

RIO GRANDE CANALIZATION PROJECT
WATER BUDGET STUDY
Final Report

Appendix B - River, Diversion, and Drain Gage Data Summary

Note: The Haynor, Picacho, and Anthony gages were not used in the HEC-RAS calibration.

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
1/1/2010	74.4	7.3	5.6	0.0	5.8
1/2/2010	77.7	7.3	5.7	0.0	5.8
1/3/2010	77.0	7.2	5.7	0.0	5.9
1/4/2010	77.9	7.1	6.1	0.0	5.8
1/5/2010	78.7	6.8	5.6	0.0	5.9
1/6/2010	79.8	6.9	5.7	0.0	5.9
1/7/2010	79.9	7.0	5.7	0.0	5.8
1/8/2010	80.0	6.9	5.7	0.0	5.7
1/9/2010	80.8	6.8	6.0	0.0	5.7
1/10/2010	81.3	6.3	6.1	0.0	5.8
1/11/2010	78.7	6.7	5.6	0.0	5.8
1/12/2010	76.2	7.9	5.2	0.0	6.0
1/13/2010	77.5	8.4	4.9	0.0	6.2
1/14/2010	80.1	8.0	4.7	0.0	6.3
1/15/2010	79.5	8.2	4.6	0.0	6.2
1/16/2010	79.3	8.1	4.6	0.0	6.2
1/17/2010	79.7	8.4	4.5	0.0	6.2
1/18/2010	79.6	8.0	4.3	0.0	6.1
1/19/2010	71.3	8.0	4.2	0.0	6.2
1/20/2010	77.9	8.5	4.3	0.0	6.2
1/21/2010	80.8	8.6	4.2	0.0	6.1
1/22/2010	81.0	9.0	4.5	0.0	6.4
1/23/2010	85.7	9.4	5.0	0.0	6.4
1/24/2010	82.2	8.0	5.0	0.0	6.0
1/25/2010	83.3	6.7	4.7	0.0	5.4
1/26/2010	84.5	4.7	4.7	0.0	5.0
1/27/2010	85.3	4.6	4.5	0.0	5.1
1/28/2010	88.8	4.5	4.8	0.0	5.7
1/29/2010	88.7	5.3	4.8	0.0	5.4
1/30/2010	0.0	10.4	4.5	0.0	5.1
1/31/2010	0.0	10.2	4.2	0.0	5.2
2/1/2010	0.0	10.2	4.1	0.0	5.2
2/2/2010	0.0	10.0	4.0	0.0	5.2
2/3/2010	0.0	10.4	4.3	0.0	5.3
2/4/2010	0.0	11.8	4.5	0.0	5.5
2/5/2010	0.0	12.1	4.6	0.0	5.3
2/6/2010	0.0	12.2	4.5	0.0	5.2
2/7/2010	0.0	12.7	4.4	0.0	5.2
2/8/2010	83.0	11.7	4.4	0.0	5.2
2/9/2010	78.7	5.6	4.3	0.0	5.1
2/10/2010	81.0	2.2	4.4	0.0	3.1
2/11/2010	82.5	2.2	5.2	0.0	3.3
2/12/2010	80.2	2.5	5.5	0.0	3.4
2/13/2010	82.3	3.1	5.4	0.0	4.5
2/14/2010	83.3	3.3	5.4	0.0	5.0
2/15/2010	0.0	0.0	0.0	0.0	0.0
2/16/2010	85.2	3.6	5.2	0.0	5.1

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
2/17/2010	86.1	2.9	5.3	0.0	4.5
2/18/2010	83.4	2.4	5.3	7.1	4.4
2/19/2010	68.4	2.3	5.4	7.3	6.1
2/20/2010	79.8	2.6	6.1	7.2	6.8
2/21/2010	80.9	3.2	6.1	7.0	6.7
2/22/2010	83.5	3.0	6.2	6.9	6.7
2/23/2010	85.0	3.2	5.1	7.0	6.7
2/24/2010	86.5	3.7	5.0	6.8	6.3
2/25/2010	89.6	3.9	5.0	6.9	6.5
2/26/2010	90.8	3.8	4.9	6.7	6.4
2/27/2010	92.1	3.8	4.9	6.7	6.5
2/28/2010	94.9	3.9	4.8	6.9	6.6
3/1/2010	94.4	3.7	4.9	6.6	6.3
3/2/2010	94.0	3.6	5.1	6.4	5.9
3/3/2010	95.3	2.4	4.9	6.5	5.9
3/4/2010	95.6	1.3	4.9	6.4	5.9
3/5/2010	94.3	1.7	5.2	6.5	5.9
3/6/2010	94.3	1.2	5.3	6.6	5.8
3/7/2010	93.9	2.1	5.3	7.1	6.0
3/8/2010	93.2	3.3	5.3	8.6	6.1
3/9/2010	92.7	3.3	5.3	9.0	6.0
3/10/2010	93.8	3.3	5.4	11.6	6.1
3/11/2010	83.6	3.3	5.5	13.4	6.1
3/12/2010	84.9	3.1	5.3	15.5	6.0
3/13/2010	88.7	2.9	5.2	16.4	6.1
3/14/2010	91.7	2.8	5.3	23.4	6.2
3/15/2010	92.5	2.8	5.3	27.2	6.2
3/16/2010	92.9	1.8	4.9	28.7	6.1
3/17/2010	92.6	1.6	4.3	41.3	6.3
3/18/2010	94.3	1.6	4.2	50.9	6.6
3/19/2010	93.7	1.8	4.3	49.9	6.1
3/20/2010	86.9	0.2	4.4	38.0	5.4
3/21/2010	84.0	0.0	4.3	37.9	5.1
3/22/2010	83.7	0.1	4.4	45.8	5.5
3/23/2010	77.3	0.1	6.3	45.0	5.8
3/24/2010	67.6	0.1	5.0	48.9	5.7
3/25/2010	74.6	0.1	5.1	58.8	5.6
3/26/2010	77.6	0.0	5.7	54.0	5.6
3/27/2010	82.2	0.4	6.5	40.1	5.6
3/28/2010	0.0	0.0	0.0	0.0	0.0
3/29/2010	84.4	4.8	7.2	58.7	6.6
3/30/2010	95.9	1.4	6.4	59.6	6.6
3/31/2010	80.1	1.3	8.5	59.8	6.8
4/1/2010	74.4	1.8	9.2	56.0	6.9
4/2/2010	90.3	2.6	6.3	46.5	7.0
4/3/2010	89.1	4.7	8.6	40.6	7.4
4/4/2010	108.8	4.2	10.3	40.2	10.2

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
4/5/2010	101.5	3.2	12.2	44.1	8.8
4/6/2010	94.1	10.6	9.2	46.1	14.3
4/7/2010	97.9	3.0	9.0	54.2	10.1
4/8/2010	100.8	1.7	7.7	55.4	10.2
4/9/2010	91.5	1.4	7.9	54.4	11.1
4/10/2010	94.0	4.0	7.7	40.0	12.7
4/11/2010	100.0	5.5	9.4	34.9	13.2
4/12/2010	94.2	1.2	10.0	38.3	14.1
4/13/2010	98.7	1.3	13.6	36.5	17.5
4/14/2010	93.2	6.8	21.7	38.0	16.6
4/15/2010	92.1	12.7	18.1	42.1	15.3
4/16/2010	92.3	7.2	13.3	36.6	15.2
4/17/2010	91.8	5.8	6.4	37.5	15.4
4/18/2010	92.9	5.9	11.9	30.1	19.5
4/19/2010	86.0	5.2	8.8	16.9	18.0
4/20/2010	40.4	10.3	6.7	20.8	17.9
4/21/2010	15.4	7.7	6.5	19.9	18.3
4/22/2010	4.7	12.7	6.2	18.3	20.1
4/23/2010	8.9	8.6	6.2	18.0	19.6
4/24/2010	16.7	14.8	6.3	17.3	18.7
4/25/2010	4.0	20.3	6.4	17.1	18.4
4/26/2010	15.5	27.1	9.8	18.8	34.3
4/27/2010	17.8	11.1	10.4	17.5	28.4
4/28/2010	11.0	9.8	9.1	17.6	21.1
4/29/2010	4.6	11.0	9.7	17.9	25.9
4/30/2010	5.3	10.0	9.3	19.0	25.2
5/1/2010	5.9	7.9	8.5	21.3	26.1
5/2/2010	4.4	9.5	8.4	19.8	25.7
5/3/2010	16.9	8.6	8.3	19.6	27.5
5/4/2010	29.3	9.4	8.5	20.2	22.5
5/5/2010	46.5	11.6	8.6	21.4	22.4
5/6/2010	17.1	9.7	9.0	23.2	23.5
5/7/2010	32.8	12.8	10.3	23.3	21.5
5/8/2010	27.8	10.3	8.4	21.9	24.9
5/9/2010	24.3	11.0	7.7	20.5	23.5
5/10/2010	16.2	10.5	9.7	20.4	25.6
5/11/2010	12.0	10.2	7.1	20.6	25.4
5/12/2010	12.7	8.9	8.8	20.7	26.8
5/13/2010	11.2	8.7	7.3	27.4	24.6
5/14/2010	10.7	8.9	7.8	32.9	25.2
5/15/2010	10.1	10.4	8.6	31.4	25.5
5/16/2010	17.1	10.6	6.4	34.5	24.9
5/17/2010	11.3	11.8	6.2	36.0	25.9
5/18/2010	11.5	11.8	6.7	34.9	25.4
5/19/2010	9.5	9.5	6.6	36.1	25.4
5/20/2010	15.4	10.1	6.1	23.6	24.4
5/21/2010	13.7	9.6	5.9	24.9	24.1

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
5/22/2010	17.9	9.0	6.3	23.9	24.6
5/23/2010	18.4	13.2	10.6	25.7	25.4
5/24/2010	16.9	12.8	11.1	22.9	25.5
5/25/2010	14.8	11.1	8.6	21.9	25.6
5/26/2010	14.4	9.8	8.7	31.0	28.2
5/27/2010	17.5	9.4	11.7	31.1	25.4
5/28/2010	12.9	9.0	9.0	33.0	24.7
5/29/2010	13.0	9.0	9.9	25.9	24.6
5/30/2010	12.8	10.9	11.8	25.1	25.6
5/31/2010	14.1	11.9	8.8	24.3	25.2
6/1/2010	12.4	8.8	10.2	23.2	25.4
6/2/2010	20.1	8.8	10.8	20.3	26.0
6/3/2010	14.0	9.3	9.3	26.4	24.5
6/4/2010	13.3	9.7	9.0	32.3	25.3
6/5/2010	11.7	10.0	9.2	31.4	25.7
6/6/2010	12.4	9.1	14.2	52.2	25.9
6/7/2010	14.4	12.6	10.7	55.0	28.7
6/8/2010	11.3	12.1	9.6	54.4	29.5
6/9/2010	13.7	9.0	10.9	72.2	27.2
6/10/2010	13.7	9.7	8.3	66.0	24.5
6/11/2010	10.9	14.0	9.4	69.9	28.2
6/12/2010	19.1	8.8	8.0	58.9	28.6
6/13/2010	14.6	11.6	7.9	65.6	28.4
6/14/2010	11.0	10.0	8.5	69.0	28.1
6/15/2010	13.4	9.2	8.5	69.7	29.1
6/16/2010	13.5	6.9	9.6	71.1	28.7
6/17/2010	21.0	6.5	8.1	74.7	27.6
6/18/2010	11.8	7.6	8.4	72.4	27.5
6/19/2010	13.0	8.0	9.6	66.9	27.4
6/20/2010	13.3	7.1	13.8	61.8	27.6
6/21/2010	17.6	8.9	11.1	61.4	29.0
6/22/2010	20.4	6.8	8.0	60.1	28.4
6/23/2010	14.6	5.5	11.6	59.3	29.3
6/24/2010	15.3	5.9	9.9	59.1	30.9
6/25/2010	12.1	5.1	9.6	61.7	30.5
6/26/2010	10.7	6.6	10.8	68.1	30.9
6/27/2010	10.5	11.0	11.2	78.1	32.4
6/28/2010	10.4	8.7	12.4	77.1	33.2
6/29/2010	13.6	21.6	12.1	82.9	36.6
6/30/2010	10.9	16.9	12.0	70.4	35.2
7/1/2010	11.2	17.2	13.8	47.9	34.4
7/2/2010	10.8	23.0	15.2	45.0	34.1
7/3/2010	12.6	8.6	17.3	45.7	35.2
7/4/2010	19.5	9.0	16.2	34.2	35.0
7/5/2010	18.5	14.0	11.4	33.1	34.6
7/6/2010	11.7	13.8	9.4	47.4	33.8
7/7/2010	10.5	13.9	8.8	53.2	33.0

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
7/8/2010	9.3	13.9	9.0	65.7	31.9
7/9/2010	9.7	11.5	9.5	63.4	32.9
7/10/2010	15.7	13.7	10.8	56.9	34.0
7/11/2010	9.8	15.9	9.6	65.5	36.6
7/12/2010	10.3	38.2	11.2	115.9	38.4
7/13/2010	12.1	27.6	9.5	53.2	38.5
7/14/2010	11.1	16.3	9.5	65.1	37.9
7/15/2010	13.1	12.3	9.1	58.6	36.6
7/16/2010	12.2	11.5	9.3	59.5	36.2
7/17/2010	15.3	12.2	10.2	49.9	35.9
7/18/2010	10.4	15.1	9.7	54.5	35.2
7/19/2010	11.8	15.7	9.4	51.5	35.0
7/20/2010	13.7	15.8	10.0	52.0	35.3
7/21/2010	23.7	16.3	9.0	59.9	36.5
7/22/2010	14.9	15.8	10.5	60.2	36.7
7/23/2010	16.5	17.7	10.4	63.4	34.7
7/24/2010	23.0	20.0	11.2	93.9	34.2
7/25/2010	19.7	20.0	14.9	73.8	34.4
7/26/2010	16.2	17.3	17.8	136.2	39.9
7/27/2010	18.4	16.4	14.3	137.6	45.3
7/28/2010	21.4	17.6	12.1	60.3	43.9
7/29/2010	20.8	15.8	13.4	67.0	36.3
7/30/2010	16.2	18.6	11.7	75.2	35.5
7/31/2010	18.4	16.9	11.6	60.5	35.7
8/1/2010	12.9	16.2	10.9	60.9	37.9
8/2/2010	13.2	18.9	10.6	59.6	38.8
8/3/2010	15.0	22.4	10.4	51.8	36.7
8/4/2010	14.0	17.5	10.0	47.0	36.3
8/5/2010	22.0	16.2	9.9	51.3	34.8
8/6/2010	15.7	15.9	10.1	43.2	32.9
8/7/2010	16.5	17.0	11.1	42.2	32.4
8/8/2010	14.8	15.5	12.3	54.0	38.5
8/9/2010	18.5	15.6	11.3	54.2	39.0
8/10/2010	25.3	18.0	11.7	57.3	46.7
8/11/2010	20.6	21.6	12.2	65.3	40.4
8/12/2010	17.9	20.0	12.7	58.6	36.2
8/13/2010	17.7	16.7	12.4	59.3	33.9
8/14/2010	19.4	16.5	12.4	62.2	34.0
8/15/2010	16.7	17.8	13.1	56.5	35.7
8/16/2010	23.0	19.0	13.0	62.6	33.1
8/17/2010	20.1	19.1	13.2	61.7	31.9
8/18/2010	14.7	22.4	12.1	65.2	33.3
8/19/2010	13.3	23.3	14.0	69.1	36.5
8/20/2010	13.8	22.1	14.9	64.1	38.3
8/21/2010	23.6	19.4	15.0	59.4	37.0
8/22/2010	15.2	21.9	12.9	69.7	37.1
8/23/2010	29.8	29.8	16.9	69.7	37.6

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
8/24/2010	35.1	24.0	13.3	69.0	37.8
8/25/2010	30.5	40.9	25.2	126.3	47.4
8/26/2010	14.6	24.0	27.3	66.6	38.2
8/27/2010	14.1	21.5	13.7	53.2	37.4
8/28/2010	13.8	20.5	14.6	49.2	35.1
8/29/2010	16.0	19.3	11.7	51.9	40.9
8/30/2010	20.0	19.4	11.7	44.7	45.7
8/31/2010	18.2	19.0	13.8	42.6	40.8
9/1/2010	18.7	19.5	12.8	38.0	38.2
9/2/2010	16.9	22.5	13.7	31.4	36.7
9/3/2010	19.0	21.5	19.9	30.0	36.6
9/4/2010	20.4	23.1	15.3	31.0	37.3
9/5/2010	23.9	21.6	14.4	33.5	40.6
9/6/2010	19.7	22.9	13.1	31.8	39.4
9/7/2010	15.8	18.2	16.9	29.2	36.4
9/8/2010	19.4	13.2	16.3	28.9	36.7
9/9/2010	22.2	12.1	14.9	28.8	37.6
9/10/2010	21.5	12.2	17.1	28.3	39.0
9/11/2010	21.4	12.4	13.1	29.7	39.8
9/12/2010	20.6	12.6	12.9	29.8	41.8
9/13/2010	20.7	12.7	13.1	33.6	41.3
9/14/2010	19.8	12.9	12.3	28.9	35.7
9/15/2010	19.2	13.0	11.7	29.6	34.7
9/16/2010	17.6	13.2	11.2	26.2	35.0
9/17/2010	16.7	13.4	10.9	25.1	36.9
9/18/2010	15.7	13.5	10.6	24.2	34.4
9/19/2010	14.8	13.7	10.4	23.1	32.5
9/20/2010	14.5	13.9	10.2	22.6	31.8
9/21/2010	15.4	14.0	10.6	24.0	33.0
9/22/2010	15.1	14.4	10.3	23.2	32.0
9/23/2010	17.0	9.9	11.7	23.7	33.5
9/24/2010	15.6	4.9	10.7	22.7	34.1
9/25/2010	15.1	0.6	10.0	22.0	33.3
9/26/2010	14.5	3.0	9.9	21.3	32.1
9/27/2010	14.4	12.1	9.6	20.9	30.7
9/28/2010	14.2	1.2	9.6	20.7	30.0
9/29/2010	14.0	5.2	9.8	21.0	29.7
9/30/2010	13.4	13.3	9.3	21.2	29.2
10/1/2010	12.5	12.0	8.9	20.7	29.0
10/2/2010	12.9	17.5	8.7	20.3	28.3
10/3/2010	12.7	18.4	8.8	19.9	28.0
10/4/2010	12.0	17.3	8.4	19.1	28.0
10/5/2010	11.5	14.8	8.2	19.6	27.7
10/6/2010	10.7	2.2	7.8	19.9	27.1
10/7/2010	11.4	1.1	7.7	18.6	27.3
10/8/2010	10.4	0.3	7.7	17.9	27.2
10/9/2010	9.7	0.0	7.4	17.3	27.5

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
10/10/2010	9.2	0.0	7.1	16.8	26.7
10/11/2010	8.7	0.1	7.0	16.0	25.6
10/12/2010	7.9	0.1	6.9	15.0	23.7
10/13/2010	7.6	0.1	6.8	14.0	21.9
10/14/2010	6.9	0.1	6.6	17.7	20.9
10/15/2010	6.5	0.1	6.5	31.4	20.2
10/16/2010	6.1	0.1	6.6	47.7	20.8
10/17/2010	5.7	0.2	6.7	51.9	20.2
10/18/2010	5.6	5.4	7.0	61.9	17.4
10/19/2010	5.6	10.4	7.1	71.4	15.1
10/20/2010	6.3	10.2	7.0	78.9	14.5
10/21/2010	5.3	10.2	6.8	84.6	14.2
10/22/2010	5.4	10.0	6.8	87.2	14.1
10/23/2010	5.3	9.6	6.8	89.8	13.7
10/24/2010	5.2	9.3	6.7	94.9	12.4
10/25/2010	5.1	9.0	6.6	98.9	12.0
10/26/2010	4.9	8.7	6.5	101.3	11.6
10/27/2010	4.7	8.3	6.5	106.1	11.2
10/28/2010	4.6	7.8	6.5	110.0	10.9
10/29/2010	4.5	7.8	6.1	116.2	10.9
10/30/2010	4.8	7.7	6.1	122.5	10.6
10/31/2010	4.3	7.6	6.3	126.9	10.4
11/1/2010	3.4	7.5	6.3	140.8	10.3
11/2/2010	3.7	7.3	6.6	146.7	9.6
11/3/2010	2.5	7.3	6.3	147.2	9.3
11/4/2010	4.9	6.9	6.3	156.0	10.3
11/5/2010	3.8	6.9	6.3	159.5	11.3
11/6/2010	3.7	6.9	6.2	160.3	12.5
11/7/2010	3.6	6.8	6.1	161.3	11.5
11/8/2010	3.3	6.7	6.1	168.0	11.3
11/9/2010	3.5	6.6	6.1	177.0	11.4
11/10/2010	2.3	6.5	6.0	181.7	16.1
11/11/2010	2.8	6.4	6.1	185.5	16.4
11/12/2010	2.5	6.2	6.3	188.6	17.2
11/13/2010	2.3	6.1	6.1	191.4	22.3
11/14/2010	2.1	6.3	5.9	195.1	27.4
11/15/2010	1.8	6.2	5.9	197.6	36.7
11/16/2010	2.0	6.3	3.4	194.7	45.3
11/17/2010	9.3	6.3	1.8	192.7	45.0
11/18/2010	3.6	6.0	1.7	190.0	45.2
11/19/2010	3.9	6.1	1.7	191.3	49.3
11/20/2010	3.7	6.0	1.7	195.0	55.6
11/21/2010	3.6	5.8	1.6	193.6	61.0
11/22/2010	3.5	5.8	1.6	193.3	60.8
11/23/2010	3.6	5.5	1.5	194.5	64.0
11/24/2010	3.4	5.6	1.5	196.3	63.3
11/25/2010	3.1	5.4	1.5	194.3	63.3

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
11/26/2010	2.9	5.2	1.4	194.7	64.3
11/27/2010	3.0	5.4	1.4	194.8	65.6
11/28/2010	3.0	5.6	1.4	195.1	61.1
11/29/2010	2.7	6.2	1.5	194.9	60.9
11/30/2010	2.6	5.8	1.5	191.9	59.9
12/1/2010	2.6	4.8	1.4	192.2	49.8
12/2/2010	2.6	5.0	1.4	181.1	48.1
12/3/2010	2.6	5.1	1.4	176.2	50.4
12/4/2010	2.6	4.8	1.4	185.1	56.2
12/5/2010	2.8	4.6	1.4	184.7	58.7
12/6/2010	2.4	4.7	1.4	184.2	27.2
12/7/2010	2.5	4.8	1.4	68.7	5.0
12/8/2010	2.4	4.7	1.4	5.0	5.0
12/9/2010	2.5	4.7	1.4	5.0	5.3
12/10/2010	2.4	4.7	1.4	5.0	6.4
12/11/2010	2.3	4.7	1.4	5.0	5.5
12/12/2010	2.5	4.6	1.3	4.8	5.5
12/13/2010	2.2	4.5	1.3	4.9	7.3
12/14/2010	2.3	4.7	1.3	5.2	6.8
12/15/2010	3.2	3.3	3.0	6.9	10.3
12/16/2010	2.3	2.5	4.7	8.0	11.6
12/17/2010	2.3	2.3	4.7	7.0	10.2
12/18/2010	2.1	2.2	4.7	6.8	10.9
12/19/2010	2.2	2.1	4.6	8.8	16.3
12/20/2010	2.1	2.1	4.6	8.8	24.5
12/21/2010	2.0	2.1	4.6	8.3	30.6
12/22/2010	2.1	2.0	4.5	8.2	34.1
12/23/2010	2.0	1.8	4.3	8.7	35.1
12/24/2010	2.0	1.6	4.2	8.8	35.5
12/25/2010	1.9	1.1	4.2	9.1	39.3
12/26/2010	2.0	0.6	4.2	9.6	41.5
12/27/2010	2.0	0.8	4.1	10.2	44.9
12/28/2010	2.2	1.2	4.2	10.5	46.4
12/29/2010	1.8	0.7	4.2	10.1	47.3
12/30/2010	2.0	0.2	4.1	10.8	48.2
12/31/2010	2.0	0.2	4.2	11.5	50.0
1/1/2011	1.9	0.2	4.4	12.1	51.1
1/2/2011	1.7	0.2	4.1	12.7	53.3
1/3/2011	2.0	0.2	4.4	13.0	55.7
1/4/2011	1.9	0.1	4.3	13.2	55.8
1/5/2011	1.7	0.2	4.3	13.1	55.5
1/6/2011	1.9	0.2	3.9	13.2	54.7
1/7/2011	1.7	0.2	3.9	14.7	55.0
1/8/2011	1.8	0.2	4.0	14.9	55.9
1/9/2011	1.7	0.2	4.2	14.0	56.0
1/10/2011	2.2	0.2	4.4	13.2	56.5
1/11/2011	1.4	0.2	4.4	13.1	57.3

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
1/12/2011	1.3	0.2	4.2	13.7	57.4
1/13/2011	1.3	1.9	4.3	14.8	58.2
1/14/2011	1.5	2.8	4.2	15.2	58.5
1/15/2011	1.3	2.7	4.1	15.4	58.3
1/16/2011	1.3	2.7	4.1	15.0	58.3
1/17/2011	0.0	2.8	0.0	0.0	0.0
1/18/2011	2.0	2.7	1.2	14.4	35.0
1/19/2011	1.8	2.6	1.2	13.7	14.0
1/20/2011	1.8	2.5	1.2	12.9	8.6
1/21/2011	1.9	2.3	1.2	13.9	6.7
1/22/2011	1.8	2.1	1.2	15.0	9.8
1/23/2011	1.8	2.1	1.2	17.4	12.4
1/24/2011	1.7	1.8	1.2	18.6	17.6
1/25/2011	1.6	1.5	1.2	19.6	18.8
1/26/2011	1.5	1.5	1.1	22.0	13.7
1/27/2011	1.5	2.1	1.1	17.0	5.4
1/28/2011	1.7	2.4	1.1	18.5	4.5
1/29/2011	1.7	2.6	1.1	18.7	7.1
1/30/2011	1.7	2.5	1.0	20.7	9.3
1/31/2011	1.6	2.6	1.0	22.3	12.5
2/1/2011	1.5	2.5	1.0	22.8	13.9
2/2/2011	1.5	2.4	0.8	14.8	13.7
2/3/2011	1.4	2.2	1.2	15.3	13.0
2/4/2011	1.4	2.4	1.7	16.2	13.7
2/5/2011	1.4	2.5	1.1	19.8	14.3
2/6/2011	1.5	2.5	1.1	24.1	14.8
2/7/2011	1.8	2.4	1.1	22.1	15.2
2/8/2011	1.9	2.6	0.3	21.8	17.8
2/9/2011	1.6	2.4	0.3	20.4	18.9
2/10/2011	1.5	2.4	0.3	19.1	13.4
2/11/2011	1.5	2.3	0.3	18.8	7.1
2/12/2011	1.5	2.3	0.3	18.5	5.9
2/13/2011	1.5	2.4	0.3	19.1	7.4
2/14/2011	1.5	2.3	0.3	20.7	7.2
2/15/2011	1.5	2.3	0.3	21.1	7.7
2/16/2011	1.8	2.3	0.3	20.9	8.3
2/17/2011	1.8	2.2	0.3	21.0	8.4
2/18/2011	1.5	2.1	0.3	21.2	7.0
2/19/2011	1.4	2.1	0.3	21.6	6.6
2/20/2011	1.2	2.1	0.3	21.2	7.0
2/21/2011	1.3	2.0	0.3	23.5	6.6
2/22/2011	1.1	1.9	2.8	24.0	4.8
2/23/2011	1.1	1.7	4.7	35.9	4.2
2/24/2011	0.8	0.0	4.1	38.6	4.8
2/25/2011	0.7	0.0	3.8	37.1	5.1
2/26/2011	0.8	0.0	3.8	35.1	4.9
2/27/2011	0.8	0.0	3.8	36.2	5.2

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
2/28/2011	0.6	0.0	3.8	34.2	5.8
3/1/2011	0.5	0.0	3.7	33.4	5.7
3/2/2011	0.4	0.0	3.7	32.7	5.8
3/3/2011	0.3	0.0	3.8	30.7	6.3
3/4/2011	0.2	0.0	4.0	28.6	7.2
3/5/2011	0.2	0.0	3.7	27.4	6.8
3/6/2011	0.1	0.0	3.6	25.8	5.6
3/7/2011	0.2	0.0	4.0	35.1	5.1
3/8/2011	0.3	0.0	3.6	37.0	4.6
3/9/2011	0.4	0.0	3.5	33.0	3.7
3/10/2011	0.4	0.0	3.7	31.1	3.1
3/11/2011	0.5	0.0	3.7	27.3	2.8
3/12/2011	0.5	0.0	3.8	22.4	3.1
3/13/2011	0.5	0.0	3.8	16.8	3.1
3/14/2011	0.5	0.0	3.9	13.4	2.1
3/15/2011	0.5	0.0	3.8	7.4	1.6
3/16/2011	0.5	0.0	3.8	9.1	1.7
3/17/2011	0.5	0.0	3.6	14.7	1.6
3/18/2011	0.5	0.0	3.7	22.0	1.8
3/19/2011	0.5	0.0	3.9	34.6	1.8
3/20/2011	0.5	0.0	3.8	58.0	1.7
3/21/2011	0.5	0.0	3.6	60.6	1.8
3/22/2011	0.5	0.0	3.4	60.5	1.9
3/23/2011	0.5	0.0	3.2	62.0	1.8
3/24/2011	0.5	0.0	3.2	59.8	1.7
3/25/2011	0.5	0.0	3.0	63.5	1.8
3/26/2011	0.5	0.0	2.8	66.1	1.9
3/27/2011	0.5	0.0	2.9	82.8	2.0
3/28/2011	0.5	1.8	2.9	85.2	2.1
3/29/2011	0.5	2.2	3.1	83.8	2.2
3/30/2011	0.5	1.5	3.2	68.8	2.3
3/31/2011	0.5	1.9	3.3	74.7	2.3
4/1/2011	0.5	1.9	3.4	74.5	2.4
4/2/2011	0.5	0.9	3.5	49.5	2.4
4/3/2011	0.6	0.7	3.2	41.2	2.1
4/4/2011	0.5	0.4	3.1	43.3	2.1
4/5/2011	0.5	0.4	3.1	44.8	2.2
4/6/2011	0.5	0.2	3.1	53.4	2.1
4/7/2011	0.5	0.1	3.2	54.1	2.0
4/8/2011	0.5	0.2	3.4	52.9	1.6
4/9/2011	0.5	0.9	3.5	44.9	1.1
4/10/2011	0.5	0.3	3.6	47.2	1.3
4/11/2011	0.5	0.1	3.5	50.9	1.4
4/12/2011	0.5	0.1	3.4	50.7	1.4
4/13/2011	0.5	0.1	3.8	51.4	1.4
4/14/2011	0.6	0.2	3.8	48.6	1.3
4/15/2011	0.5	0.2	3.7	47.9	1.4

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
4/16/2011	0.5	0.2	3.3	47.1	1.6
4/17/2011	0.6	0.2	3.0	47.6	1.6
4/18/2011	0.6	0.2	3.0	51.1	1.7
4/19/2011	0.6	0.2	2.0	51.6	2.0
4/20/2011	0.6	0.1	0.3	53.7	1.9
4/21/2011	0.6	0.1	0.2	55.5	1.7
4/22/2011	0.6	0.1	0.2	50.6	1.4
4/23/2011	0.6	0.1	1.3	42.1	0.4
4/24/2011	0.6	0.1	2.6	39.0	0.2
4/25/2011	0.6	0.2	1.3	41.3	0.2
4/26/2011	0.6	0.2	2.0	42.7	0.2
4/27/2011	0.6	0.2	1.4	41.8	0.2
4/28/2011	0.6	0.2	0.7	46.0	0.2
4/29/2011	0.6	0.1	0.2	43.0	0.2
4/30/2011	0.6	0.2	0.2	33.9	0.8
5/1/2011	0.6	0.4	0.2	29.5	0.9
5/2/2011	0.6	0.4	0.2	27.5	1.0
5/3/2011	0.6	0.2	0.2	26.9	0.9
5/4/2011	0.5	0.2	0.2	27.2	0.6
5/5/2011	0.6	0.1	0.2	28.3	0.8
5/6/2011	0.6	0.1	0.2	23.5	0.7
5/7/2011	0.6	0.1	0.5	19.3	0.6
5/8/2011	0.6	0.1	0.3	15.5	0.6
5/9/2011	0.6	0.1	0.2	12.3	0.6
5/10/2011	0.6	0.1	0.2	10.6	0.6
5/11/2011	0.6	0.1	0.2	9.9	0.1
5/12/2011	0.6	0.1	0.2	15.0	0.4
5/13/2011	0.6	0.1	0.2	18.6	0.1
5/14/2011	0.6	0.1	0.2	14.3	0.4
5/15/2011	0.6	0.1	0.2	11.2	0.8
5/16/2011	0.6	0.1	0.2	10.8	0.9
5/17/2011	0.6	0.1	0.2	9.5	0.8
5/18/2011	0.6	0.1	0.2	10.6	0.9
5/19/2011	0.6	0.1	0.2	15.3	0.9
5/20/2011	0.6	0.1	0.8	17.5	1.0
5/21/2011	0.6	0.1	0.2	12.3	1.4
5/22/2011	0.6	0.1	0.2	13.4	1.3
5/23/2011	0.6	0.1	0.2	17.2	1.2
5/24/2011	0.6	0.1	0.2	15.0	0.7
5/25/2011	0.6	0.1	0.2	14.9	0.6
5/26/2011	0.6	0.1	0.2	13.9	0.5
5/27/2011	0.6	0.1	0.2	12.0	0.5
5/28/2011	0.6	0.1	0.2	11.2	0.5
5/29/2011	0.6	0.1	0.2	14.3	0.7
5/30/2011	0.6	0.1	0.2	17.0	0.9
5/31/2011	0.6	0.1	0.2	16.7	0.9
6/1/2011	0.6	0.1	0.2	25.8	1.0

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
6/2/2011	0.6	0.1	0.2	37.9	1.2
6/3/2011	0.6	0.1	0.2	32.8	1.4
6/4/2011	0.6	0.1	0.2	26.6	1.2
6/5/2011	4.4	0.1	0.5	28.3	1.0
6/6/2011	2.9	0.1	3.7	25.1	1.3
6/7/2011	1.1	0.1	1.7	29.6	1.5
6/8/2011	1.5	0.1	3.6	31.5	1.6
6/9/2011	0.6	0.1	2.1	39.6	1.5
6/10/2011	0.2	0.1	2.5	36.3	1.7
6/11/2011	0.3	0.1	0.5	26.8	1.8
6/12/2011	0.7	0.1	0.2	30.2	2.0
6/13/2011	0.3	0.1	0.2	32.8	2.1
6/14/2011	0.2	0.1	0.2	32.8	2.1
6/15/2011	0.4	0.1	0.2	37.3	2.1
6/16/2011	0.2	0.1	0.4	36.7	2.1
6/17/2011	0.2	0.1	1.0	35.7	2.2
6/18/2011	0.5	0.1	0.3	31.3	2.3
6/19/2011	0.6	0.1	0.2	27.5	2.1
6/20/2011	0.6	0.1	0.2	30.0	2.4
6/21/2011	0.6	0.1	0.2	32.0	2.5
6/22/2011	0.6	0.1	0.2	45.6	3.0
6/23/2011	0.9	0.1	0.2	40.4	3.4
6/24/2011	1.7	0.1	0.2	39.4	3.5
6/25/2011	3.3	0.1	0.2	31.8	3.7
6/26/2011	0.4	0.1	2.4	38.7	3.7
6/27/2011	0.2	0.1	1.4	43.2	3.7
6/28/2011	1.1	0.1	1.2	43.2	3.7
6/29/2011	1.9	0.1	0.6	40.9	3.8
6/30/2011	0.5	0.1	0.2	43.4	4.0
7/1/2011	0.9	0.1	0.2	44.5	4.2
7/2/2011	0.4	0.1	0.2	45.0	4.3
7/3/2011	0.6	0.1	0.2	42.9	4.5
7/4/2011	5.6	0.1	3.6	43.0	4.9
7/5/2011	5.0	0.1	3.8	40.4	5.3
7/6/2011	0.2	0.1	1.7	34.4	5.3
7/7/2011	0.4	0.1	3.0	36.0	5.5
7/8/2011	0.2	0.1	2.4	42.7	5.2
7/9/2011	0.2	0.1	1.7	38.0	5.4
7/10/2011	0.6	0.1	0.4	28.9	5.4
7/11/2011	0.6	0.1	0.2	26.7	5.4
7/12/2011	0.6	0.1	0.2	30.0	5.1
7/13/2011	0.6	0.1	0.2	32.9	4.4
7/14/2011	0.4	0.1	0.2	34.0	4.5
7/15/2011	0.1	0.8	1.7	31.1	4.5
7/16/2011	0.3	1.3	0.8	22.8	4.2
7/17/2011	0.6	1.1	0.2	25.1	4.2
7/18/2011	0.6	0.4	0.2	29.9	5.4

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
7/19/2011	0.6	2.8	1.8	34.2	8.2
7/20/2011	0.6	5.9	3.9	43.7	8.8
7/21/2011	0.3	5.9	2.1	40.3	11.3
7/22/2011	0.2	5.9	4.2	42.6	13.1
7/23/2011	0.2	5.9	3.0	35.0	12.7
7/24/2011	0.2	5.9	0.2	35.1	12.2
7/25/2011	0.2	6.0	0.2	33.4	12.1
7/26/2011	0.2	6.9	0.2	32.9	11.7
7/27/2011	0.2	6.3	0.2	34.6	11.5
7/28/2011	0.2	6.5	0.2	34.5	11.2
7/29/2011	0.2	6.8	0.2	33.3	11.0
7/30/2011	0.2	7.1	0.2	17.4	11.2
7/31/2011	0.2	6.9	0.2	16.2	11.4
8/1/2011	0.2	6.6	0.2	15.7	11.5
8/2/2011	1.7	7.0	0.2	16.8	11.3
8/3/2011	5.1	7.3	0.2	26.6	10.7
8/4/2011	0.6	7.3	0.2	25.9	10.3
8/5/2011	0.0	6.7	0.2	24.5	10.0
8/6/2011	0.0	6.5	0.2	28.4	9.8
8/7/2011	0.0	6.5	0.2	27.9	9.5
8/8/2011	0.0	6.5	0.2	27.7	9.3
8/9/2011	0.0	7.0	0.2	25.5	9.3
8/10/2011	0.0	6.1	0.2	24.9	9.3
8/11/2011	0.0	6.1	0.2	22.7	9.6
8/12/2011	0.0	6.8	0.2	22.6	9.7
8/13/2011	0.0	7.0	0.2	25.0	9.3
8/14/2011	0.0	7.0	0.2	27.9	8.5
8/15/2011	0.0	7.1	0.2	31.4	8.9
8/16/2011	0.0	6.7	1.0	30.7	8.3
8/17/2011	0.0	6.6	0.3	25.5	8.4
8/18/2011	0.0	7.1	0.2	29.4	8.0
8/19/2011	0.0	7.6	0.2	25.8	8.0
8/20/2011	0.0	8.2	0.2	29.9	8.0
8/21/2011	0.0	7.9	0.2	24.3	8.0
8/22/2011	0.0	8.1	0.2	26.9	8.3
8/23/2011	0.0	8.4	0.2	27.7	8.0
8/24/2011	0.0	8.3	0.2	26.2	8.0
8/25/2011	0.0	9.7	2.6	26.9	8.0
8/26/2011	0.0	8.1	0.2	33.7	8.0
8/27/2011	0.0	8.7	0.2	34.0	8.0
8/28/2011	0.0	8.1	0.2	28.1	8.0
8/29/2011	0.0	8.3	0.2	26.9	8.0
8/30/2011	0.0	8.4	0.2	26.2	8.0
8/31/2011	0.0	10.0	0.2	25.1	8.0
9/1/2011	0.0	8.9	0.1	16.8	3.8
9/2/2011	0.0	8.8	0.0	26.5	0.0
9/3/2011	0.0	8.7	0.0	40.3	0.0

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
9/4/2011	0.0	8.6	0.0	43.1	0.0
9/5/2011	0.0	8.5	0.0	41.6	0.0
9/6/2011	0.0	8.4	0.0	52.8	0.0
9/7/2011	0.0	8.5	0.0	41.3	0.0
9/8/2011	0.0	8.5	0.0	39.7	0.0
9/9/2011	0.0	8.4	0.0	40.8	0.0
9/10/2011	0.0	8.4	0.0	42.7	0.0
9/11/2011	0.0	8.3	0.0	42.0	0.0
9/12/2011	0.0	8.2	0.0	11.5	0.0
9/13/2011	0.0	8.2	0.0	1.8	0.0
9/14/2011	0.0	0.0	0.0	0.0	0.0
9/15/2011	0.0	8.8	0.0	0.4	0.0
9/16/2011	0.0	9.8	0.0	0.4	0.0
9/17/2011	0.0	8.4	0.0	0.3	0.0
9/18/2011	0.0	8.4	0.0	0.3	0.0
9/19/2011	0.0	8.6	0.0	0.3	1.7
9/20/2011	0.0	8.7	0.0	0.3	3.4
9/21/2011	0.0	8.5	0.0	0.3	2.5
9/22/2011	0.0	8.3	0.0	0.3	1.1
9/23/2011	0.0	8.5	0.0	0.3	0.2
9/24/2011	0.0	8.5	0.0	0.3	0.0
9/25/2011	0.0	8.7	0.0	0.3	0.0
9/26/2011	0.0	8.8	0.0	0.3	0.0
9/27/2011	0.0	8.8	0.0	0.3	0.0
9/28/2011	0.0	8.7	0.0	0.3	0.0
9/29/2011	0.0	8.6	0.0	0.3	0.0
9/30/2011	0.0	8.7	0.0	0.3	0.0
10/1/2011	0.0	8.6	0.0	0.3	0.0
10/2/2011	0.0	8.6	0.0	0.3	0.0
10/3/2011	0.0	8.9	0.0	0.3	0.0
10/4/2011	0.0	8.8	0.0	0.3	0.0
10/5/2011	0.0	8.4	0.0	0.3	0.0
10/6/2011	0.0	8.4	0.0	0.3	0.0
10/7/2011	0.0	8.4	0.0	0.3	0.0
10/8/2011	0.0	8.3	0.0	0.4	0.0
10/9/2011	0.0	8.5	0.0	0.4	0.0
10/10/2011	0.0	8.4	0.0	0.4	0.0
10/11/2011	0.0	8.4	0.0	0.4	0.0
10/12/2011	0.0	8.5	0.0	0.4	0.0
10/13/2011	0.0	8.4	0.0	0.4	0.0
10/14/2011	0.0	8.4	0.0	0.4	0.0
10/15/2011	0.0	8.4	0.0	0.4	0.0
10/16/2011	0.0	8.7	0.0	0.4	0.0
10/17/2011	0.0	8.7	0.0	0.4	0.0
10/18/2011	0.0	8.9	0.0	0.4	0.0
10/19/2011	0.0	8.9	0.0	0.4	0.0
10/20/2011	0.0	8.9	0.0	0.4	0.0

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
10/21/2011	0.0	9.0	0.0	0.4	0.0
10/22/2011	0.0	9.0	0.0	0.4	0.0
10/23/2011	0.0	9.9	0.0	0.4	0.0
10/24/2011	0.0	9.9	0.0	0.4	0.0
10/25/2011	0.0	10.2	0.0	0.4	0.0
10/26/2011	0.0	9.2	0.0	0.4	0.0
10/27/2011	0.0	9.0	0.0	0.4	0.0
10/28/2011	0.0	9.1	0.0	0.4	0.0
10/29/2011	0.0	8.9	0.0	0.4	0.0
10/30/2011	0.0	8.8	0.0	0.4	0.0
10/31/2011	0.0	8.9	0.0	0.4	0.0
11/1/2011	0.0	8.8	0.0	0.4	0.0
11/2/2011	0.0	8.8	0.0	0.4	0.0
11/3/2011	0.0	8.9	0.0	0.4	0.0
11/4/2011	0.0	9.4	0.0	0.4	0.0
11/5/2011	0.0	9.9	0.0	0.4	0.0
11/6/2011	0.0	9.4	0.0	0.4	0.0
11/7/2011	0.0	9.5	0.0	0.4	0.0
11/8/2011	0.0	9.5	0.0	0.4	0.0
11/9/2011	0.0	9.6	0.0	0.4	0.0
11/10/2011	0.0	9.4	0.0	0.5	0.0
11/11/2011	0.0	9.6	0.0	0.4	0.0
11/12/2011	0.0	9.7	0.0	0.4	0.0
11/13/2011	0.0	9.7	0.0	0.4	0.0
11/14/2011	0.0	9.7	0.0	0.4	0.0
11/15/2011	0.0	9.7	0.0	0.4	0.0
11/16/2011	0.0	9.7	0.0	0.4	0.0
11/17/2011	0.0	9.7	0.0	0.4	0.0
11/18/2011	0.0	9.8	0.0	0.4	0.0
11/19/2011	0.0	9.7	0.0	0.4	0.0
11/20/2011	0.0	9.8	0.0	0.4	0.0
11/21/2011	0.0	9.9	0.0	0.4	0.0
11/22/2011	0.0	10.0	0.0	0.4	0.0
11/23/2011	0.0	10.2	0.0	0.5	0.0
11/24/2011	0.0	10.1	0.0	0.4	0.0
11/25/2011	0.0	10.1	0.0	0.4	0.0
11/26/2011	0.0	9.8	0.0	0.5	0.0
11/27/2011	0.0	9.7	0.0	0.5	0.0
11/28/2011	0.0	9.5	0.0	0.5	0.1
11/29/2011	0.0	9.4	0.0	0.5	0.1
11/30/2011	0.0	9.4	0.0	0.5	0.1
12/1/2011	0.0	9.5	0.0	0.5	0.0
12/2/2011	0.0	9.7	0.0	0.5	0.0
12/3/2011	0.0	9.8	0.0	0.5	0.0
12/4/2011	0.0	9.9	0.0	0.5	0.1
12/5/2011	0.0	9.8	0.0	0.5	0.1
12/6/2011	0.0	0.0	0.0	0.0	0.0

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
12/7/2011	0.0	9.7	0.0	0.6	0.1
12/8/2011	0.0	9.7	0.0	0.6	0.1
12/9/2011	0.0	9.8	0.0	0.6	0.0
12/10/2011	0.0	9.9	0.0	0.6	0.0
12/11/2011	0.0	10.1	0.0	0.5	0.1
12/12/2011	0.0	8.9	0.0	0.5	0.1
12/13/2011	0.0	7.7	0.0	0.5	0.0
12/14/2011	0.0	4.5	0.0	0.5	0.0
12/15/2011	0.0	4.3	0.0	0.5	0.1
12/16/2011	0.0	7.0	0.0	0.5	0.1
12/17/2011	0.0	9.8	0.0	0.5	0.1
12/18/2011	0.0	9.9	0.0	0.5	0.1
12/19/2011	0.0	10.3	0.0	0.5	0.0
12/20/2011	0.0	10.0	0.0	0.5	0.1
12/21/2011	0.0	10.0	0.0	0.5	0.1
12/22/2011	0.0	9.9	0.0	0.5	0.1
12/23/2011	0.0	10.0	0.0	0.5	0.1
12/24/2011	0.0	10.1	0.0	0.5	0.1
12/25/2011	0.0	10.0	0.0	0.6	0.1
12/26/2011	0.0	10.1	0.0	0.6	0.1
12/27/2011	0.0	10.1	0.0	0.6	0.2
12/28/2011	0.0	10.2	0.0	0.6	0.4
12/29/2011	0.0	10.2	0.0	0.5	0.5
12/30/2011	0.0	10.1	0.0	0.5	0.1
12/31/2011	0.0	9.7	0.0	0.5	0.2
1/1/2012	0.0	9.9	0.0	0.5	0.1
1/2/2012	0.0	9.9	0.0	0.5	0.1
1/3/2012	0.0	10.0	0.0	0.5	0.2
1/4/2012	0.0	10.1	0.0	0.5	0.1
1/5/2012	0.0	10.0	0.0	0.5	0.1
1/6/2012	0.0	10.0	0.0	0.5	0.1
1/7/2012	0.0	10.0	0.0	0.5	0.1
1/8/2012	0.0	10.0	0.0	0.5	0.1
1/9/2012	0.0	9.9	0.0	0.5	0.1
1/10/2012	0.0	9.7	0.0	0.5	0.1
1/11/2012	0.0	9.8	0.0	0.5	0.1
1/12/2012	0.0	9.8	0.0	0.5	0.1
1/13/2012	0.0	9.6	0.0	0.5	0.1
1/14/2012	0.0	9.3	0.0	0.5	0.5
1/15/2012	0.0	9.3	0.0	0.5	0.1
1/16/2012	0.0	9.2	0.0	0.5	0.1
1/17/2012	0.0	9.1	0.0	0.5	0.1
1/18/2012	0.0	9.3	0.0	0.5	0.1
1/19/2012	0.0	9.4	0.0	0.5	0.1
1/20/2012	0.0	9.4	0.0	0.5	0.1
1/21/2012	0.0	9.6	0.0	0.5	0.1
1/22/2012	0.0	9.6	0.0	0.5	0.1

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
1/23/2012	0.0	9.5	0.0	0.5	0.1
1/24/2012	0.0	9.7	0.0	0.5	0.1
1/25/2012	0.0	9.4	0.0	0.5	0.1
1/26/2012	0.0	9.6	0.0	0.5	0.1
1/27/2012	0.0	9.6	0.0	0.5	0.1
1/28/2012	0.0	9.4	0.0	0.5	0.1
1/29/2012	0.0	9.4	0.0	0.5	0.1
1/30/2012	0.0	9.3	0.0	0.5	0.1
1/31/2012	0.0	9.6	0.0	0.5	0.1
2/1/2012	0.0	9.1	0.0	0.5	0.1
2/2/2012	0.0	9.1	0.0	0.5	0.1
2/3/2012	0.0	9.2	0.0	0.5	0.1
2/4/2012	0.0	9.2	0.0	0.5	0.1
2/5/2012	0.0	9.4	0.0	0.5	0.1
2/6/2012	0.0	9.3	0.0	0.5	0.1
2/7/2012	0.0	9.1	0.0	0.5	0.1
2/8/2012	0.0	9.1	0.0	0.5	0.1
2/9/2012	0.0	9.2	0.0	0.5	0.1
2/10/2012	0.0	9.2	0.0	0.5	0.1
2/11/2012	0.0	9.2	0.0	0.5	0.1
2/12/2012	0.0	9.2	0.0	0.5	0.1
2/13/2012	0.0	9.2	0.0	0.5	0.1
2/14/2012	0.0	9.3	0.0	0.5	0.1
2/15/2012	0.0	9.3	0.0	0.5	0.1
2/16/2012	0.0	9.3	0.0	0.5	0.1
2/17/2012	0.0	9.4	0.0	0.5	0.1
2/18/2012	0.0	9.2	0.0	0.5	0.1
2/19/2012	0.0	9.1	0.0	0.5	0.1
2/20/2012	0.0	9.1	0.0	0.5	0.1
2/21/2012	0.0	9.2	0.0	0.5	0.1
2/22/2012	0.0	9.1	0.0	0.5	0.1
2/23/2012	0.0	9.1	0.0	0.5	0.1
2/24/2012	0.0	8.9	0.0	0.5	0.1
2/25/2012	0.0	8.8	0.0	0.5	0.1
2/26/2012	0.0	8.7	0.0	0.5	0.1
2/27/2012	0.0	8.7	0.0	0.4	0.1
2/28/2012	0.0	8.7	0.0	0.4	0.1
2/29/2012	0.0	8.6	0.0	0.5	0.1
3/1/2012	0.0	8.7	0.0	0.5	0.1
3/2/2012	0.0	8.7	0.0	0.5	0.1
3/3/2012	0.0	8.6	0.0	0.5	0.1
3/4/2012	0.0	8.5	0.0	0.5	0.1
3/5/2012	0.0	8.7	0.0	0.5	0.1
3/6/2012	0.0	8.7	0.0	0.4	0.1
3/7/2012	0.0	8.8	0.0	0.4	0.1
3/8/2012	0.0	8.8	0.0	0.5	0.1
3/9/2012	0.0	8.7	0.0	0.5	0.1

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
3/10/2012	0.0	8.9	0.0	0.5	0.1
3/11/2012	0.0	8.8	0.0	0.5	0.1
3/12/2012	0.0	8.8	0.0	0.5	0.1
3/13/2012	0.0	8.8	0.0	0.4	0.1
3/14/2012	0.0	8.7	0.0	0.4	0.1
3/15/2012	0.0	8.7	0.0	0.4	0.1
3/16/2012	0.0	8.6	0.0	0.4	0.1
3/17/2012	0.0	8.8	0.0	0.4	0.1
3/18/2012	0.0	9.0	0.0	0.4	0.1
3/19/2012	0.0	9.2	0.0	0.4	0.1
3/20/2012	0.0	9.1	0.0	0.5	0.1
3/21/2012	0.0	8.9	0.0	0.5	0.1
3/22/2012	0.0	8.8	0.0	0.4	0.1
3/23/2012	0.0	8.8	0.0	0.4	0.1
3/24/2012	0.0	8.8	0.0	0.4	0.1
3/25/2012	0.0	9.0	0.0	0.4	0.1
3/26/2012	0.0	8.9	0.0	0.4	0.1
3/27/2012	0.0	8.9	0.0	0.4	0.1
3/28/2012	0.0	8.9	0.0	0.4	0.1
3/29/2012	0.0	8.9	0.0	0.4	0.1
3/30/2012	0.0	8.8	0.0	0.4	0.1
3/31/2012	0.0	8.9	0.0	0.4	0.1
4/1/2012	0.0	9.0	0.0	0.4	0.1
4/2/2012	0.0	9.3	0.0	0.4	0.1
4/3/2012	0.0	9.3	0.0	0.4	0.1
4/4/2012	0.0	9.5	0.0	0.4	0.1
4/5/2012	0.0	9.8	0.0	2.2	0.1
4/6/2012	0.0	9.9	0.0	31.2	0.1
4/7/2012	0.0	10.0	0.0	43.1	0.1
4/8/2012	0.0	10.2	0.0	45.6	0.1
4/9/2012	0.0	9.4	0.0	51.2	0.1
4/10/2012	0.0	8.2	0.0	56.3	0.1
4/11/2012	0.0	8.2	0.0	55.8	0.1
4/12/2012	0.0	8.1	0.0	54.5	0.1
4/13/2012	0.0	8.2	0.0	49.3	0.1
4/14/2012	0.0	8.3	0.0	50.1	0.1
4/15/2012	0.0	8.0	0.0	25.6	0.1
4/16/2012	0.0	8.0	0.0	21.4	0.1
4/17/2012	0.0	8.2	0.0	25.6	0.1
4/18/2012	0.0	8.2	0.0	25.7	0.1
4/19/2012	0.0	8.4	0.0	24.5	0.1
4/20/2012	0.0	8.5	0.0	24.3	0.1
4/21/2012	0.0	8.4	0.0	21.3	0.1
4/22/2012	0.0	8.7	0.0	16.8	0.1
4/23/2012	0.0	9.5	0.0	14.9	0.1
4/24/2012	0.0	10.7	0.0	14.9	0.1
4/25/2012	0.0	8.9	0.0	13.7	0.1

