

Total Water 2016

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	8.4	9.7	8.6	9.3	9.9	10.8	18.0	16.9	12.4			
2	8.7	8.2	8.3	8.9	10.2	10.5	18.3	15.9	14.1			
3	8.8	8.5	8.0	10.3	9.7	10.1	13.9	17.4	13.3			
4	9.1	8.8	8.4	11.7	10.9	9.5	14.7	17.1	14.0			
5	8.6	8.8	9.2	11.7	11.4	11.4	15.0	16.8	16.0			
6	8.6	8.4	9.2	10.0	12.3	12.7	18.3	11.7	16.0			
7	8.4	8.7	9.2	12.3	13.1	11.8	16.4	14.7	16.6			
8	8.7	9.5	8.4	11.9	11.7	13.8	17.8	14.7	16.4			
9	8.3	9.5	8.3	11.2	10.5	15.2	18.2	12.5	13.2			
10	8.4	9.3	7.2	11.3	10.3	15.6	15.5	15.2	11.3			
11	9.0	8.8	8.5	10.3	12.5	15.6	18.8	14.9	13.4			
12	8.6	9.1	6.2	10.3	11.8	14.9	15.1	15.9	14.5			
13	8.8	8.7	7.3	10.1	12.8	15.7	17.9	15.4	13.6			
14	8.4	9.0	7.7	9.6	11.8	14.8	13.6	16.9	14.7			
15	6.9	9.7	8.8	11.3	12.2	17.3	11.2	15.3	12.8			
16	7.0	9.5	8.5	9.9	11.5	19.3	16.1	15.5	12.5			
17	9.3	10.6	9.1	9.9	9.6	19.4	15.8	17.7	13.4			
18	9.2	10.1	9.2	9.5	10.1	18.7	17.0	16.4	14.0			
19	9.2	9.7	7.4	7.9	10.0	16.5	16.4	15.9	15.2			
20	7.8	10.3	9.3	8.9	10.5	17.7	17.3	13.0	15.4			
21	9.0	10.3	9.7	8.9	9.5	19.1	16.4	15.2	16.1			
22	9.1	10.2	9.7	9.7	11.9	20.5	17.7	16.4	15.8			
23	8.4	8.3	9.5	10.0	10.3	19.6	17.9	15.8	15.1			
24	8.9	8.2	9.7	10.8	9.8	16.8	17.6	16.2	14.5			
25	9.4	8.4	9.9	10.9	9.7	16.2	17.3	18.4	13.1			
26	8.6	8.5	9.3	9.5	10.2	16.3	16.5	15.2	12.5			
27	8.3	8.7	9.4	9.5	10.0	17.7	15.6	17.0	13.3			
28	9.0	9.4	9.9	10.3	10.3	18.4	16.1	17.5	13.2			
29	8.8	9.4	10.3	8.8	10.2	18.4	15.3	17.4	14.1			
30	8.5		7.7	8.9	10.8	17.5	15.5	12.4	15.0			
31	9.4		8.7		10.4		14.3	13.3				
Total:	267.6	266.3	270.6	303.6	335.9	471.8	505.5	484.6	425.5			
Verdigris + Tulsa =	269.58	266.30	272.99	304.47	335.90	476.75	541.31	527.76	426.95			
2016 % Change	-2.2%	13.4%	2.0%	10.7%	16.7%	18.2%	19.5%	20.5%	1.8%			
Daily Aver.	8.7	9.2	8.8	10.1	10.8	15.9	17.5	17.0	13.8			
Tulsa Water MG =	1.98	0.00	2.39	0.87	0.00	4.95	35.81	43.16	1.45			
Verdigris Finished Total MG: 3331.4 Daily High: 20.5 Daily Low: 6.2												

