

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

03/12/20

	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan '19	Feb	Total
Sources of Supply														
Wells	1,367,259	1,592,464	2,084,690	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	22,950,638
Purchased Water	735,802	512,005	365,749	347,887	723,395	1,148,623	1,315,362	1,162,554	720,040	459,653	617,152	357,741	340,374	8,806,337
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Supplied	2,103,061	2,104,469	2,450,439	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	31,756,975
Water Used **														
Metered Accounts										Estimated	Estimated	Estimated	Estimated	
Crestline Area	941,370	892,895	1,010,773	941,028	948,267	1,300,573	1,342,258	1,400,683	1,246,800	518,640	1,437,171	982,550	901,359	13,864,367
Lake Gregory Area	960,810	968,188	1,045,541	1,104,013	1,069,690	1,464,980	1,411,839	1,434,700	1,240,310	1,314,174	1,516,753	1,111,330	895,125	15,537,453
Change in Storage	(25,298)	(4,370)	17,247	19,940	27,725	(12,156)	(5,495)	15,748	(52,443)	55,296	(55,082)	10,066	50,336	41,514
Flushing, System & Other	14,439	14,947	29,877	18,885	16,246	16,246	15,408	14,484	27,122	14,439	14,439	14,439	14,439	225,411
Accounted for Water	1,891,321	1,871,660	2,103,438	2,083,866	2,061,928	2,769,643	2,764,010	2,865,615	2,461,789	1,902,549	2,913,281	2,118,385	1,861,259	29,668,745
System Loss (CF)	211,740	232,809	347,001	180,199	440,878	379,336	401,922	30,912	138,869	(484,854)	93,933	30,164	85,322	2,088,230
System Loss (%)	10.1%	11.1%	14.2%	8.0%	17.6%	12.0%	12.7%	1.1%	5.3%	-34.2%	3.1%	1.4%	4.4%	6.6%
System Loss (GPM)	37.9	41.7	56.3	30.2	81.8	59.7	69.6	5.2	23.3	(139.9)	11.3	5.1	15.8	29.3
Month to Month Averaging ***														
System Loss (CF)	105,870	222,275	289,905	263,600	310,539	410,107	390,629	216,417	84,891	(172,993)	(195,461)	62,049	57,743	2,045,571
System Loss (%)	5.0%	10.6%	12.6%	11.1%	12.8%	14.8%	12.4%	6.9%	3.2%	-14.4%	-15.5%	2.3%	2.9%	6.4%
System Loss (GPM)	19.0	39.8	49.0	43.3	56.0	70.8	64.7	37.4	14.2	(58.3)	(64.3)	8.2	10.4	28.7
Estimated Uses														
Known leaks - Est. loss	4,084	3,265	2,880	3,891	4,589	2,880	16,789	3,599	4,420	11,551	30,481	1,738	3,556	93,723
Total Estimated Uses	4,084	3,265	2,880	3,891	4,589	2,880	16,789	3,599	4,420	11,551	30,481	1,738	3,556	93,723
Unaccounted for Water (CF)	207,656	229,544	344,121	176,308	436,289	376,456	385,133	27,313	134,449	(496,405)	63,452	28,426	81,766	1,994,507
Unaccounted For (%)	9.9%	10.9%	14.0%	7.8%	17.4%	12.0%	12.2%	0.9%	5.2%	-35.0%	2.1%	1.3%	4.2%	6.3%
Unaccounted For (GPM)	37.2	41.1	55.9	29.5	80.9	59.3	66.7	4.6	22.5	(143.3)	7.7	4.8	15.2	28.0
Number of Days in Period	29	29	32	31	28	33	30	31	31	18	43	31	28	370

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

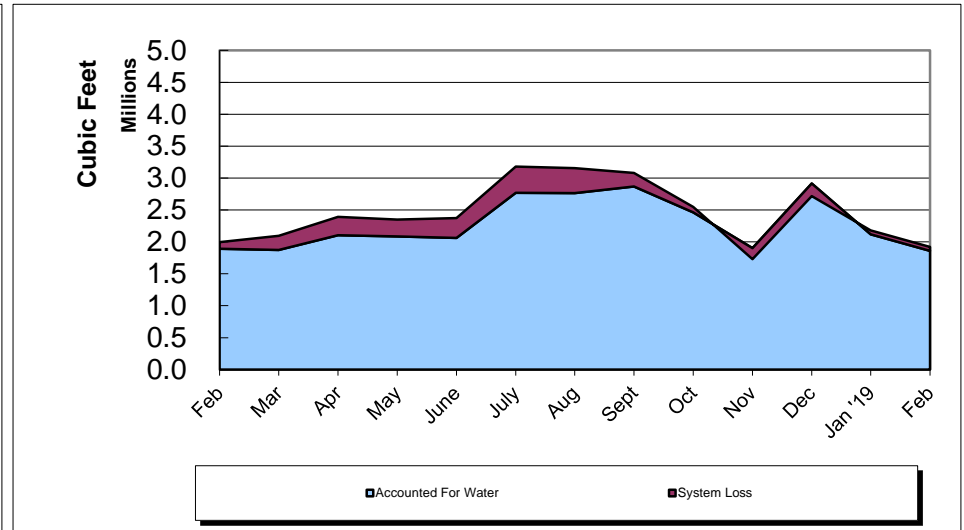
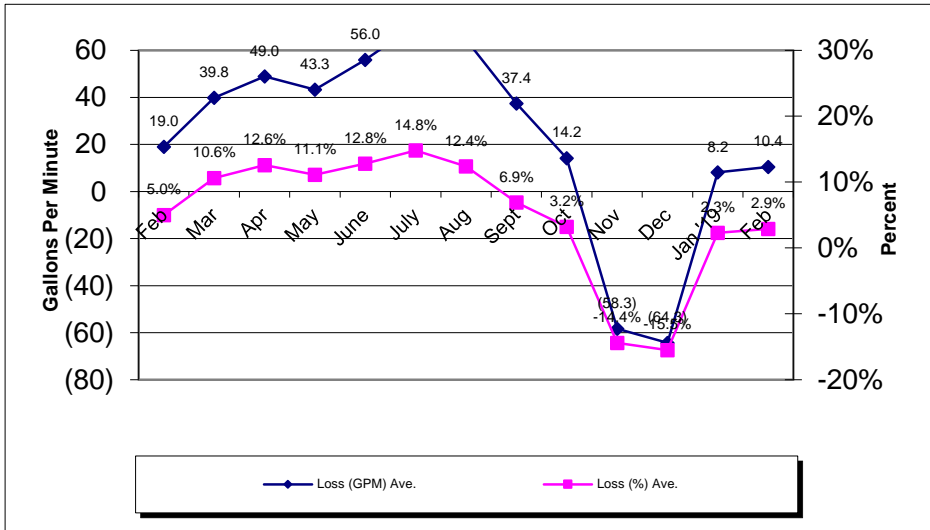
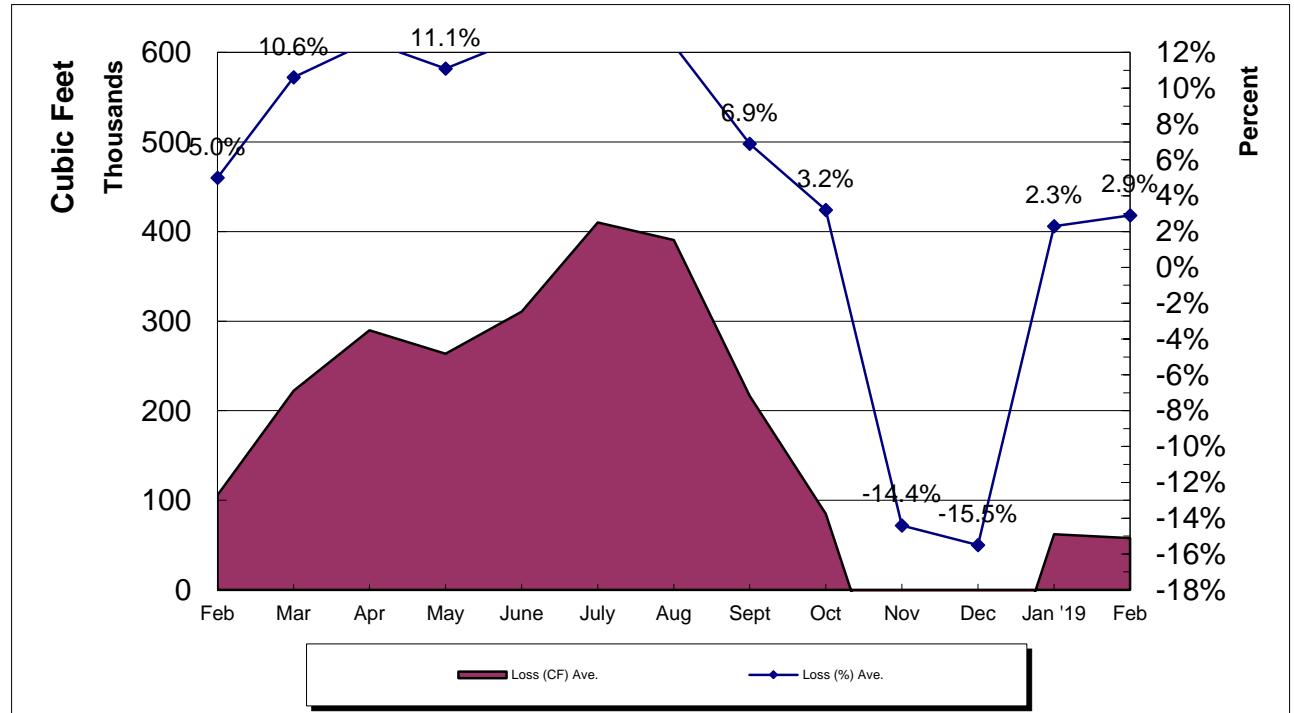
*** - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$1,524	\$4,154
Cost of 5% System Loss:	2,569	3,225
Amount above (below) 5% System Loss	(\$1,045)	\$929
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: 02/28/20

