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

Sources of Supply	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug</u>	<u>Sept</u>	Oct	Nov	Dec	<u>Jan '17</u>	<u>Feb</u>	<u>Total</u>
Wells	761.607	710.788	766.045	730.757	889.923	768.682	915.107	765.105	700.645	722.247	653.020	778.620	898.292	10.060.838
Purchased Water	1,062,981	1.245.041	1.069.759	903,196	2,075,267	2,326,512	1,989,344	1,942,165	1,791,444	1,420,053	1,363,770	1,388,503	950,936	19,528,971
Adjustment to Wells *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
•														
Total Water Supplied	1,824,588	1,955,829	1,835,804	1,633,953	2,965,190	3,095,194	2,904,451	2,707,270	2,492,089	2,142,300	2,016,790	2,167,123	1,849,228	29,589,809
Water Used **														
Metered Accounts														
Crestline Area	923,471	868,251	874,686	833,013	1,337,363	1,349,820	1,225,532	1,159,217	1,049,772	920,956	894,009	921,219	797,663	13,154,972
Lake Gregory Area	1,026,174	929,813	915,873	844,358	1,263,358	1,456,293	1,412,630	1,298,386	1,330,923	1,035,068	964,569	1,043,759	835,789	14,356,993
Change in Storage	(6,116)	43,622	(14,604)	(64,285)	63,211	39,580	(38,244)	(5,327)	(3,701)	(12,883)	(61,470)	71,324	19,087	30,194
Flushing, System & Other	14,439	36,219	17,589	16,751	16,052	14,609	15,269	15,829	14,439	15,041	18,450	14,439	14,439	223,564
Accounted for Water	1,957,968	1,877,905	1,793,544	1,629,837	2,679,984	2,860,302	2,615,187	2,468,105	2,391,433	1,958,182	1,815,558	2,050,741	1,666,978	27,765,723
System Loss (CF)	(133,380)	77,924	42,260	4,116	285,206	234,892	289,264	239,165	100,656	184,118	201,232	116,382	182,250	1,824,086
System Loss (%)	-7.3%	4.0%	2.3%	0.3%	,	7.6%	,	8.8%	4.0%	8.6%	,	5.4%	9.9%	6.2%
System Loss (GPM)	(21.0)	13.1	7.3	0.8	43.6	38.1	50.1	41.4	16.9	31.9	34.8	18.9	33.8	26.0
Month to Month Averaging ***														
System Loss (CF)	(66,690)	(27,728)	60,092	23,188	144,661	260,049	262,078	264,215	169,911	142,387	192,675	158,807	149,316	1,732,961
System Loss (%)	-3.7%	-1.7%	3.1%	1.3%	4.9%	8.6%	8.8%	9.4%	6.4%	6.3%	9.3%	7.7%	7.6%	5.9%
System Loss (GPM)	(10.5)	(4.0)	10.2	4.1	22.2	40.9	44.1	45.7	29.1	24.4	33.4	26.9	26.4	24.7
Estimated Uses														
Known leaks - Est. loss	16.460	2,005	1,334	0	37,656	18,048	7,580	3,850	3.658	0	674	866	1,925	94,056
Triowir iodro Est. 1005	10,400	2,000	1,004		07,000	10,040	7,000	0,000	0,000		014	000	1,020	34,000
Total Estimated Uses	16,460	2,005	1,334	0	37,656	18,048	7,580	3,850	3,658	0	674	866	1,925	94,056
Unaccounted for Water (CF)	(149,840)	75,919	40,926	4,116	247,551	216,844	281,684	235,315	96,998	184,118	200,559	115,516	180,325	1,730,029
Unaccounted For (%)	-8.2%	3.9%	2.2%	0.3%	8.4%	7.0%	9.7%	8.7%	3.9%	8.6%	,	5.3%	9.8%	5.9%
Unaccounted For (GPM)	(23.6)	12.7	7.1	8.0	37.8	35.2	48.8	40.7	16.3	31.9	34.7	18.8	33.5	24.6
Number of Days in Period	33	31	30	27	34	32	30	30	31	30	30	32	28	365

NOTES:

Estimated - Includes estimated billing period. This month includes estimated consumption. The following billing period will reflect adjustments to actual water used.