Tulsa Purchase Water MG: 90.60

Pretreatment Basin MG: 3619.3

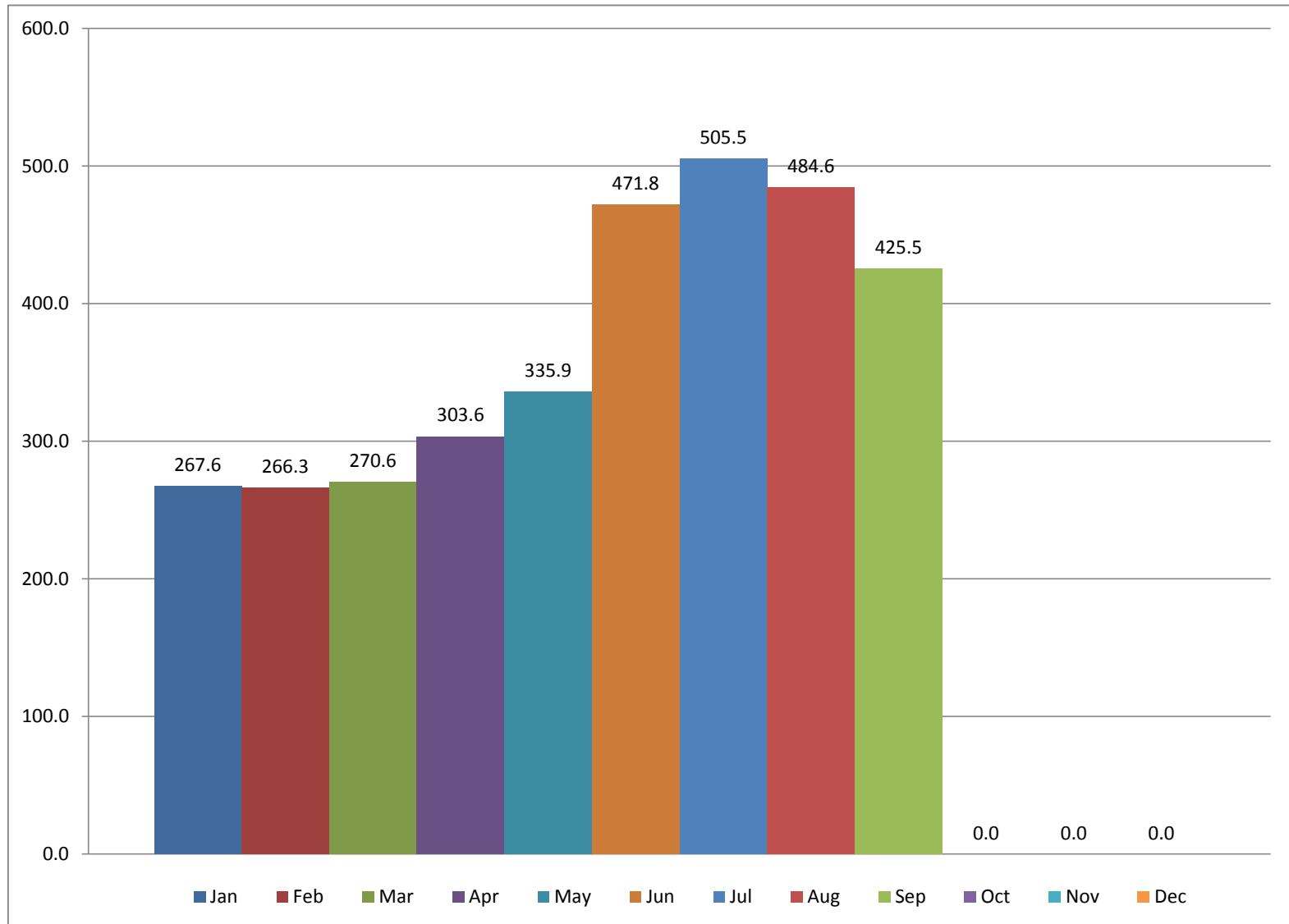
Raw Water Pump Station MG: 3286.0

Total Finished Water MG: 3422.00

Percent Change -12.7%

Increase From 2015 -495.60 MG

Total Water 2015



January				
	Raw MG	Treated MG	Recirculated MG	%
1	8.9	8.4	0.5	5.6%
2	9.2	8.7	0.5	5.4%
3	9.4	8.8	0.6	6.4%
4	10.1	9.1	1.0	9.9%
5	10.3	8.6	1.7	16.5%
6	10.1	8.6	1.5	14.9%
7	9.6	8.4	1.2	12.5%
8	9.6	8.7	0.9	9.4%
9	9.2	8.3	0.9	9.8%
10	9.0	8.4	0.6	6.7%
11	10.0	9.0	1.0	10.0%
12	10.3	8.6	1.7	16.5%
13	10.1	8.8	1.3	12.9%
14	8.7	8.4	0.3	3.4%
15	8.1	6.9	1.2	14.8%
16	6.7	7.0	-0.3	-4.5%
17	9.3	9.3	0.0	0.0%
18	10.3	9.2	1.1	10.7%
19	12.4	9.2	3.2	25.8%
20	6.5	7.8	-1.3	-20.0%
21	10.3	9.0	1.3	12.6%
22	10.2	9.1	1.1	10.8%
23	9.5	8.4	1.1	11.6%
24	10.3	8.9	1.4	13.6%
25	9.9	9.4	0.5	5.1%
26	10.0	8.6	1.4	14.0%
27	10.0	8.3	1.7	17.0%
28	10.4	9.0	1.4	13.5%
29	9.7	8.8	0.9	9.3%
30	9.0	8.5	0.5	5.6%
31	9.7	9.4	0.3	3.1%
Average	9.6	8.6	0.9	9.1%
Total	296.8	267.6	29.2	

February			
	Raw MG	Treated MG	Recirculated MG
1	12.2	9.7	2.5
2	8.3	8.2	0.1
3	9.9	8.5	1.4
4	9.3	8.8	0.5
5	9.0	8.8	0.2
6	9.5	8.4	1.1
7	9.5	8.7	0.8
8	10.2	9.5	0.7
9	11.4	9.5	1.9
10	10.7	9.3	1.4
11	10.4	8.8	1.6
12	9.8	9.1	0.7
