

Crestline Village Water District

System Report on: 02/26/21

For Month of: February 2021

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,752	18.14	303,881	78.86%
Saxon	337,674	14,681	17.24	253,100	74.95%
Pinecrest I & II	2,063,492	54,302	32.50	1,764,815	85.53%
Zurich	380,500	18,789	19.34	363,379	95.50%
Lakeview	1,230,212	27,955	33.13	926,149	75.28%
Old Mill	705,900	27,151	23.29	632,347	89.58%
Barn	444,443	19,752	18.48	365,017	82.13%
Wilson	983,681	33,915	27.41	929,610	94.50%
Chillon	337,674	14,679	18.06	265,103	78.51%
Brookside	748,067	28,772	20.06	577,166	77.15%
Chamois	1,026,532	39,482	22.09	872,157	84.96%
Total	8,643,529		249.74	7,252,724	83.91%

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	72,746	On
Pioneer-2	44,745	On
Pioneer-1	51,692	On
Old Mill Springs	44,235	On
Maple Springs	68,309	On
Willow Springs	39,000	On
Brookside Springs	19,120	On
Hillside Springs	0	Off
Pinecrest 1 & 2	62,746	On
Pinecrest Vertical	133,606	On
Cypress Vertical	83,330	On
Anderson Vertical	108,042	On
Wilson Springs 1 & 2	150,524	On
Wilson Vertical	119,002	On
Felsen Vertical	159,546	On
Horst	99,500	On
Jewel 64	72,446	On
Cathcart	30,109	On
Bergschrund	26,745	On
Chamois	0	Off
Chamois Vertical	0	Off
	0	0
	0	0
	0	0
Lewter	0	Off
Total	1,385,443	

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"	31	30	1	3.33%	166,230
Mile High 4"	0	0	0	0.00%	0
Pinecrest 2"	71	70	1	1.43%	413,155
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	102	100	2	2.00%	579,385

February Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	185.5	1,035,626		160.6	896,611
Actual M-T-D:	103.8	579,385		248.2	1,385,443
Over/(Under) Last Year:	(81.7)	(456,241.0)		87.6	488,832.0

Total	GPM	Cubic Feet
Last Year M-T-D:	346.1	1,932,237
Actual M-T-D:	351.9	1,964,828
Over/(Under) Last Year:	5.8	32,591.0

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

03/10/21

Source Name	February '20	March	April	May	June	July	August	September	October	November	December	January '21	February	Last 12 Months	13 Months
Division 10															
Alltdorf	87,901	92,963	124,211	111,619	110,558	81,397	82,909	78,785	69,192	83,283	64,039	73,094	72,746	1,132,697	1,132,697
Pioneer #2	47,783	53,421	50,867	48,897	53,704	50,050	50,802	48,132	45,375	49,583	48,459	45,427	44,745	637,245	637,245
Pioneer #1	51,933	75,743	83,890	54,930	53,873	57,289	59,291	56,474	57,851	54,680	61,163	54,439	51,692	773,248	773,248
Old Mill Springs	53,964	66,896	115,618	103,473	99,951	79,662	66,529	57,564	52,963	49,940	45,091	40,876	44,235	876,762	876,762
Maple Springs	79,506	85,709	80,785	90,384	97,343	78,650	81,996	81,201	78,544	78,228	69,675	69,469	68,309	1,039,799	1,039,799
Willow Springs	49,330	53,910	77,910	83,350	82,350	73,280	67,390	59,530	54,200	51,060	45,510	40,650	39,000	777,470	777,470
Brookside Springs	24,650	31,080	58,430	60,210	56,750	40,720	40,170	32,400	27,240	24,390	20,740	18,100	19,120	454,000	454,000
Hillside Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pinecrest	92,030	104,165	140,437	144,079	151,559	131,906	118,147	100,170	89,094	83,295	45,206	87,088	62,746	1,349,922	1,349,922
Pinecrest Vertical	165,043	174,034	171,105	164,618	178,338	176,025	174,453	162,907	130,015	171,941	96,648	187,259	133,606	2,085,992	2,085,992
Cypress Vertical	106,840	123,660	111,050	104,650	113,640	107,340	106,410	101,550	100,800	67,420	46,100	100,060	83,330	1,272,850	1,272,850
Anderson Vertical	132,072	148,117	144,480	143,958	160,332	152,604	150,060	143,229	138,465	138,670	127,033	81,594	108,042	1,768,656	1,768,656
Division 10 Totals	891,052	1,009,698	1,158,783	1,110,168	1,158,398	1,028,923	998,157	921,942	843,739	852,490	669,664	798,056	727,571	12,168,641	12,168,641
Division 20															
Wilson Springs #1 & 2	150,067	165,786	167,257	178,689	195,762	198,185	193,948	180,838	170,790	176,925	164,764	153,114	150,524	2,246,649	2,246,649
Wilson Vertical	148,192	160,015	159,575	161,150	179,677	9,303	172,853	153,015	143,310	110,947	131,274	125,638	119,002	1,773,951	1,773,951
Felsen Vertical	154,063	173,514	138,813	169,856	188,758	179,333	180,310	172,086	168,653	175,778	169,774	165,484	159,546	2,195,968	2,195,968
Horst	106,774	116,189	114,238	118,853	135,799	127,132	124,713	113,550	48,248	110,614	119,948	104,420	99,500	1,439,978	1,439,978
Jewell No. 64	71,065	82,853	86,619	84,357	89,430	83,747	81,872	78,585	77,143	79,238	76,275	73,922	72,446	1,037,552	1,037,552
Cathcart	27,921	31,259	32,604	31,506	33,408	31,052	30,164	28,536	12,043	29,006	34,546	30,685	30,109	382,839	382,839
Bergschrund	28,153	31,827	39,379	38,195	41,179	37,934	36,622	33,563	14,509	35,756	31,742	28,005	26,745	423,609	423,609
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	28,920	66,440	25,626	43,683	47,575	44,858	44,400	42,333	41,707	2,957	0	0	0	388,499	388,499
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	715,155	827,883	764,111	826,289	911,588	711,544	864,882	802,506	676,403	721,221	728,323	681,268	657,872	9,889,045	9,889,045
Total District Sources	1,606,207	1,837,581	1,922,894	1,936,457	2,069,986	1,740,467	1,863,039	1,724,448	1,520,142	1,573,711	1,397,987	1,479,324	1,385,443	22,057,686	22,057,686
C.L.A.W.A.															
Crest Forest 6"	81,818	0	0	67,246	102,139	307,888	307,888	307,888	280,882	233,155	281,952	118,316	0	2,089,172	2,089,172
Mile High Park 2"	0	0	0	260,428	127,968	298,730	298,730	298,730	235,989	112,433	173,075	165,829	166,230	1,971,912	2,138,142
Mile High Park 4"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pinecrest 2"	38,356	91,979	152,380	444,559	413,329	444,559	444,559	444,559	0	103,422	339,973	402,513	413,155	3,320,188	3,733,343
Pinecrest 4"	188,904	138,235	0	206,016	0	719,920	719,920	719,920	752,406	260,561	0	0	0	3,705,882	3,705,882
Lake Drive 2"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake Drive 4"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camp Seely	48,663	0	0	0	69,118	56,551	56,551	56,551	0	0	0	36,497	0	323,931	323,931
C.L.A.W.A. Totals	357,741	230,214	152,380	978,249	712,554	1,827,648	1,827,648	1,827,648	1,269,277	709,571	795,000	723,155	579,385	11,411,085	11,990,470
Grand Totals	1,963,948	2,067,795	2,075,274	2,914,706	2,782,540	3,568,115	3,690,687	3,552,096	2,789,419	2,283,282	2,192,987	2,202,479	1,964,828	33,468,771	34,048,156

