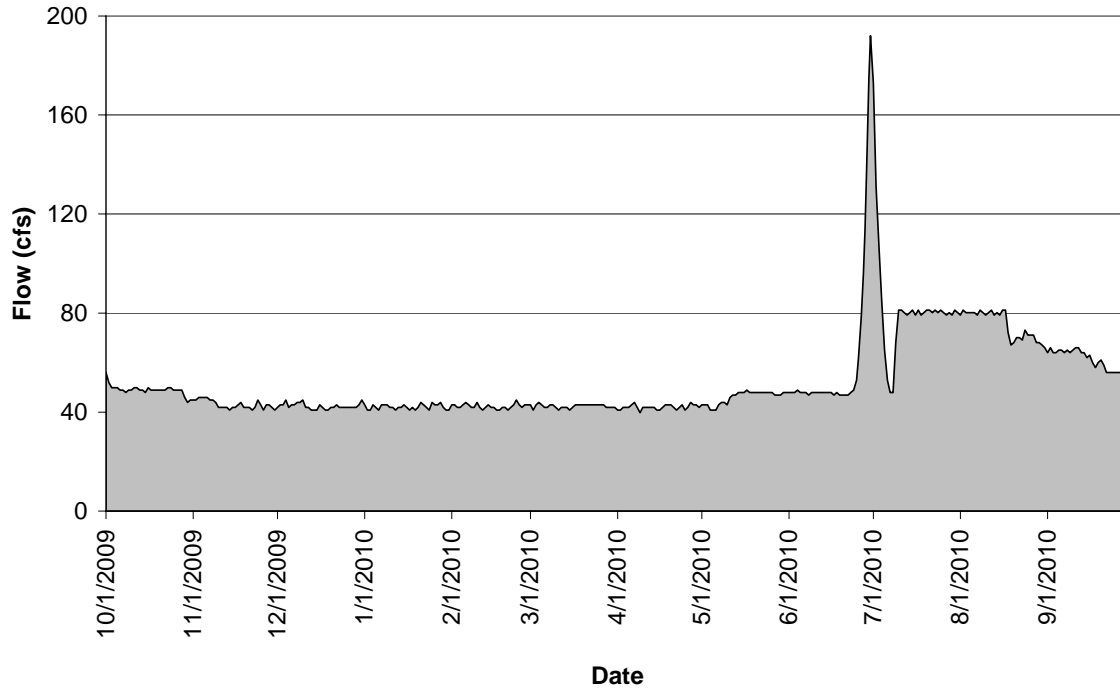


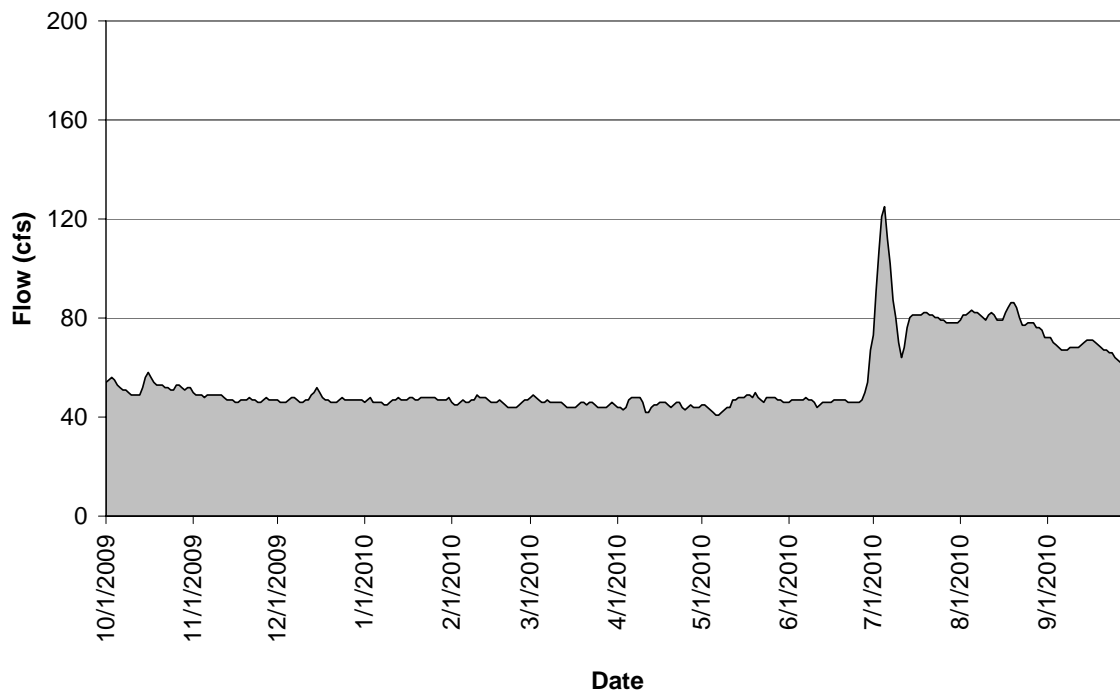
2.0 Appendix

Appendix 1. Hydrologic Monitoring Graphs

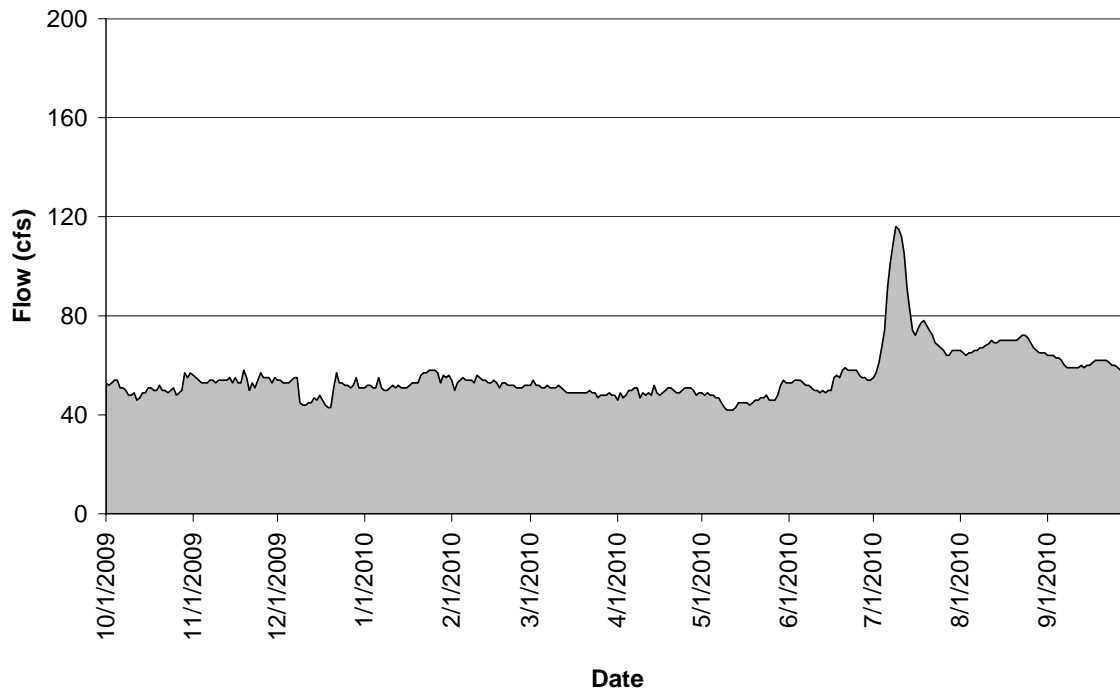
LORP at Below Intake Flow (Oct 09 to Sep 10)



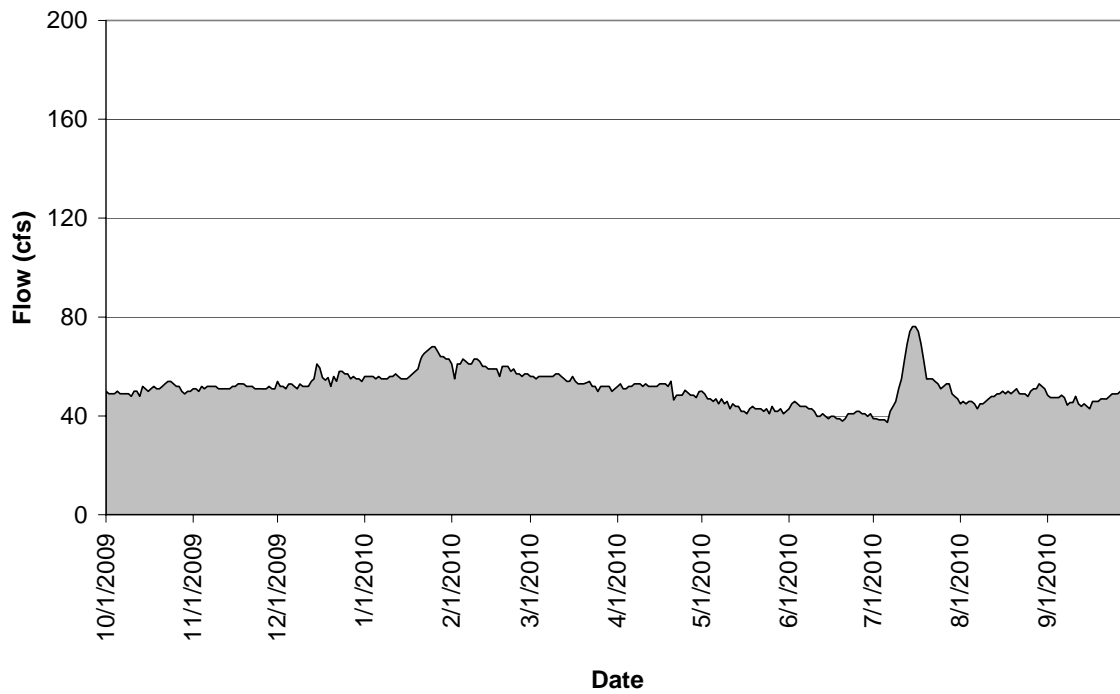
LORP at Mazourka Canyon Road Flow (Oct 09 to Sep 10)



LORP at Reinhackle Springs Flow (Oct 09 to Sep 10)



LORP at Pumpback Station Flow (Oct 09 to Sep 10)