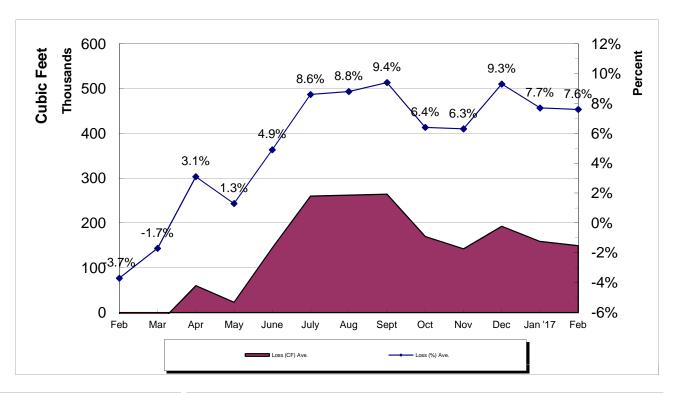
- * Currently there are no Adjustments to Wells being made.
- ** Water Used Metered Accounts is adjusted to the time period in Total Water Supplied
- *** Month to Month averaging averages the System Loss for each period with the immediately prior period for trending purposes.

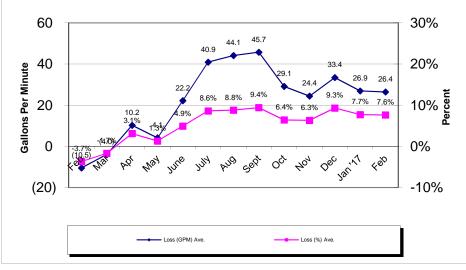
System Loss Costs	This Month	Average							
Cost of System Loss:	\$3,942	\$3,519							
Cost of 5% System Loss:	2,441	3,005							
Amount above (below) 5% System Loss	\$1,501	\$514							
Note: Cost is calculated at highest cost (CLAWA Rate: \$2.64/100 c.f.)									

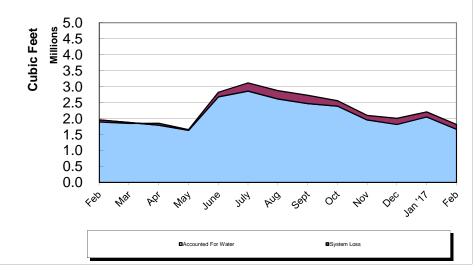
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System Loss Last 13 Months

With Month to Month Averaging







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System Report on: 02/28/17

		Gallons/	Level	Current	% of	
Water Storage (Gal)	Capacity	Foot	(FT)	Storage	Capacity	
Beacon I & II	385,354	16,754	18.68	312,965	81.21%	
Saxon	337,674	14,681	16.56	243,117	72.00%	
Pinecrest I & II	2,063,492	54,302	34.54	1,875,591	90.89%	
Zurich	380,500	16,910	20.55	347,501	91.33%	
Lakeview	1,230,212	27,959	33.19	927,959	75.43%	
Old Mill	705,900	27,150	22.88	621,192	88.00%	
Barn	444,443	19,753	17.42	344,097	77.42%	
Wilson	983,681	33,920	26.06	883,955	89.86%	
Chillon	337,674	14,681	16.71	245,320	72.65%	
Brookside	748,067	28,772	19.59	563,643	75.35%	
Chamois	1,026,532	39,482	21.24	838,598	81.69%	
Total	8,643,529		247.42	7,203,938	83.34%	

	Production				
					M-T-D
C.L.A.W.A.	Timed	Requested	Variance	% Variance	(Cubic Feet)
CF - Crestline	48	50	(2)	-4.00%	255,882
Mile High 2"	0	0	0	0.00%	0
Mile High 4"	31	30	1	3.33%	160,428
Pinecrest 2"	0	0	0	0.00%	0
Pinecrest 4"	97	100	(3)	-3.00%	534,626
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	176	180	(4)	-2.22%	950,936

February Purchases	GPM	Cubic Feet	<u>Wells</u>	GPM	Cubic Feet
Last Year M-T-D:	185.5	999,914		160.6	865,695
Actual M-T-D:	176.4	950,936		166.7	898,292
Over/(Under) Last Year:	(9.1)	(48,978.0)		6.0	32,597.0

	Production	
	M-T-D	
WELLS	(Cubic Feet)	Status
Altdorf	87,143	On
Pioneer-2	35,712	On
Pioneer-1	445	Off
Old Mill Springs	60,850	On
Maple Springs	0	Off
Willow Springs	0	Off
Brookside Springs	0	Off
Hillside Springs	0	Off
Pinecrest 1 & 2	27,130	On
Pinecrest Vertical	92,760	On
Cypress Vertical	82,470	On
Anderson Vertical	119,791	Off
Wilson Springs 1 & 2	77,620	On
Wilson Vertical	54,300	On
Felsen Vertical	99,466	On
Horst	33,458	On
Jewel 64	69,505	On
Cathcart	26,872	On
Bergschrund	0	Off
Chamois	0	Off
Chamois Vertical	30,770	On
0	0	0
0	0	0
0	0	0
Lewter	0	Off
Total	898,292	