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

03/10/21

<u>Source Name</u>	<u>February '20</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 '21</u>	<u>February</u>	<u>Last 12 Months</u>	<u>13 Months</u>
District Sources															
Division 10	891,052	1,009,698	1,158,783	1,110,168	1,158,398	1,028,923	998,157	921,942	843,739	852,490	669,664	798,056	727,571	12,168,641	12,168,641
Division 20	715,155	827,883	764,111	826,289	911,588	711,544	864,882	802,506	676,403	721,221	728,323	681,268	657,872	9,889,045	9,889,045
Total	1,606,207	1,837,581	1,922,894	1,936,457	2,069,986	1,740,467	1,863,039	1,724,448	1,520,142	1,573,711	1,397,987	1,479,324	1,385,443	22,057,686	22,057,686
Division 10	55.48%	54.95%	60.26%	57.33%	55.96%	59.12%	53.58%	53.46%	55.50%	54.17%	47.90%	53.95%	52.52%	55.17%	55.17%
Division 20	44.52%	45.05%	39.74%	42.67%	44.04%	40.88%	46.42%	46.54%	44.50%	45.83%	52.10%	46.05%	47.48%	44.83%	44.83%
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	1,606,207	1,837,581	1,922,894	1,936,457	2,069,986	1,740,467	1,863,039	1,724,448	1,520,142	1,573,711	1,397,987	1,479,324	1,385,443	22,057,686	22,057,686
C.L.A.W.A.	357,741	230,214	152,380	978,249	712,554	1,827,648	1,827,648	1,827,648	1,269,277	709,571	795,000	723,155	579,385	11,411,085	11,990,470
Total Sources	1,963,948	2,067,795	2,075,274	2,914,706	2,782,540	3,568,115	3,690,687	3,552,096	2,789,419	2,283,282	2,192,987	2,202,479	1,964,828	33,468,771	34,048,156
District Sources	81.78%	88.87%	92.66%	66.44%	74.39%	48.78%	50.48%	48.55%	54.50%	68.92%	63.75%	67.17%	70.51%	65.91%	64.78%
C.L.A.W.A.	18.22%	11.13%	7.34%	33.56%	25.61%	51.22%	49.52%	51.45%	45.50%	31.08%	36.25%	32.83%	29.49%	34.09%	35.22%
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
Source of Supply Production Report
System Loss - Last 13 Months
In Cubic Feet**

	Feb	Mar	Apr	May	June	July	August	September	October	November	December	Jan '21	Feb	Total
Sources of Supply														
Wells	1,606,207	1,837,581	1,922,894	1,936,457	978,249	1,740,467	1,863,039	1,724,448	1,520,142	1,573,711	1,397,987	1,479,324	1,385,443	20,965,949
Purchased Water	340,374	230,214	152,380	712,554	2,069,986	1,827,648	1,490,709	1,410,963	1,269,277	709,571	795,000	723,155	579,385	12,311,216
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Supplied	1,946,581	2,067,795	2,075,274	2,649,011	3,048,235	3,568,115	3,353,748	3,135,411	2,789,419	2,283,282	2,192,987	2,202,479	1,964,828	33,277,165
Water Used **														
Metered Accounts	Estimated	Estimated												
Crestline Area	900,683	953,497	983,800	1,202,565	1,472,427	1,222,700	1,514,100	1,426,800	1,295,226	998,717	957,097	889,739	852,674	14,670,025
Lake Gregory Area	892,867	1,018,765	1,011,077	1,160,010	1,421,523	1,500,193	1,547,306	1,710,484	1,462,200	1,299,500	1,148,221	1,039,338	1,048,865	16,260,349
Change in Storage	50,336	(59,149)	31,091	(25,534)	(1,437)	33,262	6,059	(25,215)	49,383	(76,542)	56,671	55,324	(30,071)	64,178
Flushing, System & Other	14,439	14,439	14,439	30,128	15,107	14,439	14,773	16,344	21,469	19,212	18,439	14,439	14,439	222,107
Accounted for Water	1,858,325	1,927,552	2,040,407	2,367,169	2,907,620	2,770,594	3,082,238	3,128,413	2,828,278	2,240,887	2,180,428	1,998,840	1,885,907	31,216,659
System Loss (CF)	88,256	140,243	34,867	281,842	140,615	797,521	271,510	6,998	(38,859)	42,395	12,559	203,639	78,921	2,060,506
System Loss (%)	4.5%	6.8%	1.7%	10.6%	4.6%	22.4%	8.1%	0.2%	-1.4%	1.9%	0.6%	9.2%	4.0%	6.2%
System Loss (GPM)	16.4	22.8	6.0	50.5	22.8	133.6	45.5	1.2	(6.7)	7.1	2.2	36.5	14.1	29.3
Month to Month Averaging ***														
System Loss (CF)	44,128	114,250	87,555	158,355	211,228	469,068	534,516	139,254	(15,931)	1,768	27,477	108,099	141,280	2,021,047
System Loss (%)	2.3%	5.7%	4.2%	6.2%	7.6%	13.5%	15.2%	4.2%	-0.6%	0.2%	1.2%	4.9%	6.6%	6.1%
System Loss (GPM)	8.2	19.6	14.4	28.3	36.7	78.2	89.6	23.4	(2.8)	0.2	4.6	19.3	25.3	28.8
Estimated Uses														
Known leaks - Est. loss	3,556	10,624	7,246	3,851	3,850	174,600	10,695	22,951	671	0	267	602	1,080	239,993
Total Estimated Uses	3,556	10,624	7,246	3,851	3,850	174,600	10,695	22,951	671	0	267	602	1,080	239,993
Unaccounted for Water (CF)	84,700	129,619	27,621	277,992	136,764	622,921	260,815	(15,953)	(39,530)	42,395	12,292	203,037	77,841	1,820,513
Unaccounted For (%)	4.4%	6.3%	1.3%	10.5%	4.5%	17.5%	7.8%	-0.5%	-1.4%	1.9%	0.6%	9.2%	4.0%	5.5%
Unaccounted For (GPM)	15.7	21.0	4.8	49.8	22.2	104.4	43.7	(2.8)	(6.8)	7.1	2.1	36.4	13.9	25.9
Number of Days in Period	28	32	30	29	32	31	31	30	30	31	30	29	29	365

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.

