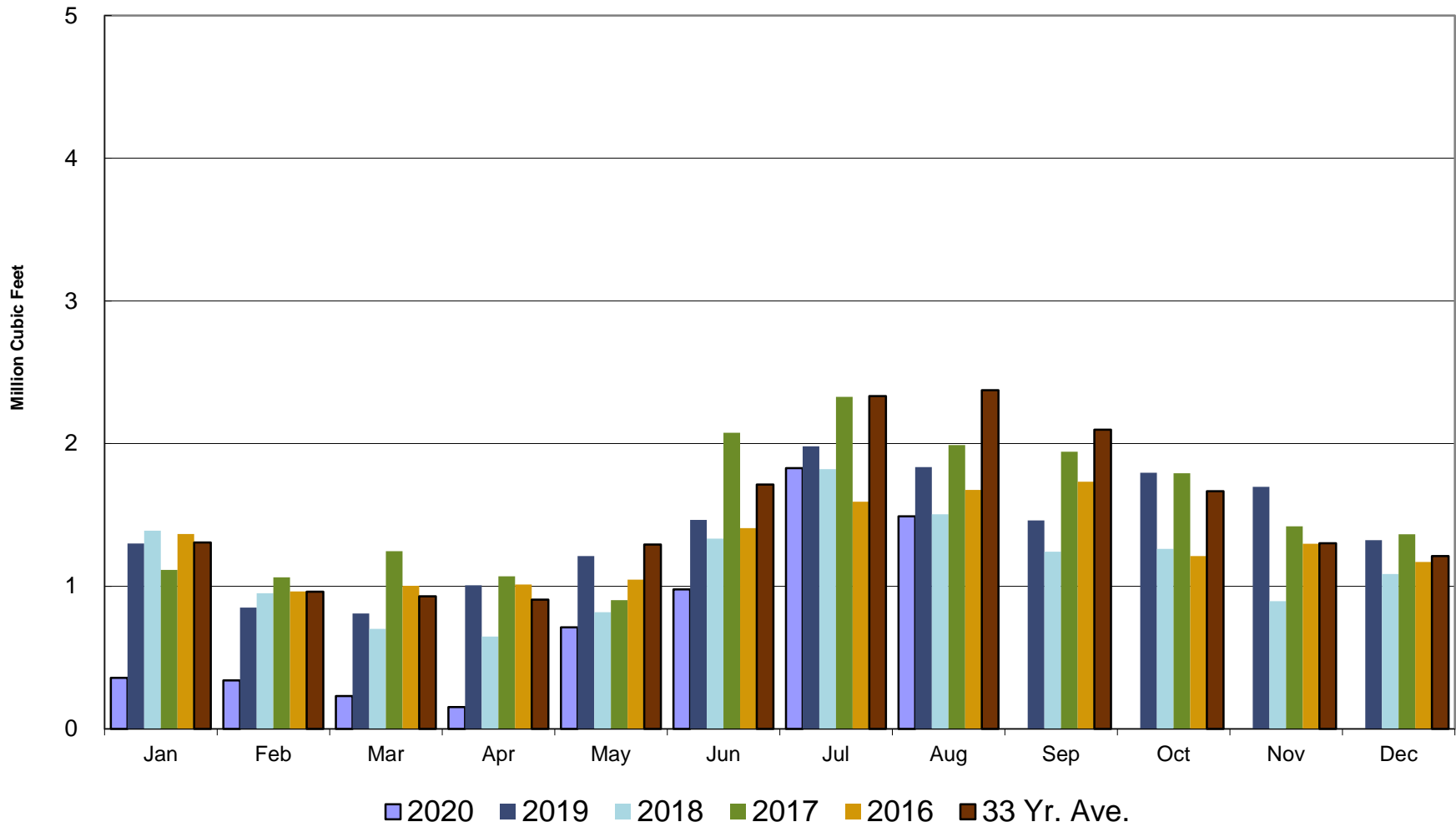
Crestline Village Water District

Well Production Cumulative