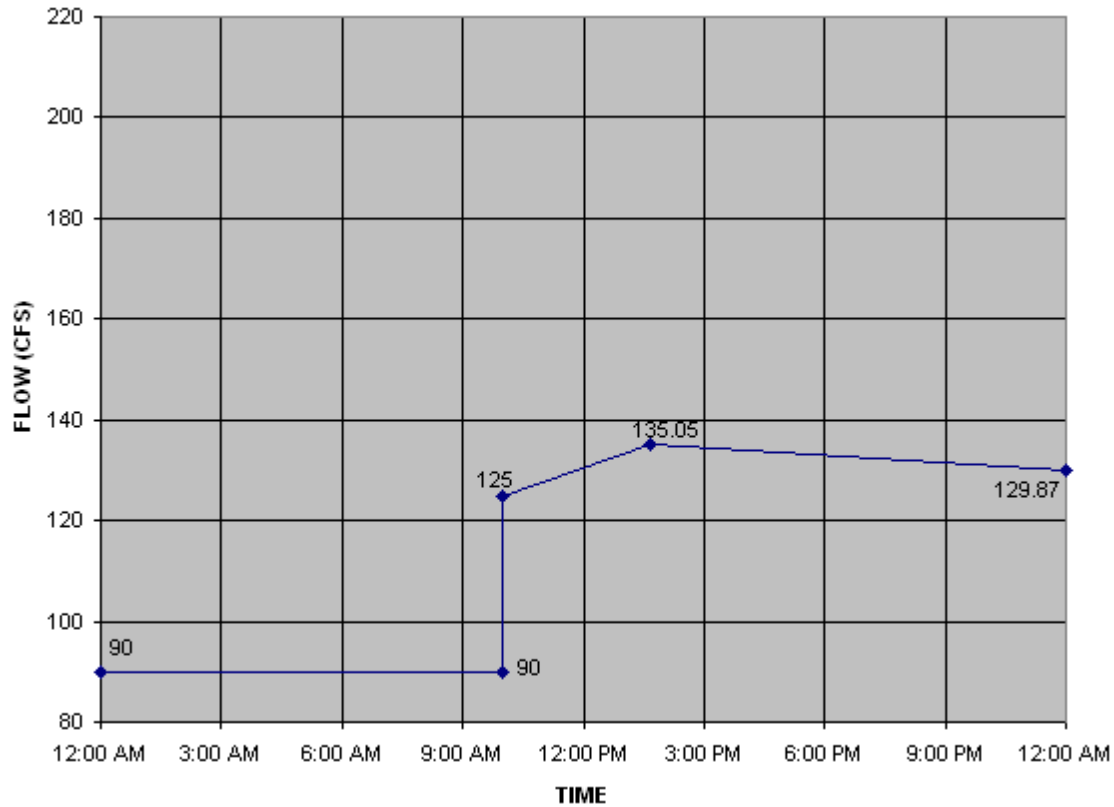


Appendix 2. Seasonal Habitat Flow Intake Estimate

LORP SEASONAL HABITAT FLOW JUNE 28 2010 AVERAGE INTAKE FLOW

*ALL FLOW TIMES FOR METER SHOTS ARE BASED ON END TIME

DATE	FLOW	NOTE
6/27/10 10:00 AM	90	FLOW CHANGE
6/28/10 12:00 AM	90	INTERPOLATED VALUE
6/28/10 10:00 AM	90	CARRIED FORWARD VALUE
6/28/10 10:00 AM	125	FLOW CHANGE
6/28/10 01:40 PM	135.05	METERED FLOW
6/29/10 12:00 AM	129.87	INTERPOLATED VALUE
6/29/10 08:05 AM	125.81	METERED FLOW



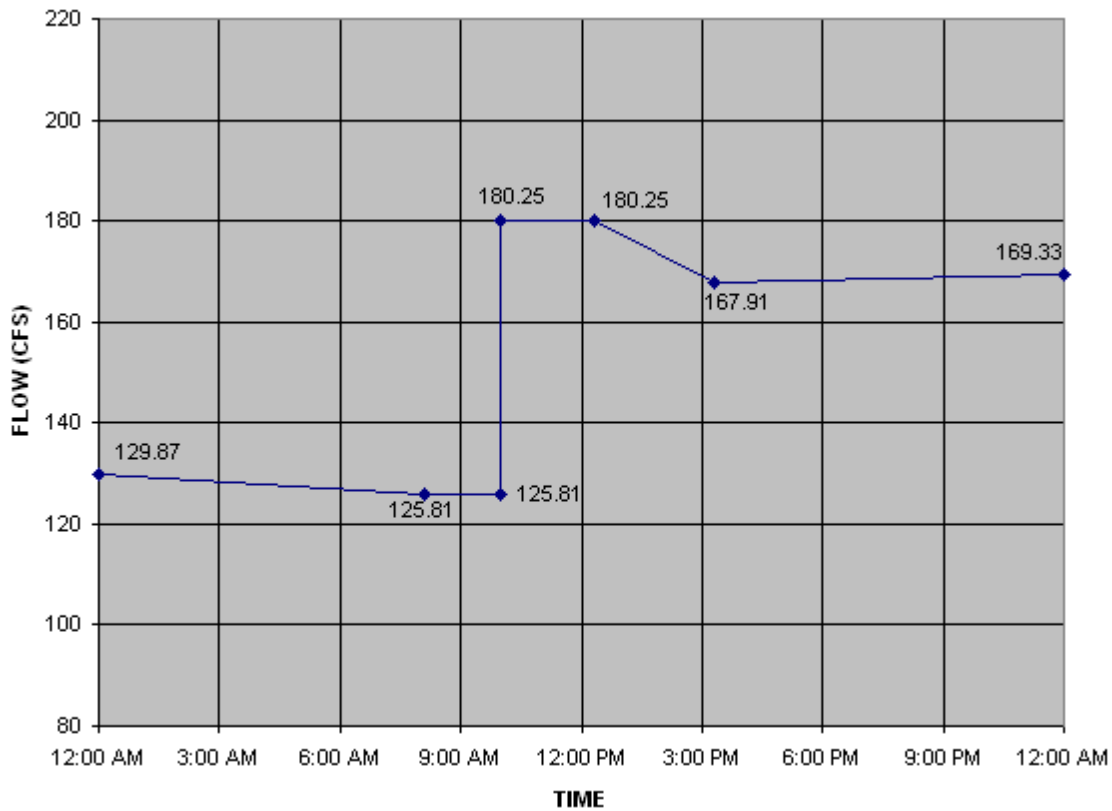
AVERAGE FLOW =

$$\frac{(90\text{cfs})(10\text{hrs}) + \left(\frac{125\text{cfs} + 135.05\text{cfs}}{2}\right)(3.67\text{hrs}) + \left(\frac{135.05\text{cfs} + 129.87\text{cfs}}{2}\right)(10.33\text{hrs})}{24\text{hrs}} = 114.40 \text{ cfs}$$

LORP SEASONAL HABITAT FLOW JUNE 29 2010 AVERAGE INTAKE FLOW

*ALL FLOW TIMES FOR METER SHOTS ARE BASED ON END TIME

DATE	FLOW	NOTE
6/28/10 01:40 PM	135.05	METERED FLOW
6/29/10 12:00 AM	129.87	INTERPOLATED VALUE
6/29/10 08:05 AM	125.81	METERED FLOW
6/29/10 10:00 AM	125.81	CARRIED FORWARD VALUE
6/29/10 10:00 AM	180.25	CARRIED BACK VALUE
6/29/10 12:18 PM	180.25	METERED FLOW
6/29/10 03:19 PM	167.91	METERED FLOW
6/30/10 12:00 AM	169.33	INTERPOLATED VALUE
6/30/10 07:40 AM	170.58	METERED FLOW



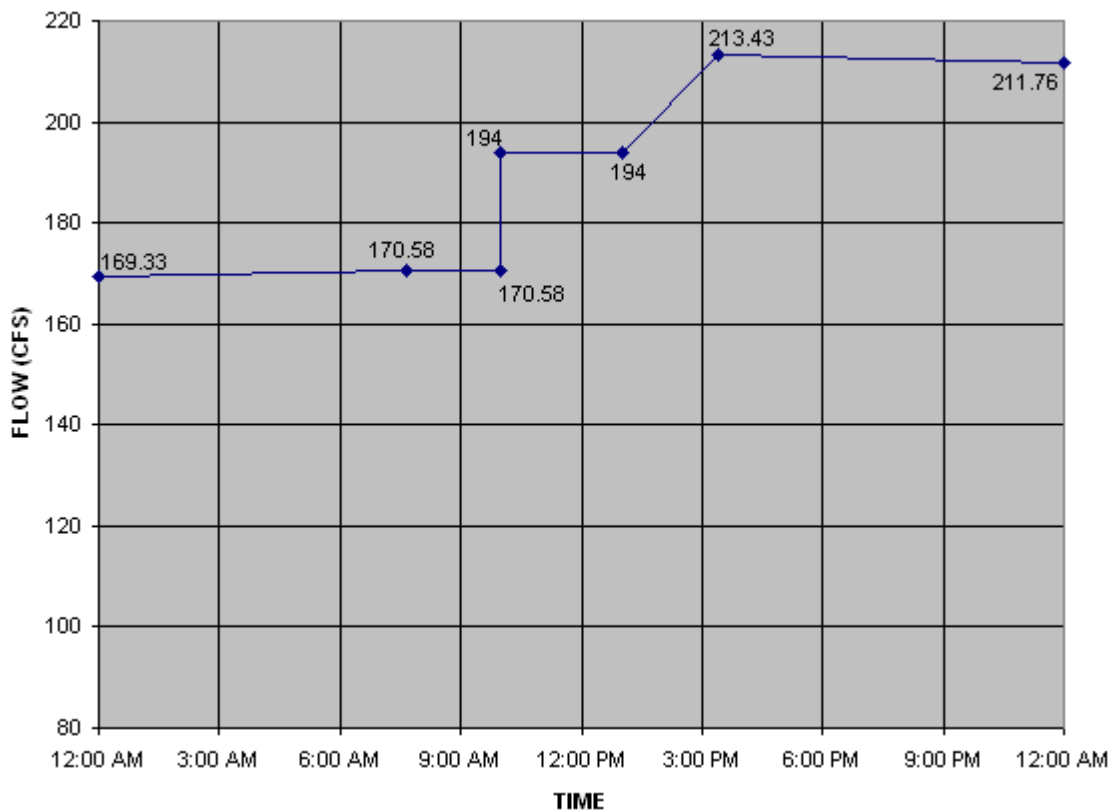
AVERAGE FLOW =

$$\begin{aligned}
 & \frac{\left(\frac{129.87\text{cfs} + 125.81\text{cfs}}{2}\right)(8.08\text{hrs}) + (125.81\text{cfs})(1.92\text{hrs}) + (180.25\text{cfs})(2.3\text{ hrs})}{24\text{hrs}} \\
 & + \frac{\left(\frac{180.25\text{cfs} + 167.91\text{cfs}}{2}\right)(3.02\text{hrs}) + \left(\frac{167.91\text{cfs} + 169.33\text{cfs}}{2}\right)(8.68\text{hrs})}{24\text{hrs}} \\
 & = 153.27 \text{ cfs}
 \end{aligned}$$

LORP SEASONAL HABITAT FLOW JUNE 30 2010 AVERAGE INTAKE FLOW

*ALL FLOW TIMES FOR METER SHOTS ARE BASED ON END TIME

DATE	FLOW	NOTE
6/29/10 03:19 PM	167.91	METERED FLOW
6/30/10 12:00 AM	169.33	INTERPOLATED VALUE
6/30/10 07:40 AM	170.58	METERED FLOW
6/30/10 10:00 AM	170.58	CARRIED FORWARD VALUE
6/30/10 10:00 AM	194	CARRIED BACK VALUE
6/30/10 01:00 PM	194	METERED FLOW
6/30/10 03:25 PM	213.43	METERED FLOW
7/1/10 12:00 AM	211.76	INTERPOLATED VALUE
7/1/10 08:01 AM	210.2	METERED FLOW