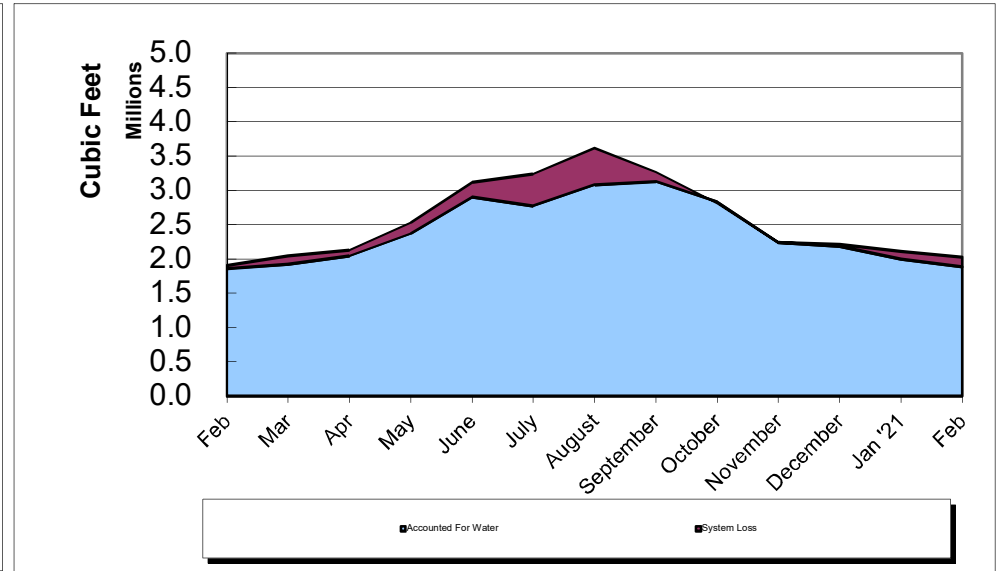
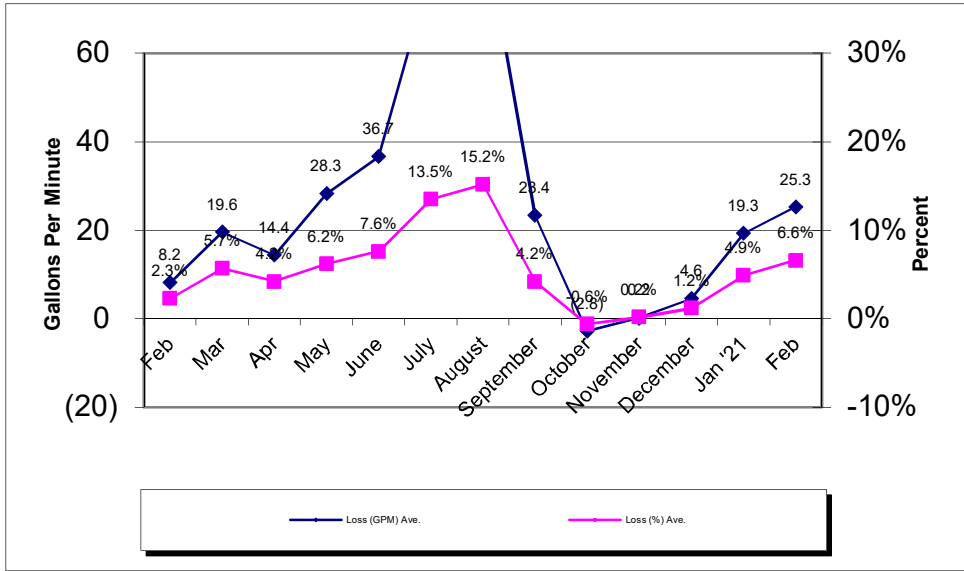
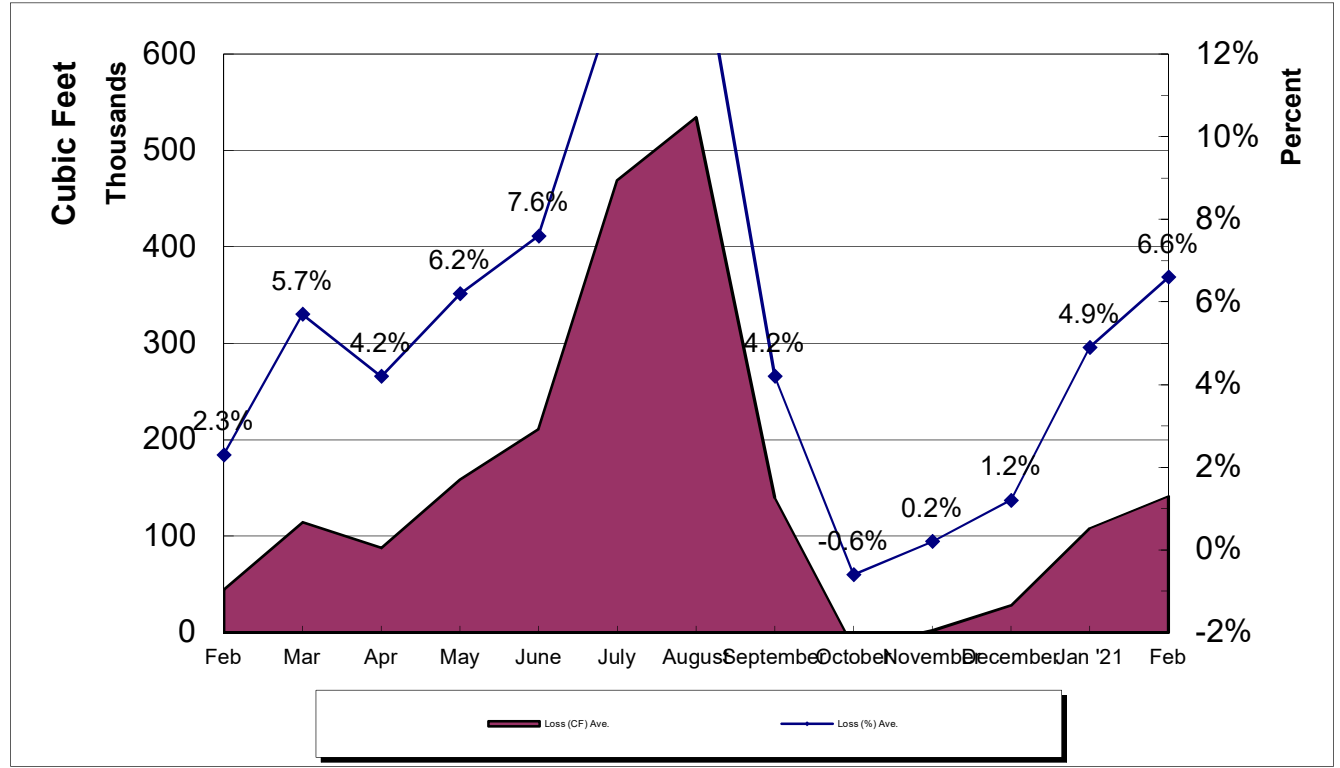
** - Water Used - Metered Accounts is adjusted to the time period in Total Water Supplie

*** - 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:	\$3,730	\$4,104
Cost of 5% System Loss:	2,594	3,379
Amount above (below) 5% System Loss	\$1,136	\$725
Note: Cost is calculated at highest cost (CLAWA Rate: \$2.64/100 c.f.)		