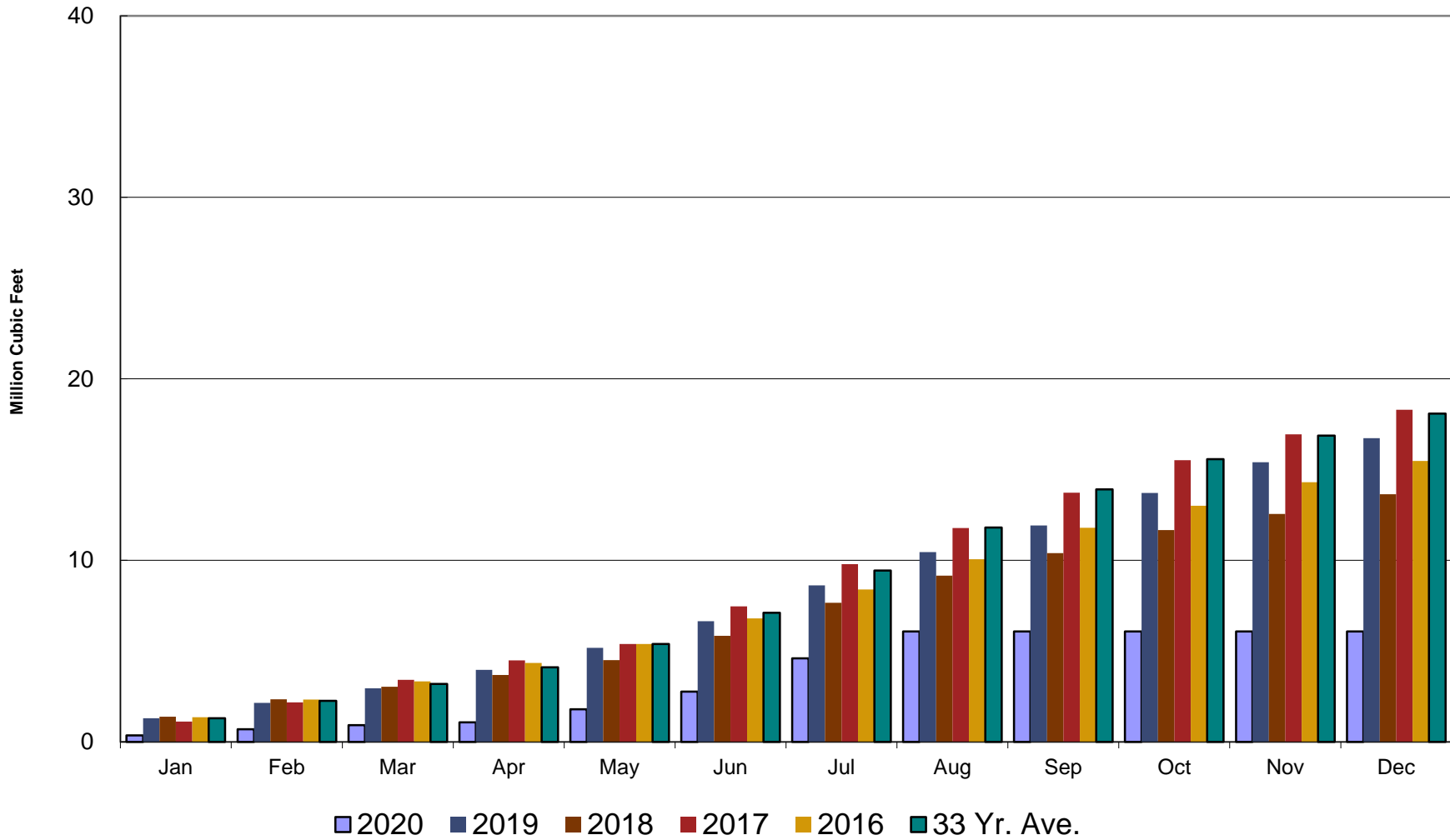
Crestline Village Water District

Purchased Water by Month