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,752	20.81	348,609	90.46%
Saxon	337,674	14,681	17.35	254,715	75.43%
Pinecrest I & II	2,063,492	54,302	33.00	1,791,966	86.84%
Zurich	380,500	18,789	19.46	365,634	96.09%
Lakeview	1,230,212	27,955	38.32	1,071,236	87.08%
Old Mill	705,900	27,151	21.72	589,720	83.54%
Barn	444,443	19,752	19.70	389,114	87.55%
Wilson	983,681	33,915	26.12	885,860	90.06%
Chillon	337,674	14,679	17.88	262,461	77.73%
Brookside	748,067	28,772	21.28	612,268	81.85%
Chamois	1,026,532	39,482	22.05	870,578	84.81%
Total	8,643,529		257.69	7,442,161	86.10%

For Month of: December 2019

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	87,901	On
Pioneer-2	47,783	On
Pioneer-1	51,933	On
Old Mill Springs	53,964	On
Maple Springs	79,506	On
Willow Springs	49,330	On
Brookside Springs	24,650	On
Hillside Springs	0	Off
Pinecrest 1 & 2	92,030	On
Pinecrest Vertical	165,043	On
Cypress Vertical	106,840	Off
Anderson Vertical	132,072	On
Wilson Springs 1 & 2	150,067	On
Wilson Vertical	148,192	On
Felsen Vertical	154,063	On
Horst	106,774	On
Jewel 64	71,065	On
Cathcart	27,921	On
Bergschrund	28,153	On
Chamois	0	Off
Chamois Vertical	28,920	On
	0	0
	0	0
	0	0
Lewter	0	Off
Total	1,606,207	

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"	0	0	0	0.00%	0
Pinecrest 4"	62	60	2	3.33%	340,374
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	62	60	2	3.33%	340,374

February Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	185.5	999,914		160.6	865,695
Actual M-T-D:	63.1	340,374		298.0	1,606,207
Over/(Under) Last Year:	(122.4)	(659,540.0)		137.4	740,512.0

Total	GPM	Cubic Feet
Last Year M-T-D:	346.1	1,865,609
Actual M-T-D:	361.1	1,946,581
Over/(Under) Last Year:	15.0	80,972.0

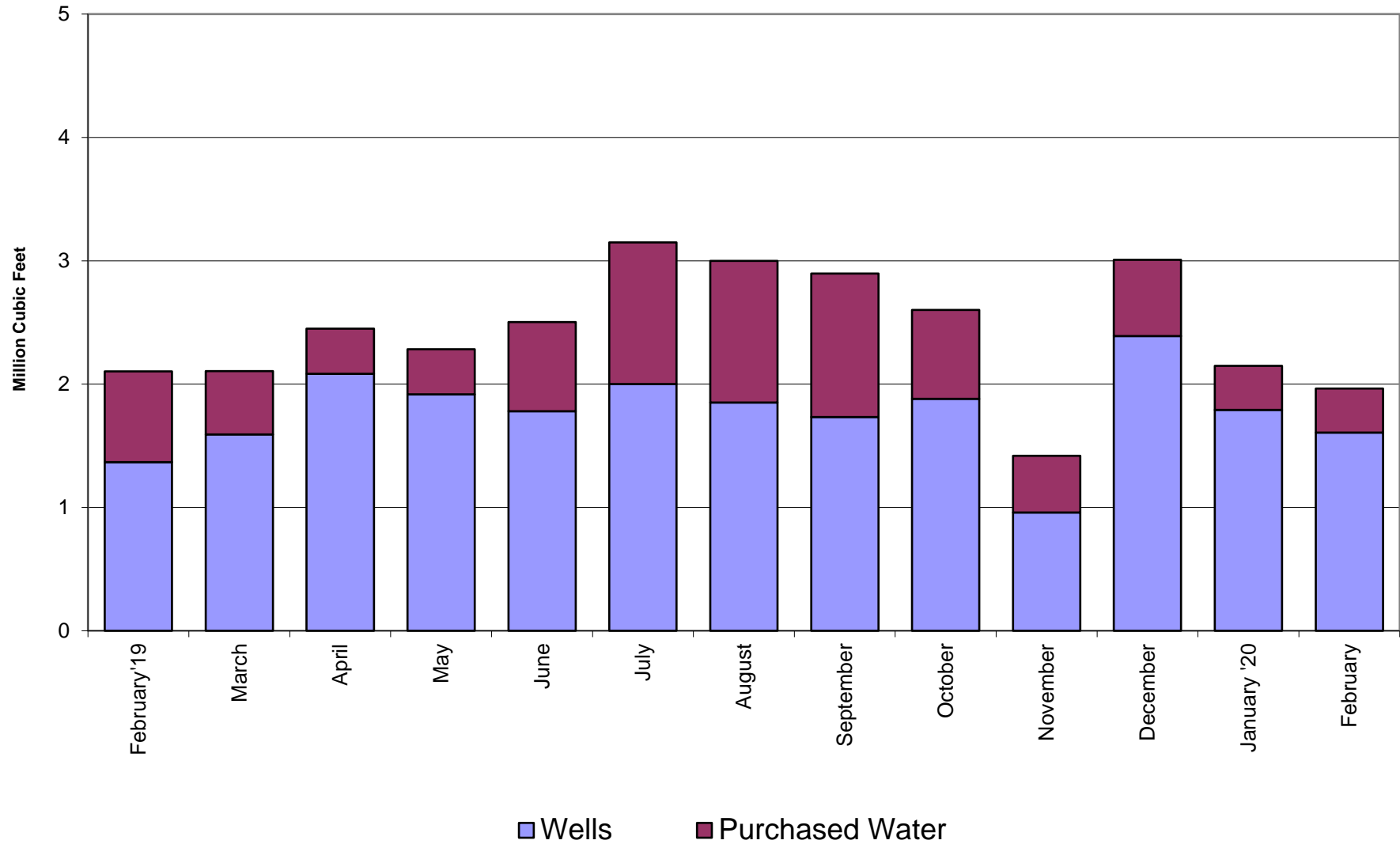
Crestline Village Water District
Source of Supply Production Report
Cubic Feet
Last 13 Months

