

Crestline Village Water District
System Report on: 07/30/21

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,752	18.75	314,100	81.51%
Saxon	337,674	14,681	17.13	251,486	74.48%
Pinecrest I & II	2,063,492	54,302	33.23	1,804,455	87.45%
Zurich	380,500	18,789	19.60	368,264	96.78%
Lakeview	1,230,212	27,955	36.40	1,017,562	82.71%
Old Mill	705,900	27,151	22.41	608,454	86.20%
Barn	444,443	19,752	18.51	365,610	82.26%
Wilson	983,681	33,915	27.44	930,628	94.61%
Chillon	337,674	14,679	18.71	274,644	81.33%
Brookside	748,067	28,772	22.76	654,851	87.54%
Chamois	1,026,532	39,482	22.26	878,869	85.62%
Total	8,643,529		257.20	7,468,923	86.41%

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	83	70	13	18.57%	449,064
Mile High 2"	49	50	(1)	-2.00%	248,930
Mile High 4"	0	0	0	0.00%	0
Pinecrest 2"	0	0	0	0.00%	0
Pinecrest 4"	206	170	36	21.18%	1,462,032
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%	30,749
Total	338	290	48	16.55%	2,190,775

July Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	266.8	1,540,877		162.7	939,658
Actual M-T-D:	379.3	2,190,775		197.2	1,139,033
Over/(Under) Last Year:	112.5	649,898.0		34.5	199,375.0

For Month of: July 2021

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	67,061	On
Pioneer-2	42,597	On
Pioneer-1	44,607	On
Old Mill Springs	21,972	On
Maple Springs	53,831	On
Willow Springs	11,280	Off
Brookside Springs	11,520	On
Hillside Springs	0	Off
Pinecrest 1 & 2	50,000	On
Pinecrest Vertical	102,771	On
Cypress Vertical	83,550	On
Anderson Vertical	56,332	On
Wilson Springs 1 & 2	129,135	On
Wilson Vertical	106,270	On
Felsen Vertical	164,094	On
Horst	74,694	On
Jewel 64	74,368	On
Cathcart	23,374	On
Bergschrund	21,577	On
Chamois	0	Off
Chamois Vertical	0	Off
	0	0
	0	0
	0	0
Lewter	0	Off
Total	1,139,033	

Total	GPM	Cubic Feet
Last Year M-T-D:	429.5	2,480,535
Actual M-T-D:	576.6	3,329,808
Over/(Under) Last Year:	147.1	849,273.0

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

08/11/21

<u>Source Name</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>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Last 12 Months</u>	<u>13 Months</u>
Division 10															
Altdorf	81,397	82,909	78,785	69,192	83,283	64,039	73,094	72,746	81,806	55,284	73,962	76,463	67,061	878,624	960,021
Pioneer #2	50,050	50,802	48,132	45,375	49,583	48,459	45,427	44,745	49,796	40,721	41,512	48,086	42,597	555,235	605,285
Pioneer #1	57,289	59,291	56,474	57,851	54,680	61,163	54,439	51,692	59,812	48,719	47,327	51,594	44,607	647,649	704,938
Old Mill Springs	79,662	66,529	57,564	52,963	49,940	45,091	40,876	44,235	46,746	39,197	31,721	32,876	21,972	529,710	609,372
Maple Springs	78,650	81,996	81,201	78,544	78,228	69,675	69,469	68,309	74,377	63,540	57,546	63,514	53,831	840,230	918,880
Willow Springs	73,280	67,390	59,530	54,200	51,060	45,510	40,650	39,000	39,130	33,520	28,190	30,240	11,280	499,700	572,980
Brookside Springs	40,720	40,170	32,400	27,240	24,390	20,740	18,100	19,120	19,610	16,760	14,040	14,830	11,520	258,920	299,640
Hillside Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pinecrest	131,906	118,147	100,170	89,094	83,295	45,206	87,088	62,746	69,569	61,148	56,066	60,768	50,000	883,297	1,015,203
Pinecrest Vertical	176,025	174,453	162,907	130,015	171,941	96,648	187,259	133,606	139,279	117,333	103,923	112,327	102,771	1,632,462	1,808,487
Cypress Vertical	107,340	106,410	101,550	100,800	67,420	46,100	100,060	83,330	94,050	109,810	93,390	101,120	83,550	1,087,590	1,194,930
Anderson Vertical	152,604	150,060	143,229	138,465	138,670	127,033	81,594	108,042	45,304	86,007	60,506	64,309	56,332	1,199,551	1,352,155
Division 10 Totals	1,028,923	998,157	921,942	843,739	852,490	669,664	798,056	727,571	719,479	672,039	608,183	656,127	545,521	9,012,968	10,041,891
Division 20															
Wilson Springs #1 & 2	198,185	193,948	180,838	170,790	176,925	164,764	153,114	150,524	163,192	146,238	131,808	147,188	129,135	1,908,464	2,106,649
Wilson Vertical	9,303	172,853	153,015	143,310	110,947	131,274	125,638	119,002	130,969	116,893	107,212	123,179	106,270	1,540,562	1,549,865
Felsen Vertical	179,333	180,310	172,086	168,653	175,778	169,774	165,484	159,546	182,225	167,857	155,770	182,229	164,094	2,043,806	2,223,139
Horst	127,132	124,713	113,550	48,248	110,614	119,948	104,420	99,500	103,454	88,540	77,017	88,272	74,694	1,152,970	1,280,102
Jewell No. 64	83,747	81,872	78,585	77,143	79,238	76,275	73,922	72,446	82,765	75,112	70,291	81,499	74,368	923,516	1,007,263
Cathcart	31,052	30,164	28,536	12,043	29,006	34,546	30,685	30,109	30,905	26,231	23,767	26,693	23,374	326,059	357,111
Bergschrund	37,934	36,622	33,563	14,509	35,756	31,742	28,005	26,745	28,978	25,245	22,452	25,395	21,577	330,589	368,523
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	44,858	44,400	42,333	41,707	2,957	0	0	0	0	0	0	0	0	131,397	176,255
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	711,544	864,882	802,506	676,403	721,221	728,323	681,268	657,872	722,488	646,116	588,317	674,455	593,512	8,357,363	9,068,907
Total District Sources	1,740,467	1,863,039	1,724,448	1,520,142	1,573,711	1,397,987	1,479,324	1,385,443	1,441,967	1,318,155	1,196,500	1,330,582	1,139,033	17,370,331	19,110,798
C.L.A.W.A.															
Crest Forest 6"	307,888	307,888	307,888	280,882	233,155	281,952	118,316	0	217,246	281,016	244,385	411,364	449,064	3,133,156	3,441,044
Mile High Park 2"	298,730	298,730	298,730	235,989	112,433	173,075	165,829	166,230	192,273	178,850	227,660	283,115	248,930	2,581,844	2,880,574
Mile High Park 4"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pinecrest 2"	444,559	444,559	444,559	0	103,422	339,973	402,513	413,155	315,281	387,741	105,789	0	0	2,956,992	3,401,551
Pinecrest 4"	719,920	719,920	719,920	752,406	260,561	0	0	0	0	0	489,037	1,110,963	1,462,032	5,514,839	6,234,759
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	56,551	56,551	56,551	0	0	0	36,497	0	22,460	42,380	66,979	30,749	30,749	342,916	399,467
C.L.A.W.A. Totals	1,827,648	1,827,648	1,827,648	1,269,277	709,571	795,000	723,155	579,385	747,260	889,987	1,133,850	1,836,191	2,190,775	14,529,747	16,357,395
Grand Totals	3,568,115	3,690,687	3,552,096	2,789,419	2,283,282	2,192,987	2,202,479	1,964,828	2,189,227	2,208,142	2,330,350	3,166,773	3,329,808	31,900,078	35,468,193
District Sources															
Division 10	1,028,923	998,157	921,942	843,739	852,490	669,664	798,056	727,571	719,479	672,039	608,183	656,127	545,521	9,012,968	10,041,891
Division 20	711,544	864,882	802,506	676,403	721,221	728,323	681,268	657,872	722,488	646,116	588,317	674,455	593,512	8,357,363	9,068,907

