

Analysis of Watermaster Records for April 2003

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Lower Diversion			Upper Diversion	Total Diversions at Both Points of Diversion					Breakdown of Diverted Water by Sources of Water and by Diversion Point						
										Surplus Under Permit		Other Surplus Water		Stored Water		
Date	Total Diversion (cfs)	Estimated Licensed Spring Flow (cfs)	Diversion of Stored and Surplus Water (cfs)	Total Diversion (cfs)	Release of Stored Water to River (cfs)	Total Diversion of Stored and Surplus Water (cfs)	Total Diversion of Stored Water (cfs)	Total Diversion of Surplus Water (cfs)	Percent of Diversions from Surplus Water	Lower Diversion (cfs)	Upper Diversion (cfs)	Lower Diversion (cfs)	Upper Diversion (cfs)	Lower Diversion (cfs)	Upper Diversion (cfs)	
4/1/2003		2.0	0.0			0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
4/2/2003		2.0	0.0			0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
4/3/2003		2.0	0.0			0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
4/4/2003		2.0	0.0			0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
4/5/2003		2.0	0.0			0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
4/6/2003		2.0	0.0			0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
4/7/2003		2.0	0.0			0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
4/8/2003		2.0	0.0			0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
4/9/2003		2.0	0.0			0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
4/10/2003		2.0	0.0			0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
4/11/2003		2.0	0.0			0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
4/12/2003	1.9	2.0	0.0	2.3	0.0	2.3	0.0	2.3	100%	0.0	2.3	0.0	0.0	0.0	0.0	
4/13/2003	3.8	2.0	1.8	4.6	0.0	6.4	0.0	6.4	100%	1.8	4.6	0.0	0.0	0.0	0.0	
4/14/2003	3.8	2.0	1.8	4.6	0.0	6.4	0.0	6.4	100%	1.8	4.6	0.0	0.0	0.0	0.0	
4/15/2003	3.8	2.0	1.8	4.6	0.0	6.4	0.0	6.4	100%	1.8	4.6	0.0	0.0	0.0	0.0	
4/16/2003	3.8	2.0	1.8	4.6	0.0	6.4	0.0	6.4	100%	1.8	4.6	0.0	0.0	0.0	0.0	
4/17/2003	3.8	2.0	1.8	4.6	0.0	6.4	0.0	6.4	100%	1.8	4.6	0.0	0.0	0.0	0.0	
4/18/2003	3.8	2.0	1.8	4.6	0.0	6.4	0.0	6.4	100%	1.8	4.6	0.0	0.0	0.0	0.0	
4/19/2003	3.8	2.0	1.8	4.6	0.0	6.4	0.0	6.4	100%	1.8	4.6	0.0	0.0	0.0	0.0	
4/20/2003	3.8	2.0	1.8	4.6	0.0	6.4	0.0	6.4	100%	1.8	4.6	0.0	0.0	0.0	0.0	
4/21/2003	5.6	2.0	3.6	4.6	0.0	8.2	0.0	8.2	100%	3.6	4.6	0.0	0.0	0.0	0.0	
4/22/2003	7.8	2.0	5.8	4.6	0.0	10.4	0.0	10.4	100%	5.8	4.6	0.0	0.0	0.0	0.0	
4/23/2003	7.8	2.0	5.8	4.6	0.0	10.4	0.0	10.4	100%	5.8	4.6	0.0	0.0	0.0	0.0	
4/24/2003	7.8	2.0	5.8	4.6	0.0	10.4	0.0	10.4	100%	5.8	4.6	0.0	0.0	0.0	0.0	
4/25/2003	7.8	2.0	5.8	4.6	0.0	10.4	0.0	10.4	100%	5.8	4.6	0.0	0.0	0.0	0.0	
4/26/2003	7.8	2.0	5.8	4.6	0.0	10.4	0.0	10.4	100%	5.8	4.6	0.0	0.0	0.0	0.0	
4/27/2003	7.8	2.0	5.8	4.6	0.0	10.4	0.0	10.4	100%	5.8	4.6	0.0	0.0	0.0	0.0	
4/28/2003	7.8	2.0	5.8	4.6	0.0	10.4	0.0	10.4	100%	5.8	4.6	0.0	0.0	0.0	0.0	
4/29/2003	7.8	2.0	5.8	4.6	0.0	10.4	0.0	10.4	100%	5.8	4.6	0.0	0.0	0.0	0.0	
4/30/2003	5.2	2.0	3.2	2.3	0.0	5.5	0.0	5.5	100%	3.2	2.3	0.0	0.0	0.0	0.0	

Total (cfs)	105.5	60.0	67.6	82.8	0.0	150.4	0.0	150.4		67.6	82.8	0.0	0.0	0.0	0.0
Total (AF)	209.3	119.0	134.1	164.2	0.0	298.3	0.0	298.3		134.1	164.2	0.0	0.0	0.0	0.0
Cumulative Total (AF)	209.3	119.0	134.1	164.2	0.0	298.3	0.0	298.3		134.1	164.2	0.0	0.0	0.0	0.0
Permit Amount (AF)										800.0	400.0				