03/11/20

Source Name	February'19	March	April	May	June	July	August	September	October	November	December	January '20	February	Last 12 Months	13 Months
Division 10															
Altdorf	74,147	84,122	135,433	106,117	95,034	110,795	82,955	66,124	85,025	26,391	126,445	58,099	87,901	1,064,441	1,138,588
Pioneer #2	36,529	41,330	54,527	53,461	47,897	56,812	51,594	53,115	53,002	31,041	66,392	54,349	47,783	611,303	647,832
Pioneer #1	43,705	78,743	65,777	59,978	57,997	55,460	61,312	60,335	63,551	24,043	85,482	66,537	51,933	731,148	774,853
Old Mill Springs	157,130	160,400	161,030	95,600	81,690	77,620	38,960	710	76,506	29,825	85,657	64,038	53,964	926,000	1,083,130
Maple Springs	60,981	63,579	112,862	95,089	81,843	96,864	87,918	76,131	92,290	32,606	106,306	51,833	79,506	976,827	1,037,808
Willow Springs	72,610	114,640	129,020	113,180	96,050	105,860	90,630	85,690	76,130	38,140	81,640	60,120	49,330	1,040,430	1,113,040
Brookside Springs	68,590	96,930	94,400	73,920	15,360	85,470	46,070	38,890	33,240	17,930	42,360	30,600	24,650	599,820	668,410
Hillside Springs	22,470	13,160	0	0	0	0	0	0	0	0	0	0	0	13,160	35,630
Pinecrest	73,100	87,250	61,600	53,350	33,700	29,330	25,650	2,869	157,931	66,192	124,184	109,624	92,030	843,710	916,810
Pinecrest Vertical	0	0	184,601	224,054	203,051	241,416	210,285	188,037	206,157	110,960	237,150	185,570	165,043	2,156,324	2,156,324
Cypress Vertical	80,750	0	0	0	0	78,500	145,210	134,150	4,250	0	180,290	134,680	106,840	783,920	864,670
Anderson Vertical	93,506	130,777	168,244	160,814	146,982	171,651	150,424	157,146	153,191	87,828	191,822	150,044	132,072	1,800,995	1,894,501
Division 10 Totals	783,518	870,931	1,167,494	1,035,563	859,604	1,109,778	991,008	863,197	1,001,273	464,956	1,327,728	965,494	891,052	11,548,078	12,331,596
Division 20															
Wilson Springs #1 & 2	95,329	144,060	194,650	193,324	179,547	222,598	199,414	199,875	189,633	108,066	223,372	173,750	150,067	2,178,356	2,273,685
Wilson Vertical	119,562	123,600	171,753	167,427	142,610	132,012	165,480	154,713	171,684	91,929	185,593	160,866	148,192	1,815,859	1,935,421
Felsen Vertical	143,972	142,093	180,968	175,083	159,480	187,446	169,819	173,107	171,787	97,884	210,822	170,533	154,063	1,993,085	2,137,057
Horst	44,247	92,240	138,846	142,356	130,505	155,235	126,761	148,327	141,419	79,031	170,391	125,219	106,774	1,557,104	1,601,351
Jewell No. 64	76,085	90,327	90,056	83,396	235,156	86,306	76,683	65,197	80,716	46,032	111,352	79,990	71,065	1,116,276	1,192,361
Cathcart	29,173	41,344	43,429	36,838	30,811	36,070	29,349	35,441	33,536	18,534	44,036	32,579	27,921	409,888	439,061
Bergschrund	29,053	42,449	48,474	47,111	41,698	47,841	39,496	40,466	37,360	20,680	46,138	32,387	28,153	472,253	501,306
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	46,320	45,420	49,020	35,080	0	23,070	52,560	53,650	53,210	30,930	70,630	49,990	28,920	492,480	538,800
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	583,741	721,533	917,196	880,615	919,807	890,578	859,562	870,776	879,345	493,086	1,062,334	825,314	715,155	10,035,301	10,619,042
Total District Sources	1,367,259	1,592,464	2,084,690	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	21,583,379	22,950,638
C.L.A.W.A.															
Crest Forest 6"	113,235	95,187	20,187	20,187	0	0	0	299,465	215,775	151,872	154,412	81,818	81,818	1,120,721	1,233,956
Mile High Park 2"	49,973	43,182	0	0	0	0	0	0	163,356	102,701	46,524	0	0	355,763	405,736
Mile High Park 4"	0	0	0	0	170,588	249,064	249,064	327,807	0	0	0	0	0	996,523	996,523
Pinecrest 2"	0	137,807	261,070	261,070	0	0	0	107	0	0	109,799	38,356	38,356	846,565	846,565
Pinecrest 4"	572,594	235,829	0	0	527,807	706,016	706,016	472,995	340,909	187,299	306,417	188,904	188,904	3,861,096	4,433,690
Lake Drive 2"	0	0	0	0	0	141,003	141,003	32,233	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	0	0	84,492	84,492	25,000	52,540	52,540	29,947	0	17,781	0	48,663	48,663	444,118	444,118
C.L.A.W.A. Totals	735,802	512,005	365,749	365,749	723,395	1,148,623	1,148,623	1,162,554	720,040	459,653	617,152	357,741	357,741	7,939,025	8,674,827
Grand Totals	2,103,061	2,104,469	2,450,439	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	29,522,404	31,625,465