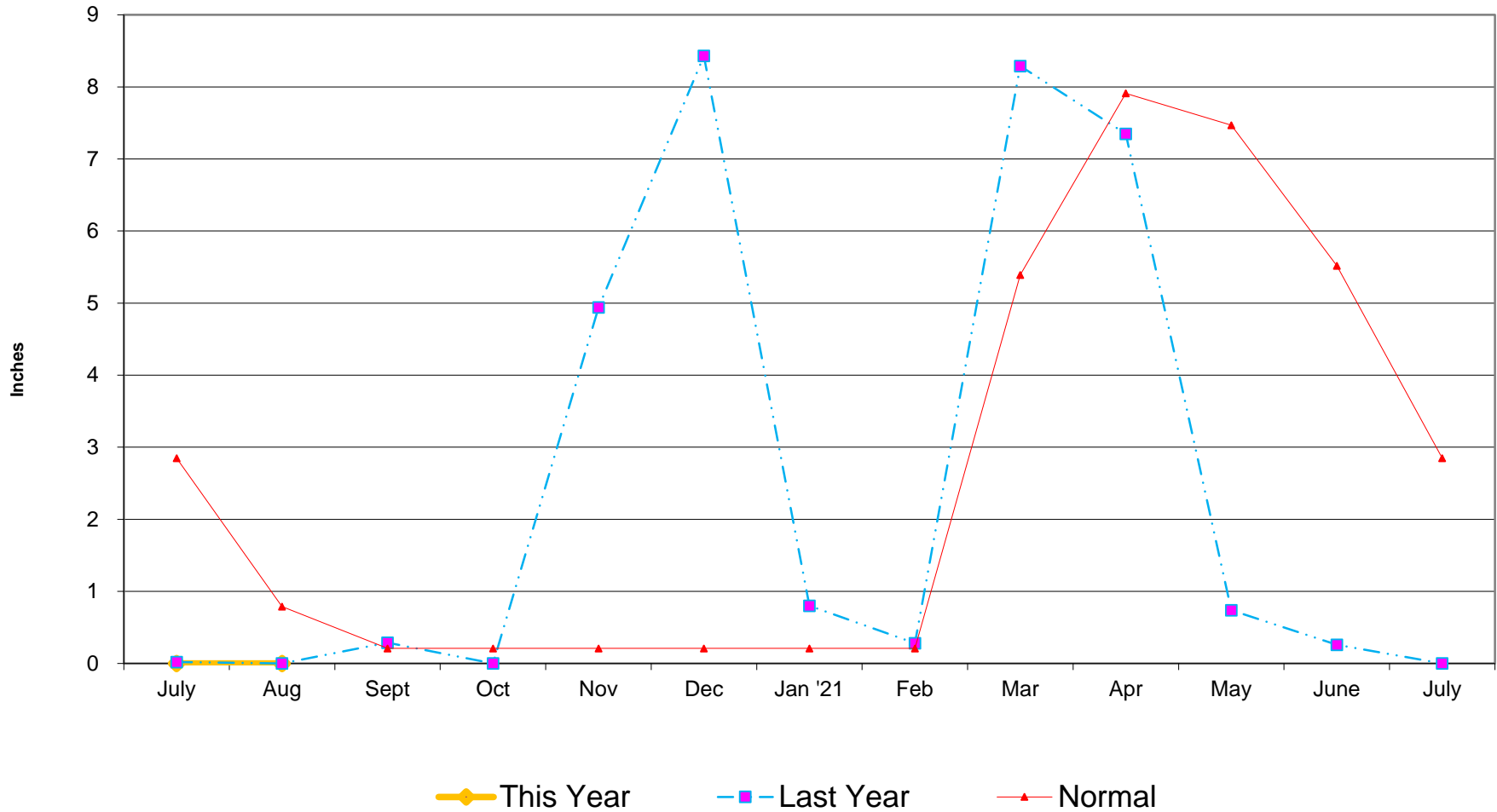
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Purchased Water Cumulative