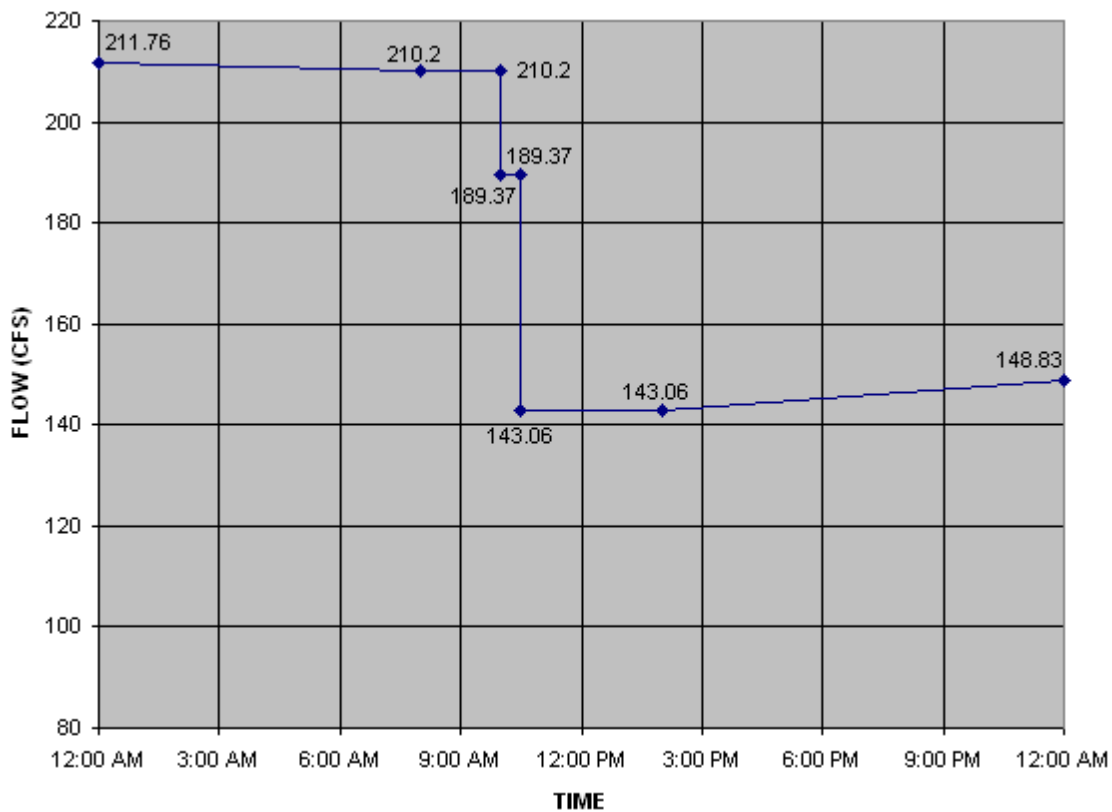
AVERAGE FLOW =

$$\begin{aligned}
 & \frac{\left(\frac{169.33\text{cfs} + 170.58\text{cfs}}{2}\right)(7.67\text{hrs}) + (170.58\text{cfs})(2.33\text{hrs}) + (194\text{cfs})(3 \text{ hrs})}{24\text{hrs}} \\
 & + \frac{\left(\frac{194\text{cfs} + 213.43\text{cfs}}{2}\right)(2.42\text{hrs}) + \left(\frac{213.43\text{cfs} + 211.76\text{cfs}}{2}\right)(8.58\text{hrs})}{24\text{hrs}} \\
 & = 191.67 \text{ cfs}
 \end{aligned}$$

LORP SEASONAL HABITAT FLOW JULY 1 2010 AVERAGE INTAKE FLOW

*ALL FLOW TIMES FOR METER SHOTS ARE BASED ON END TIME

DATE	FLOW	NOTE
6/30/10 03:25 PM	213.43	METERED FLOW
7/1/10 12:00 AM	211.76	INTERPOLATED VALUE
7/1/10 08:01 AM	210.2	METERED FLOW
7/1/10 10:00 AM	210.2	CARRIED FORWARD VALUE
7/1/10 10:00 AM	189.37	CARRIED BACK VALUE
7/1/10 10:30 AM	189.37	METERED FLOW
7/1/10 10:30 AM	143.06	CARRIED BACK VALUE
7/1/10 02:01 PM	143.06	METERED FLOW
7/2/10 12:00 AM	148.83	INTERPOLATED VALUE
7/2/10 09:03 AM	154.07	METERED FLOW



AVERAGE FLOW =

$$\begin{aligned}
 & \frac{\left(\frac{211.76\text{cfs} + 210.2\text{cfs}}{2}\right)(8.02\text{hrs}) + (210.2\text{cfs})(1.98\text{hrs}) + (189.37\text{cfs})(0.5 \text{ hrs})}{24\text{hrs}} \\
 & + \frac{(143.06\text{cfs})(3.52\text{hrs}) + \left(\frac{143.06\text{cfs} + 148.83\text{cfs}}{2}\right)(9.98\text{hrs})}{24\text{hrs}} \\
 & = 173 \text{ cfs}
 \end{aligned}$$

Appendix 3. River Flow Tables

Flow Gaging Station	Below River Intake	Blackrock Ditch Return	Goose Lake Return	Billy Lake Return	Mazourka Canyon Road	Locust Ditch Return	Georges Ditch Return	Reinhackle Springs	Alabama Gates Return	At Pumpback Station	Pump Station	Langemann Gate to Delta	Weir to Delta	In Channel Average Flow
Date														
10/1/2009	56.0	2.0	1.1	1.1	54.0	0.0	0.0	52.9	0.0	50.0	43.9	6.1	0.0	53.2
10/2/2009	51.9	2.0	1.1	1.1	55.0	0.0	0.0	51.9	0.0	48.9	43.9	5.0	0.0	51.9
10/3/2009	49.9	2.0	1.1	1.1	56.0	0.0	0.0	52.9	0.0	48.9	43.9	5.0	0.0	51.9
10/4/2009	49.9	2.0	1.1	1.0	55.0	0.0	0.0	54.0	0.0	48.9	43.9	5.0	0.0	52.0
10/5/2009	49.9	2.0	1.1	1.0	52.9	0.0	0.0	54.0	0.0	50.0	43.9	6.1	0.0	51.7
10/6/2009	48.9	2.0	1.2	1.0	51.9	0.0	0.0	50.9	0.0	48.9	43.9	5.0	0.0	50.2
10/7/2009	48.9	2.0	1.1	1.0	50.9	0.0	0.0	50.9	0.0	49.0	42.9	6.1	0.0	49.9
10/8/2009	47.9	2.0	1.0	0.9	50.9	0.0	0.1	49.9	0.0	49.0	42.9	6.1	0.0	49.4
10/9/2009	48.9	2.0	0.9	0.9	49.9	0.0	0.0	47.9	0.0	49.0	42.9	6.1	0.0	48.9
10/10/2009	48.9	2.0	1.0	0.9	48.9	0.0	0.0	47.9	0.0	48.0	41.9	6.1	0.0	48.4
10/11/2009	49.9	3.0	1.1	0.9	48.9	0.0	0.0	48.9	0.0	50.0	43.9	6.1	0.0	49.4
10/12/2009	49.9	2.0	1.2	0.9	48.9	0.0	0.0	45.9	0.0	50.0	43.9	6.1	0.0	48.7
10/13/2009	48.9	2.0	1.3	1.0	48.9	0.0	0.0	46.9	0.0	48.0	41.9	6.1	0.0	48.2
10/14/2009	48.9	2.0	1.6	1.1	51.9	0.0	0.0	48.9	0.0	52.0	45.9	6.1	0.0	50.4
10/15/2009	47.9	2.0	1.8	1.1	56.0	0.0	0.0	48.9	0.0	50.9	45.9	5.0	0.0	50.9
10/16/2009	49.9	3.0	1.8	0.9	58.0	0.0	0.0	50.9	0.0	49.9	45.9	4.0	0.0	52.2
10/17/2009	48.9	4.0	1.6	0.8	56.0	0.0	0.0	50.9	0.0	50.9	46.9	4.0	0.0	51.7
10/18/2009	48.9	4.0	1.5	0.8	54.0	0.0	0.0	49.9	0.0	52.0	45.9	4.0	2.0	51.2
10/19/2009	48.9	3.0	1.4	1.2	52.9	0.0	0.0	49.9	0.0	50.9	45.9	4.0	1.0	50.7
10/20/2009	48.9	2.0	1.3	1.3	52.9	0.0	0.0	51.9	0.0	50.9	45.9	4.0	1.0	51.2
10/21/2009	48.9	1.0	1.2	1.4	52.9	0.0	0.3	49.9	0.0	51.9	46.9	4.0	1.0	50.9
10/22/2009	48.9	1.0	1.1	1.4	51.9	0.0	0.2	49.9	0.0	53.0	44.9	4.0	4.0	50.9
10/23/2009	49.9	2.0	1.1	1.4	51.9	0.0	0.1	48.9	0.0	54.0	46.9	4.0	3.0	51.2
10/24/2009	49.9	2.0	1.1	1.4	50.9	0.0	0.0	49.9	0.0	54.0	46.9	4.0	3.0	51.2
10/25/2009	48.9	2.0	1.0	1.3	50.9	0.0	0.0	50.9	0.0	53.0	45.9	4.0	3.0	50.9
10/26/2009	48.9	2.0	1.0	1.2	52.9	0.0	0.1	47.9	0.0	52.0	44.9	4.0	3.0	50.4
10/27/2009	48.9	2.0	1.1	1.2	52.9	0.0	0.4	48.9	0.0	52.0	45.9	4.0	2.0	50.7
10/28/2009	48.9	2.0	1.1	1.1	51.9	0.0	0.2	49.9	0.0	49.9	45.9	4.0	0.0	50.2
10/29/2009	45.9	3.0	1.0	1.0	50.9	0.0	0.1	57.0	0.0	48.9	45.9	3.0	0.0	50.7
10/30/2009	43.9	3.0	1.0	1.0	51.9	0.0	0.0	55.0	0.0	49.9	45.9	3.0	1.0	50.2
10/31/2009	44.9	2.0	0.8	1.1	51.9	0.0	0.0	57.0	0.0	49.9	45.9	4.0	0.0	50.9

Notes:

These measurements are not on the main channel of the Owens River, therefore highlighted columns are not included in average calculations.

Dark grey cells indicate that measurements were estimated by LADWP staff due to technical problems.