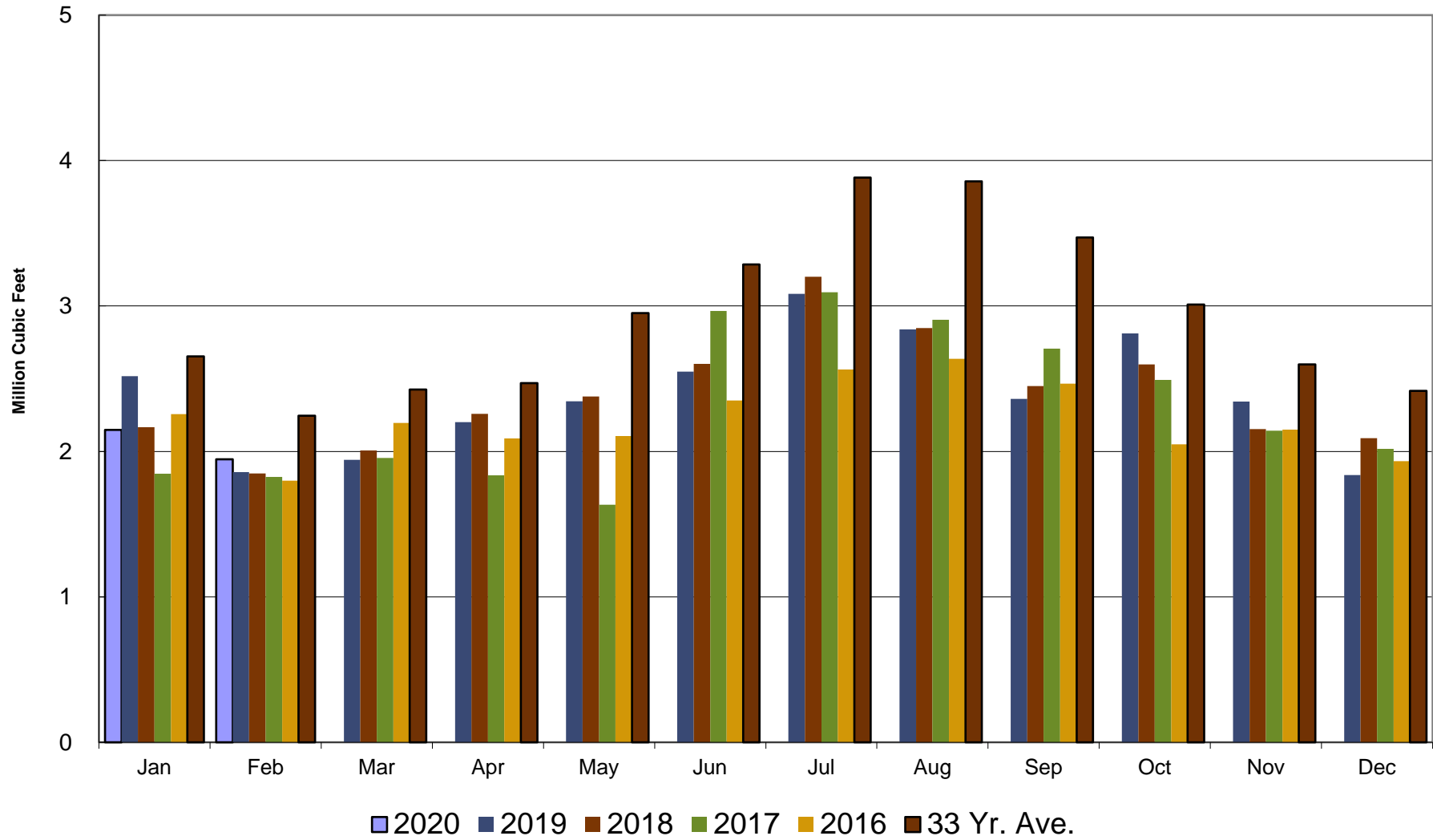
Crestline Village Water District

Water Sources - Last 13 Months



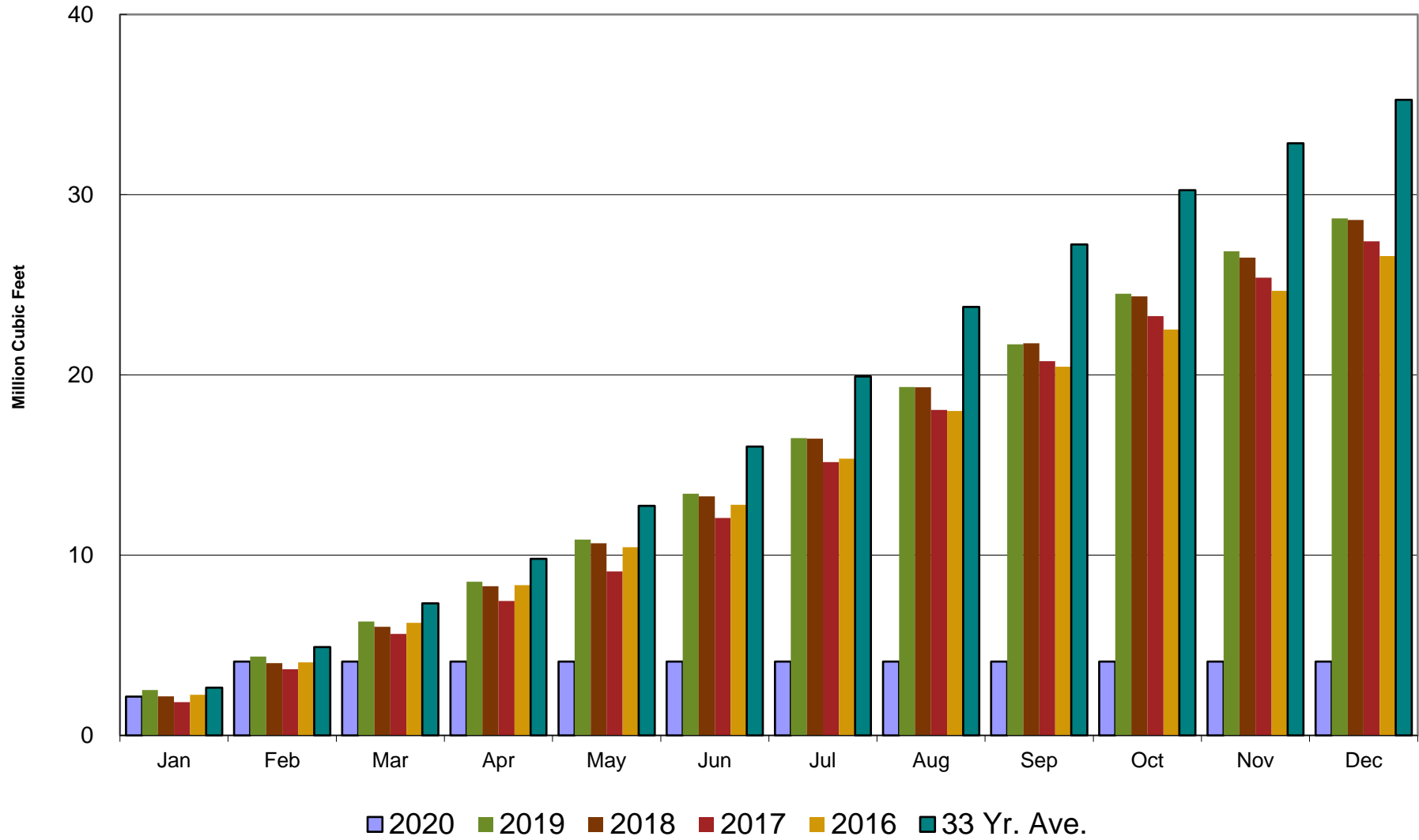
Crestline Village Water District

Total Production by Month



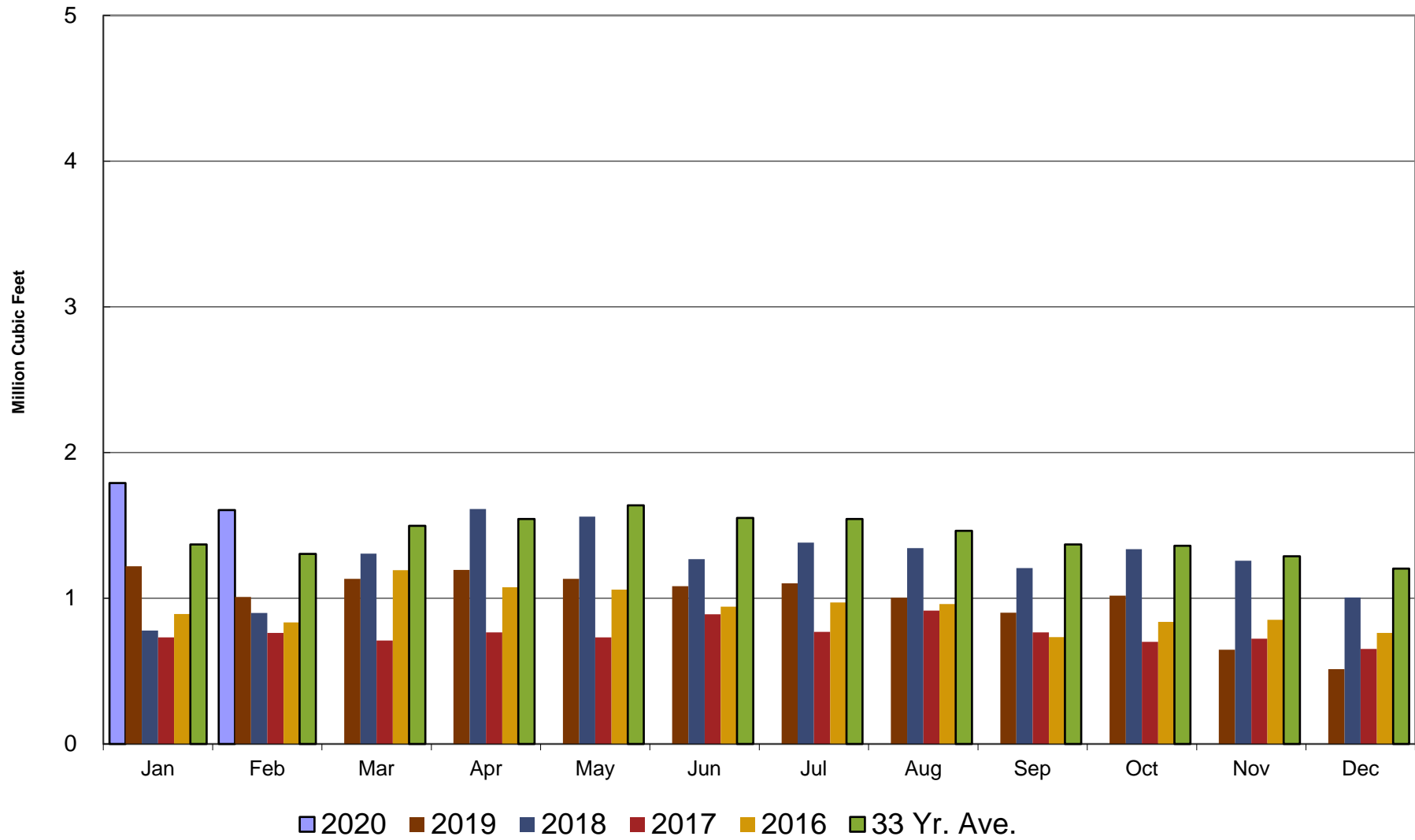