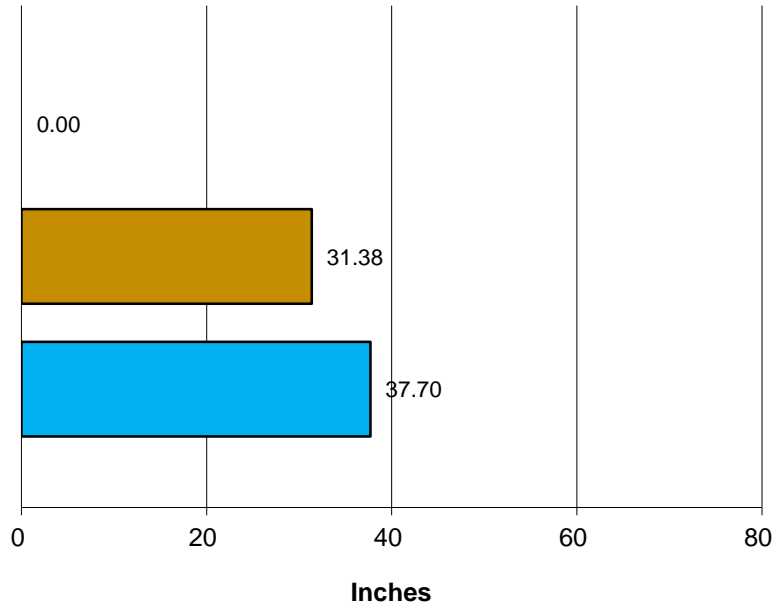
Crestline Village Water District

Rainfall - Last 13 Months



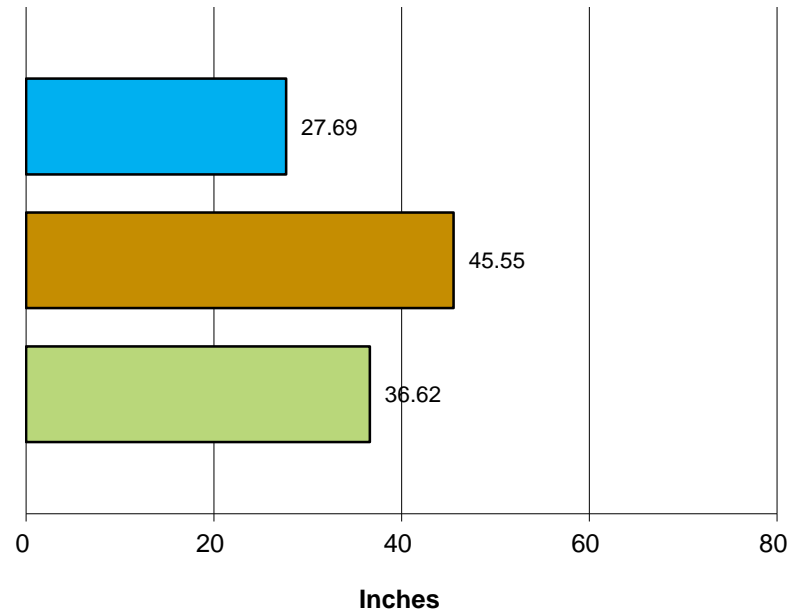
Crestline Village Water District

Total Rainfall July 1, 2020 to Beginning of Current Month