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

08/11/21

<u>Source Name</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>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Last 12 Months</u>	<u>13 Months</u>
Total	1,740,467	1,863,039	1,724,448	1,520,142	1,573,711	1,397,987	1,479,324	1,385,443	1,441,967	1,318,155	1,196,500	1,330,582	1,139,033	17,370,331	19,110,798
Division 10	59.12%	53.58%	53.46%	55.50%	54.17%	47.90%	53.95%	52.52%	49.90%	50.98%	50.83%	49.31%	47.89%	51.89%	52.55%
Division 20	40.88%	46.42%	46.54%	44.50%	45.83%	52.10%	46.05%	47.48%	50.10%	49.02%	49.17%	50.69%	52.11%	48.11%	47.45%
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	1,740,467	1,863,039	1,724,448	1,520,142	1,573,711	1,397,987	1,479,324	1,385,443	1,441,967	1,318,155	1,196,500	1,330,582	1,139,033	17,370,331	19,110,798
C.L.A.W.A.	1,827,648	1,827,648	1,827,648	1,269,277	709,571	795,000	723,155	579,385	747,260	889,987	1,133,850	1,836,191	2,190,775	14,529,747	16,357,395
Total Sources	3,568,115	3,690,687	3,552,096	2,789,419	2,283,282	2,192,987	2,202,479	1,964,828	2,189,227	2,208,142	2,330,350	3,166,773	3,329,808	31,900,078	35,468,193
District Sources	48.78%	50.48%	48.55%	54.50%	68.92%	63.75%	67.17%	70.51%	65.87%	59.70%	51.34%	42.02%	34.21%	54.45%	53.88%
C.L.A.W.A.	51.22%	49.52%	51.45%	45.50%	31.08%	36.25%	32.83%	29.49%	34.13%	40.30%	48.66%	57.98%	65.79%	45.55%	46.12%
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

	July	Aug	Sep	Oct	Nov	Dec	Jan '21	Feb	Mar	Apr	May	June	July	Total
Sources of Supply														
Wells	1,740,467	1,863,039	1,724,448	1,520,142	1,573,711	1,397,987	1,479,324	1,385,443	1,441,967	1,318,155	1,324,696	1,209,620	1,139,033	17,978,999
Purchased Water	1,827,648	1,490,709	1,410,963	1,269,277	709,571	795,000	723,155	579,385	747,260	889,987	1,255,334	1,669,265	2,190,775	13,367,554
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Supplied	3,568,115	3,353,748	3,135,411	2,789,419	2,283,282	2,192,987	2,202,479	1,964,828	2,189,227	2,208,142	2,580,030	2,878,885	3,329,808	31,346,553
Water Used **														
Metered Accounts														
Crestline Area	1,222,700	1,514,100	1,426,800	1,295,226	998,717	957,097	889,739	852,674	940,713	947,710	1,124,690	1,247,226	1,840,790	13,417,392
Lake Gregory Area	1,500,193	1,547,306	1,710,484	1,462,200	1,299,500	1,148,221	1,039,338	1,048,865	1,103,261	1,045,935	1,151,600	1,355,300	2,002,990	15,412,203
Change in Storage	33,262	6,059	(25,215)	49,383	(76,542)	56,671	55,324	(30,071)	(17,323)	30,718	(56,106)	23,418	371,035	49,578
Flushing, System & Other	14,439	14,773	16,344	21,469	19,212	18,439	14,439	14,439	14,439	32,604	624	22,055	601	203,276
Accounted for Water	2,770,594	3,082,238	3,128,413	2,828,278	2,240,887	2,180,428	1,998,840	1,885,907	2,041,090	2,056,967	2,220,808	2,647,999	4,215,416	29,082,449
System Loss (CF)	797,521	271,510	6,998	(38,859)	42,395	12,559	203,639	78,921	148,137	151,175	359,222	230,886	(885,608)	2,264,104
System Loss (%)	22.4%	8.1%	0.2%	-1.4%	1.9%	0.6%	9.2%	4.0%	6.8%	6.8%	13.9%	8.0%	-26.6%	7.2%
System Loss (GPM)	133.6	45.5	1.2	(6.7)	7.1	2.2	36.5	14.1	23.3	26.2	66.6	36.3	(139.4)	38.7
Month to Month Averaging ***														
System Loss (CF)	400,686	534,516	139,254	(15,931)	1,768	27,477	108,099	141,280	113,529	149,656	255,199	295,054	100,267	2,250,854
System Loss (%)	11.2%	15.2%	4.2%	-0.6%	0.2%	1.2%	4.9%	6.6%	5.4%	6.8%	10.4%	11.0%	-9.3%	7.2%
System Loss (GPM)	66.8	89.6	23.4	(2.8)	0.2	4.6	19.3	25.3	18.7	24.7	46.4	51.5	(51.5)	38.5
Estimated Uses														
Known leaks - Est. loss	174,600	10,695	22,951	671	0	652	7,340	1,080	193	385	0	2,406	2,406	220,972
Total Estimated Uses	174,600	10,695	22,951	671	0	652	7,340	1,080	193	385	0	2,406	2,406	220,972
Unaccounted for Water (CF)	622,921	260,815	(15,953)	(39,530)	42,395	11,907	196,299	77,841	147,944	150,790	359,222	228,480	(888,014)	2,043,131
Unaccounted For (%)	17.5%	7.8%	-0.5%	-1.4%	1.9%	0.5%	8.9%	4.0%	6.8%	6.8%	13.9%	7.9%	-26.7%	6.5%
Unaccounted For (GPM)	104.4	43.7	(2.8)	(6.8)	7.1	2.1	35.2	13.9	23.3	26.1	66.6	36.0	(153.8)	34.9
Number of Days in Period	31	31	30	30	31	30	29	29	33	30	28	33	30	304