Analysis of Watermaster Records for May 2003

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Lower Diversion			Upper Diversion	Total Diversions at Both Points of Diversion					Breakdown of Diverted Water by Sources of Water and by Diversion Point						
										Surplus Under Permit		Other Surplus Water		Stored Water		
Date	Total Diversion (cfs)	Estimated Licensed Spring Flow (cfs)	Diversion of Stored and Surplus Water (cfs)	Total Diversion (cfs)	Release of Stored Water to River (cfs)	Total Diversion of Stored and Surplus Water (cfs)	Total Diversion of Stored Water (cfs)	Total Diversion of Surplus Water (cfs)	Percent of Diversions from Surplus Water	Lower Diversion (cfs)	Upper Diversion (cfs)	Lower Diversion (cfs)	Upper Diversion (cfs)	Lower Diversion (cfs)	Upper Diversion (cfs)	
5/1/2003	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
5/2/2003	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
5/3/2003	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
5/4/2003	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
5/5/2003	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
5/6/2003	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
5/7/2003	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
5/8/2003	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
5/9/2003	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
5/10/2003	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
5/11/2003	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
5/12/2003	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
5/13/2003	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
5/14/2003	0.0	2.0	0.0	5.2	0.0	5.2	0.0	5.2	100%	0.0	0.0	0.0	0.0	0.0	0.0	
5/15/2003	0.0	2.0	0.0	5.7	0.0	5.7	0.0	5.7	100%	0.0	5.0	0.0	0.2	0.0	0.0	
5/16/2003	0.0	2.0	0.0	5.4	0.0	5.4	0.0	5.4	100%	0.0	5.0	0.0	0.4	0.0	0.0	
5/17/2003	0.0	2.0	0.0	5.1	0.0	5.1	0.0	5.1	100%	0.0	5.0	0.0	0.1	0.0	0.0	
5/18/2003	0.0	2.0	0.0	5.1	0.0	5.1	0.0	5.1	100%	0.0	5.0	0.0	0.1	0.0	0.0	
5/19/2003	8.0	2.0	6.0	5.1	0.0	11.1	0.0	11.1	100%	6.0	5.0	0.0	0.1	0.0	0.0	
5/20/2003	5.2	2.0	3.2	4.6	0.0	7.8	0.0	7.8	100%	3.2	4.6	0.0	0.0	0.0	0.0	
5/21/2003	5.2	2.0	3.2	5.1	0.0	8.3	0.0	8.3	100%	3.2	5.0	0.0	0.1	0.0	0.0	
5/22/2003	5.2	2.0	3.2	5.7	0.0	8.9	0.0	8.9	100%	3.2	5.0	0.0	0.7	0.0	0.0	
5/23/2003	4.6	2.0	2.6	5.8	0.0	8.4	0.0	8.4	100%	2.6	5.0	0.0	0.8	0.0	0.0	
5/24/2003	5.3	2.0	3.3	5.7	0.0	9.0	0.0	9.0	100%	3.3	5.0	0.0	0.7	0.0	0.0	
5/25/2003	8.0	2.0	6.0	5.2	0.0	11.2	0.0	11.2	100%	6.0	5.0	0.0	0.2	0.0	0.0	
5/26/2003	8.0	2.0	6.0	5.1	0.0	11.1	0.0	11.1	100%	6.0	5.0	0.0	0.1	0.0	0.0	
5/27/2003	8.0	2.0	6.0	5.1	0.0	11.1	0.0	11.1	100%	6.0	5.0	0.0	0.1	0.0	0.0	
5/28/2003	8.0	2.0	6.0	5.1	0.0	11.1	0.0	11.1	100%	6.0	5.0	0.0	0.1	0.0	0.0	
5/29/2003	8.0	2.0	6.0	5.1	0.0	11.1	0.0	11.1	100%	6.0	5.0	0.0	0.1	0.0	0.0	
5/30/2003	8.0	2.0	6.0	4.8	0.0	10.8	0.0	10.8	100%	6.0	4.8	0.0	0.0	0.0	0.0	
5/31/2003	8.0	2.0	6.0	4.6	0.0	10.6	0.0	10.6	100%	6.0	4.6	0.0	0.0	0.0	0.0	

Total (cfs)	89.5	62.0	63.5	93.5	0.0	157.0	0.0	157.0		63.5	89.0	0.0	4.5	0.0	0.0
Total (AF)	177.5	123.0	126.0	185.5	0.0	311.4	0.0	311.4		126.0	176.5	0.0	8.9	0.0	0.0
Cumulative Total (AF)	386.8	242.0	260.0	349.7	0.0	609.7	0.0	609.7		260.0	340.8	0.0	8.9	0.0	0.0
Permit Amount (AF)										800.0	400.0				

