

# Crestline Village Water District

System Report on: 04/30/21

For Month of: April 2021

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,752	16.86	282,439	73.29%
Saxon	337,674	14,681	17.07	250,605	74.22%
Pinecrest I & II	2,063,492	54,302	35.48	1,926,635	93.37%
Zurich	380,500	18,789	18.40	345,718	90.86%
Lakeview	1,230,212	27,955	38.77	1,083,815	88.10%
Old Mill	705,900	27,151	23.36	634,247	89.85%
Barn	444,443	19,752	18.21	359,684	80.93%
Wilson	983,681	33,915	21.62	733,242	74.54%
Chillon	337,674	14,679	18.44	270,681	80.16%
Brookside	748,067	28,772	19.46	559,903	74.85%
Chamois	1,026,532	39,482	22.68	895,452	87.23%
<b>Total</b>	<b>8,643,529</b>		<b>250.35</b>	<b>7,342,421</b>	<b>84.95%</b>

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	55,284	On
Pioneer-2	40,721	On
Pioneer-1	48,719	On
Old Mill Springs	39,197	On
Maple Springs	63,540	On
Willow Springs	33,520	On
Brookside Springs	16,760	On
Hillside Springs	0	Off
Pinecrest 1 & 2	61,148	On
Pinecrest Vertical	117,333	On
Cypress Vertical	109,810	On
Anderson Vertical	86,007	On
Wilson Springs 1 & 2	146,238	On
Wilson Vertical	116,893	On
Felsen Vertical	167,857	On
Horst	88,540	On
Jewel 64	75,112	On
Cathcart	26,231	On
Bergschrund	25,245	On
Chamois	0	Off
Chamois Vertical	0	Off
	0	0
	0	0
	0	0
Lewter	0	Off
<b>Total</b>	<b>1,318,155</b>	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	49	50	(1)	-2.00%	281,016
Mile High 2"	32	30	2	6.67%	178,850
Mile High 4"	0	0	0	0.00%	0
Pinecrest 2"	67	70	(3)	-4.29%	387,741
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%	42,380
<b>Total</b>	<b>148</b>	<b>150</b>	<b>(2)</b>	<b>-1.33%</b>	<b>889,987</b>

April Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	175.3	1,012,428		186.3	1,075,957
Actual M-T-D:	154.1	889,987		228.2	1,318,155
Over/(Under) Last Year:	(21.2)	(122,441.0)		41.9	242,198.0

Total	GPM	Cubic Feet
Last Year M-T-D:	361.6	2,088,385
Actual M-T-D:	382.3	2,208,142
Over/(Under) Last Year:	20.7	119,757.0

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

05/12/21

<u>Source Name</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>March</u>	<u>April</u>	<u>Last 12 Months</u>	<u>13 Months</u>
<b>Division 10</b>															
Altdorf	124,211	111,619	110,558	81,397	82,909	78,785	69,192	83,283	64,039	73,094	72,746	81,806	55,284	964,712	1,088,923
Pioneer #2	50,867	48,897	53,704	50,050	50,802	48,132	45,375	49,583	48,459	45,427	44,745	49,796	40,721	575,691	626,558
Pioneer #1	83,890	54,930	53,873	57,289	59,291	56,474	57,851	54,680	61,163	54,439	51,692	59,812	48,719	670,213	754,103
Old Mill Springs	115,618	103,473	99,951	79,662	66,529	57,564	52,963	49,940	45,091	40,876	44,235	46,746	39,197	726,227	841,845
Maple Springs	80,785	90,384	97,343	78,650	81,996	81,201	78,544	78,228	69,675	69,469	68,309	74,377	63,540	931,716	1,012,501
Willow Springs	77,910	83,350	82,350	73,280	67,390	59,530	54,200	51,060	45,510	40,650	39,000	39,130	33,520	668,970	746,880
Brookside Springs	58,430	60,210	56,750	40,720	40,170	32,400	27,240	24,390	20,740	18,100	19,120	19,610	16,760	376,210	434,640
Hillside Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pinecrest	140,437	144,079	151,559	131,906	118,147	100,170	89,094	83,295	45,206	87,088	62,746	69,569	61,148	1,144,007	1,284,444
Pinecrest Vertical	171,105	164,618	178,338	176,025	174,453	162,907	130,015	171,941	96,648	187,259	133,606	139,279	117,333	1,832,422	2,003,527
Cypress Vertical	111,050	104,650	113,640	107,340	106,410	101,550	100,800	67,420	46,100	100,060	83,330	94,050	109,810	1,135,160	1,246,210
Anderson Vertical	144,480	143,958	160,332	152,604	150,060	143,229	138,465	138,670	127,033	81,594	108,042	45,304	86,007	1,475,298	1,619,778
<b>Division 10 Totals</b>	<b>1,158,783</b>	<b>1,110,168</b>	<b>1,158,398</b>	<b>1,028,923</b>	<b>998,157</b>	<b>921,942</b>	<b>843,739</b>	<b>852,490</b>	<b>669,664</b>	<b>798,056</b>	<b>727,571</b>	<b>719,479</b>	<b>672,039</b>	<b>10,500,626</b>	<b>11,659,409</b>
<b>Division 20</b>															
Wilson Springs #1 & 2	167,257	178,689	195,762	198,185	193,948	180,838	170,790	176,925	164,764	153,114	150,524	163,192	146,238	2,072,969	2,240,226
Wilson Vertical	159,575	161,150	179,677	9,303	172,853	153,015	143,310	110,947	131,274	125,638	119,002	130,969	116,893	1,554,031	1,713,606
Felsen Vertical	138,813	169,856	188,758	179,333	180,310	172,086	168,653	175,778	169,774	165,484	159,546	182,225	167,857	2,079,660	2,218,473
Horst	114,238	118,853	135,799	127,132	124,713	113,550	48,248	110,614	119,948	104,420	99,500	103,454	88,540	1,294,771	1,409,009
Jewell No. 64	86,619	84,357	89,430	83,747	81,872	78,585	77,143	79,238	76,275	73,922	72,446	82,765	75,112	954,892	1,041,511
Cathcart	32,604	31,506	33,408	31,052	30,164	28,536	12,043	29,006	34,546	30,685	30,109	30,905	26,231	348,191	380,795
Bergschrund	39,379	38,195	41,179	37,934	36,622	33,563	14,509	35,756	31,742	28,005	26,745	28,978	25,245	378,473	417,852
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	25,626	43,683	47,575	44,858	44,400	42,333	41,707	2,957	0	0	0	0	0	267,513	293,139
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
<b>Division 20 Totals</b>	<b>764,111</b>	<b>826,289</b>	<b>911,588</b>	<b>711,544</b>	<b>864,882</b>	<b>802,506</b>	<b>676,403</b>	<b>721,221</b>	<b>728,323</b>	<b>681,268</b>	<b>657,872</b>	<b>722,488</b>	<b>646,116</b>	<b>8,950,500</b>	<b>9,714,611</b>
<b>Total District Sources</b>	<b>1,922,894</b>	<b>1,936,457</b>	<b>2,069,986</b>	<b>1,740,467</b>	<b>1,863,039</b>	<b>1,724,448</b>	<b>1,520,142</b>	<b>1,573,711</b>	<b>1,397,987</b>	<b>1,479,324</b>	<b>1,385,443</b>	<b>1,441,967</b>	<b>1,318,155</b>	<b>19,451,126</b>	<b>21,374,020</b>
<b>C.L.A.W.A.</b>															
Crest Forest 6"	0	67,246	102,139	307,888	307,888	307,888	280,882	233,155	281,952	118,316	0	217,246	281,016	2,505,616	2,505,616
Mile High Park 2"	0	260,428	127,968	298,730	298,730	298,730	235,989	112,433	173,075	165,829	166,230	192,273	178,850	2,509,265	2,509,265
Mile High Park 4"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pinecrest 2"	152,380	444,559	413,329	444,559	444,559	444,559	0	103,422	339,973	402,513	413,155	315,281	387,741	4,153,650	4,306,030
Pinecrest 4"	0	206,016	0	719,920	719,920	719,920	752,406	260,561	0	0	0	0	0	3,378,743	3,378,743
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	0	0	69,118	56,551	56,551	56,551	0	0	0	36,497	0	22,460	42,380	340,108	340,108
<b>C.L.A.W.A. Totals</b>	<b>152,380</b>	<b>978,249</b>	<b>712,554</b>	<b>1,827,648</b>	<b>1,827,648</b>	<b>1,827,648</b>	<b>1,269,277</b>	<b>709,571</b>	<b>795,000</b>	<b>723,155</b>	<b>579,385</b>	<b>747,260</b>	<b>889,987</b>	<b>12,887,382</b>	<b>13,039,762</b>
<b>Grand Totals</b>	<b>2,075,274</b>	<b>2,914,706</b>	<b>2,782,540</b>	<b>3,568,115</b>	<b>3,690,687</b>	<b>3,552,096</b>	<b>2,789,419</b>	<b>2,283,282</b>	<b>2,192,987</b>	<b>2,202,479</b>	<b>1,964,828</b>	<b>2,189,227</b>	<b>2,208,142</b>	<b>32,338,508</b>	<b>34,413,782</b>