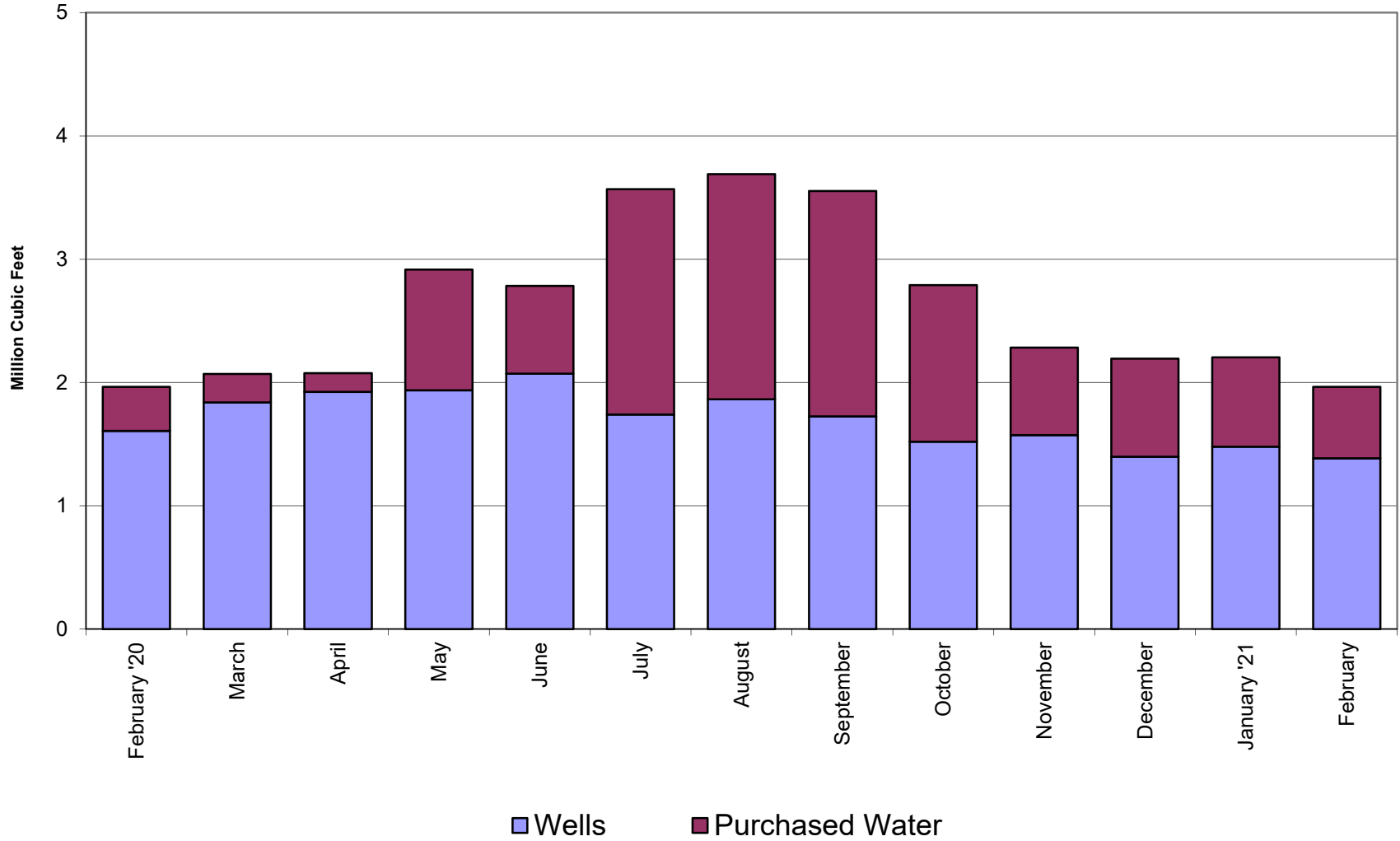
Crestline Village Water District

System Loss
Last 13 Months
With Month to Month
Averaging



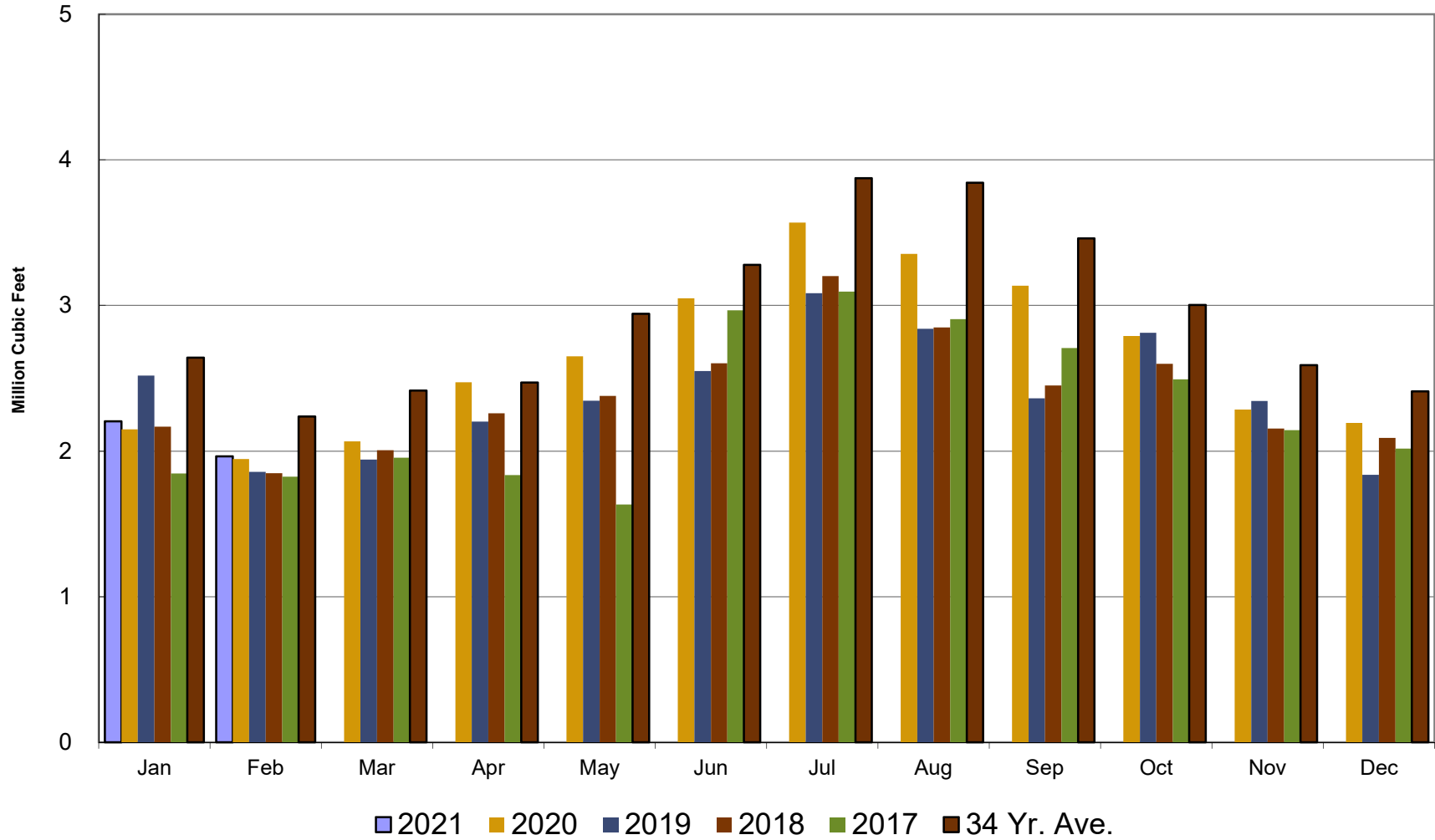
Crestline Village Water District

Water Sources - Last 13 Months