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
4/26/2012	0.0	9.0	0.0	13.0	0.1
4/27/2012	0.0	10.7	0.0	17.4	0.1
4/28/2012	0.0	12.1	0.0	18.5	0.1
4/29/2012	0.0	9.9	0.0	14.7	0.1
4/30/2012	0.0	9.8	0.0	17.0	0.1
5/1/2012	0.0	9.3	0.0	15.2	0.1
5/2/2012	0.0	9.3	0.0	14.1	0.1
5/3/2012	0.0	9.5	0.0	13.8	0.1
5/4/2012	0.0	9.5	0.0	13.8	0.1
5/5/2012	0.0	9.3	0.0	13.8	0.1
5/6/2012	0.0	9.0	0.0	3.0	0.1
5/7/2012	0.0	8.8	0.0	0.1	0.1
5/8/2012	0.0	9.0	0.0	0.4	0.1
5/9/2012	0.0	9.4	0.0	0.4	0.1
5/10/2012	0.0	9.4	0.0	0.4	0.1
5/11/2012	0.0	9.2	0.0	0.4	0.1
5/12/2012	0.0	9.1	0.0	0.4	0.1
5/13/2012	0.0	9.1	0.0	0.4	0.1
5/14/2012	0.0	9.1	0.0	0.4	0.1
5/15/2012	0.0	8.8	0.0	0.4	0.1
5/16/2012	0.0	8.6	0.0	0.4	0.1
5/17/2012	0.0	8.5	0.0	0.4	0.1
5/18/2012	0.0	8.4	0.0	0.4	0.1
5/19/2012	0.0	8.4	0.0	0.4	0.1
5/20/2012	0.0	8.4	0.0	0.4	0.1
5/21/2012	0.0	8.3	0.0	0.4	0.1
5/22/2012	0.0	8.4	0.0	0.4	0.1
5/23/2012	0.0	8.5	0.0	0.4	0.1
5/24/2012	0.0	8.6	0.0	0.4	0.1
5/25/2012	0.0	8.5	0.0	0.4	0.1
5/26/2012	0.0	8.6	0.0	0.4	0.1
5/27/2012	0.0	8.8	0.0	0.4	0.1
5/28/2012	0.0	9.0	0.0	0.4	0.1
5/29/2012	0.0	8.6	0.0	0.4	0.1
5/30/2012	0.0	8.5	0.0	0.4	0.1
5/31/2012	0.0	8.4	0.0	0.4	0.1
6/1/2012	0.0	8.4	0.0	0.4	0.1
6/2/2012	0.0	8.3	0.0	0.4	0.1
6/3/2012	0.0	8.3	0.0	0.4	0.1
6/4/2012	0.0	8.5	0.0	0.4	0.1
6/5/2012	0.0	8.4	0.0	0.4	0.1
6/6/2012	0.0	8.3	0.0	0.6	0.1
6/7/2012	0.0	9.7	0.0	7.3	0.1
6/8/2012	0.0	10.4	0.0	10.2	0.1
6/9/2012	0.0	9.6	0.0	5.6	0.1
6/10/2012	0.0	8.6	0.0	19.4	0.1
6/11/2012	0.0	9.6	0.0	30.6	0.1

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
6/12/2012	0.0	8.5	0.0	34.8	0.1
6/13/2012	0.0	8.6	0.0	37.8	0.1
6/14/2012	0.0	8.9	0.0	37.3	0.1
6/15/2012	0.0	9.0	0.0	24.2	0.1
6/16/2012	0.0	9.1	0.0	17.4	0.1
6/17/2012	0.0	9.3	0.0	21.4	0.1
6/18/2012	0.0	10.3	0.0	16.6	0.1
6/19/2012	0.0	9.1	0.0	16.0	0.1
6/20/2012	0.0	8.5	0.0	15.3	0.1
6/21/2012	0.0	8.5	0.0	17.2	0.1
6/22/2012	0.0	8.5	0.0	15.0	0.1
6/23/2012	0.0	8.4	0.0	16.4	0.1
6/24/2012	0.0	8.4	0.0	14.3	0.1
6/25/2012	0.0	8.4	0.0	14.8	0.1
6/26/2012	0.0	8.3	0.0	13.8	0.1
6/27/2012	0.0	8.4	0.0	15.9	0.1
6/28/2012	0.0	8.9	0.0	15.0	0.1
6/29/2012	0.0	8.5	0.0	7.9	0.1
6/30/2012	0.0	8.3	0.0	4.3	0.1
7/1/2012	0.0	8.2	0.0	8.9	0.1
7/2/2012	0.0	8.1	0.0	10.1	0.1
7/3/2012	0.0	7.9	0.0	12.6	0.1
7/4/2012	0.0	8.0	0.0	16.6	0.1
7/5/2012	0.0	8.3	0.0	18.4	0.1
7/6/2012	0.0	8.5	0.0	22.3	0.1
7/7/2012	0.0	8.6	0.0	17.3	2.3
7/8/2012	0.0	8.7	0.0	34.1	4.7
7/9/2012	0.0	9.0	0.0	27.0	5.1
7/10/2012	0.0	8.8	0.0	19.6	4.9
7/11/2012	0.0	8.8	0.0	16.9	2.0
7/12/2012	0.0	8.8	0.0	6.6	5.1
7/13/2012	0.0	8.8	0.0	3.7	5.3
7/14/2012	0.0	8.8	0.0	3.3	5.5
7/15/2012	0.0	8.8	0.0	1.6	5.7
7/16/2012	0.0	8.8	0.0	3.3	5.5
7/17/2012	0.0	8.3	0.0	5.1	3.4
7/18/2012	0.0	7.9	0.0	18.4	4.4
7/19/2012	0.0	7.9	0.0	28.0	5.2
7/20/2012	0.0	7.8	0.0	22.0	5.9
7/21/2012	0.0	8.5	0.0	18.4	6.2
7/22/2012	0.0	8.8	0.0	17.6	6.5
7/23/2012	0.0	8.6	0.0	18.1	6.8
7/24/2012	0.0	8.7	0.0	20.8	7.0
7/25/2012	0.0	8.6	0.0	31.9	7.2
7/26/2012	0.0	8.7	0.0	31.3	7.4
7/27/2012	0.0	8.6	0.0	28.3	7.5
7/28/2012	0.0	8.7	0.0	24.6	7.6

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
7/29/2012	0.0	8.5	0.0	23.3	7.6
7/30/2012	0.0	9.0	0.0	19.2	7.6
7/31/2012	0.0	8.7	0.0	16.4	7.5
8/1/2012	0.0	8.8	0.0	19.2	6.9
8/2/2012	0.0	8.7	0.0	25.3	7.2
8/3/2012	0.0	8.9	0.0	17.9	7.9
8/4/2012	0.0	10.4	0.0	9.1	8.0
8/5/2012	0.0	9.8	0.0	7.4	7.9
8/6/2012	0.0	9.9	0.0	6.5	7.9
8/7/2012	0.0	9.5	0.0	6.6	8.0
8/8/2012	0.0	9.4	0.0	14.4	8.1
8/9/2012	0.0	9.2	0.0	19.5	8.1
8/10/2012	0.0	9.4	0.0	13.2	57.9
8/11/2012	0.0	9.7	0.0	9.7	42.2
8/12/2012	0.0	11.6	0.0	21.9	100.5
8/13/2012	0.0	9.4	0.0	21.7	97.0
8/14/2012	0.0	9.4	0.0	20.9	82.4
8/15/2012	0.0	9.3	0.0	19.5	119.2
8/16/2012	0.0	9.8	0.0	31.1	9.1
8/17/2012	0.0	9.5	0.0	34.3	9.3
8/18/2012	0.0	11.0	0.0	30.9	9.4
8/19/2012	0.0	10.6	0.0	29.4	9.3
8/20/2012	0.0	11.1	0.0	31.1	9.2
8/21/2012	0.0	10.8	0.0	31.5	9.3
8/22/2012	0.0	10.1	0.0	32.8	9.0
8/23/2012	0.0	9.8	0.0	29.3	8.6
8/24/2012	0.0	9.9	0.0	32.7	8.2
8/25/2012	0.0	10.0	0.0	25.0	8.7
8/26/2012	0.0	9.9	0.0	16.3	8.7
8/27/2012	0.0	10.0	0.0	17.4	8.6
8/28/2012	0.0	9.9	0.0	14.8	8.5
8/29/2012	0.0	9.8	0.0	14.2	8.4
8/30/2012	0.0	9.7	0.0	10.5	8.3
8/31/2012	0.0	9.9	0.0	8.7	8.1
9/1/2012	0.0	11.1	0.0	8.7	7.9
9/2/2012	0.0	12.0	0.0	8.4	7.9
9/3/2012	0.0	11.2	0.0	8.4	7.9
9/4/2012	0.0	11.5	0.0	8.6	7.9
9/5/2012	0.0	12.7	0.0	10.4	7.8
9/6/2012	0.0	11.7	0.0	12.5	7.2
9/7/2012	0.0	11.3	0.0	11.9	6.7
9/8/2012	0.0	12.9	0.0	16.9	7.1
9/9/2012	0.0	10.9	0.0	21.9	7.1
9/10/2012	0.0	10.6	0.0	14.2	7.0
9/11/2012	0.0	10.5	0.0	12.3	6.4
9/12/2012	0.0	10.4	0.0	10.3	5.3
9/13/2012	0.0	10.3	0.0	8.6	4.3

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
9/14/2012	0.0	10.2	0.0	8.3	4.9
9/15/2012	0.0	10.3	0.0	4.1	5.5
9/16/2012	0.0	10.6	0.0	1.2	5.5
9/17/2012	0.0	10.4	0.0	0.4	5.3
9/18/2012	0.0	10.4	0.0	0.3	4.5
9/19/2012	0.0	10.2	0.0	0.6	2.3
9/20/2012	0.0	10.0	0.0	0.6	0.1
9/21/2012	0.0	10.2	0.0	0.6	0.0
9/22/2012	0.0	10.0	0.0	0.6	0.0
9/23/2012	0.0	10.0	0.0	0.6	0.1
9/24/2012	0.0	10.1	0.0	0.5	0.1
9/25/2012	0.0	9.9	0.0	0.6	0.1
9/26/2012	0.0	9.8	0.0	0.5	0.1
9/27/2012	0.0	9.9	0.0	0.5	0.1
9/28/2012	0.0	9.9	0.0	0.5	0.1
9/29/2012	0.0	9.9	0.0	0.5	0.1
9/30/2012	0.0	10.0	0.0	0.5	0.1
10/1/2012	0.0	9.7	0.0	0.5	0.1
10/2/2012	0.0	9.6	0.0	0.5	0.1
10/3/2012	0.0	9.6	0.0	0.6	0.1
10/4/2012	0.0	9.5	0.0	0.6	0.1
10/5/2012	0.0	9.5	0.0	0.5	0.1
10/6/2012	0.0	9.4	0.0	0.5	0.1
10/7/2012	0.0	9.4	0.0	0.5	0.1
10/8/2012	0.0	9.4	0.0	0.5	0.1
10/9/2012	0.0	9.4	0.0	0.6	0.1
10/10/2012	0.0	9.6	0.0	0.5	0.1
10/11/2012	0.0	9.4	0.0	0.5	0.1
10/12/2012	0.0	9.6	0.0	0.5	0.1
10/13/2012	0.0	9.5	0.0	0.5	0.1
10/14/2012	0.0	9.4	0.0	0.5	0.1
10/15/2012	0.0	9.4	0.0	0.5	0.1
10/16/2012	0.0	9.5	0.0	0.5	0.1
10/17/2012	0.0	9.5	0.0	0.5	0.1
10/18/2012	0.0	9.5	0.0	0.6	0.1
10/19/2012	0.0	0.0	0.0	0.0	0.0
10/20/2012	0.0	0.0	0.0	0.0	0.0
10/21/2012	0.0	0.0	0.0	0.0	0.0
10/22/2012	0.0	9.5	0.0	0.5	0.1
10/23/2012	0.0	9.3	0.0	0.5	0.1
10/24/2012	0.0	9.6	0.0	0.6	0.1
10/25/2012	0.0	9.4	0.0	0.5	0.1
10/26/2012	0.0	9.5	0.0	0.5	0.1
10/27/2012	0.0	9.4	0.0	0.5	0.1
10/28/2012	0.0	9.4	0.0	0.5	0.1
10/29/2012	0.0	9.4	0.0	0.5	0.1
10/30/2012	0.0	9.4	0.0	0.6	0.1

Table B-1: Mean Daily Flow Summary of EBID Drain Gage Data

2010-2012 EBID drain data used to simulate irrigation return flows in the HEC-RAS modeling.

0 values in red indicate "no data"

The values for the Nemexas Drain and West Drain were combined into a single record for input into the model.

Input to the irrigation return flow (Qirf) parameter

HEC-RAS Sta.>	Segment 4 35557.67	Segment 4 35557.67	Segment 4 86587.75	Segment 3 141638.1	Segment 2 271722.7
Date	Nemexas (CFS)	West Drain (CFS)	East Drain (CFS)	Del Rio Drain (CFS)	La Mesa Drain (CFS)
10/31/2012	0.0	9.4	0.0	0.6	0.1
11/1/2012	0.4	13.9	0.0	0.0	25.9
11/2/2012	0.4	14.0	0.0	0.0	0.1
11/3/2012	0.5	14.0	0.0	0.0	0.1
11/4/2012	0.4	13.9	0.0	0.0	0.1
11/5/2012	0.4	13.9	0.0	0.0	0.1
11/6/2012	0.4	13.9	0.0	0.0	0.1
11/7/2012	0.3	13.8	0.0	0.0	0.1
11/8/2012	0.0	13.7	0.0	0.0	0.0
11/9/2012	0.0	13.6	0.0	0.0	0.0
11/10/2012	0.0	13.6	0.0	0.0	0.0
11/11/2012	0.0	13.6	0.0	0.0	0.0
11/12/2012	0.0	13.0	0.0	0.0	0.0
11/13/2012	0.0	13.0	0.0	0.0	0.0
11/14/2012	0.1	13.0	0.0	0.0	0.1
11/15/2012	0.1	13.1	0.0	0.0	0.1
11/16/2012	0.2	13.4	0.0	0.0	0.1
11/17/2012	0.2	13.4	0.0	0.0	0.1
11/18/2012	0.2	13.6	0.0	0.0	0.1
11/19/2012	0.2	13.8	0.0	0.0	0.1
11/20/2012	0.1	12.8	0.0	0.0	0.1
11/21/2012	0.2	13.3	0.0	0.0	0.1
11/22/2012	0.2	13.3	0.0	0.0	0.1
11/23/2012	0.1	12.6	0.0	0.0	0.1
11/24/2012	0.1	12.4	0.0	0.0	0.2
11/25/2012	0.1	12.0	0.0	0.0	0.2
11/26/2012	0.1	12.2	0.0	0.0	0.1
11/27/2012	0.1	11.8	0.0	0.0	0.1
11/28/2012	0.1	15.0	0.0	0.0	0.2
11/29/2012	0.1	18.9	0.0	0.0	0.1
11/30/2012	0.1	17.3	0.0	0.0	0.2

Table B-2: Mean Daily Flow Summary at USIBWC River Gage Sites

2010 - 2012 USIBWC gage data. The El Paso gage was used in unsteady flow model calibration.

Values at American represent the total flow at American Dam (sum of Below Dam and Canal gages).

Date	El Paso (CFS)	American (CFS)
1/1/2010	33.2	49.79
1/2/2010	33.2	51.56
1/3/2010	33.2	49.79
1/4/2010	32.8	45.91
1/5/2010	33.2	46.26
1/6/2010	33.5	42.02
1/7/2010	33.5	42.38
1/8/2010	35.7	55.80
1/9/2010	34.6	68.16
1/10/2010	33.9	77.34
1/11/2010	34.3	54.03
1/12/2010	33.9	36.73
1/13/2010	38.1	42.02
1/14/2010	38.5	48.73
1/15/2010	35.7	42.73
1/16/2010	35.7	46.62
1/17/2010	35.7	52.62
1/18/2010	35.3	58.98
1/19/2010	35.0	47.32
1/20/2010	35.7	40.61
1/21/2010	35.7	40.26
1/22/2010	45.6	70.28
1/23/2010	48.0	82.64
1/24/2010	38.5	60.74
1/25/2010	35.7	54.03
1/26/2010	35.3	49.44
1/27/2010	37.1	48.73
1/28/2010	51.6	81.22
1/29/2010	49.1	66.39
1/30/2010	43.8	56.50
1/31/2010	41.3	51.91
2/1/2010	39.6	44.50
2/2/2010	38.5	41.67
2/3/2010	64.3	107.00
2/4/2010	48.0	83.70
2/5/2010	43.8	83.70
2/6/2010	43.1	86.87
2/7/2010	43.4	102.06
2/8/2010	41.0	70.98
2/9/2010	38.5	47.67
2/10/2010	38.8	49.44
2/11/2010	43.8	68.51
2/12/2010	36.0	44.14
2/13/2010	36.0	39.20
2/14/2010	35.7	40.26
2/15/2010	34.6	38.49
2/16/2010	33.9	36.73
2/17/2010	33.9	36.73
2/18/2010	34.6	36.37
2/19/2010	32.8	27.19
2/20/2010	32.1	30.72
2/21/2010	31.4	26.49
2/22/2010	31.4	26.49
2/23/2010	31.1	28.25
2/24/2010	30.0	26.84
2/25/2010	30.7	30.72
2/26/2010	29.7	24.01
2/27/2010	29.3	20.84
2/28/2010	31.1	21.90
3/1/2010	31.4	22.95
3/2/2010	31.8	19.07
3/3/2010	31.1	18.36
3/4/2010	30.4	20.13
3/5/2010	30.0	15.19
3/6/2010	30.0	9.53
3/7/2010	38.5	13.77
3/8/2010	272.3	217.89
3/9/2010	363.7	244.38
3/10/2010	388.5	246.85
3/11/2010	466.2	327.37

Table B-2: Mean Daily Flow Summary at USIBWC River Gage Sites

2010 - 2012 USIBWC gage data. The El Paso gage was used in unsteady flow model calibration.

Values at American represent the total flow at American Dam (sum of Below Dam and Canal gages).

Date	El Paso (CFS)	American (CFS)
3/12/2010	554.4	420.24
3/13/2010	579.2	423.78
3/14/2010	610.9	459.09
3/15/2010	724.0	568.57
3/16/2010	731.0	572.10
3/17/2010	787.5	621.54
3/18/2010	918.2	755.73
3/19/2010	953.5	801.64
3/20/2010	886.4	748.67
3/21/2010	819.3	674.51
3/22/2010	854.6	713.36
3/23/2010	893.5	762.80
3/24/2010	886.4	773.39
3/25/2010	992.3	805.17
3/26/2010	1073.6	904.06
3/27/2010	914.6	812.24
3/28/2010	872.3	723.95
3/29/2010	939.4	783.99
3/30/2010	999.4	798.11
3/31/2010	1027.7	808.71
4/1/2010	1024.1	808.71
4/2/2010	942.9	741.61
4/3/2010	868.7	660.38
4/4/2010	837.0	625.07
4/5/2010	879.3	678.04
4/6/2010	904.1	706.29
4/7/2010	953.5	741.61
4/8/2010	957.0	766.33
4/9/2010	1010.0	822.83
4/10/2010	918.2	762.80
4/11/2010	801.6	653.32
4/12/2010	801.6	670.98
4/13/2010	868.7	752.20
4/14/2010	882.9	766.33
4/15/2010	893.5	798.11
4/16/2010	872.3	787.52
4/17/2010	766.3	734.55
4/18/2010	663.9	543.85
4/19/2010	575.6	430.84
4/20/2010	614.5	512.06
4/21/2010	621.5	512.06
4/22/2010	536.8	377.87
4/23/2010	558.0	402.59
4/24/2010	519.1	391.99
4/25/2010	497.9	391.99
4/26/2010	547.4	416.71
4/27/2010	533.3	399.06
4/28/2010	501.5	384.93
4/29/2010	476.7	345.73
4/30/2010	490.9	346.44
5/1/2010	565.0	409.65
5/2/2010	554.4	423.78
5/3/2010	515.6	391.99
5/4/2010	515.6	374.34
5/5/2010	515.6	363.74
5/6/2010	586.2	437.90
5/7/2010	600.3	459.09
5/8/2010	582.7	459.09
5/9/2010	568.6	423.78
5/10/2010	607.4	444.96
5/11/2010	589.8	441.43
5/12/2010	519.1	406.12
5/13/2010	589.8	441.43
5/14/2010	713.4	515.59
5/15/2010	794.6	586.22
5/16/2010	829.9	625.07
5/17/2010	833.4	649.79
5/18/2010	819.3	649.79
5/19/2010	805.2	646.26
5/20/2010	741.6	589.75

Table B-2: Mean Daily Flow Summary at USIBWC River Gage Sites

2010 - 2012 USIBWC gage data. The El Paso gage was used in unsteady flow model calibration.

Values at American represent the total flow at American Dam (sum of Below Dam and Canal gages).

Date	El Paso (CFS)	American (CFS)
5/21/2010	649.8	575.63
5/22/2010	642.7	579.16
5/23/2010	663.9	568.57
5/24/2010	695.7	593.29
5/25/2010	678.0	572.10
5/26/2010	706.3	582.69
5/27/2010	766.3	642.73
5/28/2010	748.7	653.32
5/29/2010	727.5	614.48
5/30/2010	702.8	596.82
5/31/2010	674.5	572.10
6/1/2010	671.0	575.63
6/2/2010	656.9	561.50
6/3/2010	660.4	557.97
6/4/2010	727.5	621.54
6/5/2010	724.0	614.48
6/6/2010	829.9	699.23
6/7/2010	957.0	819.30
6/8/2010	946.4	815.77
6/9/2010	1041.8	875.80
6/10/2010	1066.5	865.21
6/11/2010	1077.1	829.89
6/12/2010	1017.1	794.58
6/13/2010	999.4	769.86
6/14/2010	1073.6	826.36
6/15/2010	1084.2	844.02
6/16/2010	1154.8	907.59
6/17/2010	1151.3	907.59
6/18/2010	1168.9	932.31
6/19/2010	1077.1	858.15
6/20/2010	1038.3	808.71
6/21/2010	1041.8	801.64
6/22/2010	995.9	769.86
6/23/2010	992.3	759.27
6/24/2010	974.7	741.61
6/25/2010	992.3	755.73
6/26/2010	1013.5	773.39
6/27/2010	1151.3	886.40
6/28/2010	1179.5	925.24
6/29/2010	1327.8	1055.91
6/30/2010	1193.6	992.34
7/1/2010	960.6	780.45
7/2/2010	897.0	723.95
7/3/2010	914.6	745.14
7/4/2010	865.2	716.89
7/5/2010	748.7	600.35
7/6/2010	815.8	656.85
7/7/2010	904.1	713.36
7/8/2010	1020.6	808.71
7/9/2010	1080.6	868.74
7/10/2010	1006.5	794.58
7/11/2010	1045.3	833.43
7/12/2010	1582.1	1080.63
7/13/2010	1342.0	964.09
7/14/2010	1017.1	858.15
7/15/2010	1017.1	868.74
7/16/2010	1027.7	865.21
7/17/2010	928.8	783.99
7/18/2010	918.2	769.86
7/19/2010	918.2	766.33
7/20/2010	914.6	759.27
7/21/2010	946.4	766.33
7/22/2010	981.7	805.17
7/23/2010	974.7	794.58
7/24/2010	1119.5	921.71
7/25/2010	1564.4	1048.85
7/26/2010	1299.6	971.15
7/27/2010	2143.6	1052.38
7/28/2010	1264.3	964.09
7/29/2010	1144.2	868.74

Table B-2: Mean Daily Flow Summary at USIBWC River Gage Sites

2010 - 2012 USIBWC gage data. The El Paso gage was used in unsteady flow model calibration.

Values at American represent the total flow at American Dam (sum of Below Dam and Canal gages).

Date	El Paso (CFS)	American (CFS)
7/30/2010	1232.5	960.56
7/31/2010	1232.5	981.75
8/1/2010	992.3	769.86
8/2/2010	1168.9	900.52
8/3/2010	1048.8	805.17
8/4/2010	988.8	745.14
8/5/2010	967.6	723.95
8/6/2010	974.7	734.55
8/7/2010	893.5	656.85
8/8/2010	957.0	706.29
8/9/2010	1027.7	766.33
8/10/2010	1024.1	759.27
8/11/2010	1126.5	844.02
8/12/2010	1048.8	801.64
8/13/2010	1010.0	769.86
8/14/2010	1010.0	776.92
8/15/2010	1013.5	791.05
8/16/2010	985.3	769.86
8/17/2010	981.7	762.80
8/18/2010	1024.1	798.11
8/19/2010	1059.4	836.96
8/20/2010	1041.8	836.96
8/21/2010	950.0	759.27
8/22/2010	1031.2	833.43
8/23/2010	1108.9	925.24
8/24/2010	1112.4	949.96
8/25/2010	1278.4	1013.53
8/26/2010	1719.8	1147.73
8/27/2010	1013.5	847.55
8/28/2010	921.7	801.64
8/29/2010	960.6	851.08
8/30/2010	886.4	783.99
8/31/2010	865.2	745.14
9/1/2010	688.6	557.97
9/2/2010	512.1	536.78
9/3/2010	452.0	494.41
9/4/2010	384.9	423.78
9/5/2010	420.2	427.31
9/6/2010	734.5	738.08
9/7/2010	706.3	709.82
9/8/2010	642.7	642.73
9/9/2010	642.7	635.66
9/10/2010	642.7	621.54
9/11/2010	628.6	603.88
9/12/2010	692.2	667.45
9/13/2010	702.8	663.92
9/14/2010	759.3	731.01
9/15/2010	706.3	685.10
9/16/2010	618.0	610.94
9/17/2010	547.4	540.31
9/18/2010	494.4	497.94
9/19/2010	441.4	441.43
9/20/2010	437.9	430.84
9/21/2010	494.4	494.41
9/22/2010	512.1	505.00
9/23/2010	653.3	674.51
9/24/2010	593.3	610.94
9/25/2010	575.6	593.29
9/26/2010	420.2	409.65
9/27/2010	423.8	388.46
9/28/2010	381.4	363.74
9/29/2010	367.3	351.73
9/30/2010	356.7	341.85
10/1/2010	409.7	377.87
10/2/2010	448.5	409.65
10/3/2010	363.7	356.68
10/4/2010	388.5	360.21
10/5/2010	388.5	377.87
10/6/2010	402.6	406.12
10/7/2010	413.2	420.24

Table B-2: Mean Daily Flow Summary at USIBWC River Gage Sites

2010 - 2012 USIBWC gage data. The El Paso gage was used in unsteady flow model calibration.

Values at American represent the total flow at American Dam (sum of Below Dam and Canal gages).

Date	El Paso (CFS)	American (CFS)
10/8/2010	343.3	336.20
10/9/2010	353.1	303.71
10/10/2010	288.5	250.03
10/11/2010	211.9	204.83
10/12/2010	180.5	171.63
10/13/2010	157.9	147.26
10/14/2010	138.1	138.08
10/15/2010	124.7	134.55
10/16/2010	111.9	126.78
10/17/2010	97.8	116.19
10/18/2010	84.4	103.12
10/19/2010	76.6	100.65
10/20/2010	67.5	85.81
10/21/2010	53.7	77.34
10/22/2010	32.1	64.98
10/23/2010	29.7	66.74
10/24/2010	27.2	60.03
10/25/2010	23.0	49.09
10/26/2010	23.0	43.79
10/27/2010	26.1	44.50
10/28/2010	27.9	38.49
10/29/2010	30.7	39.91
10/30/2010	33.2	42.02
10/31/2010	39.2	45.91
11/1/2010	43.4	46.62
11/2/2010	41.0	48.38
11/3/2010	38.8	54.74
11/4/2010	38.8	55.09
11/5/2010	38.1	55.44
11/6/2010	36.0	55.44
11/7/2010	34.6	51.91
11/8/2010	32.8	47.67
11/9/2010	32.5	43.79
11/10/2010	32.5	41.32
11/11/2010	31.1	39.91
11/12/2010	29.0	36.73
11/13/2010	28.6	35.67
11/14/2010	29.0	33.90
11/15/2010	29.3	40.61
11/16/2010	28.3	39.91
11/17/2010	27.5	37.79
11/18/2010	27.9	38.49
11/19/2010	28.3	39.20
11/20/2010	28.6	39.91
11/21/2010	28.3	38.85
11/22/2010	26.1	37.08
11/23/2010	25.4	35.67
11/24/2010	26.1	37.08
11/25/2010	25.8	37.08
11/26/2010	24.4	34.61
11/27/2010	24.4	33.20
11/28/2010	25.4	35.31
11/29/2010	24.4	31.43
11/30/2010	24.7	28.25
12/1/2010	26.1	29.66
12/2/2010	26.8	33.55
12/3/2010	27.2	36.73
12/4/2010	27.9	42.02
12/5/2010	27.5	44.14
12/6/2010	27.5	41.32
12/7/2010	28.3	41.32
12/8/2010	27.5	46.26
12/9/2010	27.9	47.32
12/10/2010	27.9	48.38
12/11/2010	26.8	51.91
12/12/2010	25.8	45.91
12/13/2010	25.4	45.56
12/14/2010	25.4	49.79
12/15/2010	25.1	46.97
12/16/2010	24.4	45.56

Table B-2: Mean Daily Flow Summary at USIBWC River Gage Sites

2010 - 2012 USIBWC gage data. The El Paso gage was used in unsteady flow model calibration.

Values at American represent the total flow at American Dam (sum of Below Dam and Canal gages).

Date	El Paso (CFS)	American (CFS)
12/17/2010	24.0	41.32
12/18/2010	22.6	40.61
12/19/2010	21.2	47.67
12/20/2010	20.5	48.73
12/21/2010	19.4	50.85
12/22/2010	18.0	51.21
12/23/2010	17.7	48.73
12/24/2010	18.0	45.91
12/25/2010	17.7	40.97
12/26/2010	18.7	51.56
12/27/2010	19.8	49.09
12/28/2010	20.5	45.56
12/29/2010	21.5	47.32
12/30/2010	23.0	50.85
12/31/2010	22.2	42.02
1/1/2011	21.5	32.49
1/2/2011	22.2	36.37
1/3/2011	21.9	37.43
1/4/2011	20.8	37.43
1/5/2011	20.1	45.56
1/6/2011	20.1	44.14
1/7/2011	20.5	46.97
1/8/2011	21.2	51.21
1/9/2011	20.8	48.38
1/10/2011	20.8	49.44
1/11/2011	19.8	51.56
1/12/2011	20.5	48.73
1/13/2011	20.8	46.62
1/14/2011	20.8	46.97
1/15/2011	21.2	49.79
1/16/2011	21.2	51.21
1/17/2011	21.5	51.56
1/18/2011	21.5	57.56
1/19/2011	21.5	52.97
1/20/2011	20.8	51.91
1/21/2011	21.5	52.62
1/22/2011	21.5	55.44
1/23/2011	21.9	54.03
1/24/2011	21.5	51.21
1/25/2011	21.2	51.21
1/26/2011	21.5	50.15
1/27/2011	21.5	59.33
1/28/2011	21.5	59.33
1/29/2011	21.5	61.45
1/30/2011	20.8	61.09
1/31/2011	21.2	56.86
2/1/2011	21.2	48.73
2/2/2011	23.7	47.32
2/3/2011	25.1	41.67
2/4/2011	23.0	48.38
2/5/2011	22.2	52.62
2/6/2011	21.9	44.14
2/7/2011	23.0	46.26
2/8/2011	23.7	43.79
2/9/2011	22.6	43.44
2/10/2011	23.7	48.03
2/11/2011	23.0	43.79
2/12/2011	22.6	43.79
2/13/2011	22.2	37.79
2/14/2011	22.6	36.02
2/15/2011	23.7	37.43
2/16/2011	23.7	38.49
2/17/2011	22.2	45.20
2/18/2011	21.5	46.97
2/19/2011	21.9	46.26
2/20/2011	22.2	46.62
2/21/2011	22.2	50.15
2/22/2011	22.2	45.20
2/23/2011	21.9	43.08
2/24/2011	21.9	45.91

Table B-2: Mean Daily Flow Summary at USIBWC River Gage Sites

2010 - 2012 USIBWC gage data. The El Paso gage was used in unsteady flow model calibration.

Values at American represent the total flow at American Dam (sum of Below Dam and Canal gages).

Date	El Paso (CFS)	American (CFS)
2/25/2011	21.5	45.91
2/26/2011	21.5	42.02
2/27/2011	21.9	39.55
2/28/2011	19.8	42.02
3/1/2011	19.4	44.85
3/2/2011	19.4	42.73
3/3/2011	19.1	41.32
3/4/2011	16.6	42.38
3/5/2011	15.9	40.61
3/6/2011	15.9	40.97
3/7/2011	15.9	42.02
3/8/2011	15.2	40.26
3/9/2011	14.8	39.55
3/10/2011	14.1	40.97
3/11/2011	10.9	40.26
3/12/2011	11.3	42.38
3/13/2011	10.9	42.02
3/14/2011	10.9	40.97
3/15/2011	10.9	33.20
3/16/2011	35.7	43.79
3/17/2011	167.0	98.88
3/18/2011	377.9	270.16
3/19/2011	487.3	381.40
3/20/2011	702.8	529.72
3/21/2011	861.7	709.82
3/22/2011	889.9	783.99
3/23/2011	897.0	787.52
3/24/2011	928.8	833.43
3/25/2011	939.4	836.96
3/26/2011	971.2	840.49
3/27/2011	1080.6	928.78
3/28/2011	1161.9	981.75
3/29/2011	1147.7	946.43
3/30/2011	1059.4	868.74
3/31/2011	1024.1	822.83
4/1/2011	1077.1	879.34
4/2/2011	946.4	776.92
4/3/2011	738.1	589.75
4/4/2011	656.9	501.47
4/5/2011	656.9	519.13
4/6/2011	681.6	526.19
4/7/2011	805.2	649.79
4/8/2011	794.6	646.26
4/9/2011	759.3	586.22
4/10/2011	734.5	522.66
4/11/2011	805.2	582.69
4/12/2011	642.7	519.13
4/13/2011	663.9	529.72
4/14/2011	663.9	522.66
4/15/2011	610.9	430.84
4/16/2011	607.4	413.18
4/17/2011	610.9	416.71
4/18/2011	610.9	423.78
4/19/2011	681.6	501.47
4/20/2011	716.9	519.13
4/21/2011	769.9	575.63
4/22/2011	755.7	575.63
4/23/2011	681.6	515.59
4/24/2011	603.9	441.43
4/25/2011	565.0	391.99
4/26/2011	579.2	409.65
4/27/2011	565.0	395.52
4/28/2011	614.5	434.37
4/29/2011	695.7	543.85
4/30/2011	632.1	490.87
5/1/2011	565.0	416.71
5/2/2011	547.4	501.47
5/3/2011	497.9	487.34
5/4/2011	487.3	476.75
5/5/2011	437.9	420.24

Table B-2: Mean Daily Flow Summary at USIBWC River Gage Sites

2010 - 2012 USIBWC gage data. The El Paso gage was used in unsteady flow model calibration.

Values at American represent the total flow at American Dam (sum of Below Dam and Canal gages).

Date	El Paso (CFS)	American (CFS)
5/6/2011	374.3	360.21
5/7/2011	338.3	323.48
5/8/2011	301.9	294.88
5/9/2011	274.7	280.05
5/10/2011	301.9	297.70
5/11/2011	381.4	367.27
5/12/2011	406.1	388.46
5/13/2011	476.7	459.09
5/14/2011	469.7	455.56
5/15/2011	427.3	409.65
5/16/2011	402.6	391.99
5/17/2011	395.5	391.99
5/18/2011	384.9	381.40
5/19/2011	423.8	413.18
5/20/2011	487.3	476.75
5/21/2011	469.7	473.22
5/22/2011	452.0	459.09
5/23/2011	490.9	512.06
5/24/2011	413.2	441.43
5/25/2011	402.6	427.31
5/26/2011	395.5	423.78
5/27/2011	360.2	395.52
5/28/2011	336.5	377.87
5/29/2011	345.7	367.27
5/30/2011	395.5	416.71
5/31/2011	420.2	437.90
6/1/2011	466.2	480.28
6/2/2011	621.5	635.66
6/3/2011	618.0	639.20
6/4/2011	568.6	593.29
6/5/2011	550.9	568.57
6/6/2011	568.6	586.22
6/7/2011	596.8	607.41
6/8/2011	628.6	632.13
6/9/2011	649.8	653.32
6/10/2011	674.5	649.79
6/11/2011	603.9	589.75
6/12/2011	593.3	582.69
6/13/2011	610.9	618.01
6/14/2011	639.2	646.26
6/15/2011	639.2	632.13
6/16/2011	678.0	656.85
6/17/2011	671.0	649.79
6/18/2011	685.1	663.92
6/19/2011	607.4	593.29
6/20/2011	586.2	565.03
6/21/2011	607.4	579.16
6/22/2011	678.0	632.13
6/23/2011	699.2	674.51
6/24/2011	678.0	656.85
6/25/2011	632.1	621.54
6/26/2011	632.1	610.94
6/27/2011	688.6	663.92
6/28/2011	706.3	688.64
6/29/2011	699.2	695.70
6/30/2011	695.7	688.64
7/1/2011	762.8	748.67
7/2/2011	748.7	738.08
7/3/2011	752.2	741.61
7/4/2011	762.8	723.95
7/5/2011	748.7	723.95
7/6/2011	688.6	667.45
7/7/2011	671.0	663.92
7/8/2011	688.6	678.04
7/9/2011	685.1	685.10
7/10/2011	639.2	642.73
7/11/2011	579.2	512.06
7/12/2011	628.6	547.38
7/13/2011	702.8	660.38
7/14/2011	660.4	653.32

Table B-2: Mean Daily Flow Summary at USIBWC River Gage Sites

2010 - 2012 USIBWC gage data. The El Paso gage was used in unsteady flow model calibration.

Values at American represent the total flow at American Dam (sum of Below Dam and Canal gages).

Date	El Paso (CFS)	American (CFS)
7/15/2011	663.9	639.20
7/16/2011	625.1	547.38
7/17/2011	561.5	469.69
7/18/2011	628.6	565.03
7/19/2011	639.2	607.41
7/20/2011	674.5	628.60
7/21/2011	769.9	734.55
7/22/2011	741.6	727.48
7/23/2011	713.4	699.23
7/24/2011	649.8	621.54
7/25/2011	628.6	603.88
7/26/2011	628.6	600.35
7/27/2011	646.3	618.01
7/28/2011	671.0	656.85
7/29/2011	695.7	685.10
7/30/2011	607.4	596.82
7/31/2011	490.9	462.62
8/1/2011	519.1	494.41
8/2/2011	490.9	462.62
8/3/2011	540.3	497.94
8/4/2011	628.6	596.82
8/5/2011	558.0	526.19
8/6/2011	561.5	522.66
8/7/2011	550.9	512.06
8/8/2011	589.8	547.38
8/9/2011	575.6	540.31
8/10/2011	554.4	519.13
8/11/2011	558.0	519.13
8/12/2011	526.2	483.81
8/13/2011	558.0	512.06
8/14/2011	582.7	540.31
8/15/2011	656.9	596.82
8/16/2011	649.8	589.75
8/17/2011	610.9	547.38
8/18/2011	596.8	529.72
8/19/2011	614.5	547.38
8/20/2011	596.8	526.19
8/21/2011	607.4	540.31
8/22/2011	621.5	550.91
8/23/2011	586.2	519.13
8/24/2011	582.7	512.06
8/25/2011	575.6	501.47
8/26/2011	618.0	536.78
8/27/2011	653.3	572.10
8/28/2011	656.9	575.63
8/29/2011	596.8	512.06
8/30/2011	589.8	505.00
8/31/2011	568.6	476.75
9/1/2011	561.5	473.22
9/2/2011	501.5	402.59
9/3/2011	596.8	508.53
9/4/2011	709.8	646.26
9/5/2011	734.5	603.88
9/6/2011	829.9	663.92
9/7/2011	791.0	646.26
9/8/2011	748.7	596.82
9/9/2011	741.6	593.29
9/10/2011	748.7	596.82
9/11/2011	745.1	663.92
9/12/2011	642.7	649.79
9/13/2011	245.4	273.69
9/14/2011	124.7	139.49
9/15/2011	113.4	126.07
9/16/2011	85.5	87.23
9/17/2011	49.4	34.61
9/18/2011	33.5	22.60
9/19/2011	28.3	15.54
9/20/2011	24.7	15.19
9/21/2011	22.6	14.48
9/22/2011	20.8	15.19

Table B-2: Mean Daily Flow Summary at USIBWC River Gage Sites

2010 - 2012 USIBWC gage data. The El Paso gage was used in unsteady flow model calibration.

Values at American represent the total flow at American Dam (sum of Below Dam and Canal gages).

Date	El Paso (CFS)	American (CFS)
9/23/2011	19.4	14.83
9/24/2011	19.4	12.71
9/25/2011	19.1	8.83
9/26/2011	18.7	8.48
9/27/2011	18.0	10.59
9/28/2011	18.0	11.65
9/29/2011	17.0	12.01
9/30/2011	14.8	11.30
10/1/2011	14.5	12.01
10/2/2011	13.8	9.53
10/3/2011	13.8	10.95
10/4/2011	14.1	9.53
10/5/2011	13.8	12.01
10/6/2011	13.1	13.07
10/7/2011	13.4	15.19
10/8/2011	12.7	18.36
10/9/2011	12.7	16.60
10/10/2011	13.1	17.66
10/11/2011	12.7	15.54
10/12/2011	12.7	16.60
10/13/2011	13.1	13.42
10/14/2011	12.7	12.71
10/15/2011	13.1	18.01
10/16/2011	12.7	14.13
10/17/2011	12.4	16.60
10/18/2011	12.0	14.83
10/19/2011	12.4	15.54
10/20/2011	12.4	16.60
10/21/2011	7.1	11.65
10/22/2011	5.7	8.83
10/23/2011	8.8	9.53
10/24/2011	9.2	12.01
10/25/2011	8.5	12.01
10/26/2011	8.5	13.77
10/27/2011	9.2	13.77
10/28/2011	8.5	16.95
10/29/2011	9.2	17.66
10/30/2011	9.5	17.66
10/31/2011	7.4	14.48
11/1/2011	8.8	16.24
11/2/2011	9.2	15.19
11/3/2011	8.8	15.89
11/4/2011	9.9	16.95
11/5/2011	9.5	17.30
11/6/2011	9.5	16.95
11/7/2011	9.5	16.95
11/8/2011	8.5	18.36
11/9/2011	7.8	17.66
11/10/2011	7.8	16.24
11/11/2011	9.5	19.78
11/12/2011	8.8	17.66
11/13/2011	9.5	19.78
11/14/2011	10.2	18.01
11/15/2011	11.7	18.36
11/16/2011	14.8	16.95
11/17/2011	10.6	17.66
11/18/2011	9.2	16.95
11/19/2011	9.2	17.30
11/20/2011	9.2	18.01
11/21/2011	9.2	17.66
11/22/2011	10.2	18.36
11/23/2011	9.9	18.72
11/24/2011	9.2	18.36
11/25/2011	14.5	16.24
11/26/2011	9.9	27.90
11/27/2011	9.5	22.60
11/28/2011	9.9	20.48
11/29/2011	4.2	14.13
11/30/2011	3.9	12.01
12/1/2011	19.8	15.89

Table B-2: Mean Daily Flow Summary at USIBWC River Gage Sites

2010 - 2012 USIBWC gage data. The El Paso gage was used in unsteady flow model calibration.

Values at American represent the total flow at American Dam (sum of Below Dam and Canal gages).

Date	El Paso (CFS)	American (CFS)
12/2/2011	11.7	14.48
12/3/2011	17.3	11.65
12/4/2011	10.6	10.59
12/5/2011	10.6	13.42
12/6/2011	9.5	8.48
12/7/2011	9.9	9.53
12/8/2011	10.9	10.24
12/9/2011	10.6	7.77
12/10/2011	10.6	8.12
12/11/2011	10.6	8.83
12/12/2011	11.3	17.66
12/13/2011	10.9	25.78
12/14/2011	10.2	25.78
12/15/2011	10.2	26.49
12/16/2011	10.6	27.19
12/17/2011	10.6	22.60
12/18/2011	10.9	14.83
12/19/2011	13.8	20.48
12/20/2011	10.9	19.78
12/21/2011	10.2	15.89
12/22/2011	9.5	18.01
12/23/2011	11.3	18.01
12/24/2011	10.2	15.19
12/25/2011	9.9	14.48
12/26/2011	9.9	17.30
12/27/2011	10.2	19.07
12/28/2011	10.2	20.84
12/29/2011	10.2	22.60
12/30/2011	9.5	22.60
12/31/2011	10.2	24.37
1/1/2012	11.3	28.96
1/2/2012	10.9	29.66
1/3/2012	11.3	28.96
1/4/2012	11.3	29.31
1/5/2012	11.3	27.90
1/6/2012	11.3	25.43
1/7/2012	11.7	28.25
1/8/2012	13.8	31.08
1/9/2012	12.7	31.78
1/10/2012	11.7	26.13
1/11/2012	11.7	31.08
1/12/2012	11.7	30.72
1/13/2012	11.7	30.02
1/14/2012	10.9	26.49
1/15/2012	11.3	28.25
1/16/2012	11.3	30.72
1/17/2012	12.4	30.02
1/18/2012	12.7	28.60
1/19/2012	12.7	28.96
1/20/2012	11.7	30.37
1/21/2012	10.9	31.78
1/22/2012	10.2	30.37
1/23/2012	10.6	26.49
1/24/2012	10.9	24.72
1/25/2012	10.6	26.84
1/26/2012	10.6	26.84
1/27/2012	10.6	26.49
1/28/2012	10.6	28.60
1/29/2012	10.2	26.13
1/30/2012	10.2	25.78
1/31/2012	10.2	26.49
2/1/2012	9.9	22.60
2/2/2012	10.2	22.25
2/3/2012	10.2	18.01
2/4/2012	10.2	18.36
2/5/2012	10.6	18.36
2/6/2012	9.9	18.01
2/7/2012	9.9	18.72
2/8/2012	9.9	19.42
2/9/2012	10.2	19.07

Table B-2: Mean Daily Flow Summary at USIBWC River Gage Sites

2010 - 2012 USIBWC gage data. The El Paso gage was used in unsteady flow model calibration.

Values at American represent the total flow at American Dam (sum of Below Dam and Canal gages).

Date	El Paso (CFS)	American (CFS)
2/10/2012	9.9	19.78
2/11/2012	9.9	19.78
2/12/2012	10.9	20.13
2/13/2012	10.2	19.78
2/14/2012	9.9	17.66
2/15/2012	9.9	14.13
2/16/2012	10.2	20.13
2/17/2012	10.2	18.72
2/18/2012	9.9	18.72
2/19/2012	9.9	19.42
2/20/2012	9.5	19.78
2/21/2012	9.2	18.01
2/22/2012	9.5	20.13
2/23/2012	9.5	21.90
2/24/2012	9.5	20.48
2/25/2012	9.2	21.19
2/26/2012	10.6	21.90
2/27/2012	10.2	18.72
2/28/2012	9.5	19.78
2/29/2012	9.5	15.89
3/1/2012	9.9	17.66
3/2/2012	9.2	18.36
3/3/2012	9.2	16.24
3/4/2012	9.2	18.01
3/5/2012	9.9	20.48
3/6/2012	9.9	20.48
3/7/2012	9.5	18.36
3/8/2012	9.5	20.84
3/9/2012	9.5	20.13
3/10/2012	9.2	20.84
3/11/2012	9.2	19.07
3/12/2012	9.2	21.19
3/13/2012	8.8	20.84
3/14/2012	8.8	21.19
3/15/2012	8.8	21.19
3/16/2012	9.2	20.84
3/17/2012	9.2	22.25
3/18/2012	8.1	22.25
3/19/2012	7.8	18.72
3/20/2012	8.5	16.95
3/21/2012	8.1	19.78
3/22/2012	8.5	2.47
3/23/2012	8.8	0.00
3/24/2012	8.5	0.00
3/25/2012	8.8	0.00
3/26/2012	8.5	0.00
3/27/2012	8.5	0.00
3/28/2012	8.1	0.00
3/29/2012	8.1	0.00
3/30/2012	7.8	0.00
3/31/2012	8.1	0.00
4/1/2012	7.8	0.00
4/2/2012	7.4	0.00
4/3/2012	7.1	0.00
4/4/2012	7.1	0.00
4/5/2012	7.4	0.00
4/6/2012	7.8	0.00
4/7/2012	420.2	324.19
4/8/2012	596.8	473.22
4/9/2012	688.6	543.85
4/10/2012	766.3	582.69
4/11/2012	808.7	618.01
4/12/2012	798.1	600.35
4/13/2012	745.1	554.44
4/14/2012	759.3	568.57
4/15/2012	660.4	501.47
4/16/2012	480.3	341.14
4/17/2012	469.7	324.89
4/18/2012	483.8	325.25
4/19/2012	448.5	300.17

Table B-2: Mean Daily Flow Summary at USIBWC River Gage Sites

2010 - 2012 USIBWC gage data. The El Paso gage was used in unsteady flow model calibration.

Values at American represent the total flow at American Dam (sum of Below Dam and Canal gages).

Date	El Paso (CFS)	American (CFS)
4/20/2012	437.9	279.69
4/21/2012	437.9	274.39
4/22/2012	384.9	216.48
4/23/2012	370.8	220.36
4/24/2012	381.4	263.80
4/25/2012	347.5	169.51
4/26/2012	351.0	169.16
4/27/2012	363.7	182.58
4/28/2012	395.5	228.84
4/29/2012	416.7	234.49
4/30/2012	392.0	223.90
5/1/2012	413.2	243.32
5/2/2012	388.5	219.30
5/3/2012	384.9	207.65
5/4/2012	381.4	211.89
5/5/2012	377.9	210.48
5/6/2012	341.8	164.57
5/7/2012	152.9	36.02
5/8/2012	81.6	37.08
5/9/2012	47.0	38.14
5/10/2012	33.2	35.67
5/11/2012	70.6	35.67
5/12/2012	51.2	35.67
5/13/2012	45.9	35.67
5/14/2012	42.7	35.67
5/15/2012	38.1	35.67
5/16/2012	37.1	35.31
5/17/2012	35.0	35.31
5/18/2012	34.6	35.31
5/19/2012	33.2	35.31
5/20/2012	31.8	35.31
5/21/2012	31.4	35.31
5/22/2012	30.7	34.96
5/23/2012	30.4	34.96
5/24/2012	29.0	34.96
5/25/2012	26.8	34.96
5/26/2012	26.8	34.96
5/27/2012	25.8	34.96
5/28/2012	25.4	34.61
5/29/2012	24.0	34.61
5/30/2012	23.0	34.61
5/31/2012	21.9	34.61
6/1/2012	21.9	34.61
6/2/2012	57.9	37.79
6/3/2012	59.0	38.14
6/4/2012	56.9	34.61
6/5/2012	57.9	36.02
6/6/2012	111.6	90.41
6/7/2012	225.0	214.36
6/8/2012	328.8	337.26
6/9/2012	332.3	341.85
6/10/2012	363.7	367.27
6/11/2012	505.0	490.87
6/12/2012	642.7	603.88
6/13/2012	759.3	628.60
6/14/2012	716.9	625.07
6/15/2012	635.7	579.16
6/16/2012	494.4	455.56
6/17/2012	536.8	476.75
6/18/2012	526.2	462.62
6/19/2012	522.7	452.03
6/20/2012	473.2	399.06
6/21/2012	483.8	409.65
6/22/2012	483.8	409.65
6/23/2012	441.4	370.80
6/24/2012	452.0	384.93
6/25/2012	409.7	340.08
6/26/2012	434.4	363.74
6/27/2012	406.1	339.37
6/28/2012	459.1	381.40

Table B-2: Mean Daily Flow Summary at USIBWC River Gage Sites

2010 - 2012 USIBWC gage data. The El Paso gage was used in unsteady flow model calibration.

Values at American represent the total flow at American Dam (sum of Below Dam and Canal gages).

Date	El Paso (CFS)	American (CFS)
6/29/2012	448.5	363.74
6/30/2012	349.3	277.57
7/1/2012	374.3	292.76
7/2/2012	427.3	343.96
7/3/2012	430.8	349.97
7/4/2012	480.3	402.59
7/5/2012	494.4	413.18
7/6/2012	490.9	413.18
7/7/2012	508.5	444.96
7/8/2012	515.6	441.43
7/9/2012	625.1	540.31
7/10/2012	497.9	455.56
7/11/2012	452.0	395.52
7/12/2012	480.3	374.34
7/13/2012	377.9	259.56
7/14/2012	330.2	232.37
7/15/2012	297.7	206.24
7/16/2012	304.8	200.23
7/17/2012	321.7	220.72
7/18/2012	352.1	277.22
7/19/2012	487.3	409.65
7/20/2012	565.0	473.22
7/21/2012	497.9	420.24
7/22/2012	480.3	413.18
7/23/2012	494.4	434.37
7/24/2012	490.9	427.31
7/25/2012	572.1	501.47
7/26/2012	642.7	565.03
7/27/2012	593.3	522.66
7/28/2012	596.8	529.72
7/29/2012	582.7	515.59
7/30/2012	575.6	505.00
7/31/2012	536.8	466.15
8/1/2012	547.4	473.22
8/2/2012	579.2	505.00
8/3/2012	614.5	533.25
8/4/2012	519.1	434.37
8/5/2012	473.2	377.87
8/6/2012	448.5	377.87
8/7/2012	409.7	349.97
8/8/2012	448.5	377.87
8/9/2012	494.4	430.84
8/10/2012	505.0	452.03
8/11/2012	445.0	391.99
8/12/2012	469.7	402.59
8/13/2012	568.6	420.24
8/14/2012	540.3	367.27
8/15/2012	550.9	367.27
8/16/2012	543.8	351.03
8/17/2012	713.4	497.94
8/18/2012	688.6	487.34
8/19/2012	667.4	469.69
8/20/2012	628.6	441.43
8/21/2012	699.2	494.41
8/22/2012	632.1	452.03
8/23/2012	653.3	487.34
8/24/2012	628.6	462.62
8/25/2012	663.9	497.94
8/26/2012	487.3	348.56
8/27/2012	483.8	434.37
8/28/2012	469.7	462.62
8/29/2012	445.0	430.84
8/30/2012	413.2	399.06
8/31/2012	363.7	381.40
9/1/2012	345.4	370.80
9/2/2012	360.2	384.93
9/3/2012	360.2	391.99
9/4/2012	377.9	409.65
9/5/2012	392.0	420.24
9/6/2012	374.3	406.12

Table B-2: Mean Daily Flow Summary at USIBWC River Gage Sites

2010 - 2012 USIBWC gage data. The El Paso gage was used in unsteady flow model calibration.

