



US Army Corps
of Engineers®

Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Turbidity Data
4-22-14 to 7-9-14
(periods of dredging)

All values in nephelometric turbidity units (NTU)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
4/22/2014 13:30	8.50	5.60	15.30	2.30	6.20
4/22/2014 13:15	14.40	186.10	8.60	5.60	180.50
4/22/2014 12:30	8.50	5.90	14.10	2.40	6.10
4/22/2014 14:00	8.80	5.50	14.10	2.30	6.50
4/22/2014 12:45	8.50	5.50	14.80	2.30	6.20
4/22/2014 13:45	8.60	5.60	14.60	2.40	6.20
4/22/2014 13:00	8.50	5.50	14.70	2.40	6.10
4/22/2014 14:15	15.70	2.30	8.60	5.40	10.30
5/3/2014 15:45	8.00	8.10	9.50	6.20	1.90
5/5/2014 8:15	5.50	4.70	11.10	12.30	0.00
4/30/2014 18:30	9.20	6.20	10.00	8.40	0.80
5/2/2014 3:45	5.10	4.50	8.50	9.00	0.00
5/1/2014 17:45	11.30	5.50	8.90	9.00	2.40
5/3/2014 0:45	5.50	4.60	7.60	6.10	0.00
5/3/2014 22:30	9.30	11.80	9.50	6.40	5.40
5/2/2014 1:30	4.80	4.40	8.20	8.70	0.00
4/29/2014 16:30	13.20	11.70	9.40	6.00	7.20
4/28/2014 15:15	9.30	5.70	12.70	13.90	0.00
4/30/2014 22:15	10.30	13.20	9.10	6.30	6.90
5/1/2014 18:45	7.10	5.50	8.60	11.50	0.00
5/4/2014 9:00	8.80	232.30	9.40	6.40	225.90
5/3/2014 6:15	7.40	7.60	8.10	4.90	2.70
5/3/2014 17:15	9.50	6.30	8.40	8.50	1.10
4/28/2014 15:30	9.40	5.70	12.60	15.50	0.00
4/29/2014 7:45	5.10	4.10	11.10	10.90	0.00
5/1/2014 23:15	8.50	8.80	4.80	4.30	4.50
5/5/2014 16:15	10.30	6.80	11.50	209.10	0.00
5/2/2014 23:45	7.90	5.60	8.10	7.50	0.40
5/3/2014 17:00	8.00	8.60	9.60	6.30	2.30
5/4/2014 7:15	8.40	8.40	9.40	6.40	2.00
5/5/2014 12:00	11.10	261.70	9.30	6.50	255.20
5/2/2014 1:15	4.80	4.40	8.00	11.50	0.00
5/3/2014 11:45	9.50	17.90	9.60	5.80	12.10
5/5/2014 10:45	13.60	2.30	8.60	4.60	0.00
5/2/2014 13:45	8.20	8.90	9.10	6.30	2.60
4/28/2014 17:45	9.30	5.80	12.50	12.70	0.00
5/1/2014 4:45	7.80	5.50	9.30	8.00	0.00
4/28/2014 18:45	13.00	13.80	9.20	5.80	8.00
4/29/2014 14:00	14.10	12.80	9.60	5.80	8.30
4/29/2014 21:45	12.30	27.20	4.90	4.10	23.10
4/30/2014 2:15	12.00	10.40	5.00	4.40	7.60
4/30/2014 17:00	9.20	5.80	10.60	9.20	0.00
5/2/2014 12:00	9.10	6.20	8.00	7.50	1.60
5/5/2014 0:30	10.70	34.70	9.20	6.50	28.20
5/3/2014 11:15	8.10	9.70	9.70	5.70	4.00
5/2/2014 22:30	7.20	5.40	8.00	6.80	0.40
5/4/2014 21:15	9.20	6.50	11.80	365.60	0.00
4/30/2014 10:45	9.40	5.50	11.60	11.10	0.00
5/5/2014 10:15	13.60	14.90	7.80	4.90	10.00
5/1/2014 5:15	9.60	95.20	8.20	5.70	89.50
4/29/2014 13:45	14.70	12.40	9.70	5.90	8.80
5/3/2014 1:45	5.70	4.80	7.70	6.90	0.00
