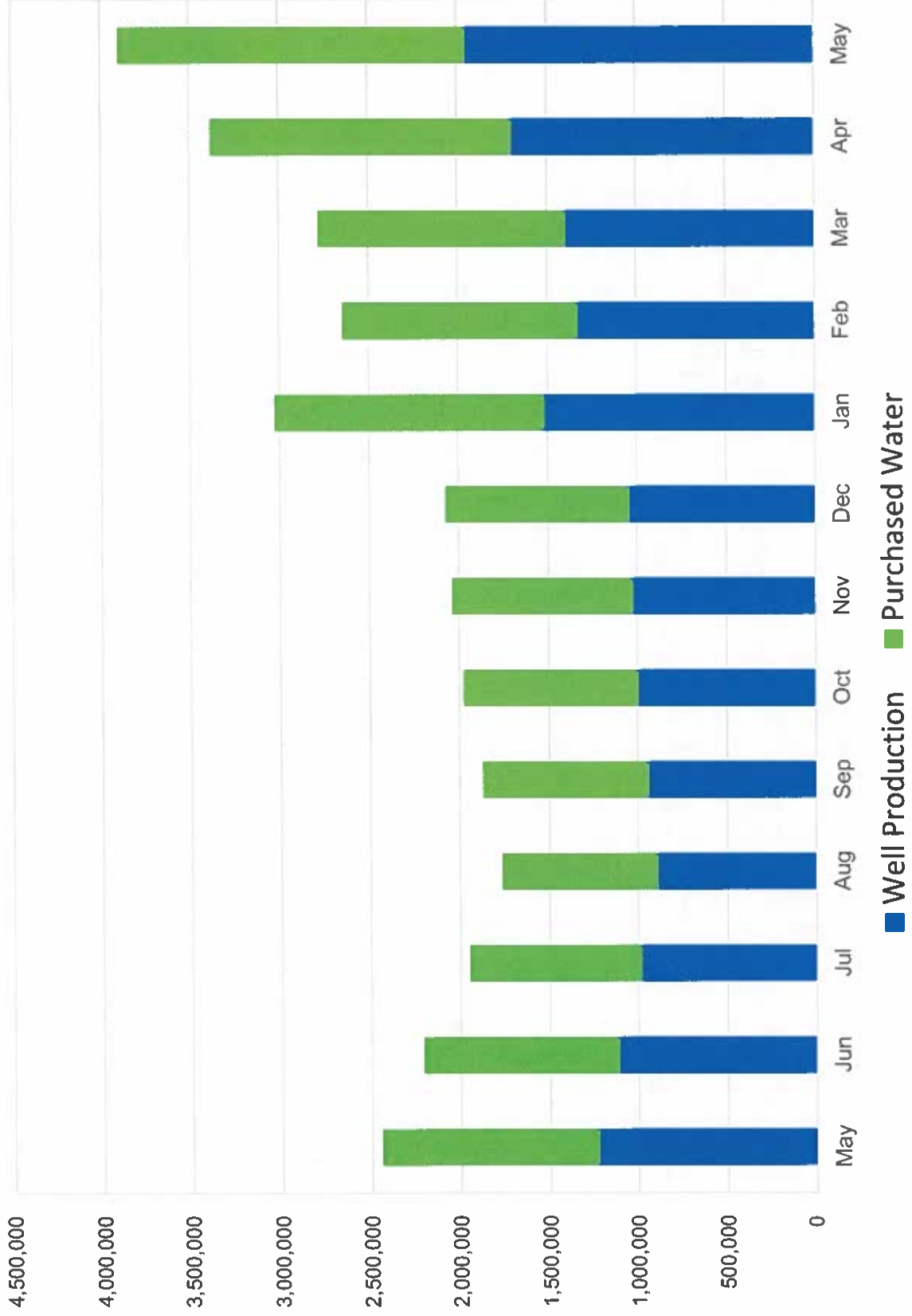


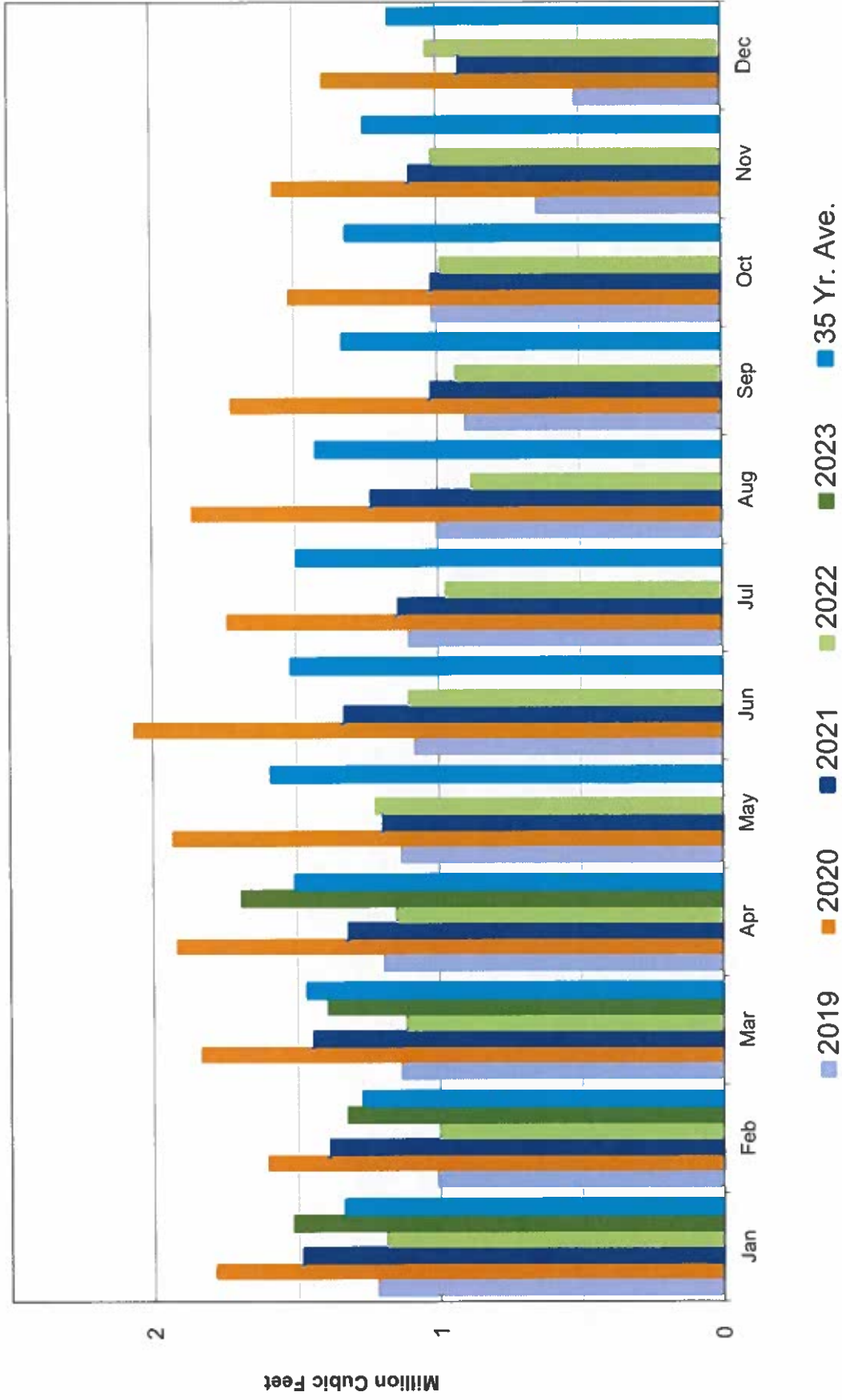
Crestline Village Water District

Water Sources - Last 13 Months in Cubic Feet May 2022 - May 2023