Values at American represent the total flow at American Dam (sum of Below Dam and Canal gages).

Date	El Paso (CFS)	American (CFS)
9/7/2012	363.7	399.06
9/8/2012	388.5	416.71
9/9/2012	501.5	526.19
9/10/2012	430.8	473.22
9/11/2012	384.9	430.84
9/12/2012	363.7	413.18
9/13/2012	347.5	388.46
9/14/2012	334.8	377.87
9/15/2012	328.4	381.40
9/16/2012	180.1	216.48
9/17/2012	92.9	96.06
9/18/2012	57.6	53.68
9/19/2012	34.3	38.49
9/20/2012	21.2	32.84
9/21/2012	15.9	27.19
9/22/2012	15.2	23.66
9/23/2012	13.8	23.31
9/24/2012	12.4	20.84
9/25/2012	11.7	22.25
9/26/2012	10.9	21.19
9/27/2012	10.2	19.78
9/28/2012	10.6	21.90
9/29/2012	10.2	23.31
9/30/2012	9.2	23.31
10/1/2012	9.2	20.13
10/2/2012	12.4	26.84
10/3/2012	9.9	21.54
10/4/2012	9.5	20.84
10/5/2012	9.2	20.13
10/6/2012	8.5	21.19
10/7/2012	9.2	21.90
10/8/2012	8.8	20.48
10/9/2012	8.1	20.48
10/10/2012	7.1	19.42
10/11/2012	10.2	21.54
10/12/2012	10.9	28.60
10/13/2012	7.8	24.01
10/14/2012	7.1	20.84
10/15/2012	7.1	18.72
10/16/2012	7.4	19.07
10/17/2012	7.1	17.30
10/18/2012	7.1	17.66
10/19/2012	7.1	16.95
10/20/2012	7.8	18.01
10/21/2012	7.1	16.95
10/22/2012	6.7	15.54
10/23/2012	7.1	16.60
10/24/2012	7.1	14.83
10/25/2012	7.4	15.19
10/26/2012	7.4	14.48
10/27/2012	7.8	17.30
10/28/2012	6.7	15.19
10/29/2012	7.4	15.54
10/30/2012	7.4	14.83
10/31/2012	7.4	14.13
11/1/2012	7.1	13.42
11/2/2012	7.4	15.19
11/3/2012	7.1	14.48
11/4/2012	7.1	14.83
11/5/2012	7.1	14.13
11/6/2012	7.1	13.77
11/7/2012	7.1	13.07
11/8/2012	7.1	12.71
11/9/2012	7.1	12.36
11/10/2012	7.8	13.42
11/11/2012	8.8	13.07
11/12/2012	9.2	13.77
11/13/2012	8.5	13.77
11/14/2012	7.8	13.07
11/15/2012	8.1	12.71

Table B-2: Mean Daily Flow Summary at USIBWC River Gage Sites

2010 - 2012 USIBWC gage data. The El Paso gage was used in unsteady flow model calibration.

Values at American represent the total flow at American Dam (sum of Below Dam and Canal gages).

Date	El Paso (CFS)	American (CFS)
11/16/2012	7.8	12.36
11/17/2012	7.1	13.42
11/18/2012	6.7	13.42
11/19/2012	7.1	13.42
11/20/2012	7.4	14.48
11/21/2012	7.4	13.42
11/22/2012	7.1	13.77
11/23/2012	6.4	10.59
11/24/2012	6.4	12.01
11/25/2012	6.7	12.71
11/26/2012	7.1	12.71
11/27/2012	8.1	13.07
11/28/2012	8.1	15.19
11/29/2012	7.1	13.42
11/30/2012	7.4	12.71

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
 Input to the authorized diversion (Qda) parameter

	Applied Percha Dam (RAS Sta 557766.6) Segment 1	Applied Leasburg Dam (RAS sta 328017) Segment 1	Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2				For Information Only Not Applied in HEC-RAS	
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM ^a RIVER (CFS)
1/1/2010								
1/2/2010								
1/3/2010								
1/4/2010								
1/5/2010								
1/6/2010								
1/7/2010								
1/8/2010								
1/9/2010								
1/10/2010								
1/11/2010								
1/12/2010								
1/13/2010								
1/14/2010								
1/15/2010								
1/16/2010								
1/17/2010								
1/18/2010								
1/19/2010								
1/20/2010								
1/21/2010								
1/22/2010								
1/23/2010								
1/24/2010								
1/25/2010								
1/26/2010								
1/27/2010								
1/28/2010								
1/29/2010								
1/30/2010								
1/31/2010								
2/1/2010	0	0	0	0	0	0	0	0
2/2/2010	0	0	0	0	0	0	0	0
2/3/2010	0	0	0	0	0	0	0	0
2/4/2010	0	0	0	0	0	0	0	0
2/5/2010	0	0	0	0	0	0	0	0
2/6/2010	0	0	0	0	0	0	0	0
2/7/2010	0	0	0	0	0	0	0	0
2/8/2010	0	0	0	0	0	0	0	0
2/9/2010	0	0	0	0	0	0	0	0
2/10/2010	0	0	0	0	0	0	0	0
2/11/2010	0	0	0	0	0	0	0	0
2/12/2010	0	0	0	0	0	0	0	0
2/13/2010	0	0	0	0	0	0	0	0
2/14/2010	0	0	0	0	0	0	0	0
2/15/2010	0	0	0	0	0	0	0	0
2/16/2010	0	0	0	0	0	0	0	0
2/17/2010	0	0	0	0	0	0	0	0
2/18/2010	0	0	0	0	0	0	0	0
2/19/2010	0	0	0	0	0	0	0	0
2/20/2010	0	0	0	0	0	0	0	0
2/21/2010	0	0	0	0	0	0	0	0
2/22/2010	0	0	0	0	0	0	0	0
2/23/2010	0	0	0	0	0	0	0	0
2/24/2010	0	0	0	0	0	0	0	0
2/25/2010	0	0	0	0	0	0	0	0
2/26/2010	0	0	0	0	0	0	0	0
2/27/2010	0	0	0	0	0	0	0	0
2/28/2010	0	0	0	0	0	0	0	0
3/1/2010	0	0	0	0	0	0	0	0
3/2/2010	0	0	0	0	0	0	0	0

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
Input to the authorized diversion (Qda) parameter

	Applied Percha Dam (RAS Sta 557766.6) Segment 1	Applied Leasburg Dam (RAS sta 328017) Segment 1	Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2				For Information Only Not Applied in HEC-RAS	
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM ^a RIVER (CFS)
3/3/2010	0	0	0	0	0	0	0	0
3/4/2010	0	0	0	0	0	0	0	0
3/5/2010	0	0	0	0	0	0	0	0
3/6/2010	0	0	0	0	0	0	0	0
3/7/2010	0	0	0	0	0	0	0	0
3/8/2010	0	0	0	0	0	0	0	0
3/9/2010	0	0	0	0	0	0	0	0
3/10/2010	0	0	0	0	93	0	0	0
3/11/2010	0	0	0	0	139	0	0	0
3/12/2010	0	0	0	0	140	0	0	0
3/13/2010	0	0	0	0	142	0	0	0
3/14/2010	0	0	0	0	140	0	0	0
3/15/2010	0	84	0	0	144	0	0	0
3/16/2010	0	165	0	0	148	0	0	0
3/17/2010	0	154	0	0	149	0	0	0
3/18/2010	0	142	0	0	148	0	0	0
3/19/2010	0	142	0	0	149	0	0	0
3/20/2010	0	142	0	0	148	0	0	0
3/21/2010	0	140	0	0	148	0	0	0
3/22/2010	0	146	0	66	146	0	0	0
3/23/2010	0	152	0	109	146	0	0	0
3/24/2010	0	158	104	106	192	0	0	0
3/25/2010	0	168	152	103	354	0	0	0
3/26/2010	0	154	149	102	415	0	0	0
3/27/2010	0	119	161	101	404	0	0	0
3/28/2010	0	115	165	101	409	0	0	0
3/29/2010	0	137	165	99	406	0	0	0
3/30/2010	0	144	197	108	392	0	0	0
3/31/2010	0	178	218	110	438	0	0	0
4/1/2010	0	202	235	132	478	0	0	0
4/2/2010	0	204	247	149	509	24	0	0
4/3/2010	0	175	227	132	515	0	0	2
4/4/2010	0	153	220	99	509	0	0	0
4/5/2010	0	167	217	98	502	0	0	1
4/6/2010	3	176	232	109	518	0	0	0
4/7/2010	4	227	238	140	528	0	0	0
4/8/2010	2	251	257	162	537	0	0	0
4/9/2010	0	205	272	212	560	0	0	0
4/10/2010	0	155	251	218	567	0	0	0
4/11/2010	6	137	251	202	518	0	0	0
4/12/2010	2	159	243	190	496	33	0	0
4/13/2010	1	175	254	174	468	30	0	0
4/14/2010	0	210	252	147	409	26	0	0
4/15/2010	0	238	264	147	390	0	0	0
4/16/2010	0	197	277	152	390	0	0	0
4/17/2010	0	166	280	148	430	15	0	0
4/18/2010	0	130	251	84	395	0	0	0
4/19/2010	0	94	236	91	381	24	0	0
4/20/2010	0	81	226	117	346	0	0	0
4/21/2010	0	86	223	119	310	0	0	0
4/22/2010	1	91	216	117	304	20	0	0
4/23/2010	0	89	216	109	302	0	0	0
4/24/2010	0	82	161	77	294	0	0	0
4/25/2010	0	82	140	66	263	0	0	0
4/26/2010	0	134	135	66	265	0	0	0
4/27/2010	0	162	132	77	254	0	0	0
4/28/2010	2	188	141	85	254	0	0	0
4/29/2010	0	200	185	84	254	0	0	0
4/30/2010	0	147	195	100	312	0	19	0
5/1/2010	0	116	193	81	304	0	0	0
5/2/2010	0	112	194	67	285	26	0	0

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
Input to the authorized diversion (Qda) parameter

Applied Percha Dam (RAS Sta 557766.6) Segment 1		Applied Leasburg Dam (RAS sta 328017) Segment 1		Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2		For Information Only Not Applied in HEC-RAS		
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM ^a RIVER (CFS)
5/3/2010	0	126	199	63	280	24	0	0
5/4/2010	0	139	197	65	285	25	0	0
5/5/2010	0	141	197	66	292	0	0	0
5/6/2010	0	144	192	76	317	0	0	0
5/7/2010	3	150	191	96	348	0	19	0
5/8/2010	0	147	203	99	354	0	0	0
5/9/2010	0	142	214	106	356	0	0	0
5/10/2010	0	177	209	105	356	0	0	0
5/11/2010	0	196	222	117	354	0	0	0
5/12/2010	0	202	233	125	362	0	0	0
5/13/2010	0	205	258	142	359	0	0	0
5/14/2010	3	204	260	174	390	29	0	0
5/15/2010	0	128	276	159	354	26	0	4
5/16/2010	0	103	252	135	322	0	0	3
5/17/2010	0	155	239	132	312	0	0	0
5/18/2010	0	189	263	152	307	0	0	0
5/19/2010	5	218	281	160	302	0	0	0
5/20/2010	0	256	287	175	343	0	0	0
5/21/2010	3	203	294	184	406	0	0	0
5/22/2010	0	163	257	160	376	17	0	0
5/23/2010	0	160	247	132	340	0	0	0
5/24/2010	0	180	243	133	340	25	0	0
5/25/2010	0	201	244	143	327	23	0	0
5/26/2010	3	199	257	168	346	20	0	0
5/27/2010	4	196	237	158	340	20	0	0
5/28/2010	3	159	238	144	354	20	0	0
5/29/2010	0	114	230	104	384	0	0	0
5/30/2010	0	117	240	84	395	0	0	0
5/31/2010	10	180	232	85	401	0	0	0
6/1/2010	6	236	238	86	412	0	0	0
6/2/2010	6	223	231	88	418	26	0	0
6/3/2010	0	215	292	108	409	0	0	0
6/4/2010	5	166	314	160	436	0	0	0
6/5/2010	0	128	305	184	430	0	0	0
6/6/2010	0	130	310	187	401	0	0	0
6/7/2010	0	161	308	183	376	0	0	0
6/8/2010	0	183	281	180	387	28	0	0
6/9/2010	0	211	275	178	412	28	0	0
6/10/2010	3	238	282	168	412	28	0	0
6/11/2010	8	201	295	169	412	0	26	6
6/12/2010	3	162	300	172	409	26	0	0
6/13/2010	5	160	259	174	376	0	0	0
6/14/2010	4	177	236	175	378	0	0	0
6/15/2010	4	194	285	174	376	0	0	0
6/16/2010	4	188	304	188	365	0	0	0
6/17/2010	0	182	309	198	367	0	0	0
6/18/2010	3	170	308	208	430	0	0	0
6/19/2010	0	159	274	202	459	0	0	0
6/20/2010	2	157	260	184	487	18	0	0
6/21/2010	3	225	259	184	490	23	0	0
6/22/2010	3	255	272	196	499	30	0	0
6/23/2010	0	235	279	220	509	0	0	0
6/24/2010	4	218	306	217	512	24	0	0
6/25/2010	5	210	317	217	515	24	57	0
6/26/2010	2	204	324	228	496	0	0	0
6/27/2010	6	206	332	234	474	0	0	0
6/28/2010	3	132	323	229	474	0	0	0
6/29/2010	2	109	325	246	447	0	0	0
6/30/2010	0	112	293	243	481	24	0	0
7/1/2010	5	115	235	199	427	18	0	0
7/2/2010	0	109	215	174	354	19	0	0

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
Input to the authorized diversion (Qda) parameter

	Applied Percha Dam (RAS Sta 557766.6) Segment 1	Applied Leasburg Dam (RAS sta 328017) Segment 1	Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2	For Information Only Not Applied in HEC-RAS				
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM ^a RIVER (CFS)
7/3/2010	2	84	208	101	320	20	0	0
7/4/2010	0	89	187	65	247	0	0	0
7/5/2010	4	91	169	66	247	0	0	0
7/6/2010	4	90	200	80	256	0	0	0
7/7/2010	0	164	211	107	302	0	0	0
7/8/2010	0	168	245	142	307	0	0	0
7/9/2010	0	142	267	178	444	22	0	0
7/10/2010	6	122	289	177	490	23	0	0
7/11/2010	4	52	262	151	474	28	0	0
7/12/2010	0	3	248	117	478	0	0	0
7/13/2010	2	3	250	116	433	0	22	3
7/14/2010	3	3	269	95	395	0	0	0
7/15/2010	0	3	314	128	436	0	0	0
7/16/2010	3	66	331	185	496	0	0	0
7/17/2010	5	103	290	219	468	20	0	0
7/18/2010	0	101	279	218	441	0	0	0
7/19/2010	0	240	272	222	444	0	0	0
7/20/2010	3	260	260	224	430	0	0	0
7/21/2010	7	248	255	219	395	23	0	0
7/22/2010	5	198	253	233	478	23	0	0
7/23/2010	6	146	248	237	537	21	0	0
7/24/2010	5	112	205	231	478	22	0	0
7/25/2010	0	0	195	206	387	23	0	0
7/26/2010	0	0	124	218	340	0	0	0
7/27/2010	4	0	96	85	340	0	0	0
7/28/2010	0	0	112	85	317	0	0	0
7/29/2010	0	0	111	86	346	0	0	0
7/30/2010	0	0	108	74	381	0	0	0
7/31/2010	0	0	104	77	406	0	0	0
8/1/2010	2	0	102	80	412	0	0	0
8/2/2010	0	0	102	77	401	0	0	0
8/3/2010	0	46	144	99	404	0	0	0
8/4/2010	6	141	163	121	418	21	0	0
8/5/2010	0	176	220	136	441	20	0	0
8/6/2010	2	177	265	157	493	20	0	0
8/7/2010	3	168	264	156	496	20	0	0
8/8/2010	0	162	257	169	490	0	0	0
8/9/2010	3	241	259	186	481	0	0	0
8/10/2010	5	289	235	190	490	12	0	0
8/11/2010	6	284	229	195	478	24	0	0
8/12/2010	3	289	237	216	487	22	0	0
8/13/2010	0	296	230	235	484	22	0	0
8/14/2010	3	184	220	233	484	21	0	0
8/15/2010	0	182	213	209	465	0	30	0
8/16/2010	2	188	213	193	462	0	0	0
8/17/2010	0	193	223	205	478	0	0	0
8/18/2010	6	191	241	208	496	23	0	0
8/19/2010	0	130	247	205	493	22	0	0
8/20/2010	8	163	254	202	478	0	0	0
8/21/2010	0	174	259	208	456	0	0	0
8/22/2010	0	171	253	208	450	0	0	0
8/23/2010	5	183	244	208	447	0	0	0
8/24/2010	0	101	142	200	418	24	0	0
8/25/2010	0	96	95	193	370	21	0	0
8/26/2010	0	172	136	186	330	22	0	0
8/27/2010	5	174	135	186	320	0	30	9
8/28/2010	2	153	148	178	354	0	0	0
8/29/2010	0	140	127	172	433	0	0	0
8/30/2010	0	168	114	159	450	0	0	0
8/31/2010	3	169	135	155	472	0	0	0
9/1/2010	0	188	150	158	515	0	0	3

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
Input to the authorized diversion (Qda) parameter

	Applied Percha Dam (RAS Sta 557766.6) Segment 1	Applied Leasburg Dam (RAS sta 328017) Segment 1	Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2				For Information Only Not Applied in HEC-RAS	
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM ^a RIVER (CFS)
9/2/2010	2	187	196	165	518	0	0	0
9/3/2010	5	253	214	180	490	0	0	0
9/4/2010	0	281	217	178	453	0	0	0
9/5/2010	4	268	217	181	401	0	0	0
9/6/2010	2	268	212	184	409	0	0	1
9/7/2010	0	266	216	187	418	21	0	2
9/8/2010	0	264	219	194	456	23	0	0
9/9/2010	0	255	203	202	447	23	0	0
9/10/2010	0	197	56	158	387	25	0	0
9/11/2010	0	78	0	66	299	0	0	0
9/12/2010	0	22	0	22	231	0	0	0
9/13/2010	0	0	0	0	174	0	0	0
9/14/2010	0	0	0	0	164	0	0	0
9/15/2010	0	0	0	0	162	0	0	0
9/16/2010	0	0	0	0	176	0	0	0
9/17/2010	0	0	0	0	186	0	0	0
9/18/2010	0	0	0	0	186	0	0	0
9/19/2010	0	0	0	0	144	0	0	0
9/20/2010	0	0	0	0	128	0	0	0
9/21/2010	0	0	0	16	153	0	0	0
9/22/2010	0	0	0	32	172	0	0	0
9/23/2010	0	0	0	32	172	0	0	0
9/24/2010	0	0	0	10	144	0	0	0
9/25/2010	0	0	0	0	130	0	0	0
9/26/2010	0	0	0	0	131	0	0	0
9/27/2010	0	0	0	0	128	0	0	0
9/28/2010	0	0	0	0	130	0	0	0
9/29/2010	0	0	0	0	133	0	0	0
9/30/2010	0	0	0	0	144	0	0	0
10/1/2010	0	0	0	0	0	0	0	0
10/2/2010	0	0	0	0	0	0	0	0
10/3/2010	0	0	0	0	0	0	0	0
10/4/2010	0	0	0	0	0	0	0	0
10/5/2010	0	0	0	0	0	0	0	0
10/6/2010	0	0	0	0	0	0	0	0
10/7/2010	0	0	0	0	0	0	0	0
10/8/2010	0	0	0	0	0	0	0	0
10/9/2010	0	0	0	0	0	0	0	0
10/10/2010	0	0	0	0	0	0	0	0
10/11/2010	0	0	0	0	0	0	0	0
10/12/2010	0	0	0	0	0	0	0	0
10/13/2010	0	0	0	0	0	0	0	0
10/14/2010	0	0	0	0	0	0	0	0
10/15/2010	0	0	0	0	0	0	0	0
10/16/2010	0	0	0	0	0	0	0	0
10/17/2010	0	0	0	0	0	0	0	0
10/18/2010	0	0	0	0	0	0	0	0
10/19/2010	0	0	0	0	0	0	0	0
10/20/2010	0	0	0	0	0	0	0	0
10/21/2010	0	0	0	0	0	0	0	0
10/22/2010	0	0	0	0	0	0	0	0
10/23/2010	0	0	0	0	0	0	0	0
10/24/2010	0	0	0	0	0	0	0	0
10/25/2010	0	0	0	0	0	0	0	0
10/26/2010	0	0	0	0	0	0	0	0
10/27/2010	0	0	0	0	0	0	0	0
10/28/2010	0	0	0	0	0	0	0	0
10/29/2010	0	0	0	0	0	0	0	0
10/30/2010	0	0	0	0	0	0	0	0
10/31/2010	0	0	0	0	0	0	0	0
11/1/2010								

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
 Input to the authorized diversion (Qda) parameter

	Applied Percha Dam (RAS Sta 557766.6) Segment 1	Applied Leasburg Dam (RAS sta 328017) Segment 1	Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2				For Information Only Not Applied in HEC-RAS	
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM ^a RIVER (CFS)
11/2/2010								
11/3/2010								
11/4/2010								
11/5/2010								
11/6/2010								
11/7/2010								
11/8/2010								
11/9/2010								
11/10/2010								
11/11/2010								
11/12/2010								
11/13/2010								
11/14/2010								
11/15/2010								
11/16/2010								
11/17/2010								
11/18/2010								
11/19/2010								
11/20/2010								
11/21/2010								
11/22/2010								
11/23/2010								
11/24/2010								
11/25/2010								
11/26/2010								
11/27/2010								
11/28/2010								
11/29/2010								
11/30/2010								
12/1/2010								
12/2/2010								
12/3/2010								
12/4/2010								
12/5/2010								
12/6/2010								
12/7/2010								
12/8/2010								
12/9/2010								
12/10/2010								
12/11/2010								
12/12/2010								
12/13/2010								
12/14/2010								
12/15/2010								
12/16/2010								
12/17/2010								
12/18/2010								
12/19/2010								
12/20/2010								
12/21/2010								
12/22/2010								
12/23/2010								
12/24/2010								
12/25/2010								
12/26/2010								
12/27/2010								
12/28/2010								
12/29/2010								
12/30/2010								
12/31/2010								
1/1/2011								

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
Input to the authorized diversion (Qda) parameter

	Applied Percha Dam (RAS Sta 557766.6) Segment 1	Applied Leasburg Dam (RAS sta 328017) Segment 1	Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2	For Information Only Not Applied in HEC-RAS				
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM ^a RIVER (CFS)
1/2/2011								
1/3/2011								
1/4/2011								
1/5/2011								
1/6/2011								
1/7/2011								
1/8/2011								
1/9/2011								
1/10/2011								
1/11/2011								
1/12/2011								
1/13/2011								
1/14/2011								
1/15/2011								
1/16/2011								
1/17/2011								
1/18/2011								
1/19/2011								
1/20/2011								
1/21/2011								
1/22/2011								
1/23/2011								
1/24/2011								
1/25/2011								
1/26/2011								
1/27/2011								
1/28/2011								
1/29/2011								
1/30/2011								
1/31/2011								
2/1/2011	0	0	0	0	0	0	0	0
2/2/2011	0	0	0	0	0	0	0	0
2/3/2011	0	0	0	0	0	0	0	0
2/4/2011	0	0	0	0	0	0	0	0
2/5/2011	0	0	0	0	0	0	0	0
2/6/2011	0	0	0	0	0	0	0	0
2/7/2011	0	0	0	0	0	0	0	0
2/8/2011	0	0	0	0	0	0	0	0
2/9/2011	0	0	0	0	0	0	0	0
2/10/2011	0	0	0	0	0	0	0	0
2/11/2011	0	0	0	0	0	0	0	0
2/12/2011	0	0	0	0	0	0	0	0
2/13/2011	0	0	0	0	0	0	0	0
2/14/2011	0	0	0	0	0	0	0	0
2/15/2011	0	0	0	0	0	0	0	0
2/16/2011	0	0	0	0	0	0	0	0
2/17/2011	0	0	0	0	0	0	0	0
2/18/2011	0	0	0	0	0	0	0	0
2/19/2011	0	0	0	0	0	0	0	0
2/20/2011	0	0	0	0	0	0	0	0
2/21/2011	0	0	0	0	0	0	0	0
2/22/2011	0	0	0	0	0	0	0	0
2/23/2011	0	0	0	0	0	0	0	0
2/24/2011	0	0	0	0	0	0	0	0
2/25/2011	0	0	0	0	0	0	0	0
2/26/2011	0	0	0	0	0	0	0	0
2/27/2011	0	0	0	0	0	0	0	0
2/28/2011	0	0	0	0	0	0	0	0
3/1/2011	0	0	0	0	0	0	0	0
3/2/2011	0	0	0	0	0	0	0	0
3/3/2011	0	0	0	0	0	0	0	0

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
Input to the authorized diversion (Qda) parameter

	Applied Percha Dam (RAS Sta 557766.6) Segment 1	Applied Leasburg Dam (RAS sta 328017) Segment 1	Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2	For Information Only Not Applied in HEC-RAS				
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM ^a RIVER (CFS)
3/4/2011	0	0	0	0	0	0	0	0
3/5/2011	0	0	0	0	0	0	0	0
3/6/2011	0	0	0	0	0	0	0	0
3/7/2011	0	0	0	0	0	0	0	0
3/8/2011	0	0	0	0	0	0	0	0
3/9/2011	0	0	0	0	0	0	0	0
3/10/2011	0	0	0	0	0	0	0	0
3/11/2011	0	0	0	0	0	0	0	0
3/12/2011	0	0	0	0	0	0	0	0
3/13/2011	0	0	0	0	0	0	0	0
3/14/2011	0	0	0	0	0	0	0	0
3/15/2011	0	0	0	0	0	0	0	0
3/16/2011	0	0	0	0	0	0	0	0
3/17/2011	0	0	0	0	0	0	0	0
3/18/2011	0	0	0	0	0	0	0	0
3/19/2011	0	0	0	0	0	0	0	0
3/20/2011	0	0	0	0	0	0	0	0
3/21/2011	0	0	0	0	0	0	0	0
3/22/2011	0	0	0	0	0	0	0	0
3/23/2011	0	0	0	0	0	0	0	0
3/24/2011	0	0	0	0	0	0	0	0
3/25/2011	0	0	0	0	0	0	0	0
3/26/2011	0	0	0	0	0	0	0	0
3/27/2011	0	0	0	0	0	0	0	0
3/28/2011	0	0	0	0	0	0	0	0
3/29/2011	0	0	0	0	0	0	0	0
3/30/2011	0	0	0	0	0	0	0	0
3/31/2011	0	0	0	0	0	0	0	0
4/1/2011	0	0	0	31	194	0	0	0
4/2/2011	0	0	0	44	194	0	0	0
4/3/2011	0	0	0	43	184	0	0	0
4/4/2011	0	0	0	42	144	0	0	0
4/5/2011	0	0	0	41	121	0	0	0
4/6/2011	0	0	0	7	155	0	0	0
4/7/2011	0	0	0	0	207	0	0	0
4/8/2011	0	0	0	0	198	0	0	0
4/9/2011	0	0	0	0	196	0	0	0
4/10/2011	0	0	0	0	70	0	0	0
4/11/2011	0	0	0	0	0	0	0	0
4/12/2011	0	0	0	0	0	0	0	0
4/13/2011	0	0	0	0	0	0	0	0
4/14/2011	0	0	0	0	0	0	0	0
4/15/2011	0	0	0	0	0	0	0	0
4/16/2011	0	0	0	0	0	0	0	0
4/17/2011	0	0	0	0	0	0	0	0
4/18/2011	0	0	0	0	118	0	0	0
4/19/2011	0	0	0	0	151	0	0	0
4/20/2011	0	0	0	0	153	0	0	0
4/21/2011	0	0	0	0	155	0	0	0
4/22/2011	0	0	0	0	153	0	0	0
4/23/2011	0	0	0	0	151	0	0	0
4/24/2011	0	0	0	0	146	0	0	0
4/25/2011	0	0	0	20	135	0	0	0
4/26/2011	0	0	0	25	126	0	0	0
4/27/2011	0	0	0	24	121	0	0	0
4/28/2011	0	0	0	40	146	0	0	0
4/29/2011	0	0	0	34	155	0	0	0
4/30/2011	0	0	0	15	151	0	0	0
5/1/2011	0	0	0	0	0	0	0	0
5/2/2011	0	0	0	0	0	0	0	0
5/3/2011	0	0	0	0	0	0	0	0

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
Input to the authorized diversion (Qda) parameter

	Applied Percha Dam (RAS Sta 557766.6) Segment 1	Applied Leasburg Dam (RAS sta 328017) Segment 1	Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2	For Information Only Not Applied in HEC-RAS				
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM ^a RIVER (CFS)
5/4/2011	0	0	0	0	0	0	0	0
5/5/2011	0	0	0	0	0	0	0	0
5/6/2011	0	0	0	0	0	0	0	0
5/7/2011	0	0	0	0	0	0	0	0
5/8/2011	0	0	0	0	0	0	0	0
5/9/2011	0	0	0	0	0	0	0	0
5/10/2011	0	0	0	0	0	0	0	0
5/11/2011	0	0	0	0	0	0	0	0
5/12/2011	0	0	0	0	0	0	0	0
5/13/2011	0	0	0	0	0	0	0	0
5/14/2011	0	0	0	0	0	0	0	0
5/15/2011	0	0	0	0	0	0	0	0
5/16/2011	0	0	0	0	0	0	0	0
5/17/2011	0	0	0	0	0	0	0	0
5/18/2011	0	0	0	0	0	0	0	0
5/19/2011	0	0	0	0	0	0	0	0
5/20/2011	0	0	0	0	0	0	0	0
5/21/2011	0	0	0	0	0	0	0	0
5/22/2011	0	0	0	0	0	0	0	0
5/23/2011	0	0	0	0	0	0	0	0
5/24/2011	0	0	0	0	0	0	0	0
5/25/2011	0	0	0	0	0	0	0	0
5/26/2011	0	0	0	0	0	0	0	0
5/27/2011	0	0	0	0	0	0	0	0
5/28/2011	0	0	0	0	0	0	0	0
5/29/2011	0	0	0	0	0	0	0	0
5/30/2011	0	0	0	0	0	0	0	0
5/31/2011	0	0	0	0	0	0	0	0
6/1/2011	0	132	87	26	135	0	0	0
6/2/2011	0	130	156	101	312	20	0	0
6/3/2011	0	130	153	100	335	20	0	0
6/4/2011	0	132	154	112	327	20	0	0
6/5/2011	0	131	154	136	359	20	0	0
6/6/2011	0	186	154	134	370	0	0	0
6/7/2011	0	223	150	124	351	20	0	0
6/8/2011	0	200	149	104	356	20	0	0
6/9/2011	0	182	174	104	390	0	0	0
6/10/2011	0	161	189	101	392	0	0	0
6/11/2011	0	139	192	117	378	0	0	0
6/12/2011	0	133	191	147	354	0	0	0
6/13/2011	0	157	186	145	359	0	0	0
6/14/2011	0	207	193	143	351	0	0	0
6/15/2011	0	215	196	136	370	20	0	0
6/16/2011	0	212	186	138	384	20	0	0
6/17/2011	0	207	188	129	359	20	0	0
6/18/2011	0	173	193	120	381	0	0	0
6/19/2011	0	157	193	122	335	0	0	0
6/20/2011	0	182	193	120	327	0	0	0
6/21/2011	0	199	190	116	346	0	0	0
6/22/2011	0	196	191	127	381	18	0	0
6/23/2011	0	192	226	157	406	18	0	0
6/24/2011	0	154	259	171	418	0	0	0
6/25/2011	0	145	259	168	415	18	0	0
6/26/2011	0	128	238	142	415	0	0	0
6/27/2011	0	152	221	134	404	0	0	0
6/28/2011	0	173	217	130	373	0	0	0
6/29/2011	0	204	214	139	378	20	0	0
6/30/2011	0	258	242	164	390	20	0	0
7/1/2011	0	252	250	180	421	20	0	0
7/2/2011	0	255	254	194	436	11	0	0
7/3/2011	0	258	260	210	438	0	0	0

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
Input to the authorized diversion (Qda) parameter

	Applied Percha Dam (RAS Sta 557766.6) Segment 1	Applied Leasburg Dam (RAS sta 328017) Segment 1	Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2	For Information Only Not Applied in HEC-RAS				
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM ^a RIVER (CFS)
7/4/2011	0	188	263	209	438	0	0	0
7/5/2011	0	88	227	200	459	0	0	0
7/6/2011	0	0	213	184	459	0	0	0
7/7/2011	0	0	58	106	340	0	0	0
7/8/2011	0	0	0	30	211	0	0	0
7/9/2011	0	0	0	48	203	0	0	0
7/10/2011	0	0	0	48	198	0	0	0
7/11/2011	0	0	0	27	198	0	0	0
7/12/2011	0	0	0	0	192	0	0	0
7/13/2011	0	0	0	0	188	0	0	0
7/14/2011	0	0	0	0	182	0	0	0
7/15/2011	0	0	0	0	182	0	0	0
7/16/2011	0	0	0	0	182	0	0	0
7/17/2011	0	0	0	0	170	0	0	0
7/18/2011	0	0	0	0	137	0	0	0
7/19/2011	0	0	0	0	103	0	0	0
7/20/2011	0	0	0	0	119	0	0	0
7/21/2011	0	0	0	0	149	0	0	0
7/22/2011	0	0	0	0	153	0	0	0
7/23/2011	0	0	0	0	153	0	0	0
7/24/2011	0	0	0	0	194	0	0	0
7/25/2011	0	0	0	0	205	0	0	0
7/26/2011	0	0	0	0	207	0	0	0
7/27/2011	0	0	0	0	203	0	0	0
7/28/2011	0	0	0	0	211	0	0	0
7/29/2011	0	0	0	0	194	0	0	0
7/30/2011	0	0	0	30	209	0	0	0
7/31/2011	0	0	0	59	244	0	0	0
8/1/2011	0	0	0	0	0	0	0	0
8/2/2011	0	0	0	0	0	0	0	0
8/3/2011	0	0	0	0	0	0	0	0
8/4/2011	0	0	0	0	0	0	0	0
8/5/2011	0	0	0	0	0	0	0	0
8/6/2011	0	0	0	0	0	0	0	0
8/7/2011	0	0	0	0	0	0	0	0
8/8/2011	0	0	0	0	0	0	0	0
8/9/2011	0	0	0	0	0	0	0	0
8/10/2011	0	0	0	0	0	0	0	0
8/11/2011	0	0	0	0	0	0	0	0
8/12/2011	0	0	0	0	0	0	0	0
8/13/2011	0	0	0	0	0	0	0	0
8/14/2011	0	0	0	0	0	0	0	0
8/15/2011	0	0	0	0	0	0	0	0
8/16/2011	0	0	0	0	0	0	0	0
8/17/2011	0	0	0	0	0	0	0	0
8/18/2011	0	0	0	0	0	0	0	0
8/19/2011	0	0	0	0	0	0	0	0
8/20/2011	0	0	0	0	0	0	0	0
8/21/2011	0	0	0	0	0	0	0	0
8/22/2011	0	0	0	0	0	0	0	0
8/23/2011	0	0	0	0	0	0	0	0
8/24/2011	0	0	0	0	0	0	0	0
8/25/2011	0	0	0	0	0	0	0	0
8/26/2011	0	0	0	0	0	0	0	0
8/27/2011	0	0	0	0	0	0	0	0
8/28/2011	0	0	0	0	0	0	0	0
8/29/2011	0	0	0	0	0	0	0	0
8/30/2011	0	0	0	0	0	0	0	0
8/31/2011	0	0	0	0	0	0	0	0
9/1/2011	0	0	0	0	0	0	0	0
9/2/2011	0	0	0	0	0	0	0	0

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
Input to the authorized diversion (Qda) parameter

	Applied Percha Dam (RAS Sta 557766.6) Segment 1	Applied Leasburg Dam (RAS sta 328017) Segment 1	Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2	For Information Only Not Applied in HEC-RAS				
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM ^a RIVER (CFS)
9/3/2011	0	0	0	0	0	0	0	0
9/4/2011	0	0	0	0	0	0	0	0
9/5/2011	0	0	0	0	0	0	0	0
9/6/2011	0	0	0	0	0	0	0	0
9/7/2011	0	0	0	0	0	0	0	0
9/8/2011	0	0	0	0	0	0	0	0
9/9/2011	0	0	0	0	0	0	0	0
9/10/2011	0	0	0	0	0	0	0	0
9/11/2011	0	0	0	0	0	0	0	0
9/12/2011	0	0	0	0	0	0	0	0
9/13/2011	0	0	0	0	0	0	0	0
9/14/2011	0	0	0	0	0	0	0	0
9/15/2011	0	0	0	0	0	0	0	0
9/16/2011	0	0	0	0	0	0	0	0
9/17/2011	0	0	0	0	0	0	0	0
9/18/2011	0	0	0	0	0	0	0	0
9/19/2011	0	0	0	0	0	0	0	0
9/20/2011	0	0	0	0	0	0	0	0
9/21/2011	0	0	0	0	0	0	0	0
9/22/2011	0	0	0	0	0	0	0	0
9/23/2011	0	0	0	0	0	0	0	0
9/24/2011	0	0	0	0	0	0	0	0
9/25/2011	0	0	0	0	0	0	0	0
9/26/2011	0	0	0	0	0	0	0	0
9/27/2011	0	0	0	0	0	0	0	0
9/28/2011	0	0	0	0	0	0	0	0
9/29/2011	0	0	0	0	0	0	0	0
9/30/2011	0	0	0	0	0	0	0	0
10/1/2011	0	0	0	0	0	0	0	0
10/2/2011	0	0	0	0	0	0	0	0
10/3/2011	0	0	0	0	0	0	0	0
10/4/2011	0	0	0	0	0	0	0	0
10/5/2011	0	0	0	0	0	0	0	0
10/6/2011	0	0	0	0	0	0	0	0
10/7/2011	0	0	0	0	0	0	0	0
10/8/2011	0	0	0	0	0	0	0	0
10/9/2011	0	0	0	0	0	0	0	0
10/10/2011	0	0	0	0	0	0	0	0
10/11/2011	0	0	0	0	0	0	0	0
10/12/2011	0	0	0	0	0	0	0	0
10/13/2011	0	0	0	0	0	0	0	0
10/14/2011	0	0	0	0	0	0	0	0
10/15/2011	0	0	0	0	0	0	0	0
10/16/2011	0	0	0	0	0	0	0	0
10/17/2011	0	0	0	0	0	0	0	0
10/18/2011	0	0	0	0	0	0	0	0
10/19/2011	0	0	0	0	0	0	0	0
10/20/2011	0	0	0	0	0	0	0	0
10/21/2011	0	0	0	0	0	0	0	0
10/22/2011	0	0	0	0	0	0	0	0
10/23/2011	0	0	0	0	0	0	0	0
10/24/2011	0	0	0	0	0	0	0	0
10/25/2011	0	0	0	0	0	0	0	0
10/26/2011	0	0	0	0	0	0	0	0
10/27/2011	0	0	0	0	0	0	0	0
10/28/2011	0	0	0	0	0	0	0	0
10/29/2011	0	0	0	0	0	0	0	0
10/30/2011	0	0	0	0	0	0	0	0
10/31/2011	0	0	0	0	0	0	0	0
11/1/2011								
11/2/2011								

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
Input to the authorized diversion (Qda) parameter

	Applied Percha Dam (RAS Sta 557766.6) Segment 1	Applied Leasburg Dam (RAS sta 328017) Segment 1	Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2				For Information Only Not Applied in HEC-RAS	
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM RIVER (CFS)
11/3/2011								
11/4/2011								
11/5/2011								
11/6/2011								
11/7/2011								
11/8/2011								
11/9/2011								
11/10/2011								
11/11/2011								
11/12/2011								
11/13/2011								
11/14/2011								
11/15/2011								
11/16/2011								
11/17/2011								
11/18/2011								
11/19/2011								
11/20/2011								
11/21/2011								
11/22/2011								
11/23/2011								
11/24/2011								
11/25/2011								
11/26/2011								
11/27/2011								
11/28/2011								
11/29/2011								
11/30/2011								
12/1/2011								
12/2/2011								
12/3/2011								
12/4/2011								
12/5/2011								
12/6/2011								
12/7/2011								
12/8/2011								
12/9/2011								
12/10/2011								
12/11/2011								
12/12/2011								
12/13/2011								
12/14/2011								
12/15/2011								
12/16/2011								
12/17/2011								
12/18/2011								
12/19/2011								
12/20/2011								
12/21/2011								
12/22/2011								
12/23/2011								
12/24/2011								
12/25/2011								
12/26/2011								
12/27/2011								
12/28/2011								
12/29/2011								
12/30/2011								
12/31/2011								
1/1/2012								
1/2/2012								

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
Input to the authorized diversion (Qda) parameter

	Applied Percha Dam (RAS Sta 557766.6) Segment 1	Applied Leasburg Dam (RAS sta 328017) Segment 1	Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2	For Information Only Not Applied in HEC-RAS				
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM ^a RIVER (CFS)
1/3/2012								
1/4/2012								
1/5/2012								
1/6/2012								
1/7/2012								
1/8/2012								
1/9/2012								
1/10/2012								
1/11/2012								
1/12/2012								
1/13/2012								
1/14/2012								
1/15/2012								
1/16/2012								
1/17/2012								
1/18/2012								
1/19/2012								
1/20/2012								
1/21/2012								
1/22/2012								
1/23/2012								
1/24/2012								
1/25/2012								
1/26/2012								
1/27/2012								
1/28/2012								
1/29/2012								
1/30/2012								
1/31/2012								
2/1/2012	0	0	0	0	0	0	0	0
2/2/2012	0	0	0	0	0	0	0	0
2/3/2012	0	0	0	0	0	0	0	0
2/4/2012	0	0	0	0	0	0	0	0
2/5/2012	0	0	0	0	0	0	0	0
2/6/2012	0	0	0	0	0	0	0	0
2/7/2012	0	0	0	0	0	0	0	0
2/8/2012	0	0	0	0	0	0	0	0
2/9/2012	0	0	0	0	0	0	0	0
2/10/2012	0	0	0	0	0	0	0	0
2/11/2012	0	0	0	0	0	0	0	0
2/12/2012	0	0	0	0	0	0	0	0
2/13/2012	0	0	0	0	0	0	0	0
2/14/2012	0	0	0	0	0	0	0	0
2/15/2012	0	0	0	0	0	0	0	0
2/16/2012	0	0	0	0	0	0	0	0
2/17/2012	0	0	0	0	0	0	0	0
2/18/2012	0	0	0	0	0	0	0	0
2/19/2012	0	0	0	0	0	0	0	0
2/20/2012	0	0	0	0	0	0	0	0
2/21/2012	0	0	0	0	0	0	0	0
2/22/2012	0	0	0	0	0	0	0	0
2/23/2012	0	0	0	0	0	0	0	0
2/24/2012	0	0	0	0	0	0	0	0
2/25/2012	0	0	0	0	0	0	0	0
2/26/2012	0	0	0	0	0	0	0	0
2/27/2012	0	0	0	0	0	0	0	0
2/28/2012	0	0	0	0	0	0	0	0
2/29/2012								
3/1/2012	0	0	0	0	0	0	0	0
3/2/2012	0	0	0	0	0	0	0	0
3/3/2012	0	0	0	0	0	0	0	0

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
Input to the authorized diversion (Qda) parameter

	Applied Percha Dam (RAS Sta 557766.6) Segment 1	Applied Leasburg Dam (RAS sta 328017) Segment 1	Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2	For Information Only Not Applied in HEC-RAS				
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM ^a RIVER (CFS)
3/4/2012	0	0	0	0	0	0	0	0
3/5/2012	0	0	0	0	0	0	0	0
3/6/2012	0	0	0	0	0	0	0	0
3/7/2012	0	0	0	0	0	0	0	0
3/8/2012	0	0	0	0	0	0	0	0
3/9/2012	0	0	0	0	0	0	0	0
3/10/2012	0	0	0	0	0	0	0	0
3/11/2012	0	0	0	0	0	0	0	0
3/12/2012	0	0	0	0	0	0	0	0
3/13/2012	0	0	0	0	0	0	0	0
3/14/2012	0	0	0	0	0	0	0	0
3/15/2012	0	0	0	0	0	0	0	0
3/16/2012	0	0	0	0	0	0	0	0
3/17/2012	0	0	0	0	0	0	0	0
3/18/2012	0	0	0	0	0	0	0	0
3/19/2012	0	0	0	0	0	0	0	0
3/20/2012	0	0	0	0	0	0	0	0
3/21/2012	0	0	0	0	0	0	0	0
3/22/2012	0	0	0	0	0	0	0	0
3/23/2012	0	0	0	0	0	0	0	0
3/24/2012	0	0	0	0	0	0	0	0
3/25/2012	0	0	0	0	0	0	0	0
3/26/2012	0	0	0	0	0	0	0	0
3/27/2012	0	0	0	0	0	0	0	0
3/28/2012	0	0	0	0	0	0	0	0
3/29/2012	0	0	0	0	0	0	0	0
3/30/2012	0	0	0	0	0	0	0	0
3/31/2012	0	0	0	0	0	0	0	0
4/1/2012	0	0	0	0	0	0	0	0
4/2/2012	0	0	0	0	0	0	0	0
4/3/2012	0	0	0	0	0	0	0	0
4/4/2012	0	0	0	0	0	0	0	0
4/5/2012	0	0	0	0	0	0	0	0
4/6/2012	0	0	0	0	0	0	0	0
4/7/2012	0	0	0	0	0	0	0	0
4/8/2012	0	0	0	0	0	0	0	0
4/9/2012	0	0	0	0	0	0	0	0
4/10/2012	0	0	0	0	0	0	0	0
4/11/2012	0	0	0	0	0	0	0	0
4/12/2012	0	0	0	0	108	0	0	0
4/13/2012	0	0	0	0	130	0	0	0
4/14/2012	0	0	0	0	111	0	0	0
4/15/2012	0	0	0	0	119	0	0	0
4/16/2012	0	0	0	0	102	0	0	0
4/17/2012	0	0	0	0	96	0	0	0
4/18/2012	0	0	0	0	120	0	0	0
4/19/2012	0	0	0	0	130	0	0	0
4/20/2012	0	0	0	0	119	0	0	0
4/21/2012	0	0	0	0	118	0	0	0
4/22/2012	0	0	0	0	118	0	0	0
4/23/2012	0	0	0	0	119	0	0	0
4/24/2012	0	0	0	0	118	0	0	0
4/25/2012	0	0	0	0	142	0	0	0
4/26/2012	0	0	0	0	157	0	0	0
4/27/2012	0	50	0	0	157	0	0	0
4/28/2012	0	101	0	0	157	0	0	0
4/29/2012	0	100	0	0	94	0	0	0
4/30/2012	0	101	0	0	94	0	0	0
5/1/2012	0	101	0	0	0	0	0	0
5/2/2012	0	132	0	0	0	0	0	0
5/3/2012	0	150	0	0	0	0	0	0

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
Input to the authorized diversion (Qda) paramater

Applied Percha Dam (RAS Sta 557766.6) Segment 1		Applied Leasburg Dam (RAS sta 328017) Segment 1		Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2		For Information Only Not Applied in HEC-RAS		
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM ^a RIVER (CFS)
5/4/2012	0	150	0	0	0	0	0	0
5/5/2012	0	150	0	0	0	0	0	0
5/6/2012	0	155	0	0	0	0	0	0
5/7/2012	0	155	0	0	0	0	0	0
5/8/2012	0	73	0	0	0	0	0	0
5/9/2012	0	0	0	0	0	0	0	0
5/10/2012	0	0	0	0	0	0	0	0
5/11/2012	0	0	0	0	0	0	0	0
5/12/2012	0	0	0	0	0	0	0	0
5/13/2012	0	0	0	0	0	0	0	0
5/14/2012	0	0	0	0	0	0	0	0
5/15/2012	0	0	0	0	0	0	0	0
5/16/2012	0	77	0	0	0	0	0	0
5/17/2012	0	151	0	0	0	0	0	0
5/18/2012	0	149	0	0	0	0	0	0
5/19/2012	0	149	0	0	0	0	0	0
5/20/2012	0	149	0	0	0	0	0	0
5/21/2012	0	147	0	0	0	0	0	0
5/22/2012	0	191	0	0	0	0	0	0
5/23/2012	0	211	0	0	0	0	0	0
5/24/2012	0	218	0	0	0	0	0	0
5/25/2012	0	218	0	0	0	0	0	0
5/26/2012	0	218	0	0	0	0	0	0
5/27/2012	0	218	0	0	0	0	0	0
5/28/2012	0	218	0	0	0	0	0	0
5/29/2012	0	223	0	0	0	0	0	0
5/30/2012	0	223	0	0	0	0	0	0
5/31/2012	0	192	0	28	38	0	0	7
6/1/2012	0	192	0	153	317	0	0	0
6/2/2012	0	192	120	108	392	0	0	0
6/3/2012	0	192	161	144	401	0	0	0
6/4/2012	0	104	150	129	387	0	0	0
6/5/2012	10	104	146	143	496	0	0	0
6/6/2012	10	179	149	200	502	0	0	0
6/7/2012	10	183	154	205	474	25	0	0
6/8/2012	0	183	242	199	468	25	0	0
6/9/2012	10	183	281	199	462	25	0	0
6/10/2012	0	183	217	185	447	25	0	0
6/11/2012	0	183	157	185	435	25	0	0
6/12/2012	0	200	156	95	373	25	0	0
6/13/2012	10	223	179	118	400	25	0	0
6/14/2012	0	224	165	143	378	25	0	0
6/15/2012	10	120	184	144	378	25	0	0
6/16/2012	0	148	183	173	412	25	0	0
6/17/2012	0	121	213	173	412	25	0	0
6/18/2012	10	107	202	173	412	0	0	0
6/19/2012	10	107	185	140	381	0	0	0
6/20/2012	0	162	186	145	387	0	0	0
6/21/2012	10	176	170	144	373	0	0	0
6/22/2012	10	180	180	160	377	0	0	0
6/23/2012	10	186	171	175	394	0	0	0
6/24/2012	10	186	203	175	421	0	0	0
6/25/2012	0	186	231	173	427	0	0	0
6/26/2012	10	183	202	179	424	0	0	0
6/27/2012	10	186	186	179	428	25	0	0
6/28/2012	10	186	184	179	412	25	0	0
6/29/2012	10	186	181	179	427	25	0	0
6/30/2012	10	183	183	178	431	25	0	0
7/1/2012	0	181	186	178	409	25	0	0
7/2/2012	8	182	186	178	378	25	0	0
7/3/2012	0	147	182	170	367	25	0	0

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
Input to the authorized diversion (Qda) parameter

	Applied Percha Dam (RAS Sta 557766.6) Segment 1	Applied Leasburg Dam (RAS sta 328017) Segment 1	Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2	For Information Only Not Applied in HEC-RAS				
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM® RIVER (CFS)
7/4/2012	0	111	162	149	345	25	0	0
7/5/2012	0	111	158	122	313	25	0	0
7/6/2012	0	111	182	119	271	25	0	0
7/7/2012	0	111	202	99	242	25	0	0
7/8/2012	0	0	210	93	204	25	0	0
7/9/2012	0	0	191	93	170	0	0	0
7/10/2012	0	0	185	96	170	0	0	0
7/11/2012	0	0	163	67	190	0	0	0
7/12/2012	7	0	154	45	213	0	0	0
7/13/2012	8	0	160	67	200	0	0	0
7/14/2012	0	0	181	88	180	0	0	0
7/15/2012	0	0	181	88	238	0	0	0
7/16/2012	0	205	180	88	238	0	0	0
7/17/2012	0	198	179	100	277	25	0	0
7/18/2012	5	196	185	132	395	25	0	0
7/19/2012	8	189	186	182	402	25	0	0
7/20/2012	0	180	210	237	465	25	0	0
7/21/2012	9	177	255	235	484	25	0	0
7/22/2012	0	181	253	235	512	25	0	0
7/23/2012	8	177	252	235	499	25	0	0
7/24/2012	0	181	256	200	459	25	0	0
7/25/2012	9	181	251	169	449	25	0	0
7/26/2012	0	258	248	170	444	25	0	0
7/27/2012	0	257	248	169	427	25	0	0
7/28/2012	12	221	248	179	427	25	0	0
7/29/2012	0	188	249	187	424	25	0	0
7/30/2012	0	207	250	186	422	25	0	0
7/31/2012	0	228	257	186	418	25	0	11
8/1/2012		210	250	185	453	22		
8/2/2012		215	260	184	459	1		
8/3/2012		219	258	183	474	0		
8/4/2012		213	239	184	481	0		
8/5/2012		211	221	184	499	0		
8/6/2012		212	220	184	485	11		
8/7/2012		205	221	184	449	20		
8/8/2012		211	224	200	424	20		
8/9/2012		206	260	211	440	0		
8/10/2012		205	297	206	495	0		
8/11/2012		201	281	202	490	12		
8/12/2012		139	285	200	486	0		
8/13/2012		156	289	217	493	0		
8/14/2012			282	224	500	7		
8/15/2012			134	164	395	12		
8/16/2012			6	0	203	0		
8/17/2012			6	0	187	0		
8/18/2012			6	0	192	0		
8/19/2012			6	0	197	0		
8/20/2012			6	0	200	0		
8/21/2012			6	0	166	0		
8/22/2012			6	31	110	0		
8/23/2012			6	50	111	0		
8/24/2012			6	49	112	0		
8/25/2012			6	49	112	0		
8/26/2012			6	36	111	0		
8/27/2012			6	0	146	0		
8/28/2012			6	0	180	0		
8/29/2012			6	0	188	0		
8/30/2012			6	0	203	0		
8/31/2012			6	0	205	0		
9/1/2012			6	0	202	0		
9/2/2012			6	0	200	0		