Flow Gaging Station	Below River Intake	Blackrock Ditch Return	Goose Lake Return	Billy Lake Return	Mazourka Canyon Road	Locust Ditch Return	Georges Ditch Return	Reinhackle Springs	Alabama Gates Return	At Pumpback Station	Pump Station	Langemann Gate to Delta	Weir to Delta	In Channel Average Flow
Date														
11/1/2009	44.9	2.0	1.1	1.0	49.9	0.0	0.1	56.0	0.0	50.9	46.9	4.0	0.0	50.4
11/2/2009	44.9	1.0	1.1	0.9	48.9	0.0	0.1	55.0	0.0	50.9	46.9	4.0	0.0	49.9
11/3/2009	45.9	2.0	1.1	0.9	48.9	0.0	0.0	54.0	0.0	49.9	44.9	4.0	1.0	49.7
11/4/2009	45.9	3.0	1.1	0.9	48.9	0.0	0.0	52.9	0.0	52.0	45.9	4.0	2.0	49.9
11/5/2009	45.9	4.0	1.1	0.6	47.9	0.0	0.0	52.9	0.0	51.0	44.9	4.0	2.0	49.4
11/6/2009	45.9	4.0	1.1	0.6	48.9	0.0	0.1	52.9	0.0	52.0	45.9	4.0	2.0	49.9
11/7/2009	44.9	4.0	1.1	0.8	48.9	0.0	0.1	54.0	0.0	51.9	46.9	4.0	1.0	49.9
11/8/2009	44.9	4.0	1.1	0.8	48.9	0.0	0.1	54.0	0.0	51.9	46.9	4.0	1.0	49.9
11/9/2009	43.9	3.0	1.1	0.8	48.9	0.0	0.1	52.9	0.0	51.9	46.9	4.0	1.0	49.4
11/10/2009	41.9	3.0	1.1	0.9	48.9	0.0	0.2	54.0	0.0	50.9	46.9	4.0	0.0	48.9
11/11/2009	41.9	4.0	1.1	0.9	48.9	0.0	0.2	54.0	0.0	50.9	46.9	4.0	0.0	48.9
11/12/2009	41.9	3.0	1.1	0.9	47.9	0.0	0.1	54.0	0.0	50.9	46.9	4.0	0.0	48.7
11/13/2009	41.9	3.0	1.1	0.9	46.9	0.0	0.0	54.0	0.0	50.9	46.9	4.0	0.0	48.4
11/14/2009	40.8	4.0	1.1	0.9	46.9	0.0	0.0	55.0	0.0	50.9	46.9	4.0	0.0	48.4
11/15/2009	41.9	3.0	1.1	0.8	46.9	0.0	0.0	52.9	0.0	51.9	46.9	4.0	1.0	48.4
11/16/2009	41.9	3.0	1.1	0.8	45.9	0.0	0.0	55.0	0.0	51.9	46.9	4.0	1.0	48.7
11/17/2009	42.9	3.0	1.1	0.8	45.9	0.0	0.0	52.9	0.0	53.0	46.9	4.0	2.0	48.7
11/18/2009	43.9	3.0	1.1	0.8	46.9	0.0	0.4	52.9	0.0	53.0	46.9	4.0	2.0	49.2
11/19/2009	41.9	3.0	1.1	0.9	46.9	0.0	0.3	58.0	0.0	52.9	47.9	4.0	1.0	49.9
11/20/2009	41.9	3.0	1.2	0.8	46.9	0.0	0.4	55.0	0.0	51.9	46.9	4.0	1.0	48.9
11/21/2009	41.9	3.0	1.2	0.9	47.9	0.0	0.4	49.9	0.0	51.9	47.9	4.0	0.0	47.9
11/22/2009	40.8	3.0	1.2	1.1	46.9	0.0	0.2	52.9	0.0	51.9	47.9	4.0	0.0	48.1
11/23/2009	41.9	1.0	1.2	1.2	46.9	0.0	0.2	50.9	0.0	50.9	46.9	4.0	0.0	47.7
11/24/2009	44.9	3.0	1.2	1.2	45.9	0.0	0.1	54.0	0.0	51.0	44.9	4.0	2.0	48.9
11/25/2009	42.9	3.0	1.1	1.2	45.9	0.0	0.1	57.0	0.0	51.0	44.9	4.0	2.0	49.2
11/26/2009	40.8	4.0	1.1	1.2	46.9	0.0	0.4	55.0	0.0	50.9	40.8	4.0	6.1	48.4
11/27/2009	42.9	4.0	1.1	1.3	47.9	0.0	0.4	55.0	0.0	51.0	44.9	4.0	2.0	49.2
11/28/2009	42.9	4.0	1.1	1.2	46.9	0.0	0.3	55.0	0.0	52.0	44.9	4.0	3.0	49.2
11/29/2009	41.9	4.0	1.1	1.8	46.9	0.0	0.3	52.9	0.0	50.9	46.9	4.0	0.0	48.2
11/30/2009	40.8	3.0	0.9	1.6	46.9	0.0	0.2	55.0	0.0	50.9	40.8	4.0	6.1	48.4

Notes: These measurements are not on the main channel of the Owens River, therefore highlighted columns are not included in average calculations.
 Dark grey cells indicate that measurements were estimated by LADWP staff due to technical problems.

Flow Gaging Station	Below River Intake	Blackrock Ditch Return	Goose Lake Return	Billy Lake Return	Mazourka Canyon Road	Locust Ditch Return	Georges Ditch Return	Reinhackle Springs	Alabama Gates Return	At Pumpback Station	Pump Station	Langemann Gate to Delta	Weir to Delta	In Channel Average Flow
Date														
12/1/2009	41.9	3.0	1.1	1.3	46.9	0.0	0.2	54.0	0.0	54.0	46.9	4.0	3.0	49.2
12/2/2009	42.9	2.0	1.1	0.8	45.9	0.0	0.2	54.0	0.0	51.9	46.9	4.0	1.0	48.7
12/3/2009	42.9	2.0	1.1	1.3	45.9	0.0	0.1	52.9	0.0	51.9	46.9	4.0	1.0	48.4
12/4/2009	44.9	2.0	1.1	1.2	45.9	0.0	0.1	52.9	0.0	50.9	45.9	4.0	1.0	48.7
12/5/2009	41.9	2.0	1.1	1.4	46.9	0.0	0.1	52.9	0.0	52.9	47.9	4.0	1.0	48.7
12/6/2009	42.9	2.0	1.0	1.3	47.9	0.0	0.1	54.0	0.0	52.9	47.9	4.0	1.0	49.4
12/7/2009	42.9	3.0	1.0	1.3	47.9	0.0	0.1	55.0	0.0	51.9	47.9	3.0	1.0	49.4
12/8/2009	43.9	2.0	0.8	1.2	46.9	0.0	0.0	55.0	0.0	50.9	35.8	3.0	12.1	49.2
12/9/2009	43.9	2.0	1.0	1.2	45.9	0.0	0.0	44.9	0.0	52.9	46.9	3.0	3.0	46.9
12/10/2009	44.9	2.0	1.0	1.2	45.9	0.0	0.0	43.9	0.0	51.9	46.9	3.0	2.0	46.7
12/11/2009	41.9	2.0	1.0	1.2	46.9	0.0	0.1	43.9	0.0	51.9	46.9	3.0	2.0	46.2
12/12/2009	41.9	2.0	1.1	1.3	46.9	0.0	0.2	44.9	0.0	51.9	46.9	3.0	2.0	46.4
12/13/2009	40.8	3.0	1.4	1.3	48.9	0.0	0.2	44.9	0.0	54.0	46.9	3.0	4.0	47.1
12/14/2009	40.8	3.0	1.6	1.3	49.9	0.0	0.1	46.9	0.0	55.0	46.9	3.0	5.0	48.1
12/15/2009	40.8	3.0	1.7	1.3	51.9	0.0	0.1	45.9	0.0	61.0	37.8	21.2	2.0	49.9
12/16/2009	42.9	3.0	1.6	1.2	49.9	0.0	0.1	47.9	0.0	59.5	29.2	30.3	0.0	50.1
12/17/2009	41.9	3.0	1.6	1.2	47.9	0.0	0.1	45.9	0.0	55.5	25.2	30.3	0.0	47.8
12/18/2009	40.8	2.0	1.4	1.1	46.9	0.0	0.1	43.9	0.0	54.5	24.2	30.3	0.0	46.5
12/19/2009	40.8	3.0	1.3	1.2	46.9	0.0	0.1	42.9	0.0	55.5	25.2	30.3	0.0	46.5
12/20/2009	41.9	2.0	1.2	0.7	45.9	0.0	0.1	42.9	0.0	51.9	39.8	12.1	0.0	45.7
12/21/2009	41.9	2.0	1.0	0.9	45.9	0.0	0.1	50.9	0.0	56.0	47.9	3.0	5.0	48.7
12/22/2009	42.9	2.0	0.9	0.8	45.9	0.0	0.1	57.0	0.0	54.0	41.9	3.0	9.1	49.9
12/23/2009	41.9	2.0	0.7	1.3	46.9	0.0	0.1	52.9	0.0	58.0	47.9	3.0	7.1	49.9
12/24/2009	41.9	2.0	1.1	1.1	47.9	0.0	0.1	52.9	0.0	58.0	47.9	3.0	7.1	50.2
12/25/2009	41.9	2.0	1.1	0.6	46.9	0.0	0.1	51.9	0.0	57.0	46.9	3.0	7.1	49.4
12/26/2009	41.9	2.0	1.0	0.7	46.9	0.0	0.1	51.9	0.0	57.0	46.9	3.0	7.1	49.4
12/27/2009	41.9	3.0	0.9	1.4	46.9	0.0	0.1	50.9	0.0	55.0	45.9	3.0	6.1	48.7
12/28/2009	41.9	3.0	0.9	1.4	46.9	0.0	0.1	51.9	0.0	56.0	46.9	3.0	6.1	49.2
12/29/2009	41.9	2.0	0.8	1.4	46.9	0.0	0.1	55.0	0.0	55.0	47.9	3.0	4.0	49.7
12/30/2009	42.9	2.0	0.8	1.4	46.9	0.0	0.1	50.9	0.0	55.0	46.9	3.0	5.0	48.9
12/31/2009	44.9	2.0	1.0	1.3	46.9	0.0	0.2	50.9	0.0	54.0	46.9	3.0	4.0	49.2

Notes: These measurements are not on the main channel of the Owens River, therefore highlighted columns are not included in average calculations.
 Dark grey cells indicate that measurements were estimated by LADWP staff due to technical problems.