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

05/12/21

<u>Source Name</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>March</u>	<u>April</u>	<u>Last 12 Months</u>	<u>13 Months</u>
<b>District Sources</b>															
Division 10	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	719,479	672,039	10,500,626	11,659,409
Division 20	764,111	826,289	911,588	711,544	864,882	802,506	676,403	721,221	728,323	681,268	657,872	722,488	646,116	8,950,500	9,714,611
<b>Total</b>	<b>1,922,894</b>	<b>1,936,457</b>	<b>2,069,986</b>	<b>1,740,467</b>	<b>1,863,039</b>	<b>1,724,448</b>	<b>1,520,142</b>	<b>1,573,711</b>	<b>1,397,987</b>	<b>1,479,324</b>	<b>1,385,443</b>	<b>1,441,967</b>	<b>1,318,155</b>	<b>19,451,126</b>	<b>21,374,020</b>
Division 10	60.26%	57.33%	55.96%	59.12%	53.58%	53.46%	55.50%	54.17%	47.90%	53.95%	52.52%	49.90%	50.98%	53.98%	54.55%
Division 20	39.74%	42.67%	44.04%	40.88%	46.42%	46.54%	44.50%	45.83%	52.10%	46.05%	47.48%	50.10%	49.02%	46.02%	45.45%
<b>Total</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>
<b>All Sources</b>															
District Sources	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	1,441,967	1,318,155	19,451,126	21,374,020
C.L.A.W.A.	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	747,260	889,987	12,887,382	13,039,762
<b>Total Sources</b>	<b>2,075,274</b>	<b>2,914,706</b>	<b>2,782,540</b>	<b>3,568,115</b>	<b>3,690,687</b>	<b>3,552,096</b>	<b>2,789,419</b>	<b>2,283,282</b>	<b>2,192,987</b>	<b>2,202,479</b>	<b>1,964,828</b>	<b>2,189,227</b>	<b>2,208,142</b>	<b>32,338,508</b>	<b>34,413,782</b>
District Sources	92.66%	66.44%	74.39%	48.78%	50.48%	48.55%	54.50%	68.92%	63.75%	67.17%	70.51%	65.87%	59.70%	60.15%	62.11%
C.L.A.W.A.	7.34%	33.56%	25.61%	51.22%	49.52%	51.45%	45.50%	31.08%	36.25%	32.83%	29.49%	34.13%	40.30%	39.85%	37.89%
<b>Total Sources</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

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

05/14/21

	Apr	May	June	July	August	Sept	Oct	Nov	Dec	Jan '21	Feb	Mar	Apr	Total
<b>Sources of Supply</b>														
Wells	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	1,441,967	1,318,155	20,282,283
Purchased Water	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	747,260	889,987	13,377,875
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Water Supplied</b>	<b>2,075,274</b>	<b>2,649,011</b>	<b>3,048,235</b>	<b>3,568,115</b>	<b>3,353,748</b>	<b>3,135,411</b>	<b>2,789,419</b>	<b>2,283,282</b>	<b>2,192,987</b>	<b>2,202,479</b>	<b>1,964,828</b>	<b>2,189,227</b>	<b>2,208,142</b>	<b>33,660,158</b>
<b>Water Used **</b>														
Metered Accounts														
Crestline Area	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	940,713	979,300	14,735,858
Lake Gregory Area	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	1,103,261	1,045,935	16,497,913
Change in Storage	31,091	(25,534)	(1,437)	33,262	6,059	(25,215)	49,383	(76,542)	56,671	55,324	(30,071)	(17,323)	30,718	86,386
Flushing, System & Other	14,439	30,128	15,107	14,439	14,773	16,344	21,469	19,212	18,439	14,439	14,439	14,439	32,604	240,272
<b>Accounted for Water</b>	<b>2,040,407</b>	<b>2,367,169</b>	<b>2,907,620</b>	<b>2,770,594</b>	<b>3,082,238</b>	<b>3,128,413</b>	<b>2,828,278</b>	<b>2,240,887</b>	<b>2,180,428</b>	<b>1,998,840</b>	<b>1,885,907</b>	<b>2,041,090</b>	<b>2,088,557</b>	<b>31,560,429</b>
<b>System Loss (CF)</b>	34,867	281,842	140,615	797,521	271,510	6,998	(38,859)	42,395	12,559	203,639	78,921	148,137	119,585	2,099,729
<b>System Loss (%)</b>	1.7%	10.6%	4.6%	22.4%	8.1%	0.2%	-1.4%	1.9%	0.6%	9.2%	4.0%	6.8%	5.4%	6.2%
<b>System Loss (GPM)</b>	6.0	50.5	22.8	133.6	45.5	1.2	(6.7)	7.1	2.2	36.5	14.1	23.3	20.7	30.0
<b>Month to Month Averaging ***</b>														
<b>System Loss (CF)</b>	17,434	158,355	211,228	469,068	534,516	139,254	(15,931)	1,768	27,477	108,099	141,280	113,529	133,861	2,039,938
<b>System Loss (%)</b>	0.8%	6.2%	7.6%	13.5%	15.2%	4.2%	-0.6%	0.2%	1.2%	4.9%	6.6%	5.4%	6.1%	6.1%
<b>System Loss (GPM)</b>	3.0	28.3	36.7	78.2	89.6	23.4	(2.8)	0.2	4.6	19.3	25.3	18.7	22.0	29.1
<b>Estimated Uses</b>														
Known leaks - Est. loss	7,246	3,851	3,850	174,600	10,695	22,951	671	0	652	7,340	1,080	193	385	233,514
<b>Total Estimated Uses</b>	<b>7,246</b>	<b>3,851</b>	<b>3,850</b>	<b>174,600</b>	<b>10,695</b>	<b>22,951</b>	<b>671</b>	<b>0</b>	<b>652</b>	<b>7,340</b>	<b>1,080</b>	<b>193</b>	<b>385</b>	<b>233,514</b>
<b>Unaccounted for Water (CF)</b>	27,621	277,992	136,764	622,921	260,815	(15,953)	(39,530)	42,395	11,907	196,299	77,841	147,944	119,200	1,866,216
<b>Unaccounted For (%)</b>	1.3%	10.5%	4.5%	17.5%	7.8%	-0.5%	-1.4%	1.9%	0.5%	8.9%	4.0%	6.8%	5.4%	5.5%
<b>Unaccounted For (GPM)</b>	4.8	49.8	22.2	104.4	43.7	(2.8)	(6.8)	7.1	2.1	35.2	13.9	23.3	20.6	26.6
<b>Number of Days in Period</b>	30	29	32	31	31	30	30	31	30	29	29	33	30	364