Crestline Village Water District

Total Production Cumulative



Crestline Village Water District

Well Production by Month



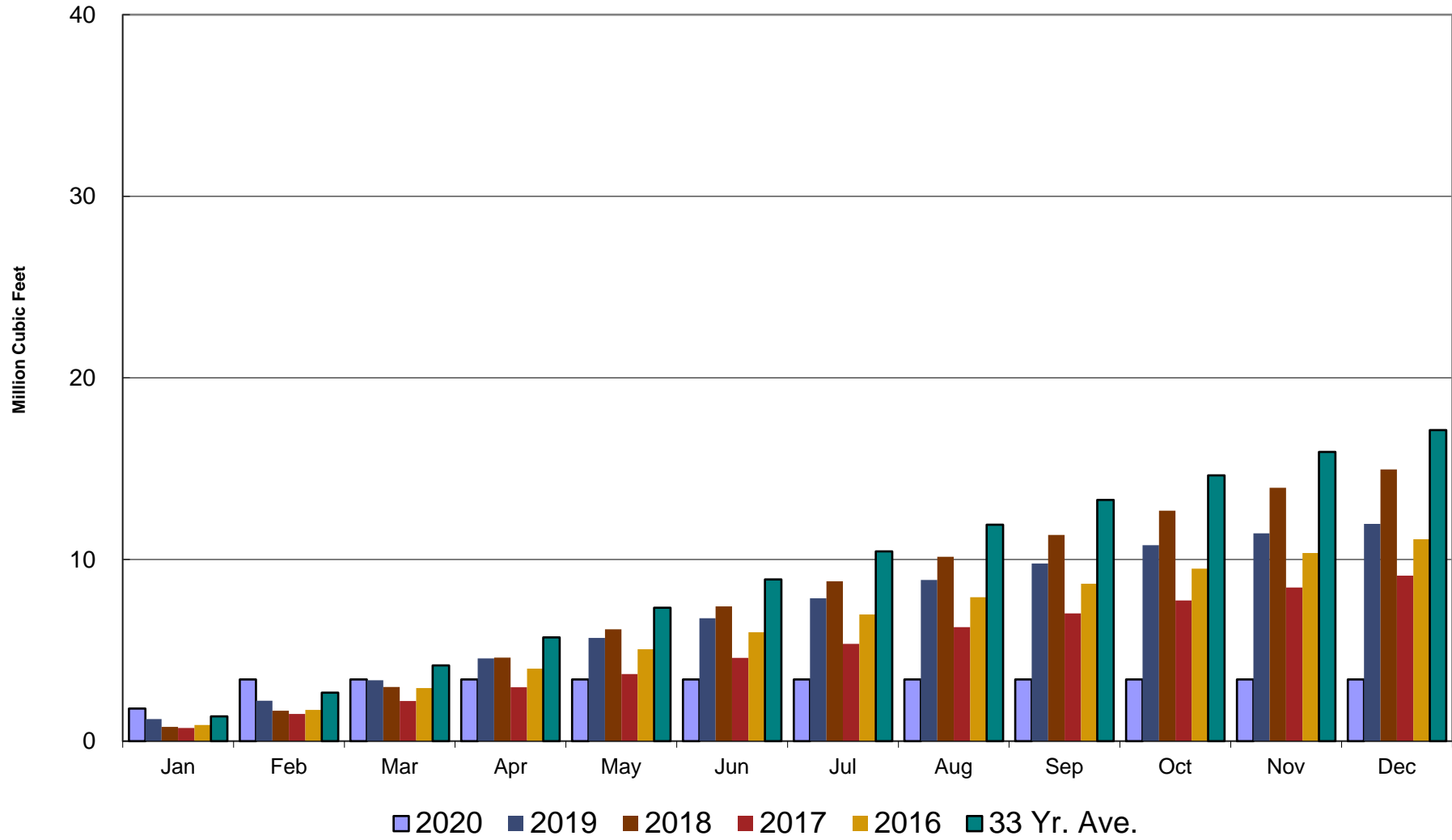
Crestline Village Water District
Source of Supply Production Report
Cubic Feet
Last 13 Months