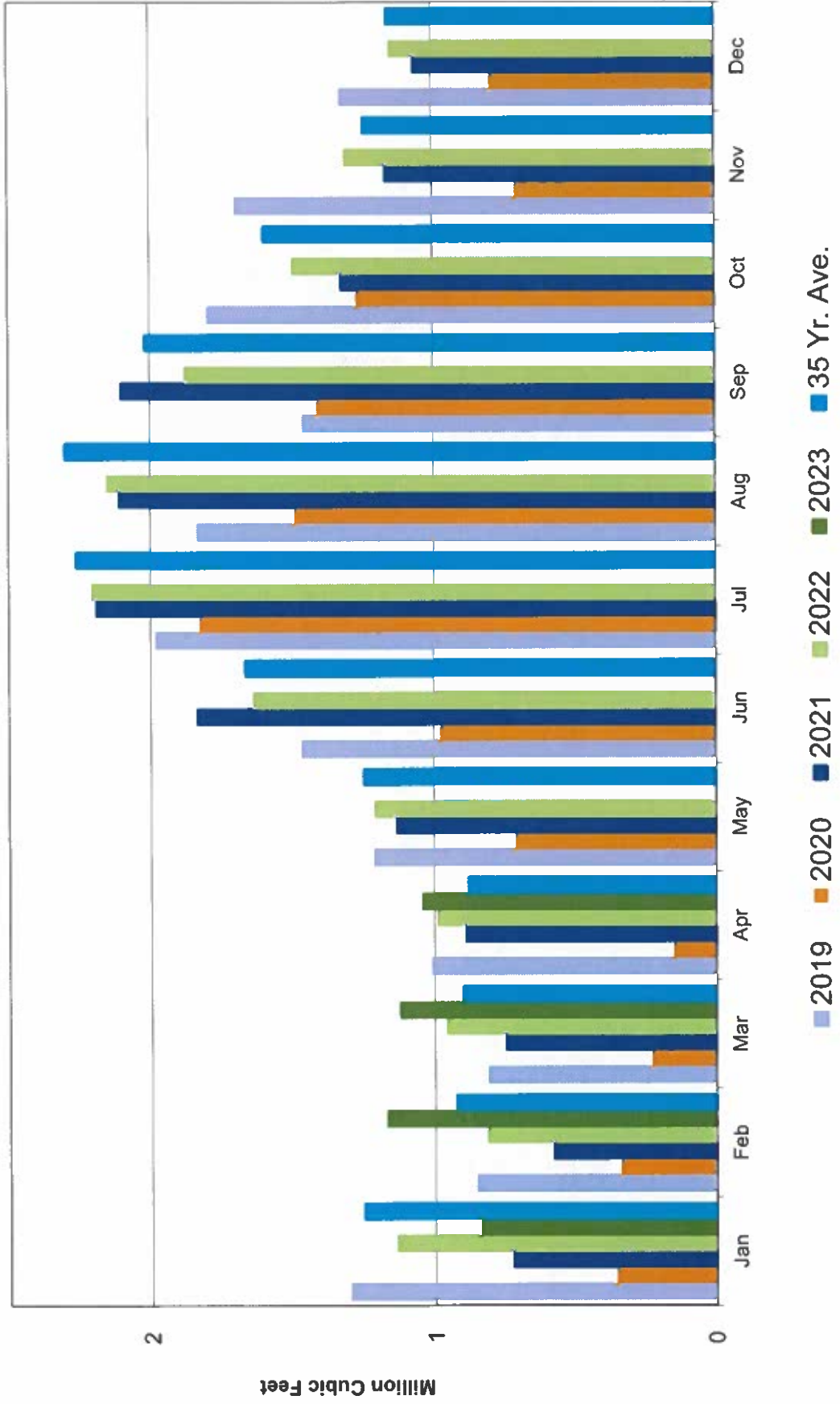
Crestline Village Water District

Well Production by Month Comparison



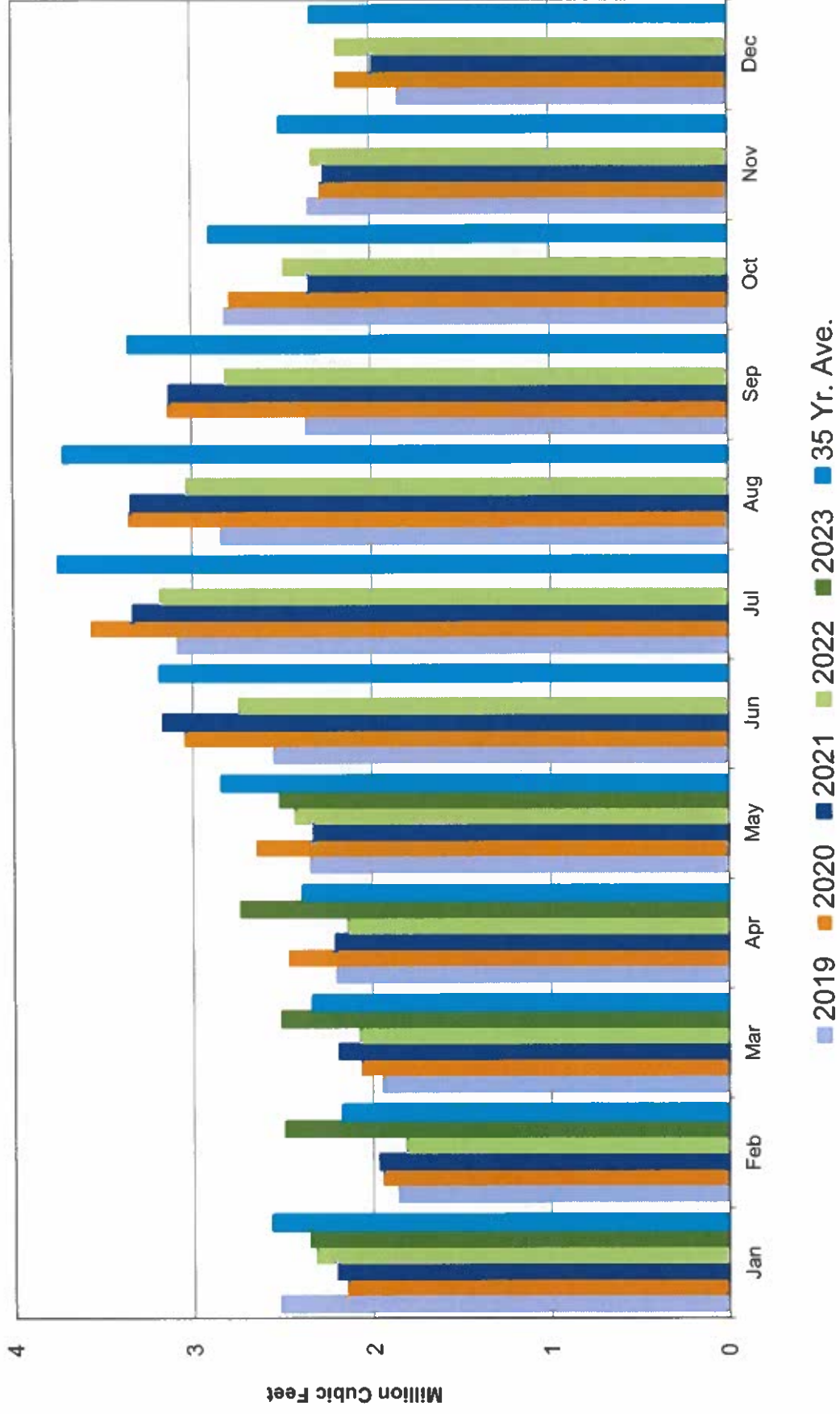