**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.

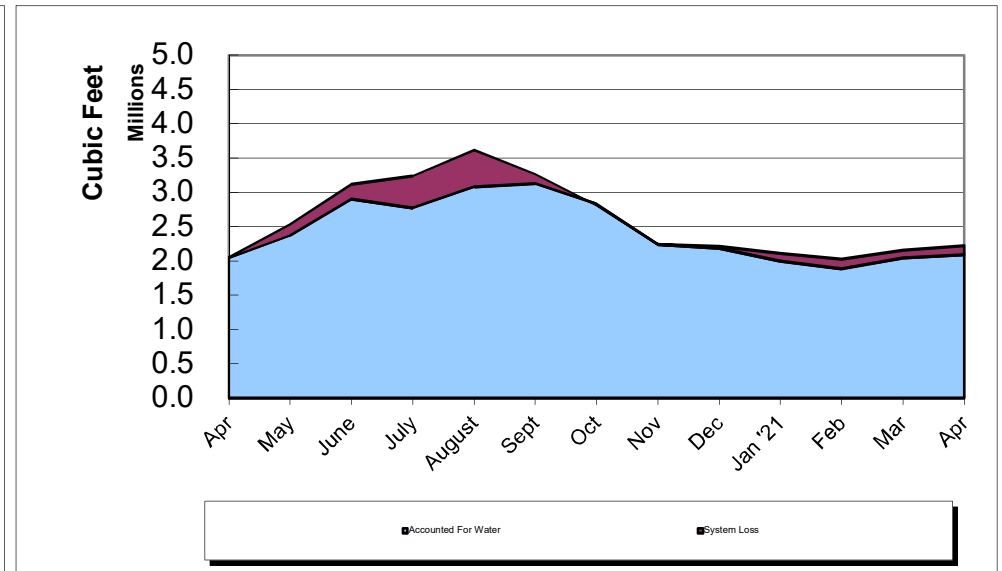
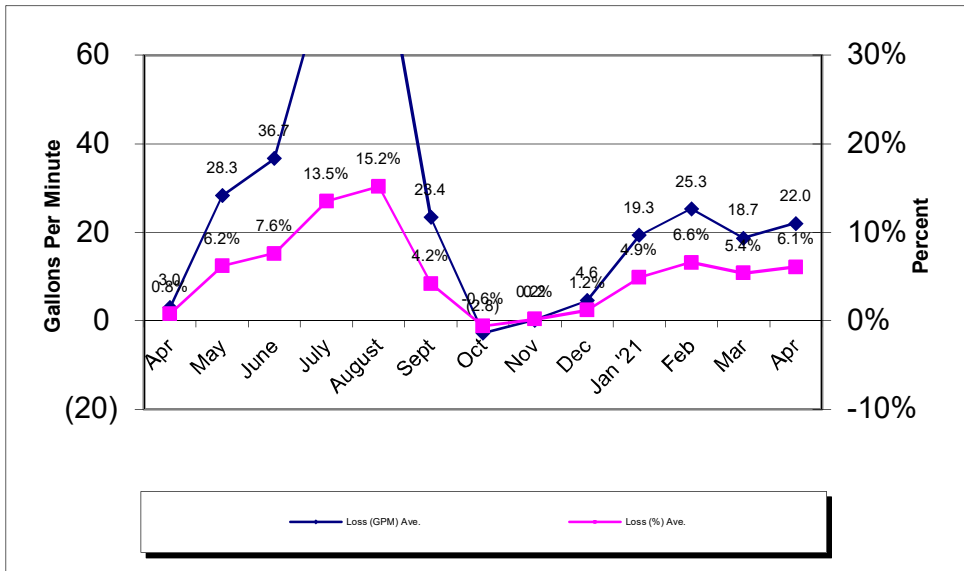
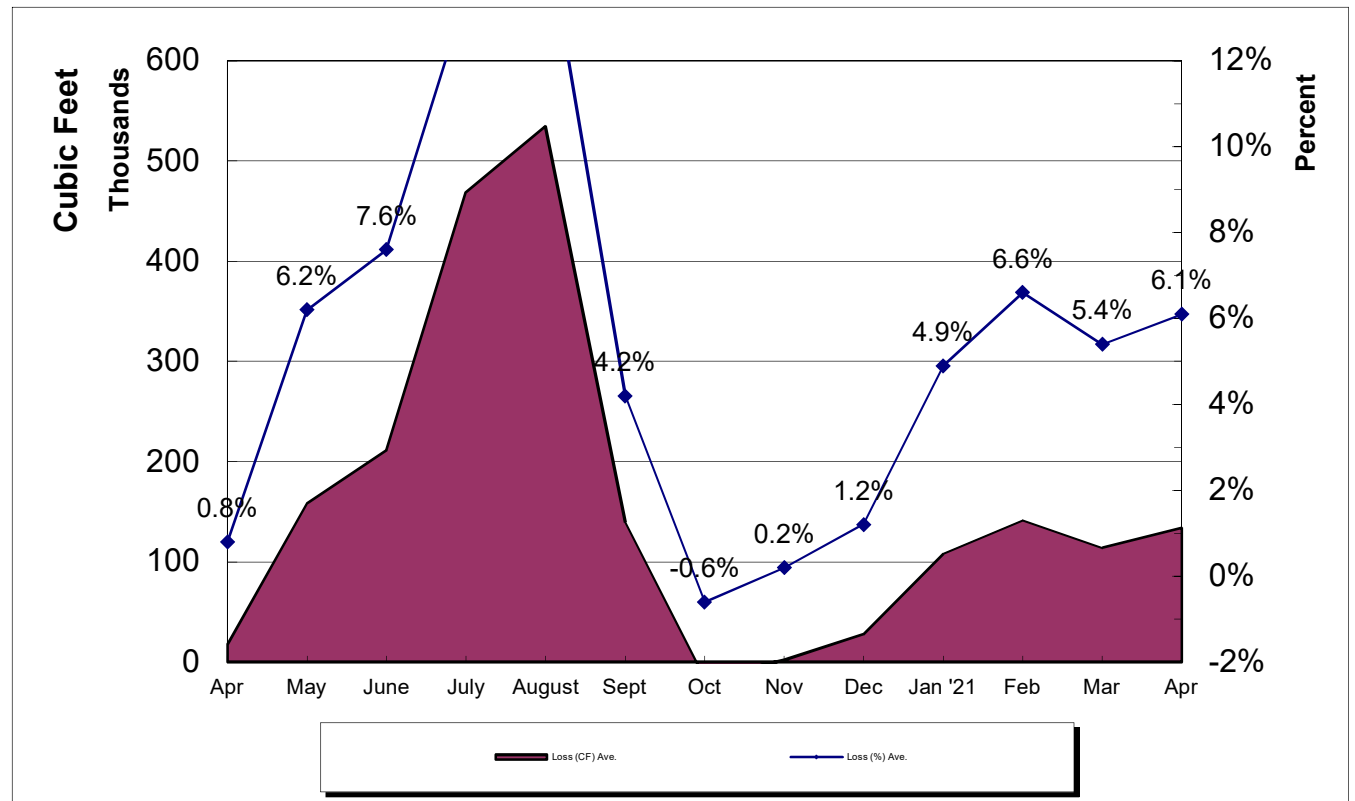
\*\* - Water Used - Metered Accounts is adjusted to the time period in Total Water Supplie

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

<b>System Loss Costs</b>	<b>This Month</b>	<b>Average</b>
Cost of System Loss:	\$3,534	\$4,143
Cost of 5% System Loss:	2,915	3,418
<b>Amount above (below) 5% System Loss</b>	<b>\$619</b>	<b>\$725</b>
Note: Cost is calculated at highest cost (CLAWA Rate: \$2.64/100 c.f.)		

