

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

05/23/14

	Apr	May	June	July	August	Sept	Oct	Nov	Dec	Jan '14	Feb	Mar	Apr	Total
<b>Sources of Supply</b>														
Wells	1,427,183	1,498,424	1,506,235	2,091,243	1,350,287	1,330,182	1,210,928	1,344,261	1,168,307	1,226,426	1,029,924	1,150,473	1,135,412	17,469,285
Purchased Water	878,490	1,119,532	1,641,898	1,372,567	1,889,105	1,991,017	1,541,056	1,111,284	1,081,043	1,081,351	712,366	886,925	941,993	16,248,627
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Water Supplied</b>	<b>2,305,673</b>	<b>2,617,956</b>	<b>3,148,133</b>	<b>3,463,810</b>	<b>3,239,392</b>	<b>3,321,199</b>	<b>2,751,984</b>	<b>2,455,545</b>	<b>2,249,350</b>	<b>2,307,777</b>	<b>1,742,290</b>	<b>2,037,398</b>	<b>2,077,405</b>	<b>33,717,912</b>
<b>Water Used **</b>														
Metered Accounts														
Crestline Area	1,009,016	1,126,551	1,327,377	1,400,287	1,365,266	1,302,605	1,096,815	986,621	956,740	944,307	820,911	910,620	936,230	14,183,346
Lake Gregory Area	985,669	1,260,731	1,492,131	1,671,846	1,607,907	1,691,734	1,365,278	1,172,404	937,125	1,060,911	865,939	948,510	992,275	16,052,460
Change in Storage	64,480	(47,368)	(33,603)	107,239	(93,285)	46,834	39,532	(25,989)	31,137	57,593	(57,425)	(20,066)	57,593	126,672
Flushing, System & Other	109,923	115,920	119,387	115,149	108,366	105,749	106,590	206,322	106,860	65,024	21,980	19,669	19,061	1,220,000
<b>Accounted for Water</b>	<b>2,169,088</b>	<b>2,455,834</b>	<b>2,905,292</b>	<b>3,294,521</b>	<b>2,988,254</b>	<b>3,146,922</b>	<b>2,608,215</b>	<b>2,339,358</b>	<b>2,031,862</b>	<b>2,127,835</b>	<b>1,651,405</b>	<b>1,858,733</b>	<b>2,005,159</b>	<b>31,582,478</b>
<b>System Loss (CF)</b>	136,585	162,122	242,841	169,289	251,138	174,277	143,769	116,187	217,488	179,942	90,885	178,665	72,246	2,135,434
<b>System Loss (%)</b>	5.9%	6.2%	7.7%	4.9%	7.8%	5.2%	5.2%	4.7%	9.7%	7.8%	5.2%	8.8%	3.5%	6.3%
<b>System Loss (GPM)</b>	24.5	27.2	40.7	29.3	43.5	29.2	24.1	18.9	40.3	29.2	16.9	29.9	12.5	30.4
<b>Month to Month Averaging ***</b>														
<b>System Loss (CF)</b>	68,293	149,354	202,482	206,065	210,214	212,708	159,023	129,978	166,838	198,715	135,414	134,775	125,456	2,099,315
<b>System Loss (%)</b>	3.0%	6.1%	7.0%	6.3%	6.3%	6.5%	5.2%	5.0%	7.2%	8.7%	6.5%	7.0%	6.1%	6.2%
<b>System Loss (GPM)</b>	12.2	25.8	33.9	35.0	36.4	36.3	26.6	21.5	29.6	34.8	23.0	23.4	21.2	29.9
<b>Estimated Uses</b>														
Known leaks - Est. loss	5,390	1,836	1,444	337	4,644	337	2,339	241	2,370	6,345	337	5,775	24,225	55,620
<b>Total Estimated Uses</b>	<b>5,390</b>	<b>1,836</b>	<b>1,444</b>	<b>337</b>	<b>4,644</b>	<b>337</b>	<b>2,339</b>	<b>241</b>	<b>2,370</b>	<b>6,345</b>	<b>337</b>	<b>5,775</b>	<b>24,225</b>	<b>55,620</b>
<b>Unaccounted for Water (CF)</b>	131,195	160,286	241,397	168,952	246,494	173,940	141,430	115,946	215,118	173,597	90,548	172,890	48,021	2,079,815
<b>Unaccounted For (%)</b>	5.7%	6.1%	7.7%	4.9%	7.6%	5.2%	5.1%	4.7%	9.6%	7.5%	5.2%	8.5%	2.3%	6.2%
<b>Unaccounted For (GPM)</b>	23.5	26.9	40.4	29.3	42.7	29.1	23.7	18.8	39.9	28.2	16.8	29.0	8.3	29.6
<b>Number of Days in Period</b>	29	31	31	30	30	31	31	32	28	32	28	31	30	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 Supplied