Crestline Village Water District

Purchased Water by Month Comparison



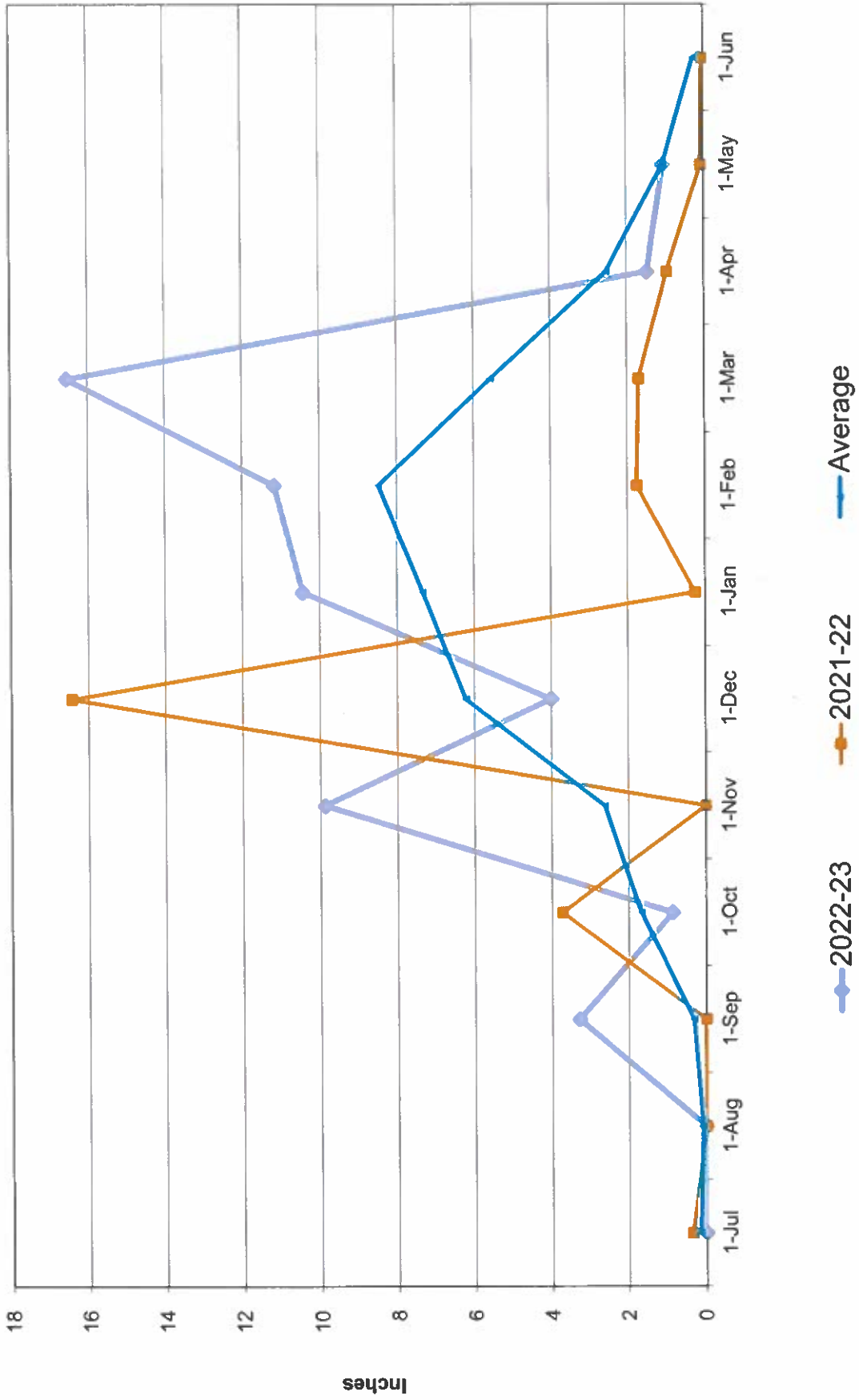
Crestline Village Water District