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

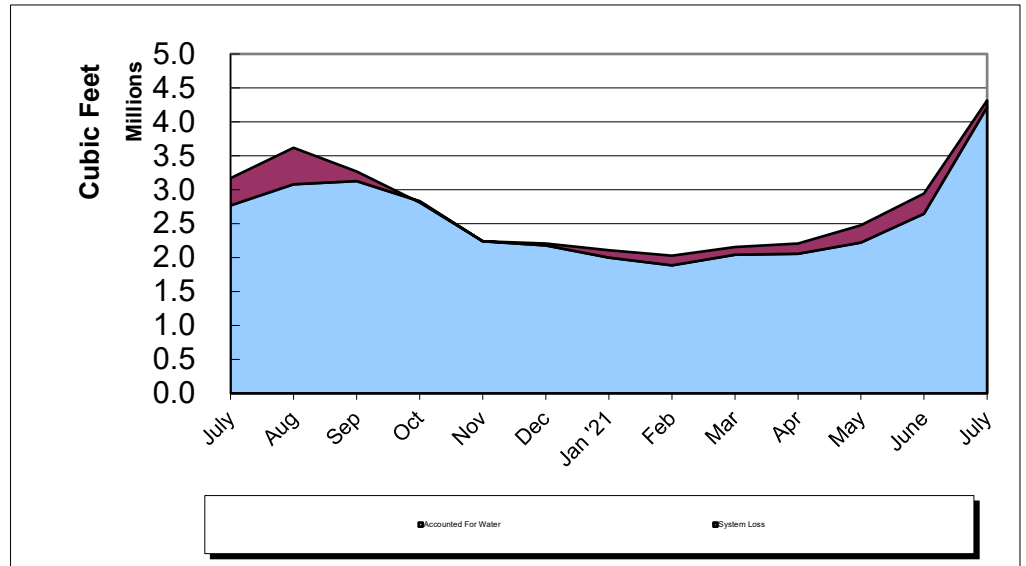
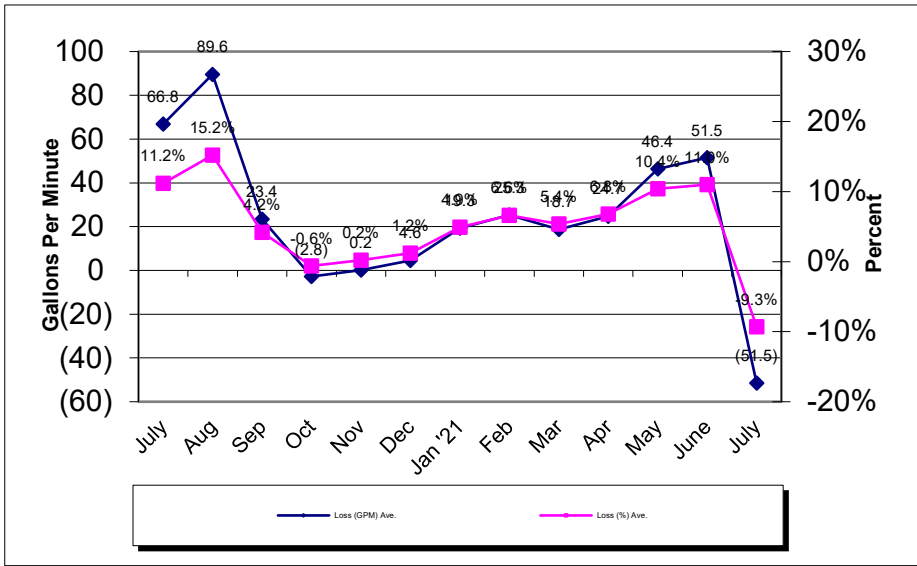
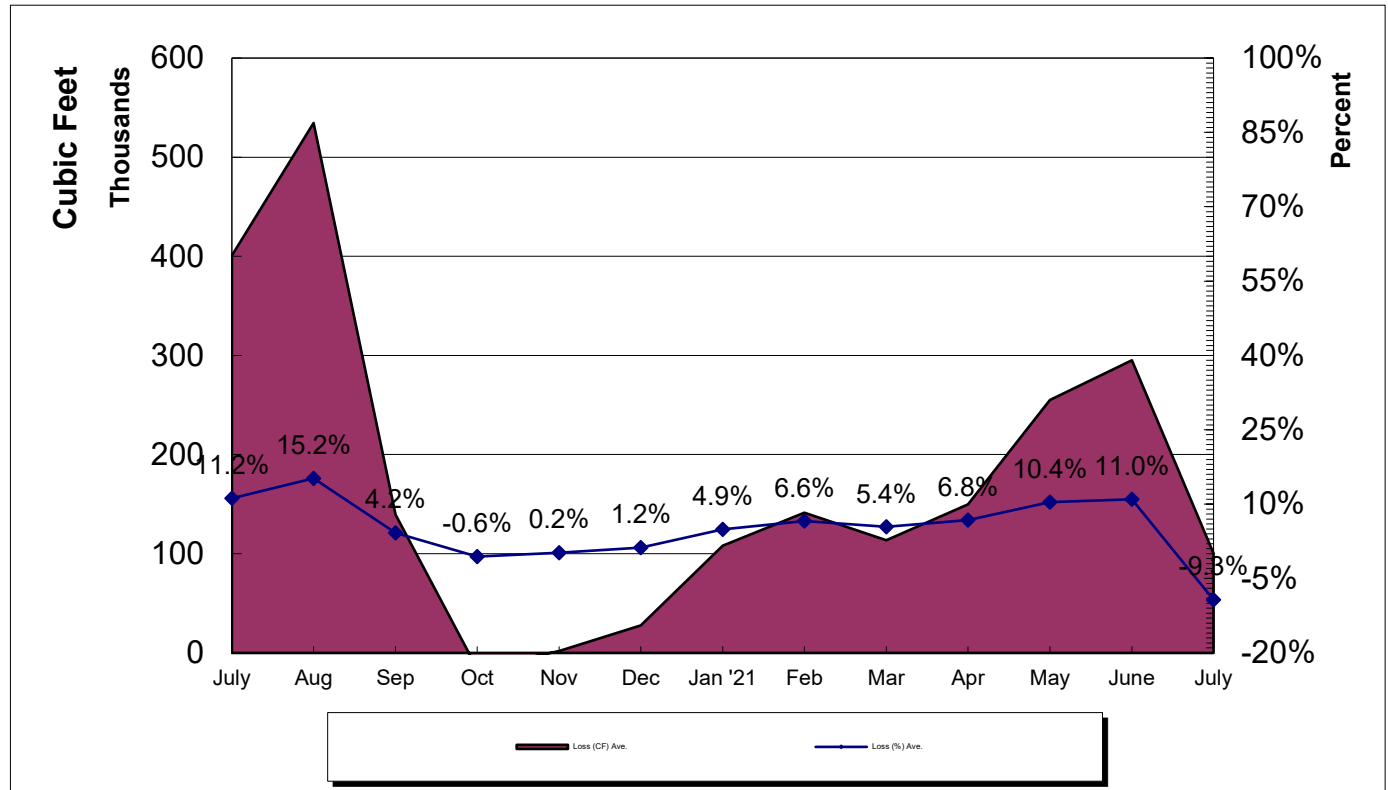
*** - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$7,789	\$4,571
Cost of 5% System Loss:	3,800	3,183
Amount above (below) 5% System Loss	\$3,989	\$1,388
Note: Cost is calculated at highest cost (CLAWA Rate: \$2.64/100 c.f.)		