For Month of:

February 2017

<u>Total</u>	GPM	Cubic Feet			
Last Year M-T-D:	346.1	1,865,609			
Actual M-T-D:	343.1	1,849,228			
Over/(Under) Last Year:	(3.0)	(16,381.0)			

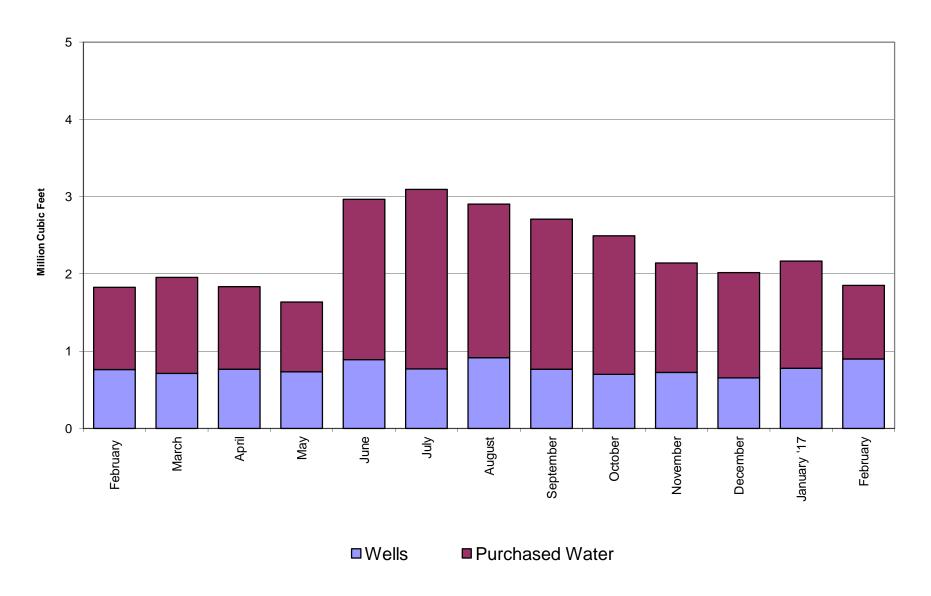
Crestline Village Water District Source of Supply Production Report Cubic Feet Last 13 Months