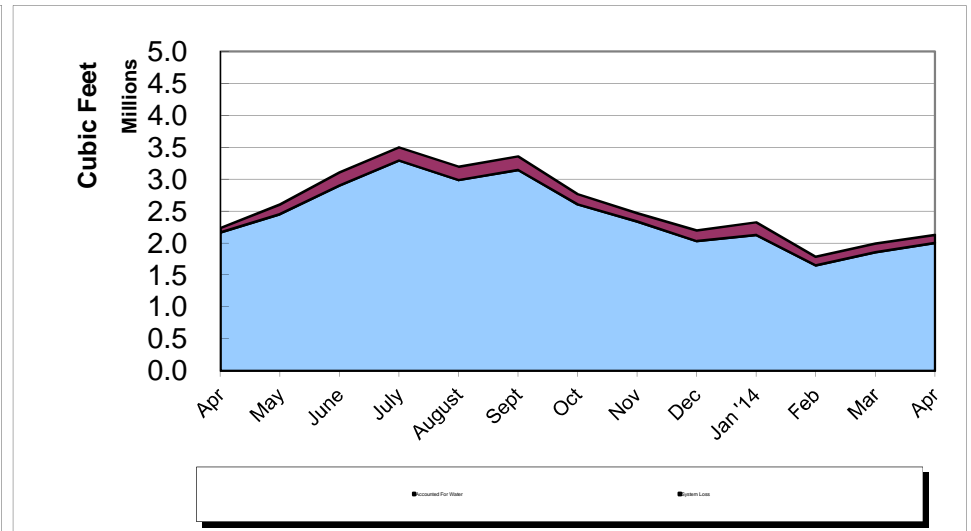
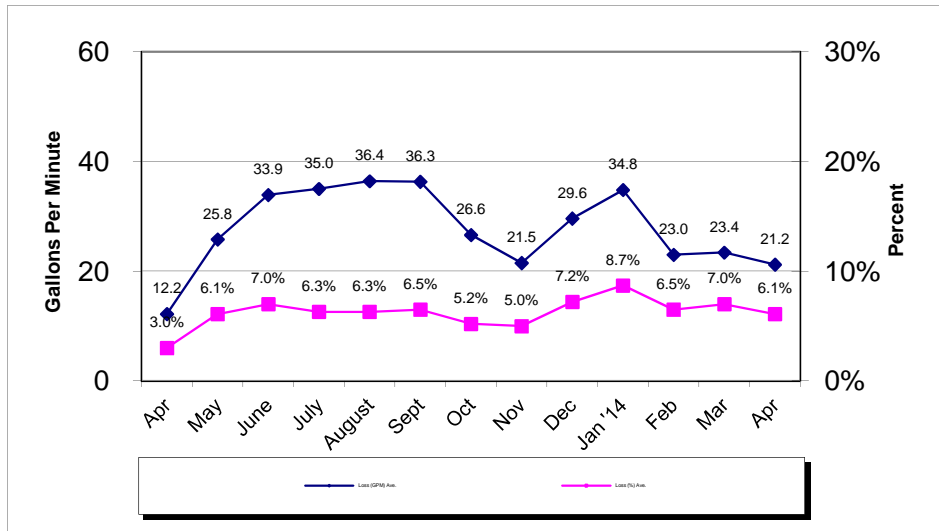
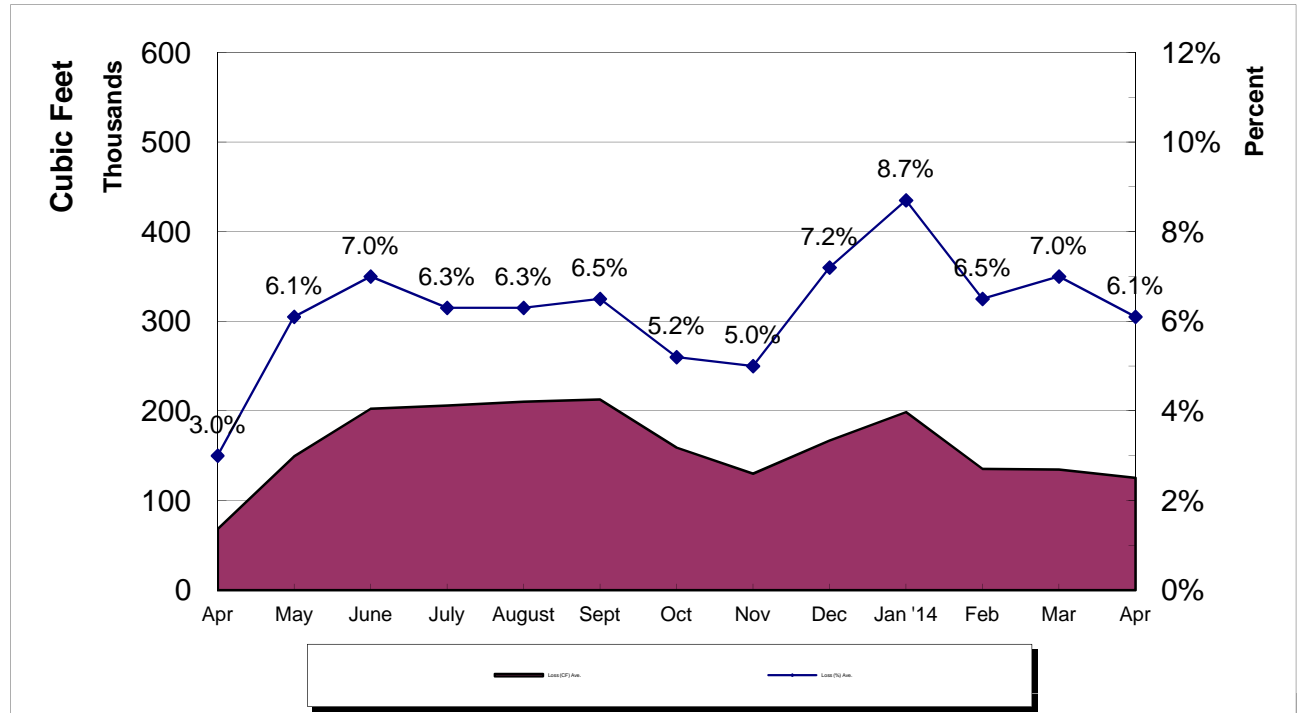
\*\*\* - Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

System Loss Costs	This Month	Average
Cost of System Loss:	\$3,312	\$4,263
Cost of 5% System Loss:	2,742	3,424
<b>Amount above (below) 5% System Loss</b>	<b>\$570</b>	<b>\$839</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

System Report on: 04/30/14

For Month of: April 2014

Water Storage (Gal)	Capacity	Gallons/ Foot	Level (FT)	Current Storage	% of Capacity
Beacon I & II	385,354	16,754	19.56	327,708	85.04%
Saxon	337,674	14,681	16.26	238,713	70.69%
Pinecrest I & II	2,063,492	54,302	31.13	1,690,421	81.92%
Zurich	171,245	7,611	19.70	149,937	87.56%
Lakeview	1,230,212	27,959	37.45	1,047,065	85.11%
Old Mill	705,900	27,150	22.53	611,690	86.65%
Barn	444,443	19,753	18.75	370,369	83.33%
Wilson	983,681	33,920	23.53	798,138	81.14%
Chillon	337,674	14,681	17.90	262,790	77.82%
Brookside	748,067	28,772	20.90	601,335	80.39%
Chamois	1,026,532	39,482	22.60	892,293	86.92%
<b>Total</b>	<b>8,434,274</b>		<b>250.31</b>	<b>6,990,459</b>	<b>82.88%</b>

WELLS	Production M-T-D (Cubic Feet)	Status
Altdorf	68,536	On
Pioneer-2	48,985	On
Pioneer-1	45,501	On
Old Mill Springs	24,440	On
Maple Springs	36,909	On
Willow Springs	14,070	On
Brookside Springs	3,350	On
Hillside Springs	10,820	On
Pinecrest 1 & 2	33,350	On
Pinecrest Vertical	49,760	On
Cypress Vertical	90,610	On
Anderson Vertical	99,800	On
Wilson Springs 1 & 2	109,378	On
Wilson Vertical	133,500	On
Felsen Vertical	166,870	On
Horst	58,100	On
Jewel 64	61,996	On
Cathcart	21,400	On
Bergschrund	13,642	On
Chamois	0	Off
Chamois Vertical	39,870	On
	0	0
Chillon 64	0	Off
	0	0
Lewter	4,525	On
<b>Total</b>	<b>1,135,412</b>	

C.L.A.W.A.	FLOWS - GPM				Production M-T-D (Cubic Feet)
	Timed	Requested	Variance	% Variance	
CF - Crestline	50	50	0	0.00%	293,048
Mile High 2"	30	30	0	0.00%	174,078
Mile High 4"	0	0	0	0.00%	0
Pinecrest 2"	0	0	0	0.00%	0
Pinecrest 4"	80	80	0	0.00%	454,412
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%	20,455
<b>Total</b>	<b>160</b>	<b>160</b>	<b>0</b>	<b>0.00%</b>	<b>941,993</b>

April Purchases	GPM	Cubic Feet	Wells	GPM	Cubic Feet
Last Year M-T-D:	157.4	909,048		255.6	1,476,193
Actual M-T-D:	163.1	941,993		196.6	1,135,412
Over/(Under) Last Year:	5.7	32,945.0		(59.0)	(340,781.0)

Total	GPM	Cubic Feet
Last Year M-T-D:	413.0	2,385,241
Actual M-T-D:	359.7	2,077,405
Over/(Under) Last Year:	(53.3)	(307,836.0)