Crestline Village Water District

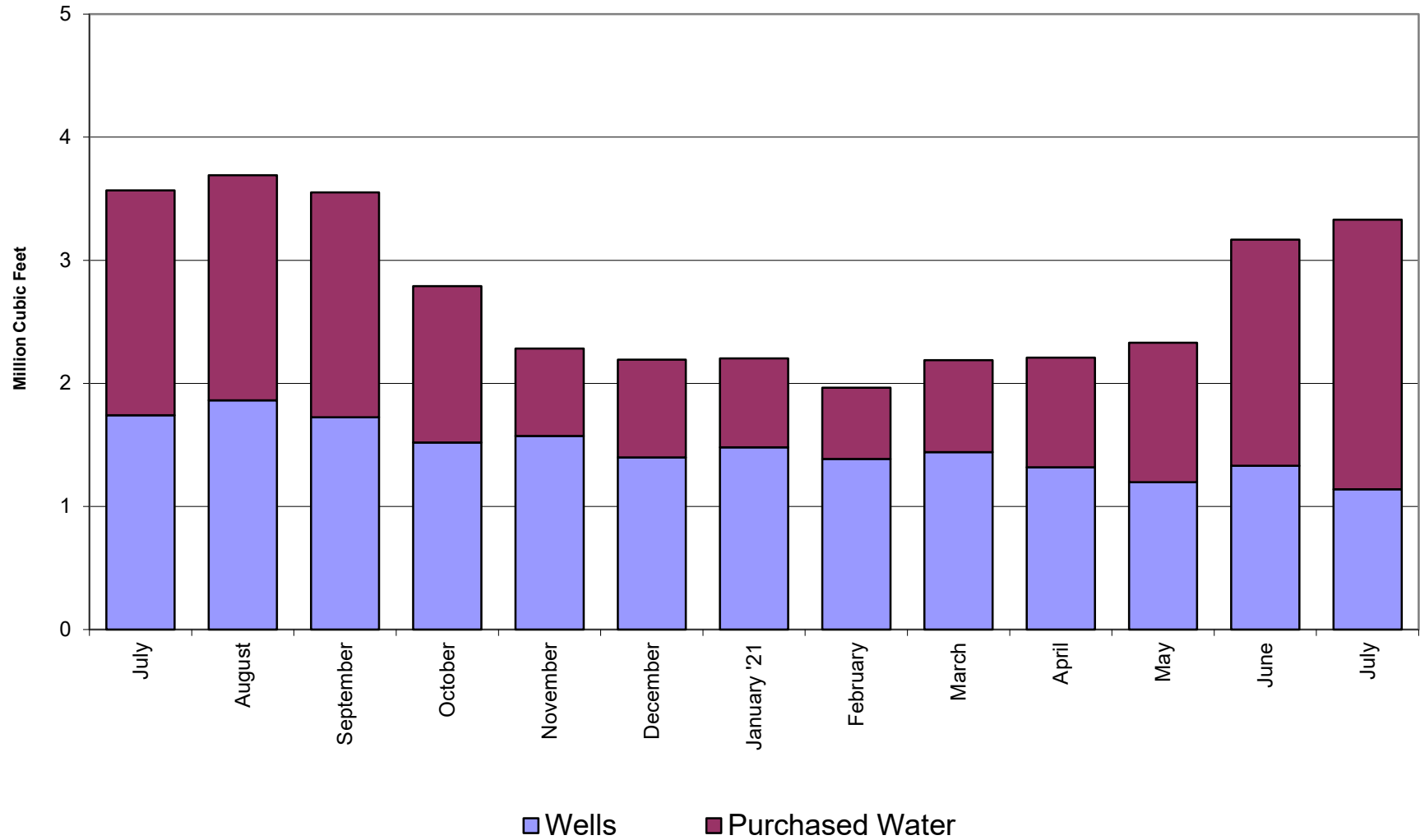
System Loss Last 13 Months

With Month to Month Averaging



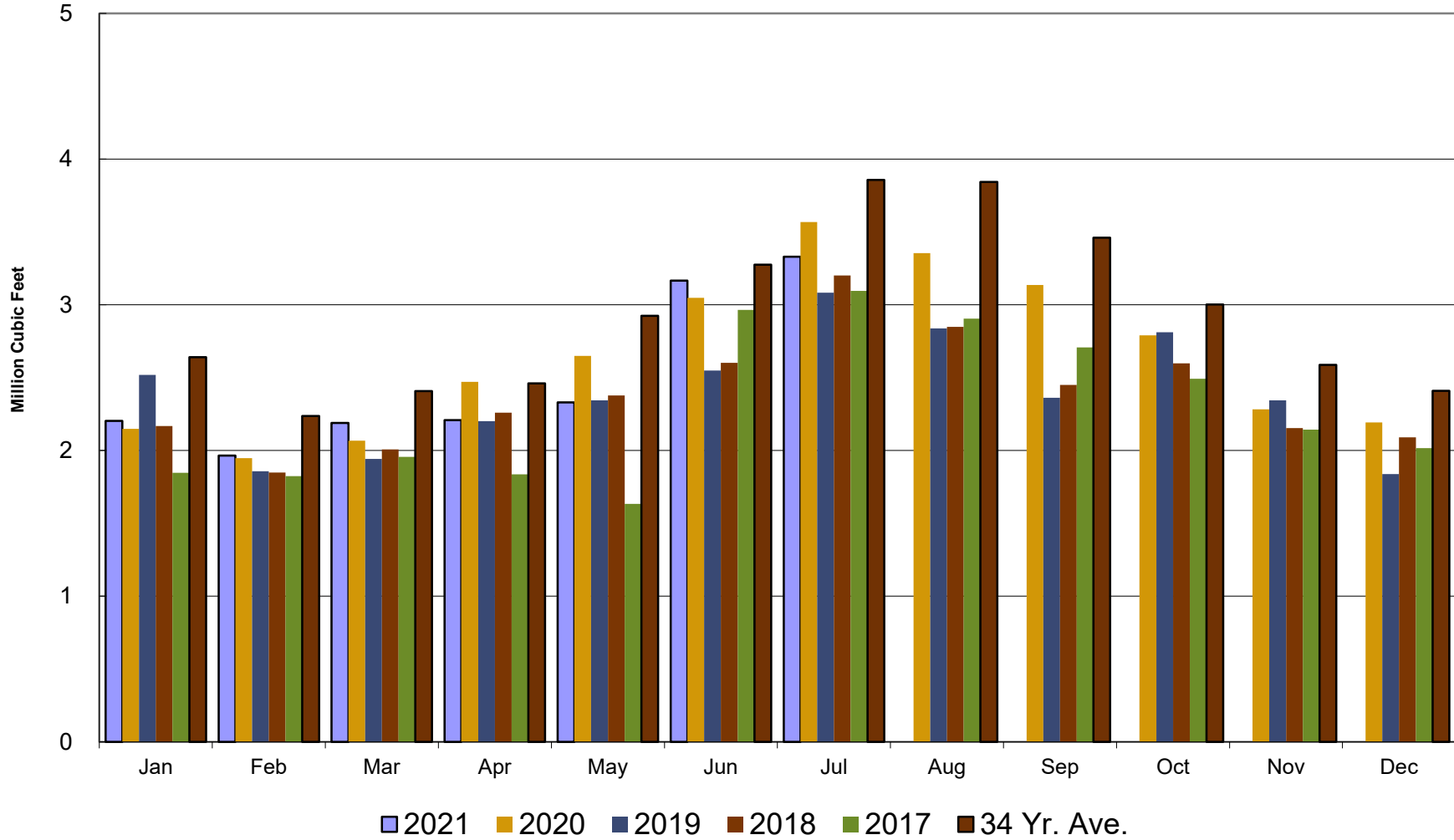
Crestline Village Water District

Water Sources - Last 13 Months



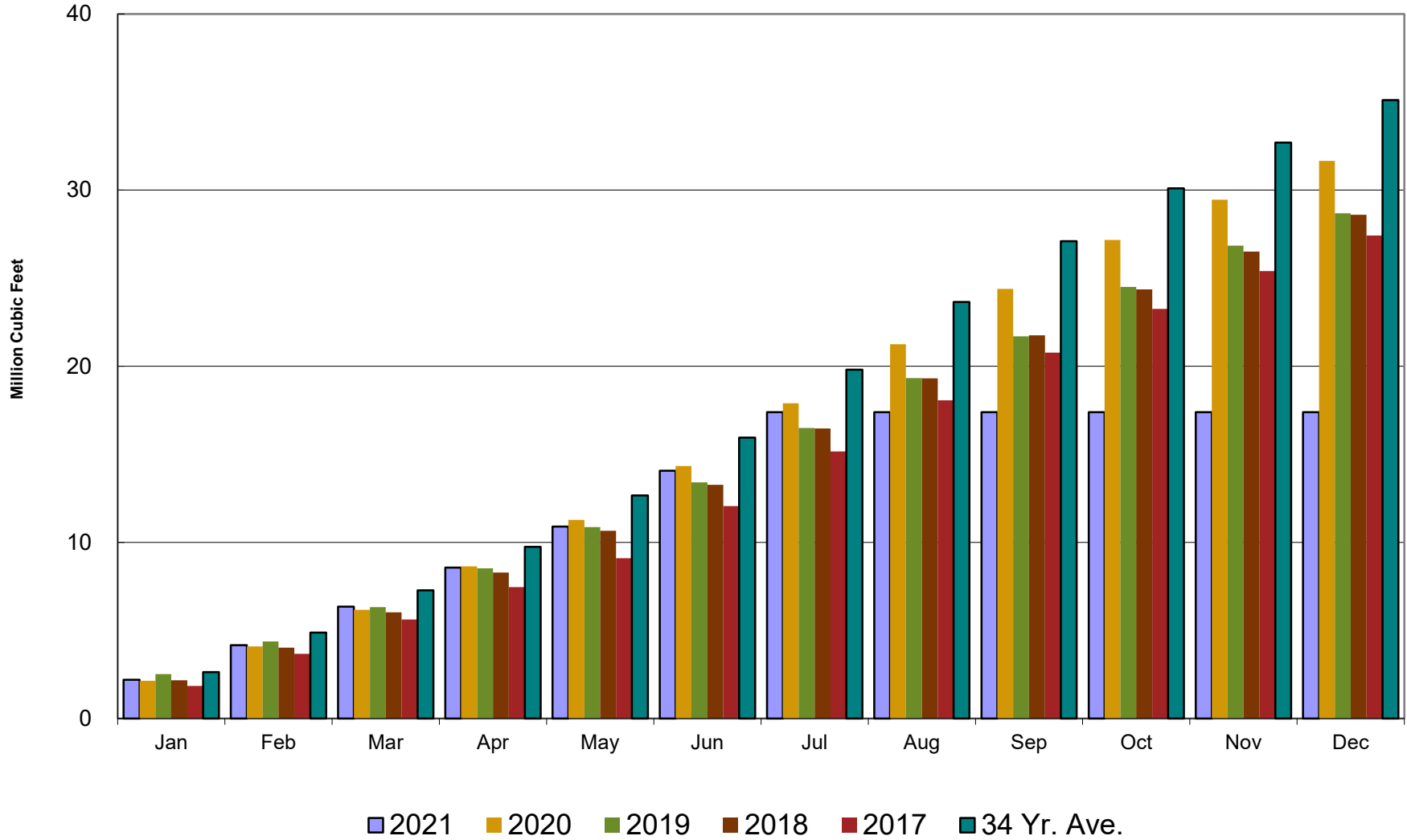