Flow Gaging Station	Below River Intake	Blackrock Ditch Return	Goose Lake Return	Billy Lake Return	Mazourka Canyon Road	Locust Ditch Return	Georges Ditch Return	Reinhackle Springs	Alabama Gates Return	At Pumpback Station	Pump Station	Langemann Gate to Delta	Weir to Delta	In Channel Average Flow
Date														
1/1/2010	42.9	2.0	0.8	1.1	45.9	0.0	0.1	50.9	0.0	56.0	47.9	3.0	5.0	48.9
1/2/2010	40.8	2.0	0.9	1.0	46.9	0.0	0.1	51.9	0.0	56.0	47.9	3.0	5.0	48.9
1/3/2010	40.8	2.0	0.9	1.2	47.9	0.0	0.2	51.9	0.0	56.0	47.9	3.0	5.0	49.1
1/4/2010	42.9	2.0	1.0	1.0	45.9	0.0	0.2	50.9	0.0	56.0	47.9	3.0	5.0	48.9
1/5/2010	41.9	2.0	1.1	0.9	45.9	0.0	0.2	50.9	0.0	55.0	46.9	3.0	5.0	48.4
1/6/2010	40.8	1.0	1.1	0.5	45.9	0.0	0.2	55.0	0.0	56.0	47.9	3.0	5.0	49.4
1/7/2010	42.9	1.0	1.2	0.3	45.9	0.0	0.2	50.9	0.0	55.0	46.9	3.0	5.0	48.7
1/8/2010	42.9	2.0	1.2	0.3	44.9	0.0	0.2	49.9	0.0	55.0	46.9	3.0	5.0	48.2
1/9/2010	42.9	2.0	1.3	0.4	44.9	0.0	0.2	49.9	0.0	55.0	46.9	3.0	5.0	48.2
1/10/2010	41.9	2.0	1.3	0.3	45.9	0.0	0.2	50.9	0.0	56.0	46.9	3.0	6.1	48.7
1/11/2010	41.9	2.0	1.3	1.1	46.9	0.0	0.2	51.9	0.0	56.0	46.9	3.0	6.1	49.2
1/12/2010	40.8	2.0	1.2	0.9	46.9	0.0	0.1	50.9	0.0	57.0	47.9	3.0	6.1	48.9
1/13/2010	41.9	2.0	1.2	1.5	47.9	0.0	0.1	51.9	0.0	56.0	46.9	3.0	6.1	49.4
1/14/2010	41.9	3.0	1.2	1.4	46.9	0.0	0.1	50.9	0.0	55.0	46.9	3.0	5.0	48.7
1/15/2010	42.9	3.0	1.1	1.0	46.9	0.0	0.1	50.9	0.0	55.0	46.9	3.0	5.0	48.9
1/16/2010	41.9	3.0	1.0	1.4	46.9	0.0	0.1	50.9	0.0	55.0	46.9	3.0	5.0	48.7
1/17/2010	40.8	3.0	0.9	1.5	47.9	0.0	0.1	51.9	0.0	56.0	46.9	3.0	6.1	49.1
1/18/2010	41.9	2.0	1.0	0.9	47.9	0.0	0.1	52.9	0.0	57.0	47.9	3.0	6.1	49.9
1/19/2010	40.8	3.0	1.1	0.8	46.9	0.0	0.1	52.9	0.0	58.0	47.9	3.0	7.1	49.6
1/20/2010	41.9	3.0	1.2	1.0	46.9	0.0	0.1	52.9	0.0	59.0	47.9	3.0	8.1	50.2
1/21/2010	43.9	2.0	1.3	1.4	47.9	0.0	0.1	56.0	0.0	63.0	47.9	3.0	12.1	52.7
1/22/2010	42.9	2.0	1.4	1.6	47.9	0.0	0.1	57.0	0.0	65.0	47.9	3.0	14.1	53.2
1/23/2010	41.9	2.0	1.4	1.5	47.9	0.0	0.1	57.0	0.0	66.0	47.9	3.0	15.1	53.2
1/24/2010	40.8	2.0	1.4	1.5	47.9	0.0	0.1	58.0	0.0	67.0	47.9	3.0	16.1	53.4
1/25/2010	43.9	2.0	1.4	1.4	47.9	0.0	0.2	58.0	0.0	68.0	47.9	3.0	17.1	54.5
1/26/2010	42.9	2.0	1.4	1.3	47.9	0.0	0.3	58.0	0.0	68.0	47.9	3.0	17.1	54.2
1/27/2010	42.9	2.0	1.4	1.0	46.9	0.0	0.5	57.0	0.0	66.0	47.9	3.0	15.1	53.2
1/28/2010	43.9	2.0	1.4	0.9	46.9	0.0	0.5	52.9	0.0	64.0	46.9	3.0	14.1	51.9
1/29/2010	41.9	2.0	1.4	0.7	46.9	0.0	0.5	56.0	0.0	64.0	45.9	3.0	15.1	52.2
1/30/2010	40.8	3.0	1.3	1.0	46.9	0.0	0.7	55.0	0.0	63.0	45.9	3.0	14.1	51.4
1/31/2010	40.8	2.0	1.0	1.5	47.9	0.0	0.9	56.0	0.0	63.0	45.9	3.0	14.1	51.9

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Flow Gaging Station	Below River Intake	Blackrock Ditch Return	Goose Lake Return	Billy Lake Return	Mazourka Canyon Road	Locust Ditch Return	Georges Ditch Return	Reinhackle Springs	Alabama Gates Return	At Pumpback Station	Pump Station	Langemann Gate to Delta	Weir to Delta	In Channel Average Flow
Date														
2/1/2010	42.9	3.0	1.1	0.8	45.9	0.0	0.7	54.0	0.0	61.0	45.9	3.0	12.1	51.0
2/2/2010	42.9	2.0	1.0	1.1	44.9	0.0	0.7	49.9	0.0	55.0	45.9	2.0	7.1	48.2
2/3/2010	41.9	2.0	1.0	1.3	44.9	0.0	0.7	52.9	0.0	61.0	46.9	3.0	11.1	50.2
2/4/2010	41.9	2.0	1.0	1.0	45.9	0.0	0.6	54.0	0.0	61.0	46.9	3.0	11.1	50.7
2/5/2010	42.9	1.0	1.1	0.8	46.9	0.0	0.6	55.0	0.0	63.0	46.9	3.0	13.1	52.0
2/6/2010	43.9	2.0	1.2	0.8	45.9	0.0	0.6	54.0	0.0	62.0	46.9	3.0	12.1	51.5
2/7/2010	42.9	2.0	1.2	1.0	45.9	0.0	0.5	54.0	0.0	61.0	47.9	3.0	10.1	51.0
2/8/2010	41.9	2.0	1.2	1.0	46.9	0.0	0.4	54.0	0.0	61.0	47.9	3.0	10.1	51.0
2/9/2010	41.9	2.0	1.2	1.3	46.9	0.0	0.4	52.9	0.0	63.0	44.9	3.0	15.1	51.2
2/10/2010	43.9	3.0	1.2	2.8	48.9	0.0	0.5	56.0	0.0	63.0	47.9	3.0	12.1	53.0
2/11/2010	41.9	3.0	1.2	2.7	47.9	0.0	0.5	55.0	0.0	62.0	46.9	3.0	12.1	51.7
2/12/2010	40.8	3.0	1.2	2.6	47.9	0.0	0.5	54.0	0.0	60.0	46.9	3.0	10.1	50.7
2/13/2010	41.9	3.0	1.1	1.7	47.9	0.0	0.5	54.0	0.0	60.0	46.9	3.0	10.1	51.0
2/14/2010	42.9	3.0	1.1	1.4	46.9	0.0	0.5	52.9	0.0	59.0	46.9	3.0	9.1	50.4
2/15/2010	41.9	2.0	1.1	1.2	45.9	0.0	0.5	52.9	0.0	59.0	47.9	3.0	8.1	49.9
2/16/2010	41.9	2.0	1.1	1.2	45.9	0.0	0.5	54.0	0.0	59.0	45.9	3.0	10.1	50.2
2/17/2010	40.8	2.0	1.1	1.2	45.9	0.0	0.5	52.9	0.0	59.0	46.9	3.0	9.1	49.6
2/18/2010	40.8	2.0	1.1	1.2	46.9	0.0	0.5	50.9	0.0	56.0	46.9	2.0	7.1	48.6
2/19/2010	41.9	2.0	1.1	1.2	45.9	0.0	0.5	52.9	0.0	60.0	46.9	3.0	10.1	50.2
2/20/2010	41.9	2.0	1.1	1.2	44.9	0.0	0.6	52.9	0.0	60.0	46.9	3.0	10.1	49.9
2/21/2010	40.8	2.0	1.1	1.1	43.9	0.0	0.5	51.9	0.0	60.0	46.9	3.0	10.1	49.2
2/22/2010	41.9	2.0	1.1	1.1	43.9	0.0	0.5	51.9	0.0	58.0	45.9	3.0	9.1	48.9
2/23/2010	42.9	2.0	1.0	1.0	43.9	0.0	0.5	51.9	0.0	59.0	46.9	3.0	9.1	49.4
2/24/2010	44.9	3.0	1.0	1.0	43.9	0.0	0.5	50.9	0.0	57.0	46.9	3.0	7.1	49.2
2/25/2010	42.9	2.0	1.0	1.0	44.9	0.0	0.5	50.9	0.0	57.0	47.9	3.0	6.1	48.9
2/26/2010	41.9	2.0	1.0	1.1	45.9	0.0	0.6	50.9	0.0	56.0	46.9	3.0	6.1	48.7
2/27/2010	42.9	2.0	1.2	1.2	46.9	0.0	0.6	51.9	0.0	57.0	46.9	3.0	7.1	49.7
2/28/2010	42.9	2.0	1.5	1.4	46.9	0.0	0.3	51.9	0.0	57.0	46.9	3.0	7.1	49.7

Notes:

These measurements are not on the main channel of the Owens River, therefore highlighted columns are not included in average calculations.