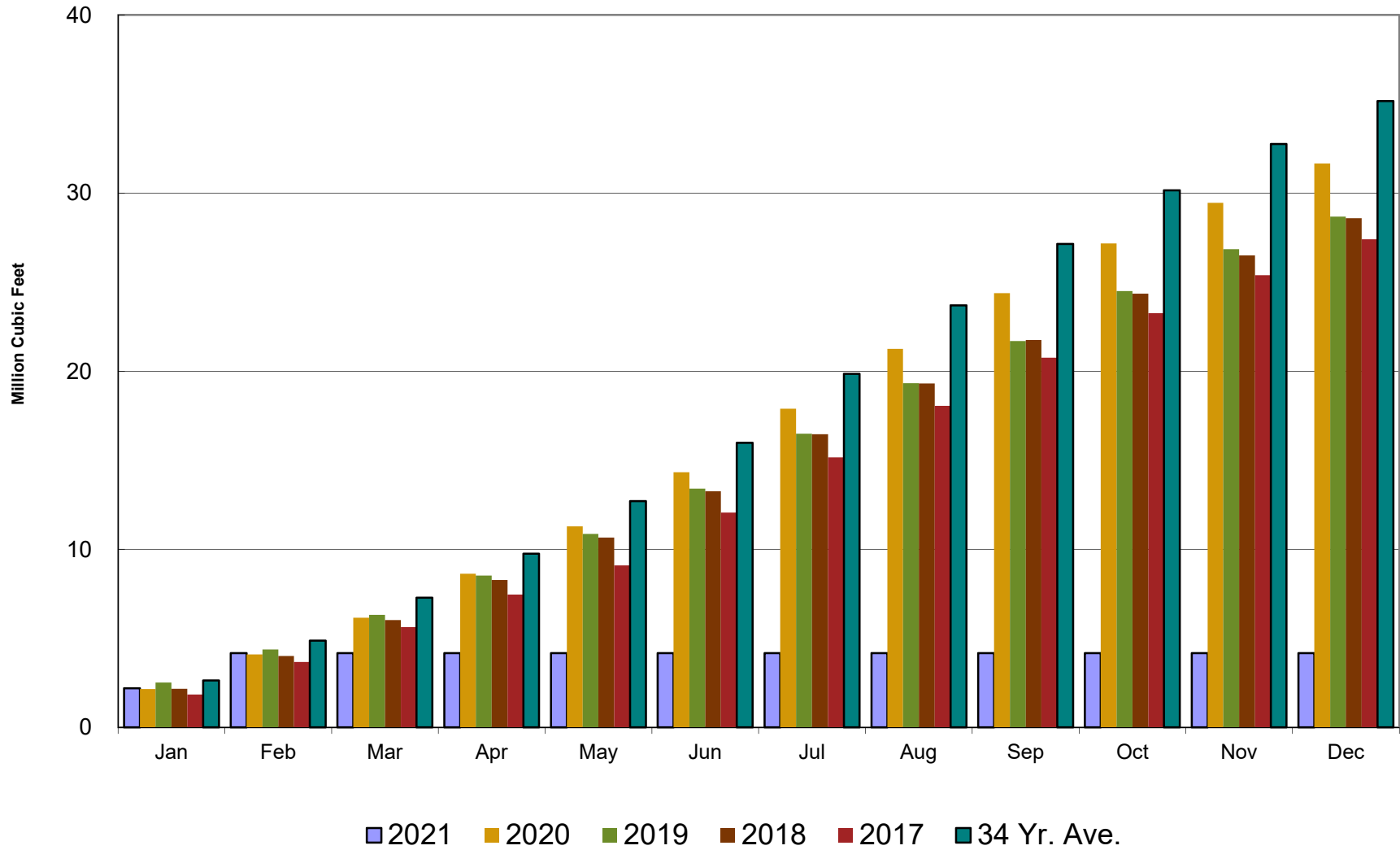
Crestline Village Water District

Total Production by Month



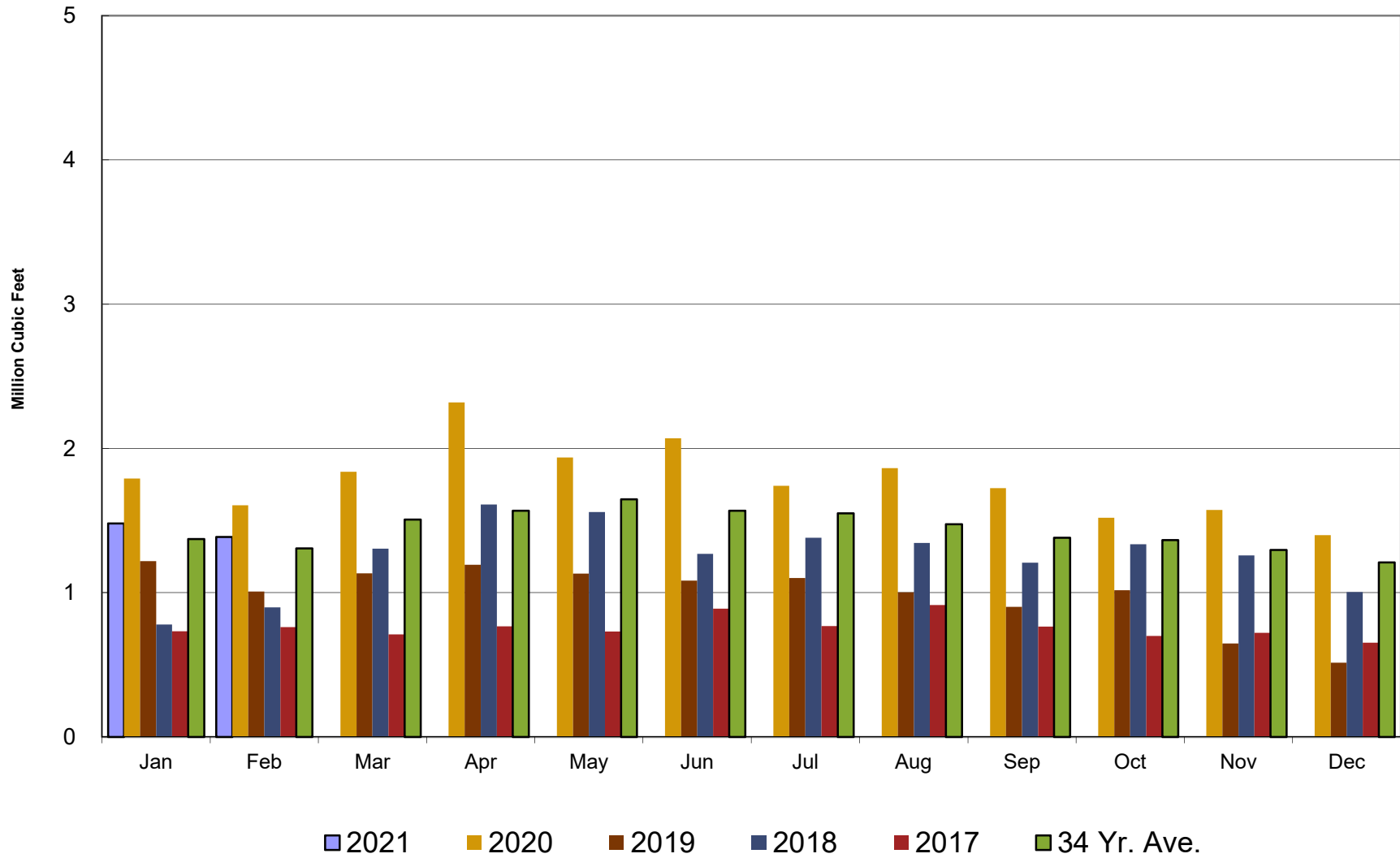
Crestline Village Water District

Total Production Cumulative



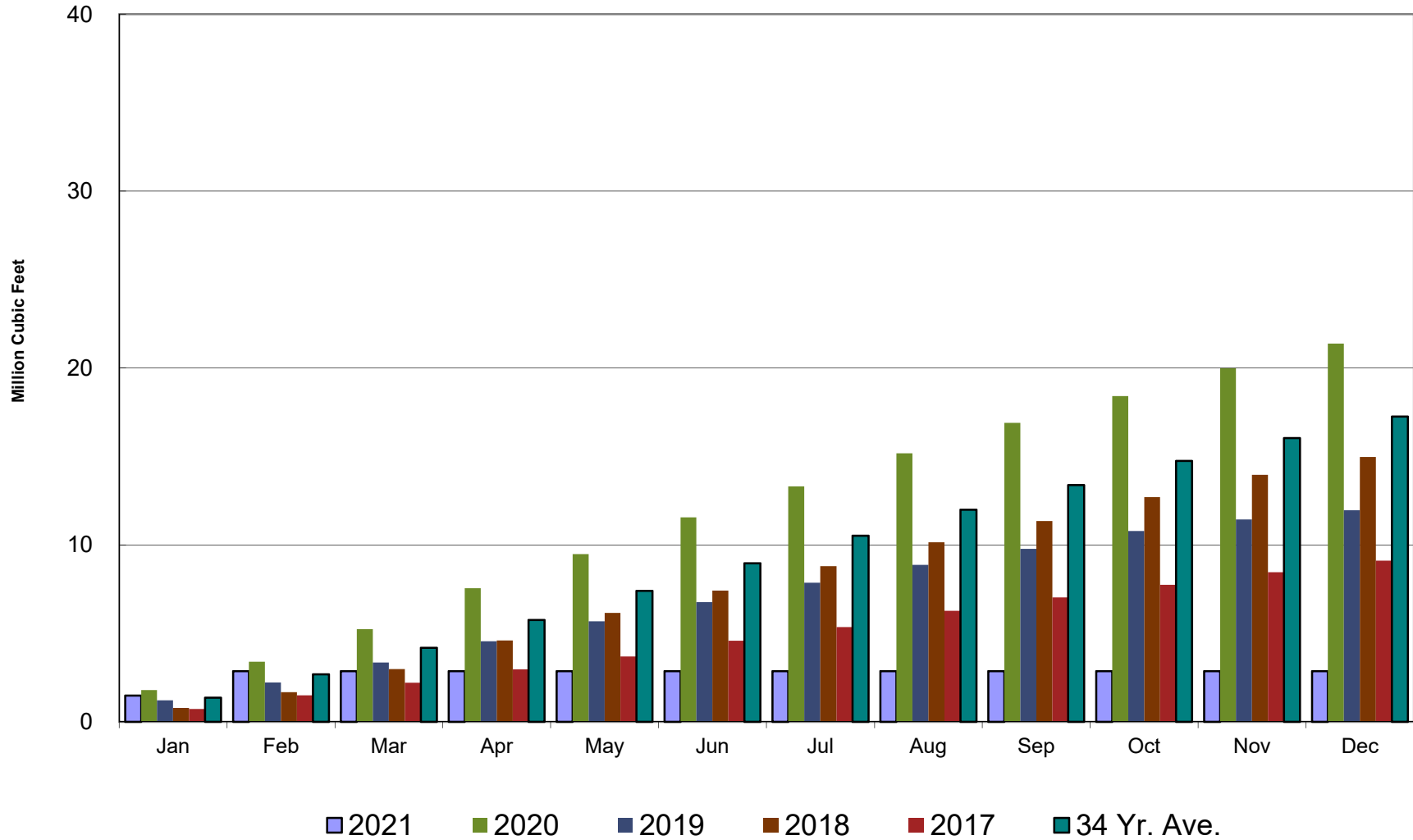
Crestline Village Water District