Crestline Village Water District

Total Production by Month



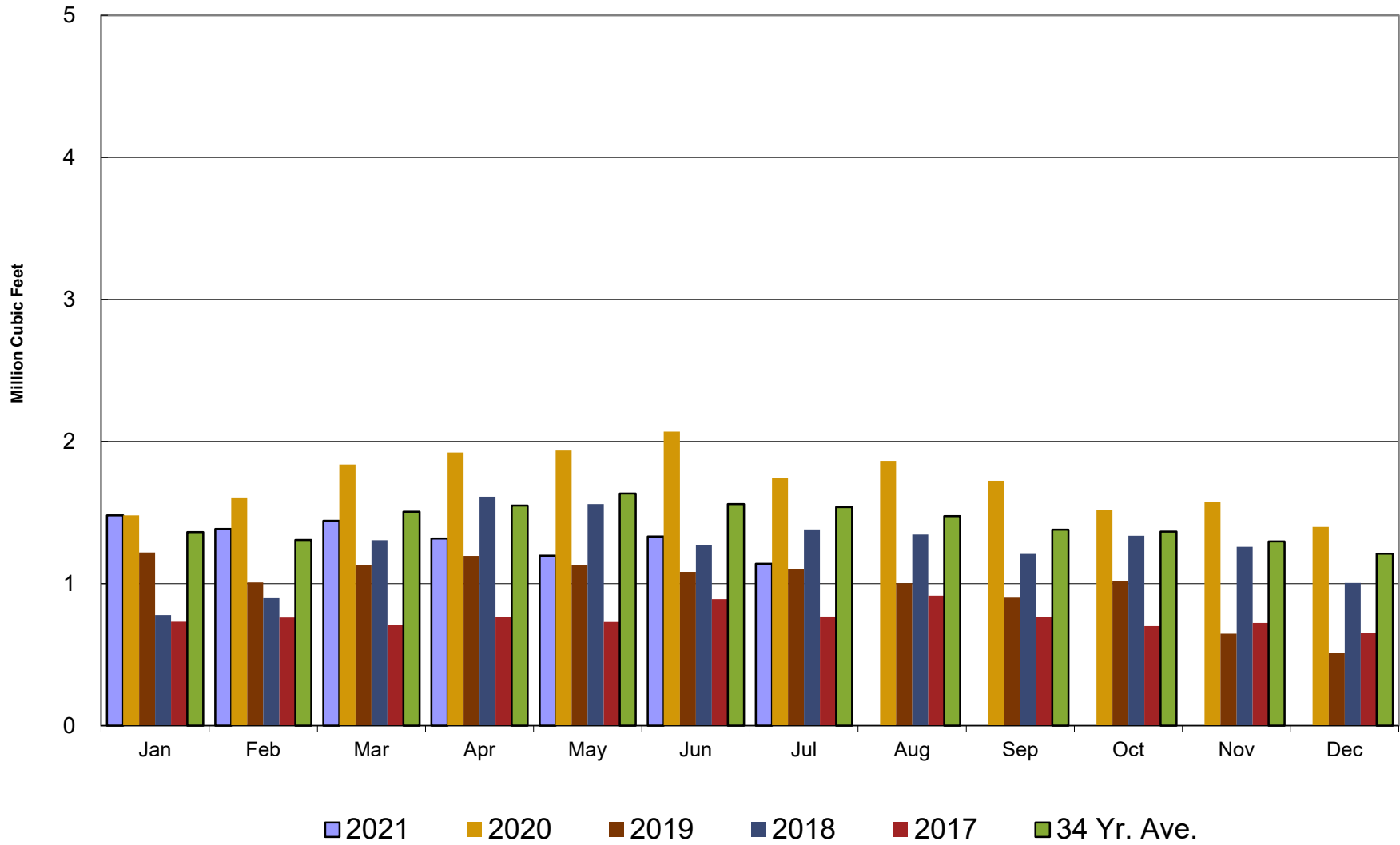
Crestline Village Water District

Total Production Cumulative



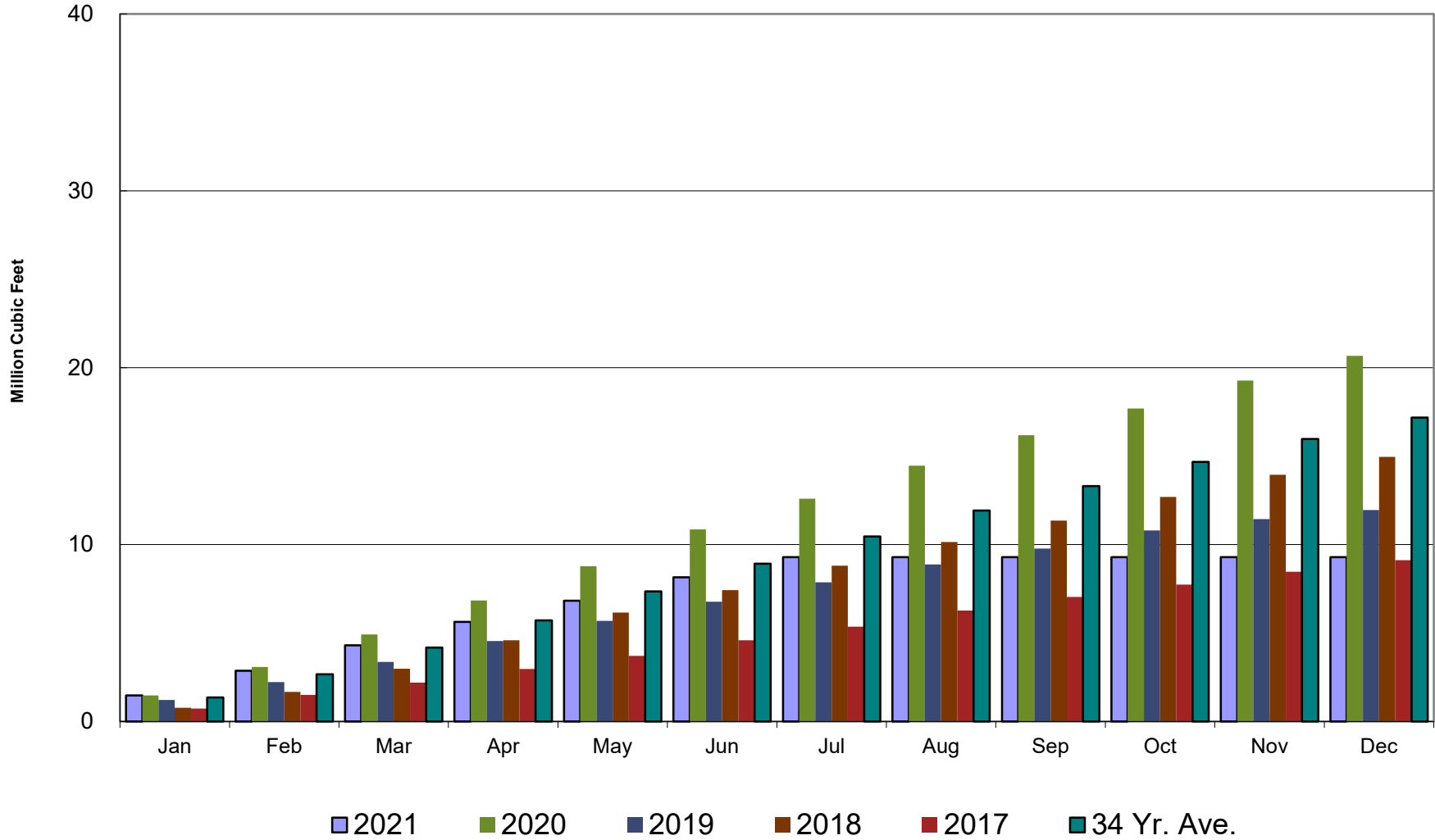
Crestline Village Water District

Well Production by Month