5/4/2014 19:45	9.20	6.50	11.90	11.50	0.00
5/1/2014 16:45	6.90	5.80	9.00	9.60	0.00
5/3/2014 3:15	7.70	4.90	8.00	8.80	0.00
5/4/2014 18:30	9.40	6.40	11.20	167.10	0.00
4/30/2014 20:15	10.40	7.90	9.10	6.30	4.10
5/4/2014 7:45	9.50	6.50	8.70	21.20	0.80
4/28/2014 18:00	9.20	5.80	10.90	12.50	0.00
5/2/2014 14:00	8.00	10.00	8.90	6.20	3.80
5/1/2014 20:45	5.50	4.80	8.90	11.70	0.00
5/3/2014 1:30	5.60	4.70	7.60	7.30	0.00
5/4/2014 11:00	9.30	6.10	8.60	341.70	0.70
5/2/2014 21:45	6.60	5.30	7.80	6.70	0.00
5/4/2014 9:15	9.40	6.40	8.90	669.10	0.50
5/1/2014 13:00	9.20	6.20	9.70	11.50	0.00
5/3/2014 8:00	8.80	5.20	7.80	9.70	1.00
5/4/2014 4:30	9.40	6.50	8.60	8.40	1.00
4/28/2014 21:15	11.80	12.40	9.20	5.80	6.60
5/2/2014 19:00	9.20	6.30	8.00	8.30	1.20
5/4/2014 3:00	8.30	9.50	9.40	6.40	3.10
4/29/2014 22:30	4.90	4.10	12.60	10.40	0.00
5/2/2014 7:00	8.50	10.50	6.00	5.00	5.50
4/29/2014 16:15	9.50	5.90	12.00	12.00	0.00
5/3/2014 9:45	9.40	5.60	7.80	19.50	1.60
5/4/2014 14:30	9.30	6.40	11.10	13.40	0.00
4/29/2014 3:45	10.40	13.30	5.30	4.20	9.10
5/2/2014 12:45	9.20	7.70	9.10	6.20	3.00
4/30/2014 22:45	9.10	8.30	9.10	6.30	2.80
5/1/2014 2:45	9.10	6.30	9.60	7.80	1.30
5/1/2014 18:00	7.40	5.40	8.70	8.80	0.00
4/28/2014 20:45	9.30	5.90	11.40	13.60	0.00
4/30/2014 12:15	10.50	10.50	7.30	5.20	5.30
4/30/2014 12:30	7.40	5.20	12.00	10.70	0.00
5/5/2014 7:00	5.60	4.50	10.50	11.80	0.00
4/29/2014 23:45	4.80	4.20	13.30	11.70	0.00
4/28/2014 13:00	8.70	5.50	12.50	13.30	0.00
5/1/2014 15:15	9.30	13.70	9.20	6.30	7.40
5/2/2014 19:15	9.20	6.30	8.20	7.70	1.50



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/1/2014 3:00	9.00	6.30	10.60	7.50	1.50
5/1/2014 15:30	9.60	9.50	9.20	6.30	3.30
4/28/2014 13:15	12.80	11.80	8.90	5.60	7.20
4/30/2014 5:30	5.00	4.30	11.20	12.20	0.00
5/2/2014 10:15	8.00	10.30	9.00	6.10	4.20
5/1/2014 21:15	5.60	4.60	9.30	8.00	0.00
5/1/2014 2:00	10.00	7.30	9.00	6.30	3.70
5/4/2014 11:30	9.40	5.90	8.40	185.60	1.00
4/29/2014 20:00	11.20	10.80	5.00	4.20	7.00
5/1/2014 9:15	8.80	5.60	9.40	9.80	0.00
5/4/2014 10:00	8.30	237.20	9.40	6.40	230.80
4/30/2014 1:00	11.90	12.20	4.90	4.30	7.90
5/1/2014 22:00	9.00	9.90	5.40	4.70	5.20
5/4/2014 18:15	9.40	6.40	11.60	38.60	0.00
5/4/2014 22:00	9.10	6.50	12.00	26.20	0.00
5/1/2014 10:00	10.40	9.70	8.80	5.70	4.70
5/4/2014 3:30	8.70	9.70	9.40	6.40	3.30
4/30/2014 21:00	10.30	8.60	9.10	6.30	4.00
5/5/2014 5:45	9.20	9.10	9.20	6.50	2.70
5/4/2014 20:15	9.10	6.60	12.20	43.80	0.00
5/3/2014 20:30	9.80	6.40	8.90	10.90	0.90