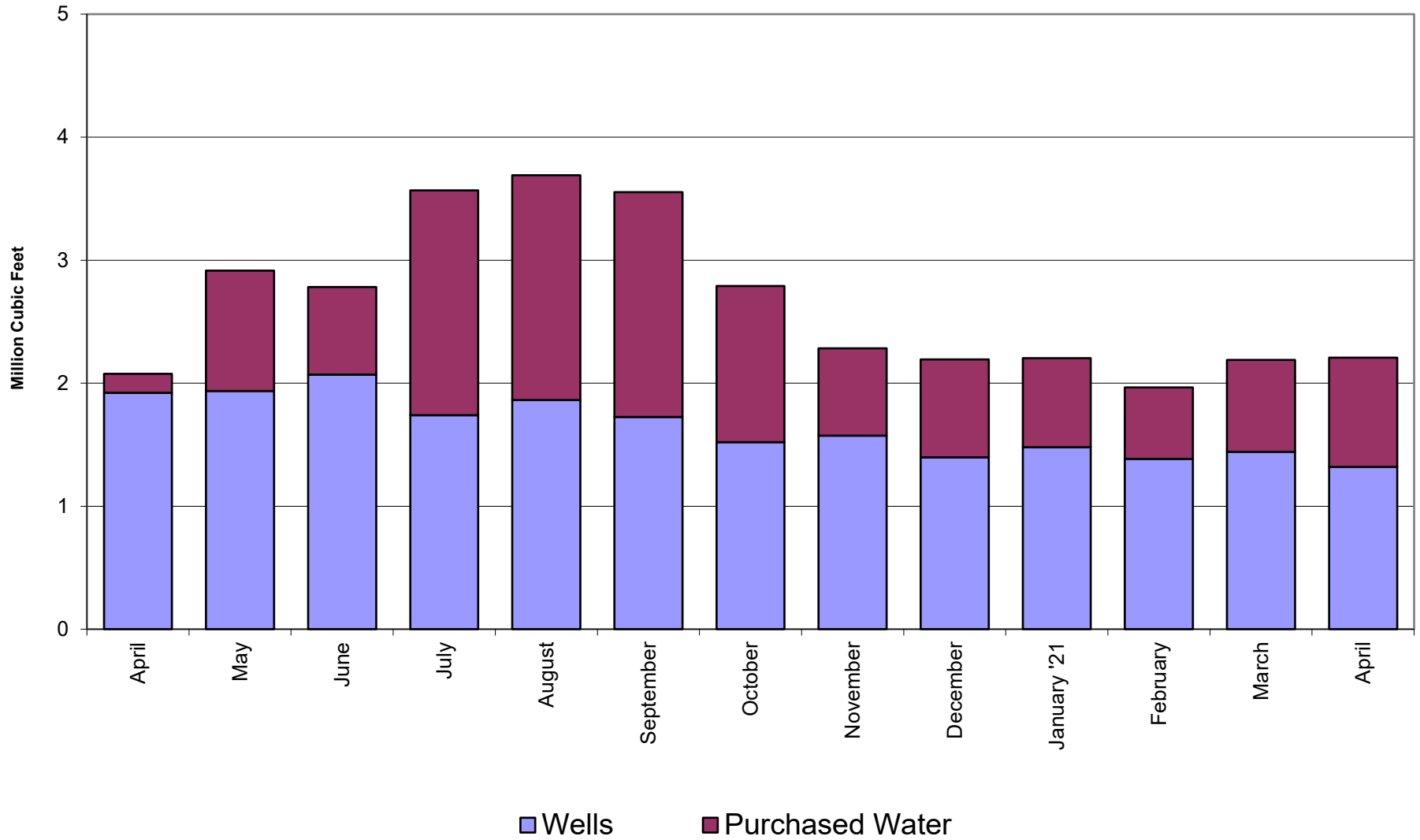
# Crestline Village Water District

System Loss  
Last 13 Months  
With Month to Month  
Averaging



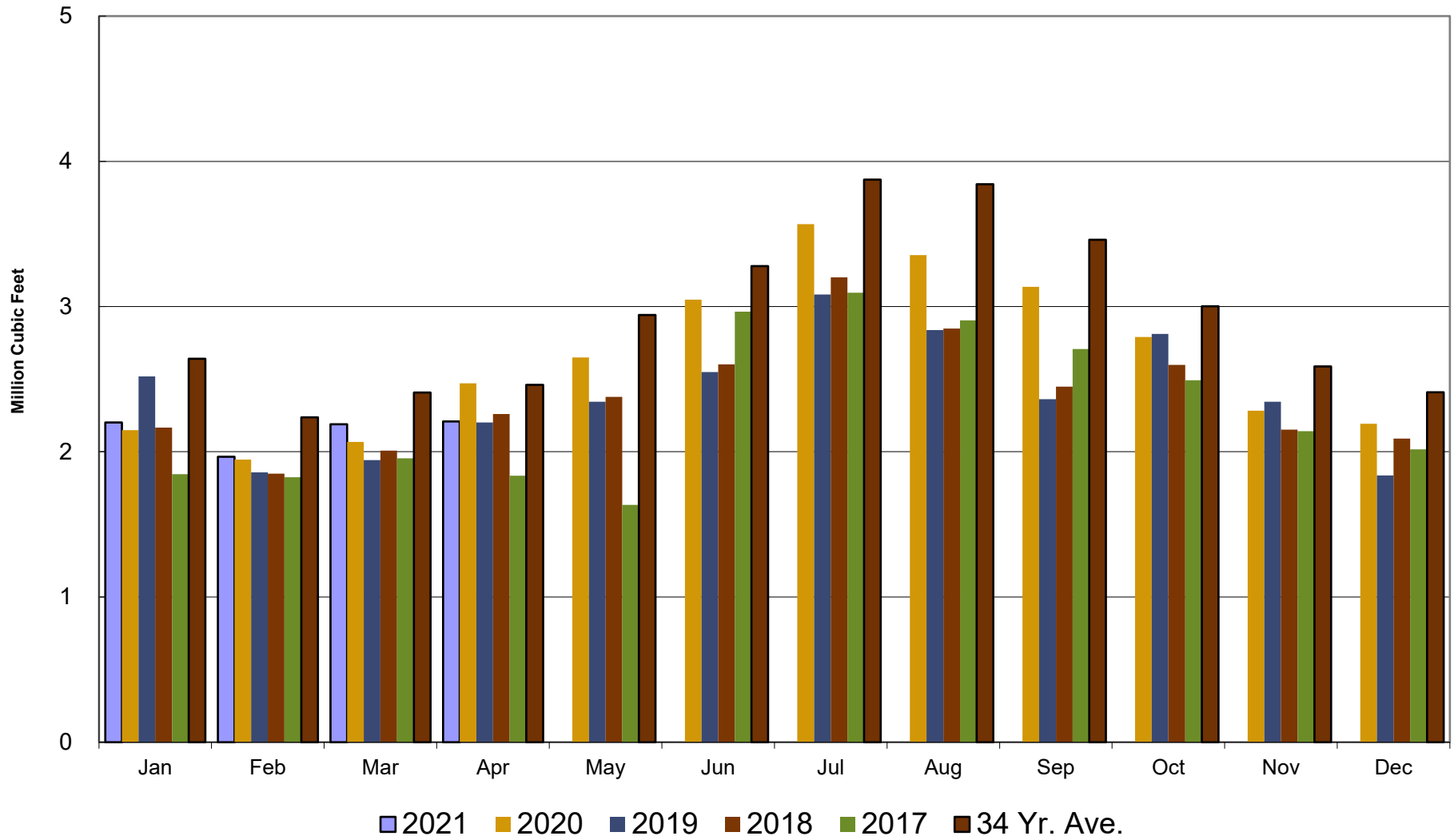
# Crestline Village Water District

## Water Sources - Last 13 Months



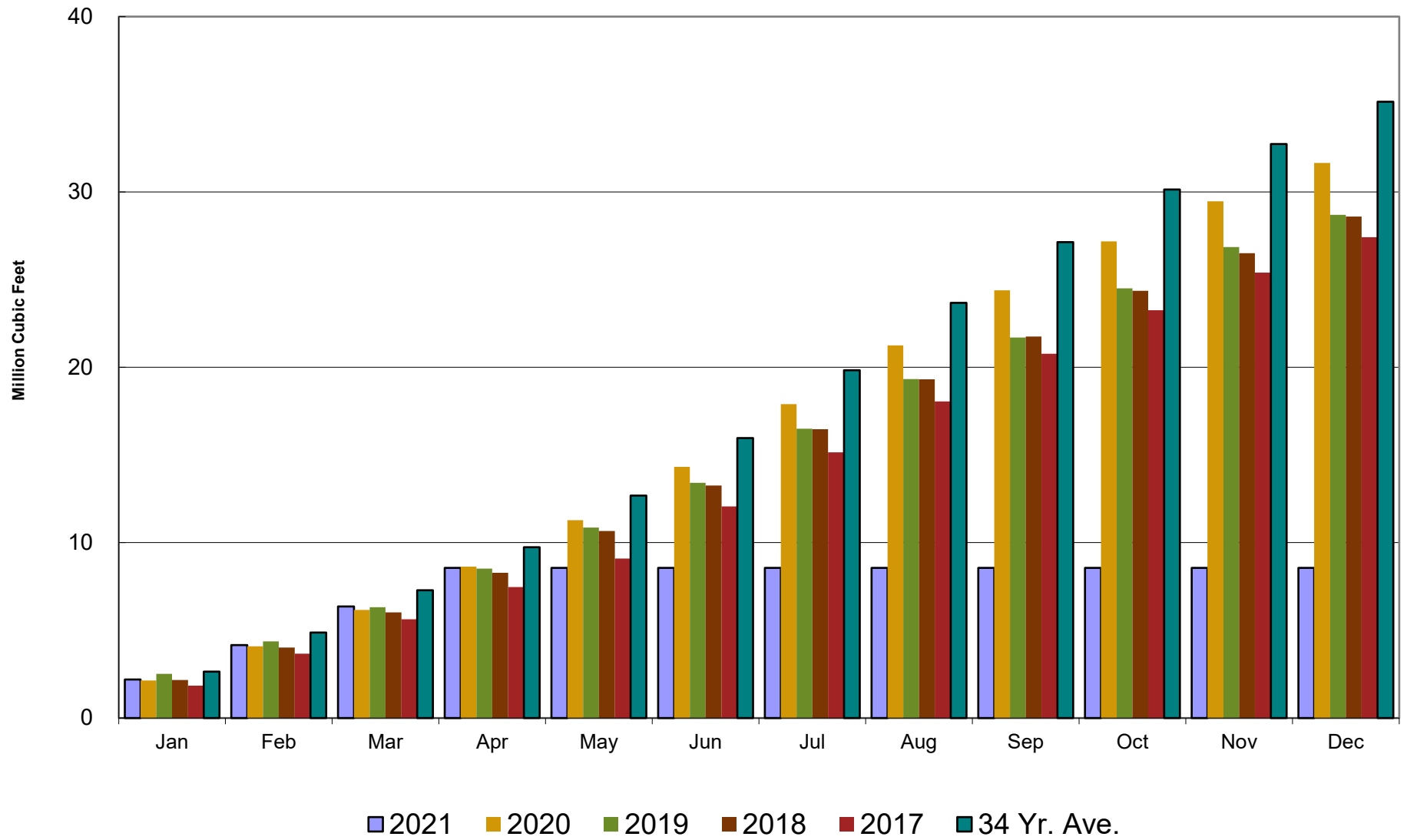