Source Name	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	October	November	<u>December</u>	January '17	<u>February</u>	Last 12 Months	13 Months
Division 10															
Altdorf	59,530	62,225	55,446	51,632	59,926	54,522	49,873	49,063	49,621	47,451	49,232	88,387	87,143	704,521	764,051
Pioneer #2	34,008	37,026	34,391	32,876	39,268	36,444	33,624	33,202	33,558	32,463	32,122	36,621	35,712	417,307	451,315
Pioneer #1	31,125	29,380	26,113	24,162	27,775	24,745	22,175	21,515	21,741	20,908	23,026	84,684	445	326,669	357,794
Old Mill Springs	0	0	0	0	15,510	15,990	13,480	12,230	11,960	10,820	10,900	57,620	60,850	209,360	209,360
Maple Springs	1,229	171	171	0	1,879	1,350	1,958	839	96	0	0	1,719	0	8.183	9,412
Willow Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brookside Springs	0	0	0	0	11,510	9,830	5,130	3,400	3,740	2,800	0	0	0	36,410	36,410
Hillside Springs	3,440	4,180	2,470	5,210	2,550	0	0	0	0	0	0	0	0	14,410	17,850
Pinecrest	7,870	10,470	11,830	12,430	15,680	14,050	11,780	9,360	7,270	5,310	4,890	34,220	27,130	164,420	172,290
Pinecrest Vertical	87,560	45,680	103,930	95,570	48,930	0	96,020	113,010	47,580	109,210	83,450	97,250	92,760	933,390	1,020,950
Cypress Vertical	84,340	91,040	52,850	113,710	99,000	93,510	86,590	85,650	88,250	85,450	85,190	87,800	82,470	1,051,510	1,135,850
Anderson Vertical	8,875	400	8,545	517	97,688	120,567	107,490	11,341	6,205	0	0	0	119,791	472,544	481,419
Division 10 Totals	317,977	280,572	295,746	336,107	419,716	371,008	428,120	339,610	270,021	314,412	288,810	488,301	506,301	4,338,724	4,656,701
Division 20															
Wilson Springs #1 & 2	57,492	61,489	57,211	56,677	69,321	65,038	61,273	60,730	59,563	55,399	55,366	68,435	77,620	748,122	805,614
Wilson Vertical	100,700	109,400	80,300	45,800	96,300	114,300	111,700	112,200	110,200	109,400	78,300	1,300	54,300	1,023,500	1,124,200
Felsen Vertical	135,470	96,670	207,470	123,870	132,060	67,434	178,237	112,363	116,928	111,934	90,756	62,825	99,466	1,400,013	1,535,483
Horst	29,747	32,131	29,432	28,761	33,696	30,771	28,170	27,120	26,608	22,690	25,724	27,287	33,458	345,848	375,595
Jewell No. 64	62,581	67,728	40,156	84,564	73,993	64,965	62,466	62,939	66,528	62,680	64,069	72,455	69,505	792,048	854,629
Cathcart	19,217	20,634	18,210	17,363	20,096	18,274	16,704	15,773	15,967	12,652	17,745	23,477	26,872	223,767	242,984
Bergschrund	2,908	3,053	2,524	2,134	1,937	977	155	0	0	0	0	0	0	10,780	13,688
Chamois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chamois Vertical	31,610	34,940	32,580	30,860	37,860	34,760	26,960	34,370	34,830	33,080	32,250	34,540	30,770	397,800	429,410
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	3,905	4,171	2,416	4,621	4,944	1,155	1,322	0	0	0	0	0	0	18,629	22,534
Division 20 Totals	443,630	430,216	470,299	394,650	470,207	397,674	486,987	425,495	430,624	407,835	364,210	290,319	391,991	4,960,507	5,404,137
Total District Sources	761,607	710,788	766,045	730,757	889,923	768,682	915,107	765,105	700,645	722,247	653,020	778,620	898,292	9,299,231	10,060,838
C.L.A.W.A.															
Crest Forest 6"	299,064	350,000	327,005	305,481	392,647	369,786	338,636	438,770	419,385	399,064	394,519	393,048	255,882	4,384,223	4,683,287
Mile High Park 2"	162,032	176,190	163,342	33,864	0	0	0	0	0	0	0	0	0	373,396	535,428
Mile High Park 4"	0	0	0	118,449	254,545	339,305	287,834	268,850	233,289	231,818	180,080	173,797	160,428	2,248,395	2,248,395
Pinecrest 2"	13	0	0	89,813	0	0	0	187	0	0	0	0	0	90,000	90,013
Pinecrest 4"	581,283	692,781	555,214	270,588	1,337,433	1,449,332	1,289,171	1,212,567	1,091,444	731,016	744,786	821,658	534,626	10,730,616	11,311,899
Lake Drive 2"	0	0	0	11,070	0	102,447	5,254	0	0	0	0	0	0	118,771	118,771
Lake Drive 4"	134	0	0	28,075	0	0	0	0	0	0	0	0	0	28,075	28,209
Camp Seely	20,455	26,070	24,198	45,856	90,642	65,642	68,449	21,791	47,326	58,155	44,385	0	0	492,514	512,969
C.L.A.W.A. Totals	1,062,981	1,245,041	1,069,759	903,196	2,075,267	2,326,512	1,989,344	1,942,165	1,791,444	1,420,053	1,363,770	1,388,503	950,936	18,465,990	19,528,971
Grand Totals	1,824,588	1,955,829	1,835,804	1,633,953	2,965,190	3,095,194	2,904,451	2,707,270	2,492,089	2,142,300	2,016,790	2,167,123	1,849,228	27,765,221	29,589,809