5/1/2014 21:30	8.70	8.70	5.40	4.60	4.10
5/1/2014 9:45	9.80	9.90	8.60	5.70	4.20
5/4/2014 12:30	9.40	6.30	8.50	678.90	0.90
5/4/2014 23:30	9.10	6.50	10.80	51.90	0.00
4/29/2014 14:15	12.80	13.30	9.60	5.90	7.40
4/30/2014 14:45	11.60	11.00	9.40	5.70	5.90
5/4/2014 13:15	9.40	6.40	8.30	212.60	1.10
4/29/2014 10:15	7.30	4.70	18.20	16.90	0.00
4/30/2014 17:30	10.30	8.30	9.30	5.90	4.40
4/29/2014 19:45	5.20	4.30	11.30	12.90	0.00
4/28/2014 22:00	5.20	4.60	11.00	12.60	0.00
4/29/2014 5:00	5.20	4.20	10.70	12.20	0.00
5/3/2014 21:00	8.80	10.50	9.50	6.40	4.10
4/30/2014 6:45	12.10	11.60	5.40	4.40	7.70
5/2/2014 16:30	9.10	6.20	7.80	10.80	1.30
5/4/2014 4:15	8.70	9.90	9.40	6.50	3.40
4/28/2014 18:15	9.60	5.80	11.10	11.20	0.00
5/3/2014 1:15	5.60	4.60	7.80	17.50	0.00
4/28/2014 19:30	9.10	5.80	11.70	11.90	0.00
5/1/2014 1:45	9.00	6.30	8.90	9.00	0.10
5/5/2014 8:45	9.80	214.70	5.90	4.80	209.90
4/30/2014 6:15	14.00	13.30	5.30	4.40	9.60
4/30/2014 17:15	10.10	11.00	9.20	5.80	5.20
5/3/2014 16:30	9.60	6.30	8.20	8.70	1.40
5/4/2014 13:00	9.50	6.30	9.00	331.20	0.50
5/4/2014 0:00	9.40	6.40	10.20	10.60	0.00
4/30/2014 3:30	4.90	4.30	10.40	11.30	0.00
5/2/2014 8:15	6.80	5.30	8.10	12.70	0.00
5/1/2014 4:00	9.00	11.20	7.20	5.80	5.40
5/1/2014 7:15	10.30	9.20	6.90	5.20	5.10
4/30/2014 15:00	11.20	11.00	9.40	5.70	5.50
5/2/2014 19:45	7.90	9.20	9.20	6.30	2.90
5/5/2014 14:00	10.00	6.80	11.30	32.30	0.00
4/29/2014 2:30	5.40	4.20	10.90	15.70	0.00
5/2/2014 5:00	5.30	4.60	8.60	9.30	0.00
4/30/2014 11:30	9.40	5.70	12.50	10.10	0.00
5/2/2014 16:15	7.70	7.70	9.10	6.20	1.50
4/28/2014 15:45	9.60	5.70	14.10	13.30	0.00
5/4/2014 5:30	9.40	6.40	8.80	21.30	0.60
5/5/2014 15:30	10.50	6.20	11.20	69.90	0.00
4/30/2014 23:00	9.10	6.20	8.50	7.00	2.10
4/30/2014 5:45	5.10	4.40	12.60	12.10	0.00
5/4/2014 22:15	9.20	6.50	11.30	12.20	0.00
5/5/2014 0:15	9.10	6.60	11.00	42.10	0.00
4/28/2014 16:00	9.40	5.80	12.60	12.90	0.00
5/1/2014 19:30	8.40	9.90	6.40	5.30	4.60
5/1/2014 11:45	8.60	5.50	9.80	9.70	0.00
5/1/2014 0:00	9.00	6.20	9.20	10.40	0.00
4/30/2014 6:00	12.80	9.70	5.20	4.40	8.40
5/2/2014 7:45	6.40	5.30	9.40	12.90	0.00
4/29/2014 8:15	5.30	4.30	12.20	14.20	0.00
5/5/2014 5:15	9.10	6.50	8.70	36.20	0.40
4/30/2014 11:15	9.40	5.70	11.70	9.90	0.00
4/29/2014 20:30	5.00	4.20	11.70	11.50	0.00
5/2/2014 2:30	8.80	8.70	4.80	4.40	4.40
5/4/2014 18:00	10.90	19.10	9.40	6.40	12.70
5/5/2014 14:15	11.00	2.30	10.20	6.80	4.20
4/28/2014 13:30	12.30	11.50	9.00	5.70	0.00