# Crestline Village Water District

## Total Production by Month



# Crestline Village Water District

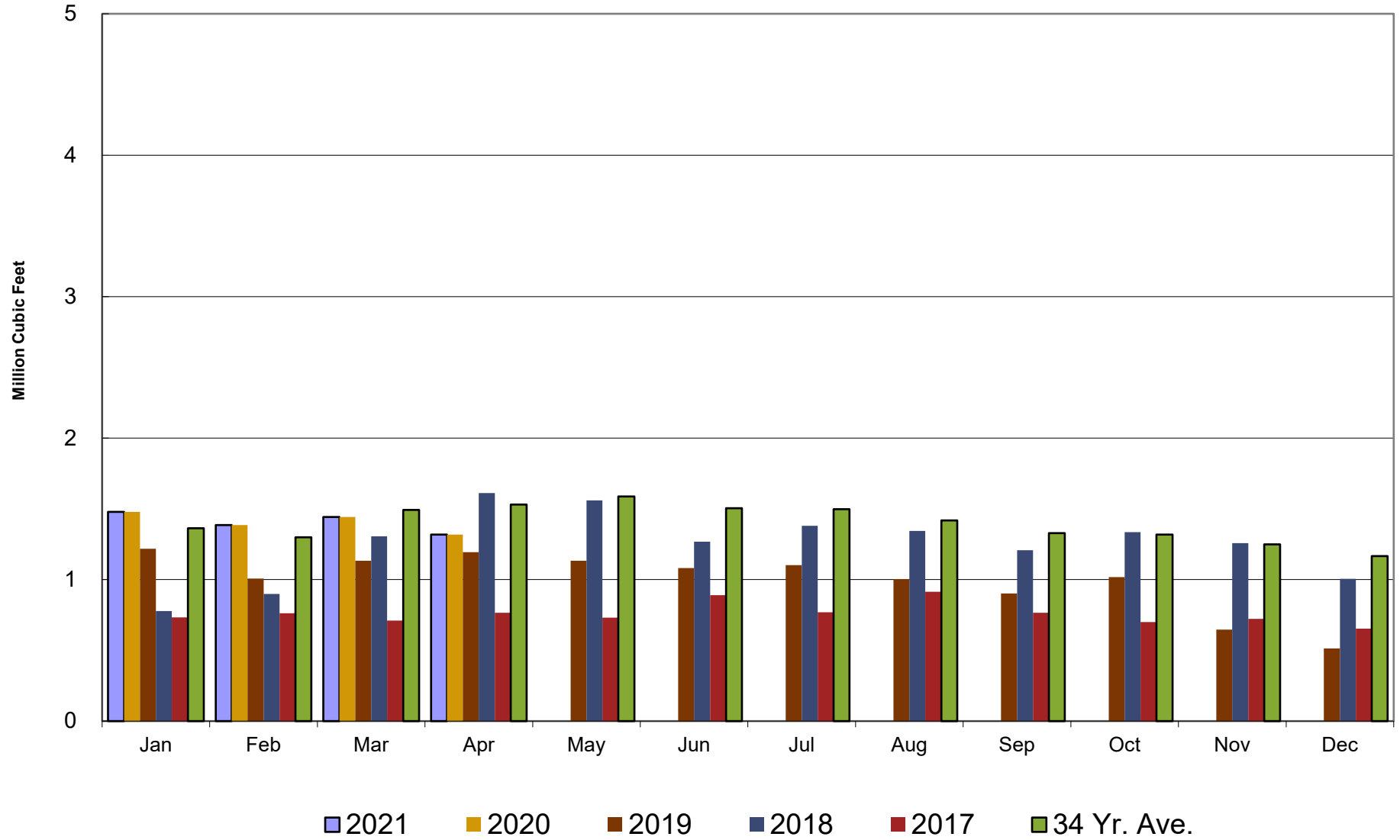
## Total Production Cumulative





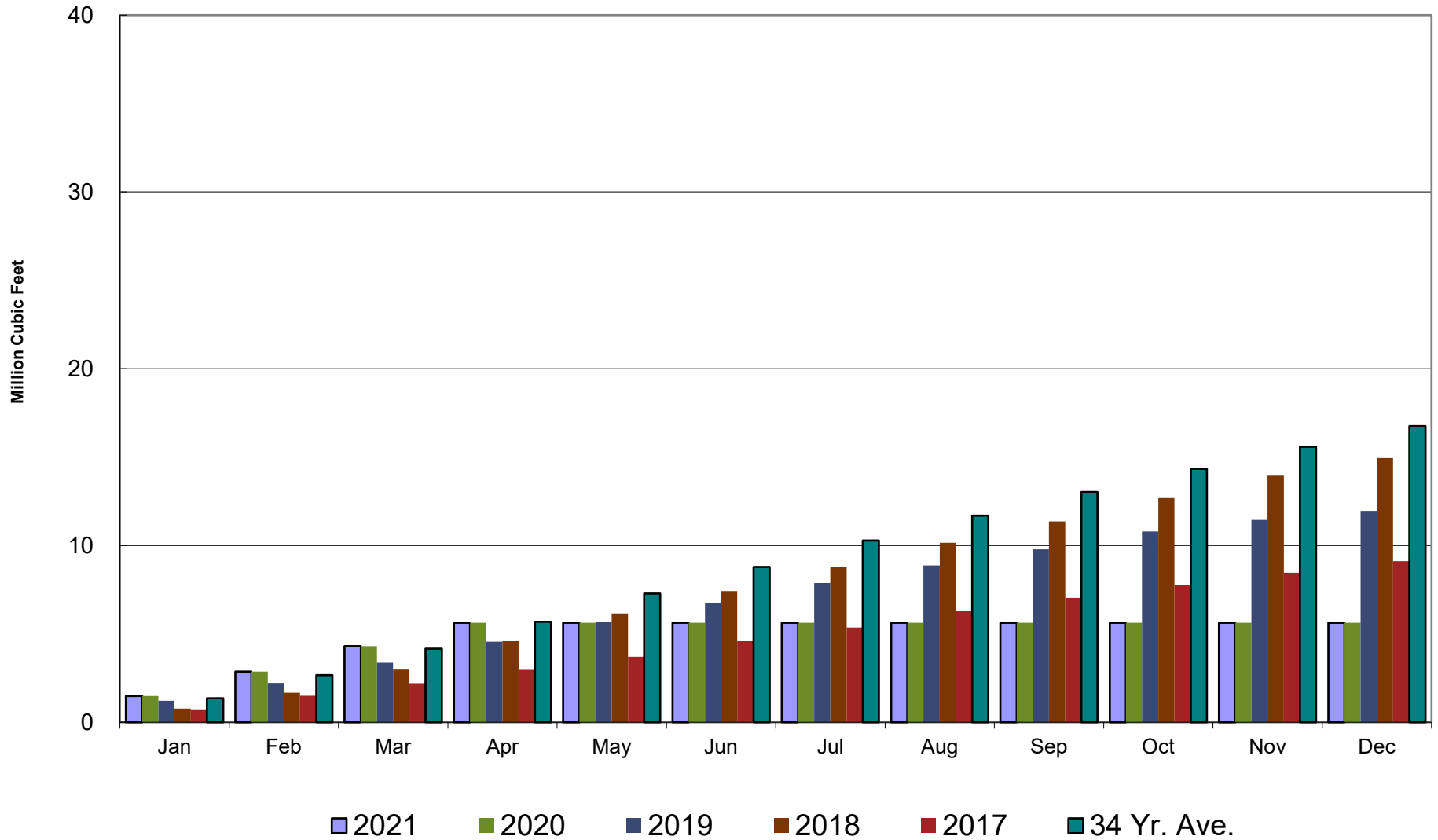