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

05/19/14

<u>Source Name</u>	<u>April '13</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 '14</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>Last 12 Months</u>	<u>13 Months</u>
<b>Division 10</b>															
Altdorf	77,582	81,350	78,639	74,348	71,364	72,723	71,503	74,466	65,955	76,202	64,375	76,237	68,536	875,698	953,280
Pioneer #2	61,015	63,688	60,240	57,663	55,976	57,007	55,775	56,206	48,471	52,238	47,128	51,721	48,985	655,098	716,113
Pioneer #1	55,163	55,731	50,942	47,997	45,933	46,521	45,468	47,108	41,224	42,795	38,958	57,516	45,501	565,694	620,857
Old Mill Springs	35,980	35,510	32,870	28,400	25,750	26,230	25,940	26,300	22,860	22,750	20,950	26,300	24,440	318,300	354,280
Maple Springs	65,483	67,691	63,999	59,693	56,174	55,397	52,476	51,481	42,586	45,213	37,324	40,766	36,909	609,709	675,192
Willow Springs	36,280	35,930	30,300	27,120	24,680	22,740	21,380	20,300	16,450	16,240	6,300	16,060	14,070	251,570	287,850
Brookside Springs	11,520	15,530	11,300	6,800	6,670	6,530	17,690	18,140	14,210	11,300	9,220	2,020	3,350	122,760	134,280
Hillside Springs	16,750	17,400	16,440	15,320	14,730	13,790	13,300	13,370	10,930	12,170	10,340	11,520	10,820	160,130	176,880
Pinecrest	56,770	57,250	55,710	46,700	46,590	44,390	40,720	39,040	32,570	35,030	28,910	36,280	33,350	496,540	553,310
Pinecrest Vertical	91,870	83,130	77,520	66,570	67,970	63,470	61,250	59,390	48,750	54,470	46,310	51,240	49,760	729,830	821,700
Cypress Vertical	52,470	116,950	120,800	93,070	93,300	92,690	76,290	98,070	84,070	96,270	82,570	93,290	90,610	1,137,980	1,190,450
Anderson Vertical	112,600	88,300	121,500	111,900	108,600	113,600	107,000	106,500	89,000	95,000	60,400	52,400	99,800	1,154,000	1,266,600
Division 10 Totals	673,483	718,460	720,260	635,581	617,737	615,088	588,792	610,371	517,076	559,678	452,785	515,350	526,131	7,077,309	7,750,792
<b>Division 20</b>															
Wilson Springs #1 & 2	144,600	151,800	148,900	141,900	138,300	117,300	130,436	134,407	118,007	125,789	110,596	113,716	109,378	1,540,529	1,685,129
Wilson Vertical	164,100	167,600	180,700	169,400	163,900	168,000	127,500	157,300	149,500	137,400	135,800	137,800	133,500	1,828,400	1,992,500
Felsen Vertical	182,280	196,170	195,900	168,150	179,270	180,230	121,320	197,810	171,210	167,090	125,550	167,220	166,870	2,036,790	2,219,070
Horst	86,500	89,700	85,400	79,700	76,300	76,100	72,500	71,500	60,800	67,400	55,700	61,500	58,100	854,700	941,200
Jewell No. 64	73,693	74,019	74,675	79,952	79,280	81,308	80,393	82,253	72,027	79,812	73,558	71,107	61,996	910,380	984,073
Cathcart	24,700	27,200	26,500	24,600	23,300	23,500	23,000	23,400	21,300	23,400	19,600	22,500	21,400	279,700	304,400
Bergschrund	23,519	16,639	17,521	21,547	20,217	19,736	18,711	18,292	15,556	17,929	14,134	14,817	13,642	208,741	232,260
Chamois	5,000	5,400	5,400	5,000	2,600	100	0	0	0	0	0	0	0	18,500	23,500
Chamois Vertical	43,660	45,550	45,410	41,450	44,200	43,530	43,200	43,740	38,190	42,800	37,560	41,550	39,870	507,050	550,710
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	5,648	5,886	5,569	5,287	5,183	5,290	5,076	5,188	4,641	5,128	4,641	4,913	4,525	61,327	66,975
Division 20 Totals	753,700	779,964	785,975	736,986	732,550	715,094	622,136	733,890	651,231	666,748	577,139	635,123	609,281	8,246,117	8,999,817
<b>Total District Sources</b>	<b>1,427,183</b>	<b>1,498,424</b>	<b>1,506,235</b>	<b>1,372,567</b>	<b>1,350,287</b>	<b>1,330,182</b>	<b>1,210,928</b>	<b>1,344,261</b>	<b>1,168,307</b>	<b>1,226,426</b>	<b>1,029,924</b>	<b>1,150,473</b>	<b>1,135,412</b>	<b>15,323,426</b>	<b>16,750,609</b>
<b>C.L.A.W.A.</b>															
Crest Forest 6"	57,888	57,888	296,123	375,535	334,492	336,497	294,118	303,877	341,310	283,556	273,262	304,144	293,048	3,493,850	3,551,738
Mile High Park 2"	152,553	152,553	237,286	289,639	292,447	266,805	234,104	182,540	164,158	128,824	109,291	181,845	174,078	2,413,570	2,566,123
Mile High Park 4"	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pinecrest 2"	0	0	0	0	0	0	2,273	0	443,757	77,527	0	0	0	523,557	523,557
Pinecrest 4"	591,578	591,578	862,834	1,152,139	1,193,984	1,206,417	963,636	522,193	67,914	562,567	329,813	374,198	454,412	8,281,685	8,873,263
Lake Drive 2"	0	0	34,425	113,636	0	116,324	0	0	0	0	0	0	0	264,385	264,385
Lake Drive 4"	0	0	113,503	66,845	0	27,273	0	0	0	0	0	0	0	207,621	207,621
Camp Seely	76,471	76,471	97,727	93,449	68,182	37,701	46,925	102,674	63,904	28,877	0	26,738	20,455	663,103	739,574
<b>C.L.A.W.A. Totals</b>	<b>878,490</b>	<b>878,490</b>	<b>1,641,898</b>	<b>2,091,243</b>	<b>1,889,105</b>	<b>1,991,017</b>	<b>1,541,056</b>	<b>1,111,284</b>	<b>1,081,043</b>	<b>1,081,351</b>	<b>712,366</b>	<b>886,925</b>	<b>941,993</b>	<b>15,847,771</b>	<b>16,726,261</b>
<b>Grand Totals</b>	<b>2,305,673</b>	<b>2,376,914</b>	<b>3,148,133</b>	<b>3,463,810</b>	<b>3,239,392</b>	<b>3,321,199</b>	<b>2,751,984</b>	<b>2,455,545</b>	<b>2,249,350</b>	<b>2,307,777</b>	<b>1,742,290</b>	<b>2,037,398</b>	<b>2,077,405</b>	<b>31,171,197</b>	<b>33,476,870</b>

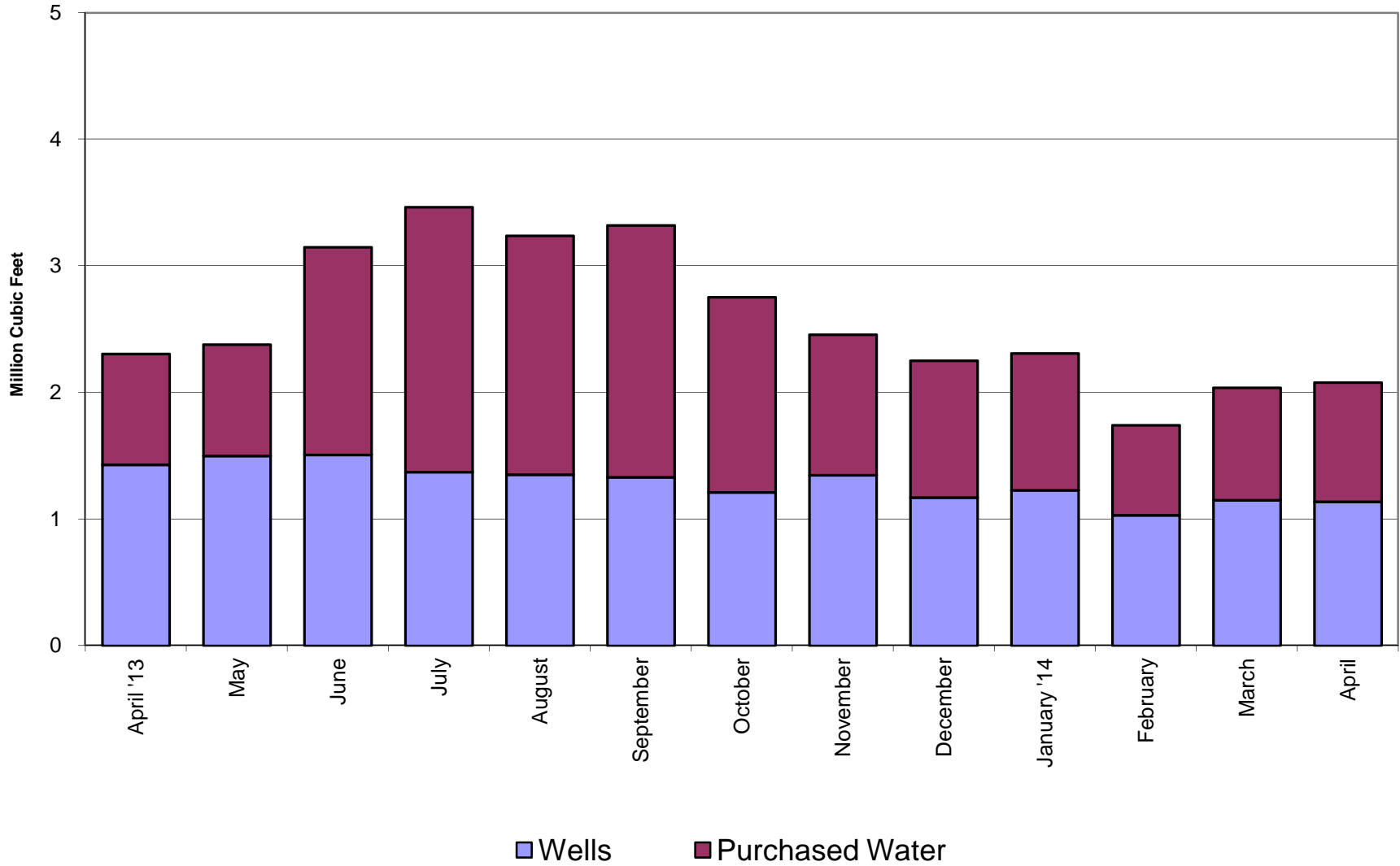
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05/19/14