5/2/2014 20:00	8.00	7.40	9.10	6.30	1.70
5/3/2014 19:15	9.20	12.10	9.50	6.40	5.70
5/5/2014 14:45	10.30	6.50	10.90	2.40	7.90
4/30/2014 23:30	9.10	6.30	9.40	9.30	0.00
5/3/2014 2:30	6.70	4.90	8.30	6.50	0.20
5/3/2014 23:00	9.50	6.40	9.80	10.70	0.00
4/30/2014 8:45	12.00	9.20	6.70	4.70	7.30
4/30/2014 3:15	13.10	11.50	4.90	4.40	8.70
5/1/2014 15:45	8.80	6.10	8.90	9.00	0.00
4/28/2014 21:30	9.20	5.90	10.20	12.80	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/1/2014 0:45	9.00	6.30	9.50	8.40	0.60
5/1/2014 16:00	9.00	9.00	8.70	6.10	2.90
5/5/2014 6:45	9.70	13.40	5.40	4.60	8.80
4/29/2014 5:15	11.80	13.30	5.30	4.20	9.10
5/4/2014 11:15	8.70	186.90	9.40	6.30	180.60
4/29/2014 11:00	9.00	4.90	10.70	11.90	0.00
5/3/2014 0:30	5.80	4.60	7.70	5.60	0.20
5/3/2014 19:00	9.50	6.40	10.40	13.20	0.00
5/2/2014 6:30	5.70	4.90	8.20	8.70	0.00
5/5/2014 12:45	13.60	623.20	9.70	6.30	616.90
5/4/2014 1:30	9.30	8.90	9.50	6.40	2.90
4/29/2014 16:45	12.90	11.90	9.40	6.00	6.90
5/3/2014 7:00	7.50	7.70	8.40	5.00	2.70
5/5/2014 14:30	10.30	6.70	11.10	2.30	8.00
5/1/2014 13:30	9.40	6.20	10.10	13.80	0.00
5/3/2014 8:30	9.10	5.20	7.80	6.90	2.20
4/29/2014 20:45	5.00	4.20	12.50	11.50	0.00
5/2/2014 4:45	5.20	4.60	8.20	8.60	0.00
4/28/2014 20:15	11.50	13.30	9.20	5.90	7.40
5/4/2014 9:45	9.40	6.40	8.50	427.00	0.90
5/1/2014 4:30	7.70	5.50	9.70	8.30	0.00
5/3/2014 10:15	9.40	4.60	8.50	15.70	0.90
4/30/2014 7:30	12.20	12.10	5.70	4.60	7.60
5/4/2014 2:00	9.50	6.40	9.00	9.60	0.50
5/1/2014 8:00	7.30	5.40	9.50	10.10	0.00
5/4/2014 18:45	10.40	131.60	9.30	6.50	125.10
4/30/2014 19:00	10.80	8.30	9.20	6.30	4.50
5/4/2014 4:45	8.40	8.40	9.50	6.50	1.90
4/30/2014 7:00	13.80	13.60	5.50	4.50	9.30
5/2/2014 5:15	8.10	15.30	5.30	4.60	10.70
5/4/2014 16:45	9.40	6.30	10.80	18.60	0.00
4/29/2014 6:30	5.20	4.20	12.80	12.20	0.00
5/2/2014 9:00	8.20	5.40	8.30	8.20	0.00
5/4/2014 17:30	9.30	6.30	12.30	13.60	0.00
4/29/2014 0:15	12.20	12.60	5.50	4.10	0.00
5/5/2014 3:45	8.60	5.60	13.60	38.70	0.00
4/28/2014 14:30	9.20	5.60	12.50	13.40	0.00
4/30/2014 12:45	18.10	11.50	7.70	5.30	12.80
5/3/2014 1:00	5.50	4.60	8.00	12.50	0.00
5/1/2014 22:15	9.20	9.00	5.40	4.70	4.50
4/29/2014 2:45	10.80	13.70	5.30	4.20	9.50
4/28/2014 22:45	5.10	4.20	14.00	12.70	0.00
4/30/2014 19:15	10.90	9.20	9.10	6.20	0.00
5/4/2014 9:30	8.40	581.50	9.40	6.40	575.10
4/29/2014 3:00	5.30	4.20	11.20	10.70	0.00
5/2/2014 14:15	8.10	8.60	9.00	6.20	2.40
5/5/2014 4:30	8.70	6.10	12.70	13.10	0.00
4/29/2014 9:00	6.00	4.50	25.10	25.50	0.00