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Flow Gaging Station	Below River Intake	Blackrock Ditch Return	Goose Lake Return	Billy Lake Return	Mazourka Canyon Road	Locust Ditch Return	Georges Ditch Return	Reinhackle Springs	Alabama Gates Return	At Pumpback Station	Pump Station	Langemann Gate to Delta	Weir to Delta	In Channel Average Flow
Date														
3/1/2010	42.9	2.0	1.5	1.4	47.9	0.0	0.6	51.9	0.0	56.0	46.9	3.0	6.1	49.7
3/2/2010	40.8	2.0	1.5	1.3	48.9	0.0	0.6	54.0	0.0	56.0	47.9	4.0	4.0	49.9
3/3/2010	42.9	1.0	1.5	1.3	47.9	0.0	0.5	51.9	0.0	55.0	46.9	4.0	4.0	49.4
3/4/2010	43.9	1.0	1.5	1.4	46.9	0.0	0.4	51.9	0.0	56.0	46.9	4.0	5.0	49.7
3/5/2010	42.9	2.0	1.4	1.3	45.9	0.0	0.7	50.9	0.0	56.0	46.9	4.0	5.0	48.9
3/6/2010	41.9	2.0	1.4	1.4	45.9	0.0	0.4	50.9	0.0	56.0	46.9	4.0	5.0	48.7
3/7/2010	41.9	2.0	1.4	1.4	46.9	0.0	0.2	51.9	0.0	56.0	46.9	4.0	5.0	49.2
3/8/2010	42.9	2.0	1.3	1.4	45.9	0.0	0.1	50.9	0.0	56.0	46.9	4.0	5.0	48.9
3/9/2010	42.9	3.0	1.3	1.4	45.9	0.0	0.1	50.9	0.0	55.9	38.8	4.0	13.1	48.9
3/10/2010	41.9	2.0	1.2	1.3	45.9	0.0	0.1	50.9	0.0	57.0	46.9	4.0	6.1	48.9
3/11/2010	40.8	2.0	1.2	1.3	45.9	0.0	0.2	51.9	0.0	57.0	46.9	4.0	6.1	48.9
3/12/2010	41.9	2.0	1.1	1.4	45.9	0.0	0.1	50.9	0.0	56.0	46.9	4.0	5.0	48.7
3/13/2010	41.9	2.0	1.1	1.5	44.9	0.0	0.2	49.9	0.0	55.0	46.9	4.0	4.0	47.9
3/14/2010	41.9	2.0	1.1	1.5	43.9	0.0	0.2	48.9	0.0	54.0	45.9	4.0	4.0	47.2
3/15/2010	40.8	2.0	1.1	1.5	43.9	0.0	0.2	48.9	0.0	54.0	44.9	4.0	5.0	46.9
3/16/2010	41.9	2.0	1.1	1.5	43.9	0.0	0.1	48.9	0.0	56.0	46.9	4.0	5.0	47.7
3/17/2010	42.9	2.0	1.1	1.5	43.9	0.0	0.1	48.9	0.0	54.0	45.9	4.0	4.0	47.4
3/18/2010	42.9	2.0	1.1	1.9	44.9	0.0	0.1	48.9	0.0	53.0	45.9	4.0	3.0	47.4
3/19/2010	42.9	2.0	1.1	1.9	45.9	0.0	0.1	48.9	0.0	53.0	45.9	4.0	3.0	47.7
3/20/2010	42.9	2.0	1.0	1.9	45.9	0.0	0.1	48.9	0.0	53.0	45.9	4.0	3.0	47.7
3/21/2010	42.9	1.0	1.0	1.8	44.9	0.0	0.1	48.9	0.0	53.5	46.4	4.0	3.0	47.5
3/22/2010	42.9	2.0	0.9	1.7	45.9	0.0	0.3	49.9	0.0	54.0	46.9	4.0	3.0	48.2
3/23/2010	42.9	2.0	0.9	1.7	45.9	0.0	0.2	48.9	0.0	52.0	45.9	4.0	2.0	47.4
3/24/2010	42.9	2.0	0.9	1.6	44.9	0.0	0.2	48.9	0.0	52.0	45.9	4.0	2.0	47.2
3/25/2010	42.9	2.0	0.9	1.2	43.9	0.0	0.3	46.9	0.0	49.9	38.8	4.0	7.1	45.9
3/26/2010	42.9	2.0	1.0	1.1	43.9	0.0	0.2	47.9	0.0	51.9	46.9	4.0	1.0	46.7
3/27/2010	42.9	2.0	1.1	1.2	43.9	0.0	0.2	47.9	0.0	51.9	46.9	4.0	1.0	46.7
3/28/2010	41.9	2.0	1.2	1.4	43.9	0.0	0.2	47.9	0.0	52.0	45.9	4.0	2.0	46.4
3/29/2010	41.9	2.0	1.2	1.8	44.9	0.0	0.3	48.9	0.0	52.0	45.9	4.0	2.0	46.9
3/30/2010	41.9	2.0	1.3	1.8	45.9	0.0	0.3	47.9	0.0	49.9	30.8	4.0	15.1	46.4
3/31/2010	41.9	2.0	1.5	1.6	44.9	0.0	0.2	47.9	0.0	50.9	33.8	4.0	13.1	46.4

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 Dark grey cells indicate that measurements were estimated by LADWP staff due to technical problems.

Flow Gaging Station	Below River Intake	Blackrock Ditch Return	Goose Lake Return	Billy Lake Return	Mazourka Canyon Road	Locust Ditch Return	Georges Ditch Return	Reinhackle Springs	Alabama Gates Return	At Pumpback Station	Pump Station	Langemann Gate to Delta	Weir to Delta	In Channel Average Flow
Date														
4/1/2010	40.8	2.0	1.3	1.7	43.9	0.0	0.1	45.9	0.0	51.9	35.8	4.0	12.1	45.6
4/2/2010	40.8	2.0	1.3	1.7	43.9	0.0	0.2	48.9	0.0	53.0	46.9	4.0	2.0	46.6
4/3/2010	41.9	2.0	1.2	1.7	42.9	0.0	0.4	46.9	0.0	50.9	45.9	4.0	1.0	45.7
4/4/2010	41.9	2.0	1.2	1.7	43.9	0.0	0.3	47.9	0.0	50.9	45.9	4.0	1.0	46.2
4/5/2010	41.9	2.0	1.3	1.6	46.9	0.0	0.3	49.9	0.0	51.9	46.9	4.0	1.0	47.7
4/6/2010	42.9	2.0	1.3	1.6	47.9	0.0	0.2	49.9	0.0	51.9	46.9	4.0	1.0	48.2
4/7/2010	43.9	2.0	1.3	1.5	47.9	0.0	0.2	50.9	0.0	53.0	46.9	4.0	2.0	48.9
4/8/2010	41.9	2.0	1.2	1.5	47.9	0.0	0.2	50.9	0.0	53.0	46.9	4.0	2.0	48.4
4/9/2010	39.8	2.0	1.2	1.4	47.9	0.0	0.2	46.9	0.0	53.0	46.9	4.0	2.0	46.9
4/10/2010	41.9	3.0	1.1	1.4	45.9	0.0	0.1	48.9	0.0	51.9	46.9	4.0	1.0	47.2
4/11/2010	41.9	2.0	1.1	1.4	41.9	0.0	0.1	47.9	0.0	53.0	46.9	4.0	2.0	46.2
4/12/2010	41.9	2.0	1.1	1.4	41.9	0.0	0.1	48.9	0.0	51.9	46.9	4.0	1.0	46.2
4/13/2010	41.9	2.0	1.1	1.4	43.9	0.0	0.1	47.9	0.0	51.9	46.9	4.0	1.0	46.4
4/14/2010	41.9	2.0	1.1	1.5	44.9	0.0	0.1	51.9	0.0	51.9	46.9	4.0	1.0	47.7
4/15/2010	40.8	2.0	1.1	1.8	44.9	0.0	0.1	48.9	0.0	52.0	45.9	4.0	2.0	46.6
4/16/2010	40.8	2.0	1.0	1.9	45.9	0.0	0.1	47.9	0.0	53.0	45.9	4.0	3.0	46.9
4/17/2010	41.9	2.0	1.0	1.8	45.9	0.0	0.1	48.9	0.0	53.0	45.9	4.0	3.0	47.4
4/18/2010	42.9	2.0	0.9	1.7	45.9	0.0	0.1	49.9	0.0	53.0	45.9	4.0	3.0	47.9
4/19/2010	42.9	3.0	0.9	1.4	44.9	0.0	0.2	50.9	0.0	52.0	45.9	4.0	2.0	47.7
4/20/2010	42.9	3.0	0.9	1.1	43.9	0.0	0.2	50.9	0.0	54.0	33.8	20.2	0.0	47.9
4/21/2010	41.9	2.0	0.9	0.9	44.9	0.0	0.2	49.9	0.0	46.4	21.2	25.2	0.0	45.8
4/22/2010	40.8	2.0	0.9	0.9	45.9	0.0	0.3	48.9	0.0	48.4	23.2	25.2	0.0	46.0
4/23/2010	41.9	2.0	0.9	0.9	45.9	0.0	0.2	48.9	0.0	48.4	24.2	24.2	0.0	46.3
4/24/2010	42.9	2.0	1.0	1.1	43.9	0.0	0.1	49.9	0.0	48.4	23.2	25.2	0.0	46.3
4/25/2010	40.8	2.0	1.0	1.2	42.9	0.0	0.1	50.9	0.0	50.4	25.2	25.2	0.0	46.3
4/26/2010	41.9	2.0	1.1	1.4	43.9	0.0	0.1	50.9	0.0	49.4	24.2	25.2	0.0	46.5
4/27/2010	43.9	1.0	1.1	1.5	44.9	0.0	0.2	50.9	0.0	48.4	24.2	24.2	0.0	47.0
4/28/2010	42.9	1.0	1.1	1.5	43.9	0.0	0.2	49.9	0.0	48.4	23.2	25.2	0.0	46.3
4/29/2010	42.9	2.0	1.1	1.4	43.9	0.0	0.1	47.9	0.0	47.4	22.2	25.2	0.0	45.5
4/30/2010	41.9	2.0	1.1	1.5	43.9	0.0	0.0	48.9	0.0	49.9	37.8	12.1	0.0	46.2

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Flow Gaging Station	Below River Intake	Blackrock Ditch Return	Goose Lake Return	Billy Lake Return	Mazourka Canyon Road	Locust Ditch Return	Georges Ditch Return	Reinhackle Springs	Alabama Gates Return	At Pumpback Station	Pump Station	Langemann Gate to Delta	Weir to Delta	In Channel Average Flow
Date														
5/1/2010	42.9	2.0	1.1	1.4	44.9	0.0	0.2	48.9	0.0	50.0	41.9	8.1	0.0	46.7
5/2/2010	42.9	2.0	1.1	1.4	44.9	0.0	0.2	47.9	0.0	48.9	40.8	8.1	0.0	46.1
5/3/2010	42.9	2.0	1.1	1.3	43.9	0.0	0.4	48.9	0.0	46.9	38.8	8.1	0.0	45.6
5/4/2010	40.8	2.0	1.0	1.3	42.9	0.0	0.1	47.9	0.0	46.9	38.8	8.1	0.0	44.6
5/5/2010	40.8	2.0	1.0	1.0	41.9	0.0	0.0	47.9	0.0	45.9	38.8	7.1	0.0	44.1
5/6/2010	40.8	2.0	1.0	0.8	40.8	0.0	0.0	46.9	0.0	46.9	38.8	8.1	0.0	43.8
5/7/2010	42.9	3.0	1.0	0.9	40.8	0.0	0.0	46.9	0.0	44.9	37.8	7.1	0.0	43.9
5/8/2010	43.9	2.0	1.1	0.9	41.9	0.0	0.0	44.9	0.0	46.9	38.8	8.1	0.0	44.4
5/9/2010	43.9	2.0	1.0	0.9	42.9	0.0	0.1	42.9	0.0	44.9	37.8	7.1	0.0	43.6
5/10/2010	42.9	2.0	1.0	1.0	43.9	0.0	0.1	41.9	0.0	45.9	37.8	8.1	0.0	43.6
5/11/2010	45.9	2.0	1.0	1.1	43.9	0.0	0.1	41.9	0.0	42.9	35.8	7.1	0.0	43.6
5/12/2010	46.9	2.0	1.0	1.1	46.9	0.0	0.1	41.9	0.0	44.9	36.8	8.1	0.0	45.1
5/13/2010	46.9	1.0	1.1	1.1	46.9	0.0	0.0	42.9	0.0	43.9	35.8	8.1	0.0	45.1
5/14/2010	47.9	2.0	1.2	1.1	47.9	0.0	0.0	44.9	0.0	43.9	35.8	8.1	0.0	46.1
5/15/2010	47.9	2.0	1.2	1.1	47.9	0.0	0.0	44.9	0.0	41.9	34.8	7.1	0.0	45.6
5/16/2010	47.9	2.0	1.2	1.1	47.9	0.0	0.0	44.9	0.0	41.9	34.8	7.1	0.0	45.6
5/17/2010	48.9	2.0	1.2	1.1	48.9	0.0	0.0	44.9	0.0	40.9	33.8	7.1	0.0	45.9
5/18/2010	47.9	2.0	1.1	1.1	48.9	0.0	0.1	43.9	0.0	42.9	34.8	8.1	0.0	45.9
5/19/2010	47.9	1.0	1.0	1.1	47.9	0.0	0.2	44.9	0.0	43.9	35.8	8.1	0.0	46.1
5/20/2010	47.9	2.0	1.0	1.2	49.9	0.0	0.1	45.9	0.0	42.9	34.8	8.1	0.0	46.6
5/21/2010	47.9	2.0	0.9	1.2	47.9	0.0	0.0	45.9	0.0	42.9	34.8	8.1	0.0	46.1
5/22/2010	47.9	2.0	0.9	1.2	46.9	0.0	0.3	46.9	0.0	42.9	34.8	8.1	0.0	46.1
5/23/2010	47.9	1.0	0.9	1.1	45.9	0.0	0.4	46.9	0.0	41.9	34.8	7.1	0.0	45.6
5/24/2010	47.9	3.0	1.0	1.1	47.9	0.0	0.3	47.9	0.0	42.9	34.8	8.1	0.0	46.6
5/25/2010	47.9	2.0	1.1	1.1	47.9	0.0	0.2	45.9	0.0	40.9	32.8	8.1	0.0	45.6
5/26/2010	47.9	1.0	1.1	1.1	47.9	0.0	0.1	45.9	0.0	43.9	35.8	8.1	0.0	46.4
5/27/2010	46.9	2.0	1.1	1.1	47.9	0.0	0.5	45.9	0.0	41.9	34.8	7.1	0.0	45.6
5/28/2010	46.9	2.0	1.0	1.1	46.9	0.0	4.3	47.9	0.0	41.9	35.8	6.1	0.0	45.9
5/29/2010	46.9	2.0	1.0	1.0	46.9	0.0	6.3	51.9	0.0	42.9	34.8	8.1	0.0	47.1
5/30/2010	47.9	2.0	0.9	1.0	45.9	0.0	6.6	54.0	0.0	40.9	33.8	7.1	0.0	47.2
5/31/2010	47.9	2.0	1.1	1.3	45.9	0.0	5.8	52.9	0.0	41.9	33.8	8.1	0.0	47.1