Well Production by Month



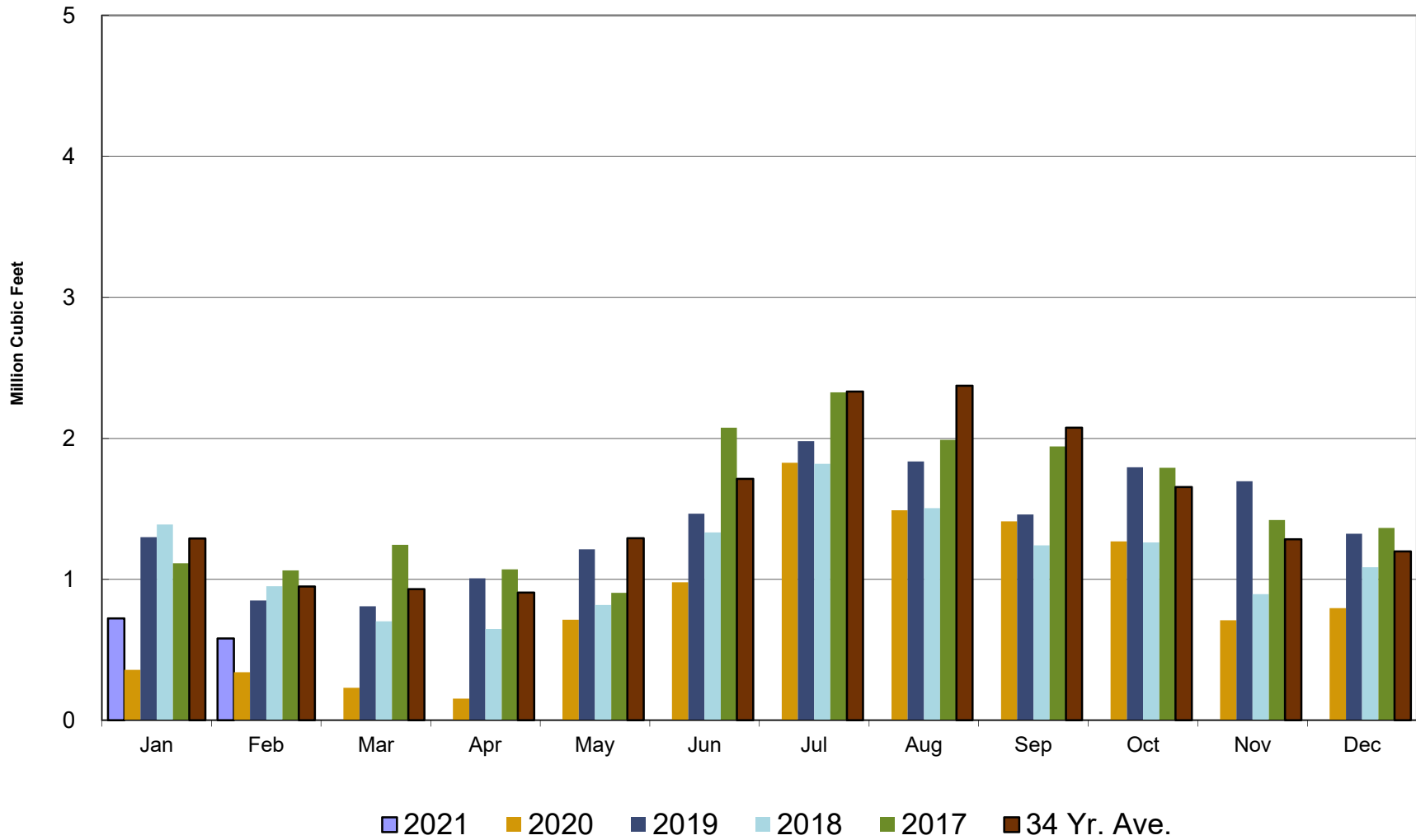
Crestline Village Water District

Well Production Cumulative



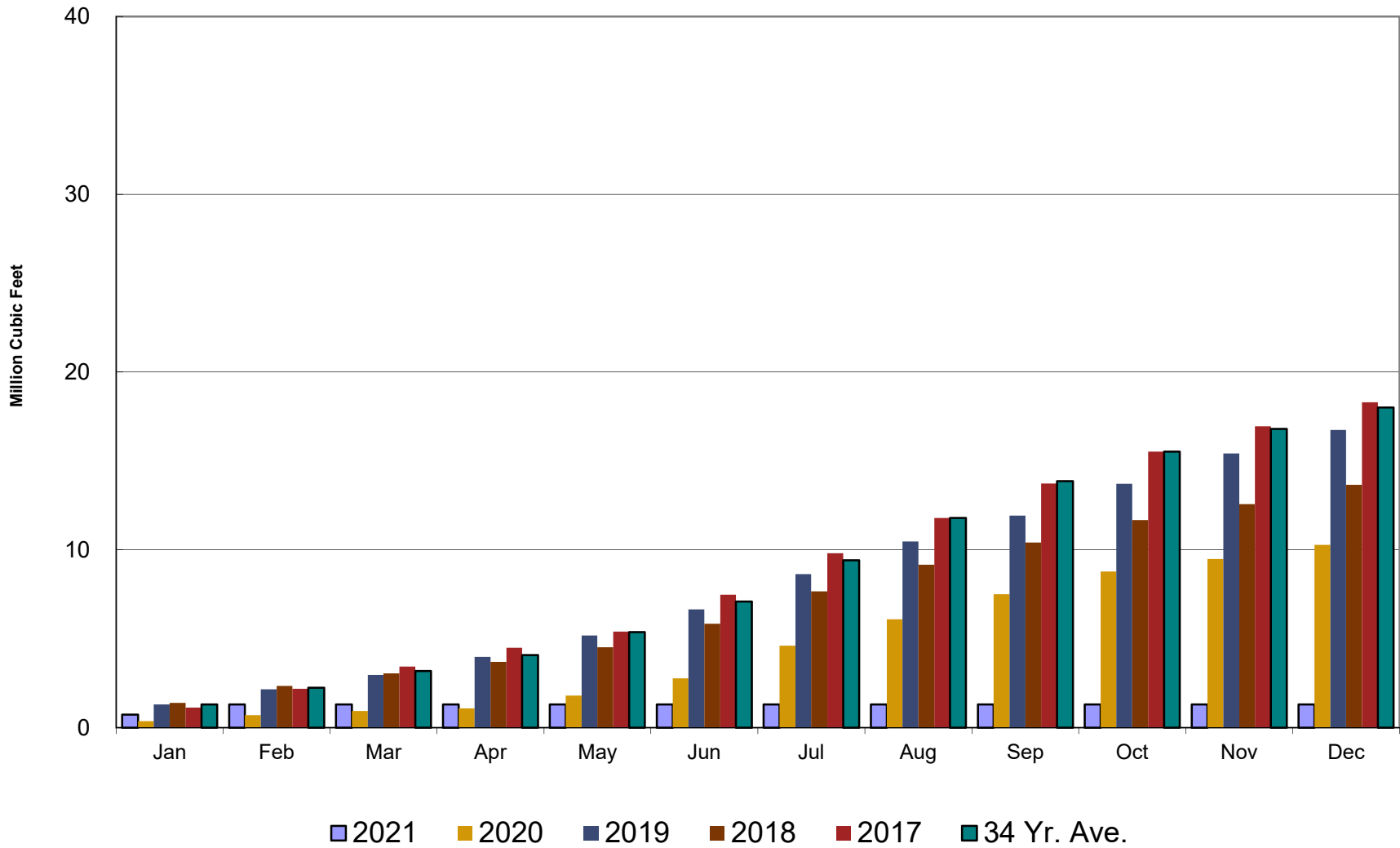
Crestline Village Water District

Purchased Water by Month