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<b>District Sources</b>															
Division 10	673,483	718,460	720,260	635,581	617,737	615,088	588,792	610,371	517,076	559,678	452,785	515,350	526,131	7,077,309	7,750,792
Division 20	753,700	779,964	785,975	736,986	732,550	715,094	622,136	733,890	651,231	666,748	577,139	635,123	609,281	8,246,117	8,999,817
<b>Total</b>	<b>1,427,183</b>	<b>1,498,424</b>	<b>1,506,235</b>	<b>1,372,567</b>	<b>1,350,287</b>	<b>1,330,182</b>	<b>1,210,928</b>	<b>1,344,261</b>	<b>1,168,307</b>	<b>1,226,426</b>	<b>1,029,924</b>	<b>1,150,473</b>	<b>1,135,412</b>	<b>15,323,426</b>	<b>16,750,609</b>
Division 10	47.19%	47.95%	47.82%	46.31%	45.75%	46.24%	48.62%	45.41%	44.26%	45.63%	43.96%	44.79%	46.34%	46.19%	46.27%
Division 20	52.81%	52.05%	52.18%	53.69%	54.25%	53.76%	51.38%	54.59%	55.74%	54.37%	56.04%	55.21%	53.66%	53.81%	53.73%
<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	1,427,183	1,498,424	1,506,235	1,372,567	1,350,287	1,330,182	1,210,928	1,344,261	1,168,307	1,226,426	1,029,924	1,150,473	1,135,412	15,323,426	16,750,609
C.L.A.W.A.	878,490	878,490	1,641,898	2,091,243	1,889,105	1,991,017	1,541,056	1,111,284	1,081,043	1,081,351	712,366	886,925	941,993	15,847,771	16,726,261
<b>Total Sources</b>	<b>2,305,673</b>	<b>2,376,914</b>	<b>3,148,133</b>	<b>3,463,810</b>	<b>3,239,392</b>	<b>3,321,199</b>	<b>2,751,984</b>	<b>2,455,545</b>	<b>2,249,350</b>	<b>2,307,777</b>	<b>1,742,290</b>	<b>2,037,398</b>	<b>2,077,405</b>	<b>31,171,197</b>	<b>33,476,870</b>
District Sources	61.90%	63.04%	47.85%	39.63%	41.68%	40.05%	44.00%	54.74%	51.94%	53.14%	59.11%	56.47%	54.66%	49.16%	50.04%
C.L.A.W.A.	38.10%	36.96%	52.15%	60.37%	58.32%	59.95%	56.00%	45.26%	48.06%	46.86%	40.89%	43.53%	45.34%	50.84%	49.96%
<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>