Analysis of Watermaster Records for June 2003

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Lower Diversion			Upper Diversion	Total Diversions at Both Points of Diversion						Breakdown of Diverted Water by Sources of Water and by Diversion Point					
											Surplus Under Permit		Other Surplus Water		Stored Water	
Date	Total Diversion (cfs)	Estimated Licensed Spring Flow (cfs)	Diversion of Stored and Surplus Water (cfs)	Total Diversion (cfs)	Release of Stored Water to River (cfs)	Total Diversion of Stored and Surplus Water (cfs)	Total Diversion of Stored Water (cfs)	Total Diversion of Surplus Water (cfs)	Percent of Diversions from Surplus Water	Lower Diversion (cfs)	Upper Diversion (cfs)	Lower Diversion (cfs)	Upper Diversion (cfs)	Lower Diversion (cfs)	Upper Diversion (cfs)	
6/1/2003	8.0	2.0	6.0	4.6	0.0	10.6	0.0	10.6	100%	6.0	4.6	0.0	0.0	0.0	0.0	
6/2/2003	8.0	2.0	6.0	4.6	0.0	10.6	0.0	10.6	100%	6.0	4.6	0.0	0.0	0.0	0.0	
6/3/2003	8.0	2.0	6.0	4.6	0.0	10.6	0.0	10.6	100%	6.0	4.6	0.0	0.0	0.0	0.0	
6/4/2003	8.0	2.0	6.0	4.4	0.0	10.4	0.0	10.4	100%	6.0	4.4	0.0	0.0	0.0	0.0	
6/5/2003	8.0	2.0	6.0	4.4	0.0	10.4	0.0	10.4	100%	6.0	4.4	0.0	0.0	0.0	0.0	
6/6/2003	8.0	2.0	6.0	4.6	0.0	10.6	0.0	10.6	100%	6.0	4.6	0.0	0.0	0.0	0.0	
6/7/2003	8.0	2.0	6.0	4.1	0.0	10.1	0.0	10.1	100%	6.0	4.1	0.0	0.0	0.0	0.0	
6/8/2003	8.0	2.0	6.0	4.6	0.0	10.6	0.0	10.6	100%	6.0	4.6	0.0	0.0	0.0	0.0	
6/9/2003	8.0	2.0	6.0	4.1	0.0	10.1	0.0	10.1	100%	6.0	4.1	0.0	0.0	0.0	0.0	
6/10/2003	8.0	2.0	6.0	4.6	0.0	10.6	0.0	10.6	100%	6.0	4.6	0.0	0.0	0.0	0.0	
6/11/2003	8.0	2.0	6.0	4.6	0.0	10.6	0.0	10.6	100%	6.0	4.6	0.0	0.0	0.0	0.0	
6/12/2003	8.0	2.0	6.0	4.6	0.0	10.6	0.0	10.6	100%	6.0	4.6	0.0	0.0	0.0	0.0	
6/13/2003	8.0	2.0	6.0	4.8	0.0	10.8	0.0	10.8	100%	6.0	4.8	0.0	0.0	0.0	0.0	
6/14/2003	8.0	2.0	6.0	4.8	0.0	10.8	0.0	10.8	100%	6.0	4.8	0.0	0.0	0.0	0.0	
6/15/2003	8.0	2.0	6.0	4.6	0.0	10.6	0.0	10.6	100%	6.0	4.6	0.0	0.0	0.0	0.0	
6/16/2003	8.6	2.0	6.6	4.6	0.0	11.2	0.0	11.2	100%	6.6	4.6	0.0	0.0	0.0	0.0	
6/17/2003	8.6	2.0	6.6	4.6	0.0	11.2	0.0	11.2	100%	6.6	4.6	0.0	0.0	0.0	0.0	
6/18/2003	8.6	2.0	6.6	4.6	0.0	11.2	0.0	11.2	100%	6.6	4.6	0.0	0.0	0.0	0.0	
6/19/2003	8.6	2.0	6.6	4.1	0.0	10.7	0.0	10.7	100%	6.6	4.1	0.0	0.0	0.0	0.0	
6/20/2003	8.6	2.0	6.6	4.1	0.0	10.7	0.0	10.7	100%	6.6	4.1	0.0	0.0	0.0	0.0	
6/21/2003	8.6	2.0	6.6	4.1	0.0	10.7	0.0	10.7	100%	6.6	4.1	0.0	0.0	0.0	0.0	
6/22/2003	8.5	2.0	6.5	4.1	0.0	10.6	0.0	10.6	100%	6.5	4.1	0.0	0.0	0.0	0.0	
6/23/2003	8.5	2.0	6.5	4.1	0.0	10.6	0.0	10.6	100%	6.5	4.1	0.0	0.0	0.0	0.0	
6/24/2003	8.5	2.0	6.5	4.1	0.0	10.6	0.0	10.6	100%	6.5	4.1	0.0	0.0	0.0	0.0	
6/25/2003	8.5	2.0	6.5	4.1	0.0	10.6	0.0	10.6	100%	6.5	4.1	0.0	0.0	0.0	0.0	
6/26/2003	8.2	2.0	6.2	4.4	6.0	10.6	6.0	4.6	43%	4.6	0.0	0.0	0.0	1.6	4.4	
6/27/2003	8.0	2.0	6.0	4.4	6.0	10.4	6.0	4.4	42%	4.4	0.0	0.0	0.0	1.6	4.4	
6/28/2003	8.0	2.0	6.0	4.4	6.0	10.4	6.0	4.4	42%	4.4	0.0	0.0	0.0	1.6	4.4	
6/29/2003	8.0	2.0	6.0	4.4	6.0	10.4	6.0	4.4	42%	4.4	0.0	0.0	0.0	1.6	4.4	
6/30/2003	8.0	2.0	6.0	4.4	6.0	10.4	6.0	4.4	42%	4.4	0.0	0.0	0.0	1.6	4.4	