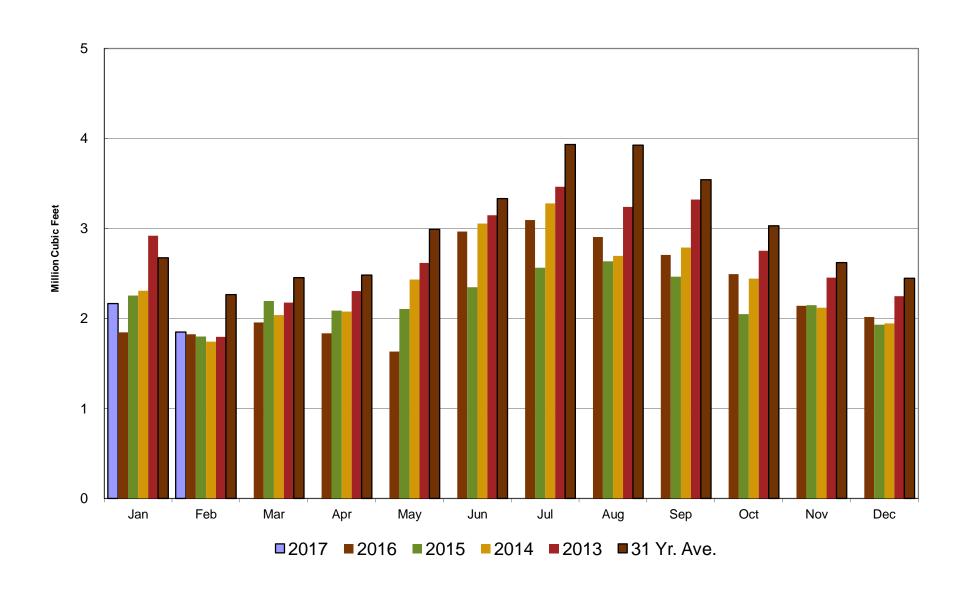
Crestline Village Water District Source of Supply Production Report Cubic Feet Last 13 Months

Source Name	<u>February</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>	November	<u>December</u>	January '17	<u>February</u>	Last 12 Months	13 Months
District Sources															
Division 10 Division 20	317,977 443,630	280,572 430,216	295,746 470,299	336,107 394,650	419,716 470,207	371,008 397,674	428,120 486,987	339,610 425,495	270,021 430,624	314,412 407,835	288,810 364,210	488,301 290,319	506,301 391,991	4,338,724 4,960,507	4,656,701 5,404,137
Total	761,607	710,788	766,045	730,757	889,923	768,682	915,107	765,105	700,645	722,247	653,020	778,620	898,292	9,299,231	10,060,838
Division 10 Division 20	41.75% 58.25%	39.47% 60.53%	38.61% 61.39%	45.99% 54.01%	47.16% 52.84%	48.27% 51.73%	46.78% 53.22%	44.39% 55.61%	38.54% 61.46%	43.53% 56.47%	44.23% 55.77%	62.71% 37.29%	56.36% 43.64%	46.66% 53.34%	46.29% 53.71%
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 C.L.A.W.A.	761,607 1,062,981	710,788 1,245,041	766,045 1,069,759	730,757 903,196	889,923 2,075,267	768,682 2,326,512	915,107 1,989,344	765,105 1,942,165	700,645 1,791,444	722,247 1,420,053	653,020 1,363,770	778,620 1,388,503	898,292 950,936	9,299,231 18,465,990	10,060,838 19,528,971
Total Sources	1,824,588	1,955,829	1,835,804	1,633,953	2,965,190	3,095,194	2,904,451	2,707,270	2,492,089	2,142,300	2,016,790	2,167,123	1,849,228	27,765,221	29,589,809
District Sources C.L.A.W.A.	41.74% 58.26%	36.34% 63.66%	41.73% 58.27%	44.72% 55.28%	30.01% 69.99%	24.83% 75.17%	31.51% 68.49%	28.26% 71.74%	28.11% 71.89%	33.71% 66.29%	32.38% 67.62%	35.93% 64.07%	48.58% 51.42%	33.49% 66.51%	34.00% 66.00%
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%