03/11/20

<u>Source Name</u>	<u>February'19</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 '20</u>	<u>February</u>	<u>Last 12 Months</u>	<u>13 Months</u>
District Sources															
Division 10	783,518	870,931	1,167,494	1,035,563	859,604	1,109,778	991,008	863,197	1,001,273	464,956	1,327,728	965,494	891,052	11,548,078	12,331,596
Division 20	583,741	721,533	917,196	880,615	919,807	890,578	859,562	870,776	879,345	493,086	1,062,334	825,314	715,155	10,035,301	10,619,042
Total	1,367,259	1,592,464	2,084,690	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	21,583,379	22,950,638
Division 10	57.31%	54.69%	56.00%	54.04%	48.31%	55.48%	53.55%	49.78%	53.24%	48.53%	55.55%	53.91%	55.48%	53.50%	53.73%
Division 20	42.69%	45.31%	44.00%	45.96%	51.69%	44.52%	46.45%	50.22%	46.76%	51.47%	44.45%	46.09%	44.52%	46.50%	46.27%
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	1,367,259	1,592,464	2,084,690	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	21,583,379	22,950,638
C.L.A.W.A.	735,802	512,005	365,749	365,749	723,395	1,148,623	1,148,623	1,162,554	720,040	459,653	617,152	357,741	357,741	7,939,025	8,674,827
Total Sources	2,103,061	2,104,469	2,450,439	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	29,522,404	31,625,465
District Sources	65.01%	75.67%	85.07%	83.97%	71.10%	63.52%	61.70%	59.86%	72.31%	67.58%	79.48%	83.35%	81.78%	73.11%	72.57%
C.L.A.W.A.	34.99%	24.33%	14.93%	16.03%	28.90%	36.48%	38.30%	40.14%	27.69%	32.42%	20.52%	16.65%	18.22%	26.89%	27.43%
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%