Total (cfs)	245.8	60.0	185.8	132.5	30.0	318.3	30.0	288.3		177.8	110.5	0.0	0.0	8.0	22.0
Total (AF)	487.5	119.0	368.5	262.8	59.5	631.3	59.5	571.8		352.7	219.2	0.0	0.0	15.9	43.6
Cumulative Total (AF)	874.3	361.0	628.6	612.5	59.5	1241.1	59.5	1181.6		612.7	559.9	0.0	8.9	15.9	43.6
Permit Amount (AF)										800.0	400.0				

Analysis of Watermaster Records for July 2003

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Lower Diversion			Upper Diversion	Total Diversions at Both Points of Diversion						Breakdown of Diverted Water by Sources of Water and by Diversion Point					
											Surplus Under Permit		Other Surplus Water		Stored Water	
Date	Total Diversion (cfs)	Estimated Licensed Spring Flow (cfs)	Diversion of Stored and Surplus Water (cfs)	Total Diversion (cfs)	Release of Stored Water to River (cfs)	Total Diversion of Stored and Surplus Water (cfs)	Total Diversion of Stored Water (cfs)	Total Diversion of Surplus Water (cfs)	Percent of Diversions from Surplus Water	Lower Diversion (cfs)	Upper Diversion (cfs)	Lower Diversion (cfs)	Upper Diversion (cfs)	Lower Diversion (cfs)	Upper Diversion (cfs)	
7/1/2003	5.1	2.0	3.1	4.4	8.0	7.5	7.5	0.0	0%	0.0	0.0	0.0	0.0	3.1	4.4	
7/2/2003	5.1	2.0	3.1	4.4	8.0	7.5	7.5	0.0	0%	0.0	0.0	0.0	0.0	3.1	4.4	
7/3/2003	5.1	2.0	3.1	4.4	8.0	7.5	7.5	0.0	0%	0.0	0.0	0.0	0.0	3.1	4.4	
7/4/2003	5.1	2.0	3.1	4.4	8.0	7.5	7.5	0.0	0%	0.0	0.0	0.0	0.0	3.1	4.4	
7/5/2003	5.1	2.0	3.1	4.4	8.0	7.5	7.5	0.0	0%	0.0	0.0	0.0	0.0	3.1	4.4	
7/6/2003	5.1	2.0	3.1	4.4	8.0	7.5	7.5	0.0	0%	0.0	0.0	0.0	0.0	3.1	4.4	
7/7/2003	5.2	2.0	3.2	4.1	8.0	7.3	7.3	0.0	0%	0.0	0.0	0.0	0.0	3.1	4.4	
7/8/2003	5.2	2.0	3.2	4.1	8.0	7.3	7.3	0.0	0%	0.0	0.0	0.0	0.0	3.2	4.1	
7/9/2003	5.2	2.0	3.2	4.1	8.0	7.3	7.3	0.0	0%	0.0	0.0	0.0	0.0	3.2	4.1	
7/10/2003	5.2	2.0	3.2	4.4	8.0	7.6	7.6	0.0	0%	0.0	0.0	0.0	0.0	3.2	4.4	
7/11/2003	5.2	2.0	3.2	4.4	8.0	7.6	7.6	0.0	0%	0.0	0.0	0.0	0.0	3.2	4.4	
7/12/2003	5.2	2.0	3.2	4.4	8.0	7.6	7.6	0.0	0%	0.0	0.0	0.0	0.0	3.2	4.4	
7/13/2003	5.2	2.0	3.2	4.4	8.0	7.6	7.6	0.0	0%	0.0	0.0	0.0	0.0	3.2	4.4	
7/14/2003	5.2	2.0	3.2	4.6	8.0	7.8	7.8	0.0	0%	0.0	0.0	0.0	0.0	3.2	4.4	
7/15/2003	5.2	2.0	3.2	4.6	8.0	7.8	7.8	0.0	0%	0.0	0.0	0.0	0.0	3.2	4.6	
7/16/2003	5.1	2.0	3.1	4.6	8.0	7.7	7.7	0.0	0%	0.0	0.0	0.0	0.0	3.1	4.6	
7/17/2003	5.1	2.0	3.1	4.6	8.0	7.7	7.7	0.0	0%	0.0	0.0	0.0	0.0	3.1	4.6	
7/18/2003	5.1	2.0	3.1	4.6	8.0	7.7	7.7	0.0	0%	0.0	0.0	0.0	0.0	3.1	4.6	
7/19/2003	5.7	2.0	3.7	4.6	8.0	8.3	8.0	0.3	4%	0.3	0.0	0.0	0.0	3.1	4.6	
7/20/2003	5.7	2.0	3.7	4.6	8.0	8.3	8.0	0.3	4%	0.3	0.0	0.0	0.0	3.4	4.6	
7/21/2003	5.7	2.0	3.7	4.6	8.0	8.3	8.0	0.3	4%	0.3	0.0	0.0	0.0	3.4	4.6	
7/22/2003	5.7	2.0	3.7	4.6	8.0	8.3	8.0	0.3	4%	0.3	0.0	0.0	0.0	3.4	4.6	
7/23/2003	5.7	2.0	3.7	4.6	8.0	8.3	8.0	0.3	4%	0.3	0.0	0.0	0.0	3.4	4.6	
7/24/2003	5.7	2.0	3.7	4.4	8.0	8.1	8.0	0.1	1%	0.1	0.0	0.0	0.0	3.4	4.6	
7/25/2003	5.7	2.0	3.7	4.4	8.0	8.1	8.0	0.1	1%	0.1	0.0	0.0	0.0	3.6	4.4	
7/26/2003	5.7	2.0	3.7	4.4	8.0	8.1	8.0	0.1	1%	0.1	0.0	0.0	0.0	3.6	4.4	
7/27/2003	5.7	2.0	3.7	4.6	8.0	8.3	8.0	0.3	4%	0.3	0.0	0.0	0.0	3.4	4.6	
7/28/2003	5.7	2.0	3.7	4.6	8.0	8.3	8.0	0.3	4%	0.3	0.0	0.0	0.0	3.4	4.6	
7/29/2003	5.7	2.0	3.7	4.6	8.0	8.3	8.0	0.3	4%	0.3	0.0	0.0	0.0	3.4	4.6	
7/30/2003	5.7	2.0	3.7	4.6	8.0	8.3	8.0	0.3	4%	0.3	0.0	0.0	0.0	3.4	4.6	
7/31/2003	5.7	2.0	3.7	4.6	8.0	8.3	8.0	0.3	4%	0.3	0.0	0.0	0.0	3.4	4.6	