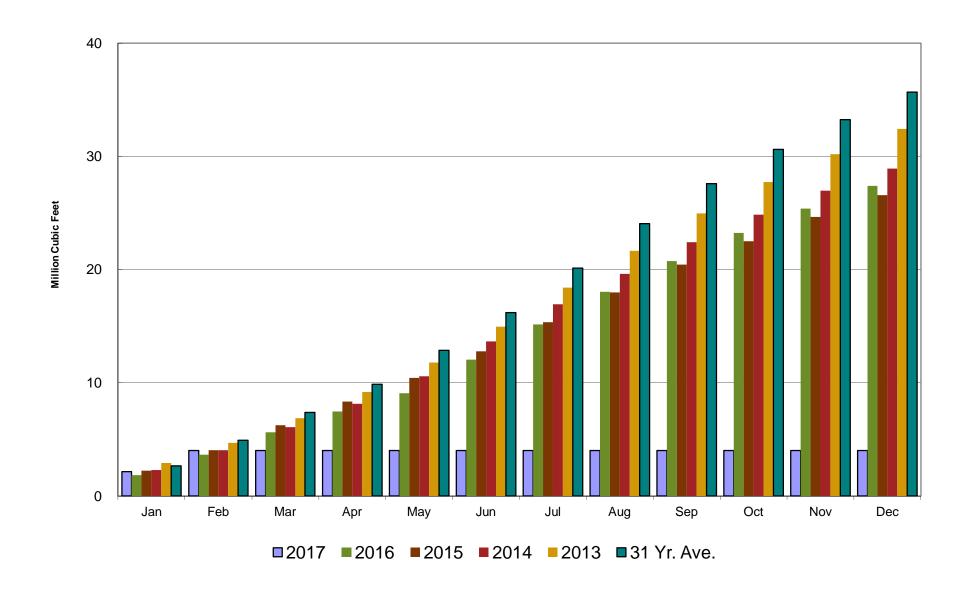
Water Sources - Last 13 Months



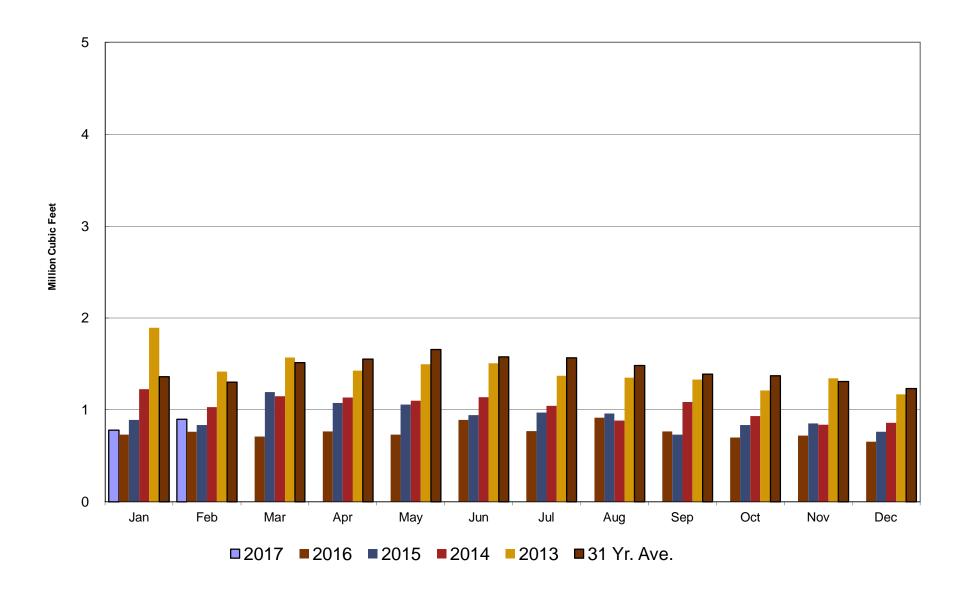
Total Production by Month



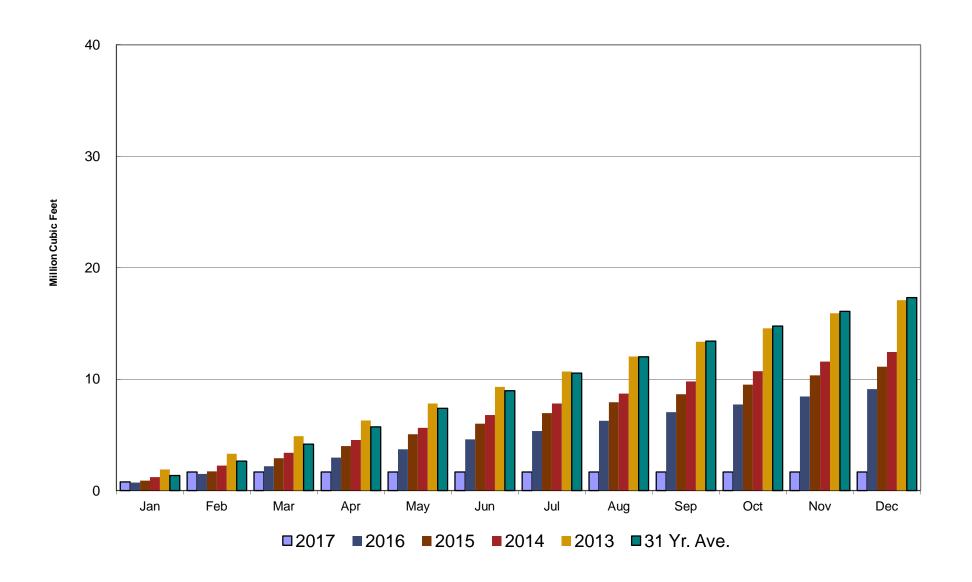
Total Production Cumulative