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
Input to the authorized diversion (Qda) parameter

	Applied Percha Dam (RAS Sta 557766.6) Segment 1	Applied Leasburg Dam (RAS sta 328017) Segment 1	Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2				For Information Only Not Applied in HEC-RAS	
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM RIVER (CFS)
9/3/2012			6	0	199	0		
9/4/2012			6	0	168	0		
9/5/2012			6	0	53	0		
9/6/2012			6	0	3	0		
9/7/2012			6	3	9	0		
9/8/2012			6	13	112	0		
9/9/2012			6	0	207	0		
9/10/2012			6	0	318	0		
9/11/2012			6	0	341	0		
9/12/2012			6	0	149	0		
9/13/2012			6	0	0	0		
9/14/2012			6	0	0	0		
9/15/2012								
9/16/2012								
9/17/2012								
9/18/2012								
9/19/2012								
9/20/2012								
9/21/2012								
9/22/2012								
9/23/2012								
9/24/2012								
9/25/2012								
9/26/2012								
9/27/2012								
9/28/2012								
9/29/2012								
9/30/2012								
10/1/2012								
10/2/2012								
10/3/2012								
10/4/2012								
10/5/2012								
10/6/2012								
10/7/2012								
10/8/2012								
10/9/2012								
10/10/2012								
10/11/2012								
10/12/2012								
10/13/2012								
10/14/2012								
10/15/2012								
10/16/2012								
10/17/2012								
10/18/2012								
10/19/2012								
10/20/2012								
10/21/2012								
10/22/2012								
10/23/2012								
10/24/2012								
10/25/2012								
10/26/2012								
10/27/2012								
10/28/2012								
10/29/2012								
10/30/2012								
10/31/2012								
11/1/2012								
11/2/2012								

Table B-3: Mean Daily Flow Summary of USBR Diversion Data

2010-2012 Diversion Data Applied to the HEC-RAS Modeling
Input to the authorized diversion (Qda) parameter

	Applied Percha Dam (RAS Sta 557766.6) Segment 1	Applied Leasburg Dam (RAS sta 328017) Segment 1	Applied at Mesilla Diversion Dam (RAS Sta 207558.9) Segment 2	For Information Only Not Applied in HEC-RAS				
Day	PERCHA EBID (CFS)	ARREY EFAS (CFS)	LEASBURG EBID (CFS)	EASTSIDE EFAS (CFS)	WESTSIDE EFAS (CFS)	DEL RIO (CFS)	CA EXTENSION (CFS)	PUMPED FROM ^a RIVER (CFS)
11/3/2012								
11/4/2012								
11/5/2012								
11/6/2012								
11/7/2012								
11/8/2012								
11/9/2012								
11/10/2012								
11/11/2012								
11/12/2012								
11/13/2012								
11/14/2012								
11/15/2012								
11/16/2012								
11/17/2012								
11/18/2012								
11/19/2012								
11/20/2012								
11/21/2012								
11/22/2012								
11/23/2012								
11/24/2012								
11/25/2012								
11/26/2012								
11/27/2012								
11/28/2012								
11/29/2012								
11/30/2012								

Table B-4: Mean Daily Flow Summary of EBID River Gage Data

2010-2012 raw gage data obtained from the EBID website.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)
1/1/2010	0.88	20.29	31.11	23.21	0.00	71.30
1/2/2010	0.93	20.23	30.71	23.19	0.00	71.42
1/3/2010	1.08	20.29	30.89	23.16	0.00	71.60
1/4/2010	1.12	20.29	30.79	23.13	0.00	71.83
1/5/2010	1.09	20.20	78.29	23.93	0.00	72.05
1/6/2010	1.13	20.03	48.55	30.84	23.58	72.10
1/7/2010	1.08	19.90	42.41	26.44	0.00	72.36
1/8/2010	1.01	19.91	40.22	25.58	0.00	72.49
1/9/2010	0.95	19.74	39.64	24.73	0.00	72.58
1/10/2010	0.98	19.71	39.53	24.88	0.00	72.62
1/11/2010	1.07	19.87	39.75	24.66	62.00	72.81
1/12/2010	1.13	19.79	39.51	24.38	0.00	72.90
1/13/2010	1.11	19.54	38.92	24.16	17.16	72.95
1/14/2010	1.06	19.45	38.78	24.07	0.00	73.01
1/15/2010	0.97	19.46	38.03	23.84	0.00	73.08
1/16/2010	1.00	19.46	35.75	23.53	0.00	73.10
1/17/2010	0.97	19.45	35.26	23.30	0.00	73.12
1/18/2010	0.97	19.38	35.44	23.14	0.00	73.17
1/19/2010	0.95	19.35	35.35	22.90	0.00	72.74
1/20/2010	0.95	19.25	33.37	22.87	0.00	72.38
1/21/2010	1.07	17.35	32.11	22.81	0.00	72.37
1/22/2010	1.05	17.27	32.88	22.72	0.00	72.25
1/23/2010	1.07	18.78	38.50	22.84	0.00	72.27
1/24/2010	1.08	17.22	39.55	22.90	0.00	72.23
1/25/2010	1.05	16.56	34.81	22.98	0.00	72.17
1/26/2010	0.93	16.38	33.21	23.02	0.00	72.08
1/27/2010	46.10	16.28	31.93	23.08	0.00	72.04
1/28/2010	88.88	17.60	30.60	23.07	0.00	71.84
1/29/2010	88.70	18.25	30.76	23.19	0.00	71.92
1/30/2010	89.22	17.56	31.11	23.25	0.00	71.80
1/31/2010	89.52	17.04	31.34	23.31	0.00	71.70
2/1/2010	89.80	16.82	31.21	23.35	0.00	71.60
2/2/2010	90.13	16.51	31.09	23.41	0.00	71.50
2/3/2010	52.81	19.57	34.31	24.08	0.00	71.22
2/4/2010	0.76	21.36	47.12	26.17	0.00	71.29
2/5/2010	0.84	18.98	45.81	26.77	0.00	71.08
2/6/2010	0.89	18.09	39.52	26.82	0.00	70.94
2/7/2010	0.94	17.63	37.06	26.24	0.00	70.81
2/8/2010	0.85	17.32	32.98	25.34	0.00	70.72
2/9/2010	0.85	17.03	32.50	24.19	0.00	70.49
2/10/2010	-1028687573.55	17.01	30.41	23.93	0.00	70.37
2/11/2010	-2146826252.00	17.23	30.18	23.90	0.00	70.20
2/12/2010	-2146826252.00	17.07	30.03	23.93	0.00	70.02
2/13/2010	-2146826252.00	16.84	29.86	23.93	0.00	69.78
2/14/2010	-2146826252.00	16.61	29.68	23.92	0.00	69.61
2/15/2010	#N/A	#N/A	#N/A	#N/A	#N/A	0.00
2/16/2010	-2146826252.00	16.66	28.17	24.11	0.00	69.21
2/17/2010	-2146826252.00	16.58	28.04	23.01	0.00	68.98
2/18/2010	-2146826252.00	16.61	27.66	21.37	0.00	68.76
2/19/2010	-2146826252.00	16.62	27.07	21.40	0.00	68.61
2/20/2010	-2146826252.00	16.67	25.98	16.49	0.00	68.38
2/21/2010	-2146826252.00	16.72	24.64	15.93	0.00	68.09
2/22/2010	-867865707.14	16.67	24.02	15.96	0.00	67.91
2/23/2010	5.35	16.14	22.67	14.93	0.00	67.56
2/24/2010	11.52	16.01	20.49	13.59	0.00	67.35
2/25/2010	10.63	16.25	19.12	14.10	0.00	67.18
2/26/2010	124.70	26.36	24.39	7.91	0.00	66.92
2/27/2010	95.19	61.14	48.19	2.92	0.00	66.66
2/28/2010	95.47	91.22	62.79	2.97	0.00	66.37
3/1/2010	97.03	114.15	73.19	64.87	0.00	252.10
3/2/2010	98.32	132.98	76.44	189.98	0.00	325.58
3/3/2010	98.65	147.08	70.44	145.55	0.00	254.22
3/4/2010	297.45	194.79	62.27	121.02	0.00	194.47
3/5/2010	349.75	392.95	313.77	141.28	0.00	144.92
3/6/2010	452.87	496.67	469.03	487.17	0.00	104.86
3/7/2010	453.08	538.49	569.30	626.74	0.00	242.98
3/8/2010	551.69	552.24	564.22	634.69	0.00	375.77
3/9/2010	687.37	655.54	590.31	621.69	0.00	395.38
3/10/2010	731.66	740.49	758.76	694.07	0.00	441.55
3/11/2010	731.54	741.12	761.09	708.33	0.00	432.87
3/12/2010	764.89	736.11	766.10	708.29	0.00	450.57
3/13/2010	892.21	847.69	847.21	714.66	0.00	452.69
3/14/2010	891.27	896.01	922.56	791.61	0.00	512.05
3/15/2010	948.64	912.01	900.93	792.62	0.00	655.99
3/16/2010	1259.68	1052.93	981.74	825.26	0.00	613.73
3/17/2010	1324.99	1152.53	1129.13	959.23	0.00	728.15
3/18/2010	1220.22	1160.80	1153.95	1014.86	0.00	916.72

Table B-4: Mean Daily Flow Summary of EBID River Gage Data

2010-2012 raw gage data obtained from the EBID website.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)
3/19/2010	1135.27	1047.65	1035.58	992.97	0.00	923.26
3/20/2010	1197.67	1053.30	989.64	927.08	0.00	733.01
3/21/2010	1316.31	1195.82	1099.60	940.58	0.00	674.35
3/22/2010	1313.52	1249.49	1208.73	1033.40	0.00	736.52
3/23/2010	1524.48	1292.88	1225.39	1041.55	0.00	713.03
3/24/2010	1877.77	1722.49	1473.93	1139.42	0.00	705.88
3/25/2010	1792.04	1779.58	1577.63	1236.33	0.00	882.20
3/26/2010	1701.10	1576.43	1415.31	1323.00	0.00	956.07
3/27/2010	1702.89	1583.41	1369.81	1247.48	0.00	857.85
3/28/2010	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
3/29/2010	1943.84	1733.78	1543.88	1409.92	0.00	918.82
3/30/2010	1978.65	1820.35	1623.43	1426.94	0.00	925.03
3/31/2010	1998.65	1791.93	1634.56	1442.00	0.00	988.54
4/1/2010	1985.10	1772.07	1629.67	1444.91	0.00	1006.93
4/2/2010	1887.14	1685.51	1498.71	1426.03	0.00	910.45
4/3/2010	1821.29	1575.91	1403.79	1389.26	0.00	842.65
4/4/2010	1823.83	1623.58	1430.82	1377.69	750.37	832.41
4/5/2010	1935.96	1632.05	1451.56	1390.07	2392.50	859.01
4/6/2010	2036.03	1790.39	1554.05	1428.39	865.67	899.21
4/7/2010	2153.86	1793.17	1601.79	1509.13	907.89	1006.65
4/8/2010	2166.74	1932.53	1746.78	1569.40	1018.18	1065.70
4/9/2010	1954.11	1783.62	1647.89	1594.28	862.85	1198.70
4/10/2010	1837.59	1652.09	1529.00	1528.34	667.84	958.23
4/11/2010	1840.76	1656.02	1535.07	1492.66	651.82	805.42
4/12/2010	1785.65	1654.82	1563.16	1487.22	680.95	842.37
4/13/2010	1739.72	1525.20	1423.15	1432.52	653.17	912.96
4/14/2010	1718.84	1529.97	1384.15	1367.30	665.28	915.66
4/15/2010	1668.29	1439.43	1285.67	1350.45	672.47	915.86
4/16/2010	1416.27	1387.01	1214.18	1311.82	674.65	890.81
4/17/2010	1227.70	1127.69	926.11	1128.75	549.58	738.87
4/18/2010	1232.15	1107.70	849.03	936.42	429.12	465.16
4/19/2010	1070.92	1170.20	1007.62	942.69	518.74	469.64
4/20/2010	1028.66	2947.55	828.08	930.44	560.37	555.17
4/21/2010	1062.82	1055.62	800.89	-223627134.57	470.27	516.61
4/22/2010	1007.85	1033.56	809.19	885.06	515.60	468.67
4/23/2010	959.61	954.95	719.37	839.10	447.38	525.33
4/24/2010	937.35	935.91	728.29	775.67	341.31	447.24
4/25/2010	938.34	930.22	743.33	777.02	413.91	492.65
4/26/2010	973.89	929.75	752.15	767.22	415.92	545.32
4/27/2010	1035.17	904.87	754.48	763.26	410.45	552.87
4/28/2010	1152.29	906.41	768.36	748.47	397.33	532.98
4/29/2010	1277.36	1052.88	805.92	749.96	405.28	548.16
4/30/2010	1188.99	1075.44	891.95	825.21	470.18	601.61
5/1/2010	1081.18	981.43	809.63	810.61	423.68	667.12
5/2/2010	1081.09	977.87	789.70	780.03	363.30	611.16
5/3/2010	1138.53	971.54	789.13	779.79	347.27	524.57
5/4/2010	1220.67	1040.40	877.34	790.52	364.92	497.22
5/5/2010	1292.86	1092.19	965.31	853.64	453.60	564.80
5/6/2010	1283.19	1165.27	1036.34	917.01	518.59	647.95
5/7/2010	1268.98	1107.75	958.85	958.31	550.28	679.78
5/8/2010	1296.20	1159.88	954.35	936.81	489.23	635.21
5/9/2010	1294.57	1167.07	973.17	960.44	500.54	590.49
5/10/2010	1344.32	1172.30	974.58	970.90	501.09	602.65
5/11/2010	1425.52	1200.70	987.73	970.38	486.79	611.17
5/12/2010	1600.21	1304.22	1076.77	1005.14	505.73	597.59
5/13/2010	1669.81	1494.63	1275.44	1116.58	621.30	717.97
5/14/2010	1610.39	1505.06	1323.87	1227.71	671.07	885.87
5/15/2010	1524.50	1454.87	1213.59	1217.58	646.65	851.57
5/16/2010	1469.76	1452.08	1210.94	1209.38	715.31	882.89
5/17/2010	1511.88	1447.74	1210.17	1237.84	719.89	956.89
5/18/2010	1439.31	1482.56	1220.96	1252.90	711.06	961.58
5/19/2010	1502.37	1290.18	1073.46	1212.77	668.18	957.25
5/20/2010	1590.00	1432.91	1132.07	1157.74	487.16	733.00
5/21/2010	1535.93	1425.30	1150.00	1238.83	493.09	646.73
5/22/2010	1464.18	1322.17	1054.46	1216.71	589.86	595.47
5/23/2010	1462.04	1289.86	1022.38	1153.57	761.17	614.76
5/24/2010	1539.61	1298.82	1029.03	1147.06	727.68	583.91
5/25/2010	1640.21	1406.35	1161.73	1182.99	758.08	535.24
5/26/2010	1646.92	1399.05	1193.53	1291.82	836.70	643.37
5/27/2010	1561.08	1378.69	1192.82	1295.10	838.87	653.82
5/28/2010	1424.38	1276.96	1088.63	1241.84	847.42	658.83
5/29/2010	1363.20	1219.14	1013.42	1157.70	775.25	583.73
5/30/2010	1363.11	1209.49	997.00	1127.09	764.12	558.59
5/31/2010	1411.03	1203.48	1000.27	1123.12	773.84	545.29
6/1/2010	1501.47	1184.21	968.35	1111.98	761.54	575.43
6/2/2010	1703.16	1253.75	1014.50	1109.14	741.18	541.85
6/3/2010	1818.40	1471.34	1228.96	1261.53	754.06	613.24

Table B-4: Mean Daily Flow Summary of EBID River Gage Data

2010-2012 raw gage data obtained from the EBID website.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)
6/4/2010	1876.56	1475.15	1278.05	1335.23	661.21	723.55
6/5/2010	1920.76	1669.04	1486.77	1446.25	716.39	711.33
6/6/2010	1914.78	1664.49	1541.29	1579.20	870.92	1011.37
6/7/2010	2066.62	1686.39	1543.95	1598.26	893.29	1104.05
6/8/2010	2158.43	1901.22	1739.91	1701.74	937.34	1106.00
6/9/2010	2153.47	1817.14	1696.43	1835.58	1065.89	1327.25
6/10/2010	2090.87	1838.55	1677.33	1864.61	1034.69	1242.41
6/11/2010	2034.66	1724.67	1501.40	1801.97	1013.34	1219.27
6/12/2010	2032.89	1775.39	1514.54	1759.83	944.94	1101.11
6/13/2010	2033.40	1777.56	1600.57	1803.97	1023.49	1162.33
6/14/2010	2114.28	1812.69	1670.74	1802.96	1056.19	1266.22
6/15/2010	2212.05	1945.16	1754.29	1791.03	1095.82	1281.52
6/16/2010	2139.82	2023.77	1784.04	1832.35	1104.07	1406.09
6/17/2010	2246.92	2083.50	1837.98	1842.96	1120.27	1437.50
6/18/2010	2138.65	1972.27	1732.97	1840.73	1053.92	1486.53
6/19/2010	2090.41	1902.51	1647.41	1843.69	962.02	1358.50
6/20/2010	2094.08	1918.53	1647.17	1848.69	944.95	1214.33
6/21/2010	2190.49	1934.52	1641.31	1855.97	951.24	1224.29
6/22/2010	2277.56	2037.41	1696.60	1860.05	953.55	1239.38
6/23/2010	2278.77	2083.56	1754.02	1864.00	950.49	1238.67
6/24/2010	2274.84	2033.82	1764.85	1874.77	976.41	1208.50
6/25/2010	2360.69	2024.43	1818.65	1872.78	941.13	1247.41
6/26/2010	2420.83	2232.87	2012.68	2003.17	1025.86	1278.80
6/27/2010	2416.64	2282.60	2053.94	2120.18	1091.12	1470.91
6/28/2010	2372.90	2337.60	2070.38	2166.75	1087.42	1505.06
6/29/2010	2083.61	2305.04	2093.50	2229.10	1174.04	1594.18
6/30/2010	1734.21	1816.62	1666.51	2039.56	1002.00	1441.86
7/1/2010	1636.94	1599.77	1453.76	1780.93	769.27	823.99
7/2/2010	1383.87	1564.24	1428.81	1650.22	808.33	833.99
7/3/2010	1191.52	1214.88	1089.49	1521.54	788.55	868.01
7/4/2010	1331.91	1204.12	976.02	1300.22	656.97	797.57
7/5/2010	1562.94	1360.53	1134.61	1405.23	735.69	680.15
7/6/2010	1722.77	1569.98	1335.58	1632.80	903.59	845.54
7/7/2010	1997.89	1696.73	1416.03	1821.04	971.73	949.05
7/8/2010	2111.78	2021.79	1656.73	2027.93	1078.44	1088.40
7/9/2010	2081.53	1951.30	1641.18	2172.79	1036.03	1179.78
7/10/2010	2101.86	2047.05	1742.38	2269.38	994.31	1037.65
7/11/2010	1853.50	2309.48	2237.72	2376.23	1085.60	1082.30
7/12/2010	1631.29	1742.32	1764.04	2113.21	1447.26	2264.76
7/13/2010	1680.99	1847.79	1569.36	1470.61	909.56	1104.77
7/14/2010	1777.66	1716.10	1490.27	1523.42	1030.13	1087.22
7/15/2010	1909.19	1970.55	1620.48	1629.65	996.75	1044.77
7/16/2010	1911.10	1854.42	1614.55	1696.28	932.11	1086.85
7/17/2010	1909.61	1704.19	1567.26	1660.06	877.20	916.94
7/18/2010	1907.60	1710.19	1557.20	1635.30	913.94	917.28
7/19/2010	2019.61	1725.26	1573.65	1644.20	919.31	955.11
7/20/2010	2103.75	1766.56	1642.70	1695.86	949.98	967.29
7/21/2010	2141.25	1783.45	1643.88	1752.17	1013.16	1041.09
7/22/2010	2097.03	1974.49	1811.76	1771.88	974.68	1110.32
7/23/2010	1994.18	2185.57	1723.20	1939.14	982.73	1127.22
7/24/2010	1574.36	2050.60	2401.33	2587.93	1459.63	1607.85
7/25/2010	1770.54	2279.05	1891.99	1966.99	1017.83	1865.93
7/26/2010	1247.69	2691.50	2801.25	2686.53	1754.63	2660.30
7/27/2010	1164.39	1385.74	1414.22	1949.33	1423.98	3638.97
7/28/2010	1345.27	1485.56	1337.75	1568.80	893.41	1287.72
7/29/2010	1330.85	1625.65	1552.40	1667.70	1019.50	1377.67
7/30/2010	1243.28	1609.09	1454.22	1908.81	1116.22	1650.87
7/31/2010	1352.62	1622.98	1323.94	1582.71	866.55	1441.14
8/1/2010	1353.71	1626.63	1481.00	1684.58	993.75	1228.55
8/2/2010	1410.81	1561.40	1327.42	1630.63	955.40	1417.83
8/3/2010	1556.97	1652.01	1332.40	1605.27	887.76	1180.01
8/4/2010	1765.20	1747.49	1407.75	1613.11	858.52	1049.01
8/5/2010	1867.47	1876.00	1497.29	1656.47	907.03	975.34
8/6/2010	1923.89	1903.87	1492.03	1700.76	795.69	878.66
8/7/2010	1971.68	2050.83	1616.80	0.00	826.44	792.33
8/8/2010	1966.56	2086.57	1665.18	0.00	929.62	900.87
8/9/2010	2110.07	2088.03	1667.07	3.76	905.94	906.70
8/10/2010	2175.49	2214.96	1842.27	1791.49	953.87	899.74
8/11/2010	2127.44	2109.92	1762.64	1771.76	959.93	1069.35
8/12/2010	2119.91	2113.64	1727.44	1738.35	912.59	940.34
8/13/2010	2058.67	2089.64	1713.73	1722.59	890.26	902.33
8/14/2010	1998.51	2039.61	1571.79	1665.27	910.83	923.43
8/15/2010	1992.63	2080.63	1582.21	1627.07	900.84	817.36
8/16/2010	2038.96	2080.83	1567.50	1626.79	942.63	873.44
8/17/2010	2083.25	2216.11	1654.19	1632.83	961.47	867.05
8/18/2010	2077.52	2231.64	1726.04	1654.05	975.08	946.94
8/19/2010	1980.41	2108.06	1644.49	1685.22	1009.67	999.62

Table B-4: Mean Daily Flow Summary of EBID River Gage Data

2010-2012 raw gage data obtained from the EBID website.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)
8/20/2010	2028.06	1999.37	1588.44	1662.65	957.69	974.63
8/21/2010	2106.97	2156.55	1718.38	1681.51	980.94	891.18
8/22/2010	2099.09	2197.95	1753.99	1751.89	1058.38	1012.01
8/23/2010	1978.58	2205.94	1787.21	1763.75	1050.11	1077.81
8/24/2010	1719.24	2534.66	1883.45	1773.57	1005.73	1136.04
8/25/2010	1522.20	2043.68	2664.80	3015.18	1739.47	2326.52
8/26/2010	1518.80	1664.61	1441.71	1462.05	1026.30	1463.20
8/27/2010	1588.48	1529.21	1258.50	1390.85	943.03	983.56
8/28/2010	1609.64	1728.27	1535.70	1407.46	909.76	899.46
8/29/2010	1542.55	1554.34	1409.85	1342.51	868.82	1092.62
8/30/2010	1447.09	1506.11	1370.64	1264.45	819.31	931.58
8/31/2010	1280.22	1333.42	1199.56	1209.40	717.55	898.71
9/1/2010	1261.96	1297.97	1012.23	1141.53	442.92	538.41
9/2/2010	1293.93	1294.45	957.75	1057.36	338.61	327.61
9/3/2010	1423.97	1283.13	890.95	1005.92	319.38	272.57
9/4/2010	1638.74	1442.96	1055.48	1026.91	318.86	226.07
9/5/2010	1624.31	1467.85	1206.98	1248.02	318.86	412.05
9/6/2010	1609.57	1456.66	1194.37	1245.89	319.09	611.25
9/7/2010	1657.78	1447.48	1153.21	1215.55	319.35	608.98
9/8/2010	1625.65	1496.48	1217.34	1217.71	479.22	540.15
9/9/2010	1310.44	1445.18	1209.37	1218.40	525.07	524.16
9/10/2010	950.84	1142.96	1024.22	1074.24	488.10	555.41
9/11/2010	787.54	931.52	836.78	941.67	571.44	537.30
9/12/2010	610.90	928.95	823.03	816.28	512.00	552.03
9/13/2010	523.56	870.27	745.66	814.59	644.73	637.79
9/14/2010	493.34	876.58	795.09	782.87	575.88	0.00
9/15/2010	469.96	815.14	673.06	713.07	530.34	0.00
9/16/2010	408.70	783.55	634.82	655.50	422.05	0.00
9/17/2010	381.16	739.15	579.69	643.73	360.29	0.00
9/18/2010	403.91	734.74	537.57	593.62	272.24	0.00
9/19/2010	404.87	731.65	546.63	596.40	333.33	0.00
9/20/2010	484.49	734.29	549.94	607.52	359.51	0.00
9/21/2010	564.13	794.02	660.52	659.55	387.56	0.00
9/22/2010	562.23	783.30	716.21	765.94	446.13	0.00
9/23/2010	402.89	758.86	756.65	773.18	454.38	529.45
9/24/2010	279.64	606.89	640.66	789.71	473.00	518.13
9/25/2010	278.92	542.29	489.93	643.46	282.49	462.62
9/26/2010	277.96	512.60	486.68	597.74	244.38	319.41
9/27/2010	277.04	487.76	495.09	580.45	226.60	295.54
9/28/2010	347.66	466.57	488.78	576.63	207.39	295.30
9/29/2010	467.21	462.76	511.36	574.74	360.08	297.99
9/30/2010	422.43	477.95	666.58	679.76	536.55	302.08
10/1/2010	403.74	428.22	659.51	729.42	586.75	401.58
10/2/2010	483.32	417.03	612.38	643.32	455.82	389.77
10/3/2010	481.16	405.63	691.82	674.51	434.08	297.82
10/4/2010	476.24	385.13	714.41	733.52	525.78	351.84
10/5/2010	390.71	366.03	713.92	757.64	542.33	385.52
10/6/2010	299.31	330.20	699.48	762.77	536.81	401.15
10/7/2010	195.10	327.74	472.65	688.90	264.56	445.17
10/8/2010	78.35	267.46	397.35	671.53	282.19	339.15
10/9/2010	78.40	203.45	181.92	570.12	251.43	411.51
10/10/2010	78.45	205.68	134.76	482.99	119.61	286.64
10/11/2010	78.50	218.47	113.23	447.26	82.39	234.79
10/12/2010	78.56	216.50	91.05	427.09	60.61	205.71
10/13/2010	78.62	206.20	69.56	394.75	40.37	182.74
10/14/2010	78.67	196.01	68.36	375.44	25.31	167.54
10/15/2010	78.70	178.93	65.30	359.29	47.99	157.06
10/16/2010	78.79	165.61	58.62	332.84	36.20	148.55
10/17/2010	78.84	156.82	55.00	329.53	28.47	129.50
10/18/2010	78.89	144.24	52.53	327.42	26.00	123.37
10/19/2010	78.95	131.55	41.63	301.77	14.31	115.64
10/20/2010	78.98	121.06	38.00	285.20	-939236484.37	103.64
10/21/2010	1287.38	110.35	36.23	282.01	-2146826252.00	93.66
10/22/2010	3133.43	98.92	35.85	280.47	-2146826252.00	90.36
10/23/2010	3135.58	87.04	35.26	279.95	-2146826252.00	88.67
10/24/2010	3137.30	73.38	32.17	273.37	-2146826252.00	86.89
10/25/2010	1165.94	58.38	31.54	262.37	-2146826252.00	84.17
10/26/2010	77.81	41.57	31.14	214.12	-2146826252.00	78.98
10/27/2010	77.88	28.35	30.69	164.57	-715608743.63	73.59
10/28/2010	77.94	26.71	30.36	128.84	-223627729.17	69.99
10/29/2010	77.95	26.58	30.70	114.68	3.93	65.12
10/30/2010	77.94	26.61	31.03	108.17	-402529918.59	59.37
10/31/2010	77.99	26.29	31.35	102.83	-626157653.34	53.25
11/1/2010	78.06	25.70	30.55	97.05	-670883201.85	44.50
11/2/2010	78.10	25.36	29.66	92.04	-805059843.86	35.40
11/3/2010	78.16	25.13	29.94	88.88	-670883201.95	27.56
11/4/2010	78.15	25.03	30.22	85.75	-1654845235.91	26.40

Table B-4: Mean Daily Flow Summary of EBID River Gage Data

2010-2012 raw gage data obtained from the EBID website.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)
11/5/2010	78.20	24.63	30.48	83.80	-2146826252.00	26.11
11/6/2010	78.26	24.72	30.74	83.18	-2146826252.00	25.97
11/7/2010	78.27	24.40	30.98	82.42	-2146826252.00	25.58
11/8/2010	78.30	24.05	31.22	81.55	-2146826252.00	25.27
11/9/2010	78.31	23.92	31.44	80.53	-1028687575.85	24.59
11/10/2010	78.38	22.92	31.65	79.38	5.57	24.18
11/11/2010	78.40	22.49	31.84	78.08	5.20	23.99
11/12/2010	78.45	21.93	32.02	76.62	5.00	23.73
11/13/2010	78.47	21.45	32.19	75.00	4.01	22.66
11/14/2010	78.50	21.25	32.33	73.20	9.95	22.55
11/15/2010	79.00	21.61	32.47	71.23	8.05	22.40
11/16/2010	79.36	20.60	32.59	68.97	5.77	21.61
11/17/2010	79.30	20.34	32.68	66.71	10.59	20.27
11/18/2010	79.36	20.25	32.75	64.15	11.50	18.96
11/19/2010	79.46	19.74	32.26	61.34	4.53	18.73
11/20/2010	79.40	20.66	31.70	58.31	3.55	18.64
11/21/2010	79.62	20.53	31.67	55.04	7.27	18.53
11/22/2010	79.67	20.07	31.65	51.52	10.34	18.33
11/23/2010	79.82	19.26	31.33	47.71	10.64	18.27
11/24/2010	79.83	18.52	30.95	43.63	8.56	18.06
11/25/2010	79.82	17.97	30.85	39.24	10.41	18.01
11/26/2010	79.67	17.56	30.71	34.53	5.26	17.91
11/27/2010	79.73	16.86	30.54	29.49	7.21	17.72
11/28/2010	79.71	16.77	29.51	24.10	23.24	17.39
11/29/2010	79.84	16.47	27.90	18.35	25.14	17.23
11/30/2010	79.81	15.31	26.62	12.27	16.37	16.96
12/1/2010	79.91	14.86	25.89	6.65	17.46	16.74
12/2/2010	80.17	14.86	25.91	5.42	13.04	16.56
12/3/2010	80.19	15.12	26.15	4.97	8.80	16.42
12/4/2010	80.21	15.14	26.41	4.54	-626157654.25	16.26
12/5/2010	80.27	15.95	26.38	4.13	-2146826252.00	16.15
12/6/2010	80.36	17.66	26.38	3.76	-2146826252.00	15.78
12/7/2010	80.24	18.00	26.63	3.41	-2146826252.00	15.31
12/8/2010	80.19	17.91	26.88	3.08	-2146826252.00	15.10
12/9/2010	80.22	16.08	26.80	2.77	-2146826252.00	14.73
12/10/2010	80.27	14.98	26.85	2.49	-2146826252.00	14.62
12/11/2010	80.40	15.51	27.10	2.22	-2146826252.00	14.32
12/12/2010	80.50	15.69	27.36	1.98	-2146826252.00	13.99
12/13/2010	80.59	16.41	27.61	1.75	-2146826252.00	13.93
12/14/2010	80.62	16.26	27.87	1.54	-2146826252.00	13.65
12/15/2010	80.68	16.93	28.13	1.35	-2146826252.00	13.26
12/16/2010	80.70	16.92	28.13	1.17	-2146826252.00	12.81
12/17/2010	80.61	17.39	28.10	1.01	-2146826252.00	12.52
12/18/2010	80.71	18.28	28.36	0.87	-2146826252.00	12.38
12/19/2010	67.23	17.97	28.62	0.74	-2146826252.00	12.22
12/20/2010	80.67	17.94	28.74	0.63	-2146826252.00	12.03
12/21/2010	80.74	18.55	28.58	0.52	-2146826252.00	11.59
12/22/2010	80.88	18.24	28.85	0.43	-2146826252.00	11.22
12/23/2010	80.96	17.91	29.11	0.35	-2146826252.00	11.06
12/24/2010	81.03	17.94	29.37	0.28	-2146826252.00	10.88
12/25/2010	81.05	18.26	29.64	0.22	-2146826252.00	10.53
12/26/2010	81.13	18.45	29.90	0.17	-2146826252.00	10.34
12/27/2010	81.12	18.56	30.17	0.13	-2146826252.00	10.14
12/28/2010	81.14	19.22	30.44	0.10	-2146826252.00	10.03
12/29/2010	81.12	19.14	30.71	0.07	-2146826252.00	9.67
12/30/2010	81.16	19.34	30.98	0.05	-2146826252.00	9.03
12/31/2010	81.10	18.73	31.25	0.03	-2146826252.00	8.48
1/1/2011	81.23	18.31	31.16	0.02	-2146826252.00	8.33
1/2/2011	81.27	18.26	31.22	0.01	-2146826252.00	8.12
1/3/2011	81.28	17.55	31.49	0.01	-2146826252.00	7.91
1/4/2011	81.43	18.57	31.76	0.00	-2146826252.00	7.65
1/5/2011	81.42	18.79	32.04	0.00	-2146826252.00	7.37
1/6/2011	88.44	19.76	25.72	0.00	-2146826252.00	7.06
1/7/2011	108.58	20.50	20.82	0.00	-2146826252.00	6.63
1/8/2011	108.60	20.42	21.05	0.00	-2146826252.00	6.29
1/9/2011	108.63	20.86	21.27	0.00	-2146826252.00	6.05
1/10/2011	109.28	21.52	21.50	0.00	-2146826252.00	5.85
1/11/2011	110.34	20.50	21.73	0.00	-2146826252.00	5.55
1/12/2011	109.45	21.26	21.96	0.00	-2146826252.00	5.21
1/13/2011	107.90	19.99	22.19	0.00	-2146826252.00	4.80
1/14/2011	108.07	19.88	22.42	0.00	-2146826252.00	4.48
1/15/2011	108.14	20.11	22.65	0.00	-2146826252.00	4.26
1/16/2011	108.32	19.52	22.82	0.00	-2146826252.00	4.10
1/17/2011	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1/18/2011	108.32	18.80	23.21	0.00	-2146826252.00	3.25
1/19/2011	60.53	18.85	22.60	0.00	-1028687563.12	3.01
1/20/2011	42.40	19.46	21.90	0.00	30.65	3.11

Table B-4: Mean Daily Flow Summary of EBID River Gage Data

2010-2012 raw gage data obtained from the EBID website.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)
1/21/2011	0.00	18.84	21.21	0.00	30.65	3.26
1/22/2011	0.00	18.64	20.53	0.00	30.65	3.42
1/23/2011	0.00	19.49	19.86	0.00	30.65	3.58
1/24/2011	0.00	18.53	19.20	0.00	30.65	3.74
1/25/2011	0.00	18.83	18.55	0.00	30.65	3.91
1/26/2011	21.90	19.15	17.91	0.00	30.65	4.08
1/27/2011	137.99	19.40	17.29	0.00	30.65	4.26
1/28/2011	92.45	18.70	16.67	0.00	30.65	4.43
1/29/2011	92.48	19.20	16.07	0.00	30.65	4.61
1/30/2011	92.51	18.35	15.47	0.00	30.65	4.80
1/31/2011	92.59	18.45	14.89	0.00	30.65	4.99
2/1/2011	92.60	18.11	14.84	0.00	30.65	5.19
2/2/2011	92.67	17.45	15.01	0.00	30.65	5.38
2/3/2011	92.49	16.29	13.98	0.00	30.65	5.60
2/4/2011	92.30	16.45	14.03	0.00	30.65	5.80
2/5/2011	92.29	16.89	16.44	0.00	30.65	6.00
2/6/2011	92.33	16.01	17.75	0.00	30.65	6.21
2/7/2011	92.35	17.21	15.84	0.00	30.65	6.43
2/8/2011	133.91	26.36	15.30	0.00	30.65	6.65
2/9/2011	90.18	33.09	15.30	0.00	30.65	6.87
2/10/2011	132.01	32.85	14.84	0.00	30.65	7.10
2/11/2011	84.95	32.80	14.54	0.00	30.65	7.26
2/12/2011	84.98	31.61	14.31	0.00	30.65	7.47
2/13/2011	85.00	31.87	13.48	0.00	30.65	7.69
2/14/2011	85.00	32.70	13.31	0.00	30.65	7.87
2/15/2011	80.80	32.05	13.31	0.00	30.65	17.00
2/16/2011	0.00	32.23	13.31	0.00	30.65	31.68
2/17/2011	0.00	30.57	12.65	0.00	30.65	37.34
2/18/2011	0.00	30.57	11.46	0.00	30.65	40.06
2/19/2011	0.00	29.46	11.35	0.00	30.65	40.88
2/20/2011	0.00	29.15	10.73	0.00	30.65	40.41
2/21/2011	0.00	28.97	10.07	0.00	30.65	39.02
2/22/2011	0.00	28.16	10.07	0.00	30.65	37.01
2/23/2011	0.00	30.90	9.93	0.00	30.65	34.56
2/24/2011	0.00	30.25	9.66	0.00	30.65	31.84
2/25/2011	0.00	28.51	9.23	0.00	30.65	28.97
2/26/2011	0.00	29.35	9.09	0.00	30.65	26.04
2/27/2011	0.00	29.43	8.68	0.00	30.65	23.13
2/28/2011	0.00	30.21	8.16	0.00	30.65	20.33
3/1/2011	0.00	29.35	8.16	0.00	30.65	17.60
3/2/2011	0.00	28.16	7.68	0.00	30.65	15.04
3/3/2011	0.00	29.24	7.27	0.00	30.66	12.68
3/4/2011	0.00	30.77	7.27	0.00	33.58	10.53
3/5/2011	0.00	28.75	7.27	0.00	35.99	8.61
3/6/2011	0.00	28.94	7.27	0.00	35.85	6.88
3/7/2011	11.93	31.12	7.02	0.00	35.44	5.37
3/8/2011	11.92	30.11	5.23	0.00	35.46	4.10
3/9/2011	11.99	36.59	5.16	0.00	35.32	3.02
3/10/2011	12.10	37.77	5.16	0.00	34.73	2.14
3/11/2011	303.26	36.36	5.16	0.00	35.05	1.44
3/12/2011	423.58	127.70	14.23	0.00	35.29	0.92
3/13/2011	424.52	207.30	306.34	83.55	34.66	0.53
3/14/2011	425.21	310.83	379.78	305.34	175.09	0.28
3/15/2011	604.12	424.07	414.82	336.86	241.70	17.25
3/16/2011	853.40	739.91	488.99	416.70	297.71	216.48
3/17/2011	916.08	815.71	784.39	629.09	510.47	353.16
3/18/2011	1176.11	970.51	828.14	664.77	557.25	571.78
3/19/2011	1290.75	1188.58	1091.90	831.67	724.58	615.19
3/20/2011	1283.90	1232.07	1187.31	975.92	895.53	849.95
3/21/2011	1364.39	1235.00	1190.61	1001.87	1028.86	822.85
3/22/2011	1475.39	1344.95	1310.86	1120.82	1117.31	692.12
3/23/2011	1500.05	1333.92	1375.69	1341.24	1110.05	618.25
3/24/2011	1501.50	1315.74	1384.94	1352.18	1113.66	485.09
3/25/2011	1516.88	1351.77	1398.01	1342.67	1139.49	400.98
3/26/2011	0.00	1548.38	1601.88	1425.52	1192.75	328.01
3/27/2011	0.00	1597.50	1671.48	1576.31	1304.39	350.70
3/28/2011	0.00	1666.17	1658.03	1565.78	1326.83	645.23
3/29/2011	0.00	1449.93	1471.07	1431.28	1328.59	1072.43
3/30/2011	1593.53	1466.61	1517.95	1359.60	1234.30	954.32
3/31/2011	1394.23	1468.85	1572.35	1406.12	1285.66	1056.20
4/1/2011	1088.02	1191.14	1278.99	1348.62	1223.98	1176.80
4/2/2011	967.67	1018.45	1002.20	1081.99	950.09	855.29
4/3/2011	973.99	1000.68	930.67	965.16	801.76	649.48
4/4/2011	1061.36	1003.65	935.12	922.32	839.51	631.54
4/5/2011	1169.53	1095.42	1059.95	904.00	902.56	642.16
4/6/2011	1217.44	1161.26	1170.33	986.56	1022.17	788.67
4/7/2011	1084.95	1174.38	1204.57	1058.56	1026.56	888.39

Table B-4: Mean Daily Flow Summary of EBID River Gage Data

2010-2012 raw gage data obtained from the EBID website.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)
4/8/2011	998.86	1039.57	1029.61	1041.42	983.18	894.41
4/9/2011	892.47	1027.37	967.25	983.66	828.74	718.15
4/10/2011	836.67	925.53	853.85	950.42	922.62	647.40
4/11/2011	839.50	913.90	826.77	893.53	854.87	820.22
4/12/2011	773.67	888.55	829.25	896.95	792.26	773.43
4/13/2011	723.46	747.64	762.08	875.94	792.77	766.40
4/14/2011	727.35	705.15	735.28	803.54	698.80	697.91
4/15/2011	728.78	738.34	745.98	779.95	701.25	621.95
4/16/2011	842.92	761.86	757.08	770.66	717.28	606.57
4/17/2011	1004.70	940.97	867.79	782.87	730.22	611.04
4/18/2011	1046.83	1026.78	986.43	944.52	818.30	714.93
4/19/2011	1085.52	1112.54	1023.37	969.27	788.63	742.20
4/20/2011	1042.91	1093.29	1063.18	1003.95	830.84	786.88
4/21/2011	924.71	1031.71	1026.12	1001.56	817.26	834.35
4/22/2011	787.34	897.39	897.03	930.74	741.82	823.33
4/23/2011	794.20	819.35	799.98	824.98	620.19	674.79
4/24/2011	873.05	836.65	819.32	758.70	563.77	576.83
4/25/2011	875.60	826.95	874.60	798.42	633.42	570.91
4/26/2011	1014.48	804.80	858.86	782.00	632.75	612.08
4/27/2011	834.55	942.68	1014.36	809.44	668.93	611.17
4/28/2011	779.40	943.58	1100.51	923.11	836.44	662.60
4/29/2011	619.72	809.08	965.01	912.40	804.52	678.94
4/30/2011	510.39	704.88	813.92	806.63	679.17	680.52
5/1/2011	470.25	674.20	686.31	711.22	643.81	638.60
5/2/2011	452.37	651.41	632.63	630.10	659.48	634.94
5/3/2011	401.22	619.97	605.56	607.47	644.40	619.12
5/4/2011	381.11	614.55	542.01	545.22	540.24	586.37
5/5/2011	401.24	622.83	492.72	490.19	454.92	517.31
5/6/2011	405.70	622.11	457.51	452.97	444.69	437.70
5/7/2011	505.18	627.59	440.05	439.48	409.68	394.75
5/8/2011	712.98	619.99	484.79	434.12	387.25	364.43
5/9/2011	711.82	606.85	690.44	600.98	406.27	339.01
5/10/2011	800.43	619.74	668.17	669.66	423.44	377.24
5/11/2011	853.25	652.90	734.18	678.34	401.34	406.43
5/12/2011	769.86	659.87	803.80	763.07	506.70	472.17
5/13/2011	710.42	601.42	748.44	757.28	525.11	543.90
5/14/2011	709.58	609.48	694.21	692.00	446.35	511.26
5/15/2011	708.96	607.59	693.02	674.16	433.63	453.31
5/16/2011	770.99	598.76	688.63	662.95	430.17	451.69
5/17/2011	878.41	609.70	730.60	647.84	433.62	444.95
5/18/2011	936.04	662.36	805.96	680.34	501.09	452.54
5/19/2011	852.97	666.82	849.51	716.53	584.17	494.93
5/20/2011	793.95	589.20	795.87	701.18	580.52	558.28
5/21/2011	671.10	573.75	745.97	643.30	514.32	507.70
5/22/2011	603.82	548.84	652.50	605.44	574.91	472.47
5/23/2011	603.12	556.45	572.22	526.06	528.83	572.42
5/24/2011	575.78	549.20	559.48	503.46	486.90	522.41
5/25/2011	543.64	545.90	549.74	486.68	497.21	499.80
5/26/2011	543.52	536.31	522.74	457.23	473.85	483.05
5/27/2011	598.22	564.42	512.13	441.81	446.61	445.23
5/28/2011	710.01	593.56	538.31	432.68	433.43	418.53
5/29/2011	811.67	606.83	628.96	458.97	476.99	420.23
5/30/2011	887.49	670.20	732.14	530.03	474.75	453.24
5/31/2011	1386.23	745.57	800.92	600.32	503.11	433.60
6/1/2011	1659.26	1150.65	1134.38	897.05	661.38	514.93
6/2/2011	1584.06	1152.13	1242.72	1107.99	656.28	763.71
6/3/2011	1574.64	1217.99	1131.32	1130.99	615.93	708.98
6/4/2011	1619.33	1436.14	1176.60	1098.46	574.92	606.82
6/5/2011	1617.94	1440.88	1180.79	1098.28	592.11	609.46
6/6/2011	1613.90	1442.01	1188.11	1129.85	581.40	576.77
6/7/2011	1687.40	1420.35	1163.67	1065.64	628.32	642.85
6/8/2011	1771.22	1520.25	1257.25	1058.05	691.41	741.50
6/9/2011	1706.84	1542.74	1215.25	1089.87	679.26	861.96
6/10/2011	1664.08	1447.37	1028.27	1084.06	541.85	915.87
6/11/2011	1698.16	1503.25	1046.05	1076.06	483.07	753.34
6/12/2011	1696.45	1511.65	1067.58	1151.49	541.33	761.19
6/13/2011	1771.75	1509.33	1031.47	1202.75	563.88	802.51
6/14/2011	1823.82	1559.39	1116.41	1255.05	624.78	786.86
6/15/2011	1820.85	1545.26	1147.65	1311.50	730.12	824.65
6/16/2011	1764.29	1537.98	1276.99	1326.00	715.96	833.65
6/17/2011	1637.50	1462.33	1323.57	1292.23	706.03	799.44
6/18/2011	1577.29	1395.50	1202.54	1202.53	649.21	733.02
6/19/2011	1576.06	1423.40	1224.34	1163.45	618.90	557.60
6/20/2011	1753.50	1444.07	1221.54	1184.10	615.45	564.92
6/21/2011	1843.48	1630.68	1445.05	1283.57	642.54	565.91
6/22/2011	1916.38	1608.92	1437.77	1406.95	715.97	748.50
6/23/2011	1923.52	1744.28	1519.93	1454.37	677.66	683.44

Table B-4: Mean Daily Flow Summary of EBID River Gage Data

2010-2012 raw gage data obtained from the EBID website.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)
6/24/2011	1863.05	1683.34	1399.87	1465.25	638.40	648.78
6/25/2011	1861.36	1729.11	1395.49	1432.09	588.89	539.58
6/26/2011	1859.52	1726.87	1407.83	1452.99	672.69	537.19
6/27/2011	1857.30	1725.72	1412.16	1475.28	724.64	618.86
6/28/2011	1895.99	1679.53	1377.82	1451.40	719.54	663.19
6/29/2011	2044.42	1734.39	1438.12	1413.90	697.66	678.58
6/30/2011	2130.84	1829.78	1547.40	1457.66	736.30	684.33
7/1/2011	2125.25	1827.27	1542.69	1502.54	728.50	783.42
7/2/2011	2120.12	1814.57	1517.46	1503.71	732.02	799.18
7/3/2011	2115.84	1821.57	1567.05	1532.84	734.52	809.21
7/4/2011	1944.98	1785.69	1567.07	1535.27	721.11	822.53
7/5/2011	1779.24	1662.40	1473.72	1475.63	681.20	791.61
7/6/2011	1356.44	1623.84	1490.13	1442.10	666.57	669.22
7/7/2011	1043.66	1144.99	1147.96	1308.28	705.20	699.71
7/8/2011	983.57	1111.16	1052.91	1101.44	766.82	824.29
7/9/2011	918.24	1020.55	971.22	1043.78	753.25	810.70
7/10/2011	921.70	1007.23	917.31	944.56	644.57	696.58
7/11/2011	925.19	1021.31	910.54	916.23	636.84	621.28
7/12/2011	928.15	1026.27	1000.13	949.53	685.45	640.34
7/13/2011	932.04	1003.14	926.23	932.34	653.82	805.37
7/14/2011	850.21	979.53	946.99	941.19	674.25	740.15
7/15/2011	853.11	892.38	832.32	919.25	662.16	760.96
7/16/2011	920.01	947.80	832.04	860.92	588.32	639.79
7/17/2011	919.45	947.82	878.75	890.36	695.45	595.74
7/18/2011	1000.63	945.88	879.49	887.75	688.48	645.34
7/19/2011	1113.41	1043.73	1001.32	905.71	682.47	640.86
7/20/2011	1110.69	1053.53	1086.91	1008.55	810.75	857.76
7/21/2011	1041.97	1047.10	1072.40	1019.75	777.65	857.71
7/22/2011	989.66	977.98	996.71	1020.29	777.19	784.19
7/23/2011	1016.11	1001.28	963.12	956.80	686.82	673.09
7/24/2011	1014.44	1021.98	992.12	974.83	692.91	599.47
7/25/2011	1012.11	1009.73	989.80	988.80	678.06	565.95
7/26/2011	1047.93	1000.88	963.66	996.84	652.06	561.36
7/27/2011	1076.80	1049.03	1000.04	1024.21	665.29	573.58
7/28/2011	840.47	1052.25	1026.65	1045.64	619.16	585.94
7/29/2011	903.28	887.00	818.05	954.44	528.31	597.18
7/30/2011	925.41	969.82	883.56	872.43	372.61	448.05
7/31/2011	918.34	955.24	888.83	920.99	404.95	389.75
8/1/2011	976.51	947.79	886.94	895.17	391.20	387.28
8/2/2011	948.80	1015.34	948.65	880.97	422.73	368.05
8/3/2011	867.83	938.67	908.65	902.86	540.46	481.22
8/4/2011	859.70	826.67	857.52	828.17	518.54	553.68
8/5/2011	880.31	767.70	898.50	836.78	581.24	521.07
8/6/2011	915.51	814.69	878.75	824.71	566.05	545.31
8/7/2011	905.12	853.65	892.34	828.14	582.08	530.35
8/8/2011	894.72	886.57	871.27	833.06	565.24	553.17
8/9/2011	883.86	916.88	852.60	833.11	555.04	543.29
8/10/2011	902.10	914.09	849.04	825.36	551.37	530.74
8/11/2011	930.18	858.20	870.85	809.43	502.77	521.17
8/12/2011	945.78	762.18	929.14	864.54	571.86	479.44
8/13/2011	961.86	787.54	930.78	940.34	625.47	526.11
8/14/2011	952.66	799.21	984.40	1002.85	712.82	568.27
8/15/2011	944.12	778.32	945.73	994.46	657.25	628.87
8/16/2011	952.14	766.73	936.28	988.26	586.54	606.85
8/17/2011	967.52	763.60	964.89	976.37	524.66	530.72
8/18/2011	963.52	766.04	962.04	1039.17	574.93	565.46
8/19/2011	960.66	804.93	1060.41	1043.38	571.89	562.21
8/20/2011	957.33	748.73	943.04	1022.05	607.13	564.33
8/21/2011	953.35	749.90	927.47	986.34	557.05	545.53
8/22/2011	949.64	752.07	929.33	986.23	574.58	567.05
8/23/2011	955.69	740.19	913.18	984.42	604.85	581.61
8/24/2011	1022.51	753.01	928.05	972.74	591.54	591.72
8/25/2011	1053.18	801.01	997.78	989.49	619.40	573.10
8/26/2011	1000.90	825.50	986.84	1025.84	694.03	655.67
8/27/2011	954.66	820.99	934.80	1007.29	679.90	693.70
8/28/2011	950.14	811.67	893.77	946.96	602.13	658.46
8/29/2011	945.60	807.37	890.21	932.66	593.25	604.38
8/30/2011	798.83	801.75	881.41	917.93	584.59	588.46
8/31/2011	704.01	668.56	734.66	872.49	560.28	560.53
9/1/2011	871.05	649.11	643.79	716.67	496.20	441.82
9/2/2011	969.40	711.20	807.76	781.52	653.57	532.65
9/3/2011	974.67	742.21	869.59	901.25	820.99	575.10
9/4/2011	977.28	760.13	833.95	907.45	825.70	580.06
9/5/2011	985.40	849.55	971.59	972.00	869.56	579.79
9/6/2011	993.25	781.83	794.23	953.99	910.17	868.99
9/7/2011	1000.14	788.12	757.57	916.77	802.75	1057.48
9/8/2011	1004.85	795.73	729.07	911.78	780.00	1059.20