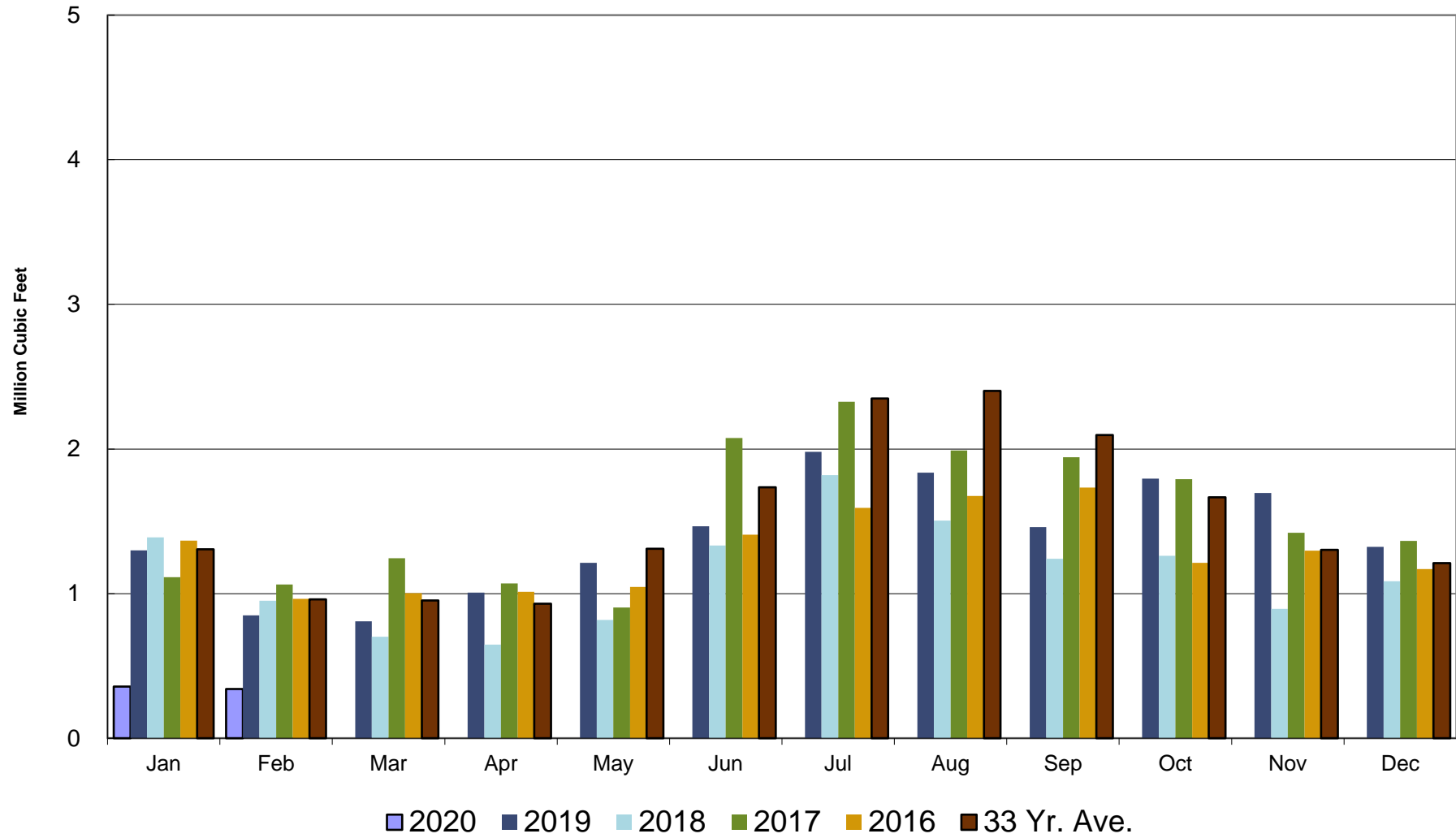
Crestline Village Water District

Well Production Cumulative



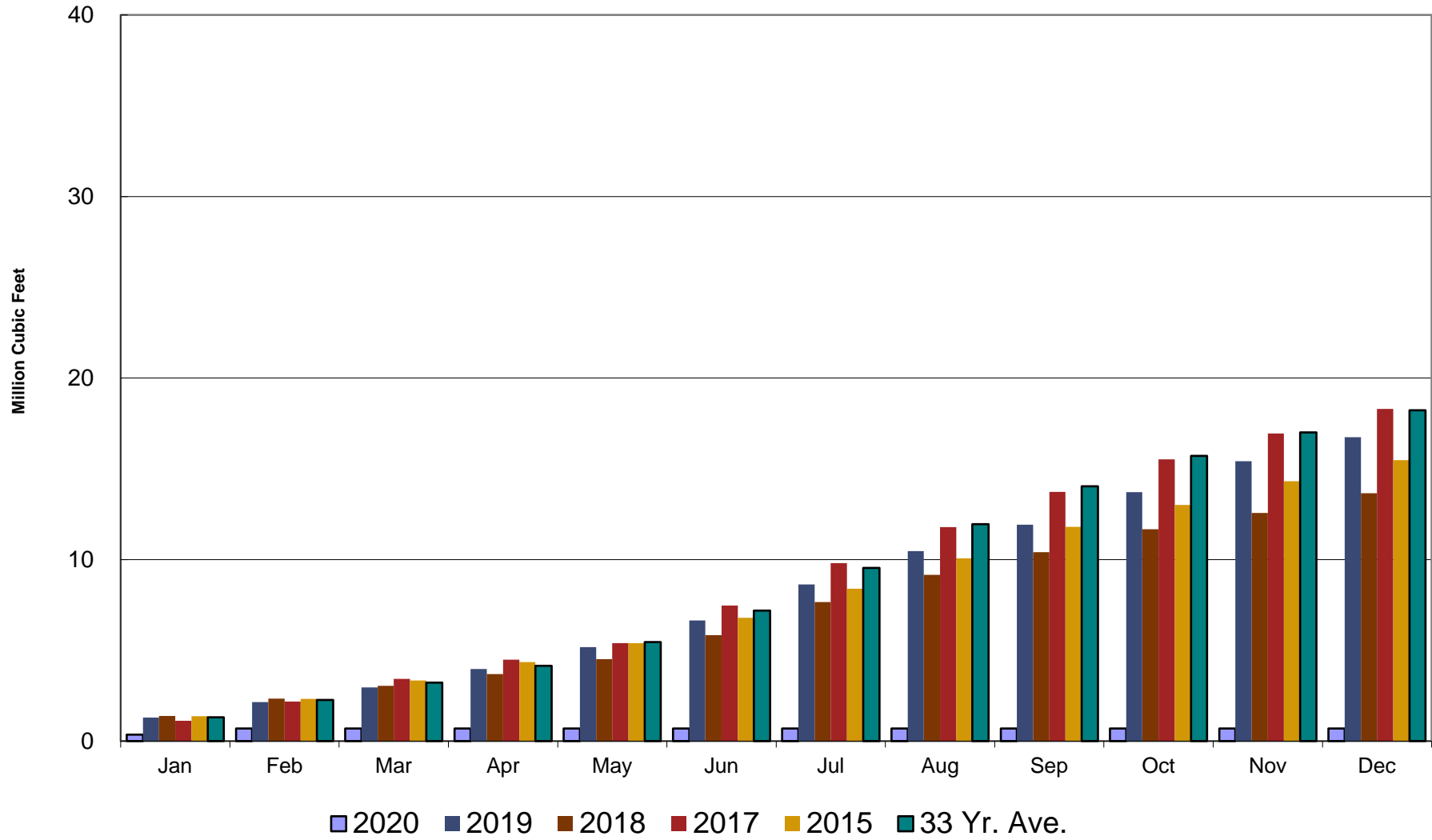
Crestline Village Water District

Purchased Water by Month



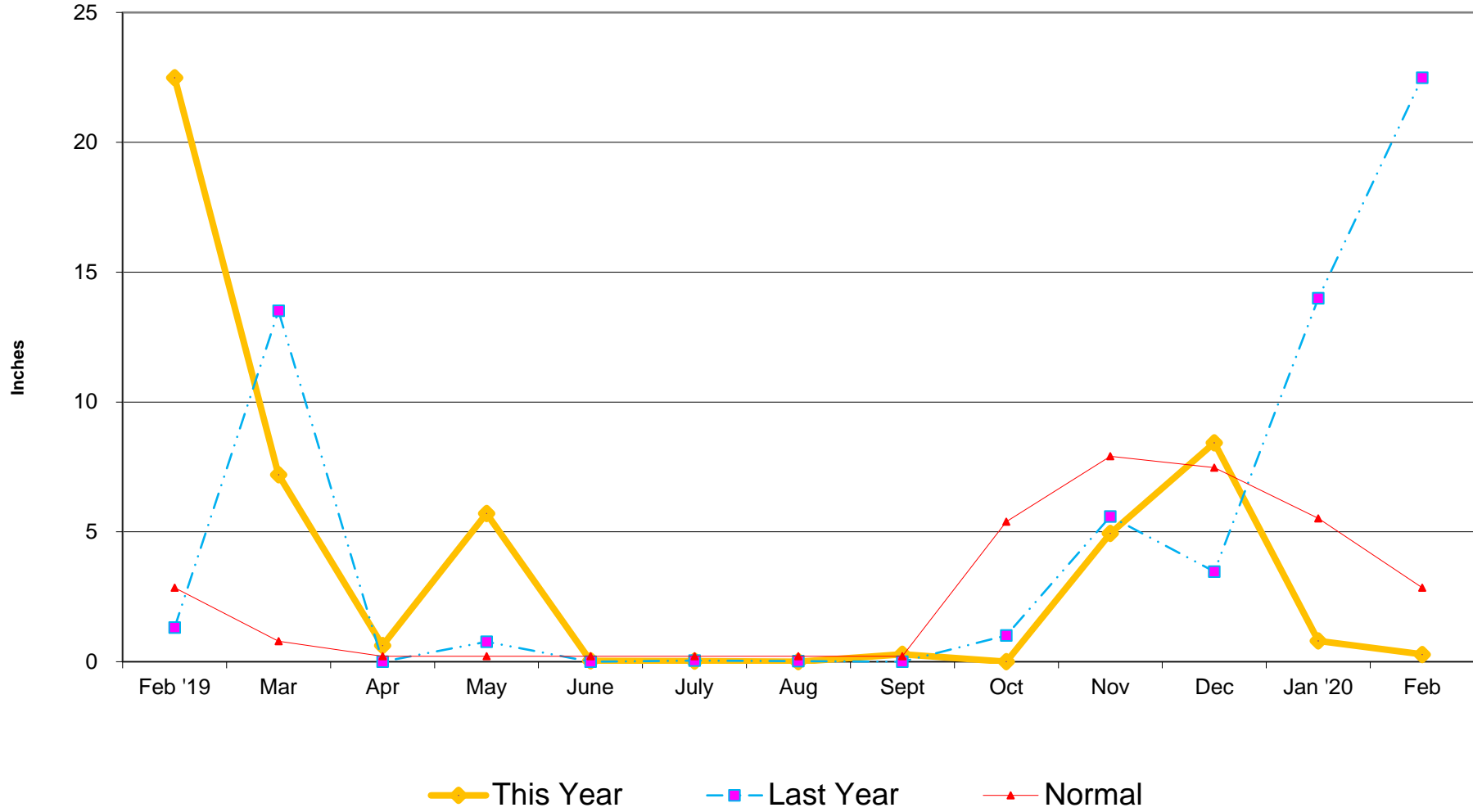
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Purchased Water Cumulative