Total Production by Month Comparison



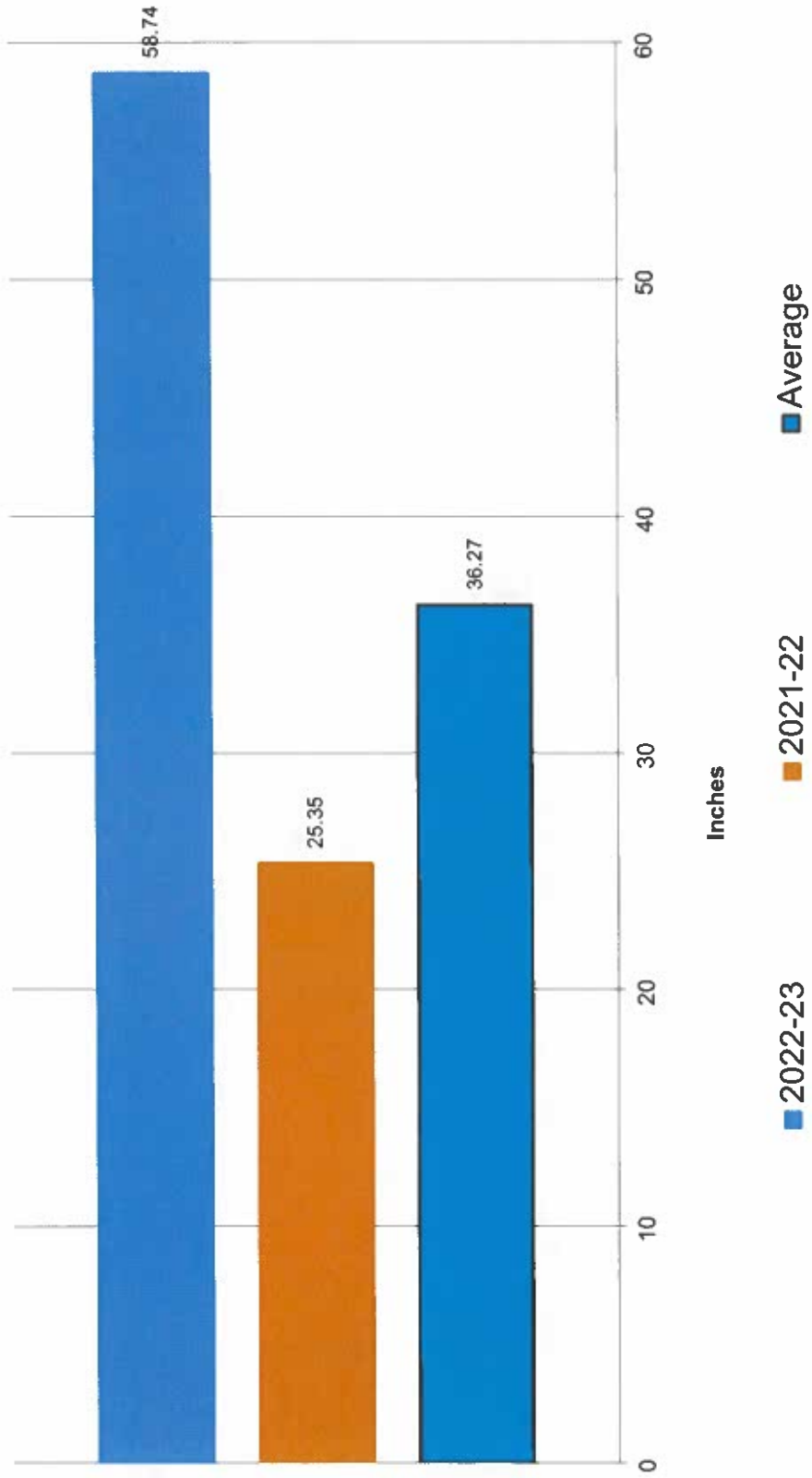
Crestline Village Water District

Rainfall - Jul 1-Jun 30



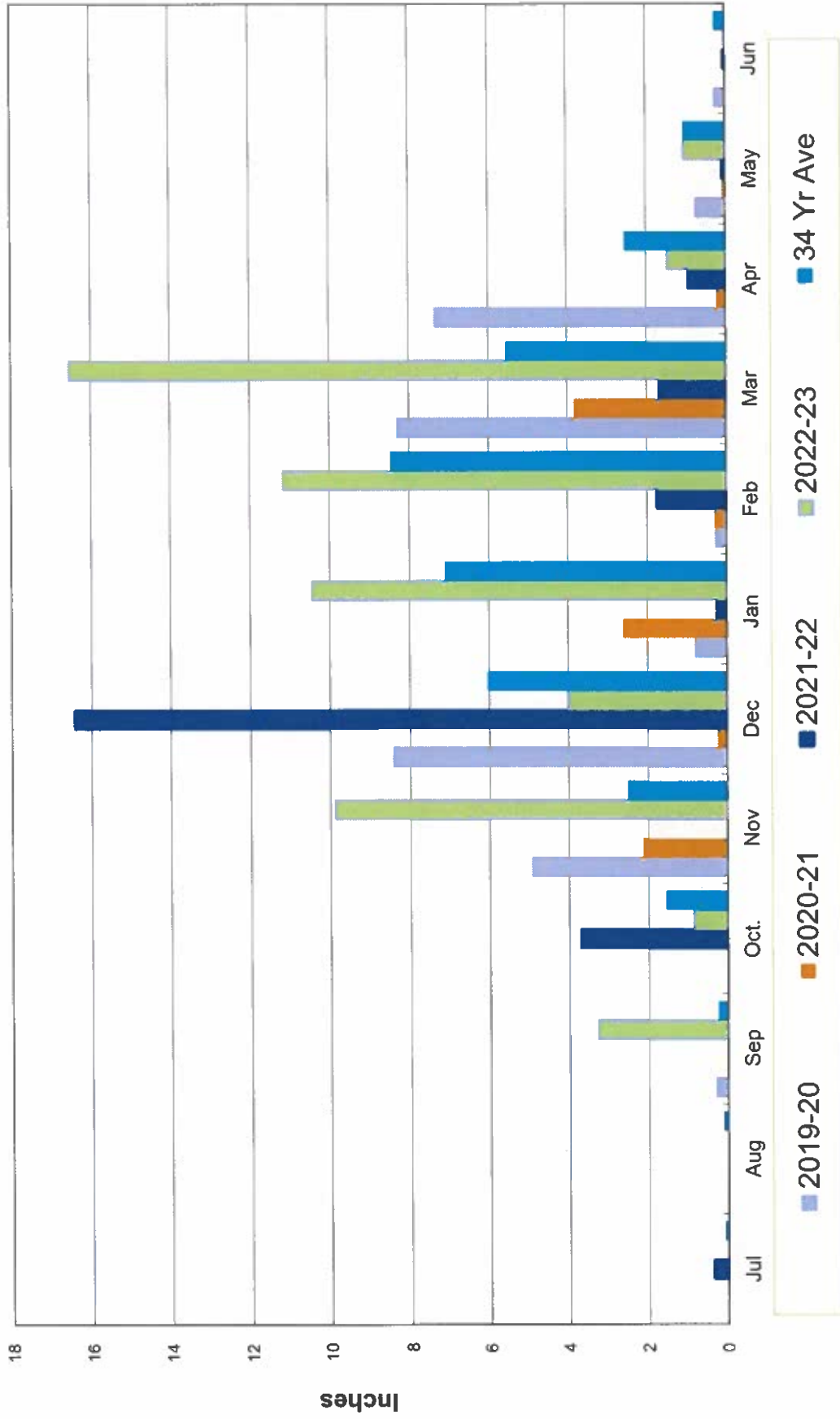