13	8.9	8.7	0.2
14	9.4	9.0	0.4
15	8.8	9.7	-0.9
16	11.3	9.5	1.8
17	14.0	10.6	3.4
18	11.4	10.1	1.3
19	10.3	9.7	0.6
20	10.5	10.3	0.2
21	10.9	10.3	0.6
22	11.1	10.2	0.9
23	10.1	8.3	1.8
24	9.5	8.2	1.3
25	9.4	8.4	1.0
26	9.7	8.5	1.2
27	9.6	8.7	0.9
28	10.2	9.4	0.8
29	10.1	9.4	0.7
30			
31			
Average	10.2	9.2	1.0
Total	295.4	266.3	29.1

May				
	Raw MG	Treated MG	Recirculated MG	%
1	10.7	9.9	0.8	7.5%
2	11.3	10.2	1.1	9.7%
3	10.8	9.7	1.1	10.2%
4	12.4	10.9	1.5	12.1%

June			
	Raw MG	Treated MG	Recirculated MG
1	12.5	10.8	1.7
2	11.1	10.5	0.6
3	11.7	10.1	1.6
4	9.9	9.5	0.4

5	12.9	11.4	1.5	11.6%
6	13.9	12.3	1.6	11.5%
7	14.0	13.1	0.9	6.4%
8	13.4	11.7	1.7	12.7%
9	11.2	10.5	0.7	6.2%
10	10.6	10.3	0.3	2.8%
11	13.6	12.5	1.1	8.1%
12	14.2	11.8	2.4	16.9%
13	13.2	12.8	0.4	3.0%
14	13.4	11.8	1.6	11.9%
15	13.0	12.2	0.8	6.2%
16	12.6	11.5	1.1	8.7%
17	10.4	9.6	0.8	7.7%
18	10.0	10.1	-0.1	-1.0%
19	12.9	10.0	2.9	22.5%
20	11.7	10.5	1.2	10.3%
21	10.8	9.5	1.3	12.0%
22	12.1	11.9	0.2	1.7%
23	11.9	10.3	1.6	13.4%
24	10.4	9.8	0.6	5.8%
25	11.0	9.7	1.3	11.8%
26	11.3	10.2	1.1	9.7%
27	10.5	10.0	0.5	4.8%
28	12.2	10.3	1.9	15.6%
29	11.1	10.2	0.9	8.1%
30	11.6	10.8	0.8	6.9%
31	11.6	10.4	1.2	10.3%
Average	12.0	10.8	1.1	9.2%
Total	370.7	335.9	34.8	