Table B-4: Mean Daily Flow Summary of EBID River Gage Data

2010-2012 raw gage data obtained from the EBID website.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)
9/9/2011	992.69	815.89	726.79	896.67	780.74	1015.39
9/10/2011	405.56	813.68	703.13	886.65	776.88	1026.16
9/11/2011	0.00	404.02	377.28	800.71	710.54	1109.38
9/12/2011	0.00	267.83	207.37	475.46	216.46	834.28
9/13/2011	0.00	262.74	203.90	361.79	98.88	391.26
9/14/2011	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
9/15/2011	0.00	397.94	189.35	267.86	79.50	215.71
9/16/2011	0.00	401.58	181.65	214.38	78.39	231.18
9/17/2011	0.00	398.61	169.79	183.83	77.99	255.08
9/18/2011	0.00	432.27	154.88	165.19	77.23	278.09
9/19/2011	0.00	525.02	135.29	145.12	76.92	300.46
9/20/2011	0.00	441.49	112.51	129.26	76.08	320.23
9/21/2011	0.00	243.95	86.26	112.97	75.42	338.30
9/22/2011	0.00	97.76	53.29	108.13	75.35	352.37
9/23/2011	0.00	14.27	14.58	47.28	31.29	360.04
9/24/2011	0.00	5.14	7.02	0.00	0.04	363.52
9/25/2011	0.00	3.37	6.92	0.00	0.02	354.48
9/26/2011	0.00	2.05	6.90	1.69	0.02	329.19
9/27/2011	0.00	1.12	6.90	4.50	0.00	292.16
9/28/2011	0.00	0.51	6.97	6.03	0.00	223.42
9/29/2011	0.00	0.17	6.90	7.88	0.00	57.62
9/30/2011	0.00	0.03	6.92	10.13	0.00	0.00
10/1/2011	0.00	-983962032.17	6.88	12.79	0.00	0.00
10/2/2011	0.00	-2146826252.00	6.86	15.88	0.00	0.00
10/3/2011	0.00	-2146826252.00	6.90	19.44	0.00	0.00
10/4/2011	0.00	-2146826252.00	6.90	23.52	0.00	0.00
10/5/2011	0.00	-2146826252.00	6.87	28.04	0.00	0.00
10/6/2011	0.00	-2146826252.00	6.86	33.14	0.00	0.00
10/7/2011	0.00	-2146826252.00	6.80	38.82	0.00	0.00
10/8/2011	0.00	-2146826252.00	6.81	45.20	0.00	0.00
10/9/2011	0.00	-2146826252.00	6.82	52.30	0.00	0.00
10/10/2011	0.00	-2146826252.00	6.69	60.10	0.00	0.00
10/11/2011	0.00	-2146826252.00	6.60	68.65	0.00	0.00
10/12/2011	0.00	-2146826252.00	6.61	77.99	0.00	0.00
10/13/2011	0.00	-2146826252.00	6.60	88.12	0.00	0.00
10/14/2011	0.00	-2146826252.00	6.58	99.10	0.00	0.00
10/15/2011	0.00	-2146826252.00	6.60	110.89	0.00	0.00
10/16/2011	0.00	-2146826252.00	6.60	123.61	0.00	0.00
10/17/2011	0.00	-2146826252.00	6.59	137.26	0.00	0.00
10/18/2011	0.00	-2146826252.00	6.56	151.85	0.00	0.00
10/19/2011	0.00	-223627734.40	6.53	167.42	0.00	0.00
10/20/2011	0.00	3.91	6.57	183.97	0.00	0.00
10/21/2011	0.00	17.86	6.59	201.54	0.00	0.00
10/22/2011	0.00	47.97	6.60	219.85	0.00	0.00
10/23/2011	0.00	99.57	6.55	238.75	0.00	0.00
10/24/2011	0.00	177.65	6.52	259.38	0.00	0.00
10/25/2011	0.00	286.93	6.56	280.80	0.00	0.00
10/26/2011	0.00	429.90	2.84	296.72	0.00	0.00
10/27/2011	0.00	616.99	0.00	277.23	0.00	0.00
10/28/2011	0.00	846.39	0.00	253.19	0.00	0.00
10/29/2011	0.00	1124.24	0.00	230.41	0.00	0.00
10/30/2011	0.00	1454.56	0.00	208.94	0.00	0.00
10/31/2011	0.00	1841.31	0.00	188.53	0.00	0.00
11/1/2011	0.00	2288.35	0.00	169.48	0.00	0.00
11/2/2011	0.00	2652.30	0.00	151.62	0.00	0.00
11/3/2011	0.00	0.00	0.00	134.50	0.00	0.00
11/4/2011	0.00	0.00	0.00	118.35	0.00	0.00
11/5/2011	0.00	0.00	0.00	103.07	0.00	0.00
11/6/2011	0.00	0.00	0.00	88.41	0.00	0.00
11/7/2011	0.00	0.00	0.00	74.10	0.00	0.00
11/8/2011	0.00	0.00	0.00	59.54	0.00	0.00
11/9/2011	0.00	0.00	0.00	16.57	0.00	0.00
11/10/2011	0.00	0.00	0.00	0.00	0.00	0.00
11/11/2011	0.00	0.00	0.00	0.00	0.00	0.00
11/12/2011	0.00	0.00	0.00	0.00	0.00	0.00
11/13/2011	0.00	0.00	0.00	0.00	0.00	0.00
11/14/2011	0.00	0.00	0.00	0.00	0.00	0.00
11/15/2011	0.00	-2146826252.00	0.00	0.00	0.00	0.00
11/16/2011	0.00	-2146826252.00	0.00	0.00	0.00	0.00
11/17/2011	0.00	-2146826252.00	0.00	0.01	0.00	0.00
11/18/2011	0.00	-2146826252.00	0.00	0.01	0.00	0.00
11/19/2011	0.00	-2146826252.00	0.00	0.01	0.00	0.00
11/20/2011	0.00	-2146826252.00	0.00	0.01	0.00	0.00
11/21/2011	0.00	-2146826252.00	0.00	0.02	0.00	0.00
11/22/2011	0.00	-2146826252.00	0.00	0.02	0.00	0.00
11/23/2011	0.00	-2146826252.00	0.00	0.03	0.00	0.00
11/24/2011	0.00	-2146826252.00	0.00	0.04	0.00	0.00

Table B-4: Mean Daily Flow Summary of EBID River Gage Data

2010-2012 raw gage data obtained from the EBID website.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)
11/25/2011	0.00	-2146826252.00	0.00	0.04	0.00	0.00
11/26/2011	0.00	-2146826252.00	0.00	0.06	0.00	0.00
11/27/2011	0.00	-2146826252.00	0.00	0.07	0.00	0.00
11/28/2011	0.00	-2146826252.00	0.00	0.08	0.00	0.00
11/29/2011	0.00	-2146826252.00	0.00	0.09	0.00	0.00
11/30/2011	0.00	-2146826252.00	0.00	0.11	0.00	0.00
12/1/2011	0.00	-2146826252.00	0.00	0.13	0.00	0.00
12/2/2011	0.00	-2146826252.00	0.00	0.14	0.00	0.00
12/3/2011	0.00	-2146826252.00	0.00	0.16	0.00	0.00
12/4/2011	0.00	-2146826252.00	0.00	0.18	0.00	0.00
12/5/2011	0.00	-2146826252.00	0.00	0.21	0.00	0.00
12/6/2011	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
12/7/2011	0.00	-2146826252.00	0.00	0.26	0.00	0.00
12/8/2011	0.00	-2146826252.00	0.00	0.29	0.00	0.00
12/9/2011	0.00	-1162864219.82	0.00	0.33	0.00	0.00
12/10/2011	0.00	0.75	0.00	0.37	0.00	0.00
12/11/2011	0.00	4.72	0.00	0.40	0.00	0.00
12/12/2011	0.00	14.45	0.00	0.45	0.00	0.00
12/13/2011	0.00	32.16	0.00	0.49	0.00	0.00
12/14/2011	0.00	59.91	0.00	0.54	0.00	0.00
12/15/2011	0.00	99.63	0.00	0.59	0.00	0.00
12/16/2011	0.00	153.17	0.00	0.64	0.00	0.00
12/17/2011	0.00	222.32	0.00	0.70	0.00	0.00
12/18/2011	0.00	308.81	0.00	0.76	0.00	0.00
12/19/2011	0.00	414.32	0.00	0.83	0.00	0.00
12/20/2011	0.00	540.48	0.00	0.89	0.00	0.00
12/21/2011	0.00	688.90	0.00	0.96	0.00	0.00
12/22/2011	0.00	861.16	0.00	1.04	0.00	0.00
12/23/2011	0.00	1058.80	0.00	1.12	0.00	0.00
12/24/2011	0.00	1283.63	0.00	1.20	0.00	0.00
12/25/2011	0.00	1536.30	0.00	1.29	0.00	0.00
12/26/2011	0.00	1819.03	0.00	1.38	0.00	0.00
12/27/2011	0.00	2133.13	0.00	1.48	0.00	0.00
12/28/2011	0.00	2479.97	0.00	1.58	0.00	0.00
12/29/2011	0.00	2860.98	0.00	1.68	0.00	0.00
12/30/2011	0.00	3277.55	0.00	1.79	0.00	0.00
12/31/2011	0.00	3731.07	0.00	1.90	0.00	0.00
1/1/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/2/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/3/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/4/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/5/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/6/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/7/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/8/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/9/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/10/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/11/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/12/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/13/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/14/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/15/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/16/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/17/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/18/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/19/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/20/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/21/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/22/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/23/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/24/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/25/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/26/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/27/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/28/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/29/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/30/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/31/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/1/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/2/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/3/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/4/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/5/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/6/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/7/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/8/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/9/2012	0.00	0.00	0.00	0.00	0.00	0.00

Table B-4: Mean Daily Flow Summary of EBID River Gage Data

2010-2012 raw gage data obtained from the EBID website.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)
2/10/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/11/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/12/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/13/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/14/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/15/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/16/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/17/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/18/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/19/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/20/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/21/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/22/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/23/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/24/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/25/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/26/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/27/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/28/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/29/2012	0.00	#N/A	0.00	#N/A	#N/A	0.00
3/1/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/2/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/3/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/4/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/5/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/6/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/7/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/8/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/9/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/10/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/11/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/12/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/13/2012	0.00	0.00	5.08	0.00	0.00	0.00
3/14/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/15/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/16/2012	0.00	0.00	0.00	0.00	3.30	0.00
3/17/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/18/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/19/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/20/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/21/2012	0.00	0.00	5.63	0.00	0.00	0.00
3/22/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/23/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/24/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/25/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/26/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/27/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/28/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/29/2012	0.00	0.01	1.00	0.00	124.39	0.00
3/30/2012	0.00	0.00	1.83	0.00	183.93	0.00
3/31/2012	0.00	0.00	1.84	0.01	5.60	0.00
4/1/2012	436.26	0.00	1.80	0.01	5.48	0.00
4/2/2012	1217.28	284.65	1.79	0.01	5.61	0.00
4/3/2012	1213.91	930.58	346.75	33.31	5.35	0.00
4/4/2012	1351.60	1029.91	899.43	598.33	149.76	0.00
4/5/2012	1526.16	1266.22	1102.90	812.95	599.09	30.14
4/6/2012	1491.28	1320.66	1258.45	1067.83	985.80	471.64
4/7/2012	1441.32	1309.33	1248.33	1128.66	1036.63	757.23
4/8/2012	1433.73	1286.18	1227.32	1134.65	1048.11	796.80
4/9/2012	1426.80	1273.72	1228.21	1153.36	1078.75	836.97
4/10/2012	1419.98	1295.27	1241.03	1190.85	1085.20	916.71
4/11/2012	1412.06	1321.85	1244.87	1226.11	1093.98	987.48
4/12/2012	1404.13	1329.42	1248.07	1246.59	1029.16	933.06
4/13/2012	1198.63	1258.24	1259.23	1205.63	999.23	826.53
4/14/2012	973.62	950.15	1032.52	1089.51	954.23	819.38
4/15/2012	974.50	838.89	896.11	844.66	626.27	564.28
4/16/2012	975.24	768.93	913.14	787.78	645.57	442.87
4/17/2012	975.85	778.02	914.40	766.74	695.24	486.36
4/18/2012	976.77	789.73	899.52	775.10	671.08	514.20
4/19/2012	931.19	809.13	884.01	781.96	662.64	496.52
4/20/2012	844.78	778.57	831.41	777.91	663.69	488.75
4/21/2012	813.34	737.98	767.17	740.94	591.77	460.19
4/22/2012	815.93	731.71	743.90	698.41	536.36	399.05
4/23/2012	818.18	742.10	743.65	684.53	522.16	369.31
4/24/2012	828.11	735.44	736.84	680.65	509.84	370.02
4/25/2012	900.35	735.70	742.39	677.49	479.21	370.25
4/26/2012	941.78	788.61	800.30	680.75	469.53	370.30

Table B-4: Mean Daily Flow Summary of EBID River Gage Data

2010-2012 raw gage data obtained from the EBID website.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)
4/27/2012	1012.25	831.89	824.63	700.77	559.37	406.77
4/28/2012	899.84	761.00	769.76	705.13	590.93	440.99
4/29/2012	801.88	697.11	676.21	665.31	520.23	421.65
4/30/2012	804.21	664.21	618.39	602.23	556.14	420.46
5/1/2012	806.32	649.22	621.28	583.10	549.92	435.05
5/2/2012	836.23	641.46	631.74	572.12	569.27	418.32
5/3/2012	856.33	694.85	642.69	564.61	566.24	401.34
5/4/2012	447.07	756.10	640.66	566.69	549.71	400.50
5/5/2012	142.18	471.65	410.29	528.65	501.89	400.50
5/6/2012	143.59	391.69	152.20	305.40	146.68	272.89
5/7/2012	115.08	399.11	154.13	195.60	64.74	83.49
5/8/2012	57.78	457.08	178.69	158.78	55.72	43.58
5/9/2012	0.00	556.93	185.58	159.03	53.66	40.92
5/10/2012	0.00	538.99	183.98	158.99	50.06	39.71
5/11/2012	0.00	547.55	181.71	158.75	44.88	38.54
5/12/2012	0.00	584.52	174.48	158.75	38.40	37.27
5/13/2012	0.00	629.90	160.65	158.68	29.91	36.70
5/14/2012	0.00	682.65	134.81	152.94	19.06	35.05
5/15/2012	0.00	325.98	90.37	92.79	17.51	34.27
5/16/2012	141.49	45.06	81.08	32.99	18.87	33.79
5/17/2012	157.27	50.89	50.27	63.21	21.85	32.98
5/18/2012	124.97	26.50	19.88	88.19	25.12	32.01
5/19/2012	133.49	110.40	20.22	109.03	32.46	31.36
5/20/2012	133.32	99.00	20.57	127.31	39.48	30.42
5/21/2012	157.15	52.72	20.95	142.68	45.82	30.22
5/22/2012	192.40	41.88	21.32	155.74	52.18	29.04
5/23/2012	191.96	43.02	21.64	166.74	58.40	27.78
5/24/2012	191.45	41.81	22.05	175.87	63.79	26.96
5/25/2012	191.06	42.29	22.40	183.38	69.94	26.25
5/26/2012	190.69	42.40	22.73	189.66	75.88	25.35
5/27/2012	190.40	42.52	23.12	194.21	81.69	24.37
5/28/2012	190.48	42.48	23.22	197.88	87.06	24.01
5/29/2012	1431.35	39.65	23.95	200.07	92.50	22.83
5/30/2012	1338.70	838.69	390.87	201.51	97.42	22.31
5/31/2012	1206.61	863.54	835.83	477.41	102.17	21.70
6/1/2012	1384.51	869.65	777.94	722.32	106.50	21.39
6/2/2012	1583.18	1089.34	876.97	738.43	111.91	21.16
6/3/2012	1580.45	1154.18	976.29	841.38	198.23	20.99
6/4/2012	1577.59	1213.16	1018.70	864.04	286.29	56.71
6/5/2012	1748.58	1343.02	1106.28	911.07	338.01	131.27
6/6/2012	1893.23	1554.37	1349.45	1042.75	366.46	167.68
6/7/2012	1919.11	1621.30	1392.93	1206.56	507.38	246.83
6/8/2012	2084.85	1683.35	1290.92	1220.12	503.95	313.16
6/9/2012	2185.15	1895.09	1465.68	1245.13	470.57	288.80
6/10/2012	2171.15	1935.25	1566.27	1364.64	641.24	447.66
6/11/2012	2082.85	1960.57	1648.22	1466.49	813.34	598.23
6/12/2012	2029.88	1937.28	1554.01	1430.63	806.69	697.68
6/13/2012	1933.48	1944.47	1507.45	1354.16	841.12	756.85
6/14/2012	1766.23	1772.32	1380.88	1283.23	787.19	766.77
6/15/2012	1754.64	1638.71	1248.62	1202.12	600.74	606.02
6/16/2012	1780.31	1652.69	1315.94	1204.34	579.82	463.26
6/17/2012	1781.42	1599.70	1313.08	1228.85	563.21	515.49
6/18/2012	1689.81	1537.91	1331.98	1251.57	514.24	457.92
6/19/2012	1675.03	1401.20	1218.01	1224.82	481.62	459.15
6/20/2012	1723.27	1463.63	1243.15	1145.11	517.39	440.42
6/21/2012	1755.58	1442.53	1187.62	1178.46	514.53	461.86
6/22/2012	1749.50	1480.89	1222.79	1200.90	476.60	456.99
6/23/2012	1731.04	1480.05	1246.01	1250.85	504.07	446.50
6/24/2012	1734.32	1524.05	1237.15	1274.72	454.86	427.71
6/25/2012	1754.53	1539.93	1239.50	1301.06	488.58	413.63
6/26/2012	1768.20	1587.52	1303.42	1313.41	460.72	430.42
6/27/2012	1685.71	1590.25	1331.57	1334.98	536.40	430.61
6/28/2012	1582.37	1492.81	1238.00	1288.76	509.45	455.87
6/29/2012	1615.10	1474.77	1177.22	1208.54	382.63	391.65
6/30/2012	1642.63	1508.71	1177.61	1197.75	367.90	302.88
7/1/2012	1645.69	1505.04	1166.55	1201.91	443.86	320.33
7/2/2012	1648.81	1511.55	1178.59	1184.23	459.73	347.71
7/3/2012	958.74	1508.09	1205.65	1179.65	486.11	369.72
7/4/2012	0.00	1435.65	1143.81	1163.16	545.87	422.87
7/5/2012	497.48	1435.21	1138.87	1099.11	555.71	461.99
7/6/2012	1294.59	1318.85	1013.97	1041.51	593.39	522.23
7/7/2012	1185.60	1475.42	1154.33	1022.73	535.08	467.70
7/8/2012	1083.37	1344.01	1056.57	1026.32	750.48	642.10
7/9/2012	1092.21	1257.77	904.04	886.24	590.52	612.96
7/10/2012	938.38	1243.52	903.14	836.32	538.27	506.57
7/11/2012	814.01	1068.30	774.11	797.73	522.20	464.44
7/12/2012	859.01	1049.89	688.61	735.04	332.67	360.14

Table B-4: Mean Daily Flow Summary of EBID River Gage Data

2010-2012 raw gage data obtained from the EBID website.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)
7/13/2012	927.51	1079.21	691.22	742.69	337.11	274.06
7/14/2012	979.36	1120.17	717.48	745.31	300.18	262.72
7/15/2012	1024.26	1156.33	764.72	776.39	280.37	229.08
7/16/2012	1410.17	1191.56	790.55	824.04	324.33	227.72
7/17/2012	1764.87	1492.66	1078.98	969.67	403.73	268.29
7/18/2012	1917.72	1625.72	1291.04	1233.35	576.31	432.26
7/19/2012	1966.70	1727.22	1449.56	1375.33	650.06	572.37
7/20/2012	1953.13	1732.04	1433.37	1443.73	579.26	513.54
7/21/2012	1940.22	1727.53	1398.39	1451.44	548.24	394.68
7/22/2012	1926.97	1727.69	1388.67	1456.94	546.33	325.78
7/23/2012	1951.59	1732.58	1388.27	1479.73	549.90	306.61
7/24/2012	1969.27	1766.11	1390.75	1506.06	610.59	295.50
7/25/2012	1922.52	1761.98	1391.75	1552.49	680.43	361.36
7/26/2012	1870.32	1706.62	1349.76	1549.36	641.81	359.38
7/27/2012	1854.89	1633.43	1259.76	1493.57	629.29	308.34
7/28/2012	1785.91	1622.97	1251.06	1449.33	613.76	267.75
7/29/2012	1737.60	1599.69	1216.72	1434.00	593.32	224.97
7/30/2012	1800.14	1596.39	1216.11	1422.48	559.70	183.15
7/31/2012	1948.16	1636.72	1283.89	1429.91	584.06	136.11
8/1/2012	1931.97	1697.95	1323.83	1428.01	564.79	136.24
8/2/2012	1824.30	1651.85	1297.72	1448.57	638.53	137.70
8/3/2012	1731.95	1542.33	1192.41	1378.75	520.67	109.43
8/4/2012	1706.21	1515.55	1173.02	1329.22	420.53	57.40
8/5/2012	1695.22	1501.53	1178.85	1314.53	433.13	34.57
8/6/2012	1749.55	1497.74	1165.58	1309.29	416.08	24.95
8/7/2012	1854.00	1576.88	1198.03	1313.42	448.47	17.07
8/8/2012	1928.61	1631.10	1269.24	1349.63	556.44	27.95
8/9/2012	1946.56	1707.20	1289.65	1373.27	600.24	34.36
8/10/2012	2028.08	1671.53	1266.89	1331.99	471.68	23.70
8/11/2012	2111.28	1800.13	1418.31	1341.98	459.71	10.86
8/12/2012	2079.23	1804.83	1447.54	1419.44	645.39	20.57
8/13/2012	2070.47	1786.92	1436.92	1385.75	602.97	19.67
8/14/2012	1319.78	1735.74	1466.88	1386.00	596.35	13.36
8/15/2012	951.94	1197.97	973.19	1145.90	569.00	11.16
8/16/2012	953.59	1189.18	1004.69	1047.37	759.01	15.69
8/17/2012	956.07	1147.37	954.01	1024.71	711.53	20.38
8/18/2012	955.19	1139.71	947.78	1024.50	697.74	10.56
8/19/2012	953.01	1160.25	933.81	1020.23	682.71	6.02
8/20/2012	950.36	1156.08	969.11	1055.32	739.05	5.18
8/21/2012	947.93	1121.78	934.80	1019.68	716.79	6.54
8/22/2012	945.68	1117.47	939.92	1021.93	731.15	6.71
8/23/2012	848.26	1165.24	932.40	1035.32	708.54	5.06
8/24/2012	735.47	1036.33	895.60	1090.80	784.66	5.19
8/25/2012	736.89	986.27	723.63	920.52	520.63	5.51
8/26/2012	738.60	983.73	731.51	916.28	511.84	0.24
8/27/2012	740.21	977.71	735.70	913.65	520.12	0.25
8/28/2012	702.63	969.39	741.34	903.88	481.63	0.09
8/29/2012	679.27	931.26	716.48	883.38	457.55	0.04
8/30/2012	681.34	921.23	693.52	843.35	384.38	248.43
8/31/2012	681.56	932.49	690.50	835.49	364.20	352.69
9/1/2012	679.57	931.67	687.03	826.93	362.06	343.91
9/2/2012	676.61	929.84	684.20	819.28	353.39	330.58
9/3/2012	577.92	930.04	682.97	816.42	347.05	327.58
9/4/2012	508.21	838.53	617.15	793.42	369.51	328.04
9/5/2012	505.79	808.72	556.43	709.34	410.46	335.09
9/6/2012	500.52	823.33	554.74	689.46	438.73	408.28
9/7/2012	494.72	842.55	544.13	671.63	434.90	389.17
9/8/2012	490.89	823.86	736.01	793.32	611.56	409.23
9/9/2012	484.96	789.75	598.30	724.92	521.85	563.11
9/10/2012	477.43	780.95	571.46	692.20	474.32	425.02
9/11/2012	469.75	769.38	555.46	677.18	463.95	390.31
9/12/2012	461.55	753.52	537.17	671.72	451.72	383.27
9/13/2012	226.74	748.18	525.84	659.41	436.71	373.94
9/14/2012	0.00	534.81	400.81	636.09	417.84	360.06
9/15/2012	0.00	0.00	160.78	450.78	195.96	296.86
9/16/2012	0.00	0.00	112.57	358.68	49.91	129.94
9/17/2012	0.00	0.00	88.36	316.99	14.17	80.61
9/18/2012	0.00	0.00	75.04	287.10	0.00	31.47
9/19/2012	0.00	0.00	66.13	256.66	0.00	0.00
9/20/2012	0.00	0.00	59.01	225.47	0.00	0.00
9/21/2012	0.00	0.00	57.88	195.35	0.00	0.00
9/22/2012	0.00	0.00	57.61	75.45	0.00	0.00
9/23/2012	0.00	0.00	56.44	0.00	0.00	0.00
9/24/2012	0.00	0.00	52.46	0.00	0.00	0.00
9/25/2012	0.00	0.00	46.90	0.00	0.00	0.00
9/26/2012	0.00	0.00	45.23	0.00	0.00	0.00
9/27/2012	0.00	0.00	45.28	0.00	0.00	0.00

Table B-4: Mean Daily Flow Summary of EBID River Gage Data

2010-2012 raw gage data obtained from the EBID website.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)
9/28/2012	0.00	0.00	45.31	0.00	0.34	0.00
9/29/2012	0.00	0.00	45.25	0.00	0.00	0.00
9/30/2012	0.00	0.00	37.99	0.00	0.00	0.00
10/1/2012	0.00	0.00	29.95	0.00	0.00	0.00
10/2/2012	0.00	0.00	29.93	0.00	0.00	0.00
10/3/2012	0.00	0.00	29.94	0.00	0.00	0.00
10/4/2012	0.00	0.00	29.94	0.00	0.00	0.00
10/5/2012	0.00	0.00	29.90	0.00	0.00	0.00
10/6/2012	0.00	0.00	29.85	0.00	0.00	0.00
10/7/2012	0.00	0.00	29.82	0.00	0.00	0.00
10/8/2012	0.00	0.00	29.84	0.00	0.00	0.00
10/9/2012	0.00	0.00	29.96	0.00	0.00	0.00
10/10/2012	0.00	0.00	29.84	0.00	0.00	0.00
10/11/2012	0.00	0.00	29.82	0.00	0.00	0.00
10/12/2012	0.00	0.00	29.81	0.00	0.00	0.00
10/13/2012	0.00	0.00	29.85	0.00	0.00	0.00
10/14/2012	0.00	0.00	29.90	0.00	0.00	0.00
10/15/2012	0.00	0.00	29.90	0.00	0.00	0.00
10/16/2012	0.00	0.00	29.90	0.00	0.00	0.00
10/17/2012	0.00	0.00	29.96	0.00	0.00	0.00
10/18/2012	0.00	0.00	29.94	0.00	0.00	0.00
10/19/2012	0.00	0.00	0.00	#N/A	#N/A	0.00
10/20/2012	0.00	0.00	0.00	#N/A	#N/A	0.00
10/21/2012	0.00	0.00	0.00	#N/A	#N/A	0.00
10/22/2012	0.00	0.00	29.81	0.00	0.00	0.00
10/23/2012	0.00	0.00	29.86	0.00	0.00	0.00
10/24/2012	0.00	0.00	29.83	0.00	0.00	0.00
10/25/2012	0.00	0.00	29.88	0.00	0.00	0.00
10/26/2012	0.00	0.00	29.82	0.00	0.00	0.00
10/27/2012	0.00	0.00	29.81	0.00	0.00	0.00
10/28/2012	0.00	0.00	29.84	0.00	0.00	0.00
10/29/2012	0.00	0.00	29.83	0.00	0.00	0.00
10/30/2012	0.00	0.00	29.86	0.00	0.00	0.00
10/31/2012	0.00	0.00	29.88	0.00	0.00	0.00
11/1/2012	0.00	0.00	29.89	0.00	0.00	0.00
11/2/2012	0.00	0.00	29.84	0.00	0.00	0.00
11/3/2012	0.00	0.00	29.86	0.00	0.00	0.00
11/4/2012	0.00	0.00	29.88	0.00	0.00	0.00
11/5/2012	0.00	0.00	29.87	0.00	0.00	0.00
11/6/2012	0.00	0.00	29.86	0.00	0.00	0.00
11/7/2012	0.00	0.00	30.18	0.00	0.00	0.00
11/8/2012	0.00	0.00	30.32	0.00	0.00	0.00
11/9/2012	0.00	0.00	30.34	0.00	0.00	0.00
11/10/2012	0.00	0.00	30.31	0.00	0.00	0.00
11/11/2012	0.00	0.00	30.31	0.00	0.00	0.00
11/12/2012	0.00	0.00	30.30	0.00	0.00	0.00
11/13/2012	0.00	0.00	30.29	0.00	0.00	0.00
11/14/2012	0.00	0.00	30.31	0.00	0.00	0.00
11/15/2012	0.00	0.00	30.31	0.00	0.00	0.00
11/16/2012	0.00	0.00	30.32	0.00	0.00	0.00
11/17/2012	0.00	0.00	30.32	0.00	0.00	0.00
11/18/2012	0.00	0.00	30.31	0.00	0.00	0.00
11/19/2012	0.00	0.00	30.30	0.00	0.00	0.00
11/20/2012	0.00	0.00	30.34	0.00	0.00	0.00
11/21/2012	0.00	0.00	30.33	0.00	0.00	0.00
11/22/2012	0.00	0.00	30.41	0.00	0.00	0.00
11/23/2012	0.00	0.00	30.36	0.00	0.00	0.00
11/24/2012	0.00	0.00	30.30	0.00	0.00	0.00
11/25/2012	0.00	0.00	30.32	0.00	0.00	0.00
11/26/2012	0.00	0.00	30.38	0.00	0.00	0.00
11/27/2012	0.00	0.00	30.31	0.00	0.00	0.00
11/28/2012	0.00	0.00	30.32	0.00	0.00	0.00
11/29/2012	0.00	0.00	30.34	0.00	0.00	0.00
11/30/2012	0.00	0.00	30.36	0.00	0.00	0.00

Table B-5: Mean Daily Flow Summary of Processed EBID River Gage Data

EBID data from Table B-4 processed to eliminate gaps and spurious numbers (i.e., large negative values).

Cells highlighted in grey represent large negative numbers in the data that were replaced with interpolated values

Values at Caballo used to define the upstream inflow to the HEC-RAS model (with 25 cfs minimum discharge for numerical stability).

Values at Leasburg and Mesilla are used in 2012 unsteady model calibration.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Blw Mesilla (CFS)	Anthony (CFS)
1/1/2010	0.88	20.29	31.11	23.21	0.00	71.30
1/2/2010	0.93	20.23	30.71	23.19	0.00	71.42
1/3/2010	1.08	20.29	30.89	23.16	0.00	71.60
1/4/2010	1.12	20.29	30.79	23.13	0.00	71.83
1/5/2010	1.09	20.20	78.29	23.93	0.00	72.05
1/6/2010	1.13	20.03	48.55	30.84	23.58	72.10
1/7/2010	1.08	19.90	42.41	26.44	0.00	72.36
1/8/2010	1.01	19.91	40.22	25.58	0.00	72.49
1/9/2010	0.95	19.74	39.64	24.73	0.00	72.58
1/10/2010	0.98	19.71	39.53	24.88	0.00	72.62
1/11/2010	1.07	19.87	39.75	24.66	62.00	72.81
1/12/2010	1.13	19.79	39.51	24.38	0.00	72.90
1/13/2010	1.11	19.54	38.92	24.16	17.16	72.95
1/14/2010	1.06	19.45	38.78	24.07	0.00	73.01
1/15/2010	0.97	19.46	38.03	23.84	0.00	73.08
1/16/2010	1.00	19.46	35.75	23.53	0.00	73.10
1/17/2010	0.97	19.45	35.26	23.30	0.00	73.12
1/18/2010	0.97	19.38	35.44	23.14	0.00	73.17
1/19/2010	0.95	19.35	35.35	22.90	0.00	72.74
1/20/2010	0.95	19.25	33.37	22.87	0.00	72.38
1/21/2010	1.07	17.35	32.11	22.81	0.00	72.37
1/22/2010	1.05	17.27	32.88	22.72	0.00	72.25
1/23/2010	1.07	18.78	38.50	22.84	0.00	72.27
1/24/2010	1.08	17.22	39.55	22.90	0.00	72.23
1/25/2010	1.05	16.56	34.81	22.98	0.00	72.17
1/26/2010	0.93	16.38	33.21	23.02	0.00	72.08
1/27/2010	46.10	16.28	31.93	23.08	0.00	72.04
1/28/2010	88.88	17.60	30.60	23.07	0.00	71.84
1/29/2010	88.70	18.25	30.76	23.19	0.00	71.92
1/30/2010	89.22	17.56	31.11	23.25	0.00	71.80
1/31/2010	89.52	17.04	31.34	23.31	0.00	71.70
2/1/2010	89.80	16.82	31.21	23.35	0.00	71.60
2/2/2010	90.13	16.51	31.09	23.41	0.00	71.50
2/3/2010	52.81	19.57	34.31	24.08	0.00	71.22
2/4/2010	0.76	21.36	47.12	26.17	0.00	71.29
2/5/2010	0.84	18.98	45.81	26.77	0.00	71.08
2/6/2010	0.89	18.09	39.52	26.82	0.00	70.94
2/7/2010	0.94	17.63	37.06	26.24	0.00	70.81
2/8/2010	0.85	17.32	32.98	25.34	0.00	70.72
2/9/2010	0.85	17.03	32.50	24.19	0.00	70.49
2/10/2010	1.17	17.01	30.41	23.93	0.00	70.37
2/11/2010	1.49	17.23	30.18	23.90	0.00	70.20
2/12/2010	1.81	17.07	30.03	23.93	0.00	70.02
2/13/2010	2.13	16.84	29.86	23.93	0.00	69.78
2/14/2010	2.46	16.61	29.68	23.92	0.00	69.61
2/15/2010	2.78	16.64	28.92	24.01	0.00	69.41
2/16/2010	3.10	16.66	28.17	24.11	0.00	69.21
2/17/2010	3.42	16.58	28.04	23.01	0.00	68.98
2/18/2010	3.74	16.61	27.66	21.37	0.00	68.76
2/19/2010	4.07	16.62	27.07	21.40	0.00	68.61
2/20/2010	4.39	16.67	25.98	16.49	0.00	68.38
2/21/2010	4.71	16.72	24.64	15.93	0.00	68.09
2/22/2010	5.03	16.67	24.02	15.96	0.00	67.91
2/23/2010	5.35	16.14	22.67	14.93	0.00	67.56
2/24/2010	11.52	16.01	20.49	13.59	0.00	67.35
2/25/2010	10.63	16.25	19.12	14.10	0.00	67.18
2/26/2010	124.70	26.36	24.39	7.91	0.00	66.92
2/27/2010	95.19	61.14	48.19	2.92	0.00	66.66
2/28/2010	95.47	91.22	62.79	2.97	0.00	66.37
3/1/2010	97.03	114.15	73.19	64.87	0.00	252.10
3/2/2010	98.32	132.98	76.44	189.98	0.00	325.58
3/3/2010	98.65	147.08	70.44	145.55	0.00	254.22
3/4/2010	297.45	194.79	62.27	121.02	0.00	194.47
3/5/2010	349.75	392.95	313.77	141.28	0.00	144.92
3/6/2010	452.87	496.67	469.03	487.17	0.00	104.86
3/7/2010	453.08	538.49	569.30	626.74	0.00	242.98
3/8/2010	551.69	552.24	564.22	634.69	0.00	375.77
3/9/2010	687.37	655.54	590.31	621.69	0.00	395.38
3/10/2010	731.66	740.49	758.76	694.07	0.00	441.55
3/11/2010	731.54	741.12	761.09	708.33	0.00	432.87
3/12/2010	764.89	736.11	766.10	708.29	0.00	450.57
3/13/2010	892.21	847.69	847.21	714.66	0.00	452.69
3/14/2010	891.27	896.01	922.56	791.61	0.00	512.05
3/15/2010	948.64	912.01	900.93	792.62	0.00	655.99
3/16/2010	1259.68	1052.93	981.74	825.26	0.00	613.73
3/17/2010	1324.99	1152.53	1129.13	959.23	0.00	728.15

Table B-5: Mean Daily Flow Summary of Processed EBID River Gage Data

EBID data from Table B-4 processed to eliminate gaps and spurious numbers (i.e., large negative values).

Cells highlighted in grey represent large negative numbers in the data that were replaced with interpolated values

Values at Caballo used to define the upstream inflow to the HEC-RAS model (with 25 cfs minimum discharge for numerical stability).

Values at Leasburg and Mesilla are used in 2012 unsteady model calibration.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Blw Mesilla (CFS)	Anthony (CFS)
3/18/2010	1220.22	1160.80	1153.95	1014.86	0.00	916.72
3/19/2010	1135.27	1047.65	1035.58	992.97	0.00	923.26
3/20/2010	1197.67	1053.30	989.64	927.08	0.00	733.01
3/21/2010	1316.31	1195.82	1099.60	940.58	0.00	674.35
3/22/2010	1313.52	1249.49	1208.73	1033.40	0.00	736.52
3/23/2010	1524.48	1292.88	1225.39	1041.55	0.00	713.03
3/24/2010	1877.77	1722.49	1473.93	1139.42	0.00	705.88
3/25/2010	1792.04	1779.58	1577.63	1236.33	0.00	882.20
3/26/2010	1701.10	1576.43	1415.31	1323.00	0.00	956.07
3/27/2010	1702.89	1583.41	1369.81	1247.48	0.00	857.85
3/28/2010	1823.37	1658.60	1456.84	1328.70	0.00	888.33
3/29/2010	1943.84	1733.78	1543.88	1409.92	0.00	918.82
3/30/2010	1978.65	1820.35	1623.43	1426.94	0.00	925.03
3/31/2010	1998.65	1791.93	1634.56	1442.00	0.00	988.54
4/1/2010	1985.10	1772.07	1629.67	1444.91	0.00	1006.93
4/2/2010	1887.14	1685.51	1498.71	1426.03	0.00	910.45
4/3/2010	1821.29	1575.91	1403.79	1389.26	0.00	842.65
4/4/2010	1823.83	1623.58	1430.82	1377.69	750.37	832.41
4/5/2010	1935.96	1632.05	1451.56	1390.07	2392.50	859.01
4/6/2010	2036.03	1790.39	1554.05	1428.39	865.67	899.21
4/7/2010	2153.86	1793.17	1601.79	1509.13	907.89	1006.65
4/8/2010	2166.74	1932.53	1746.78	1569.40	1018.18	1065.70
4/9/2010	1954.11	1783.62	1647.89	1594.28	862.85	1198.70
4/10/2010	1837.59	1652.09	1529.00	1528.34	667.84	958.23
4/11/2010	1840.76	1656.02	1535.07	1492.66	651.82	805.42
4/12/2010	1785.65	1654.82	1563.16	1487.22	680.95	838.97
4/13/2010	1739.72	1525.20	1423.15	1432.52	653.17	912.96
4/14/2010	1718.84	1529.97	1384.15	1367.30	665.28	915.66
4/15/2010	1668.29	1439.43	1285.67	1350.45	672.47	915.86
4/16/2010	1416.27	1387.01	1214.18	1311.82	674.65	890.81
4/17/2010	1227.70	1127.69	926.11	1128.75	549.58	738.87
4/18/2010	1232.15	1107.70	849.03	936.42	429.12	465.16
4/19/2010	1070.92	1170.20	1007.62	942.69	518.74	469.64
4/20/2010	1028.66	2947.55	828.08	930.44	560.37	554.34
4/21/2010	1062.82	1055.62	800.89	907.75	470.27	516.61
4/22/2010	1007.85	1033.56	809.19	885.06	515.60	468.67
4/23/2010	959.61	954.95	719.37	839.10	447.38	525.33
4/24/2010	937.35	935.91	728.29	775.67	341.31	447.24
4/25/2010	938.34	930.22	743.33	777.02	413.91	492.65
4/26/2010	973.89	929.75	752.15	767.22	415.92	545.32
4/27/2010	1035.17	904.87	754.48	763.26	410.45	552.87
4/28/2010	1152.29	906.41	768.36	748.47	397.33	532.98
4/29/2010	1277.36	1052.88	805.92	749.96	405.28	548.16
4/30/2010	1188.99	1075.44	891.95	825.21	470.18	601.61
5/1/2010	1081.18	981.43	809.63	810.61	423.68	667.12
5/2/2010	1081.09	977.87	789.70	780.03	363.30	611.16
5/3/2010	1138.53	971.54	789.13	779.79	347.27	524.57
5/4/2010	1220.67	1040.40	877.34	790.52	364.92	497.22
5/5/2010	1292.86	1092.19	965.31	853.64	453.60	564.80
5/6/2010	1283.19	1165.27	1036.34	917.01	518.59	647.95
5/7/2010	1268.98	1107.75	958.85	958.31	550.28	679.78
5/8/2010	1296.20	1159.88	954.35	936.81	489.23	635.21
5/9/2010	1294.57	1167.07	973.17	960.44	500.54	590.49
5/10/2010	1344.32	1172.30	974.58	970.90	501.09	602.65
5/11/2010	1425.52	1200.70	987.73	970.38	486.79	611.17
5/12/2010	1600.21	1304.22	1076.77	1005.14	505.73	597.59
5/13/2010	1669.81	1494.63	1275.44	1116.58	621.30	717.97
5/14/2010	1610.39	1505.06	1323.87	1227.71	671.07	885.87
5/15/2010	1524.50	1454.87	1213.59	1217.58	646.65	851.57
5/16/2010	1469.76	1452.08	1210.94	1209.38	715.31	882.89
5/17/2010	1511.88	1447.74	1210.17	1237.84	719.89	956.89
5/18/2010	1439.31	1482.56	1220.96	1252.90	711.06	961.58
5/19/2010	1502.37	1290.18	1073.46	1212.77	668.18	957.25
5/20/2010	1590.00	1432.91	1132.07	1157.74	487.16	733.00
5/21/2010	1535.93	1425.30	1150.00	1238.83	493.09	646.73
5/22/2010	1464.18	1322.17	1054.46	1216.71	589.86	595.47
5/23/2010	1462.04	1289.86	1022.38	1153.57	761.17	614.76
5/24/2010	1539.61	1298.82	1029.03	1147.06	727.68	583.91
5/25/2010	1640.21	1406.35	1161.73	1182.99	758.08	535.24
5/26/2010	1646.92	1399.05	1193.53	1291.82	836.70	643.37
5/27/2010	1561.08	1378.69	1192.82	1295.10	838.87	653.82
5/28/2010	1424.38	1276.96	1088.63	1241.84	847.42	658.83
5/29/2010	1363.20	1219.14	1013.42	1157.70	775.25	583.73
5/30/2010	1363.11	1209.49	997.00	1127.09	764.12	558.59
5/31/2010	1411.03	1203.48	1000.27	1123.12	773.84	545.29
6/1/2010	1501.47	1184.21	968.35	1111.98	761.54	575.43

Table B-5: Mean Daily Flow Summary of Processed EBID River Gage Data

EBID data from Table B-4 processed to eliminate gaps and spurious numbers (i.e., large negative values).

Cells highlighted in grey represent large negative numbers in the data that were replaced with interpolated values

Values at Caballo used to define the upstream inflow to the HEC-RAS model (with 25 cfs minimum discharge for numerical stability).

Values at Leasburg and Mesilla are used in 2012 unsteady model calibration.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Blw Mesilla (CFS)	Anthony (CFS)
6/2/2010	1703.16	1253.75	1014.50	1109.14	741.18	541.85
6/3/2010	1818.40	1471.34	1228.96	1261.53	754.06	613.24
6/4/2010	1876.56	1475.15	1278.05	1335.23	661.21	723.55
6/5/2010	1920.76	1669.04	1486.77	1446.25	716.39	711.33
6/6/2010	1914.78	1664.49	1541.29	1579.20	870.92	1011.37
6/7/2010	2066.62	1686.39	1543.95	1598.26	893.29	1104.05
6/8/2010	2158.43	1901.22	1739.91	1701.74	937.34	1106.00
6/9/2010	2153.47	1817.14	1696.43	1835.58	1065.89	1327.25
6/10/2010	2090.87	1838.55	1677.33	1864.61	1034.69	1242.41
6/11/2010	2034.66	1724.67	1501.40	1801.97	1013.34	1219.27
6/12/2010	2032.89	1775.39	1514.54	1759.83	944.94	1101.11
6/13/2010	2033.40	1777.56	1600.57	1803.97	1023.49	1162.33
6/14/2010	2114.28	1812.69	1670.74	1802.96	1056.19	1266.22
6/15/2010	2212.05	1945.16	1754.29	1791.03	1095.82	1281.52
6/16/2010	2139.82	2023.77	1784.04	1832.35	1104.07	1406.09
6/17/2010	2246.92	2083.50	1837.98	1842.96	1120.27	1437.50
6/18/2010	2138.65	1972.27	1732.97	1840.73	1053.92	1486.53
6/19/2010	2090.41	1902.51	1647.41	1843.69	962.02	1358.50
6/20/2010	2094.08	1918.53	1647.17	1848.69	944.95	1214.33
6/21/2010	2190.49	1934.52	1641.31	1855.97	951.24	1224.29
6/22/2010	2277.56	2037.41	1696.60	1860.05	953.55	1239.38
6/23/2010	2278.77	2083.56	1754.02	1864.00	950.49	1238.67
6/24/2010	2274.84	2033.82	1764.85	1874.77	976.41	1208.50
6/25/2010	2360.69	2024.43	1818.65	1872.78	941.13	1247.41
6/26/2010	2420.83	2232.87	2012.68	2003.17	1025.86	1278.80
6/27/2010	2416.64	2282.60	2053.94	2120.18	1091.12	1470.91
6/28/2010	2372.90	2337.60	2070.38	2166.75	1087.42	1505.06
6/29/2010	2083.61	2305.04	2093.50	2229.10	1174.04	1594.18
6/30/2010	1734.21	1816.62	1666.51	2039.56	1002.00	1441.86
7/1/2010	1636.94	1599.77	1453.76	1780.93	769.27	823.99
7/2/2010	1383.87	1564.24	1428.81	1650.22	808.33	833.99
7/3/2010	1191.52	1214.88	1089.49	1521.54	788.55	868.01
7/4/2010	1331.91	1204.12	976.02	1300.22	656.97	797.57
7/5/2010	1562.94	1360.53	1134.61	1405.23	735.69	680.15
7/6/2010	1722.77	1569.98	1335.58	1632.80	903.59	845.54
7/7/2010	1997.89	1696.73	1416.03	1821.04	971.73	949.05
7/8/2010	2111.78	2021.79	1656.73	2027.93	1078.44	1088.40
7/9/2010	2081.53	1951.30	1641.18	2172.79	1036.03	1179.78
7/10/2010	2101.86	2047.05	1742.38	2269.38	994.31	1037.65
7/11/2010	1853.50	2309.48	2237.72	2376.23	1085.60	1082.30
7/12/2010	1631.29	1742.32	1764.04	2113.21	1447.26	2264.76
7/13/2010	1680.99	1847.79	1569.36	1470.61	909.56	1104.77
7/14/2010	1777.66	1716.10	1490.27	1523.42	1030.13	1087.22
7/15/2010	1909.19	1970.55	1620.48	1629.65	996.75	1044.77
7/16/2010	1911.10	1854.42	1614.55	1696.28	932.11	1086.85
7/17/2010	1909.61	1704.19	1567.26	1660.06	877.20	916.94
7/18/2010	1907.60	1710.19	1557.20	1635.30	913.94	917.28
7/19/2010	2019.61	1725.26	1573.65	1644.20	919.31	955.11
7/20/2010	2103.75	1766.56	1642.70	1695.86	949.98	967.29
7/21/2010	2141.25	1783.45	1643.88	1752.17	1013.16	1041.09
7/22/2010	2097.03	1974.49	1811.76	1771.88	974.68	1110.32
7/23/2010	1994.18	2185.57	1723.20	1939.14	982.73	1127.22
7/24/2010	1574.36	2050.60	2401.33	2587.93	1459.63	1607.85
7/25/2010	1770.54	2279.05	1891.99	1966.99	1017.83	1865.93
7/26/2010	1247.69	2691.50	2801.25	2686.53	1754.63	2660.30
7/27/2010	1164.39	1385.74	1414.22	1949.33	1423.98	3638.97
7/28/2010	1345.27	1485.56	1337.75	1568.80	893.41	1287.72
7/29/2010	1330.85	1625.65	1552.40	1667.70	1019.50	1377.67
7/30/2010	1243.28	1609.09	1454.22	1908.81	1116.22	1650.87
7/31/2010	1352.62	1622.98	1323.94	1582.71	866.55	1441.14
8/1/2010	1353.71	1626.63	1481.00	1684.58	993.75	1228.55
8/2/2010	1410.81	1561.40	1327.42	1630.63	955.40	1417.83
8/3/2010	1556.97	1652.01	1332.40	1605.27	887.76	1180.01
8/4/2010	1765.20	1747.49	1407.75	1613.11	858.52	1049.01
8/5/2010	1867.47	1876.00	1497.29	1656.47	907.03	975.34
8/6/2010	1923.89	1903.87	1492.03	1700.76	795.69	878.66
8/7/2010	1971.68	2050.83	1616.80	0.00	826.44	792.33
8/8/2010	1966.56	2086.57	1665.18	0.00	929.62	900.87
8/9/2010	2110.07	2088.03	1667.07	3.76	905.94	906.70
8/10/2010	2175.49	2214.96	1842.27	1791.49	953.87	899.74
8/11/2010	2127.44	2109.92	1762.64	1771.76	959.93	1069.35
8/12/2010	2119.91	2113.64	1727.44	1738.35	912.59	940.34
8/13/2010	2058.67	2089.64	1713.73	1722.59	890.26	902.33
8/14/2010	1998.51	2039.61	1571.79	1665.27	910.83	923.43
8/15/2010	1992.63	2080.63	1582.21	1627.07	900.84	817.36
8/16/2010	2038.96	2080.83	1567.50	1626.79	942.63	873.44

Table B-5: Mean Daily Flow Summary of Processed EBID River Gage Data

EBID data from Table B-4 processed to eliminate gaps and spurious numbers (i.e., large negative values).

Cells highlighted in grey represent large negative numbers in the data that were replaced with interpolated values

Values at Caballo used to define the upstream inflow to the HEC-RAS model (with 25 cfs minimum discharge for numerical stability).

Values at Leasburg and Mesilla are used in 2012 unsteady model calibration.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Blw Mesilla (CFS)	Anthony (CFS)
8/17/2010	2083.25	2216.11	1654.19	1632.83	961.47	867.05
8/18/2010	2077.52	2231.64	1726.04	1654.05	975.08	946.94
8/19/2010	1980.41	2108.06	1644.49	1685.22	1009.67	999.62
8/20/2010	2028.06	1999.37	1588.44	1662.65	957.69	974.63
8/21/2010	2106.97	2156.55	1718.38	1681.51	980.94	891.18
8/22/2010	2099.09	2197.95	1753.99	1751.89	1058.38	1012.01
8/23/2010	1978.58	2205.94	1787.21	1763.75	1050.11	1077.81
8/24/2010	1719.24	2534.66	1883.45	1773.57	1005.73	1136.04
8/25/2010	1522.20	2043.68	2664.80	3015.18	1739.47	2326.52
8/26/2010	1518.80	1664.61	1441.71	1462.05	1026.30	1463.20
8/27/2010	1588.48	1529.21	1258.50	1390.85	943.03	983.56
8/28/2010	1609.64	1728.27	1535.70	1407.46	909.76	899.46
8/29/2010	1542.55	1554.34	1409.85	1342.51	868.82	1092.62
8/30/2010	1447.09	1506.11	1370.64	1264.45	819.31	931.58
8/31/2010	1280.22	1333.42	1199.56	1209.40	717.55	898.71
9/1/2010	1261.96	1297.97	1012.23	1141.53	442.92	538.41
9/2/2010	1293.93	1294.45	957.75	1057.36	338.61	327.61
9/3/2010	1423.97	1283.13	890.95	1005.92	319.38	272.57
9/4/2010	1638.74	1442.96	1055.48	1026.91	318.86	226.07
9/5/2010	1624.31	1467.85	1206.98	1248.02	318.86	412.05
9/6/2010	1609.57	1456.66	1194.37	1245.89	319.09	611.25
9/7/2010	1657.78	1447.48	1153.21	1215.55	319.35	608.98
9/8/2010	1625.65	1496.48	1217.34	1217.71	479.22	540.15
9/9/2010	1310.44	1445.18	1209.37	1218.40	525.07	524.16
9/10/2010	950.84	1142.96	1024.22	1074.24	488.10	555.41
9/11/2010	787.54	931.52	836.78	941.67	571.44	537.30
9/12/2010	610.90	928.95	823.03	816.28	512.00	552.03
9/13/2010	523.56	870.27	745.66	814.59	644.73	637.79
9/14/2010	493.34	876.58	795.09	782.87	575.88	0.00
9/15/2010	469.96	815.14	673.06	713.07	530.34	0.00
9/16/2010	408.70	783.55	634.82	655.50	422.05	0.00
9/17/2010	381.16	739.15	579.69	643.73	360.29	0.00
9/18/2010	403.91	734.74	537.57	593.62	272.24	0.00
9/19/2010	404.87	731.65	546.63	596.40	333.33	0.00
9/20/2010	484.49	734.29	549.94	607.52	359.51	0.00
9/21/2010	564.13	794.02	660.52	659.55	387.56	0.00
9/22/2010	562.23	783.30	716.21	765.94	446.13	0.00
9/23/2010	402.89	758.86	756.65	773.18	454.38	529.45
9/24/2010	279.64	606.89	640.66	789.71	473.00	518.13
9/25/2010	278.92	542.29	489.93	643.46	282.49	462.62
9/26/2010	277.96	512.60	486.68	597.74	244.38	319.41
9/27/2010	277.04	487.76	495.09	580.45	226.60	295.54
9/28/2010	347.66	466.57	488.78	576.63	207.39	295.30
9/29/2010	467.21	462.76	511.36	574.74	360.08	297.99
9/30/2010	422.43	477.95	666.58	679.76	536.55	302.08
10/1/2010	403.74	428.22	659.51	729.42	586.75	401.58
10/2/2010	483.32	417.03	612.38	643.32	455.82	389.77
10/3/2010	481.16	405.63	691.82	674.51	434.08	297.82
10/4/2010	476.24	385.13	714.41	733.52	525.78	351.84
10/5/2010	390.71	366.03	713.92	757.64	542.33	385.52
10/6/2010	299.31	330.20	699.48	762.77	536.81	401.15
10/7/2010	195.10	327.74	472.65	688.90	264.56	445.17
10/8/2010	78.35	267.46	397.35	671.53	282.19	339.15
10/9/2010	78.40	203.45	181.92	570.12	251.43	411.51
10/10/2010	78.45	205.68	134.76	482.99	119.61	286.64
10/11/2010	78.50	218.47	113.23	447.26	82.39	234.79
10/12/2010	78.56	216.50	91.05	427.09	60.61	205.71
10/13/2010	78.62	206.20	69.56	394.75	40.37	182.74
10/14/2010	78.67	196.01	68.36	375.44	25.31	167.54
10/15/2010	78.70	178.93	65.30	359.29	47.99	157.06
10/16/2010	78.79	165.61	58.62	332.84	36.20	148.55
10/17/2010	78.84	156.82	55.00	329.53	28.47	129.50
10/18/2010	78.89	144.24	52.53	327.42	26.00	123.37
10/19/2010	78.95	131.55	41.63	301.77	14.31	115.64
10/20/2010	78.98	121.06	38.00	285.20	13.28	103.64
10/21/2010	1287.38	110.35	36.23	282.01	12.24	93.66
10/22/2010	3133.43	98.92	35.85	280.47	11.20	90.36
10/23/2010	3135.58	87.04	35.26	279.95	10.16	88.67
10/24/2010	3137.30	73.38	32.17	273.37	9.12	86.89
10/25/2010	1165.94	58.38	31.54	262.37	8.08	84.17
10/26/2010	77.81	41.57	31.14	214.12	7.05	78.98
10/27/2010	77.88	28.35	30.69	164.57	6.01	73.59
10/28/2010	77.94	26.71	30.36	128.84	4.97	69.99
10/29/2010	77.95	26.58	30.70	114.68	3.93	65.12
10/30/2010	77.94	26.61	31.03	108.17	4.07	59.37
10/31/2010	77.99	26.29	31.35	102.83	4.20	53.25

Table B-5: Mean Daily Flow Summary of Processed EBID River Gage Data

EBID data from Table B-4 processed to eliminate gaps and spurious numbers (i.e., large negative values).