Crestline Village Water District

Total Rainfall
Jul 1- Jun 30



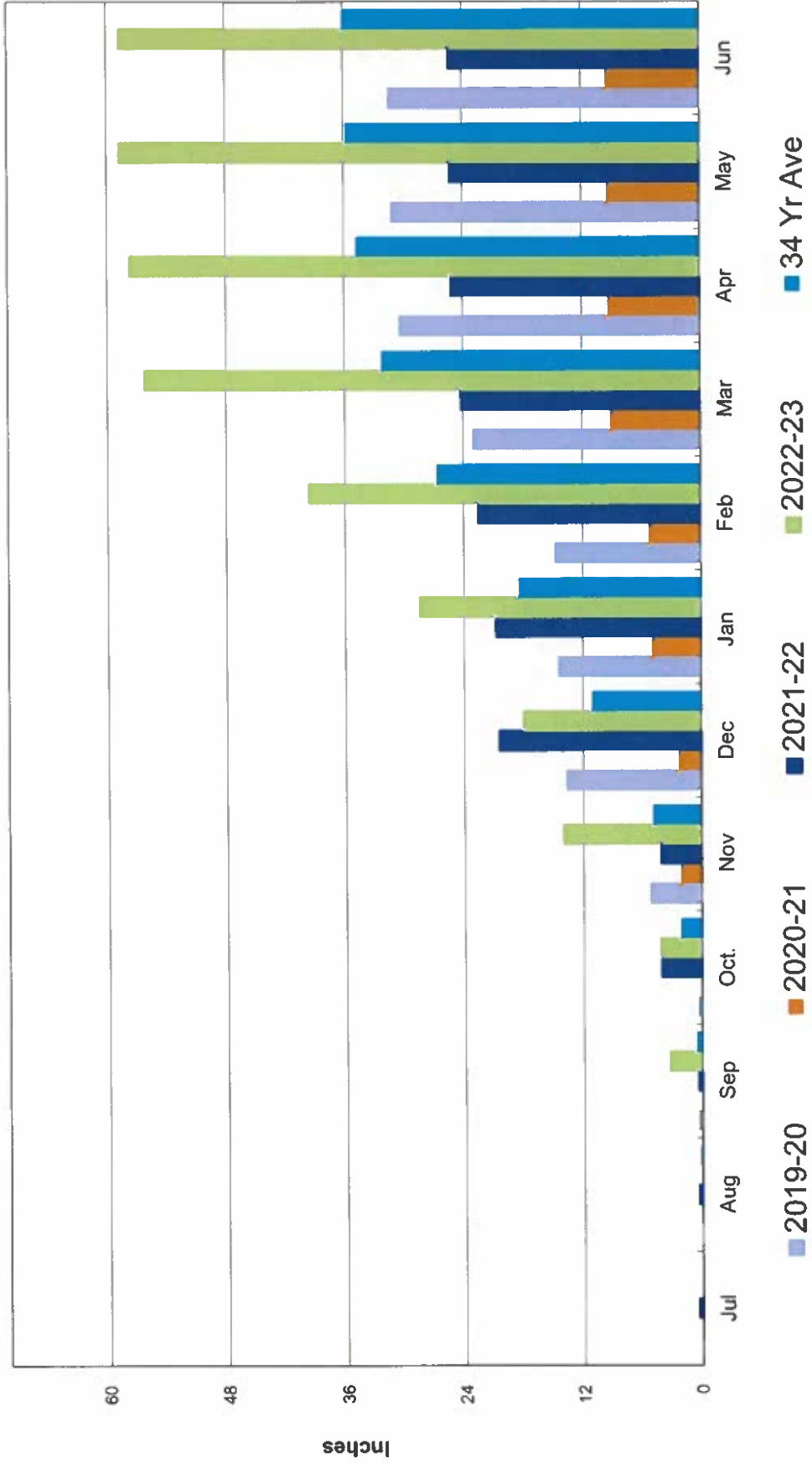
Crestline Village Water District

Rainfall by Month



Crestline Village Water District

Rainfall Cumulative



Crestline Village Water District
 Change in Water Production - Cubic Feet
 2020-21 vs 2022-23