# Crestline Village Water District

## Well Production by Month



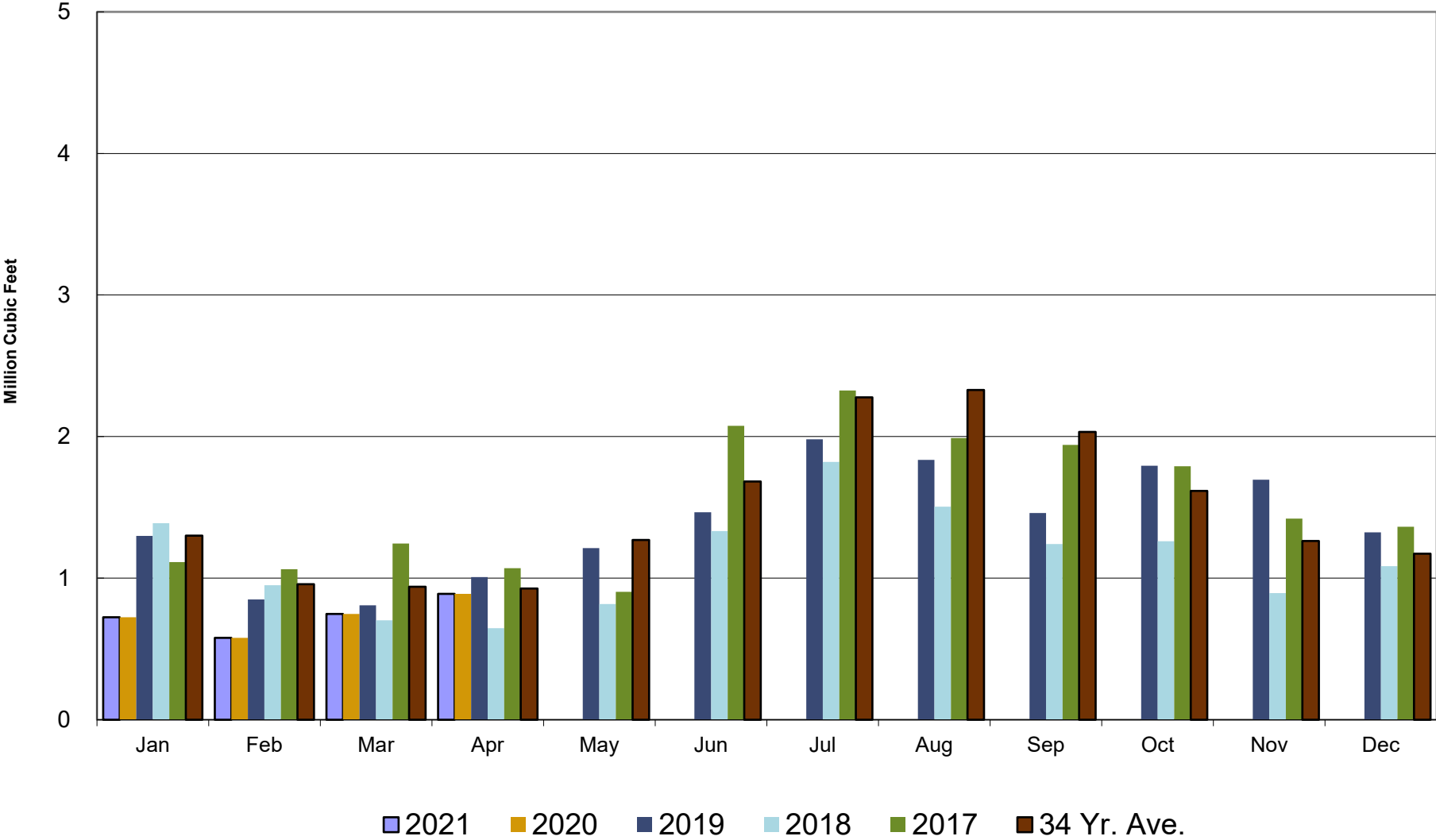
# Crestline Village Water District

## Well Production Cumulative



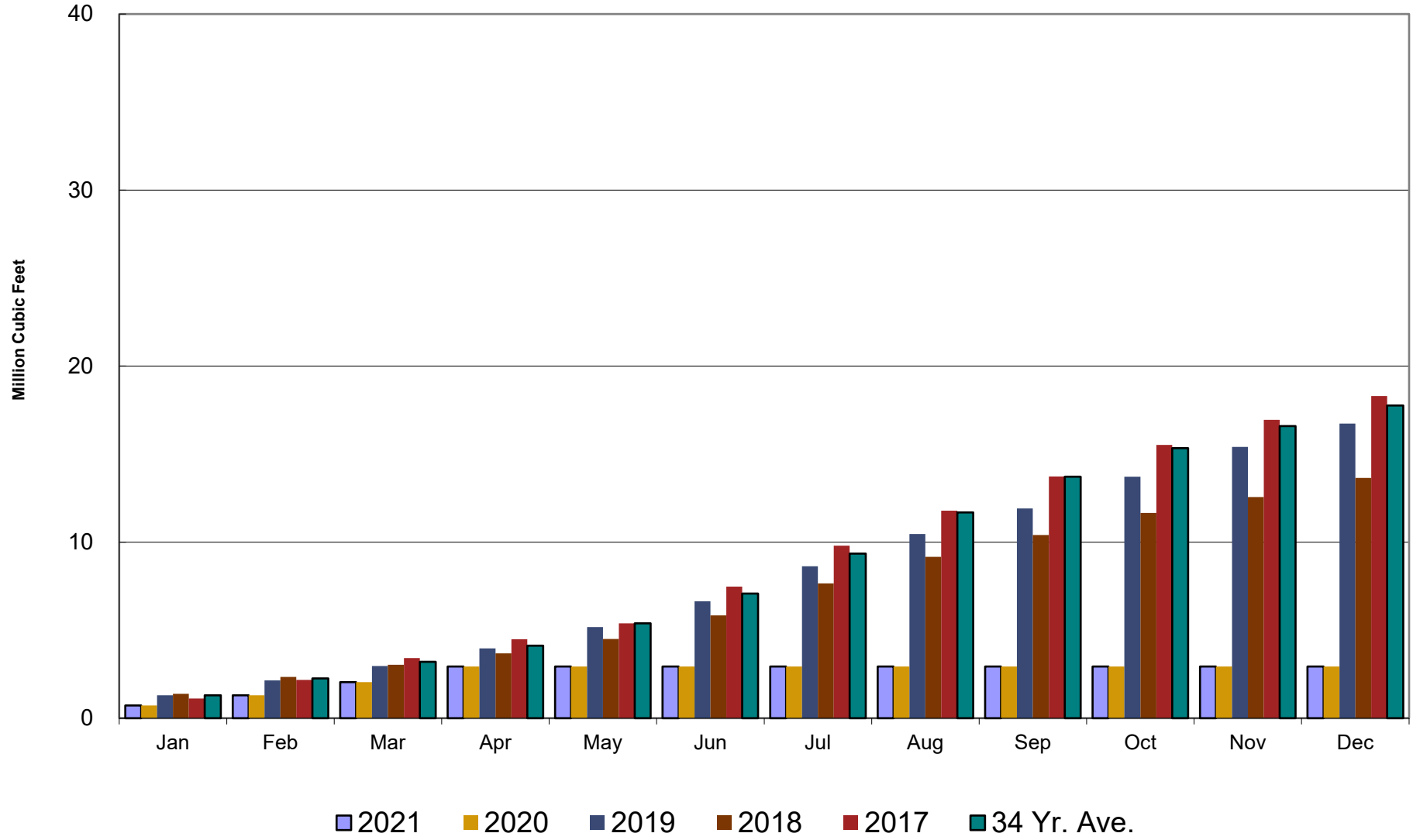
# Crestline Village Water District

## Purchased Water by Month



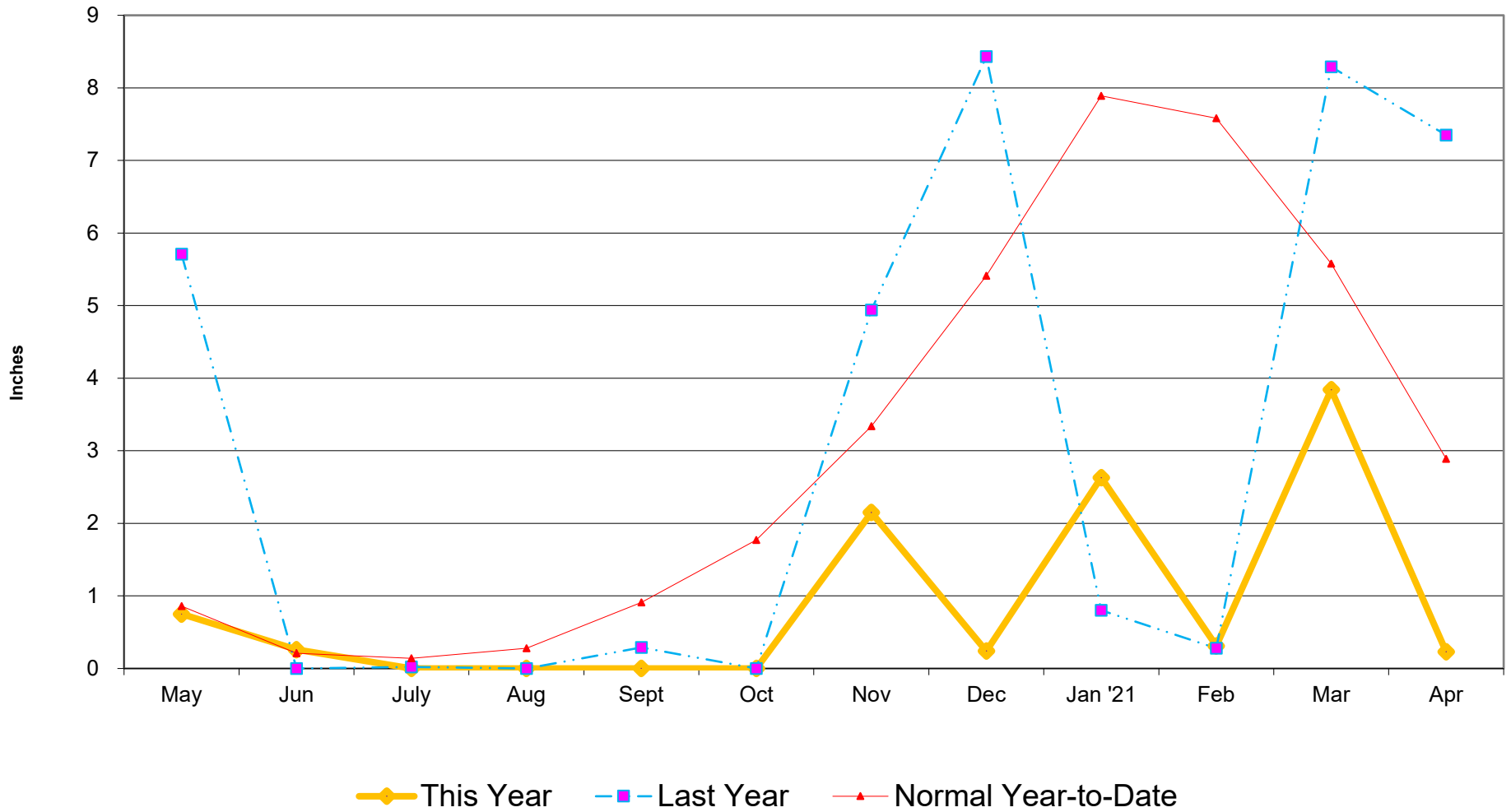