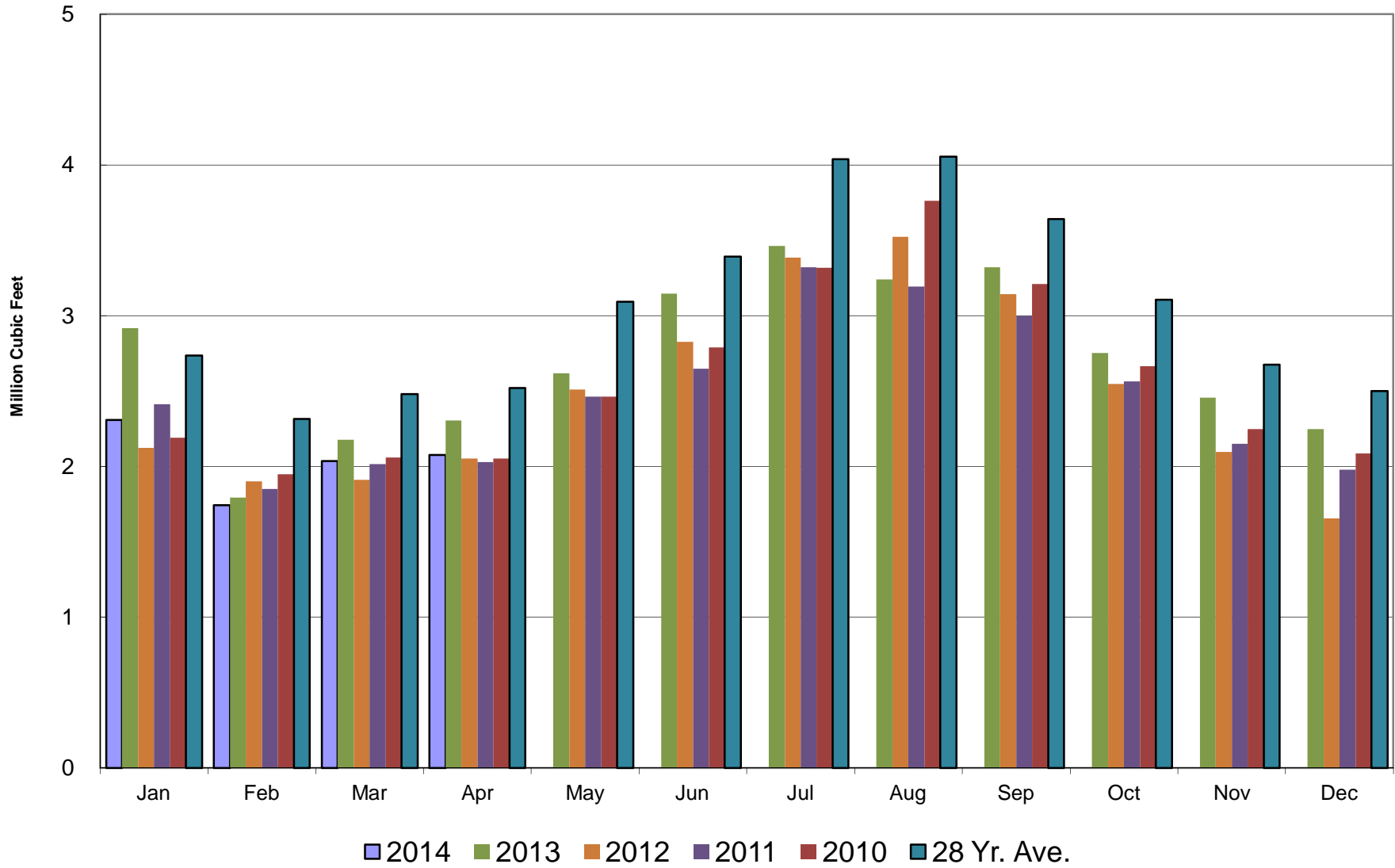
# Crestline Village Water District

## Water Sources - Last 13 Months



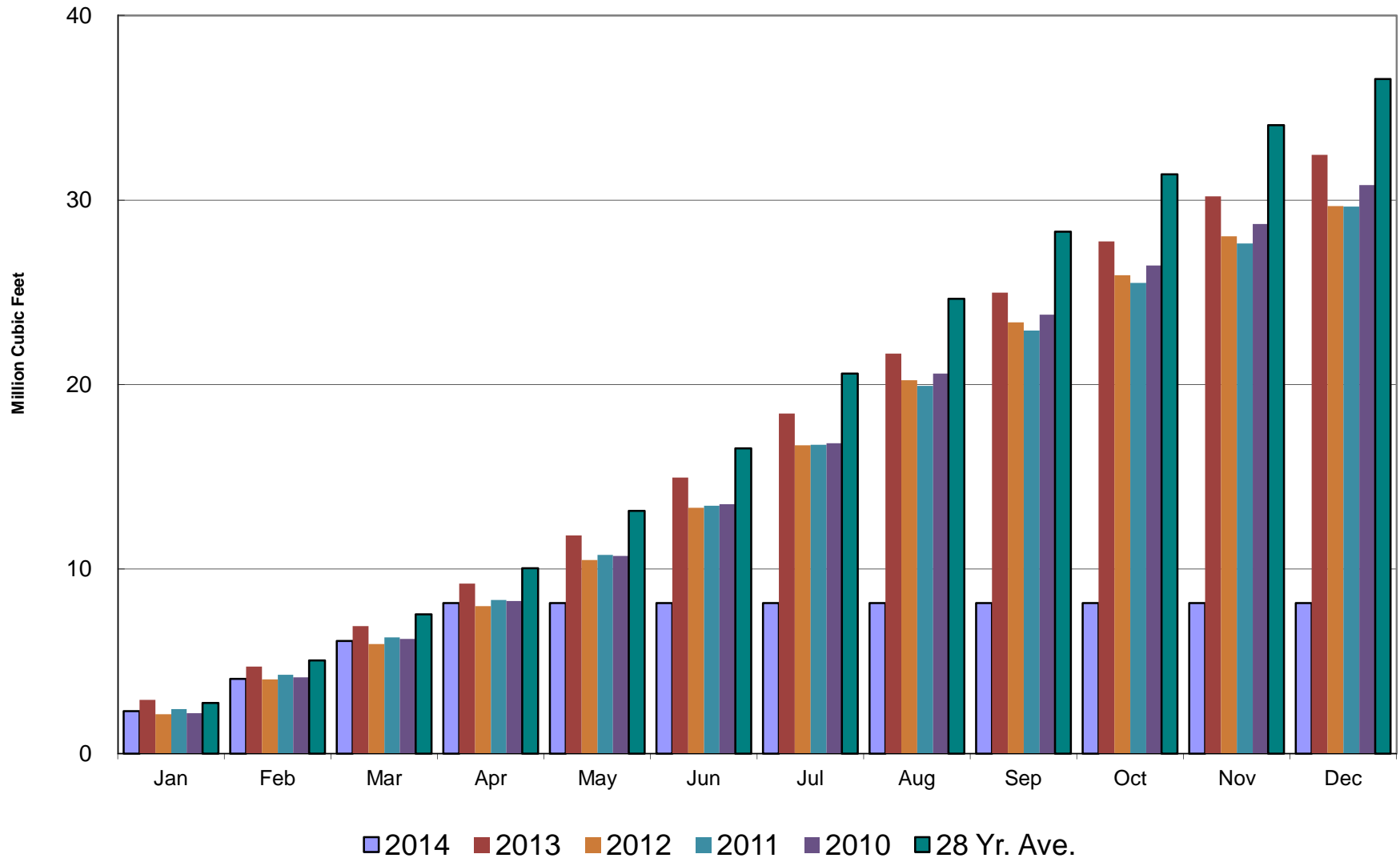
# Crestline Village Water District

## Total Production by Month



# Crestline Village Water District

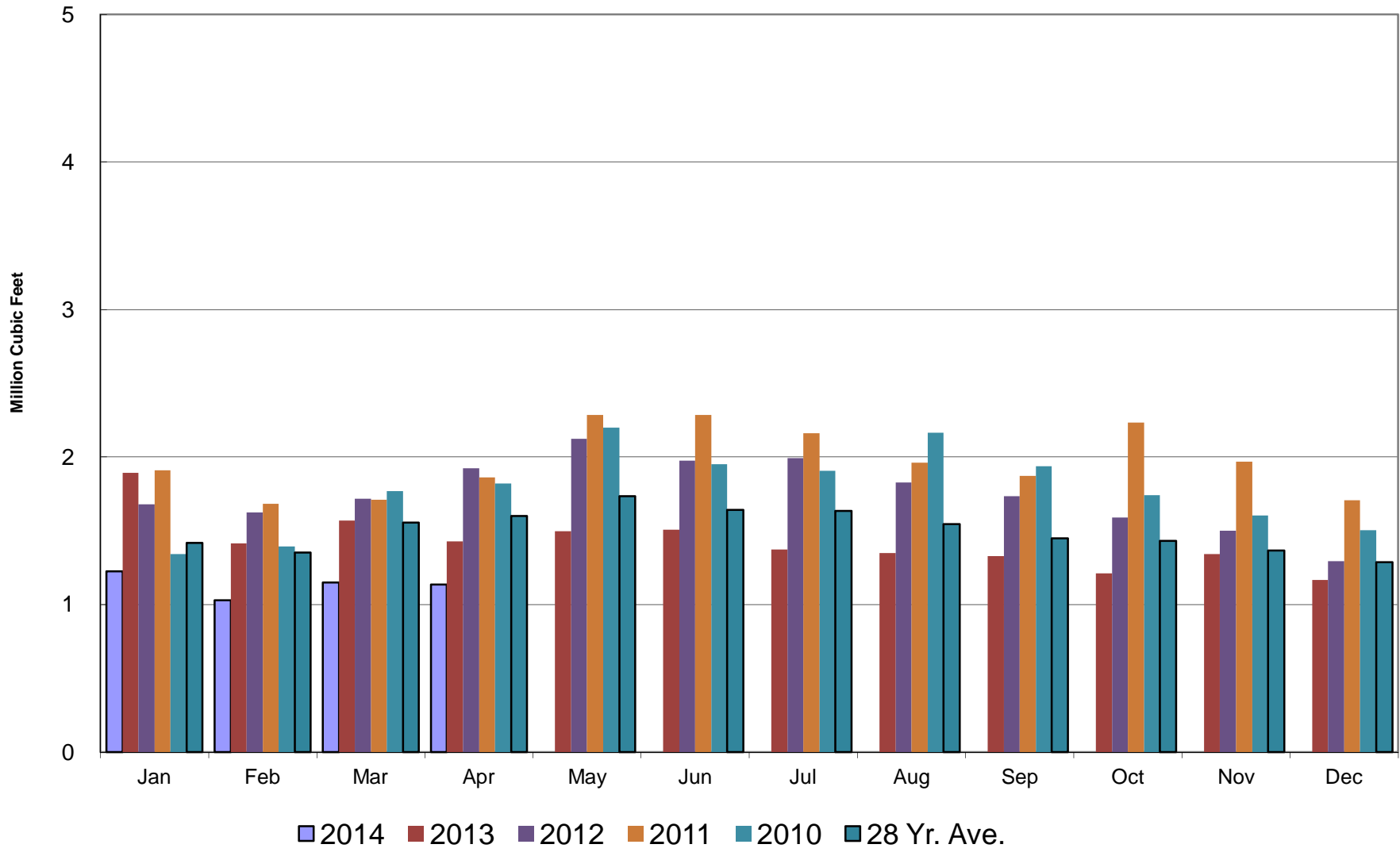