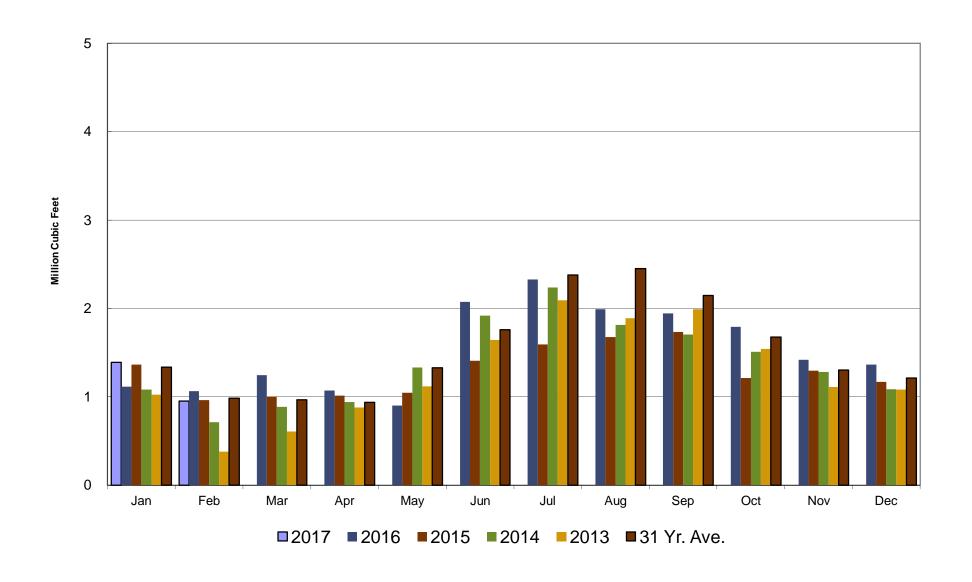
Well Production by Month



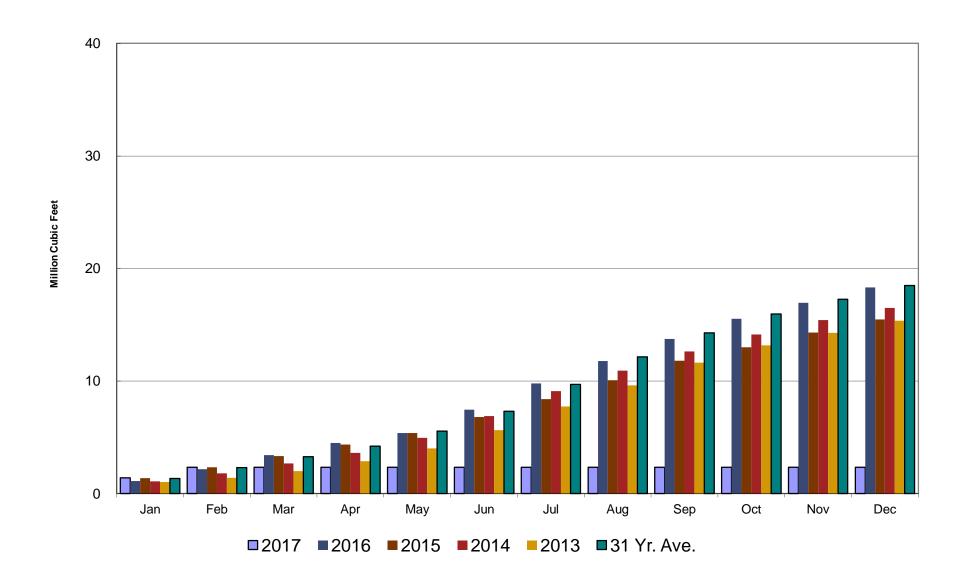
Well Production Cumulative



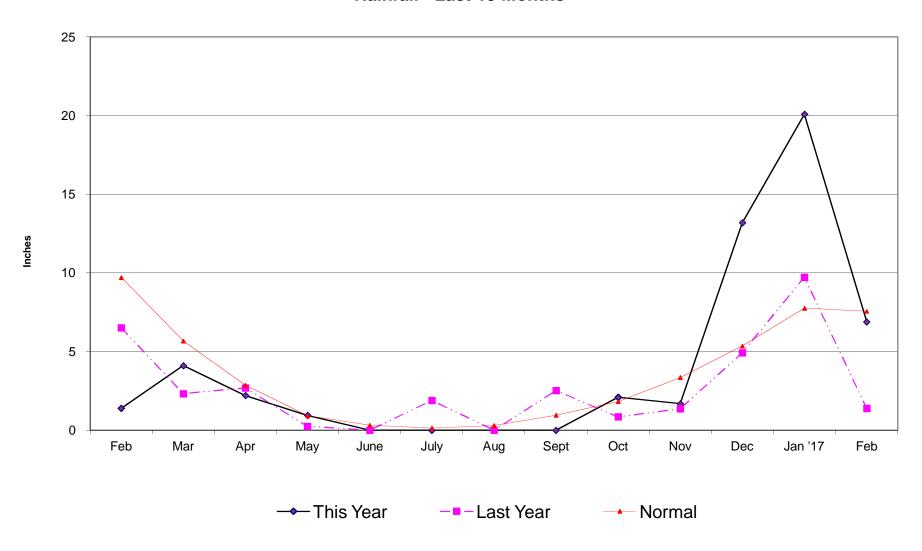