5	12.4	11.4	1.0
6	13.3	12.7	0.6
7	13.3	11.8	1.5
8	14.4	13.8	0.6
9	16.6	15.2	1.4
10	18.1	15.6	2.5
11	17.6	15.6	2.0
12	16.6	14.9	1.7
13	18.0	15.7	2.3
14	15.6	14.8	0.8
15	18.9	17.3	1.6
16	20.1	19.3	0.8
17	21.5	19.4	2.1
18	20.6	18.7	1.9
19	18.4	16.5	1.9
20	19.2	17.7	1.5
21	20.9	19.1	1.8
22	20.7	20.5	0.2
23	22.0	19.6	2.4
24	19.2	16.8	2.4
25	18.2	16.2	2.0
26	17.7	16.3	1.4
27	19.2	17.7	1.5
28	19.5	18.4	1.1
29	19.7	18.4	1.3
30	19.6	17.5	2.1
31			
Average	17.2	15.7	1.5
Total	516.5	471.8	44.7

September				
	Raw MG	Treated MG	Recirculated MG	%
1	12.5	12.4	0.1	0.8%
2	15.7	14.1	1.6	10.2%
3	15.0	13.3	1.7	11.3%
4	15.3	14.0	1.3	8.5%
5	16.7	16.0	0.7	4.2%
6	17.4	16.0	1.4	8.0%
7	14.9	16.6	-1.7	-11.4%
8	18.0	16.4	1.6	8.9%
9	14.6	13.2	1.4	9.6%
10	13.2	11.3	1.9	14.4%
11	14.3	13.4	0.9	6.3%
12	14.9	14.5	0.4	2.7%

October			
	Raw MG	Treated MG	Recirculated MG
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

13	15.6	13.6	2.0	12.8%
14	15.1	14.7	0.4	2.6%
15	14.7	12.8	1.9	12.9%
16	13.0	12.5	0.5	3.8%
17	14.3	13.4	0.9	6.3%
18	14.6	14.0	0.6	4.1%
19	16.0	15.2	0.8	5.0%
20	16.2	15.4	0.8	4.9%
21	17.0	16.1	0.9	5.3%
22	17.2	15.8	1.4	8.1%
23	16.2	15.1	1.1	6.8%
24	16.1	14.5	1.6	9.9%
25	14.3	13.1	1.2	8.4%
26	13.5	12.5	1.0	7.4%
27	14.2	13.3	0.9	6.3%
28	14.3	13.2	1.1	7.7%
29	14.9	14.1	0.8	5.4%
30	15.3	15.0	0.3	2.0%
31				
Average	15.2	14.2	1.0	6.4%
Total	455.0	425.5	29.5	

13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
Average	#DIV/0!	#DIV/0!	#DIV/0!
Total	0.0	0.0	#DIV/0!

%
20.5%
1.2%
14.1%
5.4%
2.2%
11.6%
8.4%
6.9%
16.7%
13.1%
15.4%
7.1%
2.2%
4.3%
-10.2%
15.9%
24.3%
11.4%
5.8%
1.9%
5.5%
8.1%
17.8%
13.7%
10.6%
12.4%
9.4%
7.8%
6.9%
9.3%

March				
	Raw MG	Treated MG	Recirculated MG	%
1	10.1	8.6	1.5	14.9%
2	9.8	8.3	1.5	15.3%
3	9.1	8.0	1.1	12.1%
4	9.1	8.4	0.7	7.7%
5	10.0	9.2	0.8	8.0%
6	10.0	9.2	0.8	8.0%
7	10.0	9.2	0.8	8.0%
8	10.0	8.4	1.6	16.0%
9	9.8	8.3	1.5	15.3%
10	8.0	7.2	0.8	10.0%
11	9.8	8.5	1.3	13.3%
12	7.5	6.2	1.3	17.3%
13	6.9	7.3	-0.4	-5.8%
14	8.9	7.7	1.2	13.5%
15	10.2	8.8	1.4	13.7%
16	9.8	8.5	1.3	13.3%
17	10.2	9.1	1.1	10.8%
18	10.5	9.2	1.3	12.4%
19	8.5	7.4	1.1	12.9%
20	10.5	9.3	1.2	11.4%
21	10.5	9.7	0.8	7.6%
22	10.6	9.7	0.9	8.5%
23	10.7	9.5	1.2	11.2%
24	11.0	9.7	1.3	11.8%
25	10.8	9.9	0.9	8.3%
26	11.0	9.3	1.7	15.5%
27	10.6	9.4	1.2	11.3%
28	11.2	9.9	1.3	11.6%
29	12.0	10.3	1.7	14.2%
30	8.2	7.7	0.5	6.1%
31	9.0	8.7	0.3	3.3%
Average	9.8	8.7	1.1	10.9%
Total	304.3	270.6	33.7	