## Total Production Cumulative





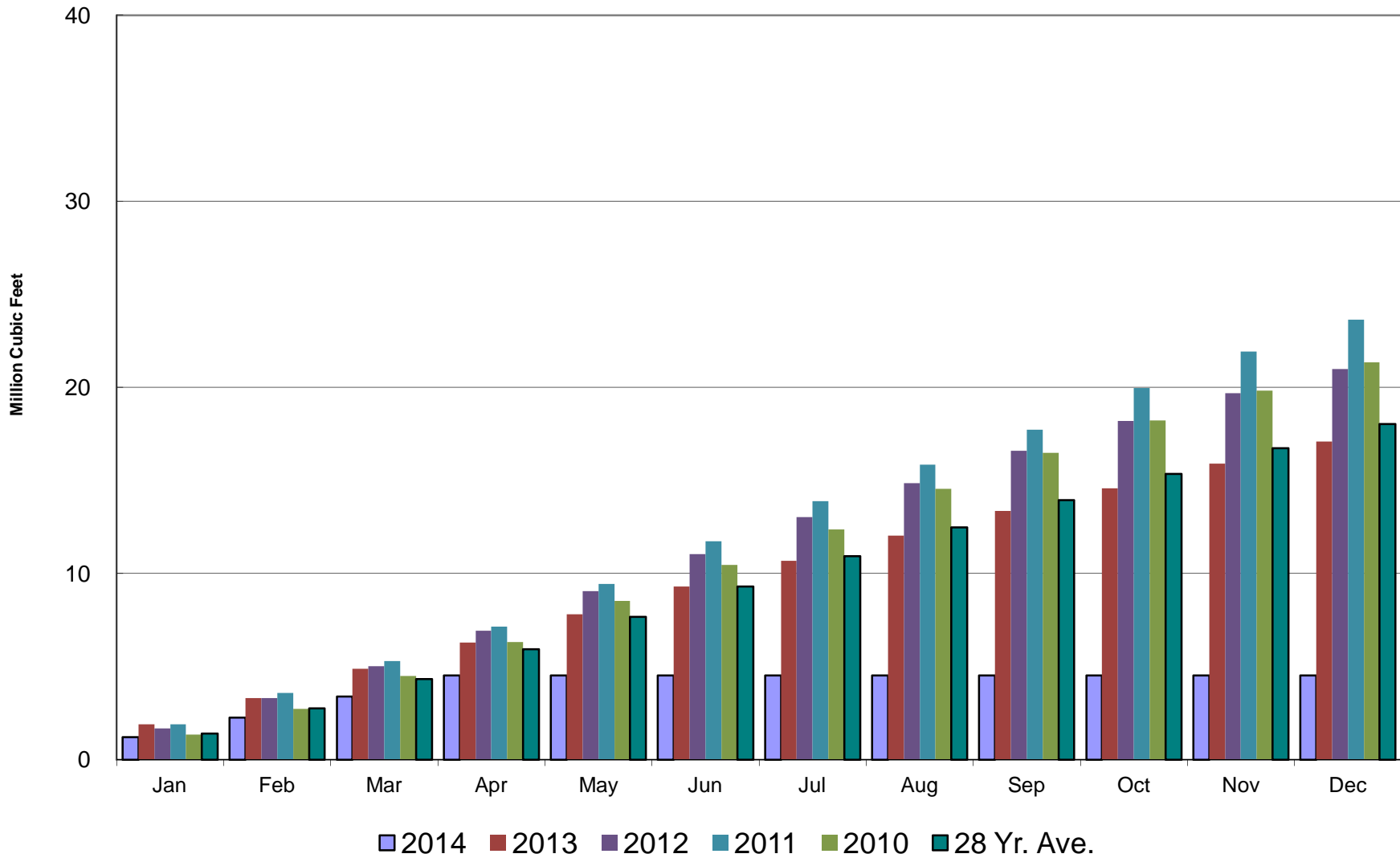
# Crestline Village Water District

## Well Production by Month



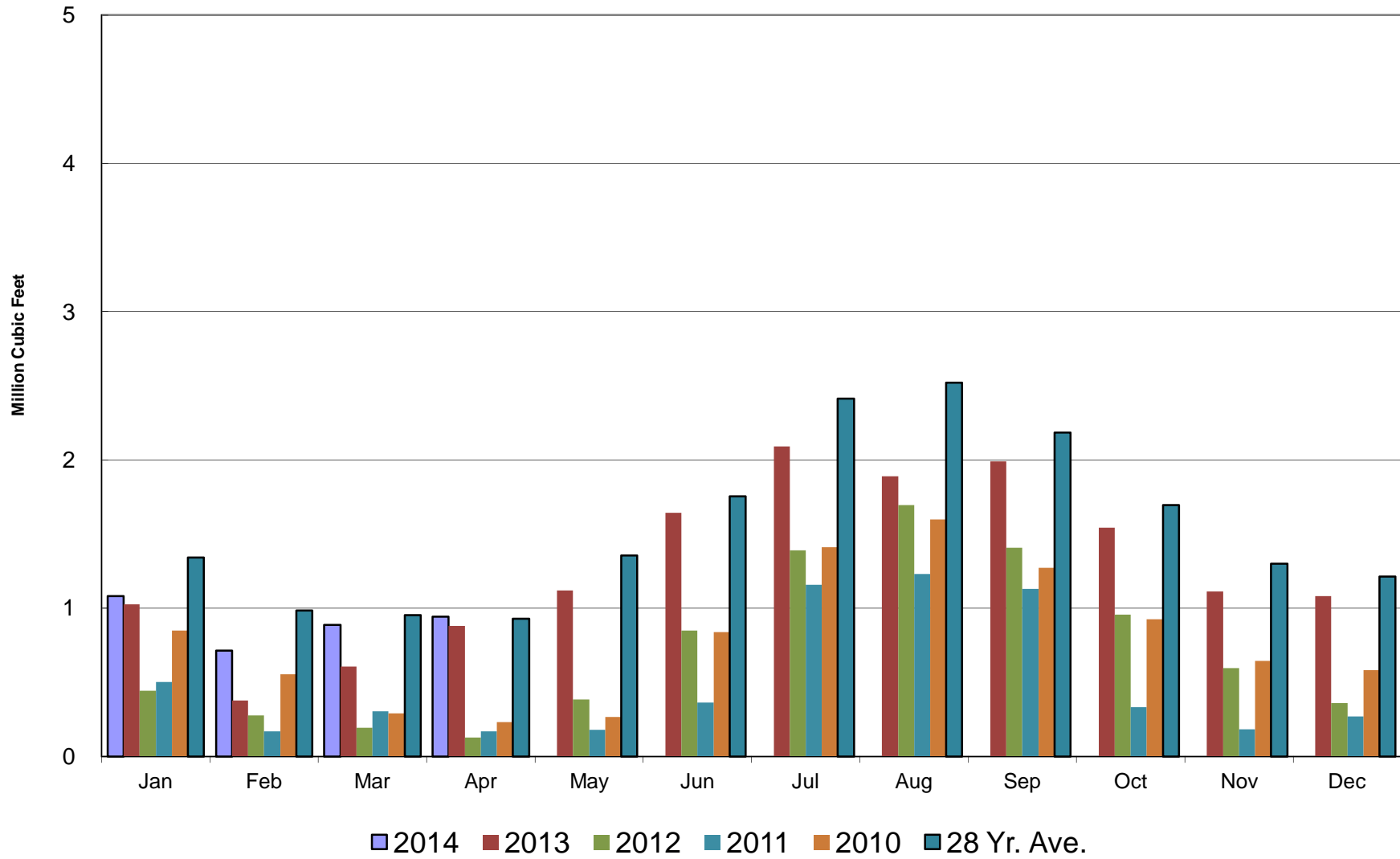
# Crestline Village Water District

## Well Production Cumulative



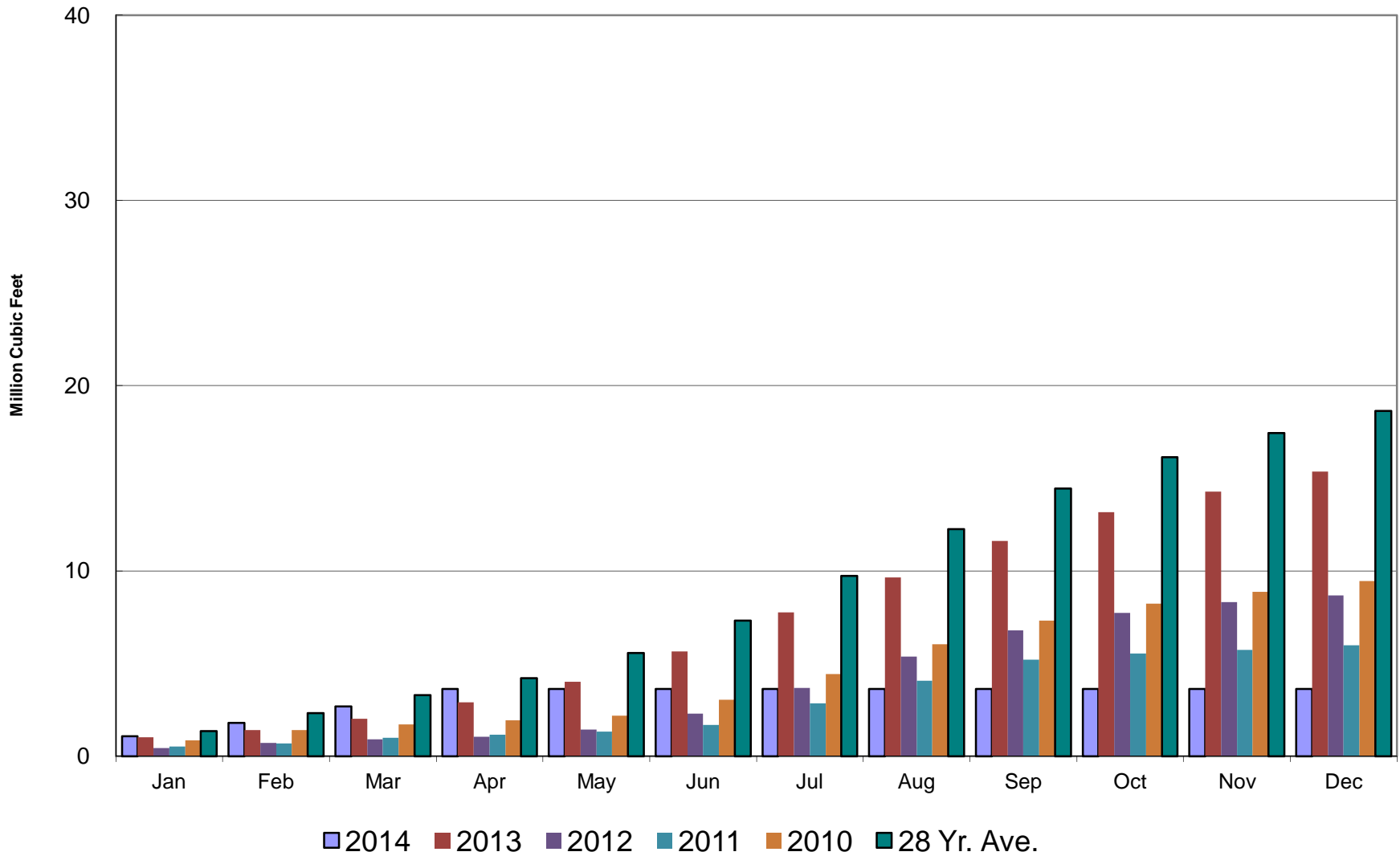
# Crestline Village Water District

## Purchased Water