2022-23 Production	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
Wells	1,151,925	1,221,976	1,105,093	974,157	882,087	935,451	988,945	1,019,134	1,037,385	1,514,151	1,322,990	1,390,399	1,691,667	1,950,283	14,811,762
CLAWA	988,209	1,210,614	1,638,021	2,205,749	2,150,575	1,875,835	1,494,157	1,019,134	1,148,689	838,172	1,170,815	1,122,767	1,043,796	566,791	16,275,601
Total	2,140,134	2,432,590	2,743,114	3,179,906	3,032,662	2,811,386	2,483,102	2,038,268	2,186,074	2,353,323	2,493,805	2,513,166	2,735,463	2,517,074	31,087,363
2020-21 Production															
Wells	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	1,196,500	18,711,169
CLAWA	152,380	712,554	978,249	1,827,648	1,490,709	1,410,963	1,289,277	709,571	795,000	723,155	579,385	747,260	889,997	1,133,850	12,555,064
Total	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	2,189,227	2,208,152	2,330,350	31,266,233
Change in Production															
Wells	(770,969)	(714,481)	(964,893)	(766,310)	(980,952)	(788,997)	(531,197)	(554,577)	(360,602)	34,827	(62,453)	(51,568)	373,532	753,783	(3,899,407)
CLAWA	835,829	498,060	659,772	378,101	659,866	464,972	224,880	309,563	353,689	116,017	591,430	375,507	153,799	(567,059)	3,720,537
Total	64,860	(216,421)	(305,121)	(388,209)	(321,086)	(324,025)	(306,317)	(245,014)	(6,913)	150,844	528,977	323,939	527,331	186,724	(178,870)
Total (AF)	1.49	(4.97)	(7.00)	(8.91)	(7.37)	(7.44)	(7.03)	(5.62)	(0.16)	3.46	12.14	7.44	12.11	4.29	(4.11)

Crestline Village Water District
 Change in Customer Water Consumption - Cubic Feet
 2020-21 vs 2022-23

2022-23 Total Consumption Cubic Feet	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
	1,959,100	2,145,700	2,500,300	2,780,800	2,776,100	2,477,630	2,234,390	2,033,400	1,827,900	2,009,100	1,788,100	1,835,000	1,760,360	2,195,740	26,218,820
Total															
2020-21 Total Consumption Cubic Feet	2,059,280	2,535,110	2,803,200	2,959,300	3,110,006	3,234,700	2,842,400	2,290,900	2,166,421	2,086,217	1,966,871	1,841,000	2,064,900	2,306,170	29,672,085
Total															
Change in Total Consumption Cubic Feet	(100,180)	(389,410)	(302,900)	(178,500)	(333,906)	(757,070)	(608,010)	(257,500)	(338,521)	(77,117)	(178,771)	(6,000)	(304,540)	(110,430)	
Cubic Feet	(100,180)	(389,410)	(302,900)	(178,500)	(333,906)	(757,070)	(608,010)	(257,500)	(338,521)	(77,117)	(178,771)	(6,000)	(304,540)	(110,430)	
Total (AF)	(2.30)	(8.94)	(6.95)	(4.10)	(7.87)	(17.38)	(13.96)	(5.91)	(7.77)	(1.77)	(4.10)	(0.14)	(6.99)	(2.54)	
% Change	-4.86%	-15.36%	-10.81%	-6.03%	-10.74%	-23.40%	-21.39%	-11.24%	-15.63%	-3.70%	-9.09%	-0.33%	-14.75%	-4.79%	
Total															
	-4.86%	-15.36%	-10.81%	-6.03%	-10.74%	-23.40%	-21.39%	-11.24%	-15.63%	-3.70%	-9.09%	-0.33%	-14.75%	-4.79%	

Crestline Village Water District
Gallons Per Capita Daily Calculation

2022-23

	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Average
Zip	4,965	4,970	4,970	4,970	4,972	4,970	4,973	4,971	4,972	4,973	4,970	4,971	4,970	4,963	4,971
People per Household	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38
Est. Full-Time Population	11,817	11,829	11,829	11,829	11,833	11,829	11,836	11,831	11,833	11,838	11,829	11,831	11,829	11,812	11,831
Days Per Month	30	31	30	31	31	30	31	30	31	31	28	31	30	31	30

Gallons Water Produced	16,008,202	18,195,773	20,518,493	23,785,897	22,684,312	21,029,167	18,573,603	15,246,245	16,351,834	17,602,856	18,653,661	18,798,482	20,461,413	18,827,714	19,325,128
92325 Residential Water Usage (CI)	1,717,700	1,765,700	1,945,200	2,098,100	2,277,100	2,211,100	1,917,320	1,801,200	1,738,500	1,716,400	1,691,800	1,509,300	1,658,500	1,604,300	21,634,171
% Residential Water	87.68%	82.29%	77.80%	75.45%	82.03%	89.24%	85.81%	88.58%	95.11%	85.43%	94.61%	82.25%	94.21%	73.06%	85.39%

Gallons Per Capita Daily - 2022/23	45.16	49.62	57.82	64.86	61.84	59.26	50.62	42.96	44.58	47.98	56.32	51.26	57.66	51.42	53.73
R - Gallons Per Capita Daily - 2022/23	39.59	40.83	44.98	48.94	50.73	52.88	43.44	38.05	42.40	40.99	53.28	42.16	54.32	37.57	46.08

2020-21

	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Average
Zip	4,964	4,964	4,964	4,964	4,964	4,964	4,964	4,964	4,964	4,964	4,964	4,964	4,964	4,965	4,466
People per Household	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	3.38	2.83
Est. Full-Time Population	11,814	11,814	11,814	11,814	11,814	11,814	11,814	11,814	11,814	9,877	9,877	11,814	11,814	16,782	12,639
Days Per Month	30	31	30	31	31	30	31	30	31	31	28	31	30	31	365