Cells highlighted in grey represent large negative numbers in the data that were replaced with interpolated values

Values at Caballo used to define the upstream inflow to the HEC-RAS model (with 25 cfs minimum discharge for numerical stability).

Values at Leasburg and Mesilla are used in 2012 unsteady model calibration.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Blw Mesilla (CFS)	Anthony (CFS)
11/1/2010	78.06	25.70	30.55	97.05	4.34	44.50
11/2/2010	78.10	25.36	29.66	92.04	4.48	35.40
11/3/2010	78.16	25.13	29.94	88.88	4.61	27.56
11/4/2010	78.15	25.03	30.22	85.75	4.75	26.40
11/5/2010	78.20	24.63	30.48	83.80	4.89	26.11
11/6/2010	78.26	24.72	30.74	83.18	5.02	25.97
11/7/2010	78.27	24.40	30.98	82.42	5.16	25.58
11/8/2010	78.30	24.05	31.22	81.55	5.29	25.27
11/9/2010	78.31	23.92	31.44	80.53	5.43	24.59
11/10/2010	78.38	22.92	31.65	79.38	5.57	24.18
11/11/2010	78.40	22.49	31.84	78.08	5.20	23.99
11/12/2010	78.45	21.93	32.02	76.62	5.00	23.73
11/13/2010	78.47	21.45	32.19	75.00	4.01	22.66
11/14/2010	78.50	21.25	32.33	73.20	9.95	22.55
11/15/2010	79.00	21.61	32.47	71.23	8.05	22.40
11/16/2010	79.36	20.60	32.59	68.97	5.77	21.61
11/17/2010	79.30	20.34	32.68	66.71	10.59	20.27
11/18/2010	79.36	20.25	32.75	64.15	11.50	18.96
11/19/2010	79.46	19.74	32.26	61.34	4.53	18.73
11/20/2010	79.40	20.66	31.70	58.31	3.55	18.64
11/21/2010	79.62	20.53	31.67	55.04	7.27	18.53
11/22/2010	79.67	20.07	31.65	51.52	10.34	18.33
11/23/2010	79.82	19.26	31.33	47.71	10.64	18.27
11/24/2010	79.83	18.52	30.95	43.63	8.56	18.06
11/25/2010	79.82	17.97	30.85	39.24	10.41	18.01
11/26/2010	79.67	17.56	30.71	34.53	5.26	17.91
11/27/2010	79.73	16.86	30.54	29.49	7.21	17.72
11/28/2010	79.71	16.77	29.51	24.10	23.24	17.39
11/29/2010	79.84	16.47	27.90	18.35	25.14	17.23
11/30/2010	79.81	15.31	26.62	12.27	16.37	16.96
12/1/2010	79.91	14.86	25.89	6.65	17.46	16.74
12/2/2010	80.17	14.86	25.91	5.42	13.04	16.56
12/3/2010	80.19	15.12	26.15	4.97	8.80	16.42
12/4/2010	80.21	15.14	26.41	4.54	9.25	16.26
12/5/2010	80.27	15.95	26.38	4.13	9.71	16.15
12/6/2010	80.36	17.66	26.38	3.76	10.16	15.78
12/7/2010	80.24	18.00	26.63	3.41	10.62	15.31
12/8/2010	80.19	17.91	26.88	3.08	11.07	15.10
12/9/2010	80.22	16.08	26.80	2.77	11.53	14.73
12/10/2010	80.27	14.98	26.85	2.49	11.98	14.62
12/11/2010	80.40	15.51	27.10	2.22	12.44	14.32
12/12/2010	80.50	15.69	27.36	1.98	12.89	13.99
12/13/2010	80.59	16.41	27.61	1.75	13.35	13.93
12/14/2010	80.62	16.26	27.87	1.54	13.80	13.65
12/15/2010	80.68	16.93	28.13	1.35	14.26	13.26
12/16/2010	80.70	16.92	28.13	1.17	14.72	12.81
12/17/2010	80.61	17.39	28.10	1.01	15.17	12.52
12/18/2010	80.71	18.28	28.36	0.87	15.63	12.38
12/19/2010	67.23	17.97	28.62	0.74	16.08	12.22
12/20/2010	80.67	17.94	28.74	0.63	16.54	12.03
12/21/2010	80.74	18.55	28.58	0.52	16.99	11.59
12/22/2010	80.88	18.24	28.85	0.43	17.45	11.22
12/23/2010	80.96	17.91	29.11	0.35	17.90	11.06
12/24/2010	81.03	17.94	29.37	0.28	18.36	10.88
12/25/2010	81.05	18.26	29.64	0.22	18.81	10.53
12/26/2010	81.13	18.45	29.90	0.17	19.27	10.34
12/27/2010	81.12	18.56	30.17	0.13	19.72	10.14
12/28/2010	81.14	19.22	30.44	0.10	20.18	10.03
12/29/2010	81.12	19.14	30.71	0.07	20.63	9.67
12/30/2010	81.16	19.34	30.98	0.05	21.09	9.03
12/31/2010	81.10	18.73	31.25	0.03	21.54	8.48
1/1/2011	81.23	18.31	31.16	0.02	22.00	8.33
1/2/2011	81.27	18.26	31.22	0.01	22.46	8.12
1/3/2011	81.28	17.55	31.49	0.01	22.91	7.91
1/4/2011	81.43	18.57	31.76	0.00	23.37	7.65
1/5/2011	81.42	18.79	32.04	0.00	23.82	7.37
1/6/2011	88.44	19.76	25.72	0.00	24.28	7.06
1/7/2011	108.58	20.50	20.82	0.00	24.73	6.63
1/8/2011	108.60	20.42	21.05	0.00	25.19	6.29
1/9/2011	108.63	20.86	21.27	0.00	25.64	6.05
1/10/2011	109.28	21.52	21.50	0.00	26.10	5.85
1/11/2011	110.34	20.50	21.73	0.00	26.55	5.55
1/12/2011	109.45	21.26	21.96	0.00	27.01	5.21
1/13/2011	107.90	19.99	22.19	0.00	27.46	4.80
1/14/2011	108.07	19.88	22.42	0.00	27.92	4.48
1/15/2011	108.14	20.11	22.65	0.00	28.37	4.26

Table B-5: Mean Daily Flow Summary of Processed EBID River Gage Data

EBID data from Table B-4 processed to eliminate gaps and spurious numbers (i.e., large negative values).

Cells highlighted in grey represent large negative numbers in the data that were replaced with interpolated values

Values at Caballo used to define the upstream inflow to the HEC-RAS model (with 25 cfs minimum discharge for numerical stability).

Values at Leasburg and Mesilla are used in 2012 unsteady model calibration.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Blw Mesilla (CFS)	Anthony (CFS)
1/16/2011	108.32	19.52	22.82	0.00	28.83	4.10
1/17/2011	108.32	19.16	23.01	0.00	29.28	3.68
1/18/2011	108.32	18.80	23.21	0.00	29.74	3.25
1/19/2011	60.53	18.85	22.60	0.00	30.19	3.01
1/20/2011	42.40	19.46	21.90	0.00	30.65	3.11
1/21/2011	0.00	18.84	21.21	0.00	30.65	3.26
1/22/2011	0.00	18.64	20.53	0.00	30.65	3.42
1/23/2011	0.00	19.49	19.86	0.00	30.65	3.58
1/24/2011	0.00	18.53	19.20	0.00	30.65	3.74
1/25/2011	0.00	18.83	18.55	0.00	30.65	3.91
1/26/2011	21.90	19.15	17.91	0.00	30.65	4.08
1/27/2011	137.99	19.40	17.29	0.00	30.65	4.26
1/28/2011	92.45	18.70	16.67	0.00	30.65	4.43
1/29/2011	92.48	19.20	16.07	0.00	30.65	4.61
1/30/2011	92.51	18.35	15.47	0.00	30.65	4.80
1/31/2011	92.59	18.45	14.89	0.00	30.65	4.99
2/1/2011	92.60	18.11	14.84	0.00	30.65	5.19
2/2/2011	92.67	17.45	15.01	0.00	30.65	5.38
2/3/2011	92.49	16.29	13.98	0.00	30.65	5.60
2/4/2011	92.30	16.45	14.03	0.00	30.65	5.80
2/5/2011	92.29	16.89	16.44	0.00	30.65	6.00
2/6/2011	92.33	16.01	17.75	0.00	30.65	6.21
2/7/2011	92.35	17.21	15.84	0.00	30.65	6.43
2/8/2011	133.91	26.36	15.30	0.00	30.65	6.65
2/9/2011	90.18	33.09	15.30	0.00	30.65	6.87
2/10/2011	132.01	32.85	14.84	0.00	30.65	7.10
2/11/2011	84.95	32.80	14.54	0.00	30.65	7.26
2/12/2011	84.98	31.61	14.31	0.00	30.65	7.47
2/13/2011	85.00	31.87	13.48	0.00	30.65	7.69
2/14/2011	85.00	32.70	13.31	0.00	30.65	7.87
2/15/2011	80.80	32.05	13.31	0.00	30.65	17.00
2/16/2011	0.00	32.23	13.31	0.00	30.65	31.68
2/17/2011	0.00	30.57	12.65	0.00	30.65	37.34
2/18/2011	0.00	30.57	11.46	0.00	30.65	40.06
2/19/2011	0.00	29.46	11.35	0.00	30.65	40.88
2/20/2011	0.00	29.15	10.73	0.00	30.65	40.41
2/21/2011	0.00	28.97	10.07	0.00	30.65	39.02
2/22/2011	0.00	28.16	10.07	0.00	30.65	37.01
2/23/2011	0.00	30.90	9.93	0.00	30.65	34.56
2/24/2011	0.00	30.25	9.66	0.00	30.65	31.84
2/25/2011	0.00	28.51	9.23	0.00	30.65	28.97
2/26/2011	0.00	29.35	9.09	0.00	30.65	26.04
2/27/2011	0.00	29.43	8.68	0.00	30.65	23.13
2/28/2011	0.00	30.21	8.16	0.00	30.65	20.33
3/1/2011	0.00	29.35	8.16	0.00	30.65	17.60
3/2/2011	0.00	28.16	7.68	0.00	30.65	15.04
3/3/2011	0.00	29.24	7.27	0.00	30.66	12.68
3/4/2011	0.00	30.77	7.27	0.00	33.58	10.53
3/5/2011	0.00	28.75	7.27	0.00	35.99	8.61
3/6/2011	0.00	28.94	7.27	0.00	35.85	6.88
3/7/2011	11.93	31.12	7.02	0.00	35.44	5.37
3/8/2011	11.92	30.11	5.23	0.00	35.46	4.10
3/9/2011	11.99	36.59	5.16	0.00	35.32	3.02
3/10/2011	12.10	37.77	5.16	0.00	34.73	2.14
3/11/2011	303.26	36.36	5.16	0.00	35.05	1.44
3/12/2011	423.58	127.70	14.23	0.00	35.29	0.92
3/13/2011	424.52	207.30	306.34	83.55	34.66	0.53
3/14/2011	425.21	310.83	379.78	305.34	175.09	0.28
3/15/2011	604.12	424.07	414.82	336.86	241.70	17.25
3/16/2011	853.40	739.91	488.99	416.70	297.71	216.48
3/17/2011	916.08	815.71	784.39	629.09	510.47	353.16
3/18/2011	1176.11	970.51	828.14	664.77	557.25	571.78
3/19/2011	1290.75	1188.58	1091.90	831.67	724.58	615.19
3/20/2011	1283.90	1232.07	1187.31	975.92	895.53	849.95
3/21/2011	1364.39	1235.00	1190.61	1001.87	1028.86	822.85
3/22/2011	1475.39	1344.95	1310.86	1120.82	1117.31	692.12
3/23/2011	1500.05	1333.92	1375.69	1341.24	1110.05	618.25
3/24/2011	1501.50	1315.74	1384.94	1352.18	1113.66	485.09
3/25/2011	1516.88	1351.77	1398.01	1342.67	1139.49	400.98
3/26/2011	0.00	1548.38	1601.88	1425.52	1192.75	328.01
3/27/2011	0.00	1597.50	1671.48	1576.31	1304.39	350.70
3/28/2011	0.00	1666.17	1658.03	1565.78	1326.83	645.23
3/29/2011	0.00	1449.93	1471.07	1431.28	1328.59	1072.43
3/30/2011	1593.53	1466.61	1517.95	1359.60	1234.30	954.32
3/31/2011	1394.23	1468.85	1572.35	1406.12	1285.66	1056.20
4/1/2011	1088.02	1191.14	1278.99	1348.62	1223.98	1176.80

Table B-5: Mean Daily Flow Summary of Processed EBID River Gage Data

EBID data from Table B-4 processed to eliminate gaps and spurious numbers (i.e., large negative values).

Cells highlighted in grey represent large negative numbers in the data that were replaced with interpolated values

Values at Caballo used to define the upstream inflow to the HEC-RAS model (with 25 cfs minimum discharge for numerical stability).

Values at Leasburg and Mesilla are used in 2012 unsteady model calibration.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Blw Mesilla (CFS)	Anthony (CFS)
4/2/2011	967.67	1018.45	1002.20	1081.99	950.09	855.29
4/3/2011	973.99	1000.68	930.67	965.16	801.76	649.48
4/4/2011	1061.36	1003.65	935.12	922.32	839.51	631.54
4/5/2011	1169.53	1095.42	1059.95	904.00	902.56	642.16
4/6/2011	1217.44	1161.26	1170.33	986.56	1022.17	788.67
4/7/2011	1084.95	1174.38	1204.57	1058.56	1026.56	888.39
4/8/2011	998.86	1039.57	1029.61	1041.42	983.18	894.41
4/9/2011	892.47	1027.37	967.25	983.66	828.74	718.15
4/10/2011	836.67	925.53	853.85	950.42	922.62	647.40
4/11/2011	839.50	913.90	826.77	893.53	854.87	820.22
4/12/2011	773.67	888.55	829.25	896.95	792.26	773.43
4/13/2011	723.46	747.64	762.08	875.94	792.77	766.40
4/14/2011	727.35	705.15	735.28	803.54	698.80	697.91
4/15/2011	728.78	738.34	745.98	779.95	701.25	621.95
4/16/2011	842.92	761.86	757.08	770.66	717.28	606.57
4/17/2011	1004.70	940.97	867.79	782.87	730.22	611.04
4/18/2011	1046.83	1026.78	986.43	944.52	818.30	714.93
4/19/2011	1085.52	1112.54	1023.37	969.27	788.63	742.20
4/20/2011	1042.91	1093.29	1063.18	1003.95	830.84	786.88
4/21/2011	924.71	1031.71	1026.12	1001.56	817.26	834.35
4/22/2011	787.34	897.39	897.03	930.74	741.82	823.33
4/23/2011	794.20	819.35	799.98	824.98	620.19	674.79
4/24/2011	873.05	836.65	819.32	758.70	563.77	576.83
4/25/2011	875.60	826.95	874.60	798.42	633.42	570.91
4/26/2011	1014.48	804.80	858.86	782.00	632.75	612.08
4/27/2011	834.55	942.68	1014.36	809.44	668.93	611.17
4/28/2011	779.40	943.58	1100.51	923.11	836.44	662.60
4/29/2011	619.72	809.08	965.01	912.40	804.52	678.94
4/30/2011	510.39	704.88	813.92	806.63	679.17	680.52
5/1/2011	470.25	674.20	686.31	711.22	643.81	638.60
5/2/2011	452.37	651.41	632.63	630.10	659.48	634.94
5/3/2011	401.22	619.97	605.56	607.47	644.40	619.12
5/4/2011	381.11	614.55	542.01	545.22	540.24	586.37
5/5/2011	401.24	622.83	492.72	490.19	454.92	517.31
5/6/2011	405.70	622.11	457.51	452.97	444.69	437.70
5/7/2011	505.18	627.59	440.05	439.48	409.68	394.75
5/8/2011	712.98	619.99	484.79	434.12	387.25	364.43
5/9/2011	711.82	606.85	690.44	600.98	406.27	339.01
5/10/2011	800.43	619.74	668.17	669.66	423.44	377.24
5/11/2011	853.25	652.90	734.18	678.34	401.34	406.43
5/12/2011	769.86	659.87	803.80	763.07	506.70	472.17
5/13/2011	710.42	601.42	748.44	757.28	525.11	543.90
5/14/2011	709.58	609.48	694.21	692.00	446.35	511.26
5/15/2011	708.96	607.59	693.02	674.16	433.63	453.31
5/16/2011	770.99	598.76	688.63	662.95	430.17	451.69
5/17/2011	878.41	609.70	730.60	647.84	433.62	444.95
5/18/2011	936.04	662.36	805.96	680.34	501.09	452.54
5/19/2011	852.97	666.82	849.51	716.53	584.17	494.93
5/20/2011	793.95	589.20	795.87	701.18	580.52	558.28
5/21/2011	671.10	573.75	745.97	643.30	514.32	507.70
5/22/2011	603.82	548.84	652.50	605.44	574.91	472.47
5/23/2011	603.12	556.45	572.22	526.06	528.83	572.42
5/24/2011	575.78	549.20	559.48	503.46	486.90	522.41
5/25/2011	543.64	545.90	549.74	486.68	497.21	499.80
5/26/2011	543.52	536.31	522.74	457.23	473.85	483.05
5/27/2011	598.22	564.42	512.13	441.81	446.61	445.23
5/28/2011	710.01	593.56	538.31	432.68	433.43	418.53
5/29/2011	811.67	606.83	628.96	458.97	476.99	420.23
5/30/2011	887.49	670.20	732.14	530.03	474.75	453.24
5/31/2011	1386.23	745.57	800.92	600.32	503.11	433.60
6/1/2011	1659.26	1150.65	1134.38	897.05	661.38	514.93
6/2/2011	1584.06	1152.13	1242.72	1107.99	656.28	763.71
6/3/2011	1574.64	1217.99	1131.32	1130.99	615.93	708.98
6/4/2011	1619.33	1436.14	1176.60	1098.46	574.92	606.82
6/5/2011	1617.94	1440.88	1180.79	1098.28	592.11	609.46
6/6/2011	1613.90	1442.01	1188.11	1129.85	581.40	576.77
6/7/2011	1687.40	1420.35	1163.67	1065.64	628.32	642.85
6/8/2011	1771.22	1520.25	1257.25	1058.05	691.41	741.50
6/9/2011	1706.84	1542.74	1215.25	1089.87	679.26	861.96
6/10/2011	1664.08	1447.37	1028.27	1084.06	541.85	915.87
6/11/2011	1698.16	1503.25	1046.05	1076.06	483.07	753.34
6/12/2011	1696.45	1511.65	1067.58	1151.49	541.33	761.19
6/13/2011	1771.75	1509.33	1031.47	1202.75	563.88	802.51
6/14/2011	1823.82	1559.39	1116.41	1255.05	624.78	786.86
6/15/2011	1820.85	1545.26	1147.65	1311.50	730.12	824.65
6/16/2011	1764.29	1537.98	1276.99	1326.00	715.96	833.65

Table B-5: Mean Daily Flow Summary of Processed EBID River Gage Data

EBID data from Table B-4 processed to eliminate gaps and spurious numbers (i.e., large negative values).

Cells highlighted in grey represent large negative numbers in the data that were replaced with interpolated values

Values at Caballo used to define the upstream inflow to the HEC-RAS model (with 25 cfs minimum discharge for numerical stability).

Values at Leasburg and Mesilla are used in 2012 unsteady model calibration.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Blw Mesilla (CFS)	Anthony (CFS)
6/17/2011	1637.50	1462.33	1323.57	1292.23	706.03	799.44
6/18/2011	1577.29	1395.50	1202.54	1202.53	649.21	733.02
6/19/2011	1576.06	1423.40	1224.34	1163.45	618.90	557.60
6/20/2011	1753.50	1444.07	1221.54	1184.10	615.45	564.92
6/21/2011	1843.48	1630.68	1445.05	1283.57	642.54	565.91
6/22/2011	1916.38	1608.92	1437.77	1406.95	715.97	748.50
6/23/2011	1923.52	1744.28	1519.93	1454.37	677.66	683.44
6/24/2011	1863.05	1683.34	1399.87	1465.25	638.40	648.78
6/25/2011	1861.36	1729.11	1395.49	1432.09	588.89	539.58
6/26/2011	1859.52	1726.87	1407.83	1452.99	672.69	537.19
6/27/2011	1857.30	1725.72	1412.16	1475.28	724.64	618.86
6/28/2011	1895.99	1679.53	1377.82	1451.40	719.54	663.19
6/29/2011	2044.42	1734.39	1438.12	1413.90	697.66	678.58
6/30/2011	2130.84	1829.78	1547.40	1457.66	736.30	684.33
7/1/2011	2125.25	1827.27	1542.69	1502.54	728.50	783.42
7/2/2011	2120.12	1814.57	1517.46	1503.71	732.02	799.18
7/3/2011	2115.84	1821.57	1567.05	1532.84	734.52	809.21
7/4/2011	1944.98	1785.69	1567.07	1535.27	721.11	822.53
7/5/2011	1779.24	1662.40	1473.72	1475.63	681.20	791.61
7/6/2011	1356.44	1623.84	1490.13	1442.10	666.57	669.22
7/7/2011	1043.66	1144.99	1147.96	1308.28	705.20	699.71
7/8/2011	983.57	1111.16	1052.91	1101.44	766.82	824.29
7/9/2011	918.24	1020.55	971.22	1043.78	753.25	810.70
7/10/2011	921.70	1007.23	917.31	944.56	644.57	696.58
7/11/2011	925.19	1021.31	910.54	916.23	636.84	621.28
7/12/2011	928.15	1026.27	1000.13	949.53	685.45	640.34
7/13/2011	932.04	1003.14	926.23	932.34	653.82	805.37
7/14/2011	850.21	979.53	946.99	941.19	674.25	740.15
7/15/2011	853.11	892.38	832.32	919.25	662.16	760.96
7/16/2011	920.01	947.80	832.04	860.92	588.32	639.79
7/17/2011	919.45	947.82	878.75	890.36	695.45	595.74
7/18/2011	1000.63	945.88	879.49	887.75	688.48	645.34
7/19/2011	1113.41	1043.73	1001.32	905.71	682.47	640.86
7/20/2011	1110.69	1053.53	1086.91	1008.55	810.75	857.76
7/21/2011	1041.97	1047.10	1072.40	1019.75	777.65	857.71
7/22/2011	989.66	977.98	996.71	1020.29	777.19	784.19
7/23/2011	1016.11	1001.28	963.12	956.80	686.82	673.09
7/24/2011	1014.44	1021.98	992.12	974.83	692.91	599.47
7/25/2011	1012.11	1009.73	989.80	988.80	678.06	565.95
7/26/2011	1047.93	1000.88	963.66	996.84	652.06	561.36
7/27/2011	1076.80	1049.03	1000.04	1024.21	665.29	573.58
7/28/2011	840.47	1052.25	1026.65	1045.64	619.16	585.94
7/29/2011	903.28	887.00	818.05	954.44	528.31	597.18
7/30/2011	925.41	969.82	883.56	872.43	372.61	448.05
7/31/2011	918.34	955.24	888.83	920.99	404.95	389.75
8/1/2011	976.51	947.79	886.94	895.17	391.20	387.28
8/2/2011	948.80	1015.34	948.65	880.97	422.73	368.05
8/3/2011	867.83	938.67	908.65	902.86	540.46	481.22
8/4/2011	859.70	826.67	857.52	828.17	518.54	553.68
8/5/2011	880.31	767.70	898.50	836.78	581.24	521.07
8/6/2011	915.51	814.69	878.75	824.71	566.05	545.31
8/7/2011	905.12	853.65	892.34	828.14	582.08	530.35
8/8/2011	894.72	886.57	871.27	833.06	565.24	553.17
8/9/2011	883.86	916.88	852.60	833.11	555.04	543.29
8/10/2011	902.10	914.09	849.04	825.36	551.37	530.74
8/11/2011	930.18	858.20	870.85	809.43	502.77	521.17
8/12/2011	945.78	762.18	929.14	864.54	571.86	479.44
8/13/2011	961.86	787.54	930.78	940.34	625.47	526.11
8/14/2011	952.66	799.21	984.40	1002.85	712.82	568.27
8/15/2011	944.12	778.32	945.73	994.46	657.25	628.87
8/16/2011	952.14	766.73	936.28	988.26	586.54	606.85
8/17/2011	967.52	763.60	964.89	976.37	524.66	530.72
8/18/2011	963.52	766.04	962.04	1039.17	574.93	565.46
8/19/2011	960.66	804.93	1060.41	1043.38	571.89	562.21
8/20/2011	957.33	748.73	943.04	1022.05	607.13	564.33
8/21/2011	953.35	749.90	927.47	986.34	557.05	545.53
8/22/2011	949.64	752.07	929.33	986.23	574.58	567.05
8/23/2011	955.69	740.19	913.18	984.42	604.85	581.61
8/24/2011	1022.51	753.01	928.05	972.74	591.54	591.72
8/25/2011	1053.18	801.01	997.78	989.49	619.40	573.10
8/26/2011	1000.90	825.50	986.84	1025.84	694.03	655.67
8/27/2011	954.66	820.99	934.80	1007.29	679.90	693.70
8/28/2011	950.14	811.67	893.77	946.96	602.13	658.46
8/29/2011	945.60	807.37	890.21	932.66	593.25	604.38
8/30/2011	798.83	801.75	881.41	917.93	584.59	588.46
8/31/2011	704.01	668.56	734.66	872.49	560.28	560.53

Table B-5: Mean Daily Flow Summary of Processed EBID River Gage Data

EBID data from Table B-4 processed to eliminate gaps and spurious numbers (i.e., large negative values).

Cells highlighted in grey represent large negative numbers in the data that were replaced with interpolated values

Values at Caballo used to define the upstream inflow to the HEC-RAS model (with 25 cfs minimum discharge for numerical stability).

Values at Leasburg and Mesilla are used in 2012 unsteady model calibration.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Blw Mesilla (CFS)	Anthony (CFS)
9/1/2011	871.05	649.11	643.79	716.67	496.20	441.82
9/2/2011	969.40	711.20	807.76	781.52	653.57	532.65
9/3/2011	974.67	742.21	869.59	901.25	820.99	575.10
9/4/2011	977.28	760.13	833.95	907.45	825.70	580.06
9/5/2011	985.40	849.55	971.59	972.00	869.56	579.79
9/6/2011	993.25	781.83	794.23	953.99	910.17	868.99
9/7/2011	1000.14	788.12	757.57	916.77	802.75	1057.48
9/8/2011	1004.85	795.73	729.07	911.78	780.00	1059.20
9/9/2011	992.69	815.89	726.79	896.67	780.74	1015.39
9/10/2011	405.56	813.68	703.13	886.65	776.88	1026.16
9/11/2011	0.00	404.02	377.28	800.71	710.54	1109.38
9/12/2011	0.00	267.83	207.37	475.46	216.46	834.28
9/13/2011	0.00	262.74	203.90	361.79	98.88	391.26
9/14/2011	0.00	330.34	196.63	314.83	89.19	303.49
9/15/2011	0.00	397.94	189.35	267.86	79.50	215.71
9/16/2011	0.00	401.58	181.65	214.38	78.39	231.18
9/17/2011	0.00	398.61	169.79	183.83	77.99	255.08
9/18/2011	0.00	432.27	154.88	165.19	77.23	278.09
9/19/2011	0.00	525.02	135.29	145.12	76.92	300.46
9/20/2011	0.00	441.49	112.51	129.26	76.08	320.23
9/21/2011	0.00	243.95	86.26	112.97	75.42	338.30
9/22/2011	0.00	97.76	53.29	108.13	75.35	352.37
9/23/2011	0.00	14.27	14.58	47.28	31.29	360.04
9/24/2011	0.00	5.14	7.02	0.00	0.04	363.52
9/25/2011	0.00	3.37	6.92	0.00	0.02	354.48
9/26/2011	0.00	2.05	6.90	1.69	0.02	329.19
9/27/2011	0.00	1.12	6.90	4.50	0.00	292.16
9/28/2011	0.00	0.51	6.97	6.03	0.00	223.42
9/29/2011	0.00	0.17	6.90	7.88	0.00	57.62
9/30/2011	0.00	0.03	6.92	10.13	0.00	0.00
10/1/2011	0.00	0.22	6.88	12.79	0.00	0.00
10/2/2011	0.00	0.42	6.86	15.88	0.00	0.00
10/3/2011	0.00	0.61	6.90	19.44	0.00	0.00
10/4/2011	0.00	0.81	6.90	23.52	0.00	0.00
10/5/2011	0.00	1.00	6.87	28.04	0.00	0.00
10/6/2011	0.00	1.20	6.86	33.14	0.00	0.00
10/7/2011	0.00	1.39	6.80	38.82	0.00	0.00
10/8/2011	0.00	1.58	6.81	45.20	0.00	0.00
10/9/2011	0.00	1.78	6.82	52.30	0.00	0.00
10/10/2011	0.00	1.97	6.69	60.10	0.00	0.00
10/11/2011	0.00	2.17	6.60	68.65	0.00	0.00
10/12/2011	0.00	2.36	6.61	77.99	0.00	0.00
10/13/2011	0.00	2.55	6.60	88.12	0.00	0.00
10/14/2011	0.00	2.75	6.58	99.10	0.00	0.00
10/15/2011	0.00	2.94	6.60	110.89	0.00	0.00
10/16/2011	0.00	3.14	6.60	123.61	0.00	0.00
10/17/2011	0.00	3.33	6.59	137.26	0.00	0.00
10/18/2011	0.00	3.53	6.56	151.85	0.00	0.00
10/19/2011	0.00	3.72	6.53	167.42	0.00	0.00
10/20/2011	0.00	3.91	6.57	183.97	0.00	0.00
10/21/2011	0.00	17.86	6.59	201.54	0.00	0.00
10/22/2011	0.00	47.97	6.60	219.85	0.00	0.00
10/23/2011	0.00	99.57	6.55	238.75	0.00	0.00
10/24/2011	0.00	177.65	6.52	259.38	0.00	0.00
10/25/2011	0.00	286.93	6.56	280.80	0.00	0.00
10/26/2011	0.00	429.90	2.84	296.72	0.00	0.00
10/27/2011	0.00	616.99	0.00	277.23	0.00	0.00
10/28/2011	0.00	846.39	0.00	253.19	0.00	0.00
10/29/2011	0.00	1124.24	0.00	230.41	0.00	0.00
10/30/2011	0.00	1454.56	0.00	208.94	0.00	0.00
10/31/2011	0.00	1841.31	0.00	188.53	0.00	0.00
11/1/2011	0.00	2288.35	0.00	169.48	0.00	0.00
11/2/2011	0.00	2652.30	0.00	151.62	0.00	0.00
11/3/2011	0.00	0.00	0.00	134.50	0.00	0.00
11/4/2011	0.00	0.00	0.00	118.35	0.00	0.00
11/5/2011	0.00	0.00	0.00	103.07	0.00	0.00
11/6/2011	0.00	0.00	0.00	88.41	0.00	0.00
11/7/2011	0.00	0.00	0.00	74.10	0.00	0.00
11/8/2011	0.00	0.00	0.00	59.54	0.00	0.00
11/9/2011	0.00	0.00	0.00	16.57	0.00	0.00
11/10/2011	0.00	0.00	0.00	0.00	0.00	0.00
11/11/2011	0.00	0.00	0.00	0.00	0.00	0.00
11/12/2011	0.00	0.00	0.00	0.00	0.00	0.00
11/13/2011	0.00	0.00	0.00	0.00	0.00	0.00
11/14/2011	0.00	0.00	0.00	0.00	0.00	0.00
11/15/2011	0.00	0.03	0.00	0.00	0.00	0.00

Table B-5: Mean Daily Flow Summary of Processed EBID River Gage Data

EBID data from Table B-4 processed to eliminate gaps and spurious numbers (i.e., large negative values).

Cells highlighted in grey represent large negative numbers in the data that were replaced with interpolated values

Values at Caballo used to define the upstream inflow to the HEC-RAS model (with 25 cfs minimum discharge for numerical stability).

Values at Leasburg and Mesilla are used in 2012 unsteady model calibration.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Blw Mesilla (CFS)	Anthony (CFS)
11/16/2011	0.00	0.06	0.00	0.00	0.00	0.00
11/17/2011	0.00	0.09	0.00	0.01	0.00	0.00
11/18/2011	0.00	0.12	0.00	0.01	0.00	0.00
11/19/2011	0.00	0.14	0.00	0.01	0.00	0.00
11/20/2011	0.00	0.17	0.00	0.01	0.00	0.00
11/21/2011	0.00	0.20	0.00	0.02	0.00	0.00
11/22/2011	0.00	0.23	0.00	0.02	0.00	0.00
11/23/2011	0.00	0.26	0.00	0.03	0.00	0.00
11/24/2011	0.00	0.29	0.00	0.04	0.00	0.00
11/25/2011	0.00	0.32	0.00	0.04	0.00	0.00
11/26/2011	0.00	0.35	0.00	0.06	0.00	0.00
11/27/2011	0.00	0.37	0.00	0.07	0.00	0.00
11/28/2011	0.00	0.40	0.00	0.08	0.00	0.00
11/29/2011	0.00	0.43	0.00	0.09	0.00	0.00
11/30/2011	0.00	0.46	0.00	0.11	0.00	0.00
12/1/2011	0.00	0.49	0.00	0.13	0.00	0.00
12/2/2011	0.00	0.52	0.00	0.14	0.00	0.00
12/3/2011	0.00	0.55	0.00	0.16	0.00	0.00
12/4/2011	0.00	0.58	0.00	0.18	0.00	0.00
12/5/2011	0.00	0.60	0.00	0.21	0.00	0.00
12/6/2011	0.00	0.63	0.00	0.24	0.00	0.00
12/7/2011	0.00	0.66	0.00	0.26	0.00	0.00
12/8/2011	0.00	0.69	0.00	0.29	0.00	0.00
12/9/2011	0.00	0.72	0.00	0.33	0.00	0.00
12/10/2011	0.00	0.75	0.00	0.37	0.00	0.00
12/11/2011	0.00	4.72	0.00	0.40	0.00	0.00
12/12/2011	0.00	14.45	0.00	0.45	0.00	0.00
12/13/2011	0.00	32.16	0.00	0.49	0.00	0.00
12/14/2011	0.00	59.91	0.00	0.54	0.00	0.00
12/15/2011	0.00	99.63	0.00	0.59	0.00	0.00
12/16/2011	0.00	153.17	0.00	0.64	0.00	0.00
12/17/2011	0.00	222.32	0.00	0.70	0.00	0.00
12/18/2011	0.00	308.81	0.00	0.76	0.00	0.00
12/19/2011	0.00	414.32	0.00	0.83	0.00	0.00
12/20/2011	0.00	540.48	0.00	0.89	0.00	0.00
12/21/2011	0.00	688.90	0.00	0.96	0.00	0.00
12/22/2011	0.00	861.16	0.00	1.04	0.00	0.00
12/23/2011	0.00	1058.80	0.00	1.12	0.00	0.00
12/24/2011	0.00	1283.63	0.00	1.20	0.00	0.00
12/25/2011	0.00	1536.30	0.00	1.29	0.00	0.00
12/26/2011	0.00	1819.03	0.00	1.38	0.00	0.00
12/27/2011	0.00	2133.13	0.00	1.48	0.00	0.00
12/28/2011	0.00	2479.97	0.00	1.58	0.00	0.00
12/29/2011	0.00	2860.98	0.00	1.68	0.00	0.00
12/30/2011	0.00	3277.55	0.00	1.79	0.00	0.00
12/31/2011	0.00	3731.07	0.00	1.90	0.00	0.00
1/1/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/2/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/3/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/4/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/5/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/6/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/7/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/8/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/9/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/10/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/11/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/12/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/13/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/14/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/15/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/16/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/17/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/18/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/19/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/20/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/21/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/22/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/23/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/24/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/25/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/26/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/27/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/28/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/29/2012	0.00	0.00	0.00	0.00	0.00	0.00
1/30/2012	0.00	0.00	0.00	0.00	0.00	0.00

Table B-5: Mean Daily Flow Summary of Processed EBID River Gage Data

EBID data from Table B-4 processed to eliminate gaps and spurious numbers (i.e., large negative values).

Cells highlighted in grey represent large negative numbers in the data that were replaced with interpolated values

Values at Caballo used to define the upstream inflow to the HEC-RAS model (with 25 cfs minimum discharge for numerical stability).

Values at Leasburg and Mesilla are used in 2012 unsteady model calibration.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Blw Mesilla (CFS)	Anthony (CFS)
1/31/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/1/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/2/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/3/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/4/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/5/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/6/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/7/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/8/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/9/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/10/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/11/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/12/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/13/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/14/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/15/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/16/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/17/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/18/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/19/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/20/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/21/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/22/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/23/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/24/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/25/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/26/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/27/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/28/2012	0.00	0.00	0.00	0.00	0.00	0.00
2/29/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/1/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/2/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/3/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/4/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/5/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/6/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/7/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/8/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/9/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/10/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/11/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/12/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/13/2012	0.00	0.00	5.08	0.00	0.00	0.00
3/14/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/15/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/16/2012	0.00	0.00	0.00	0.00	3.30	0.00
3/17/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/18/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/19/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/20/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/21/2012	0.00	0.00	5.63	0.00	0.00	0.00
3/22/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/23/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/24/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/25/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/26/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/27/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/28/2012	0.00	0.00	0.00	0.00	0.00	0.00
3/29/2012	0.00	0.01	1.00	0.00	124.39	0.00
3/30/2012	0.00	0.00	1.83	0.00	183.93	0.00
3/31/2012	0.00	0.00	1.84	0.01	5.60	0.00
4/1/2012	436.26	0.00	1.80	0.01	5.48	0.00
4/2/2012	1217.28	284.65	1.79	0.01	5.61	0.00
4/3/2012	1213.91	930.58	346.75	33.31	5.35	0.00
4/4/2012	1351.60	1029.91	899.43	598.33	149.76	0.00
4/5/2012	1526.16	1266.22	1102.90	812.95	599.09	30.14
4/6/2012	1491.28	1320.66	1258.45	1067.83	985.80	471.64
4/7/2012	1441.32	1309.33	1248.33	1128.66	1036.63	757.23
4/8/2012	1433.73	1286.18	1227.32	1134.65	1048.11	796.80
4/9/2012	1426.80	1273.72	1228.21	1153.36	1078.75	836.97
4/10/2012	1419.98	1295.27	1241.03	1190.85	1085.20	916.71
4/11/2012	1412.06	1321.85	1244.87	1226.11	1093.98	987.48
4/12/2012	1404.13	1329.42	1248.07	1246.59	1029.16	933.06
4/13/2012	1198.63	1258.24	1259.23	1205.63	999.23	826.53
4/14/2012	973.62	950.15	1032.52	1089.51	954.23	819.38
4/15/2012	974.50	838.89	896.11	844.66	626.27	564.28

Table B-5: Mean Daily Flow Summary of Processed EBID River Gage Data

EBID data from Table B-4 processed to eliminate gaps and spurious numbers (i.e., large negative values).

Cells highlighted in grey represent large negative numbers in the data that were replaced with interpolated values

Values at Caballo used to define the upstream inflow to the HEC-RAS model (with 25 cfs minimum discharge for numerical stability).

Values at Leasburg and Mesilla are used in 2012 unsteady model calibration.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Blw Mesilla (CFS)	Anthony (CFS)
4/16/2012	975.24	768.93	913.14	787.78	645.57	442.87
4/17/2012	975.85	778.02	914.40	766.74	695.24	486.36
4/18/2012	976.77	789.73	899.52	775.10	671.08	514.20
4/19/2012	931.19	809.13	884.01	781.96	662.64	496.52
4/20/2012	844.78	778.57	831.41	777.91	663.69	488.75
4/21/2012	813.34	737.98	767.17	740.94	591.77	460.19
4/22/2012	815.93	731.71	743.90	698.41	536.36	399.05
4/23/2012	818.18	742.10	743.65	684.53	522.16	369.31
4/24/2012	828.11	735.44	736.84	680.65	509.84	370.02
4/25/2012	900.35	735.70	742.39	677.49	479.21	370.25
4/26/2012	941.78	788.61	800.30	680.75	469.53	370.30
4/27/2012	1012.25	831.89	824.63	700.77	559.37	406.77
4/28/2012	899.84	761.00	769.76	705.13	590.93	440.99
4/29/2012	801.88	697.11	676.21	665.31	520.23	421.65
4/30/2012	804.21	664.21	618.39	602.23	556.14	420.46
5/1/2012	806.32	649.22	621.28	583.10	549.92	435.05
5/2/2012	836.23	641.46	631.74	572.12	569.27	418.32
5/3/2012	856.33	694.85	642.69	564.61	566.24	401.34
5/4/2012	447.07	756.10	640.66	566.69	549.71	400.50
5/5/2012	142.18	471.65	410.29	528.65	501.89	400.50
5/6/2012	143.59	391.69	152.20	305.40	146.68	272.89
5/7/2012	115.08	399.11	154.13	195.60	64.74	83.49
5/8/2012	57.78	457.08	178.69	158.78	55.72	43.58
5/9/2012	0.00	556.93	185.58	159.03	53.66	40.92
5/10/2012	0.00	538.99	183.98	158.99	50.06	39.71
5/11/2012	0.00	547.55	181.71	158.75	44.88	38.54
5/12/2012	0.00	584.52	174.48	158.75	38.40	37.27
5/13/2012	0.00	629.90	160.65	158.68	29.91	36.70
5/14/2012	0.00	682.65	134.81	152.94	19.06	35.05
5/15/2012	0.00	325.98	90.37	92.79	17.51	34.27
5/16/2012	141.49	45.06	81.08	32.99	18.87	33.79
5/17/2012	157.27	50.89	50.27	63.21	21.85	32.98
5/18/2012	124.97	26.50	19.88	88.19	25.12	32.01
5/19/2012	133.49	110.40	20.22	109.03	32.46	31.36
5/20/2012	133.32	99.00	20.57	127.31	39.48	30.42
5/21/2012	157.15	52.72	20.95	142.68	45.82	30.22
5/22/2012	192.40	41.88	21.32	155.74	52.18	29.04
5/23/2012	191.96	43.02	21.64	166.74	58.40	27.78
5/24/2012	191.45	41.81	22.05	175.87	63.79	26.96
5/25/2012	191.06	42.29	22.40	183.38	69.94	26.25
5/26/2012	190.69	42.40	22.73	189.66	75.88	25.35
5/27/2012	190.40	42.52	23.12	194.21	81.69	24.37
5/28/2012	190.48	42.48	23.22	197.88	87.06	24.01
5/29/2012	1431.35	39.65	23.95	200.07	92.50	22.83
5/30/2012	1338.70	838.69	390.87	201.51	97.42	22.31
5/31/2012	1206.61	863.54	835.83	477.41	102.17	21.70
6/1/2012	1384.51	869.65	777.94	722.32	106.50	21.39
6/2/2012	1583.18	1089.34	876.97	738.43	111.91	21.16
6/3/2012	1580.45	1154.18	976.29	841.38	198.23	20.99
6/4/2012	1577.59	1213.16	1018.70	864.04	286.29	56.71
6/5/2012	1748.58	1343.02	1106.28	911.07	338.01	131.27
6/6/2012	1893.23	1554.37	1349.45	1042.75	366.46	167.68
6/7/2012	1919.11	1621.30	1392.93	1206.56	507.38	246.83
6/8/2012	2084.85	1683.35	1290.92	1220.12	503.95	313.16
6/9/2012	2185.15	1895.09	1465.68	1245.13	470.57	288.80
6/10/2012	2171.15	1935.25	1566.27	1364.64	641.24	447.66
6/11/2012	2082.85	1960.57	1648.22	1466.49	813.34	598.23
6/12/2012	2029.88	1937.28	1554.01	1430.63	806.69	697.68
6/13/2012	1933.48	1944.47	1507.45	1354.16	841.12	756.85
6/14/2012	1766.23	1772.32	1380.88	1283.23	787.19	766.77
6/15/2012	1754.64	1638.71	1248.62	1202.12	600.74	606.02
6/16/2012	1780.31	1652.69	1315.94	1204.34	579.82	463.26
6/17/2012	1781.42	1599.70	1313.08	1228.85	563.21	515.49
6/18/2012	1689.81	1537.91	1331.98	1251.57	514.24	457.92
6/19/2012	1675.03	1401.20	1218.01	1224.82	481.62	459.15
6/20/2012	1723.27	1463.63	1243.15	1145.11	517.39	440.42
6/21/2012	1755.58	1442.53	1187.62	1178.46	514.53	461.86
6/22/2012	1749.50	1480.89	1222.79	1200.90	476.60	456.99
6/23/2012	1731.04	1480.05	1246.01	1250.85	504.07	446.50
6/24/2012	1734.32	1524.05	1237.15	1274.72	454.86	427.71
6/25/2012	1754.53	1539.93	1239.50	1301.06	488.58	413.63
6/26/2012	1768.20	1587.52	1303.42	1313.41	460.72	430.42
6/27/2012	1685.71	1590.25	1331.57	1334.98	536.40	430.61
6/28/2012	1582.37	1492.81	1238.00	1288.76	509.45	455.87
6/29/2012	1615.10	1474.77	1177.22	1208.54	382.63	391.65
6/30/2012	1642.63	1508.71	1177.61	1197.75	367.90	302.88

Table B-5: Mean Daily Flow Summary of Processed EBID River Gage Data

EBID data from Table B-4 processed to eliminate gaps and spurious numbers (i.e., large negative values).

Cells highlighted in grey represent large negative numbers in the data that were replaced with interpolated values

Values at Caballo used to define the upstream inflow to the HEC-RAS model (with 25 cfs minimum discharge for numerical stability).

Values at Leasburg and Mesilla are used in 2012 unsteady model calibration.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Blw Mesilla (CFS)	Anthony (CFS)
7/1/2012	1645.69	1505.04	1166.55	1201.91	443.86	320.33
7/2/2012	1662.00	1511.55	1178.59	1184.23	459.73	347.71
7/3/2012	1566.00	1508.09	1205.65	1179.65	486.11	369.72
7/4/2012	1507.00	1435.65	1143.81	1163.16	545.87	422.87
7/5/2012	1413.00	1435.21	1139.84	1099.11	555.71	461.99
7/6/2012	1294.59	1318.85	1010.81	1041.51	593.39	522.23
7/7/2012	1185.60	1475.42	1151.33	1022.73	535.08	467.70
7/8/2012	1083.37	1344.01	1051.38	1026.32	750.48	642.10
7/9/2012	1092.21	1257.77	903.74	886.24	590.52	612.96
7/10/2012	938.38	1243.52	902.80	836.32	538.27	506.57
7/11/2012	814.01	1068.30	770.72	797.73	522.20	464.44
7/12/2012	859.01	1049.89	689.14	735.04	332.67	360.14
7/13/2012	927.51	1079.21	691.03	742.69	337.11	274.06
7/14/2012	979.36	1120.17	718.39	745.31	300.18	262.72
7/15/2012	1024.26	1156.33	765.61	776.39	280.37	229.08
7/16/2012	1410.17	1191.56	790.10	824.04	324.33	227.72
7/17/2012	1764.87	1492.66	1082.79	969.67	403.73	268.29
7/18/2012	1917.72	1625.72	1292.62	1233.35	576.31	432.26
7/19/2012	1966.70	1727.22	1450.40	1375.33	650.06	572.37
7/20/2012	1953.13	1732.04	1431.32	1443.73	579.26	513.54
7/21/2012	1940.22	1727.53	1397.75	1451.44	548.24	394.68
7/22/2012	1926.97	1727.69	1387.65	1456.94	546.33	325.78
7/23/2012	1951.59	1732.58	1387.68	1479.73	549.90	306.61
7/24/2012	1969.27	1766.11	1391.49	1506.06	610.59	295.50
7/25/2012	1922.52	1761.98	1391.18	1552.49	680.43	361.36
7/26/2012	1870.32	1706.62	1348.19	1549.36	641.81	359.38
7/27/2012	1854.89	1633.43	1258.12	1493.57	629.29	308.34
7/28/2012	1785.91	1622.97	1251.06	1449.33	613.76	267.75
7/29/2012	1737.60	1599.69	1216.44	1434.00	593.32	224.97
7/30/2012	1800.14	1596.39	1216.11	1422.48	559.70	183.15
7/31/2012	1948.16	1636.72	1283.89	1429.91	584.06	136.11
8/1/2012	1931.97	1697.95	1323.94	1428.01	564.79	136.24
8/2/2012	1824.30	1651.85	1296.68	1448.57	638.53	137.70
8/3/2012	1731.95	1542.33	1191.03	1378.75	520.67	109.43
8/4/2012	1706.21	1515.55	1173.22	1329.22	420.53	57.40
8/5/2012	1695.22	1501.53	1177.89	1314.53	433.13	34.57
8/6/2012	1749.55	1497.74	1164.32	1309.29	416.08	24.95
8/7/2012	1854.00	1576.88	1197.83	1313.42	448.47	17.07
8/8/2012	1928.61	1631.10	1270.31	1349.63	556.44	27.95
8/9/2012	1946.56	1707.20	1289.04	1373.27	600.24	34.36
8/10/2012	2028.08	1671.53	1266.08	1331.99	471.68	23.70
8/11/2012	2111.28	1800.13	1420.21	1341.98	459.71	10.86
8/12/2012	2079.23	1804.83	1446.87	1419.44	645.39	20.57
8/13/2012	2070.47	1786.92	1436.68	1385.75	602.97	19.67
8/14/2012	1319.78	1735.74	1462.29	1386.00	596.35	13.36
8/15/2012	951.94	1197.97	972.61	1145.90	569.00	11.16
8/16/2012	953.59	1189.18	1002.01	1047.37	759.01	15.69
8/17/2012	956.07	1147.37	953.72	1024.71	711.53	20.38
8/18/2012	955.19	1139.71	947.14	1024.50	697.74	10.56
8/19/2012	953.01	1160.25	935.99	1020.23	682.71	6.02
8/20/2012	950.36	1156.08	966.11	1055.32	739.05	5.18
8/21/2012	947.93	1121.78	935.29	1019.68	716.79	6.54
8/22/2012	945.68	1117.47	939.33	1021.93	731.15	6.71
8/23/2012	848.26	1165.24	931.42	1035.32	708.54	5.06
8/24/2012	735.47	1036.33	887.94	1090.80	784.66	5.19
8/25/2012	736.89	986.27	723.91	920.52	520.63	5.51
8/26/2012	738.60	983.73	731.56	916.28	511.84	0.24
8/27/2012	740.21	977.71	735.88	913.65	520.12	0.25
8/28/2012	702.63	969.39	741.28	903.88	481.63	0.09
8/29/2012	679.27	931.26	715.66	883.38	457.55	0.04
8/30/2012	681.34	921.23	693.42	843.35	384.38	248.43
8/31/2012	681.56	932.49	690.43	835.49	364.20	352.69
9/1/2012	679.57	931.67	686.91	826.93	362.06	343.91
9/2/2012	676.61	929.84	684.21	819.28	353.39	330.58
9/3/2012	577.92	930.04	682.74	816.42	347.05	327.58
9/4/2012	508.21	838.53	614.98	793.42	369.51	328.04
9/5/2012	505.79	808.72	556.44	709.34	410.46	335.09
9/6/2012	500.52	823.33	554.39	689.46	438.73	408.28
9/7/2012	494.72	842.55	545.86	671.63	434.90	389.17
9/8/2012	490.89	823.86	731.54	793.32	611.56	409.23
9/9/2012	484.96	789.75	597.47	724.92	521.85	563.11
9/10/2012	477.43	780.95	571.01	692.20	474.32	425.02
9/11/2012	469.75	769.38	555.08	677.18	463.95	390.31
9/12/2012	461.55	753.52	536.71	671.72	451.72	383.27
9/13/2012	226.74	748.18	525.35	659.41	436.71	373.94
9/14/2012	0.00	534.81	392.96	636.09	417.84	360.06

Table B-5: Mean Daily Flow Summary of Processed EBID River Gage Data

EBID data from Table B-4 processed to eliminate gaps and spurious numbers (i.e., large negative values).

Cells highlighted in grey represent large negative numbers in the data that were replaced with interpolated values

Values at Caballo used to define the upstream inflow to the HEC-RAS model (with 25 cfs minimum discharge for numerical stability).