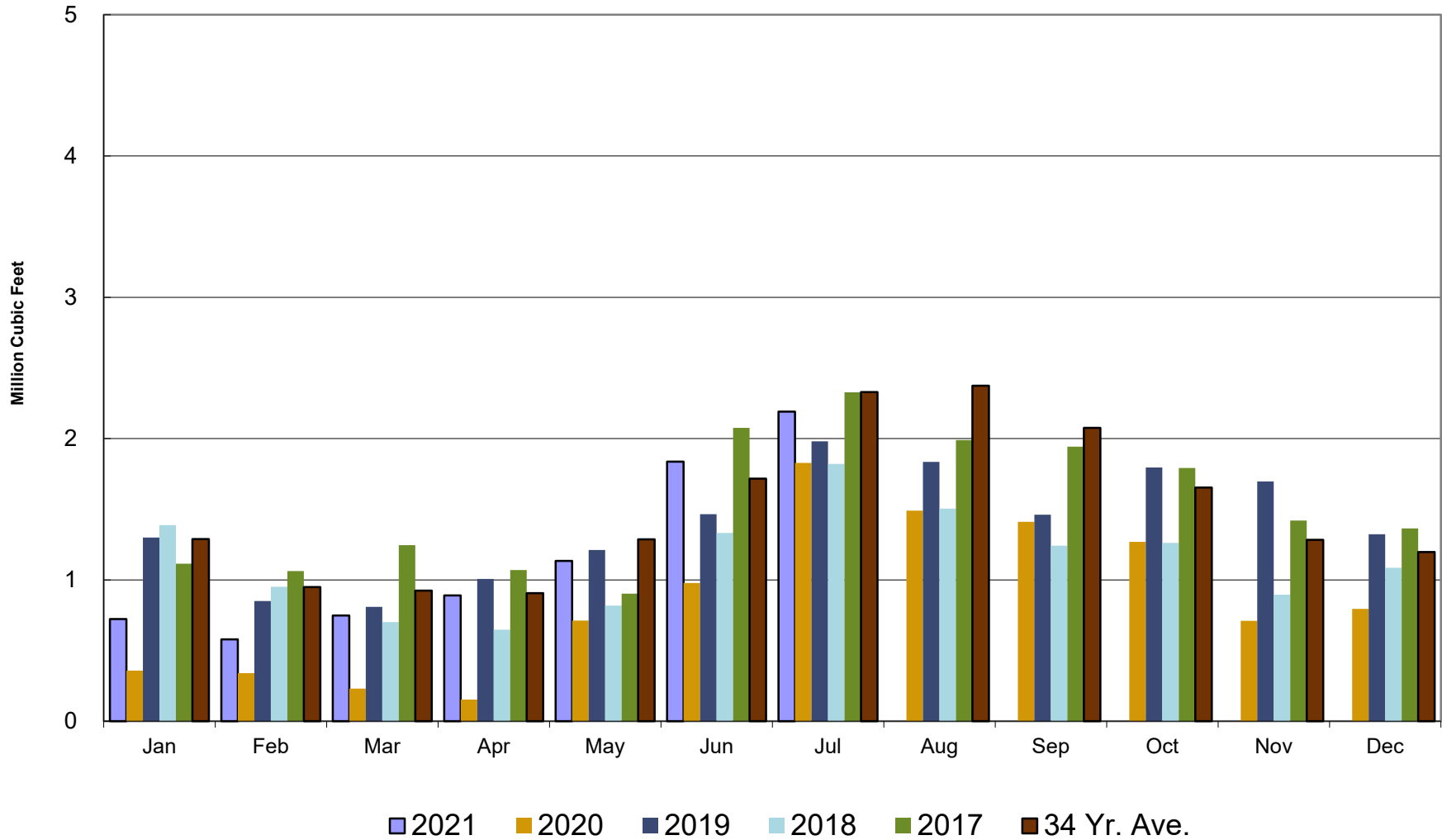
Crestline Village Water District

Well Production Cumulative



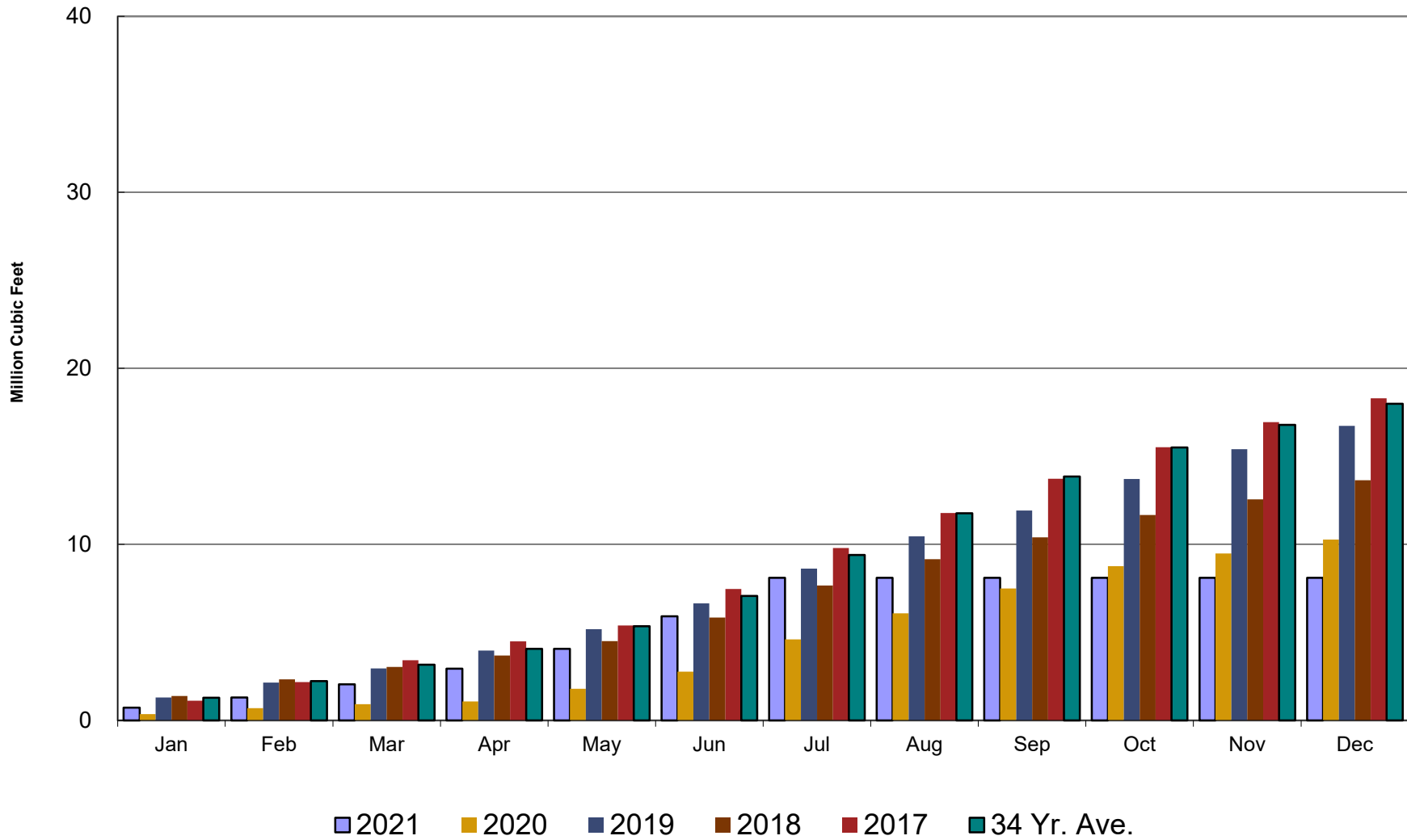
Crestline Village Water District

Purchased Water by Month



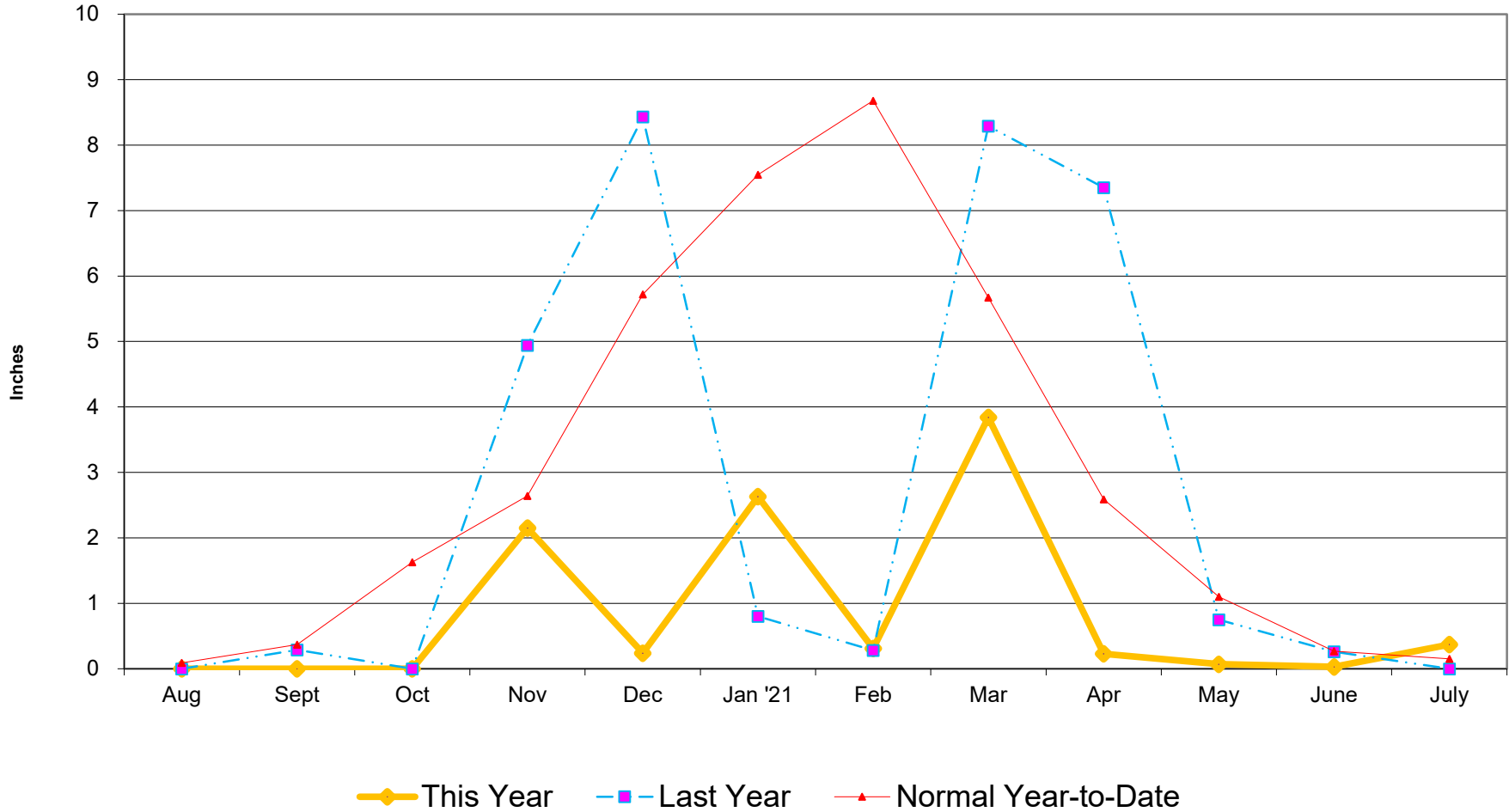