Purchased Water by Month

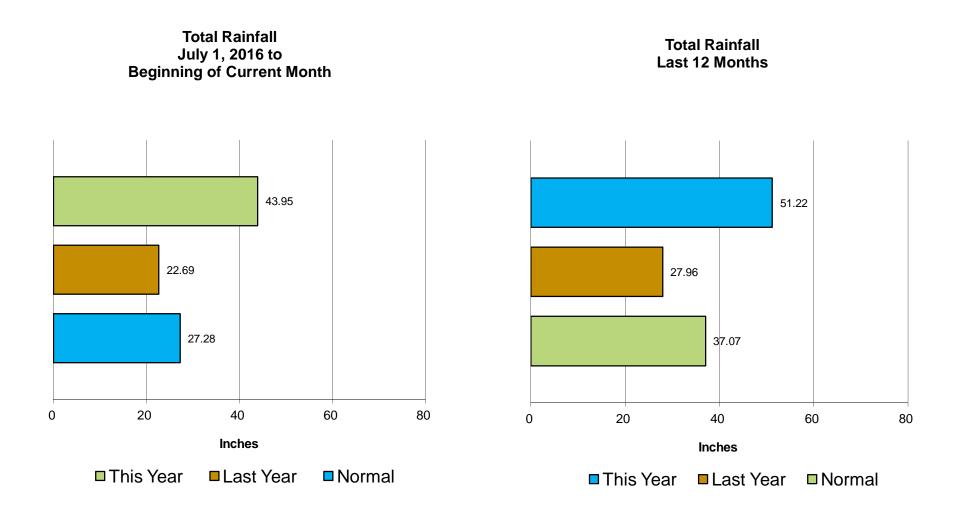


Purchased Water Cumulative

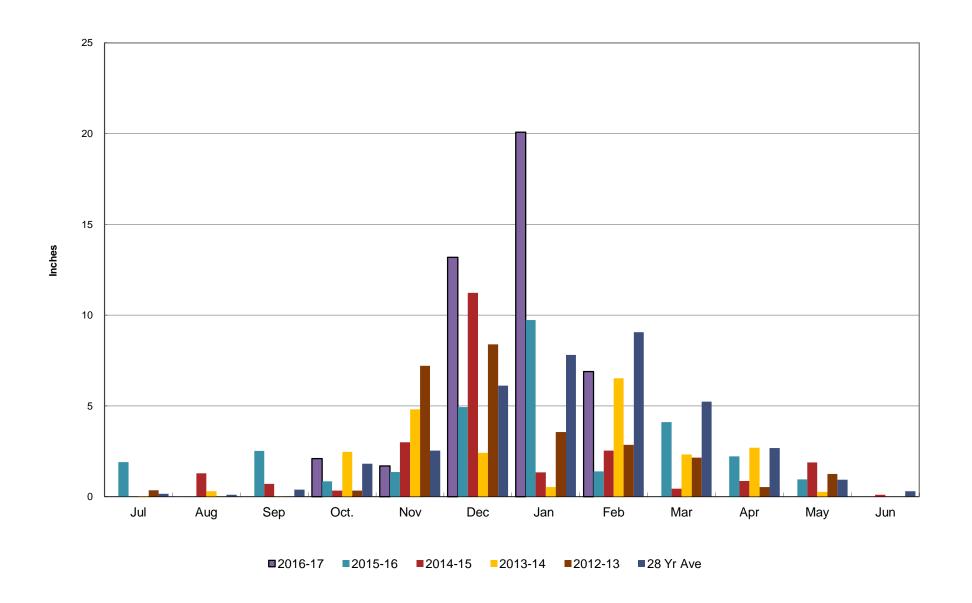


Rainfall - Last 13 Months





Rainfall by Month



Rainfall Cumulative