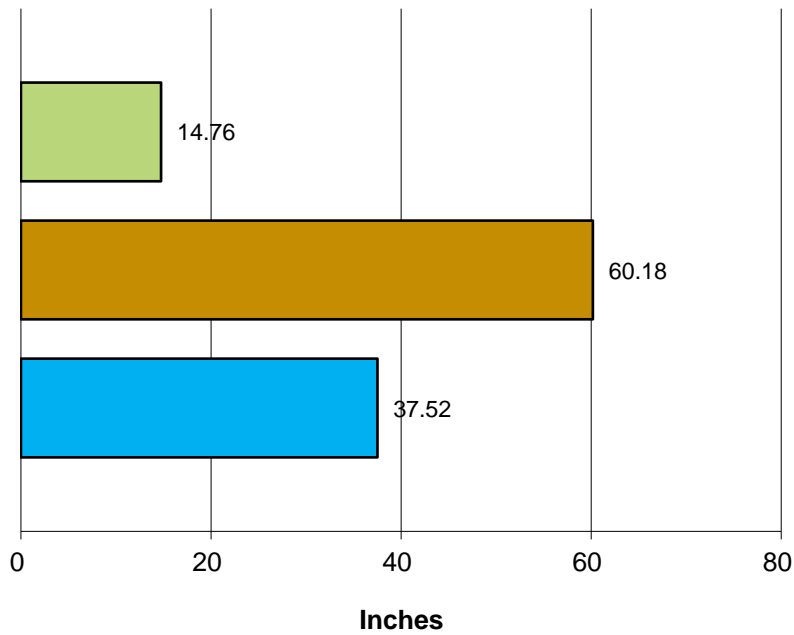
Crestline Village Water District

Rainfall - Last 13 Months



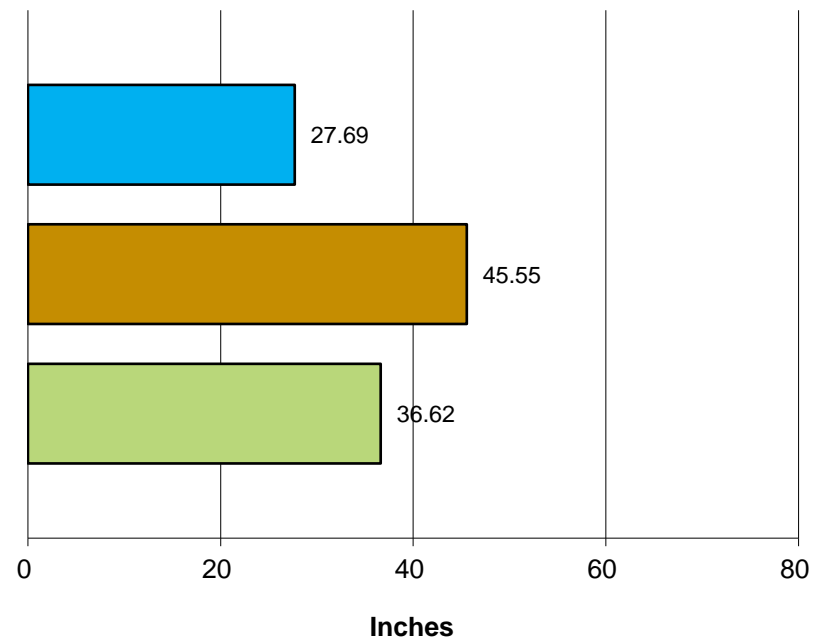
Crestline Village Water District

Total Rainfall July 1, 2019 to Beginning of Current Month



■ This Year ■ Last Year ■ Normal

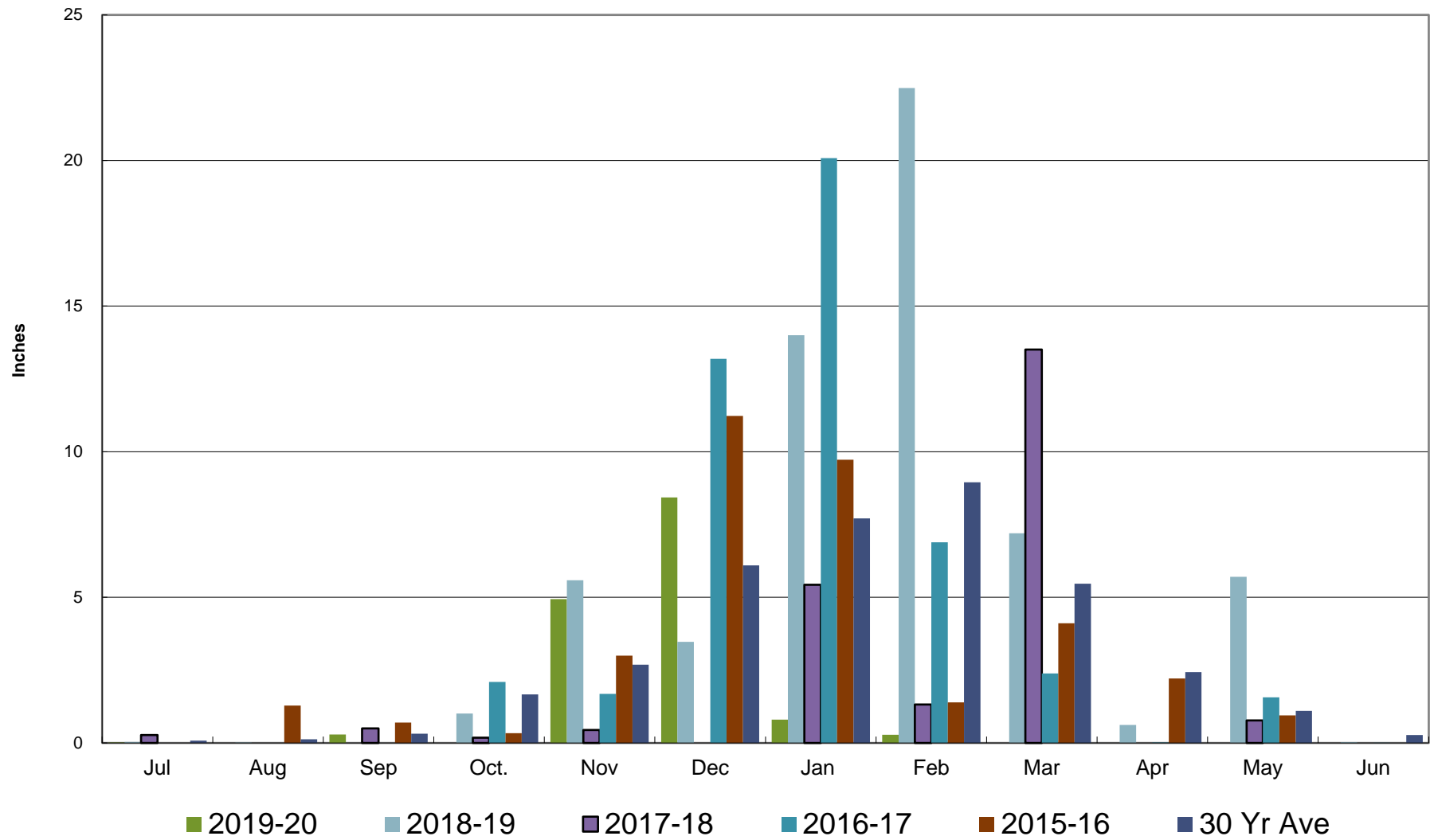
Total Rainfall Last 12 Months



■ This Year ■ Last Year ■ Normal

Crestline Village Water District

Rainfall by Month



Crestline Village Water District

Rainfall Cumulative