Total (cfs)	166.8	62.0	104.8	138.5	248.0	243.3	240.0	3.3		3.3	0.0	0.0	0.0	101.5	138.5
Total (AF)	330.8	123.0	207.9	274.7	491.9	482.6	476.0	6.5		6.5	0.0	0.0	0.0	201.3	274.7
Cumulative Total (AF)	1205.2	484.0	836.4	887.2	551.4	1723.6	535.5	1188.1		619.2	559.9	0.0	8.9	217.2	318.3
Permit Amount (AF)										800.0	400.0				

**Analysis of Watermaster Records for August 2003**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Lower Diversion			Upper Diversion	Total Diversions at Both Points of Diversion					Breakdown of Diverted Water by Sources of Water and by Diversion Point						
Date	Total Diversion (cfs)	Estimated Licensed Spring Flow (cfs)	Diversion of Stored and Surplus Water (cfs)	Total Diversion (cfs)	Release of Stored Water to River (cfs)	Total Diversion of Stored and Surplus Water (cfs)	Total Diversion of Stored Water (cfs)	Total Diversion of Surplus Water (cfs)	Percent of Diversions from Surplus Water	Surplus Under Permit		Other Surplus Water		Stored Water		
										Lower Diversion (cfs)	Upper Diversion (cfs)	Lower Diversion (cfs)	Upper Diversion (cfs)	Lower Diversion (cfs)	Upper Diversion (cfs)	
8/1/2003	5.7	2.0	3.7	5.1	8.0	8.8	8.0	0.8	9%	0.8	0.0	0.0	0.0	2.9	5.1	
8/2/2003	5.7	2.0	3.7	5.1	8.0	8.8	8.0	0.8	9%	0.8	0.0	0.0	0.0	2.9	5.1	
8/3/2003	5.7	2.0	3.7	5.1	8.0	8.8	8.0	0.8	9%	0.8	0.0	0.0	0.0	2.9	5.1	
8/4/2003	5.7	2.0	3.7	5.0	8.0	8.7	8.0	0.7	8%	0.7	0.0	0.0	0.0	3.0	5.0	
8/5/2003	5.7	2.0	3.7	5.0	8.0	8.7	8.0	0.7	8%	0.7	0.0	0.0	0.0	3.0	5.0	
8/6/2003	5.4	2.0	3.4	5.0	8.0	8.4	8.0	0.4	5%	0.4	0.0	0.0	0.0	3.0	5.0	
8/7/2003	5.4	2.0	3.4	5.0	8.0	8.4	8.0	0.4	5%	0.4	0.0	0.0	0.0	3.0	5.0	
8/8/2003	5.4	2.0	3.4	5.0	8.0	8.4	8.0	0.4	5%	0.4	0.0	0.0	0.0	3.0	5.0	
8/9/2003	5.7	2.0	3.7	5.0	8.0	8.7	8.0	0.7	8%	0.7	0.0	0.0	0.0	3.0	5.0	
8/10/2003	5.7	2.0	3.7	5.0	8.0	8.7	8.0	0.7	8%	0.7	0.0	0.0	0.0	3.0	5.0	