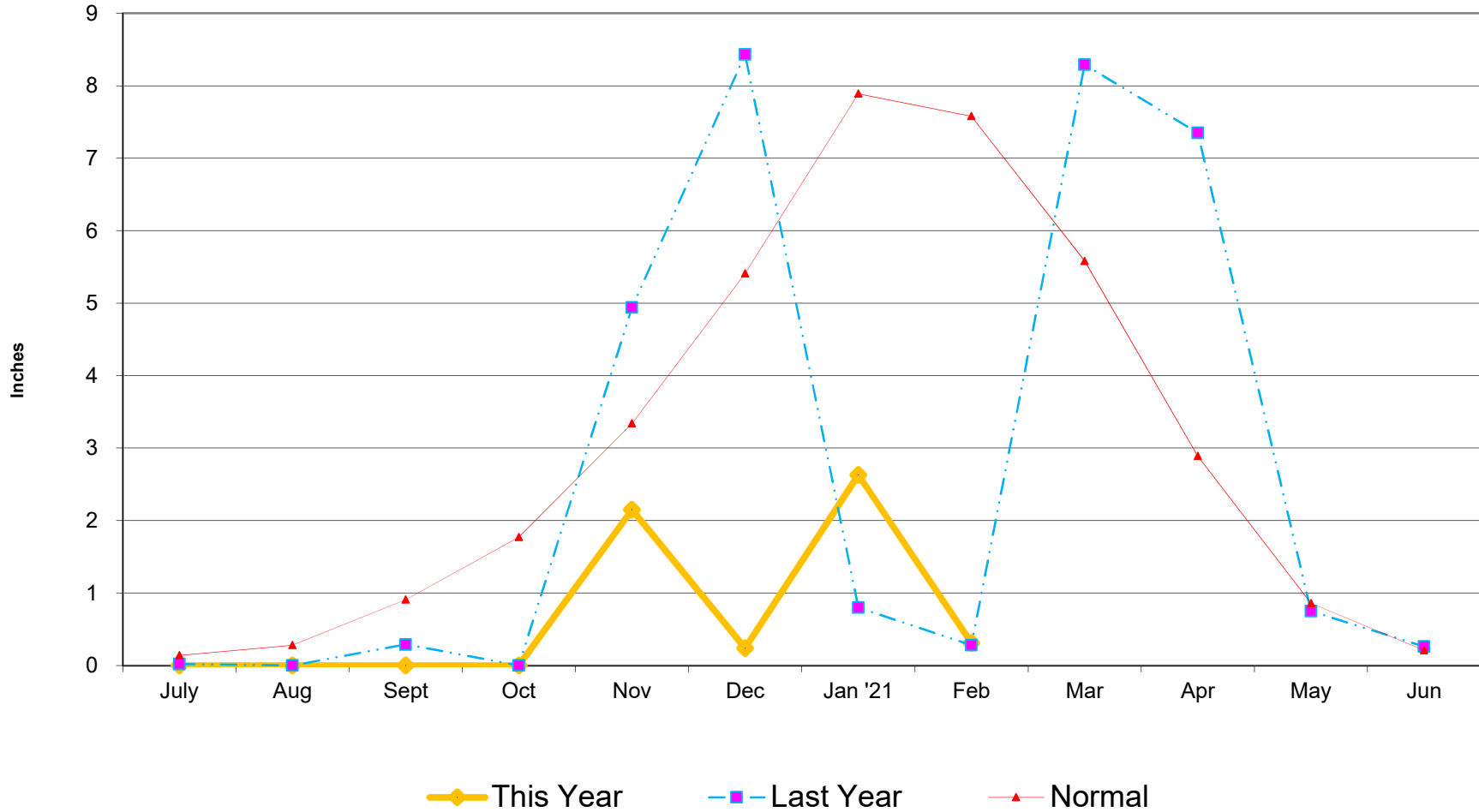
Crestline Village Water District

Purchased Water Cumulative



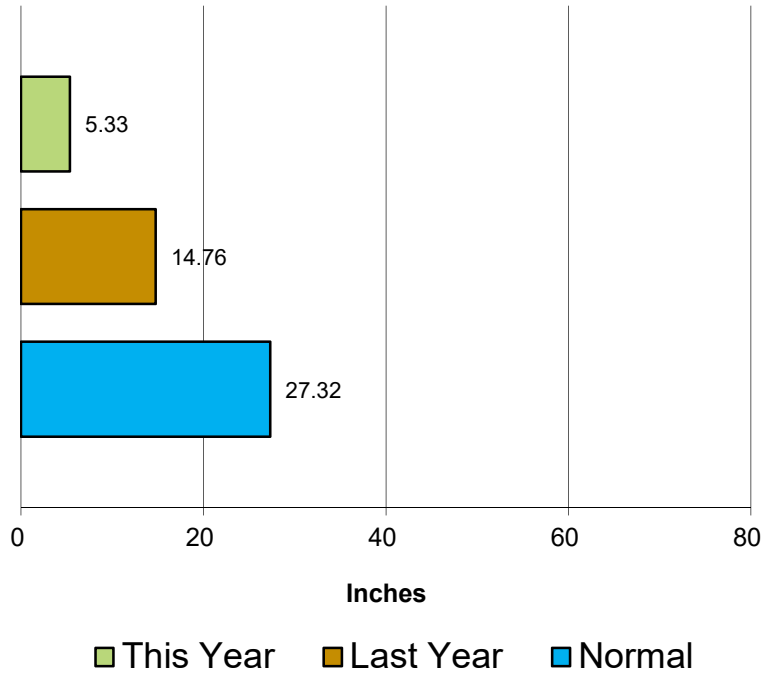
Crestline Village Water District

Rainfall - Last 13 Months

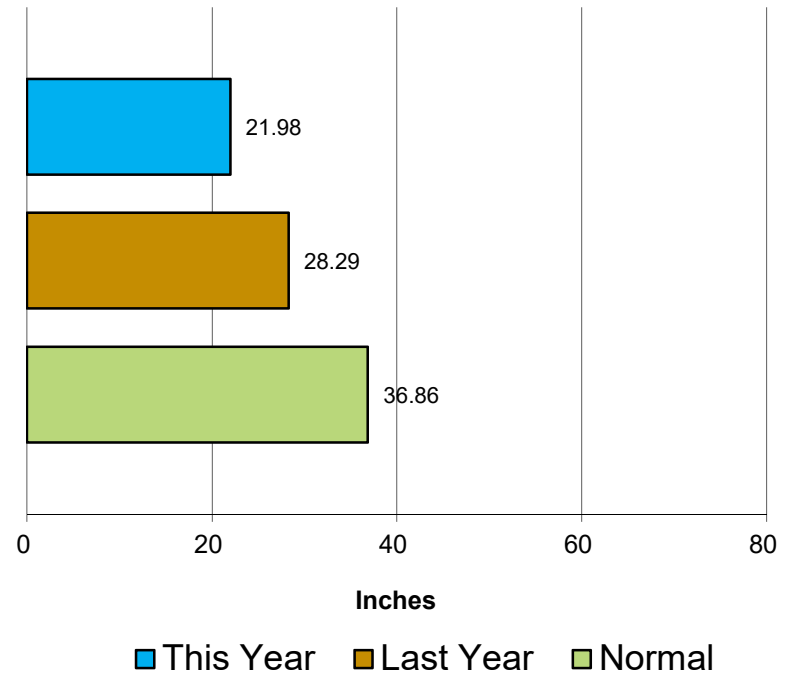


Crestline Village Water District