Crestline Village Water District

Purchased Water Cumulative



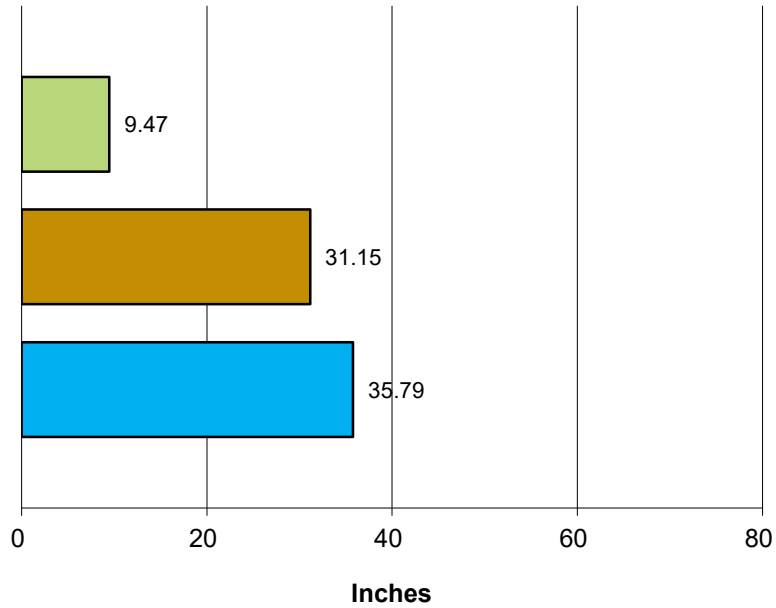
Crestline Village Water District

Rainfall - Last 12 Months



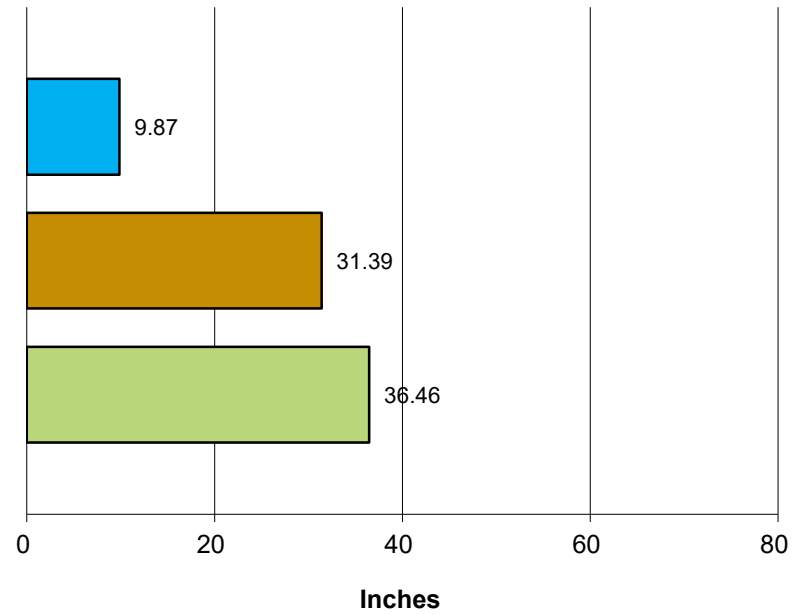
Crestline Village Water District

Total Rainfall July 1, 2020 to Beginning of Current Month



