

**IMPROVEMENT DISTRICT NO. 97
Clear Creek Aesthetic Flow Maintenance**

G A G E R E A D I N G S

2 0 0 6

Reading Date	Gage Reading in Feet	Corresponding Flow in CFS	Release from Jenkinson Lake in CFS
1/5/2006	[1]	[1]	0
1/12/2006	0.86	7.21	0
1/19/2006	1.80	> 8.5	0
1/26/2006	0.97	> 8.5	0
2/2/2006	1.32	> 8.5	0
2/5/2006	1.12	> 8.5	0
2/9/2006	0.94	> 8.5	0
2/16/2006	0.82	5.36	0
2/28/2006	0.76	3.34	0
3/10/2006	1.28	> 8.5	0
3/16/2006	1.70	> 8.5	0
3/23/2006	1.14	> 8.5	0
3/30/2006	3.10	> 8.5	0
4/6/2006	1.80	> 8.5	0
4/13/2006	1.40	> 8.5	0
4/16/2006	1.90	> 8.5	0
4/20/2006	3.10	> 8.5	0
4/27/2006	1.00	> 8.5	0
5/6/2006	0.88	> 8.5	0
5/11/2006	0.82	5.36	0
5/15/2006	0.78	4.10	0

[1] The gage was damaged (bent over) from the storm so a reading was not available. Flows were still very high.

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5/18/2006	0.77	3.70	0
5/28/2006	0.76	3.34	0
5/29/2006	0.75	3.18	0
5/30/2006	0.74	3.02	0
6/1/2006	0.71	2.58	0
6/2/2006	0.74	3.02	0.5
6/4/2006	0.72	2.72	0.5
6/8/2006	0.72	2.72	0.8
6/11/2006	0.72	2.72	1.1
6/18/2006	0.74	3.02	1.4
6/22/2006	0.82	5.36	1.0
6/25/2006	0.78	4.10	0.0
6/29/2006	0.87	7.83 ^[2]	2.0
7/2/2006	0.85	6.64	2.0
7/6/2006	0.86	7.21	2.0
7/13/2006	0.87	7.83	2.0
7/20/2006	0.76	3.63	2.0
7/27/2006	0.74	3.02	2.0
8/3/2006	0.74	3.02	2.0
8/10/2006	0.74	3.02	2.0
8/17/2006	0.77	3.70 ^[2]	3.0

[2] Additional water was being released to serve the Clear Creek Segment of the Crawford Ditch during repairs.

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Reading Date	Gage Reading in Feet	Corresponding Flow in CFS	Release from Jenkinson Lake in CFS
8/24/2006	0.77	3.70	3.0
8/31/2006	0.76	3.34	3.0
9/7/2006	0.75	3.18	3.0
9/14/2006	0.76	3.34	3.0
9/21/2006	0.76	3.34	3.0
9/28/2006	0.76	3.34	3.0
10/5/2006	0.79	4.39	3.0
10/12/2006	0.80	4.70	3.0
10/15/2006	0.74	3.02	2.0
10/19/2006	0.82	5.36	3.0
10/26/2006	0.76	3.34	2.0
11/2/2006	0.78	4.10	2.0
11/9/2006	0.77	3.70	2.0
11/16/2006	0.78	4.10	2.0
11/23/2006	0.79	4.39	2.0
12/7/2006	0.72	2.72	1.0
12/14/2006	0.85	6.64	1.0
12/21/2006	0.82	5.36	0.0
12/28/2006	0.82	5.36	0.0

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G A G E R A T I N G T A B L E										
ALL FLOWS IN CFS										
Gage Height in Feet	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
0.5	NR	NR	NR	NR	NR	NR	1.00	1.07	1.15	1.23
0.6	1.32	1.41	1.50	1.58	1.66	1.78	1.90	2.03	2.16	2.30
0.7	2.45	2.58	2.72	2.87	3.02	3.18	3.34	3.70	4.10	4.39
0.8	4.70	5.02	5.36	5.72	6.10	6.64	7.21	7.83	8.50	> 8.5

NR = Not Rated

CFS = Cubic Feet per Second, 1 CFS yields approximately 2 acre-feet per day

AF = An acre-foot of water would cover one acre of land one foot deep.