# Crestline Village Water District

## Purchased Water Cumulative



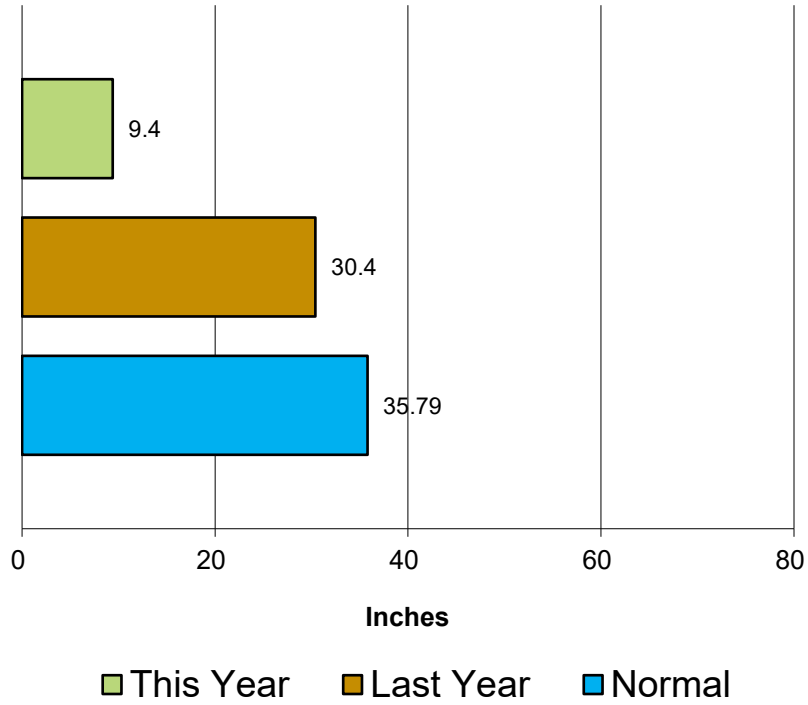
# Crestline Village Water District

## Rainfall - Last 12 Months

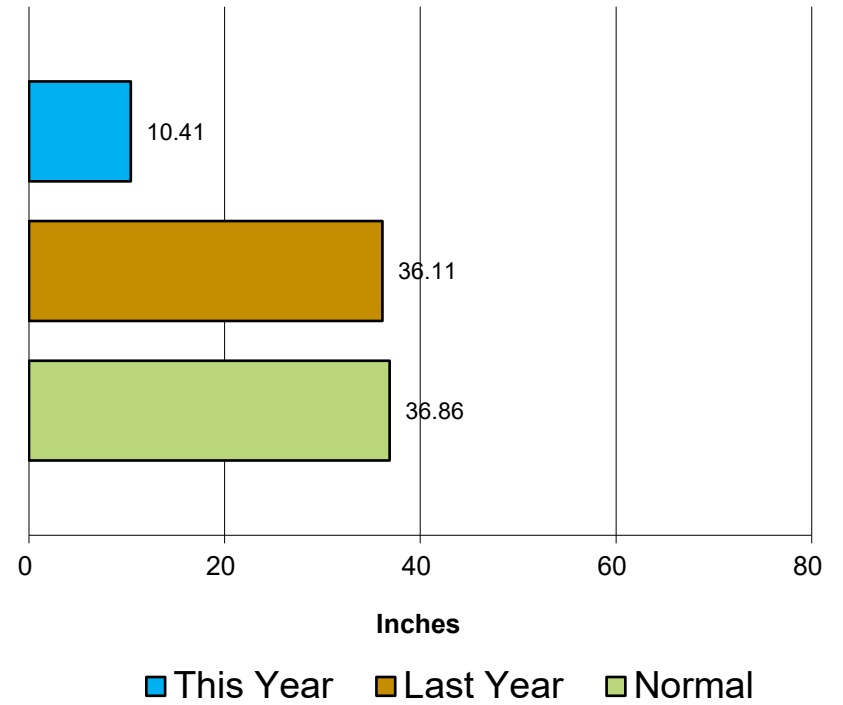