	Raw MG
1	9.7
2	10.5
3	11.2
4	12.6
5	13.7
6	10.9
7	15.1
8	12.5
9	12.5
10	12.6
11	11.3
12	11.5
13	11.8
14	10.4
15	12.3
16	11.0
17	11.0
18	10.6
19	9.9
20	9.8
21	10.1
22	10.3
23	12.0
24	11.8
25	12.1
26	10.6
27	10.6
28	11.2
29	10.4
30	10.3
31	
Average	11.3
Total	340.3

%
13.6%
5.4%
13.7%
4.0%

July				
	Raw MG	Treated MG	Recirculated MG	%
1	19.6	18.0	1.6	8.2%
2	18.7	18.3	0.4	2.1%
3	15.5	13.9	1.6	10.3%
4	15.8	14.7	1.1	7.0%

	Raw MG
1	17.6
2	16.9
3	17.9
4	18.3

8.1%
4.5%
11.3%
4.2%
8.4%
13.8%
11.4%
10.2%
12.8%
5.1%
8.5%
4.0%
9.8%
9.2%
10.3%
7.8%
8.6%
1.0%
10.9%
12.5%
11.0%
7.9%
7.8%
5.6%
6.6%
10.7%
8.6%

5	16.0	15.0	1.0	6.3%
6	18.5	18.3	0.2	1.1%
7	17.8	16.4	1.4	7.9%
8	17.7	17.8	-0.1	-0.6%
9	18.1	18.2	-0.1	-0.6%
10	17.5	15.5	2.0	11.4%
11	19.0	18.8	0.2	1.1%
12	16.3	15.1	1.2	7.4%
13	18.6	17.9	0.7	3.8%
14	14.5	13.6	0.9	6.2%
15	12.2	11.2	1.0	8.2%
16	17.2	16.1	1.1	6.4%
17	15.2	15.8	-0.6	-3.9%
18	17.9	17.0	0.9	5.0%
19	18.1	16.4	1.7	9.4%
20	18.1	17.3	0.8	4.4%
21	17.2	16.4	0.8	4.7%
22	18.2	17.7	0.5	2.7%
23	18.7	17.9	0.8	4.3%
24	18.9	17.6	1.3	6.9%
25	17.8	17.3	0.5	2.8%
26	17.5	16.5	1.0	5.7%
27	16.2	15.6	0.6	3.7%
28	16.9	16.1	0.8	4.7%
29	16.1	15.3	0.8	5.0%
30	16.2	15.5	0.7	4.3%
31	15.0	14.3	0.7	4.7%
Average	17.1	16.3	0.8	4.9%
Total	531.0	505.5	25.5	

5	17.1
6	12.9
7	15.4
8	15.4
9	13.5
10	16.1
11	15.7
12	16.9
13	16.4
14	17.3
15	16.3
16	16.3
17	18.2
18	17.2
19	16.7
20	14
21	15.7
22	17.2
23	16.6
24	16.8
25	18.9
26	16.0
27	17.7
28	18.1
29	18.8
30	13.1
31	14.3
Average	16.4
Total	509.3

%

November				
	Raw MG	Treated MG	Recirculated MG	%
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

	Raw MG
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	

April

Treated MG	Recirculated MG	%
9.3	0.4	4.1%
8.9	1.6	15.2%
10.3	0.9	8.0%
11.7	0.9	7.1%
11.7	2.0	14.6%
10.0	0.9	8.3%
12.3	2.8	18.5%
11.9	0.6	4.8%
11.2	1.3	10.4%
11.3	1.3	10.3%
10.3	1.0	8.8%
10.3	1.2	10.4%
10.1	1.7	14.4%
9.6	0.8	7.7%
11.3	1.0	8.1%
9.9	1.1	10.0%
9.9	1.1	10.0%
9.5	1.1	10.4%
7.9	2.0	20.2%
8.9	0.9	9.2%
8.9	1.2	11.9%
9.7	0.6	5.8%
10.0	2.0	16.7%
10.8	1.0	8.5%
10.9	1.2	9.9%
9.5	1.1	10.4%
9.5	1.1	10.4%
10.3	0.9	8.0%
8.8	1.6	15.4%
8.9	1.4	13.6%
10.1	1.2	10.7%
303.6	36.7	