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Flow Gaging Station	Below River Intake	Blackrock Ditch Return	Goose Lake Return	Billy Lake Return	Mazourka Canyon Road	Locust Ditch Return	Georges Ditch Return	Reinhackle Springs	Alabama Gates Return	At Pumpback Station	Pump Station	Langemann Gate to Delta	Weir to Delta	In Channel Average Flow
Date														
6/1/2010	47.9	2.0	0.8	1.1	45.9	0.9	6.7	52.9	0.0	42.9	34.8	8.1	0.0	47.4
6/2/2010	47.9	1.0	0.8	1.1	46.9	0.8	8.4	52.9	0.0	44.9	36.8	8.1	0.0	48.1
6/3/2010	47.9	2.0	0.8	1.2	46.9	0.0	9.0	54.0	0.0	45.9	37.8	8.1	0.0	48.7
6/4/2010	48.9	3.0	0.9	1.2	46.9	0.0	8.3	54.0	0.0	44.9	36.8	8.1	0.0	48.7
6/5/2010	47.9	2.0	1.0	1.3	46.9	0.0	7.9	54.0	0.0	43.9	35.8	8.1	0.0	48.2
6/6/2010	47.9	2.0	1.1	1.3	46.9	0.0	8.2	52.9	0.0	43.9	35.8	8.1	0.0	47.9
6/7/2010	47.9	2.0	1.0	1.3	47.9	0.0	8.2	51.9	0.0	43.9	35.8	8.1	0.0	47.9
6/8/2010	46.9	2.0	0.9	1.3	46.9	0.0	8.1	51.9	0.0	42.9	34.8	8.1	0.0	47.1
6/9/2010	47.9	2.0	0.7	1.3	46.9	0.0	7.6	50.9	0.0	42.9	34.8	8.1	0.0	47.1
6/10/2010	47.9	2.0	0.7	1.2	45.9	0.0	7.5	49.9	0.0	41.9	33.8	8.1	0.0	46.4
6/11/2010	47.9	2.0	0.8	1.2	43.9	0.0	7.2	49.9	0.0	39.9	32.8	7.1	0.0	45.4
6/12/2010	47.9	2.0	0.9	1.4	44.9	0.0	7.8	48.9	0.0	39.9	32.8	7.1	0.0	45.4
6/13/2010	47.9	2.0	1.0	1.4	45.9	0.0	7.9	49.9	0.0	40.9	32.8	8.1	0.0	46.1
6/14/2010	47.9	2.0	1.1	1.6	45.9	2.8	7.8	48.9	0.0	39.9	31.8	8.1	0.0	45.6
6/15/2010	47.9	2.0	1.1	1.6	45.9	6.9	7.7	49.9	0.0	38.9	31.8	7.1	0.0	45.6
6/16/2010	47.9	2.0	1.2	1.5	45.9	6.4	8.5	49.9	0.0	39.9	31.8	8.1	0.0	45.9
6/17/2010	46.9	2.0	1.2	1.5	46.9	7.5	8.5	55.0	0.0	39.9	31.8	8.1	0.0	47.2
6/18/2010	47.9	2.0	1.3	1.6	46.9	8.3	6.4	56.0	0.0	38.9	30.8	8.1	0.0	47.4
6/19/2010	46.9	2.0	1.3	1.6	46.9	8.6	7.5	55.0	0.0	38.9	30.8	8.1	0.0	46.9
6/20/2010	46.9	2.0	1.2	1.6	46.9	8.9	7.8	58.0	0.0	37.9	30.8	7.1	0.0	47.4
6/21/2010	46.9	2.0	1.2	1.6	46.9	9.2	7.6	59.0	0.0	38.9	30.8	8.1	0.0	47.9
6/22/2010	46.9	3.0	1.1	1.6	45.9	9.1	6.4	58.0	0.0	40.9	32.8	8.1	0.0	47.9
6/23/2010	47.9	2.0	1.2	1.6	45.9	7.9	6.2	58.0	0.0	40.9	32.8	8.1	0.0	48.2
6/24/2010	48.9	2.0	1.2	1.7	45.9	7.0	6.2	58.0	0.0	40.9	32.8	8.1	0.0	48.4
6/25/2010	52.9	2.0	1.2	1.8	45.9	7.0	6.2	58.0	0.0	41.9	33.8	8.1	0.0	49.7
6/26/2010	65.0	2.0	1.2	1.8	45.9	7.2	6.2	56.0	0.0	41.9	33.8	8.1	0.0	52.2
6/27/2010	84.2	2.0	1.2	1.8	46.9	7.2	6.2	55.0	0.0	40.9	32.8	8.1	0.0	56.7
6/28/2010	114.0	2.0	1.2	1.9	49.9	7.4	6.2	55.0	0.0	40.9	33.8	7.1	0.0	64.9
6/29/2010	153.0	2.0	1.2	1.9	54.0	7.3	6.2	54.0	0.0	39.9	32.8	7.1	0.0	75.2
6/30/2010	192.0	2.0	1.2	1.9	67.1	7.2	6.4	54.0	0.0	40.9	32.8	8.1	0.0	88.5

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Date														
7/1/2010	173.0	1.0	1.0	1.9	73.1	7.1	6.3	55.0	0.0	38.9	31.8	7.1	0.0	85.0
7/2/2010	131.0	1.0	0.9	2.0	90.8	7.6	6.4	57.0	0.0	38.9	30.8	8.1	0.0	79.4
7/3/2010	107.0	2.0	0.9	2.0	107.0	7.8	5.5	61.0	0.0	38.4	30.3	8.1	0.0	78.3
7/4/2010	85.2	2.0	0.8	1.9	121.0	7.8	5.5	67.1	0.0	38.4	30.3	8.1	0.0	77.9
7/5/2010	65.0	2.0	0.8	1.8	125.0	8.1	5.9	74.1	0.0	38.4	30.3	8.1	0.0	75.6
7/6/2010	52.9	2.0	0.8	1.5	112.0	8.1	6.0	90.8	0.0	37.4	30.3	7.1	0.0	73.3
7/7/2010	47.9	3.0	0.8	1.3	102.0	8.0	6.1	101.0	0.0	41.9	33.8	8.1	0.0	73.2
7/8/2010	47.9	3.0	0.8	1.3	87.2	8.3	6.3	109.0	0.0	43.9	35.8	8.1	0.0	72.0
7/9/2010	68.1	2.0	0.8	1.4	80.2	7.9	6.3	116.0	0.0	45.9	38.8	7.1	0.0	77.5
7/10/2010	81.2	2.0	0.8	1.4	70.1	7.0	6.4	115.0	0.0	51.0	43.9	7.1	0.0	79.3
7/11/2010	81.2	3.0	0.9	1.4	64.0	7.8	6.4	112.0	0.0	55.0	46.9	8.1	0.0	78.0
7/12/2010	80.2	2.0	1.0	1.4	68.1	7.8	6.5	105.0	0.0	62.0	46.9	8.1	7.1	78.8
7/13/2010	79.2	2.0	1.1	1.3	76.1	7.6	6.4	90.8	0.0	69.1	46.9	8.1	14.1	78.8
7/14/2010	80.2	2.0	1.2	1.3	80.2	7.3	6.1	82.2	0.0	74.2	46.9	8.1	19.2	79.2
7/15/2010	81.2	2.0	1.2	1.2	81.2	6.4	4.7	74.1	0.0	76.2	45.9	8.1	22.2	78.2
7/16/2010	79.2	2.0	1.2	1.1	81.2	5.5	4.0	72.1	0.0	76.2	46.9	7.1	22.2	77.2
7/17/2010	81.2	2.0	1.1	1.0	81.2	5.1	3.8	75.1	0.0	74.2	46.9	8.1	19.2	77.9
7/18/2010	79.2	2.0	1.0	1.0	81.2	4.3	4.5	77.1	0.0	69.1	46.9	8.1	14.1	76.6
7/19/2010	80.2	3.0	0.9	0.9	82.2	3.9	4.5	78.1	0.0	62.0	46.9	7.1	8.1	75.6
7/20/2010	81.2	2.0	0.9	0.8	82.2	2.6	2.3	76.1	0.0	54.9	39.8	7.1	8.1	73.6
7/21/2010	81.2	3.0	0.9	0.9	81.2	2.6	1.9	74.1	0.0	55.0	43.9	8.1	3.0	72.9
7/22/2010	80.2	2.0	0.9	1.0	81.2	1.6	1.0	72.1	0.0	55.0	46.9	8.1	0.0	72.1
7/23/2010	81.2	2.0	0.9	1.0	80.2	0.0	0.1	69.1	0.0	54.0	46.9	7.1	0.0	71.1
7/24/2010	80.2	2.0	0.9	1.1	80.2	0.0	0.0	68.1	0.0	53.0	45.9	7.1	0.0	70.4
7/25/2010	81.2	2.0	0.9	1.1	79.2	0.0	0.0	67.1	0.0	51.0	43.9	7.1	0.0	69.6
7/26/2010	80.2	2.0	0.9	1.0	79.2	0.0	0.0	66.0	0.0	52.0	43.9	8.1	0.0	69.3
7/27/2010	79.2	2.0	0.9	1.0	78.1	0.0	0.0	64.0	0.0	53.0	44.9	8.1	0.0	68.6
7/28/2010	80.2	3.0	0.9	1.0	78.1	0.0	0.0	64.0	0.0	53.0	44.9	8.1	0.0	68.8
7/29/2010	79.2	3.0	0.9	0.8	78.1	0.0	0.0	66.0	0.0	48.9	40.8	8.1	0.0	68.0
7/30/2010	81.2	3.0	0.9	0.8	78.1	0.0	0.0	66.0	0.0	47.9	40.8	7.1	0.0	68.3
7/31/2010	80.2	2.0	1.0	0.9	78.1	0.0	0.0	66.0	0.0	46.9	38.8	8.1	0.0	67.8