**Total Rainfall
July 1, 2020 to
Beginning of Current Month**

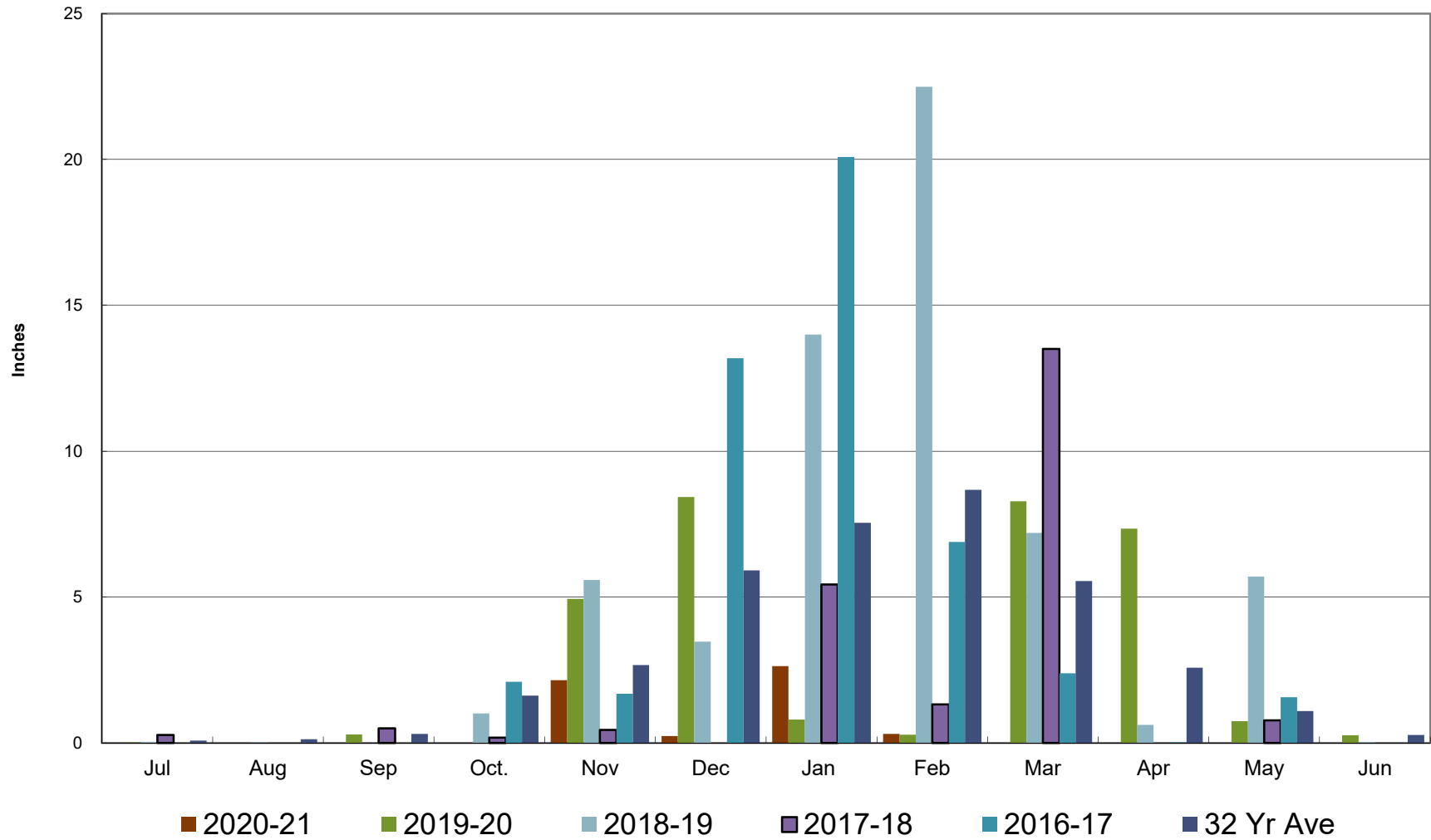


**Total Rainfall
Last 12 Months**



Crestline Village Water District

Rainfall by Month



Crestline Village Water District

Rainfall Cumulative