■ This Year ■ Last Year ■ Normal

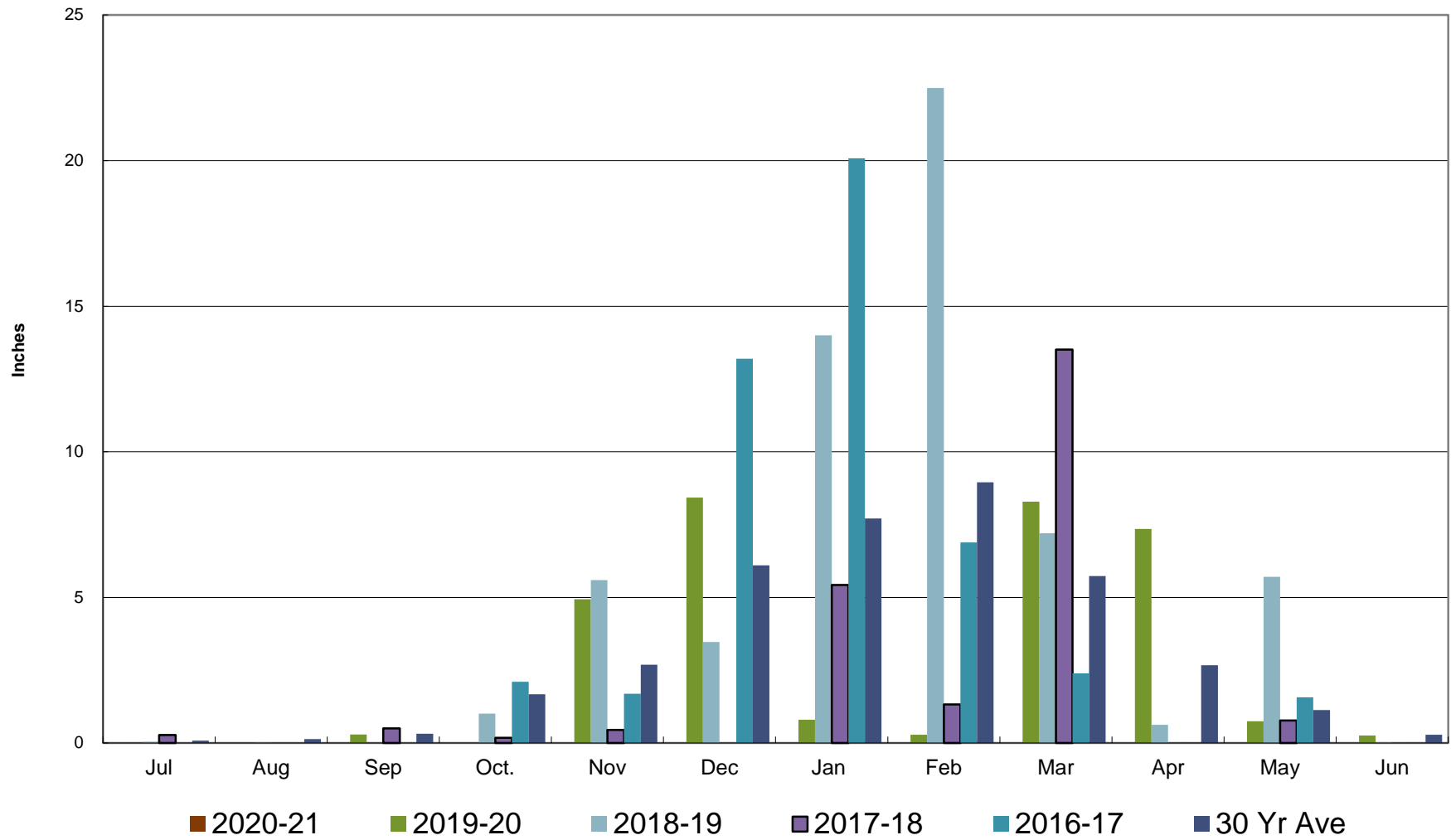
Total Rainfall Last 12 Months



■ This Year ■ Last Year ■ Normal

Crestline Village Water District

Rainfall by Month



Crestline Village Water District

Rainfall Cumulative