8/11/2003	5.7	2.0	3.7	5.0	8.0	8.7	8.0	0.7	8%	0.7	0.0	0.0	0.0	3.0	5.0	
8/12/2003	5.7	2.0	3.7	5.0	8.0	8.7	8.0	0.7	8%	0.7	0.0	0.0	0.0	3.0	5.0	
8/13/2003	5.7	2.0	3.7	5.0	8.0	8.7	8.0	0.7	8%	0.7	0.0	0.0	0.0	3.0	5.0	
8/14/2003	5.7	2.0	3.7	4.8	8.0	8.5	8.0	0.5	6%	0.5	0.0	0.0	0.0	3.0	5.0	
8/15/2003	5.7	2.0	3.7	5.1	8.0	8.8	8.0	0.8	9%	0.8	0.0	0.0	0.0	3.2	4.8	
8/16/2003	5.4	2.0	3.4	5.1	8.0	8.5	8.0	0.5	6%	0.5	0.0	0.0	0.0	2.9	5.1	
8/17/2003	5.2	2.0	3.2	5.1	8.0	8.3	8.0	0.3	4%	0.3	0.0	0.0	0.0	2.9	5.1	
8/18/2003	5.2	2.0	3.2	5.1	8.0	8.3	8.0	0.3	4%	0.3	0.0	0.0	0.0	2.9	5.1	
8/19/2003	5.2	2.0	3.2	5.1	8.0	8.3	8.0	0.3	4%	0.3	0.0	0.0	0.0	2.9	5.1	
8/20/2003	5.2	2.0	3.2	5.1	8.0	8.3	8.0	0.3	4%	0.3	0.0	0.0	0.0	2.9	5.1	
8/21/2003	5.1	2.0	3.1	5.1	8.0	8.2	8.0	0.2	2%	0.2	0.0	0.0	0.0	2.9	5.1	
8/22/2003	5.1	2.0	3.1	4.8	8.0	7.9	7.9	0.0	0%	0.0	0.0	0.0	0.0	3.1	4.8	
8/23/2003	5.1	2.0	3.1	4.8	8.0	7.9	7.9	0.0	0%	0.0	0.0	0.0	0.0	3.1	4.8	
8/24/2003	4.2	2.0	2.2	4.6	8.0	6.8	6.8	0.0	0%	0.0	0.0	0.0	0.0	2.2	4.6	
8/25/2003	4.3	2.0	2.3	4.6	8.0	6.9	6.9	0.0	0%	0.0	0.0	0.0	0.0	2.3	4.6	
8/26/2003	4.3	2.0	2.3	4.5	8.0	6.8	6.8	0.0	0%	0.0	0.0	0.0	0.0	2.3	4.5	
8/27/2003	4.4	2.0	2.4	4.5	8.0	6.9	6.9	0.0	0%	0.0	0.0	0.0	0.0	2.4	4.5	
8/28/2003	4.6	2.0	2.6	5.0	8.0	7.6	7.6	0.0	0%	0.0	0.0	0.0	0.0	2.6	5.0	
8/29/2003	3.8	2.0	1.8	5.0	8.0	6.8	6.8	0.0	0%	0.0	0.0	0.0	0.0	1.8	5.0	
8/30/2003	3.8	2.0	1.8	5.0	8.0	6.8	6.8	0.0	0%	0.0	0.0	0.0	0.0	1.8	5.0	
8/31/2003	3.7	2.0	1.7	5.0	8.0	6.7	6.7	0.0	0%	0.0	0.0	0.0	0.0	1.7	5.0	

Total (cfs)	159.2	62.0	97.2	153.6	248.0	250.8	239.1	11.7		11.7	0.0	0.0	0.0	85.5	153.6
Total (AF)	315.8	123.0	192.8	304.7	491.9	497.5	474.2	23.2		23.2	0.0	0.0	0.0	169.6	304.7
Cumulative Total (AF)	1520.9	606.9	1029.2	1191.9	1043.3	2221.1	1009.8	1211.3		642.4	559.9	0.0	8.9	386.8	623.0
Permit Amount (AF)										800.0	400.0				