August

Treated MG	Recirculated MG	%
16.9	0.7	4.0%
15.9	1.0	5.9%
17.4	0.5	2.8%
17.1	1.2	6.6%

#DIV/0!	#DIV/0!	#DIV/0!
0.0	#DIV/0!	

2015

Jan 273.5	Feb 234.9	Mar 265.2	Apr 274.2	May 287.8	Jun 399.1
Jul 422.9	Aug 402.0	Sep 417.9	Oct 397.8	Nov 278.4	Dec 263.9

Total Water 2015 3917.60

Estimated Pumpage

Total River Water 2016

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	11.5	3.3	0.0	10.8	11.5	16.7	21.3	10.8	18.7			
2	11.3	0.0	0.0	0.0	11.5	20.1	20.9	10.6	11.1			
3	11.1	6.5	8.1	0.0	11.4	10.9	18.4	21.1	10.8			
4	0.0	11.5	11.5	0.0	11.4	10.8	10.2	21.0	10.8			
5	0.0	11.5	11.6	8.2	11.4	10.8	10.4	19.9	10.8			
6	0.0	11.5	11.5	11.7	11.5	11.0	11.0	20.2	10.9			
7	0.0	11.5	11.5	15.1	11.6	10.7	16.1	10.8	10.9			
8	5.0	11.4	11.5	22.1	11.3	11.0	20.7	11.1	18.8			
9	16.2	11.5	11.4	11.4	11.4	11.1	20.7	10.8	19.2			
10	17.1	11.4	11.4	11.5	11.3	10.9	20.5	11.1	20.8			
11	11.5	0.0	11.4	11.4	11.3	16.8	20.8	10.8	20.4			
12	11.5	0.0	11.4	11.4	11.4	20.7	20.1	11.2	10.7			
13	11.4	0.0	1.1	11.5	11.3	21.0	14.2	18.0	11.1			
14	11.3	8.6	0.0	11.4	11.5	20.7	5.8	20.3	11.0			
15	11.6	11.5	0.0	11.7	11.3	10.8	10.8	19.7	11.1			
16	0.0	11.5	0.0	11.3	16.0	11.4	11.2	19.5	11.1			
17	0.0	11.6	11.0	11.5	14.6	11.4	14.3	20.9	11.2			
18	4.5	11.4	10.9	11.5	11.1	21.9	19.8	19.8	10.8			
19	11.8	11.5	12.4	10.9	11.3	20.9	20.7	11.8	11.0			
20	11.4	11.5	11.6	6.2	11.2	20.4	20.1	10.6	20.3			
21	11.4	11.5	11.6	0.0	11.2	21.4	20.3	10.9	20.4			
22	11.5	11.4	11.6	0.0	11.3	23.8	20.1	11.0	20.5			
23	11.5	11.5	11.6	0.0	11.2	27.1	17.8	20.8	19.7			
24	11.4	11.5	11.5	7.6	11.2	19.7	10.6	19.5	10.8			
25	0.0	11.4	11.6	11.4	0.6	20.9	10.6	21.3	10.6			
26	0.0	11.5	11.5	11.6	0.0	16.4	14.7	18.8	10.8			
27	3.0	11.5	11.6	11.4	0.0	10.7	21.0	13.4	11.1			
28	16.4	0.0	11.5	11.3	6.2	10.7	20.3	10.2	11.0			
29	17.7	0.0	11.5	11.3	11.2	15.1	20.1	10.9	11.0			
30	11.4		11.5	11.3	10.9	20.7	13.5	19.6	15.8			
31	11.4		11.5		11.2		10.6	20.3				
Total:	262.9	248.0	285.3	275.5	320.3	486.5	507.6	486.7	413.2			
Daily Aver.	8.5	8.6	9.2	9.2	10.3	16.2	16.4	15.7	13.8			

Raw Water Pump Station MG: **3286.00**

Daily High: **27.1**