by Month



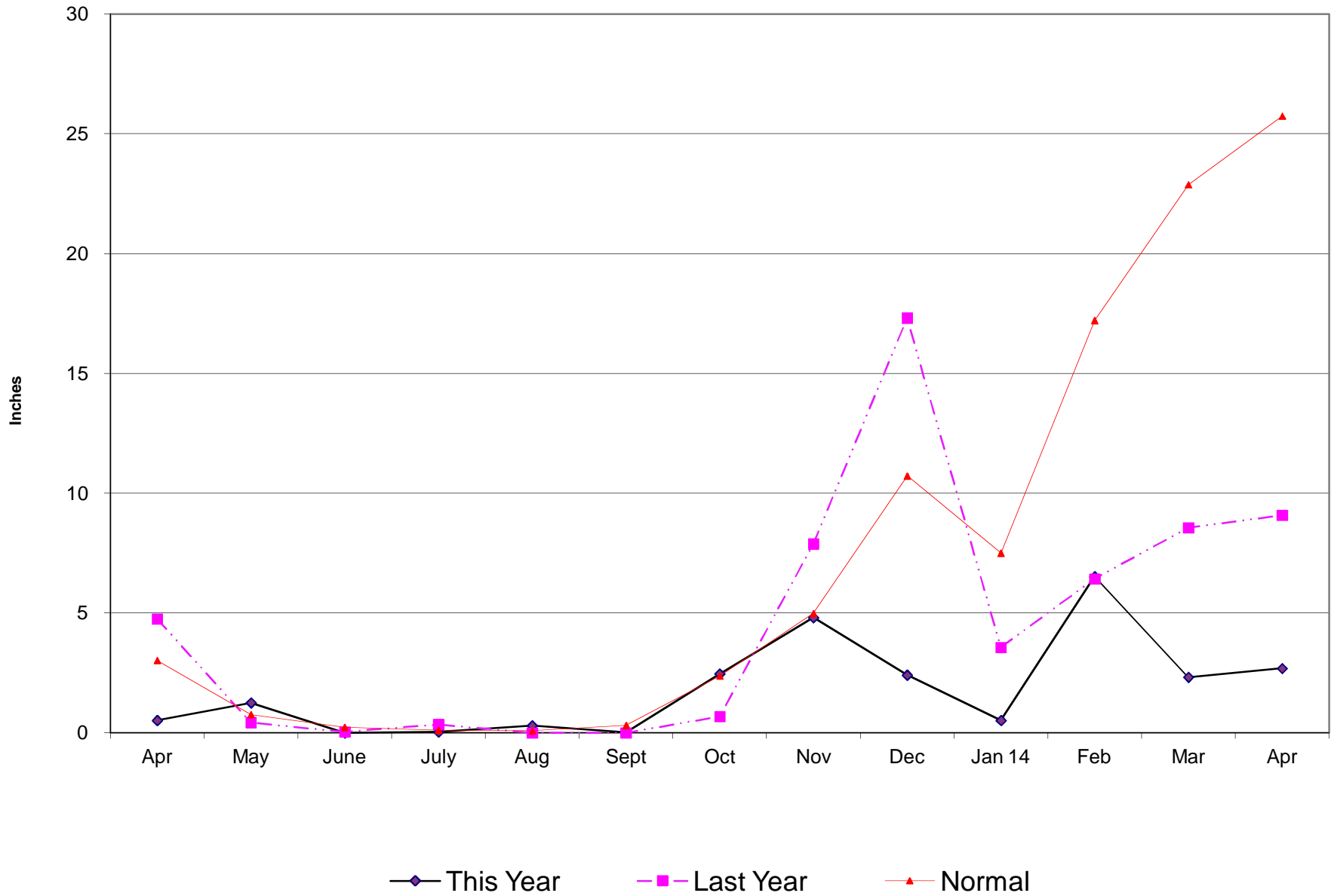
# Crestline Village Water District

## Purchased Water Cumulative



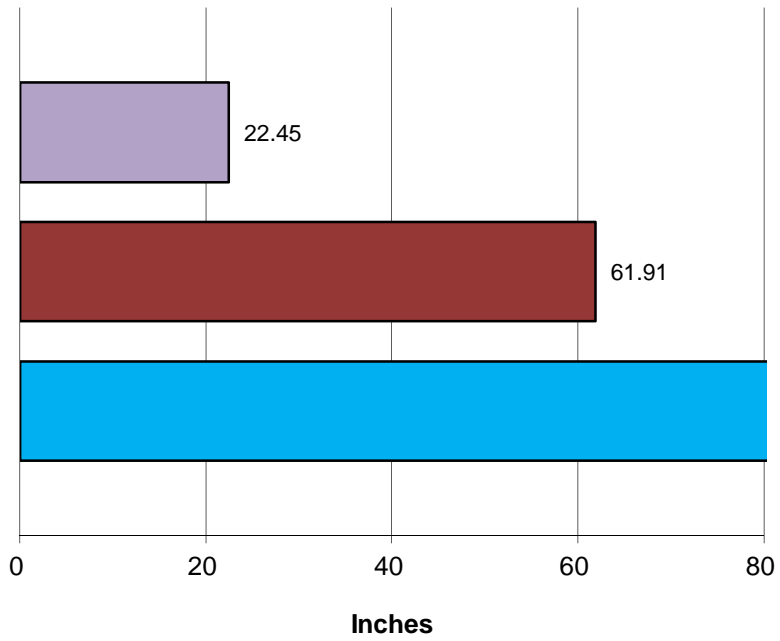
# Crestline Village Water District

## Rainfall - Last 13 Months



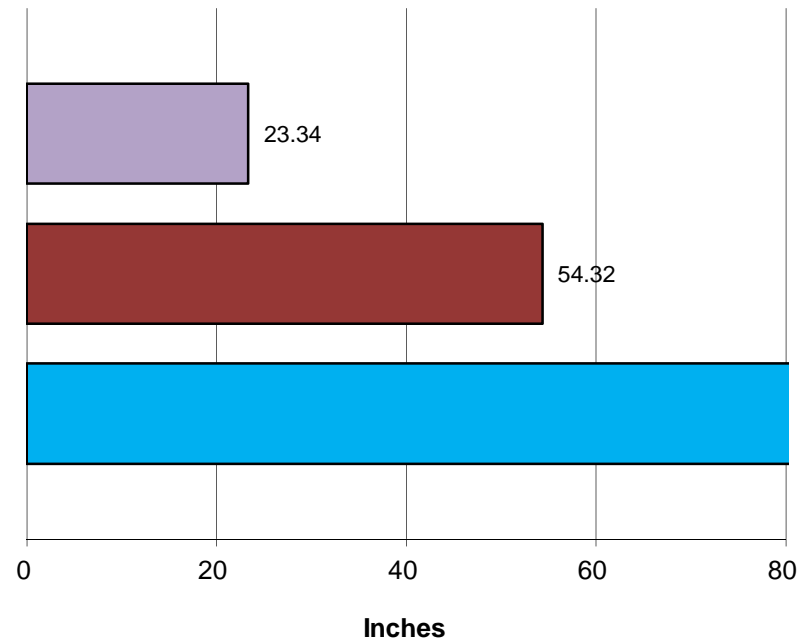
# Crestline Village Water District

**Total Rainfall  
July 1, 2013 to  