Values at Leasburg and Mesilla are used in 2012 unsteady model calibration.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Blw Mesilla (CFS)	Anthony (CFS)
9/15/2012	0.00	0.00	160.78	450.78	195.96	296.86
9/16/2012	0.00	0.00	112.57	358.68	49.91	129.94
9/17/2012	0.00	0.00	88.36	316.99	14.17	80.61
9/18/2012	0.00	0.00	75.04	287.10	0.00	31.47
9/19/2012	0.00	0.00	66.13	256.66	0.00	0.00
9/20/2012	0.00	0.00	59.01	225.47	0.00	0.00
9/21/2012	0.00	0.00	57.88	195.35	0.00	0.00
9/22/2012	0.00	0.00	57.61	75.45	0.00	0.00
9/23/2012	0.00	0.00	56.44	0.00	0.00	0.00
9/24/2012	0.00	0.00	52.46	0.00	0.00	0.00
9/25/2012	0.00	0.00	46.90	0.00	0.00	0.00
9/26/2012	0.00	0.00	45.23	0.00	0.00	0.00
9/27/2012	0.00	0.00	45.28	0.00	0.00	0.00
9/28/2012	0.00	0.00	45.31	0.00	0.34	0.00
9/29/2012	0.00	0.00	45.25	0.00	0.00	0.00
9/30/2012	0.00	0.00	37.99	0.00	0.00	0.00
10/1/2012	0.00	0.00	29.95	0.00	0.00	0.00
10/2/2012	0.00	0.00	29.93	0.00	0.00	0.00
10/3/2012	0.00	0.00	29.94	0.00	0.00	0.00
10/4/2012	0.00	0.00	29.94	0.00	0.00	0.00
10/5/2012	0.00	0.00	29.90	0.00	0.00	0.00
10/6/2012	0.00	0.00	29.85	0.00	0.00	0.00
10/7/2012	0.00	0.00	29.82	0.00	0.00	0.00
10/8/2012	0.00	0.00	29.84	0.00	0.00	0.00
10/9/2012	0.00	0.00	29.96	0.00	0.00	0.00
10/10/2012	0.00	0.00	29.84	0.00	0.00	0.00
10/11/2012	0.00	0.00	29.82	0.00	0.00	0.00
10/12/2012	0.00	0.00	29.81	0.00	0.00	0.00
10/13/2012	0.00	0.00	29.85	0.00	0.00	0.00
10/14/2012	0.00	0.00	29.90	0.00	0.00	0.00
10/15/2012	0.00	0.00	29.90	0.00	0.00	0.00
10/16/2012	0.00	0.00	29.90	0.00	0.00	0.00
10/17/2012	0.00	0.00	29.96	0.00	0.00	0.00
10/18/2012	0.00	0.00	29.94	0.00	0.00	0.00
10/19/2012	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012	0.00	0.00	0.00	0.00	0.00	0.00
10/21/2012	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012	0.00	0.00	29.81	0.00	0.00	0.00
10/23/2012	0.00	0.00	29.86	0.00	0.00	0.00
10/24/2012	0.00	0.00	29.83	0.00	0.00	0.00
10/25/2012	0.00	0.00	29.88	0.00	0.00	0.00
10/26/2012	0.00	0.00	29.82	0.00	0.00	0.00
10/27/2012	0.00	0.00	29.81	0.00	0.00	0.00
10/28/2012	0.00	0.00	29.84	0.00	0.00	0.00
10/29/2012	0.00	0.00	29.83	0.00	0.00	0.00
10/30/2012	0.00	0.00	29.86	0.00	0.00	0.00
10/31/2012	0.00	0.00	29.88	0.00	0.00	0.00
11/1/2012	0.00	0.00	29.89	0.00	0.00	0.00
11/2/2012	0.00	0.00	29.84	0.00	0.00	0.00
11/3/2012	0.00	0.00	29.86	0.00	0.00	0.00
11/4/2012	0.00	0.00	29.88	0.00	0.00	0.00
11/5/2012	0.00	0.00	29.87	0.00	0.00	0.00
11/6/2012	0.00	0.00	29.86	0.00	0.00	0.00
11/7/2012	0.00	0.00	30.18	0.00	0.00	0.00
11/8/2012	0.00	0.00	30.32	0.00	0.00	0.00
11/9/2012	0.00	0.00	30.34	0.00	0.00	0.00
11/10/2012	0.00	0.00	30.31	0.00	0.00	0.00
11/11/2012	0.00	0.00	30.31	0.00	0.00	0.00
11/12/2012	0.00	0.00	30.30	0.00	0.00	0.00
11/13/2012	0.00	0.00	30.29	0.00	0.00	0.00
11/14/2012	0.00	0.00	30.31	0.00	0.00	0.00
11/15/2012	0.00	0.00	30.31	0.00	0.00	0.00
11/16/2012	0.00	0.00	30.32	0.00	0.00	0.00
11/17/2012	0.00	0.00	30.32	0.00	0.00	0.00
11/18/2012	0.00	0.00	30.31	0.00	0.00	0.00
11/19/2012	0.00	0.00	30.30	0.00	0.00	0.00
11/20/2012	0.00	0.00	30.34	0.00	0.00	0.00
11/21/2012	0.00	0.00	30.33	0.00	0.00	0.00
11/22/2012	0.00	0.00	30.41	0.00	0.00	0.00
11/23/2012	0.00	0.00	30.36	0.00	0.00	0.00
11/24/2012	0.00	0.00	30.30	0.00	0.00	0.00
11/25/2012	0.00	0.00	30.32	0.00	0.00	0.00
11/26/2012	0.00	0.00	30.38	0.00	0.00	0.00
11/27/2012	0.00	0.00	30.31	0.00	0.00	0.00
11/28/2012	0.00	0.00	30.32	0.00	0.00	0.00
11/29/2012	0.00	0.00	30.34	0.00	0.00	0.00

Table B-5: Mean Daily Flow Summary of Processed EBID River Gage Data

EBID data from Table B-4 processed to eliminate gaps and spurious numbers (i.e., large negative values).

Cells highlighted in grey represent large negative numbers in the data that were replaced with interpolated values

Values at Caballo used to define the upstream inflow to the HEC-RAS model (with 25 cfs minimum discharge for numerical stability).

Values at Leasburg and Mesilla are used in 2012 unsteady model calibration.

Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Blw Mesilla (CFS)	Anthony (CFS)
11/30/2012	0.00	0.00	30.36	0.00	0.00	0.00

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcdis); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
1/1/2010	0.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/2/2010	0.93	2.9	1.5	0.0	0.0	0.0	0.0	0.0
1/3/2010	1.08	2.0	2.6	10.1	5.6	0.0	0.0	5.0
1/4/2010	1.12	1.8	3.3	6.9	14.2	10.6	65.7	69.1
1/5/2010	1.09	1.8	3.3	6.9	14.6	11.9	95.5	104.4
1/6/2010	1.13	1.7	3.3	7.0	14.5	12.1	95.9	104.9
1/7/2010	1.08	1.8	3.3	6.9	14.5	12.1	96.4	105.5
1/8/2010	1.01	1.8	3.3	6.8	14.5	12.1	96.4	105.6
1/9/2010	0.95	1.8	3.3	6.8	14.4	12.1	97.0	106.2
1/10/2010	0.98	1.8	3.3	6.8	14.4	11.9	97.4	106.5
1/11/2010	1.07	1.8	3.3	6.8	14.4	12.0	95.6	104.9
1/12/2010	1.13	1.8	3.3	7.0	14.5	12.0	93.7	103.0
1/13/2010	1.11	1.8	3.3	7.2	14.7	12.1	94.4	103.5
1/14/2010	1.06	1.8	3.3	7.3	14.8	12.3	96.3	105.4
1/15/2010	0.97	1.8	3.3	7.3	14.9	12.4	96.6	105.8
1/16/2010	1.00	1.8	3.3	7.3	14.8	12.4	96.3	105.5
1/17/2010	0.97	1.8	3.3	7.3	14.8	12.3	96.6	105.7
1/18/2010	0.97	1.8	3.3	7.2	14.8	12.4	96.3	105.5
1/19/2010	0.95	1.8	3.2	7.2	14.7	12.3	90.1	99.7
1/20/2010	0.95	1.8	3.3	7.2	14.7	12.3	93.1	101.9
1/21/2010	1.07	1.8	3.2	7.1	14.7	12.4	97.0	106.0
1/22/2010	1.05	1.8	3.3	7.3	14.7	12.4	98.2	107.4
1/23/2010	1.07	1.7	3.3	7.4	14.9	12.4	102.3	111.1
1/24/2010	1.08	1.7	3.2	7.1	14.8	12.5	100.5	109.8
1/25/2010	1.05	1.8	3.2	6.6	14.4	12.4	99.2	108.3
1/26/2010	0.93	1.7	3.2	6.2	13.9	11.9	98.2	107.4
1/27/2010	46.10	1.7	3.3	6.0	13.6	11.5	98.0	107.2
1/28/2010	88.88	1.6	3.3	6.6	13.9	11.4	100.2	109.2
1/29/2010	88.70	0.0	3.1	6.5	14.2	11.7	101.7	110.8
1/30/2010	89.22	14.4	5.1	5.7	13.8	11.8	41.2	55.2
1/31/2010	89.52	14.6	6.5	9.0	14.8	11.4	20.8	30.5
2/1/2010	89.80	14.9	6.6	9.2	16.5	13.1	19.9	29.7
2/2/2010	90.13	15.2	6.7	9.3	16.7	14.0	21.9	31.5
2/3/2010	52.81	15.4	6.7	9.4	16.8	14.1	22.5	32.2
2/4/2010	0.76	2.1	6.5	9.6	17.0	14.3	24.0	33.6
2/5/2010	0.84	0.9	1.9	8.0	16.9	14.4	24.8	34.4
2/6/2010	0.89	1.7	3.1	5.9	12.9	13.8	25.2	34.8
2/7/2010	0.94	1.7	3.2	6.2	13.8	11.0	24.2	34.1
2/8/2010	0.85	1.7	3.3	6.3	13.9	11.5	82.5	87.3
2/9/2010	0.85	1.7	3.2	6.2	13.9	11.6	94.7	104.4
2/10/2010	1.17	1.7	3.3	4.8	13.4	11.6	91.5	100.8
2/11/2010	1.49	1.7	3.3	4.3	12.1	10.7	92.6	101.7
2/12/2010	1.81	1.7	3.3	4.4	12.3	10.0	91.0	100.4
2/13/2010	2.13	1.7	3.2	5.2	12.7	10.1	92.3	101.3
2/14/2010	2.46	1.6	3.2	5.9	13.6	10.6	93.8	103.0
2/15/2010	2.78	1.6	3.3	2.7	12.5	11.3	29.7	44.5
2/16/2010	3.10	1.6	3.2	4.6	10.5	9.3	72.5	77.2
2/17/2010	3.42	1.7	3.2	5.8	13.8	9.5	95.0	104.2
2/18/2010	3.74	1.7	3.2	5.5	13.5	15.1	94.3	103.5
2/19/2010	4.07	1.7	3.3	6.5	13.9	17.9	87.9	97.7
2/20/2010	4.39	1.7	3.2	7.5	15.2	18.6	94.4	102.9
2/21/2010	4.71	1.7	3.3	7.7	15.6	19.4	99.8	108.8
2/22/2010	5.03	1.7	3.2	7.6	15.5	19.6	102.6	111.6
2/23/2010	5.35	1.7	3.2	7.5	15.6	19.6	104.2	113.3
2/24/2010	11.52	1.7	3.2	7.4	15.5	19.5	105.3	114.3
2/25/2010	10.63	1.7	3.3	7.3	15.3	19.4	108.1	117.0
2/26/2010	124.70	1.7	3.2	7.3	15.4	19.2	109.6	118.6
2/27/2010	95.19	0.4	3.3	7.4	15.5	19.2	110.5	119.5
2/28/2010	95.47	29.9	9.8	7.3	15.5	19.4	112.9	121.8
3/1/2010	97.03	108.49	253.53	237.37	229.57	209.33	286.22	283.37

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcqs); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
3/2/2010	98.32	109.07	252.78	234.18	229.04	214.7	285.92	282.91
3/3/2010	98.65	110.13	252.99	234.04	227.96	212.59	290.59	287.58
3/4/2010	297.45	110.75	253.23	234.18	228.24	212.19	287.86	285.03
3/5/2010	349.75	261.85	255.75	234.41	228.34	212.32	286.98	284.08
3/6/2010	452.87	339.73	332.63	261.14	230.92	212.53	286.7	283.86
3/7/2010	453.08	433.8	397.66	323.65	300.51	230.41	287.19	284.18
3/8/2010	551.69	450.29	423.18	391.28	369.89	295.31	323.38	315.87
3/9/2010	687.37	558.18	499.93	420.46	384.05	353.52	384.81	377.43
3/10/2010	731.66	674.55	634.87	537.61	396.68	362.1	418.06	413.72
3/11/2010	731.54	706.43	688.04	626.56	461.41	417.31	421.38	416.96
3/12/2010	764.89	715.86	691.75	644.66	484.7	454.45	484.35	479.8
3/13/2010	892.21	777.42	724.86	662.04	493.26	459.91	509.43	505.01
3/14/2010	891.27	863.45	842.25	751.49	562.12	492.91	522.16	516.66
3/15/2010	948.64	853.41	843.33	791.96	624.39	602.31	604.35	594.92
3/16/2010	1259.68	911.52	831.92	774.35	607.6	599.68	647.91	643.27
3/17/2010	1324.99	1089.21	1044.88	923.88	706.12	607.39	634.48	630.1
3/18/2010	1220.22	1103.7	1106.18	1036.1	846.27	810.47	782.2	769.78
3/19/2010	1135.27	1017.32	1020.81	986.12	822.34	843.51	884.66	877.54
3/20/2010	1197.67	983.8	950.61	906.19	745.01	759.16	820.08	817.08
3/21/2010	1316.31	1065.5	1013.33	927.82	742.28	706.6	742.33	739.3
3/22/2010	1313.52	1139.02	1119.03	1030.76	771.69	741.9	757.3	751.69
3/23/2010	1524.48	1212.03	1136.22	1049.39	767.82	776.15	795.39	788.36
3/24/2010	1877.77	1476.01	1259.69	1140.19	795.91	769.91	762.41	758.2
3/25/2010	1792.04	1635.74	1483.11	1390.66	864.37	813.76	801.24	795.79
3/26/2010	1701.10	1550.19	1396.88	1341.57	805.88	853.84	904.77	897.93
3/27/2010	1702.89	1522.2	1328.29	1261.54	735.79	750.7	803.42	800.02
3/28/2010	1823.37	1594.35	1372.22	1271.15	724.07	671.78	649.1	650.06
3/29/2010	1943.84	1705.53	1488.76	1381.14	821.99	766.77	723.9	712.21
3/30/2010	1978.65	1773.49	1542.79	1455.22	909.49	885.72	886.91	877.6
3/31/2010	1998.65	1782.85	1542.44	1466.87	883.46	897.29	930.06	924.68
4/1/2010	1985.10	1759.43	1508.61	1440.63	801.9	833.86	882.72	879.25
4/2/2010	1887.14	1697.03	1451.23	1395.48	689.53	729.57	809.17	806.24
4/3/2010	1821.29	1625.08	1382.39	1319.96	649.26	656.6	717.08	712.91
4/4/2010	1823.83	1614.36	1363.13	1291.21	652.18	637.51	697.69	692.67
4/5/2010	1935.96	1668.87	1401.12	1310.2	672.05	652.82	702.84	697.88
4/6/2010	2036.03	1761.06	1479.47	1387.77	714.5	687.78	724.05	718.51
4/7/2010	2153.86	1839.71	1556.89	1462.74	748.49	734.79	768.48	761.92
4/8/2010	2166.74	1871.7	1590.22	1510.96	770.43	766.23	804.36	797.74
4/9/2010	1954.11	1795.12	1541.08	1494.41	693.88	731.61	801.93	798.16
4/10/2010	1837.59	1677.94	1419.18	1373.05	574.37	623.26	724.98	722.23
4/11/2010	1840.76	1646.13	1366.58	1304.8	558.38	547.92	618.77	616.04
4/12/2010	1785.65	1623.7	1374.4	1313.74	558.47	542.09	599.93	596.46
4/13/2010	1739.72	1557.26	1295.62	1255.02	560.39	563.1	615.02	608.64
4/14/2010	1718.84	1499.48	1238.22	1194.12	585.43	563.19	618	612.97
4/15/2010	1668.29	1437.19	1171.12	1134.48	575.23	577.45	647.48	642.39
4/16/2010	1416.27	1309.02	1064.7	1053.45	497.81	530.83	624.94	622.16
4/17/2010	1227.70	1127.56	868.58	883.73	306.29	420.36	548.25	546.9
4/18/2010	1232.15	1043.85	765.78	754.48	266.79	277.9	421.63	422.75
4/19/2010	1070.92	1027.4	803.41	757.83	229.58	241.59	339.28	337.28
4/20/2010	1028.66	936.99	703.65	700.96	237.7	241.86	270.45	272.01
4/21/2010	1062.82	927.52	680.72	652.61	206.62	222.54	259.13	256.9
4/22/2010	1007.85	926.29	707.88	666.94	198.67	203.06	214.99	214.84
4/23/2010	959.61	872.09	653.06	642.86	223.01	202.96	198.72	197.51
4/24/2010	937.35	837.71	663.29	625.11	228.41	215.55	223.22	217.6
4/25/2010	938.34	827.79	670.82	634.66	281.16	233.98	221.12	219.53
4/26/2010	973.89	822.72	675.81	653.85	297.46	276.37	264.97	258.45
4/27/2010	1035.17	822.44	665.7	646.09	298.41	293.33	292.42	289.11
4/28/2010	1152.29	873.51	691.03	649.09	286.57	279.34	292.69	290.52
4/29/2010	1277.36	970.98	737.8	689.63	319.15	281.85	271.74	269.46
4/30/2010	1188.99	1033.83	827.35	769.23	318.05	303.1	285.13	280.53

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcdis); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
5/1/2010	1081.18	984.87	794.25	776.67	371.96	349.45	291.66	288.68
5/2/2010	1081.09	936.5	726.12	718.59	332.34	349.67	343.15	339.4
5/3/2010	1138.53	953.48	726.09	696.62	306.62	300.85	331.59	329.64
5/4/2010	1220.67	1004.84	771.13	719.98	315.23	295.99	306.59	303.36
5/5/2010	1292.86	1073.46	838.27	777.35	381.31	325.6	325.91	321.2
5/6/2010	1283.19	1113.33	904.08	848.14	417.56	385.75	354.62	349.05
5/7/2010	1268.98	1097.12	893.04	857.45	393.05	408.78	410.36	404.48
5/8/2010	1296.20	1094.64	864.62	834.29	362.69	368.93	396.41	394.88
5/9/2010	1294.57	1116.58	882.34	839.91	350	337.22	364.18	362.15
5/10/2010	1344.32	1123.54	891.1	850.67	362.55	344.54	337.01	333.89
5/11/2010	1425.52	1156.36	898.08	855.71	359.96	350.58	342.1	338.74
5/12/2010	1600.21	1259.19	960.7	894.1	372.35	344.25	341.91	338.75
5/13/2010	1669.81	1386.18	1088.9	1013.97	459.6	387.37	343.34	338.68
5/14/2010	1610.39	1400.75	1133.76	1084.48	456.3	463.07	425.3	416.11
5/15/2010	1524.50	1363.14	1067.97	1038.44	480.39	477.63	436.01	432.37
5/16/2010	1469.76	1346.73	1079.68	1032.76	539.94	488.64	460.44	456.36
5/17/2010	1511.88	1324.6	1066.23	1025.25	554.05	545.45	513.59	507.09
5/18/2010	1439.31	1277.26	1021.72	1001.33	520.49	532.12	522.51	518.76
5/19/2010	1502.37	1225.31	918.55	903.82	436.49	483.23	489.86	487.24
5/20/2010	1590.00	1264.02	941.76	891.74	348.09	367.46	424.39	424.19
5/21/2010	1535.93	1295.79	981.36	931.46	311.94	323.14	341.99	340.51
5/22/2010	1464.18	1282.02	1009.82	959.97	372.07	327.87	313.72	311.58
5/23/2010	1462.04	1264.76	996.5	957.59	457.27	408.73	347.69	340.66
5/24/2010	1539.61	1287.62	1007.99	958.43	434.11	430.34	435.94	430.46
5/25/2010	1640.21	1353.14	1066.41	1002.66	471.78	427.56	414.56	411.73
5/26/2010	1646.92	1402.3	1121.28	1067.73	495.61	473.09	442.02	436
5/27/2010	1561.08	1372.41	1133.81	1091.38	539.52	511.53	476.53	470.83
5/28/2010	1424.38	1284.89	1051.91	1033.4	501.04	523.96	511.78	506.79
5/29/2010	1363.20	1221.95	975.39	951.78	450.79	462.02	474.2	472.36
5/30/2010	1363.11	1212.23	953.29	920.37	419.15	413.87	430.1	427.84
5/31/2010	1411.03	1199.84	954.17	916.01	404.25	396.46	402.27	399.03
6/1/2010	1501.47	1200.3	932.4	895.79	379.32	387.17	383.96	380.69
6/2/2010	1703.16	1308.22	997.32	921.52	358.48	346.72	372.51	370.09
6/3/2010	1818.40	1488.09	1139.24	1058.57	487.29	386.24	342.96	339.66
6/4/2010	1876.56	1604.53	1240.18	1163.28	524.02	502.06	456.79	446.45
6/5/2010	1920.76	1698.68	1344.81	1262.95	600.99	551.35	497.97	492.29
6/6/2010	1914.78	1744.4	1410.31	1345.45	711.09	669.31	587.87	578.34
6/7/2010	2066.62	1791.79	1423.96	1352.93	758.76	749.69	707.39	699.47
6/8/2010	2158.43	1889.13	1560.83	1472.34	822	780.69	728.35	723.45
6/9/2010	2153.47	1912.75	1618.31	1552.54	889.09	882.95	817.78	809.21
6/10/2010	2090.87	1853.74	1570.19	1525.88	887.13	904.32	872.82	866.45
6/11/2010	2034.66	1793.34	1479.04	1437.93	834.22	868.77	852.53	847.67
6/12/2010	2032.89	1798.95	1461.09	1403.15	766.29	791.04	789.51	786.72
6/13/2010	2033.40	1821.61	1534.15	1460.9	861.46	819.31	749.33	742.63
6/14/2010	2114.28	1850.46	1569.16	1493.37	899.97	901.68	849.09	841.88
6/15/2010	2212.05	1921.2	1588.17	1522.23	932.93	935.09	879.19	871.71
6/16/2010	2139.82	1935.97	1621.95	1567.74	970.34	960.29	903.52	897.05
6/17/2010	2246.92	1952.35	1584.11	1512.93	919.59	958.19	942.91	937.38
6/18/2010	2138.65	1970.97	1660.49	1602.41	915.51	913.95	868.4	864.23
6/19/2010	2090.41	1902.91	1609.73	1553.26	864.37	900.44	887.9	882.91
6/20/2010	2094.08	1885.66	1597.1	1534.77	812.83	835.02	818.42	814.4
6/21/2010	2190.49	1898.99	1605.15	1540.22	806.21	812.15	784.93	779.74
6/22/2010	2277.56	1939.81	1624.75	1554.65	792.07	802.27	778.1	773.15
6/23/2010	2278.77	1981.9	1668.18	1598.04	825.12	812.21	765.13	759.36
6/24/2010	2274.84	1999.01	1663.12	1605.69	816.81	828.27	797.03	791.24
6/25/2010	2360.69	2045.79	1675.53	1601.29	807.56	814.49	779.32	774.29
6/26/2010	2420.83	2127.12	1754.7	1673.62	898.18	866.18	787.61	780.05
6/27/2010	2416.64	2158.13	1799.25	1733.81	978.49	967.31	895.15	886.66
6/28/2010	2372.90	2169.29	1807.09	1736.66	992.63	1004.11	959.5	953.19
6/29/2010	2083.61	2064.36	1780.91	1763.23	1030.39	1033.46	985.16	977.37

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcdis); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
6/30/2010	1734.21	1774.24	1545.46	1562.81	812.21	916.54	975.98	975.32
7/1/2010	1636.94	1535.92	1304.35	1302.63	663.94	719.83	762.76	761.52
7/2/2010	1383.87	1381.14	1204.56	1203.57	634.59	624.68	628.76	627.79
7/3/2010	1191.52	1174.46	992.5	1019.66	581.63	619.67	618.11	613.09
7/4/2010	1331.91	1122.21	880.93	873.54	553.87	545.8	560.64	558.41
7/5/2010	1562.94	1295.6	1042.4	952.59	585.85	513.88	531.64	529.26
7/6/2010	1722.77	1495.11	1227.98	1140.8	745.34	672.79	577.91	568.63
7/7/2010	1997.89	1671.55	1381.7	1287.94	828.17	798.55	735.8	727.28
7/8/2010	2111.78	1836.81	1535.59	1448.36	941.54	905.25	817.86	808.77
7/9/2010	2081.53	1894.7	1601.8	1541.2	857.56	901.09	896.93	892.83
7/10/2010	2101.86	1907.47	1582.46	1529.92	809.22	835.24	827.78	822.45
7/11/2010	1853.50	1848.8	1606.4	1570.04	872.08	843.6	785.91	779.68
7/12/2010	1631.29	1683.15	1454.58	1448.46	836.87	916.84	903.41	894.97
7/13/2010	1680.99	1606.14	1320.25	1295.47	736	786.91	829.81	828.54
7/14/2010	1777.66	1673.01	1354.54	1298.53	769.32	747.19	704.02	700.57
7/15/2010	1909.19	1784.56	1408.79	1345.21	744.38	762.1	744.77	740.67
7/16/2010	1911.10	1830.63	1489.88	1442.74	717.65	725.87	709.91	706.57
7/17/2010	1909.61	1778.92	1471.83	1425.4	688.82	707.26	702.77	697.24
7/18/2010	1907.60	1758.85	1452.38	1405.42	714.62	708.84	668.85	663.15
7/19/2010	2019.61	1749	1457.86	1412.09	711.47	710.42	689.26	684.79
7/20/2010	2103.75	1760.42	1457.8	1400.83	714.09	714.83	692.22	686.79
7/21/2010	2141.25	1815.48	1521.07	1456.94	774.6	748.95	707.18	700.69
7/22/2010	2097.03	1844.06	1561.49	1504.89	733.62	760.42	755.31	751.05
7/23/2010	1994.18	1825.48	1564.19	1518.93	690.59	721.45	719.09	714.53
7/24/2010	1574.36	1636.54	1506.41	1503.04	738.51	753.45	714.29	706.47
7/25/2010	1770.54	1550.66	1249.26	1213.96	612.78	724.25	769.39	764.18
7/26/2010	1247.69	1509.75	1490.71	1467.98	822.13	724.44	627.72	626.53
7/27/2010	1164.39	1179.51	1088.33	1147.68	751.49	925.69	959.63	950.13
7/28/2010	1345.27	1198.72	1016.91	997.97	584.55	640.88	729.81	734.43
7/29/2010	1330.85	1303.05	1172.4	1108.52	620.03	582.6	585.57	583.87
7/30/2010	1243.28	1260.63	1153.38	1130.04	649	686.45	654.99	645.51
7/31/2010	1352.62	1250.57	1097.01	1066.17	569.85	627.68	651.75	648.66
8/1/2010	1353.71	1315.67	1190.82	1137.92	599.18	574.56	564.17	562.42
8/2/2010	1410.81	1338.52	1198.73	1157.28	649.09	654.94	615.72	607.25
8/3/2010	1556.97	1412.25	1221.3	1174.42	640.76	650.58	644.3	639.97
8/4/2010	1765.20	1515.15	1300.43	1235.8	635.36	628.77	623.27	620.07
8/5/2010	1867.47	1607.08	1344.95	1292.04	658.49	657.53	631.89	625.57
8/6/2010	1923.89	1671.16	1368.6	1317.22	615.27	632.43	639.03	635.48
8/7/2010	1971.68	1724.51	1419.76	1356.25	644.02	619.95	600.5	595.6
8/8/2010	1966.56	1757.74	1472.91	1418.17	715.24	686.52	637.61	630.44
8/9/2010	2110.07	1785.19	1483.45	1430.92	729.63	733.78	711.79	705.28
8/10/2010	2175.49	1826.74	1559.89	1503.91	764.71	743.95	722.35	716.94
8/11/2010	2127.44	1816.33	1571.87	1528.57	794.72	800.71	776.13	768.68
8/12/2010	2119.91	1788.35	1527.43	1486.18	735.16	771.27	782.99	778.76
8/13/2010	2058.67	1755.85	1516.13	1473.47	699.62	715.38	714.72	711.41
8/14/2010	1998.51	1740.27	1481.37	1429.12	664.24	694.26	694.5	689.71
8/15/2010	1992.63	1766.63	1526.87	1470.41	750.72	711.2	665.73	659.97
8/16/2010	2038.96	1782.21	1532.5	1475.22	784.19	785.26	761.61	754.17
8/17/2010	2083.25	1821.8	1561.11	1499.24	777.72	785.72	775.89	771.07
8/18/2010	2077.52	1840.07	1575.36	1523.27	759.28	777.86	768.55	763.53
8/19/2010	1980.41	1822.36	1556.81	1512.71	758.41	775.06	760.57	754.87
8/20/2010	2028.06	1807.95	1525.95	1482.24	770.02	778.35	762.2	756.23
8/21/2010	2106.97	1845.52	1539.24	1478.44	777.46	777.33	768.97	763.67
8/22/2010	2099.09	1884.53	1604.88	1544.66	839.06	820.84	777.97	771.49
8/23/2010	1978.58	1821.14	1586.68	1555.59	864.08	872.95	869.68	861.96
8/24/2010	1719.24	1676.33	1550.58	1513.59	838.09	854.93	875.99	871.41
8/25/2010	1522.20	1497.93	1426.45	1426.5	821.09	897.85	902.41	893.54
8/26/2010	1518.80	1356.35	1220.61	1235.71	698.33	783.73	850.13	848.69
8/27/2010	1588.48	1335.09	1162.11	1131.64	606.48	631.07	674.21	675.02
8/28/2010	1609.64	1389.91	1208.03	1158.16	589.99	587.45	595.91	593.69

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcqs); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
8/29/2010	1542.55	1395.88	1257.8	1217.42	573.98	583.04	586.37	582.27
8/30/2010	1447.09	1316.3	1210.9	1202.7	568.65	583.91	579.91	574.13
8/31/2010	1280.22	1178.48	1069.72	1088.52	458.15	525.04	561.08	558.14
9/1/2010	1261.96	1064.43	907.1	926.97	268.09	383	468.32	468.4
9/2/2010	1293.93	1053.26	833.32	832.91	145.44	236.98	347.24	349.15
9/3/2010	1423.97	1094.06	845.22	817.21	128.49	152.45	248.79	249.44
9/4/2010	1638.74	1206.53	916.68	858.64	190.21	150.56	187.67	187.13
9/5/2010	1624.31	1319.22	1080.74	1018.79	370.23	219.9	199.46	194
9/6/2010	1609.57	1310.87	1080.4	1052.42	432.98	432.17	311	293.95
9/7/2010	1657.78	1324.07	1073.05	1038.48	390.76	410.87	434.46	431.43
9/8/2010	1625.65	1342.78	1109.37	1072.67	366.97	365.25	399.21	397.4
9/9/2010	1310.44	1208.54	1061.07	1066.84	370.54	372.06	373.69	370.23
9/10/2010	950.84	925.39	924.93	941.42	362.7	375.75	378.54	375.39
9/11/2010	787.54	718.16	727.78	774.63	411.89	392.26	372.47	370.35
9/12/2010	610.90	657.39	672.9	680.51	408.03	386.49	408.42	404.24
9/13/2010	523.56	555.08	570.17	607.35	431.18	426.16	400.7	394.22
9/14/2010	493.34	499.46	503.61	522.64	354.99	389.26	429.07	426.11
9/15/2010	469.96	471.56	469.35	475.47	306.82	332.52	368.65	367.48
9/16/2010	408.70	442.63	445.14	450.88	268.35	291.37	327.61	326.27
9/17/2010	381.16	390.47	402.5	421.73	236.31	257.82	290.94	289.72
9/18/2010	403.91	367.96	377.75	386.32	197.12	229.82	263.17	261.53
9/19/2010	404.87	387.13	388.17	380.53	221.35	201.83	236.46	235.39
9/20/2010	484.49	396.99	386.45	382.39	239.59	227.21	218.51	215.56
9/21/2010	564.13	477.27	436.17	400.37	212.78	235.69	243.7	240
9/22/2010	562.23	542.54	516.54	472.15	233.86	214.38	243.49	242.04
9/23/2010	402.89	512.85	528.03	518.61	297.49	252.11	229.28	226.32
9/24/2010	279.64	378.66	416.2	467.69	325.21	308.29	278.33	271.84
9/25/2010	278.92	275.99	339.25	375.59	249.55	290.27	311.12	307.01
9/26/2010	277.96	264.88	307.44	319.14	196.68	235.71	267.75	267.77
9/27/2010	277.04	263.97	306.99	308.34	172.35	190.38	235.67	234.49
9/28/2010	347.66	264.59	306.58	306.9	169.16	175.92	188.82	189.33
9/29/2010	467.21	338.58	325.07	306.47	165.2	172.92	182.31	180
9/30/2010	422.43	440.51	407.23	345.87	174.03	169.03	185.84	183.45
10/1/2010	403.74	402.54	415.29	414.43	394.68	199.88	182.42	180.32
10/2/2010	483.32	394.86	389.42	388.04	379.67	381.53	292.1	268.11
10/3/2010	481.16	463.01	433.91	388.85	367.24	359.34	372.47	370.45
10/4/2010	476.24	460.93	450.27	439.27	421.99	372.71	356.22	353.31
10/5/2010	390.71	443.45	446.12	436.42	422.34	406.82	392.24	386.49
10/6/2010	299.31	371.02	394.82	410.53	412.82	403.86	388.17	385.23
10/7/2010	195.10	286.88	341.83	364.3	364.07	371.73	379.07	376.36
10/8/2010	78.35	112.9	52.2	95.9	113.4	144.5	166.7	177.1
10/9/2010	78.40	34.6	23.0	63.7	76.3	105.6	133.5	144.2
10/10/2010	78.45	5.9	6.7	37.5	51.1	77.7	98.0	108.9
10/11/2010	78.50	5.7	4.4	27.6	35.9	55.3	75.6	86.1
10/12/2010	78.56	5.7	4.3	25.5	32.6	45.2	57.4	67.5
10/13/2010	78.62	5.8	4.3	23.6	30.8	42.1	49.9	59.6
10/14/2010	78.67	5.8	4.4	22.4	29.3	42.2	46.7	56.4
10/15/2010	78.70	5.8	4.3	21.6	28.5	50.8	47.2	56.6
10/16/2010	78.79	5.8	4.3	21.8	28.4	65.8	56.8	65.6
10/17/2010	78.84	5.9	4.4	21.7	28.5	73.4	70.3	79.1
10/18/2010	78.89	6.0	4.3	19.7	27.2	81.3	79.3	88.0
10/19/2010	78.95	6.0	4.4	17.4	24.9	88.9	92.4	100.9
10/20/2010	78.98	6.1	4.4	16.3	23.4	94.8	100.4	109.2
10/21/2010	80.00	6.2	4.5	15.9	23.0	99.8	104.9	113.7
10/22/2010	80.00	6.6	4.4	15.8	22.8	102.8	108.8	117.7
10/23/2010	80.00	7.0	4.6	15.6	22.7	105.2	110.5	119.5
10/24/2010	80.00	7.0	4.7	14.8	22.2	109.2	112.3	121.2
10/25/2010	80.00	7.0	4.6	14.1	21.3	112.9	116.0	124.8
10/26/2010	77.81	7.0	4.7	13.7	21.0	115.0	118.2	127.2
10/27/2010	77.88	6.2	4.7	13.3	20.5	118.7	119.5	128.3

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcdis); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
10/28/2010	77.94	5.2	4.3	12.8	20.1	122.3	122.7	131.5
10/29/2010	77.95	5.3	4.2	12.4	19.7	127.4	125.5	134.4
10/30/2010	77.94	5.3	4.2	12.3	19.6	133.1	130.5	139.2
10/31/2010	77.99	5.4	4.2	12.1	19.4	137.7	135.4	144.1
11/1/2010	78.06	5.3	4.3	12.0	19.2	148.6	138.8	147.5
11/2/2010	78.10	5.5	4.2	11.4	18.9	156.2	150.2	158.5
11/3/2010	78.16	5.3	4.2	11.1	18.4	157.8	154.5	163.3
11/4/2010	78.15	5.5	4.2	11.6	18.5	163.9	156.3	164.9
11/5/2010	78.20	5.5	4.3	12.7	19.4	169.2	163.1	171.6
11/6/2010	78.26	5.5	4.3	13.7	20.4	171.4	166.4	175.0
11/7/2010	78.27	5.5	4.3	13.4	21.0	173.4	167.8	176.5
11/8/2010	78.30	5.6	4.3	13.0	20.2	178.3	169.7	178.2
11/9/2010	78.31	5.6	4.3	13.1	20.1	186.1	175.3	183.6
11/10/2010	78.38	5.6	4.3	16.1	21.3	191.7	181.6	190.1
11/11/2010	78.40	5.7	4.3	17.8	24.3	198.1	186.2	194.5
11/12/2010	78.45	5.8	4.3	18.5	24.8	202.9	192.5	200.8
11/13/2010	78.47	5.7	4.3	22.1	27.0	206.2	195.4	203.7
11/14/2010	78.50	5.8	4.4	26.9	31.6	213.0	199.0	207.3
11/15/2010	79.00	5.8	4.4	34.6	37.5	220.0	205.8	213.9
11/16/2010	79.36	6.1	4.4	43.1	45.9	225.7	210.9	219.2
11/17/2010	79.30	6.5	4.5	45.5	50.8	230.9	219.4	227.4
11/18/2010	79.36	6.7	4.5	45.7	50.6	229.8	218.8	227.5
11/19/2010	79.46	6.6	4.5	48.3	52.0	230.3	216.0	224.3
11/20/2010	79.40	6.7	4.5	53.6	56.2	235.9	218.1	226.3
11/21/2010	79.62	6.8	4.6	58.9	61.7	240.4	223.5	231.8
11/22/2010	79.67	6.8	4.6	60.8	65.0	244.5	227.1	235.3
11/23/2010	79.82	6.9	4.6	62.6	65.7	246.6	230.4	238.6
11/24/2010	79.83	7.0	4.7	63.4	67.5	250.0	231.9	240.1
11/25/2010	79.82	7.1	4.7	63.2	67.2	249.3	234.1	242.5
11/26/2010	79.67	7.1	4.7	63.7	67.3	249.0	232.0	240.3
11/27/2010	79.73	7.0	4.7	64.9	68.2	249.6	232.5	240.8
11/28/2010	79.71	7.0	4.6	62.7	67.9	250.9	233.6	241.8
11/29/2010	79.84	7.0	4.7	60.8	64.8	248.5	234.3	242.7
11/30/2010	79.81	7.0	4.6	60.3	64.3	244.7	230.4	238.9
12/1/2010	79.91	7.1	4.6	53.7	61.0	243.7	226.9	235.3
12/2/2010	80.17	7.1	4.7	49.2	53.9	229.0	223.4	232.4
12/3/2010	80.19	7.3	4.7	50.0	53.5	219.2	208.0	216.8
12/4/2010	80.21	7.4	4.8	54.4	56.4	225.8	204.1	212.3
12/5/2010	80.27	7.4	4.7	58.0	60.9	231.5	212.7	221.0
12/6/2010	80.36	7.4	4.8	37.9	53.6	233.9	216.2	224.6
12/7/2010	80.24	7.5	4.8	14.3	25.7	132.9	198.2	211.2
12/8/2010	80.19	7.5	4.8	7.4	13.2	45.5	94.4	108.9
12/9/2010	80.22	7.5	4.8	7.6	13.2	15.5	33.7	46.7
12/10/2010	80.27	7.4	4.8	8.4	13.5	15.4	18.4	28.2
12/11/2010	80.40	7.5	4.8	8.2	14.0	15.9	18.3	28.0
12/12/2010	80.50	7.5	4.8	7.9	13.3	15.9	18.7	28.4
12/13/2010	80.59	7.6	4.8	9.0	13.8	15.5	18.2	28.0
12/14/2010	80.62	7.6	4.8	9.3	14.8	16.3	18.1	27.7
12/15/2010	80.68	7.5	4.8	11.4	15.4	17.8	19.3	28.9
12/16/2010	80.70	7.6	4.8	13.4	18.0	20.5	21.0	30.7
12/17/2010	80.61	7.6	4.8	12.9	18.4	22.3	24.1	33.6
12/18/2010	80.71	7.6	4.8	12.8	17.6	21.7	24.7	34.4
12/19/2010	67.23	7.6	4.8	16.6	19.5	22.4	23.9	33.7
12/20/2010	80.67	2.5	4.8	23.7	25.8	25.6	25.2	34.8
12/21/2010	80.74	1.2	2.5	29.6	32.4	31.5	28.3	37.7
12/22/2010	80.88	7.6	4.4	32.1	35.2	36.7	33.9	43.2
12/23/2010	80.96	7.8	4.9	35.9	39.2	39.3	37.7	47.1
12/24/2010	81.03	7.8	4.8	36.6	40.3	42.9	39.8	49.2
12/25/2010	81.05	8.0	4.9	39.3	41.8	43.8	42.0	51.5
12/26/2010	81.13	8.0	4.9	41.9	44.7	46.2	42.2	51.8

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcdis); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
12/27/2010	81.12	8.1	4.9	44.8	47.1	49.2	45.0	54.3
12/28/2010	81.14	8.1	4.9	46.8	49.6	52.1	47.9	57.2
12/29/2010	81.12	8.1	5.0	47.9	50.8	53.8	50.1	59.5
12/30/2010	81.16	8.0	4.9	48.7	51.6	55.0	50.7	60.2
12/31/2010	81.10	8.1	4.9	50.2	52.7	56.3	51.9	61.4
1/1/2011	81.23	8.1	4.9	51.3	54.0	58.2	53.3	62.6
1/2/2011	81.27	8.1	4.9	53.1	55.3	59.8	54.9	64.2
1/3/2011	81.28	8.3	4.9	55.3	57.4	61.6	56.3	65.6
1/4/2011	81.43	8.3	5.0	56.3	58.9	63.9	58.2	67.5
1/5/2011	81.42	8.3	5.0	56.1	58.9	64.7	60.0	69.3
1/6/2011	88.44	8.4	5.0	55.6	58.5	64.6	60.2	69.7
1/7/2011	108.58	11.0	5.1	55.4	58.0	65.0	59.9	69.3
1/8/2011	108.60	21.5	6.4	56.3	58.5	65.6	60.5	69.8
1/9/2011	108.63	29.0	9.5	58.4	60.1	65.8	60.9	70.4
1/10/2011	109.28	29.0	10.0	61.1	62.8	66.8	61.8	71.1
1/11/2011	110.34	29.2	10.0	62.0	64.0	68.9	62.6	71.9
1/12/2011	109.45	29.9	10.1	62.5	64.6	69.9	63.9	73.3
1/13/2011	107.90	29.9	10.2	63.0	65.0	71.1	65.9	75.2
1/14/2011	108.07	29.0	10.2	63.5	65.7	72.3	68.4	77.6
1/15/2011	108.14	28.5	9.9	63.4	65.7	72.9	69.3	78.6
1/16/2011	108.32	28.6	9.9	63.1	65.4	72.6	69.6	78.9
1/17/2011	108.32	28.7	9.9	24.9	47.9	62.2	66.4	76.3
1/18/2011	108.32	28.8	9.9	30.1	21.9	37.3	53.5	63.5
1/19/2011	60.53	28.8	9.9	27.2	36.7	39.6	30.5	41.4
1/20/2011	42.40	12.2	9.6	17.2	22.7	40.5	41.7	50.1
1/21/2011	0.00	0.9	2.7	12.5	18.9	31.0	34.6	45.1
1/22/2011	0.00	1.0	2.9	8.8	12.9	28.4	28.6	38.4
1/23/2011	0.00	1.6	3.1	12.1	15.4	25.7	25.8	35.7
1/24/2011	0.00	1.5	3.2	16.4	18.5	30.0	24.7	34.1
1/25/2011	0.00	1.5	3.2	18.9	22.2	34.3	28.0	37.4
1/26/2011	21.90	1.4	3.2	15.8	21.6	38.9	32.1	41.4
1/27/2011	137.99	1.3	3.2	8.9	16.1	35.2	36.0	45.4
1/28/2011	92.45	4.0	3.2	5.7	10.6	28.5	31.1	41.2
1/29/2011	92.48	33.6	11.8	7.0	10.6	25.6	26.2	36.1
1/30/2011	92.51	16.7	8.3	17.8	19.4	27.2	24.2	33.9
1/31/2011	92.59	16.7	7.0	15.9	19.9	37.9	26.9	36.1
2/1/2011	92.60	16.8	7.1	17.6	20.9	37.9	35.7	45.1
2/2/2011	92.67	16.8	7.1	17.9	21.7	34.6	35.1	44.7
2/3/2011	92.49	16.9	7.1	17.4	21.6	32.4	30.7	40.6
2/4/2011	92.30	16.8	7.1	17.6	21.2	32.7	30.3	39.9
2/5/2011	92.29	16.7	7.1	18.2	21.8	35.1	30.8	40.5
2/6/2011	92.33	16.7	7.1	18.7	22.3	39.5	33.5	42.9
2/7/2011	92.35	16.7	7.1	19.1	22.8	40.4	37.6	46.9
2/8/2011	133.91	16.7	7.1	21.0	23.9	39.8	37.4	47.1
2/9/2011	90.18	32.2	7.4	22.5	25.7	40.4	36.4	46.0
2/10/2011	132.01	31.4	12.9	20.9	24.9	40.5	36.7	46.4
2/11/2011	84.95	30.8	8.2	17.9	24.1	38.7	36.6	46.3
2/12/2011	84.98	28.7	12.5	12.4	16.6	36.4	35.0	44.6
2/13/2011	85.00	11.0	7.0	15.5	19.4	31.0	31.7	41.7
2/14/2011	85.00	11.0	5.7	10.6	16.1	35.1	28.7	38.2
2/15/2011	80.80	11.0	5.7	10.6	14.6	32.1	31.7	41.3
2/16/2011	0.00	9.4	5.6	11.2	15.1	31.5	29.0	38.7
2/17/2011	0.00	0.0	4.6	11.2	15.5	32.0	28.8	38.4
2/18/2011	0.00	1.3	3.0	7.9	14.2	32.4	28.9	38.6
2/19/2011	0.00	1.3	3.1	7.5	11.8	30.6	28.9	38.6
2/20/2011	0.00	1.2	3.2	7.7	11.9	29.3	26.7	36.5
2/21/2011	0.00	1.2	3.1	7.5	12.1	30.6	26.0	35.6
2/22/2011	0.00	1.2	3.1	6.2	11.3	31.7	28.2	37.6
2/23/2011	0.00	1.2	3.1	5.3	10.0	38.0	30.8	40.3
2/24/2011	0.00	1.2	3.1	5.4	9.8	42.9	37.5	46.7

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcdis); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
2/25/2011	0.00	1.2	3.1	5.8	10.2	43.1	39.6	49.1
2/26/2011	0.00	1.2	3.1	5.8	10.4	41.7	39.0	48.6
2/27/2011	0.00	1.2	3.1	5.9	10.3	41.7	37.7	47.4
2/28/2011	0.00	1.2	3.1	6.4	10.7	41.0	38.0	47.5
3/1/2011	0.00	1.2	3.1	6.6	11.0	40.1	36.7	46.5
3/2/2011	0.00	1.2	3.2	6.6	11.0	39.7	36.1	45.7
3/3/2011	0.00	1.2	3.1	6.9	11.2	38.1	35.4	45.1
3/4/2011	0.00	1.2	3.2	7.5	11.7	36.4	34.0	43.8
3/5/2011	0.00	1.2	3.1	7.5	12.2	35.5	32.5	42.2
3/6/2011	0.00	1.2	3.1	6.6	11.6	34.3	31.5	41.2
3/7/2011	11.93	1.1	3.1	5.9	10.7	38.4	30.4	40.1
3/8/2011	11.92	1.2	3.1	5.4	10.3	42.4	36.0	45.3
3/9/2011	11.99	1.2	3.1	4.7	9.8	40.4	38.2	47.8
3/10/2011	12.10	1.2	3.1	4.1	9.0	37.2	35.5	45.3
3/11/2011	303.26	90.15	248.09	226.69	217.59	223.66	206.05	203.84
3/12/2011	423.58	253.5	248.1	226.77	217.47	219.02	202.64	200.53
3/13/2011	424.52	403.59	363.15	241.01	217.79	213.91	198.47	196.34
3/14/2011	425.21	405.69	399.55	364.56	326.74	216.28	193.86	191.84
3/15/2011	604.12	433.76	400.16	365.49	350.23	325.2	231.93	218.18
3/16/2011	853.40	639.93	541.03	412.96	353.91	326.36	295.5	292.44
3/17/2011	916.08	844.65	801.66	651.26	569.45	408.33	297.26	293.95
3/18/2011	1176.11	974.15	883.63	790.78	752.51	691.36	520.43	502.78
3/19/2011	1290.75	1185.51	1130.37	993.91	915.79	795.23	680.44	673.1
3/20/2011	1283.90	1251.26	1230.04	1137.51	1085.76	1037.72	899.69	886.54
3/21/2011	1364.39	1278.72	1235.27	1152.78	1118.25	1110.66	1027.65	1019.44
3/22/2011	1475.39	1370.24	1318.33	1215.18	1166.24	1131.64	1035.19	1028.38
3/23/2011	1500.05	1445.17	1414.2	1315.47	1261.51	1217.05	1099.92	1091.17
3/24/2011	1501.50	1460.17	1435.54	1350.49	1307.89	1284.61	1189.05	1180.55
3/25/2011	1516.88	1467.36	1439.01	1355.16	1315.54	1301.11	1213.94	1206.52
3/26/2011	1520.0	969.45	1263.82	1360.76	1326.02	1310.41	1220.11	1212.85
3/27/2011	1540.0	224.18	411.85	623.14	717.53	989.54	1179.95	1184.23
3/28/2011	1560.0	89.94	254.65	289.69	329.95	498.66	608.18	617.49
3/29/2011	1580.0	90.08	248.1	226.21	224.7	329.06	370.29	372.91
3/30/2011	1593.53	90.08	248.13	226.07	216.82	266.76	275.95	277.18
3/31/2011	1394.23	1470.06	1487.09	232.78	216.88	265.19	239.97	237.88
4/1/2011	1088.02	1238.83	1292.49	1282.4	1056.54	1185.39	243.52	240.64
4/2/2011	967.67	1014.16	1029.83	1031.39	803.94	891.64	920.71	920.97
4/3/2011	973.99	938.91	921.55	887.75	650.78	681.18	691.12	692.37
4/4/2011	1061.36	972.56	931.02	861.66	644.63	621.61	581.3	578.68
4/5/2011	1169.53	1065.99	1016.66	923.4	716.19	667.9	592.23	586.52
4/6/2011	1217.44	1152.67	1117.86	1022.81	810.83	767.63	670.87	663.01
4/7/2011	1084.95	1133.7	1144.76	1080.87	835.49	830.75	760.45	753.58
4/8/2011	998.86	1022.71	1027.09	994.63	785.17	818.97	776.33	770.29
4/9/2011	892.47	932.1	942.04	906.53	695.2	717.89	699.82	697.96
4/10/2011	836.67	845.33	845.44	817.39	730.57	711.28	638.24	632.31
4/11/2011	839.50	809.18	793.72	753.53	732.97	722.19	667.56	662.97
4/12/2011	773.67	791	791.09	737.5	710.66	709.35	667.45	663.7
4/13/2011	723.46	732.16	732.89	701.92	687.53	705.58	654	648.98
4/14/2011	727.35	698.48	685.67	651.73	636.49	653.43	623.14	620.31
4/15/2011	728.78	701.62	685.7	633.79	609.28	612.23	578.41	575.31
4/16/2011	842.92	735.7	689.89	636.12	612.06	610.46	559.32	554.82
4/17/2011	1004.70	866.58	801.25	699.97	652.36	615.34	561.03	556.48
4/18/2011	1046.83	987.29	954.62	846.94	677.63	660.37	602.25	597.15
4/19/2011	1085.52	1027.5	997.53	920.51	734.18	728.77	639.82	631.36
4/20/2011	1042.91	1037.75	1028.19	957.45	767.7	753.48	679.18	673.22
4/21/2011	924.71	970.62	982.47	937.13	759.02	773.48	711.53	705.4
4/22/2011	787.34	850.87	871.24	849.44	686.48	722.64	689.36	685.63
4/23/2011	794.20	761.95	751.2	734.9	580.41	620.81	610.53	609.16
4/24/2011	873.05	790.74	752.81	692.96	521.19	522.76	516.13	515.19
4/25/2011	875.60	844.74	824.17	742.07	546.99	519.84	471.38	467.27

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcdis); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
4/26/2011	1014.48	891.79	836.67	769.67	591.73	582.37	502.23	495.35
4/27/2011	834.55	923.08	947.02	861.51	664.04	602.81	537.47	532.84
4/28/2011	779.40	789.47	793.41	786.29	603.39	670.39	617.63	609.66
4/29/2011	619.72	707.19	734.43	702.13	498.33	526.35	532.42	532.95
4/30/2011	510.39	572.57	599.75	605.31	442.52	476.6	450.81	448.57
5/1/2011	470.25	483.53	497.01	494.51	487.1	448.37	400.4	399.86
5/2/2011	452.37	447.25	446.67	425.66	418.95	443.84	426.94	421.53
5/3/2011	401.22	424.93	425.36	396.27	384.86	392.72	375.59	374.36
5/4/2011	381.11	381.86	394.01	374.91	367.77	369.5	343.61	341.47
5/5/2011	401.24	365.15	374.42	347.45	340.33	350.22	328.8	326.2
5/6/2011	405.70	382.68	376.33	336.95	325.6	325.41	308.86	306.88
5/7/2011	505.18	398.21	384.54	348.18	329.71	312.91	288.77	286.51
5/8/2011	712.98	521.31	451.51	365.86	336.38	318.4	282.28	279.15
5/9/2011	711.82	686.63	652.29	515.39	432.56	339.87	286.41	283.52
5/10/2011	800.43	710.93	672.81	620.67	597.34	534.7	341.45	330.62
5/11/2011	853.25	788.72	753.57	666.64	625.06	562.06	510.73	506.43
5/12/2011	769.86	798.8	801.54	732.28	695.78	638.01	546.23	538.74
5/13/2011	710.42	725.7	729.95	703.36	691.57	680.56	613.05	606.71
5/14/2011	709.58	684.31	673.85	642.67	629.09	616.45	590.88	588.56
5/15/2011	708.96	683.57	668.73	618.55	595.38	565.8	536.56	533.86
5/16/2011	770.99	700.44	669.38	618.11	594.81	559.38	509.6	505.48
5/17/2011	878.41	776.25	727.33	649.99	614.06	559.06	508.47	504.35
5/18/2011	936.04	867.82	831.28	737.78	690.2	611.88	531.08	524.78
5/19/2011	852.97	878.57	880.82	810.29	772.47	711.24	613.39	605.12
5/20/2011	793.95	805.8	807.08	775.63	761.37	748.48	684.21	677.49
5/21/2011	671.10	730.92	749.18	717.4	700.6	681.4	651.01	648.44
5/22/2011	603.82	630.41	642.59	633.82	630.88	630.8	598.54	595.24
5/23/2011	603.12	580.25	575.35	554.15	545.41	545.15	534.36	533
5/24/2011	575.78	573.65	565.91	521.45	501.36	487.43	468.77	466.7
5/25/2011	543.64	546.66	543.63	509.78	495.08	473.61	430.24	426.67
5/26/2011	543.52	521.59	514.29	484.42	471.5	456.61	424.19	421.2
5/27/2011	598.22	531.68	508.85	466.71	448.5	431.41	403.19	400.51
5/28/2011	710.01	599.81	554.48	486.75	454.13	420.5	381.97	378.97
5/29/2011	811.67	712.77	661.2	565.89	520.77	454.34	383.45	378.88
5/30/2011	887.49	807.26	764.64	672.73	628.22	555.46	448.39	440.37
5/31/2011	1386.23	1028.11	869.58	757.94	717.27	651.91	556.65	548.44
6/1/2011	1659.26	1401.83	1256.55	1105.74	842.72	696.98	619.8	616.88
6/2/2011	1584.06	1456.83	1297.18	1229.27	762.36	815.36	787.07	779.21
6/3/2011	1574.64	1410.43	1237.22	1173.58	696.16	709.43	679.21	674.77
6/4/2011	1619.33	1421.78	1233.99	1155.43	665.12	647.86	607.78	605.18
6/5/2011	1617.94	1446.74	1269.2	1187.08	634.71	620.23	583.43	580.33
6/6/2011	1613.90	1422.49	1260.4	1192.99	655.12	626.77	568.37	562.81
6/7/2011	1687.40	1402.45	1220.47	1149.52	629.37	625.1	581.35	576.67
6/8/2011	1771.22	1468	1266.81	1171.24	651.34	613.44	557.36	553.63
6/9/2011	1706.84	1510.17	1324.51	1247.29	707.6	668.67	588.73	582.87
6/10/2011	1664.08	1474.95	1268.7	1206.6	688.49	694.19	647.4	641.17
6/11/2011	1698.16	1485.69	1255.87	1176.86	651.96	640.35	605.67	603.11
6/12/2011	1696.45	1519.29	1302.92	1218.57	675.17	636.11	573.25	569.2
6/13/2011	1771.75	1542.91	1319.2	1233.07	693.16	671.65	606.76	600.76
6/14/2011	1823.82	1572.39	1354.23	1271.38	735.57	696.2	620.28	614.84
6/15/2011	1820.85	1569.45	1351.88	1275.34	715.85	711.71	659.46	654.37
6/16/2011	1764.29	1540.91	1344.38	1272.64	696.55	687.85	638.32	634.13
6/17/2011	1637.50	1461.6	1280.56	1229.61	694.3	684.93	627.05	621.59
6/18/2011	1577.29	1380.93	1173.15	1124.78	610.74	634.07	613.39	610.33
6/19/2011	1576.06	1371.16	1152.3	1084.2	597.47	571.11	533.07	531.21
6/20/2011	1753.50	1439.96	1185.06	1091.74	609.77	582.23	527.15	522.93
6/21/2011	1843.48	1559.57	1325.9	1218.13	698.4	625.39	541.67	536.77
6/22/2011	1916.38	1633.19	1397.09	1298.08	728.31	717.12	641.51	633.78
6/23/2011	1923.52	1680.67	1426.97	1346.16	726.03	720.39	661.62	656.45
6/24/2011	1863.05	1678	1400.45	1332.24	711.13	708.92	656.73	651.55