■ This Year ■ Last Year ■ Normal

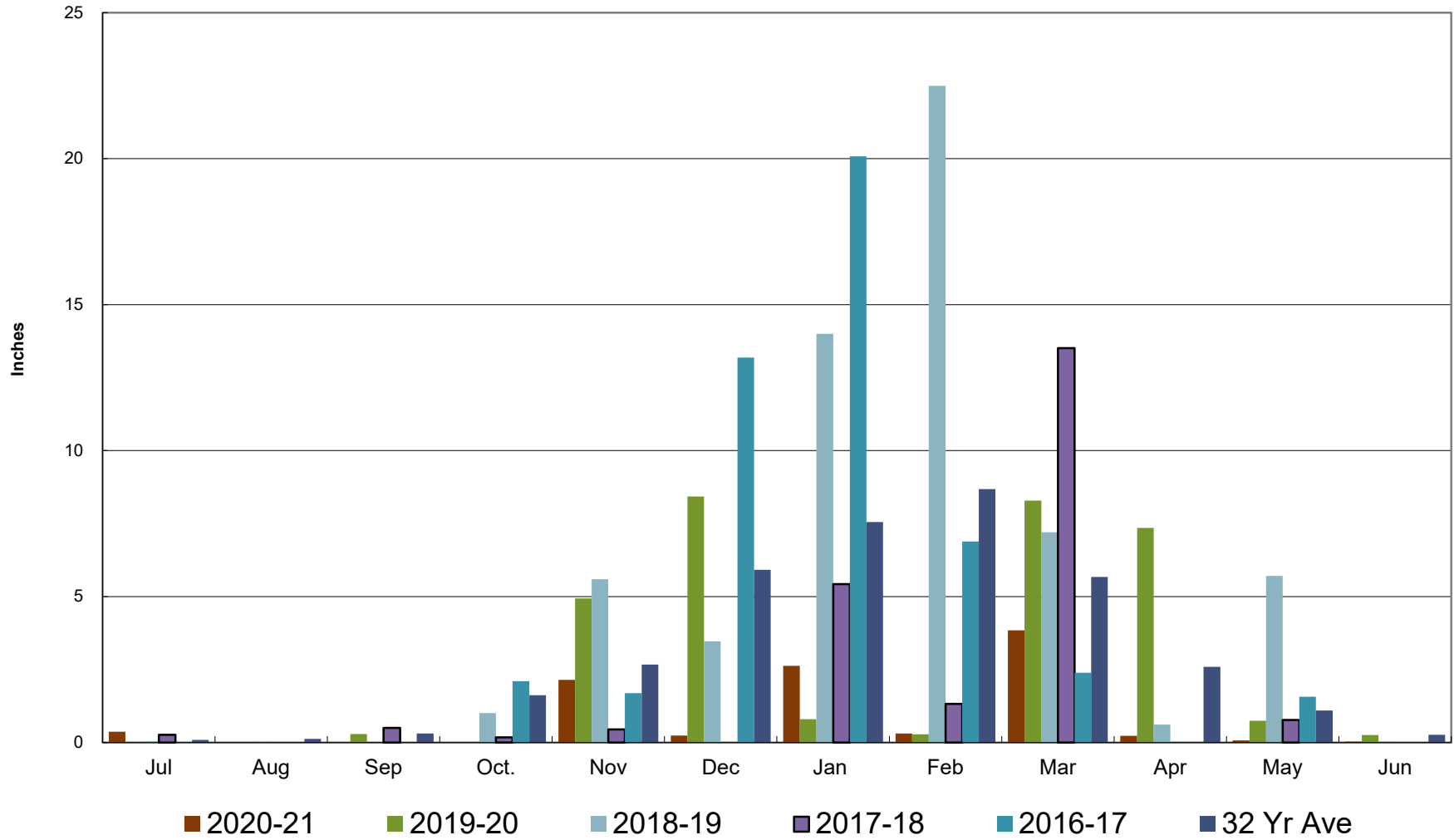
Total Rainfall Last 12 Months



■ This Year ■ Last Year ■ Normal

Crestline Village Water District

Rainfall by Month



Crestline Village Water District

Rainfall Cumulative