Beginning of Current Month**



■ This Year ■ Last Year ■ Normal

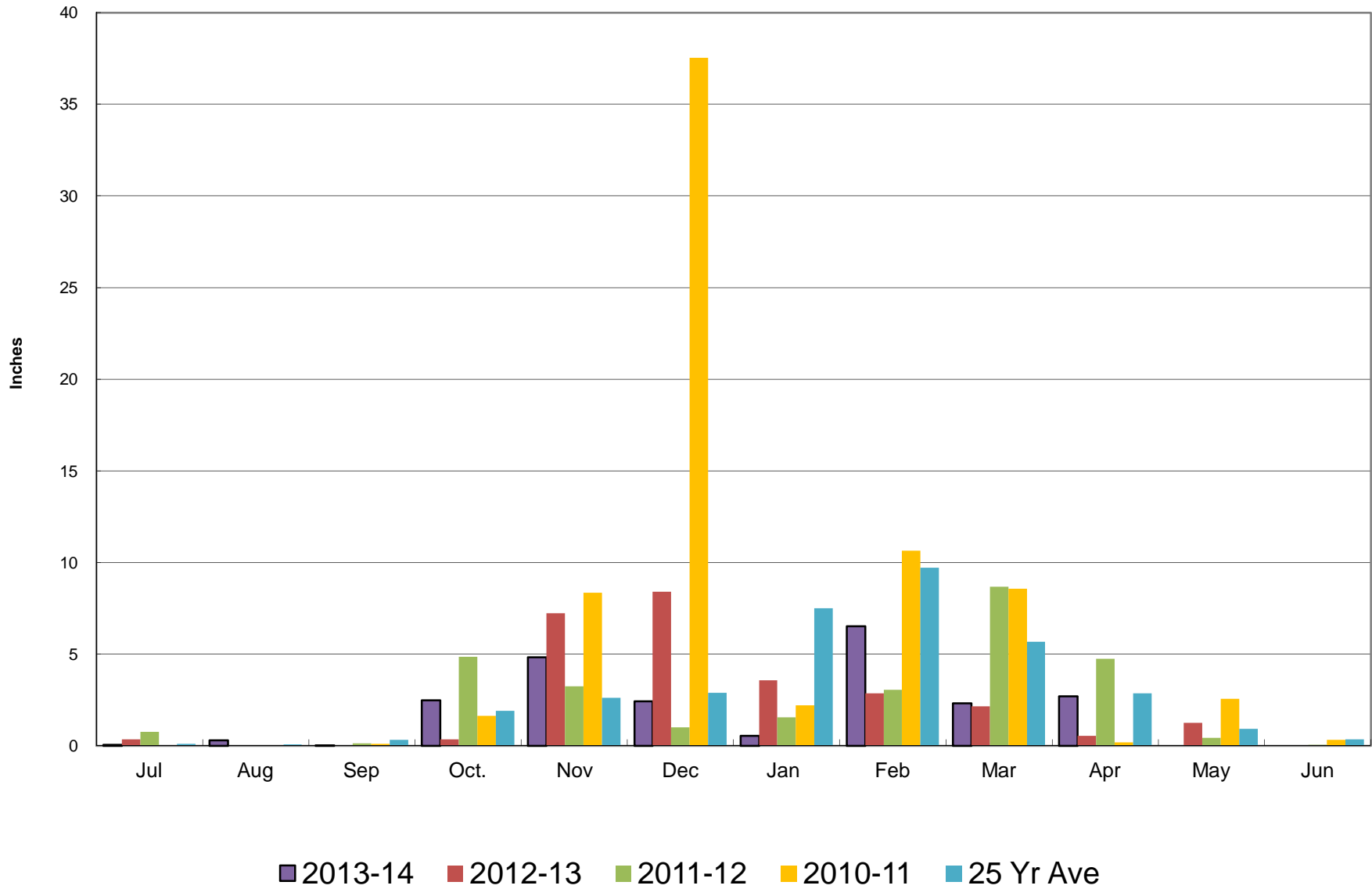
**Total Rainfall  
Last 12 Months**



■ This Year ■ Last Year ■ Normal

# Crestline Village Water District

## Rainfall by Month



# Crestline Village Water District

## Rainfall Cumulative