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Date														
8/1/2010	79.2	2.0	0.9	0.8	79.2	0.0	0.0	66.0	0.0	44.9	38.8	6.1	0.0	67.3
8/2/2010	81.2	2.0	0.9	0.8	81.2	0.0	0.0	65.0	0.0	45.9	37.8	8.1	0.0	68.3
8/3/2010	80.2	2.0	0.9	0.9	81.2	0.0	0.0	64.0	0.0	44.9	37.8	7.1	0.0	67.6
8/4/2010	80.2	2.0	0.9	0.9	82.2	0.0	0.0	65.0	0.0	45.9	37.8	8.1	0.0	68.3
8/5/2010	80.2	2.0	0.8	0.9	83.2	0.0	0.0	65.0	0.0	45.9	37.8	8.1	0.0	68.6
8/6/2010	80.2	2.0	0.8	1.0	82.2	0.0	0.0	66.0	0.0	44.9	36.8	8.1	0.0	68.3
8/7/2010	79.2	2.0	0.7	1.0	82.2	0.0	0.0	66.0	0.0	42.9	36.8	6.1	0.0	67.6
8/8/2010	81.2	2.0	0.7	1.0	81.2	0.0	0.0	67.1	0.0	44.9	36.8	8.1	0.0	68.6
8/9/2010	80.2	3.0	0.7	1.0	80.2	0.0	0.0	67.1	0.0	44.9	36.8	8.1	0.0	68.1
8/10/2010	79.2	2.0	0.8	1.0	79.2	0.0	0.0	68.1	0.0	45.9	37.8	8.1	0.0	68.1
8/11/2010	80.2	2.0	0.8	1.0	81.2	0.0	0.0	68.6	0.0	46.9	38.8	8.1	0.0	69.2
8/12/2010	81.2	2.0	0.8	0.8	82.2	0.0	0.0	70.1	0.0	47.9	39.8	8.1	0.0	70.3
8/13/2010	79.2	2.0	0.8	0.9	81.2	0.0	0.0	69.1	0.0	47.9	40.8	7.1	0.0	69.3
8/14/2010	80.2	2.0	0.8	0.9	79.2	0.0	0.0	69.1	0.0	48.9	40.8	8.1	0.0	69.3
8/15/2010	79.2	3.0	0.9	1.0	79.2	0.0	0.0	70.1	0.0	49.0	41.9	7.1	0.0	69.4
8/16/2010	81.2	2.0	0.9	1.0	79.2	0.0	0.0	70.1	0.0	50.0	41.9	8.1	0.0	70.1
8/17/2010	81.2	2.0	0.9	1.0	82.2	0.0	0.0	70.1	0.0	49.0	42.9	6.1	0.0	70.6
8/18/2010	72.1	2.0	0.9	1.0	84.2	0.0	0.0	70.1	0.0	50.0	41.9	8.1	0.0	69.1
8/19/2010	67.1	2.0	0.9	1.0	86.2	0.0	0.0	70.1	0.0	49.0	41.9	7.1	0.0	68.1
8/20/2010	68.1	2.0	0.9	1.1	86.2	0.0	0.0	70.1	0.0	50.0	41.9	8.1	0.0	68.6
8/21/2010	70.1	2.0	0.9	1.1	84.2	0.0	0.0	70.1	0.0	51.0	42.9	8.1	0.0	68.8
8/22/2010	70.1	2.0	0.9	1.1	80.2	0.0	0.0	71.1	0.0	49.0	41.9	7.1	0.0	67.6
8/23/2010	69.1	2.0	0.9	1.1	77.1	0.0	0.0	72.1	0.0	48.9	40.8	8.1	0.0	66.8
8/24/2010	73.1	2.0	0.9	1.0	77.1	0.0	0.0	72.1	0.0	48.9	40.8	8.1	0.0	67.8
8/25/2010	71.1	2.0	0.9	0.9	78.1	0.0	0.0	71.1	0.0	47.9	40.8	7.1	0.0	67.0
8/26/2010	71.1	2.0	0.9	0.9	78.1	0.0	0.0	69.1	0.0	50.0	41.9	8.1	0.0	67.1
8/27/2010	71.1	2.0	0.9	0.8	78.1	0.0	0.0	67.1	0.0	51.0	42.9	8.1	0.0	66.8
8/28/2010	68.1	2.0	0.9	0.8	76.1	0.0	0.0	66.0	0.0	51.0	43.9	7.1	0.0	65.3
8/29/2010	68.1	2.0	0.9	0.7	76.1	0.0	0.0	65.0	0.0	53.0	44.9	8.1	0.0	65.5
8/30/2010	67.1	3.0	0.9	0.7	75.1	0.0	0.0	65.0	0.0	52.0	44.9	7.1	0.0	64.8
8/31/2010	66.0	2.0	1.0	0.7	72.1	0.0	0.0	65.0	0.0	51.0	43.9	7.1	0.0	63.5

Notes: These measurements are not on the main channel of the Owens River, therefore highlighted columns are not included in average calculations.

Flow Gaging Station	Below River Intake	Blackrock Ditch Return	Goose Lake Return	Billy Lake Return	Mazourka Canyon Road	Locust Ditch Return	Georges Ditch Return	Reinhackle Springs	Alabama Gates Return	At Pumpback Station	Pump Station	Langemann Gate to Delta	Weir to Delta	In Channel Average Flow
Date														
9/1/2010	64.0	2.0	0.9	0.9	72.1	0.0	0.0	64.0	0.0	48.4	29.2	19.2	0.0	62.1
9/2/2010	66.0	2.0	0.9	1.0	72.1	0.0	0.0	64.0	0.0	47.4	22.2	25.2	0.0	62.4
9/3/2010	64.0	2.0	0.9	1.0	70.1	0.0	0.0	64.0	0.0	47.4	22.2	25.2	0.0	61.4
9/4/2010	64.0	2.0	1.0	1.1	69.1	0.0	0.0	63.0	0.0	47.4	22.2	25.2	0.0	60.9
9/5/2010	65.0	3.0	1.0	1.1	68.1	0.0	0.0	63.0	0.0	47.4	22.2	25.2	0.0	60.9
9/6/2010	65.0	2.0	1.0	0.8	67.1	0.0	0.0	62.0	0.0	48.4	23.2	25.2	0.0	60.6
9/7/2010	64.0	2.0	1.0	0.9	67.1	0.0	0.0	60.0	0.0	47.4	22.2	25.2	0.0	59.6
9/8/2010	65.0	2.0	1.0	0.9	67.1	0.0	0.0	59.0	0.0	44.4	19.2	25.2	0.0	58.9
9/9/2010	64.0	3.0	1.0	0.9	68.1	0.0	0.0	59.0	0.0	45.4	20.2	25.2	0.0	59.1
9/10/2010	65.0	2.0	1.0	0.9	68.1	0.0	0.0	59.0	0.0	45.4	20.2	25.2	0.0	59.4
9/11/2010	66.0	2.0	1.0	1.0	68.1	0.0	0.0	59.0	0.0	47.9	34.8	13.1	0.0	60.3
9/12/2010	66.0	2.0	1.0	1.0	68.1	0.0	0.0	59.0	0.0	44.9	37.8	7.1	0.0	59.5
9/13/2010	64.0	3.0	1.0	1.0	69.1	0.0	0.0	60.0	0.0	43.9	35.8	8.1	0.0	59.2
9/14/2010	64.0	3.0	1.0	1.1	70.1	0.0	0.0	59.0	0.0	44.9	37.8	7.1	0.0	59.5
9/15/2010	62.0	2.0	1.0	1.2	71.1	0.0	0.0	60.0	0.0	43.9	36.8	7.1	0.0	59.2
9/16/2010	63.0	2.0	1.0	1.2	71.1	0.0	0.0	60.0	0.0	42.9	34.8	8.1	0.0	59.2
9/17/2010	60.0	3.0	1.0	1.1	71.1	0.0	0.0	61.0	0.0	45.9	37.8	8.1	0.0	59.5
9/18/2010	58.0	2.0	1.0	1.1	70.1	0.0	0.0	62.0	0.0	45.9	37.8	8.1	0.0	59.0
9/19/2010	60.0	2.0	1.0	0.9	69.1	0.0	0.0	62.0	0.0	45.9	37.8	8.1	0.0	59.2
9/20/2010	61.0	3.0	1.0	0.8	68.1	0.0	0.0	62.0	0.0	46.9	38.8	8.1	0.0	59.5
9/21/2010	59.0	2.0	1.0	0.7	67.1	0.0	0.0	62.0	0.0	46.9	38.8	8.1	0.0	58.7
9/22/2010	56.0	2.0	1.0	0.5	67.1	0.0	0.0	62.0	0.0	46.9	39.8	7.1	0.0	58.0
9/23/2010	56.0	2.0	1.0	0.6	66.0	0.0	0.0	61.0	0.0	47.9	39.8	8.1	0.0	57.7
9/24/2010	56.0	2.0	1.0	0.8	66.0	0.0	0.0	60.0	0.0	48.9	40.8	8.1	0.0	57.7
9/25/2010	56.0	2.0	0.9	0.9	64.0	0.0	0.0	60.0	0.0	48.9	40.8	8.1	0.0	57.2
9/26/2010	56.0	2.0	0.9	1.0	63.0	0.0	0.0	59.0	0.0	49.0	41.9	7.1	0.0	56.7
9/27/2010	56.0	3.0	1.0	1.0	62.0	0.0	0.0	58.0	0.0	50.0	41.9	8.1	0.0	56.5
9/28/2010	51.9	4.0	1.0	1.1	62.0	0.0	0.0	57.0	0.0	49.0	41.9	7.1	0.0	55.0
9/29/2010	48.9	4.0	1.0	1.0	63.0	0.0	0.0	57.0	0.0	50.0	41.9	8.1	0.0	54.7
9/30/2010	48.9	5.0	1.2	0.9	63.0	0.0	0.0	56.0	0.0	48.9	40.8	8.1	0.0	54.2

Notes: These measurements are not on the main channel of the Owens River, therefore highlighted columns are not included in average calculations.
 Dark grey cells indicate that measurements were estimated by LADWP staff due to technical problems.