# Crestline Village Water District

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

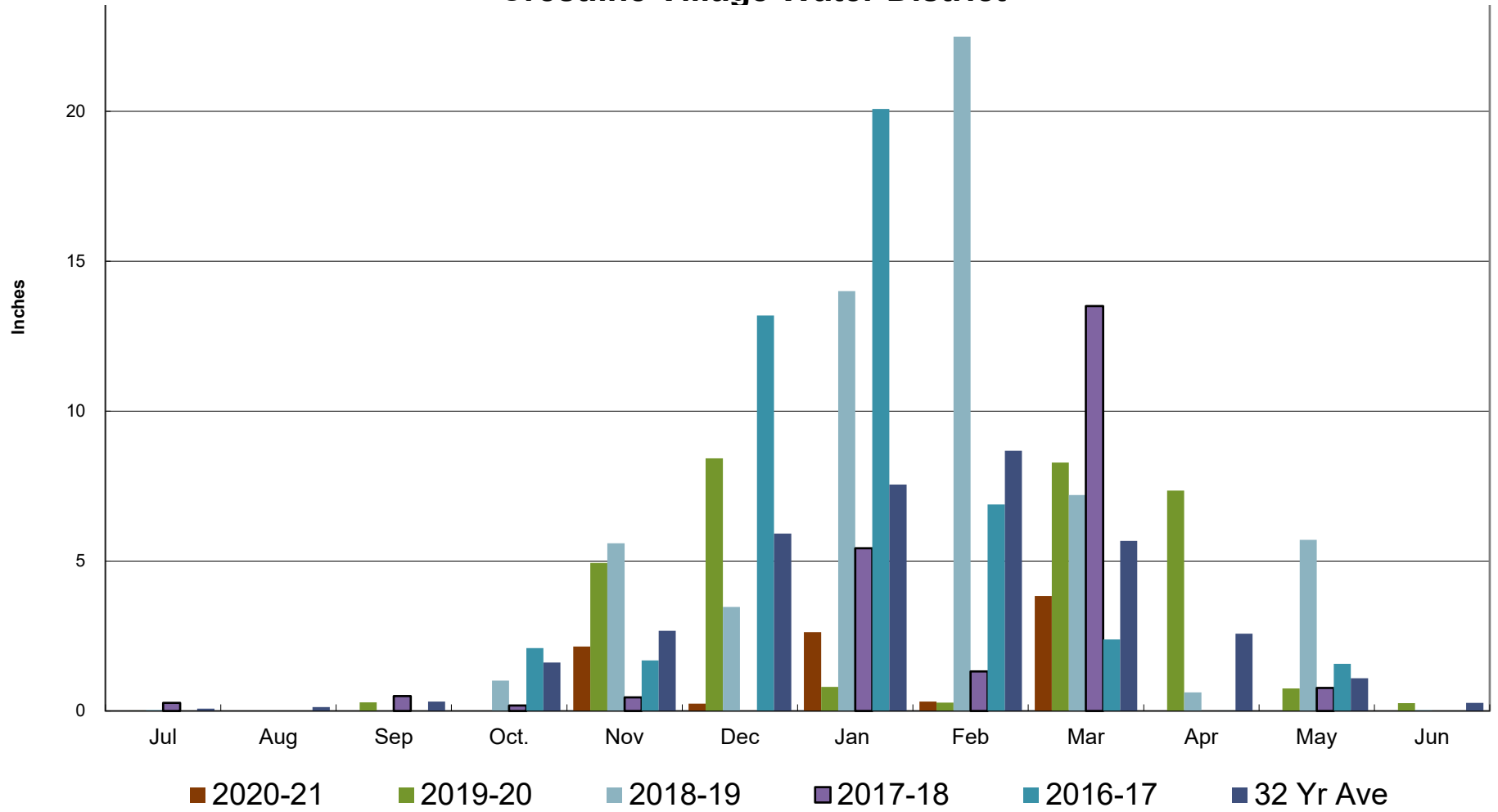


**Total Rainfall  
Last 12 Months**



## Rainfall by Month

# Crestline Village Water District



## Rainfall Cumulative

70

# Crestline Village Water District