**Analysis of Watermaster Records for September 2003**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Lower Diversion			Upper Diversion	Total Diversions at Both Points of Diversion					Breakdown of Diverted Water by Sources of Water and by Diversion Point						
										Surplus Under Permit		Other Surplus Water		Stored Water		
Date	Total Diversion (cfs)	Estimated Licensed Spring Flow (cfs)	Diversion of Stored and Surplus Water (cfs)	Total Diversion (cfs)	Release of Stored Water to River (cfs)	Total Diversion of Stored and Surplus Water (cfs)	Total Diversion of Stored Water (cfs)	Total Diversion of Surplus Water (cfs)	Percent of Diversions from Surplus Water	Lower Diversion (cfs)	Upper Diversion (cfs)	Lower Diversion (cfs)	Upper Diversion (cfs)	Lower Diversion (cfs)	Upper Diversion (cfs)	
9/1/2003	4.0	2.0	2.0	5.1	8.0	7.1	7.1	0.0	0%	0.0	0.0	0.0	0.0	2.0	5.1	
9/2/2003	4.0	2.0	2.0	5.4	8.0	7.4	7.4	0.0	0%	0.0	0.0	0.0	0.0	2.0	5.4	
9/3/2003	4.1	2.0	2.1	5.4	8.0	7.5	7.5	0.0	0%	0.0	0.0	0.0	0.0	2.1	5.4	
9/4/2003	4.1	2.0	2.1	5.4	8.0	7.5	7.5	0.0	0%	0.0	0.0	0.0	0.0	2.1	5.4	
9/5/2003	4.0	2.0	2.0	4.8	8.0	6.8	6.8	0.0	0%	0.0	0.0	0.0	0.0	2.0	4.8	
9/6/2003	4.0	2.0	2.0	5.1	8.0	7.1	7.1	0.0	0%	0.0	0.0	0.0	0.0	2.0	5.1	
9/7/2003	4.0	2.0	2.0	5.1	8.0	7.1	7.1	0.0	0%	0.0	0.0	0.0	0.0	2.0	5.1	
9/8/2003	4.0	2.0	2.0	5.1	8.0	7.1	7.1	0.0	0%	0.0	0.0	0.0	0.0	2.0	5.1	
9/9/2003	4.0	2.0	2.0	5.0	8.0	7.0	7.0	0.0	0%	0.0	0.0	0.0	0.0	2.0	5.1	
9/10/2003	4.0	2.0	2.0	4.8	8.0	6.8	6.8	0.0	0%	0.0	0.0	0.0	0.0	2.0	5.0	
9/11/2003	4.0	2.0	2.0	4.8	8.0	6.8	6.8	0.0	0%	0.0	0.0	0.0	0.0	2.0	4.8	
9/12/2003	4.0	2.0	2.0	4.8	8.0	6.8	6.8	0.0	0%	0.0	0.0	0.0	0.0	2.0	4.8	
9/13/2003	4.0	2.0	2.0	4.8	8.0	6.8	6.8	0.0	0%	0.0	0.0	0.0	0.0	2.0	4.8	
9/14/2003	4.0	2.0	2.0	4.8	8.0	6.8	6.8	0.0	0%	0.0	0.0	0.0	0.0	2.0	4.8	
9/15/2003	4.0	2.0	2.0	4.8	8.0	6.8	6.8	0.0	0%	0.0	0.0	0.0	0.0	2.0	4.8	
9/16/2003	4.0	2.0	2.0	4.8	8.0	6.8	6.8	0.0	0%	0.0	0.0	0.0	0.0	2.0	4.8	
9/17/2003	4.0	2.0	2.0	4.6	8.0	6.6	6.6	0.0	0%	0.0	0.0	0.0	0.0	2.0	4.6	
9/18/2003	4.1	2.0	2.1	4.4	8.0	6.5	6.5	0.0	0%	0.0	0.0	0.0	0.0	2.0	4.4	
9/19/2003	4.1	2.0	2.1	5.7	8.0	7.8	7.8	0.0	0%	0.0	0.0	0.0	0.0	2.1	4.4	
9/20/2003	4.1	2.0	2.1	5.7	8.0	7.8	7.8	0.0	0%	0.0	0.0	0.0	0.0	2.1	5.7	
9/21/2003	4.1	2.0	2.1	6.1	8.0	8.2	8.0	0.2	2%	0.2	0.0	0.0	0.0	1.9	5.7	
9/22/2003	4.1	2.0	2.1	6.1	8.0	8.2	8.0	0.2	2%	0.2	0.0	0.0	0.0	1.9	6.1	
9/23/2003	4.1	2.0	2.1	6.1	8.0	8.2	8.0	0.2	2%	0.2	0.0	0.0	0.0	1.9	6.1	
9/24/2003	4.1	2.0	2.1	6.1	8.0	8.2	8.0	0.2	2%	0.2	0.0	0.0	0.0	1.9	6.1	
9/25/2003	5.7	2.0	3.7	6.7	8.0	10.4	8.0	2.4	23%	2.4	0.0	0.0	0.0	1.3	6.7	
9/26/2003	5.7	2.0	3.7	7.0	8.0	10.7	8.0	2.7	25%	2.7	0.0	0.0	0.0	1.0	7.0	
9/27/2003	5.7	2.0	3.7	7.0	8.0	10.7	8.0	2.7	25%	2.7	0.0	0.0	0.0	1.0	7.0	
9/28/2003	5.7	2.0	3.7	6.8	8.0	10.5	8.0	2.5	24%	2.5	0.0	0.0	0.0	1.2	6.8	
9/29/2003	5.7	2.0	3.7	6.8	8.0	10.5	8.0	2.5	24%	2.5	0.0	0.0	0.0	1.2	6.8	
9/30/2003	5.7	2.0	3.7	6.8	8.0	10.5	8.0	2.5	24%	2.5	0.0	0.0	0.0	1.2	6.8	