Gallons Water Produced	15,523,050	19,814,602	22,800,798	26,689,500	25,086,035	23,452,874	20,864,854	17,078,949	16,403,543	16,474,543	14,696,913	16,375,418	16,516,977	17,431,018	233,871,423
92325 Residential Water Usage (CI)	1,743,100	1,967,800	2,263,800	2,357,300	2,551,906	2,752,100	2,421,300	2,219,900	1,910,021	1,932,100	1,919,300	1,613,771	1,765,700	1,803,301	24,352,268
% Residential Water	84.65%	77.62%	80.76%	79.66%	82.05%	85.08%	85.19%	96.90%	88.16%	92.61%	97.58%	87.66%	85.51%	78.19%	85.84%

Gallons Per Capita Daily - 2020	43.80	54.10	64.33	72.88	68.50	66.17	56.97	48.19	44.79	53.81	53.14	44.71	46.60	33.51	56.43
R - Gallons Per Capita Daily - 2020	37.08	42.00	51.96	56.05	56.20	56.30	48.53	46.69	39.49	49.83	51.86	39.20	39.85	26.20	48.19

Change R-GPCD 2013-2019	2.52	(1.16)	(6.97)	(9.11)	(5.47)	(3.42)	(5.10)	(8.64)	2.91	(8.84)	1.43	2.96	14.47	11.37	(2.11)
% Change	6.79%	-2.77%	-13.42%	-15.70%	-9.74%	-6.07%	-10.50%	-18.51%	7.37%	-17.75%	2.75%	7.56%	36.31%	43.39%	-4.37%

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

	May	June	July	August	September	October	November	December	January	February	March	April	May	Average
Sources of Supply														
Wells	1,221,976	1,105,093	974,157	882,087	935,451	988,945	1,019,134	1,037,385	1,514,151	1,322,990	1,390,399	1,691,687	1,950,283	899,172
Purchased Water	1,210,614	1,638,021	2,205,749	2,150,575	1,875,935	1,494,157	1,307,994	1,148,689	839,172	1,170,815	1,122,767	1,043,796	566,791	1,041,755
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Supplied	2,432,590	2,743,114	3,179,906	3,032,662	2,811,386	2,483,102	2,327,128	2,186,074	2,353,323	2,493,805	2,513,166	2,735,483	2,517,074	2,427,930

	May	June	July	August	September	October	November	December	January	February	March	April	May	Average
Water Used **														
Metered Accounts														
Crestline Area	847,829	1,006,293	1,046,806	1,301,400	1,104,330	1,065,770	959,700	843,700	912,800	809,600	950,400	837,860	1,208,540	1,028,531
Lake Gregory Area	950,171	1,134,933	1,304,129	1,474,700	1,373,300	1,168,620	1,073,700	984,200	1,096,300	978,500	884,600	922,500	987,200	1,173,226
Change in Storage	(51,070)	72,829	(16,803)	(40,783)	23,503	(13,322)	24,375	(53,471)	23,320	24,237	(29,692)	23,162	1,216	(1,809)
Flushing, System & Other	721	495	667	14,507	2,606	959	1,299	23,320	1,348	3,379	12,610	18,870	35,993	5,366
Accounted for Water	1,747,651	2,214,550	2,334,799	2,749,824	2,503,739	2,222,027	2,059,074	1,797,749	2,033,768	1,815,716	1,817,918	1,802,392	2,232,949	2,205,315

System Loss (CF)	684,939	528,564	845,107	282,838	307,647	261,075	268,054	388,325	319,555	678,089	695,248	933,091	284,125	223,405
System Loss (%)	28.2%	19.3%	26.6%	9.3%	10.9%	10.5%	11.5%	17.8%	13.6%	27.2%	27.7%	34.1%	11.3%	18.7%
System Loss (GPM)	111.2	91.5	151.4	44.5	53.3	43.7	46.4	67.2	51.9	125.8	116.5	173.1	44.7	35.1

Month to Month Averaging ***														
System Loss (CF)	414,424	606,752	686,835	563,973	295,243	284,361	264,565	328,190	353,940	498,822	686,668	814,169	608,608	344,467
System Loss (%)	17.4%	23.7%	22.9%	18.0%	10.1%	10.7%	11.0%	14.6%	15.7%	20.4%	27.4%	30.9%	22.7%	14.6%
System Loss (GPM)	68.5	101.4	121.4	97.9	48.9	48.5	45.1	56.8	59.6	88.8	121.1	144.8	108.9	60.3

Estimated Uses	721	495	667	14,507	2,606	959	1,299	21,022	1,348	3,379	12,610	18,870	35,993	4,575
Known leaks - Est. loss														
Total Estimated Losses	721	495	667	14,507	2,606	959	1,299	21,022	1,348	3,379	12,610	18,870	35,993	4,575

Unaccounted for Water (CF)	105,877	289,512	341,279	318,855	305,041	260,116	266,755	367,303	318,207	674,710	682,638	914,221	248,132	218,830
Unaccounted For (%)	5.1%	13.5%	14.0%	11.6%	10.9%	10.5%	11.5%	16.8%	13.5%	27.1%	27.2%	33.4%	9.9%	9.0%
Unaccounted For (GPM)	17.7	51.9	55.4	55.2	52.8	43.6	46.2	63.6	51.7	125.2	114.4	169.6	39.1	33
Number of Days in Period	31	30	31	31	30	31	30	31	31	28	31	32	33	30

	This Month	Average
NOTES:		
Estimated -	Cost of System Loss: \$16,067	\$13,282
*	Cost of 5% System Loss: \$3,323	\$3,205
**	Amount above (below) 5% System Loss: \$12,744	\$10,077