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcqs); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
6/25/2011	1861.36	1667.91	1382.08	1306.16	673.53	668.34	634	630.5
6/26/2011	1859.52	1678.52	1410.31	1322.82	723.81	681.61	605.07	599.6
6/27/2011	1857.30	1675.69	1435.39	1353.3	773.58	742.62	662.42	655.94
6/28/2011	1895.99	1668.24	1421.27	1341.61	803.47	784.78	712.19	705.39
6/29/2011	2044.42	1726.74	1456.3	1356.6	780.74	771.73	720.93	716.95
6/30/2011	2130.84	1807.67	1530.86	1437.01	813.69	782.96	704.78	699.47
7/1/2011	2125.25	1826.06	1549.23	1464.33	803.74	799.98	743.04	737.45
7/2/2011	2120.12	1822.52	1544.04	1463.53	785.85	783.09	727.23	722.19
7/3/2011	2115.84	1814.96	1530.37	1451.72	768.16	763.57	709.13	704.49
7/4/2011	1944.98	1768.99	1505.32	1440.73	758.08	749.55	698.72	693.74
7/5/2011	1779.24	1685.64	1449.78	1382.7	696.53	710.62	686.7	683.1
7/6/2011	1356.44	1509.13	1358.59	1334.62	664.58	661.89	621.05	617.96
7/7/2011	1043.66	1198.56	1194.56	1168.56	705.7	670.8	608.2	600.94
7/8/2011	983.57	990.87	990.41	980.22	734.45	723.56	644.76	637.96
7/9/2011	918.24	930.59	929.96	890.39	621.05	637.16	638.07	638.59
7/10/2011	921.70	889.27	872.38	833.01	570.39	576.31	549.42	546.92
7/11/2011	925.19	892.74	873.85	816.98	563.59	537.21	499.91	497.16
7/12/2011	928.15	895.95	877.16	819.99	598.7	566.76	499.27	493.98
7/13/2011	932.04	899.17	880.1	822.33	606.48	589	532.65	527.7
7/14/2011	850.21	875.13	878.38	825.66	615.4	597.4	540.77	536.11
7/15/2011	853.11	822.28	807.47	776.36	581.17	593.17	549.35	544.85
7/16/2011	920.01	845.47	810.69	752.68	544.67	527.44	508.5	506.84
7/17/2011	919.45	889.66	870.26	795.49	586.48	535.81	477.58	473.15
7/18/2011	1000.63	916.12	876.69	816.04	649.9	615.31	525.28	517.86
7/19/2011	1113.41	1007.04	957.64	871.96	724.17	663.05	585.67	579.65
7/20/2011	1110.69	1078.58	1057.41	972.78	804.53	757.64	671.8	664.27
7/21/2011	1041.97	1053.31	1050.94	999.19	820.08	813.87	751.34	743.99
7/22/2011	989.66	991.69	987.3	953.31	780.55	789.44	746.77	741.68
7/23/2011	1016.11	967.13	942.73	901.11	727.33	728.05	699.97	696.89
7/24/2011	1014.44	983.54	964.56	905.82	680.17	671.39	643.81	641.47
7/25/2011	1012.11	981.69	963.43	911	677.57	664.83	613.62	608.69
7/26/2011	1047.93	992.38	964.26	908.56	673.08	657.09	609.19	604.61
7/27/2011	1076.80	1025.04	997.71	932.21	693.68	662.78	606	601.2
7/28/2011	840.47	964.13	1004.3	960.71	715.09	690.17	629.85	624.25
7/29/2011	903.28	831.74	806.4	816.79	630.66	680.25	650.43	644.67
7/30/2011	925.41	880.68	855.4	787.62	513.51	498.82	540.11	542.18
7/31/2011	918.34	892.86	876.22	820.97	491	483.57	448.51	444.35
8/1/2011	976.51	907.4	874.33	822.89	782.86	628.69	434.18	428.91
8/2/2011	948.80	936.04	923.49	858.68	820.11	760.9	700.8	695.15
8/3/2011	867.83	891.65	895.11	856.04	831.4	807.1	743.41	736.08
8/4/2011	859.70	836.18	823.87	797.19	782.08	777.6	739.09	734.69
8/5/2011	880.31	837.26	815.09	767.87	742.25	717.27	684.24	681.27
8/6/2011	915.51	862.31	834.91	777.66	746.96	714.49	660.07	655.18
8/7/2011	905.12	882.06	866.14	806.09	772.28	733.57	670.97	665.5
8/8/2011	894.72	871.95	857.2	809.46	783.27	758.19	696.1	690.15
8/9/2011	883.86	861.55	847.24	799.95	773.82	747.93	697.72	692.99
8/10/2011	902.10	860.31	838.42	790.14	764.39	738.12	687.14	682.49
8/11/2011	930.18	881.4	855.92	798.41	767.7	730.26	677.3	672.58
8/12/2011	945.78	904.96	882.19	822.07	789.13	746.65	684.45	678.98
8/13/2011	961.86	920.49	897.77	839.99	808.76	771.51	706.83	700.84
8/14/2011	952.66	927.84	911.51	853.76	822.48	787.68	724.93	719.15
8/15/2011	944.12	919.03	903.3	852.56	824.94	800.9	740.51	734.79
8/16/2011	952.14	916.18	896.25	844.05	816.68	793.33	740.19	735.09
8/17/2011	967.52	926.45	904.04	846.93	816.73	783.7	729.84	725.05
8/18/2011	963.52	935.11	917.37	858.85	827.25	793.74	731.88	726.4
8/19/2011	960.66	931.61	914.06	860.33	831.9	801.57	743.89	738.34
8/20/2011	957.33	928.58	911.25	857.36	828.69	801.27	744.74	739.54
8/21/2011	953.35	925.11	907.99	854.57	825.92	794.93	741.9	736.94
8/22/2011	949.64	921.34	904.21	851.25	822.74	793.18	737.63	732.31
8/23/2011	955.69	920.95	901.3	847.4	819.22	790.87	736.55	731.31

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcqs); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
8/24/2011	1022.51	947.27	911.09	850.33	820.35	787.86	733.01	727.92
8/25/2011	1053.18	1000.76	972.7	897.23	856.24	802.24	738.21	732.67
8/26/2011	1000.90	1002.81	996.14	935	899.22	861.63	784.98	777.72
8/27/2011	954.66	953.62	947.82	906.76	884.65	874.31	819.39	813.25
8/28/2011	950.14	922.34	906.35	863.8	841.39	826.69	786.6	782.61
8/29/2011	945.60	917.9	901.05	848.18	819.86	791.71	746.09	741.94
8/30/2011	798.83	867.52	887.27	844.07	815.9	786.64	733.3	728.23
8/31/2011	704.01	743.44	759.09	754.26	749.82	763.79	729.86	724.83
9/1/2011	871.05	726.15	673.84	654.72	646.97	649.59	646.99	645.85
9/2/2011	969.40	873.69	824.16	705.71	647.39	582.14	562.18	559.91
9/3/2011	974.67	940.1	917.97	829.44	784.27	729.78	609.03	598.34
9/4/2011	977.28	944.36	925.11	860.39	830.27	812.58	734.22	726.25
9/5/2011	985.40	948.79	928.09	863.52	833.8	816.82	759.27	753.88
9/6/2011	993.25	956.64	935.86	869.61	838.83	828.89	765.8	760.03
9/7/2011	1000.14	964.01	943.43	876.92	846.08	828.31	772.55	767.22
9/8/2011	1004.85	970.05	949.95	883.68	852.83	831.81	772.53	767.01
9/9/2011	992.69	968.91	953.2	888.72	858.01	838.1	777.94	772.3
9/10/2011	405.56	783.05	903.04	881.45	853.76	841.07	783.51	777.91
9/11/2011	0.00	369.99	485.83	596.31	646.6	763.59	775.18	770.85
9/12/2011	0.00	144.22	296.69	336.76	362.76	457.79	543.57	548.43
9/13/2011	0.00	1.2	5.2	24.0	50.2	103.3	174.6	189.5
9/14/2011	0.00	1.0	3.1	0.8	8.7	29.0	67.1	81.0
9/15/2011	0.00	1.0	3.1	0.8	5.6	4.6	21.8	33.0
9/16/2011	0.00	1.0	3.0	0.8	5.6	3.3	8.8	18.8
9/17/2011	0.00	1.0	3.1	0.8	5.5	3.2	7.6	17.5
9/18/2011	0.00	1.0	3.1	0.9	5.6	3.2	7.2	17.0
9/19/2011	0.00	1.0	3.1	2.0	5.9	3.2	7.3	17.1
9/20/2011	0.00	1.0	3.1	3.6	7.5	3.7	7.4	17.3
9/21/2011	0.00	1.0	3.1	3.6	8.3	5.2	8.1	17.8
9/22/2011	0.00	1.0	3.0	2.4	7.4	5.5	9.2	19.0
9/23/2011	0.00	1.0	3.1	1.3	6.4	4.7	9.2	19.1
9/24/2011	0.00	1.0	3.1	0.8	5.6	3.7	8.4	18.3
9/25/2011	0.00	1.0	3.1	0.8	5.5	3.2	7.8	17.6
9/26/2011	0.00	1.0	3.1	0.8	5.4	3.1	7.5	17.3
9/27/2011	0.00	1.0	3.1	0.9	5.4	3.1	7.5	17.3
9/28/2011	0.00	1.0	3.1	0.8	5.4	3.1	7.3	17.2
9/29/2011	0.00	1.0	3.0	0.8	5.4	3.1	7.3	17.1
9/30/2011	0.00	1.0	3.0	0.9	5.4	3.1	7.3	17.1
10/1/2011	0.00	1.0	3.1	0.8	5.4	3.1	7.3	17.2
10/2/2011	0.00	1.0	3.0	0.8	5.4	3.1	7.3	17.1
10/3/2011	0.00	1.0	3.1	0.9	5.4	3.1	7.5	17.3
10/4/2011	0.00	1.0	3.1	0.9	5.4	3.1	7.5	17.3
10/5/2011	0.00	1.0	3.0	0.8	5.4	3.1	7.3	17.0
10/6/2011	0.00	1.0	3.0	0.8	5.4	3.1	7.1	16.9
10/7/2011	0.00	1.0	3.1	0.8	5.4	3.1	7.1	16.9
10/8/2011	0.00	1.0	3.1	0.8	5.4	3.1	7.1	16.9
10/9/2011	0.00	1.0	3.0	0.8	5.4	3.1	7.1	17.0
10/10/2011	0.00	1.0	3.1	0.8	5.4	3.1	7.1	17.0
10/11/2011	0.00	1.0	3.0	0.8	5.4	3.1	7.1	17.0
10/12/2011	0.00	1.0	3.1	0.9	5.4	3.1	7.1	17.0
10/13/2011	0.00	1.0	3.0	0.9	5.4	3.1	7.2	17.0
10/14/2011	0.00	1.0	3.0	0.9	5.4	3.1	7.1	17.0
10/15/2011	0.00	1.0	3.1	0.8	5.4	3.1	7.2	17.0
10/16/2011	0.00	1.0	3.1	0.9	5.4	3.1	7.3	17.2
10/17/2011	0.00	1.0	3.1	0.9	5.4	3.1	7.4	17.2
10/18/2011	0.00	1.0	3.1	0.8	5.4	3.1	7.5	17.3
10/19/2011	0.00	1.0	3.1	0.9	5.4	3.1	7.7	17.4
10/20/2011	0.00	1.0	3.1	0.8	5.4	3.1	7.6	17.4
10/21/2011	0.00	1.0	3.1	0.8	5.4	3.1	7.6	17.4
10/22/2011	0.00	1.0	3.1	0.8	5.4	3.1	7.7	17.5

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcdis); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
10/23/2011	0.00	1.0	3.1	0.9	5.4	3.1	8.4	18.1
10/24/2011	0.00	1.0	3.1	0.9	5.4	3.1	8.6	18.4
10/25/2011	0.00	1.0	3.0	0.8	5.4	3.1	8.8	18.5
10/26/2011	0.00	1.0	3.0	0.8	5.4	3.1	8.1	18.0
10/27/2011	0.00	1.0	3.1	0.9	5.4	3.1	7.7	17.6
10/28/2011	0.00	1.0	3.1	0.8	5.4	3.1	7.7	17.5
10/29/2011	0.00	1.0	3.1	0.9	5.4	3.2	7.7	17.4
10/30/2011	0.00	1.0	3.1	0.9	5.4	3.1	7.6	17.4
10/31/2011	0.00	1.0	3.1	0.8	5.4	3.1	7.7	17.4
11/1/2011	0.00	1.0	3.1	0.9	5.4	3.2	7.6	17.4
11/2/2011	0.00	1.0	3.0	0.9	5.4	3.2	7.6	17.4
11/3/2011	0.00	1.0	3.1	0.8	5.4	3.2	7.7	17.5
11/4/2011	0.00	1.0	3.1	0.9	5.5	3.3	8.1	17.9
11/5/2011	0.00	1.0	3.1	0.8	5.5	3.3	8.6	18.4
11/6/2011	0.00	1.0	3.1	0.8	5.6	3.4	8.4	18.3
11/7/2011	0.00	1.0	3.1	0.8	5.6	3.4	8.4	18.2
11/8/2011	0.00	1.0	3.1	0.9	5.7	3.4	8.4	18.3
11/9/2011	0.00	1.0	3.0	0.8	5.7	3.5	8.7	18.4
11/10/2011	0.00	1.0	3.1	0.8	5.7	3.6	8.5	18.4
11/11/2011	0.00	1.0	3.1	0.8	5.8	3.6	8.7	18.4
11/12/2011	0.00	1.0	3.1	0.9	5.9	3.6	8.8	18.7
11/13/2011	0.00	1.0	3.1	0.8	5.9	3.7	8.9	18.7
11/14/2011	0.00	1.0	3.1	0.9	6.0	3.8	8.9	18.8
11/15/2011	0.00	1.0	3.0	0.9	6.0	3.8	9.0	18.8
11/16/2011	0.00	1.0	3.1	0.8	5.9	3.9	9.0	18.8
11/17/2011	0.00	1.0	3.1	0.8	5.9	3.9	9.0	18.8
11/18/2011	0.00	1.0	3.0	0.8	6.0	3.8	9.1	18.9
11/19/2011	0.00	1.0	3.1	0.8	5.9	3.8	9.0	18.9
11/20/2011	0.00	1.0	3.0	0.9	6.0	3.8	9.1	18.9
11/21/2011	0.00	1.0	3.1	0.8	5.9	3.8	9.3	19.0
11/22/2011	0.00	1.0	3.1	0.9	6.0	3.8	9.3	19.1
11/23/2011	0.00	1.0	3.1	0.9	6.0	3.8	9.5	19.2
11/24/2011	0.00	1.0	3.1	0.8	6.0	3.9	9.4	19.3
11/25/2011	0.00	1.0	3.0	0.9	6.0	3.9	9.4	19.3
11/26/2011	0.00	1.0	3.1	0.9	6.0	3.9	9.3	19.1
11/27/2011	0.00	1.0	3.1	0.9	6.0	3.9	9.2	18.9
11/28/2011	0.00	1.0	3.1	0.9	6.0	3.9	8.9	18.8
11/29/2011	0.00	1.0	3.1	1.0	6.0	3.9	8.8	18.7
11/30/2011	0.00	1.0	3.1	0.9	6.0	3.9	8.8	18.6
12/1/2011	0.00	1.0	3.1	0.9	6.0	3.9	8.9	18.7
12/2/2011	0.00	1.0	3.1	0.9	6.0	3.9	9.1	18.8
12/3/2011	0.00	1.0	3.1	0.9	6.0	3.9	9.2	19.0
12/4/2011	0.00	1.0	3.1	0.9	6.0	3.9	9.3	19.1
12/5/2011	0.00	1.0	3.1	0.8	6.0	4.0	9.3	19.1
12/6/2011	0.00	1.0	3.1	0.9	6.0	3.7	2.0	12.5
12/7/2011	0.00	1.0	3.0	0.9	6.0	3.8	6.4	15.7
12/8/2011	0.00	1.0	3.1	0.9	6.0	4.0	9.1	18.9
12/9/2011	0.00	1.0	3.1	0.9	6.1	4.1	9.3	19.1
12/10/2011	0.00	1.0	3.1	0.9	6.0	3.9	9.4	19.2
12/11/2011	0.00	1.0	3.0	0.9	6.0	4.0	9.5	19.3
12/12/2011	0.00	1.0	3.1	0.9	6.0	4.0	8.6	18.5
12/13/2011	0.00	1.1	3.1	0.9	6.0	3.9	7.5	17.4
12/14/2011	0.00	1.1	3.1	0.9	6.0	4.0	4.8	14.9
12/15/2011	0.00	1.1	3.1	0.9	6.0	4.0	3.9	13.8
12/16/2011	0.00	1.0	3.1	0.9	6.0	4.0	5.9	15.6
12/17/2011	0.00	1.0	3.1	0.9	6.0	4.0	8.6	18.3
12/18/2011	0.00	1.1	3.1	1.0	6.0	4.0	9.3	19.1
12/19/2011	0.00	1.1	3.1	0.9	6.0	3.9	9.6	19.5
12/20/2011	0.00	1.1	3.1	0.9	6.0	3.9	9.4	19.3
12/21/2011	0.00	1.1	3.1	0.9	6.0	3.9	9.5	19.2

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcdis); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
12/22/2011	0.00	1.1	3.1	0.9	6.1	3.9	9.4	19.2
12/23/2011	0.00	1.1	3.1	0.9	6.0	3.9	9.4	19.2
12/24/2011	0.00	1.0	3.0	0.9	6.0	3.9	9.6	19.3
12/25/2011	0.00	1.1	3.1	0.9	6.0	3.9	9.5	19.3
12/26/2011	0.00	1.1	3.1	0.9	6.0	4.0	9.5	19.3
12/27/2011	0.00	1.1	3.0	1.0	6.0	4.0	9.6	19.4
12/28/2011	0.00	1.1	3.1	1.1	6.1	4.0	9.6	19.5
12/29/2011	0.00	1.1	3.1	1.3	6.3	4.1	9.7	19.5
12/30/2011	0.00	1.1	3.1	1.1	6.3	4.3	9.7	19.5
12/31/2011	0.00	1.1	3.1	1.0	6.1	4.2	9.5	19.3
1/1/2012	0.00	1.1	3.1	1.0	6.1	4.0	9.4	19.2
1/2/2012	0.00	1.1	3.1	0.9	5.9	4.0	9.3	19.2
1/3/2012	0.00	1.1	3.1	1.0	6.0	3.9	9.4	19.2
1/4/2012	0.00	1.1	3.1	0.9	6.1	4.0	9.5	19.3
1/5/2012	0.00	1.1	3.1	0.9	6.0	4.0	9.5	19.2
1/6/2012	0.00	1.1	3.1	0.9	5.9	3.9	9.5	19.3
1/7/2012	0.00	1.1	3.1	0.8	5.9	3.9	9.4	19.2
1/8/2012	0.00	1.1	3.1	0.9	5.9	3.9	9.4	19.1
1/9/2012	0.00	1.1	3.1	0.9	6.0	3.9	9.3	19.1
1/10/2012	0.00	1.1	3.1	0.9	5.9	3.9	9.2	19.0
1/11/2012	0.00	1.1	3.1	0.9	6.0	3.9	9.1	19.0
1/12/2012	0.00	1.1	3.1	0.9	5.9	3.9	9.2	19.0
1/13/2012	0.00	1.1	3.1	1.0	5.9	3.9	9.1	18.8
1/14/2012	0.00	1.1	3.1	1.2	6.1	3.9	8.8	18.6
1/15/2012	0.00	1.1	3.1	1.1	6.2	4.0	8.7	18.6
1/16/2012	0.00	1.1	3.1	0.9	5.9	4.1	8.8	18.6
1/17/2012	0.00	1.1	3.1	0.9	5.9	3.8	8.6	18.5
1/18/2012	0.00	1.1	3.1	0.8	5.9	3.9	8.6	18.4
1/19/2012	0.00	1.1	3.1	0.9	5.9	3.8	8.7	18.5
1/20/2012	0.00	1.1	3.1	1.0	5.9	3.8	8.7	18.5
1/21/2012	0.00	1.1	3.1	0.9	5.9	3.8	8.8	18.7
1/22/2012	0.00	1.1	3.1	0.9	5.9	3.8	8.9	18.7
1/23/2012	0.00	1.1	3.1	0.9	5.8	3.8	8.9	18.6
1/24/2012	0.00	1.1	3.1	1.0	5.9	3.8	8.9	18.7
1/25/2012	0.00	1.1	3.1	0.9	5.9	3.8	8.9	18.7
1/26/2012	0.00	1.1	3.1	0.9	5.8	3.8	8.8	18.7
1/27/2012	0.00	1.1	3.1	0.9	5.9	3.8	8.9	18.7
1/28/2012	0.00	1.1	3.1	1.0	5.9	3.7	8.8	18.6
1/29/2012	0.00	1.1	3.1	0.9	5.8	3.8	8.6	18.5
1/30/2012	0.00	1.1	3.1	0.9	5.8	3.7	8.6	18.4
1/31/2012	0.00	1.1	3.1	1.0	5.8	3.8	8.8	18.6
2/1/2012	0.00	1.1	3.1	1.0	5.8	3.8	8.4	18.4
2/2/2012	0.00	1.1	3.1	0.9	5.8	3.7	8.4	18.2
2/3/2012	0.00	1.1	3.1	0.9	5.8	3.8	8.4	18.2
2/4/2012	0.00	1.1	3.2	0.9	5.8	3.7	8.5	18.3
2/5/2012	0.00	1.1	3.1	0.9	5.8	3.7	8.6	18.4
2/6/2012	0.00	1.0	3.1	0.9	5.8	3.7	8.6	18.4
2/7/2012	0.00	1.0	3.0	0.9	5.8	3.7	8.4	18.2
2/8/2012	0.00	1.0	3.1	0.9	5.8	3.7	8.3	18.2
2/9/2012	0.00	1.0	3.0	0.9	5.8	3.7	8.4	18.2
2/10/2012	0.00	1.0	3.0	0.9	5.8	3.7	8.3	18.2
2/11/2012	0.00	1.0	3.0	0.9	5.8	3.6	8.4	18.2
2/12/2012	0.00	1.0	3.1	0.9	5.7	3.6	8.3	18.2
2/13/2012	0.00	1.0	3.1	0.9	5.7	3.6	8.3	18.2
2/14/2012	0.00	1.0	3.1	0.9	5.7	3.6	8.4	18.2
2/15/2012	0.00	1.0	3.1	1.0	5.7	3.7	8.4	18.2
2/16/2012	0.00	1.0	3.1	0.9	5.7	3.7	8.4	18.2
2/17/2012	0.00	1.0	3.1	0.9	5.7	3.6	8.5	18.3
2/18/2012	0.00	1.0	3.1	0.9	5.7	3.6	8.4	18.2
2/19/2012	0.00	1.0	3.1	0.9	5.6	3.5	8.2	18.0

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcqs); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
2/20/2012	0.00	1.0	3.1	0.9	5.6	3.5	8.2	18.0
2/21/2012	0.00	1.0	3.1	0.9	5.6	3.4	8.2	18.0
2/22/2012	0.00	1.1	3.1	0.9	5.5	3.5	8.2	18.0
2/23/2012	0.00	1.1	3.1	0.9	5.6	3.4	8.1	17.9
2/24/2012	0.00	1.0	3.1	0.9	5.5	3.4	7.9	17.8
2/25/2012	0.00	1.0	3.1	0.9	5.5	3.4	7.8	17.6
2/26/2012	0.00	1.0	3.1	0.9	5.6	3.4	7.7	17.5
2/27/2012	0.00	1.0	3.1	0.9	5.5	3.4	7.7	17.5
2/28/2012	0.00	1.0	3.1	0.9	5.5	3.3	7.7	17.5
2/29/2012	0.00	1.0	3.1	0.9	5.4	3.3	7.5	17.4
3/1/2012	0.00	1.0	3.1	0.8	5.4	3.3	7.5	17.3
3/2/2012	0.00	1.0	3.1	1.0	5.4	3.3	7.6	17.4
3/3/2012	0.00	1.0	3.1	0.9	5.5	3.2	7.4	17.3
3/4/2012	0.00	1.0	3.1	1.0	5.4	3.2	7.3	17.2
3/5/2012	0.00	1.0	3.0	0.9	5.5	3.3	7.5	17.3
3/6/2012	0.00	1.0	3.1	0.9	5.4	3.2	7.6	17.4
3/7/2012	0.00	1.0	3.0	0.9	5.4	3.2	7.6	17.4
3/8/2012	0.00	1.0	3.0	0.9	5.5	3.2	7.6	17.4
3/9/2012	0.00	1.0	3.1	0.9	5.5	3.2	7.5	17.4
3/10/2012	0.00	1.0	3.1	0.9	5.5	3.2	7.6	17.5
3/11/2012	0.00	1.0	3.1	0.9	5.4	3.2	7.6	17.4
3/12/2012	0.00	1.0	3.1	0.8	5.5	3.2	7.5	17.4
3/13/2012	0.00	1.0	3.1	0.8	5.4	3.2	7.6	17.5
3/14/2012	0.00	1.0	3.0	0.9	5.4	3.2	7.5	17.4
3/15/2012	0.00	1.0	3.0	0.9	5.4	3.2	7.5	17.3
3/16/2012	0.00	1.0	3.1	0.9	5.4	3.2	7.4	17.3
3/17/2012	0.00	1.0	3.0	0.8	5.5	3.2	7.6	17.4
3/18/2012	0.00	1.0	3.1	0.9	5.4	3.2	7.7	17.5
3/19/2012	0.00	1.0	3.0	0.9	5.5	3.1	7.9	17.7
3/20/2012	0.00	1.0	3.1	0.9	5.4	3.2	7.9	17.7
3/21/2012	0.00	1.0	3.1	0.9	5.4	3.2	7.7	17.6
3/22/2012	0.00	1.0	3.1	1.0	5.5	3.2	7.6	17.5
3/23/2012	0.00	1.0	3.1	0.9	5.4	3.2	7.5	17.4
3/24/2012	0.00	1.0	3.0	0.9	5.5	3.2	7.6	17.4
3/25/2012	0.00	1.0	3.1	0.9	5.5	3.2	7.7	17.5
3/26/2012	0.00	1.0	3.0	0.9	5.5	3.1	7.7	17.5
3/27/2012	0.00	1.0	3.1	0.9	5.5	3.1	7.6	17.5
3/28/2012	0.00	1.0	3.1	0.9	5.4	3.1	7.7	17.5
3/29/2012	0.00	1.0	3.1	0.9	5.4	3.1	7.6	17.5
3/30/2012	0.00	1.0	3.0	0.9	5.4	3.1	7.6	17.4
3/31/2012	0.00	1.0	3.0	0.9	5.4	3.2	7.6	17.4
4/1/2012	438.00	89.95	248.08	223.85	214.43	193.11	180.64	178.5
4/2/2012	1170.00	567.71	248.54	223.87	214.45	193.18	181	178.74
4/3/2012	1170.00	1135.12	1104.06	834.9	223.14	193.12	181.09	178.89
4/4/2012	1280.00	1177.03	1126.3	1043.51	1010.1	944.76	181.44	179.05
4/5/2012	1460.00	1314.07	1242.65	1126.8	1075.82	976.67	886.79	880.29
4/6/2012	1440.00	1412.14	1392.24	1288.78	1225.87	1125.74	988.1	977.87
4/7/2012	1390.00	1380.49	1369.86	1298.14	1262.78	1235	1151.19	1142.02
4/8/2012	1390.00	1351.21	1328.4	1255.89	1225.3	1211	1151.9	1145.78
4/9/2012	1380.00	1347.27	1326.76	1248.74	1211.39	1188.89	1116.77	1110.59
4/10/2012	1370.00	1337.43	1317.08	1240.82	1205.12	1190.52	1117.23	1110.54
4/11/2012	1370.00	1331.47	1308.81	1231.64	1195.84	1182.16	1111.81	1105.27
4/12/2012	1370.00	1331.4	1308.55	1229.95	1089.62	1109.46	1078.26	1074.56
4/13/2012	1170.00	1254.32	1282.14	1229.62	1064.93	1054.34	995.42	989.87
4/14/2012	960.00	1062.58	1095.74	1079.16	962.78	999.73	975.04	970.17
4/15/2012	950.00	925.82	914.83	899.99	784.04	822.09	832.86	832.34
4/16/2012	950.00	919.33	901.49	841.75	712.71	681.53	668.95	668.58
4/17/2012	950.00	919.29	901.12	838.94	714.52	684.94	633.19	628.26
4/18/2012	950.00	919.27	901.13	839.06	692.03	675.25	634.68	630.45
4/19/2012	913.00	907.1	898.52	838.94	681.41	659.1	614.84	610.62

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcdis); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
4/20/2012	827.00	855.39	861.05	815.31	674.32	656	607.56	602.8
4/21/2012	796.00	789.21	783.96	752.61	622.78	623.29	594.65	591.07
4/22/2012	796.00	768.34	753.68	708.14	570.56	555.48	542.13	540.14
4/23/2012	800.00	769.59	752.22	696.92	553.3	526.61	498.46	495.23
4/24/2012	809.00	775	756.02	699.06	555.66	524.19	485.16	481.05
4/25/2012	872.00	800.37	766.44	705.62	538.35	515.64	484.81	480.97
4/26/2012	922.00	858.9	826.12	746.36	552.87	505.61	469.02	465.38
4/27/2012	1013.00	904.77	874.96	798.31	605.86	556.01	486	479.99
4/28/2012	921.00	884.93	902.35	839.22	647.53	601.65	540.74	534.88
4/29/2012	808.00	758.62	777.07	763.01	661.67	647.08	582.73	575.41
4/30/2012	807.00	681.58	675.26	660.14	560.72	570.13	568.95	567.4
5/1/2012	813.00	681.86	665.48	615.17	587.88	529.2	490.98	488.03
5/2/2012	830.00	681.96	670.04	617.27	592.9	559.34	516.81	511.52
5/3/2012	837.00	669.36	658.2	612.58	591.85	562.63	519.03	514.49
5/4/2012	460.00	580.44	642.98	601.54	580.65	552.66	516.43	512.67
5/5/2012	160.00	294.84	397.68	465.5	499.9	539.1	506.43	502.61
5/6/2012	155.00	126.67	282.69	305.13	331.99	375.2	435.27	437.51
5/7/2012	151.00	90.17	248.88	239.89	243.3	264.56	308.87	310.59
5/8/2012	95.00	90.43	455.37	416.3	340.97	211.08	232.1	232.03
5/9/2012	0.00	89.62	416.84	379.4	364.84	363.94	193.46	192.28
5/10/2012	0.00	89.78	247.82	224.72	288.63	330.79	325.18	324.55
5/11/2012	0.00	89.96	248.11	223.59	214.34	211.05	297.05	297.21
5/12/2012	0.00	89.95	248.05	223.89	214.43	192.98	187.86	188.64
5/13/2012	0.00	89.96	248.11	223.94	214.42	193.16	180.72	178.55
5/14/2012	0.00	89.97	248.09	223.89	214.44	193.17	180.82	178.63
5/15/2012	0.00	89.96	248.05	223.92	214.42	193.13	180.65	178.49
5/16/2012	109.00	89.95	248.04	223.86	214.47	193.19	180.39	178.24
5/17/2012	226.00	87.07	248.03	223.88	214.47	193.11	180.33	178.11
5/18/2012	153.00	186.25	442.94	417.16	339.64	193.16	180.24	177.99
5/19/2012	145.00	128.42	378.45	347.19	349.1	362.07	180.27	178.02
5/20/2012	144.00	89.33	251.05	237.63	283.09	301.45	318.39	318.43
5/21/2012	160.00	90.14	248.01	223.91	217.68	216.83	272.35	271.09
5/22/2012	222.00	90.2	248.15	223.98	214.34	194.72	193.87	193.77
5/23/2012	223.00	89.98	248.14	223.89	214.48	193.09	180.72	178.79
5/24/2012	226.00	89.95	357.68	323.72	253.03	193.13	180.28	178.1
5/25/2012	221.00	87.32	248.14	224	272.13	279.34	180.33	178.1
5/26/2012	215.00	89.76	247.8	223.05	214.51	208.61	257.82	255.45
5/27/2012	215.00	90.12	248.04	223.75	214.11	192.86	186.16	186.51
5/28/2012	215.00	90.19	248.15	223.9	214.41	192.96	180.19	178.1
5/29/2012	1044.00	90.18	248.12	223.91	214.48	193.17	180.27	178.18
5/30/2012	1273.00	871.65	709.59	223.94	214.5	193.16	180.31	178.1
5/31/2012	1145.00	977.14	987.76	877.46	742.98	184.74	180.21	178.02
6/1/2012	1303.00	944.61	887.65	849.35	398.19	558.93	622.66	617.16
6/2/2012	1509.00	1133.16	931.06	848.45	318.05	296	378.71	384.84
6/3/2012	1507.00	1278.71	1096.2	996.53	389.3	286.83	265.82	263.59
6/4/2012	1526.00	1284.9	1108.1	1031.96	482.78	424.55	286.52	278.09
6/5/2012	1706.00	1367.39	1152.3	1052.49	386.69	401.54	404.59	400.25
6/6/2012	1838.00	1565.4	1334.78	1197.22	436.55	346.62	341.78	341.8
6/7/2012	1848.00	1689.23	1507.97	1399.05	628.8	499.86	352.09	342.85
6/8/2012	1997.00	1719.34	1435.83	1366.07	650.13	636.9	570.65	559.56
6/9/2012	2094.00	1802.96	1469.95	1373.2	645.7	588.86	556.65	554.34
6/10/2012	2089.00	1855.92	1607.54	1491.78	773.01	667.21	569.52	562.65
6/11/2012	2009.00	1818.58	1656.74	1563.91	870.35	813.62	718.92	709.26
6/12/2012	1960.00	1753.85	1581.66	1507.9	980.55	927.53	826.06	815.51
6/13/2012	1860.00	1690.21	1512.96	1451.15	880.64	893.86	867.38	864.3
6/14/2012	1710.00	1564.1	1416.39	1366.14	796.37	806.98	782.32	779.05
6/15/2012	1699.00	1451.23	1256.86	1212.8	658.31	697.67	700.97	699.19
6/16/2012	1744.00	1447.42	1227.97	1151.29	518.42	536.15	559.26	560.43
6/17/2012	1747.00	1520.47	1258.76	1168.89	522.32	490.36	456.42	454.77
6/18/2012	1660.00	1530.22	1330.59	1251.62	616.23	533.14	463.21	458.35

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcdis); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
6/19/2012	1650.00	1478.42	1265.47	1194.77	649.53	622.07	557.8	548.37
6/20/2012	1670.00	1497.77	1282.15	1199.35	631.88	597.41	562.2	559.78
6/21/2012	1695.00	1521.82	1320.78	1230.73	672.76	619.2	556.97	551.77
6/22/2012	1700.00	1518.8	1325.02	1251.71	679.34	646.59	595.21	589.87
6/23/2012	1689.00	1481.86	1295.85	1225.17	628.2	618.96	593.37	589.45
6/24/2012	1691.00	1461.4	1237.19	1174.93	558.17	563.01	544.77	542.07
6/25/2012	1733.00	1474.99	1212.47	1140.91	513.9	500.34	484.14	482.28
6/26/2012	1767.00	1509.88	1273.94	1178.77	532.96	479.08	447.47	444.69
6/27/2012	1684.00	1498.99	1306.35	1229.9	558.69	521.71	465.08	459.4
6/28/2012	1593.00	1418.31	1237.24	1183.04	544.16	534.47	491.38	486
6/29/2012	1624.00	1372.02	1162.23	1099.65	453.81	467.91	471.17	469.33
6/30/2012	1652.00	1399.53	1186.31	1105.28	436.41	395.02	395.02	394.1
7/1/2012	1659.00	1418.81	1208.36	1129.01	480.26	426.33	368.97	364.53
7/2/2012	1662.00	1425.25	1215.21	1138.19	522.67	473.37	411.56	406.1
7/3/2012	1566.00	1395.77	1212.56	1146.39	549.91	505.68	451.87	446.76
7/4/2012	1507.00	1319.44	1152.45	1095.83	553.41	531.22	480.17	474.7
7/5/2012	1413.00	1260.23	1094.35	1039.65	556.49	528.85	485.12	481.17
7/6/2012	1337.00	1214.76	1024.1	977.83	543.16	529.51	489.78	485.75
7/7/2012	1231.00	1150.5	956.36	919.65	532.99	509.94	479.38	476.03
7/8/2012	1118.00	1047.37	849.35	829.38	496.87	506.91	471.56	467.18
7/9/2012	1125.00	977.6	767.82	739.73	464.81	463.89	449.37	447.27
7/10/2012	975.00	970.13	776.17	722.55	430.04	414.89	415.07	412.72
7/11/2012	853.00	903.59	754.74	713.5	435.3	417.19	378.22	374.72
7/12/2012	889.00	833.32	659.27	645.22	384.65	396.99	380.73	377.9
7/13/2012	954.00	873.38	678.68	621.92	329.34	317.36	343.27	342.86
7/14/2012	1009.00	936.39	720.53	656.55	357.42	308.88	281.18	279.71
7/15/2012	1052.00	991.71	780.89	708.89	350.34	322.73	292.46	287.93
7/16/2012	1414.00	1071.42	831.29	755.7	396.99	341.06	295.21	292.3
7/17/2012	1755.00	1310.44	1014.47	874.59	420.25	357.86	326.28	321.1
7/18/2012	1901.00	1574.47	1327.56	1184.21	548.79	427.74	345.46	338.45
7/19/2012	1953.00	1679.15	1452.86	1349.66	686.21	631.56	501.77	485.84
7/20/2012	1949.00	1716.37	1477.33	1396.35	634	642.07	614.86	610.03
7/21/2012	1933.00	1714.77	1441.1	1377.24	603.21	593.47	558.13	554.27
7/22/2012	1923.00	1700.15	1422.91	1349.21	546.05	538.52	525.3	522.91
7/23/2012	1941.00	1702.91	1421.41	1343.82	549.57	519.29	479.42	476.28
7/24/2012	1962.00	1721.37	1432.9	1352.37	627.67	565.9	486.34	480.85
7/25/2012	1923.00	1715.49	1450.67	1376.27	691.02	643.14	566.32	559.54
7/26/2012	1857.00	1631.57	1393.28	1343.42	675.56	670.38	627.23	621.83
7/27/2012	1829.00	1545.36	1280.9	1231	594.67	616.44	601.44	598.12
7/28/2012	1783.00	1521.09	1255.36	1192.62	533.31	529.85	520.83	520.11
7/29/2012	1747.00	1512.68	1238.35	1171.38	506.42	499	473.19	470.28
7/30/2012	1796.00	1529.58	1248.36	1174.88	508.08	481.48	448.81	445.85
7/31/2012	1891.00	1577.12	1276.64	1194.39	528.76	491.88	446.69	442.55
8/1/2012	1900.00	1631.06	1348.88	1260.01	576.26	520.69	463.93	459.19
8/2/2012	1792.00	1598.9	1344.26	1287.11	607.4	579.94	515.37	508.69
8/3/2012	1703.00	1495.96	1239.02	1198.64	525.4	547.11	538.47	534.54
8/4/2012	1675.00	1434.44	1178.1	1123.33	439.25	445.19	458.98	458.58
8/5/2012	1665.00	1418.63	1176.13	1109.52	397.19	381.54	385.46	384.29
8/6/2012	1707.00	1430.37	1177.25	1107.01	407.68	372.93	344.88	342.48
8/7/2012	1797.00	1494.08	1223.52	1136.91	463.86	395.82	347.38	343.71
8/8/2012	1864.00	1574.76	1309.72	1219.15	547.49	472.64	392.96	385.92
8/9/2012	1888.00	1622.22	1331.17	1257.55	570.47	544.55	481.21	474.15
8/10/2012	1954.00	1666.56	1328.85	1296.83	556.68	530.95	499.94	496.68
8/11/2012	2035.00	1739.73	1409.2	1346.07	607.91	543.37	486.57	482.13
8/12/2012	2014.00	1806.39	1483.36	1474.98	729.72	643.1	540.99	533.65
8/13/2012	2006.00	1816.83	1508.09	1519.24	767.35	731.77	668.19	660.3
8/14/2012	1363.00	1603.01	1423.76	1489.33	736.07	719.96	682.71	677.97
8/15/2012	992.00	1183.08	1119.7	1234.2	672.95	677.93	660.28	654.55
8/16/2012	950.00	946.35	934.28	939.82	742.02	692.26	610.54	602.96
8/17/2012	950.00	919.32	896.38	854.1	645.41	638.8	639.09	640.53

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcqs); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
8/18/2012	950.00	919.32	895.39	842.65	623.4	609.28	579.64	576.32
8/19/2012	950.00	919.34	895.43	842.53	617.94	601.75	561.49	557.32
8/20/2012	945.00	917.64	895.09	842.52	614.68	598.83	556.85	552.51
8/21/2012	945.00	914.42	890.61	839.26	645.1	615.44	558.07	552.75
8/22/2012	941.00	912.99	890.27	837.69	667.67	640.67	585.84	580.49
8/23/2012	853.00	881.94	880.95	834.72	647.65	637.23	600.75	596.62
8/24/2012	740.00	789.72	798.9	778.95	605.28	618.4	582.09	577.67
8/25/2012	745.00	714.95	699.74	690.26	523.31	542.51	537.39	535.58
8/26/2012	745.00	718.36	696.76	651.02	479	460.97	463.53	462.57
8/27/2012	745.00	718.36	697.06	652.93	483.46	458.81	420.01	415.75
8/28/2012	715.00	709.87	696.34	652.84	451.2	443.22	424.09	420.65
8/29/2012	695.00	683.58	669.92	637.52	432.49	421.18	396.67	393.97
8/30/2012	703.00	671.43	650.69	615.34	395.41	388.9	380.38	378.1
8/31/2012	707.00	678.35	655.98	610.6	382.29	359.87	347.45	345.26
9/1/2012	711.00	682.23	660.17	615.88	390.98	360.31	330.58	327.52
9/2/2012	715.00	686.17	664.02	619.42	396.79	366.68	337.21	333.62
9/3/2012	627.00	666.86	666.08	623.05	401.43	371.65	341.86	338.39
9/4/2012	559.00	588.27	592.94	584.51	408.57	386.94	346.28	342.79
9/5/2012	559.00	536.72	528.59	516.49	450.17	397.41	359.25	356.47
9/6/2012	555.00	535.77	517.82	481.92	458.33	424.83	386.42	380.61
9/7/2012	551.00	531.89	514.67	480	450.04	428.21	397.81	393.31
9/8/2012	544.00	527.49	510.83	476.6	341.67	382.09	394.9	391.62
9/9/2012	537.00	520.57	504.6	472.02	255.84	298.26	328.77	328.76
9/10/2012	529.00	513.64	497.97	465.63	140.32	225.9	260.41	260.62
9/11/2012	522.00	506.04	490.61	458.57	113.32	129.1	195.04	197.61
9/12/2012	512.00	498.82	483.83	450.86	271.66	124.91	120.68	120.79
9/13/2012	269.00	453.61	474.31	442.47	418.45	311.04	150.46	138.65
9/14/2012	0.00	270.92	357.2	381.81	402.78	393.67	328.45	317.62
9/15/2012	0.00	0.97	3.07	0.82	5.59	4.56	21.76	33.01
9/16/2012	0.00	0.97	3.04	0.84	5.55	3.30	8.85	18.77
9/17/2012	0.00	0.97	3.09	0.84	5.52	3.20	7.61	17.54
9/18/2012	0.00	0.98	3.05	0.89	5.55	3.15	7.19	17.00
9/19/2012	0.00	0.98	3.08	1.99	5.90	3.18	7.27	17.10
9/20/2012	0.00	0.96	3.08	3.56	7.46	3.71	7.41	17.26
9/21/2012	0.00	0.99	3.06	3.55	8.31	5.20	8.05	17.82
9/22/2012	0.00	0.97	3.03	2.38	7.37	5.52	9.18	19.03
9/23/2012	0.00	0.95	3.07	1.31	6.42	4.66	9.19	19.07
9/24/2012	0.00	0.96	3.06	0.82	5.58	3.73	8.41	18.27
9/25/2012	0.00	0.96	3.09	0.83	5.46	3.16	7.79	17.56
9/26/2012	0.00	0.97	3.08	0.83	5.41	3.08	7.54	17.34
9/27/2012	0.00	0.95	3.07	0.89	5.45	3.10	7.46	17.26
9/28/2012	0.00	0.97	3.06	0.83	5.42	3.11	7.33	17.22
9/29/2012	0.00	0.96	3.02	0.85	5.45	3.12	7.30	17.14
9/30/2012	0.00	0.98	3.03	0.87	5.41	3.08	7.34	17.13
10/1/2012	0.00	0.96	3.06	0.79	5.44	3.13	7.26	17.17
10/2/2012	0.00	0.96	3.04	0.84	5.42	3.08	7.30	17.10
10/3/2012	0.00	0.96	3.05	0.91	5.44	3.08	7.46	17.30
10/4/2012	0.00	0.96	3.06	0.89	5.38	3.14	7.52	17.30
10/5/2012	0.00	0.96	3.04	0.85	5.39	3.08	7.25	17.02
10/6/2012	0.00	0.99	3.03	0.81	5.37	3.07	7.07	16.87
10/7/2012	0.00	0.96	3.09	0.82	5.42	3.09	7.10	16.92
10/8/2012	0.00	0.96	3.06	0.84	5.40	3.09	7.10	16.90
10/9/2012	0.00	0.96	3.03	0.85	5.38	3.10	7.14	16.95
10/10/2012	0.00	0.97	3.06	0.83	5.40	3.06	7.12	16.95
10/11/2012	0.00	0.95	3.04	0.85	5.41	3.05	7.09	16.95
10/12/2012	0.00	0.98	3.09	0.91	5.41	3.08	7.14	16.97
10/13/2012	0.00	0.99	3.04	0.86	5.40	3.11	7.15	16.96
10/14/2012	0.00	0.95	3.04	0.90	5.41	3.07	7.13	16.97
10/15/2012	0.00	0.98	3.10	0.81	5.40	3.10	7.15	16.96
10/16/2012	0.00	0.96	3.07	0.86	5.41	3.07	7.29	17.16

Table B-6: Mean Daily Flow Summary of HEC RAS Results at River Gage Sites

HEC-RAS hydrographs at gaged locations.

The hydrograph at River Station (RS) 564639.1 is 2010-2012 Caballo Release input to HEC-RAS. All others are output.

The HECRAS modeling ends on 9/14/12. Grey Cells Represent values beyond HEC-RAS end date that were supplemented from 2011.

The HEC-RAS model requires a 0.5 foot tolerance in the water surface elevations for numerical stability during low flows. The tolerance results in erroneous baseflows that are subtracted out during periods of low flow in this table. Values were estimated by graphical inspection of HEC-RAS output, and the subtractions were computed as the difference between the observed value and the mean measured flow during the low flow period. The values and the subtractions applied in this table are: Caballo = NA, Haynor = 90 cfs observed (89 cfs subtracted), Leasburg = 250 cfs observed (245 cfs subtracted), Picacho = 225 cfs observed (223 cfs subtracted), Mesilla = 209 observed (210 cfs subtracted), Anthony = 195 observed (190 cfs subtracted), El Paso = 180 observed (173 cfs subtracted), American = 180 observed (161 cfs subtracted). Values with baseflows subtracted are presented in red.

Input to the upstream and downstream channel flow parameters (Qcus and Qcdis); Use in estimating stormwater flows (Qcin) in Table C-5.

RAS RS>>	RS 564639.1	RS 390175.1	RS 317830.3	RS 236225.7	RS 197199.5	RS 101318.5	RS 8864.62	RS 418.27
Date	Caballo (CFS)	Haynor (CFS)	Leasburg (CFS)	Picacho (CFS)	Below Mesilla (CFS)	Anthony (CFS)	El Paso (CFS)	American (CFS)
10/17/2012	0.00	0.96	3.09	0.89	5.43	3.10	7.39	17.23
10/18/2012	0.00	0.99	3.05	0.85	5.40	3.09	7.54	17.30
10/19/2012	0.00	0.99	3.07	0.90	5.42	3.10	7.65	17.39
10/20/2012	0.00	0.96	3.05	0.78	5.40	3.08	7.57	17.43
10/21/2012	0.00	0.98	3.10	0.82	5.43	3.05	7.58	17.42
10/22/2012	0.00	0.95	3.05	0.81	5.41	3.09	7.68	17.54
10/23/2012	0.00	0.95	3.08	0.90	5.36	3.10	8.38	18.11
10/24/2012	0.00	0.96	3.06	0.90	5.43	3.12	8.58	18.38
10/25/2012	0.00	0.98	3.04	0.85	5.37	3.07	8.77	18.54
10/26/2012	0.00	0.97	3.04	0.80	5.41	3.08	8.09	17.97
10/27/2012	0.00	0.95	3.10	0.88	5.41	3.09	7.72	17.56
10/28/2012	0.00	0.98	3.07	0.83	5.44	3.08	7.74	17.53
10/29/2012	0.00	0.99	3.05	0.86	5.43	3.20	7.66	17.43
10/30/2012	0.00	0.98	3.05	0.93	5.36	3.13	7.58	17.38
10/31/2012	0.00	0.96	3.06	0.82	5.42	3.13	7.66	17.44
11/1/2012	0.00	0.95	3.06	0.86	5.44	3.17	7.60	17.39
11/2/2012	0.00	0.97	3.02	0.91	5.45	3.18	7.59	17.42
11/3/2012	0.00	0.96	3.06	0.80	5.44	3.20	7.73	17.48
11/4/2012	0.00	0.97	3.07	0.89	5.48	3.27	8.10	17.89
11/5/2012	0.00	0.98	3.05	0.85	5.53	3.32	8.57	18.36
11/6/2012	0.00	0.96	3.08	0.81	5.58	3.38	8.37	18.26
11/7/2012	0.00	0.96	3.07	0.80	5.62	3.42	8.41	18.23
11/8/2012	0.00	0.95	3.06	0.91	5.67	3.44	8.44	18.26
11/9/2012	0.00	0.98	3.01	0.84	5.70	3.53	8.67	18.40
11/10/2012	0.00	0.96	3.07	0.84	5.71	3.59	8.52	18.37
11/11/2012	0.00	0.98	3.11	0.81	5.77	3.58	8.70	18.43
11/12/2012	0.00	0.98	3.06	0.87	5.88	3.63	8.84	18.66
11/13/2012	0.00	0.96	3.06	0.85	5.90	3.72	8.89	18.67
11/14/2012	0.00	0.99	3.05	0.88	5.96	3.77	8.90	18.78
11/15/2012	0.00	0.98	3.03	0.88	5.98	3.80	8.98	18.79
11/16/2012	0.00	1.00	3.10	0.84	5.93	3.86	9.03	18.81
11/17/2012	0.00	0.98	3.09	0.82	5.92	3.89	9.03	18.83
11/18/2012	0.00	1.00	3.04	0.83	5.98	3.81	9.14	18.90
11/19/2012	0.00	0.99	3.06	0.85	5.91	3.80	9.04	18.86
11/20/2012	0.00	1.00	3.03	0.88	5.96	3.80	9.05	18.87
11/21/2012	0.00	0.99	3.08	0.84	5.95	3.83	9.25	18.99
11/22/2012	0.00	0.99	3.08	0.87	5.98	3.85	9.25	19.07
11/23/2012	0.00	1.03	3.10	0.90	5.99	3.84	9.49	19.24
11/24/2012	0.00	1.01	3.09	0.85	6.00	3.87	9.45	19.32
11/25/2012	0.00	1.01	3.02	0.88	5.98	3.86	9.45	19.30
11/26/2012	0.00	1.02	3.06	0.87	5.99	3.91	9.28	19.06
11/27/2012	0.00	1.00	3.08	0.88	6.02	3.88	9.17	18.94
11/28/2012	0.00	0.99	3.06	0.87	6.02	3.94	8.94	18.77
11/29/2012	0.00	0.96	3.09	0.96	6.01	3.92	8.83	18.65
11/30/2012	0.00	0.96	3.09	0.90	6.01	3.94	8.83	18.60