Total (cfs)	131.1	60.0	71.1	165.9	240.0	237.0	220.9	16.1		16.1	0.0	0.0	0.0	55.0	165.9
Total (AF)	260.0	119.0	141.0	329.1	476.0	470.1	438.1	31.9		31.9	0.0	0.0	0.0	109.1	329.1
Cumulative Total (AF)	1781.0	726.0	1170.2	1520.9	1519.3	2691.2	1447.9	1243.2		674.4	559.9	0.0	8.9	495.9	952.1
Permit Amount (AF)										800.0	400.0				

## Description of Columns

Column	Description
2	The total diversion at the lower diversion is from the Watermaster records.
3	The estimated licenses spring flow is assumed to be 2 cfs, based on discussion with Watermaster
4	The diversion of stored and surplus water is estimated to be the total diversion (column 2) minus the estimated licensed spring flow (column 3).
5	The total diversion at the upper diversion is from the Watermaster records.
6	The release of stored water to the River is from the Watermaster records.
7	The total diversion of stored and surplus water is the sum of the diversion of stored and surplus water at the lower diversion (column 4) and the total diversion at the upper diversion (column 5).
8	The total diversion of stored water is computed is the lesser of the release of stored water to the River (column 6) or the total diversion of stored and surplus water (column 7).
9	The total diversion of surplus water is the total diversion of stored and surplus water (column 7) minus the total diversion of stored water (column 8).
10	The percent of diversions from surplus water is computed by dividing the total diversion of surplus water (column 9) by the sum of the diversion of stored and surplus water at the lower diversion (column 4) and the total diversion at the upper diversion (column 5).
11	The diversion of surplus water at the lower diversion under the permit is computed as the minimum of (a) the diversion of stored and surplus water at the lower diversion (column 4), (b) the combined diversion of surplus water at the upper and lower points of diversion (column 9), (c) the maximum permitted diversion rate of 14 cfs.
12	The diversion of surplus water at the upper diversion under the permit is computed as the lesser of (a) the total diversion of surplus water (column 9) minus the diversion of surplus water under the permit at the lower diversion (column 11) (b) the total diversion at the upper diversion (column 5). (c) the maximum rate of diversion of 5 cfs under the permit
13	If the combined rate of diversion of surplus water (column 9) exceeds the sum of the diversion of surplus water within the maximum permitted rate of diversion at the lower point of diversion (column 11) and the upper point of diversion (column 12), the rate of diversion of surplus water at the lower diversion outside of the maximum permitted rate of diversion is computed as the minimum of: (a) the combined rate of diversion of surplus water at both of the Ranch's points of diversion (column 9) minus the rates of diversion of surplus water at each of the Ranch's points of diversion that are within the maximum permitted rates of diversion (sum of columns 11 and 12) (b) the diversion of stored and surplus water at the lower diversion (column 4) minus the diversion of surplus water under the permit for the lower diversion (column 11)
14	The diversion of surplus water at the upper diversion in excess of the maximum permitted rate of diversion of 5 cfs is computed as the combined diversion of surplus water at both of the Ranch points of diversion (column 9) minus the rates of diversion of surplus water within the permits (sum of columns 11 and 12) and minus the rate of diversion at the lower point of diversion outside of the permit (column 13).
15	The diversion of stored water at the lower point of diversion is computed as the diversion of stored and surplus water at the lower diversion (column 4) minus the sum of the surplus water diverted at the lower point of diversion within the permit (column 11) and outside the permit (column 13)
16	The diversion of stored water at the upper point of diversion is computed as the diversion of stored and surplus water at the upper diversion (column 5) minus the sum of the surplus water diverted at the upper point of diversion within the permit (column 12) and outside the permit (column 14)