5/3/2014 6:00	7.40	7.30	8.10	4.80	2.60
5/3/2014 16:15	9.50	6.30	8.00	8.80	1.50
5/2/2014 8:30	7.30	5.40	7.90	7.80	0.00
5/5/2014 13:45	10.10	6.80	15.40	311.30	0.00
5/1/2014 14:30	9.20	6.20	9.40	9.70	0.00
4/30/2014 3:45	5.00	4.30	12.00	12.00	0.00
4/30/2014 1:30	11.60	11.40	4.90	4.30	7.30
5/3/2014 6:30	7.80	7.20	8.10	4.90	0.00
5/4/2014 2:15	9.50	6.40	9.40	9.40	0.10
5/2/2014 20:30	6.00	5.10	7.90	44.30	0.00
4/29/2014 0:30	9.50	11.90	5.40	4.20	7.70
5/5/2014 5:00	8.60	9.20	9.30	6.70	2.50
4/28/2014 22:15	4.90	4.20	11.40	12.40	0.00
5/4/2014 11:45	7.90	657.10	9.60	5.90	651.20
5/3/2014 8:15	9.00	5.20	7.40	6.70	2.30
5/1/2014 18:15	6.80	5.30	8.60	9.70	0.00
4/30/2014 9:30	12.30	27.00	7.30	4.80	22.20
5/4/2014 4:00	8.60	8.90	9.40	6.50	2.40
4/29/2014 23:15	13.30	17.00	4.90	4.10	12.90
5/3/2014 12:00	9.40	7.70	9.70	5.80	3.60
5/4/2014 20:45	11.70	70.40	9.20	6.50	63.90
5/4/2014 16:00	9.80	10.20	9.30	6.30	3.90
5/1/2014 10:30	7.40	5.50	9.20	10.30	0.00
5/4/2014 2:45	8.80	9.30	9.50	6.60	0.00
4/30/2014 1:15	12.40	10.90	4.90	4.20	8.20
4/29/2014 8:30	14.40	15.10	5.50	4.40	10.70
5/1/2014 13:15	9.30	6.20	10.00	9.70	0.00
5/2/2014 11:00	8.80	6.10	9.20	7.30	1.50
5/4/2014 17:45	9.40	6.40	11.60	27.90	0.00
5/3/2014 15:00	9.50	6.20	7.70	8.10	1.80
5/1/2014 4:15	7.60	5.50	10.30	8.00	0.00
5/5/2014 15:15	10.30	6.50	10.60	15.70	0.00
5/2/2014 0:15	8.50	9.60	4.80	4.40	5.20
5/1/2014 20:15	9.30	8.70	6.30	5.00	4.30
5/3/2014 10:45	8.50	8.60	9.60	5.20	3.40
5/5/2014 10:30	8.30	4.70	13.80	16.40	0.00
4/29/2014 4:45	10.70	12.40	5.20	4.20	8.20
5/2/2014 0:30	4.80	4.40	8.00	9.20	0.00
5/4/2014 12:15	9.50	5.70	8.40	201.50	1.10
5/4/2014 7:30	9.50	6.40	8.60	8.90	0.90
4/30/2014 12:00	7.10	5.20	11.00	10.00	0.00



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Indiana Harbor and Canal
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4-22-14 to 7-9-14
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/3/2014 22:45	9.20	10.50	9.50	6.40	4.10
5/4/2014 8:00	9.40	6.40	8.00	20.50	1.40
4/30/2014 22:30	9.10	6.30	9.80	8.40	0.70
4/30/2014 8:15	6.20	4.70	9.80	12.20	0.00
4/30/2014 16:15	10.00	8.60	9.30	5.80	4.20
4/29/2014 7:15	5.10	4.10	11.00	11.90	0.00
4/30/2014 14:00	10.80	9.90	9.50	5.70	5.10
4/28/2014 23:00	5.40	4.20	12.10	11.60	0.00
5/1/2014 22:45	5.30	4.50	8.60	8.60	0.00
4/29/2014 13:00	13.20	13.40	9.90	5.40	8.00
4/29/2014 11:45	12.60	12.70	9.50	5.00	7.70
5/1/2014 2:15	9.00	6.30	8.90	7.80	1.20
5/2/2014 15:15	9.10	6.30	9.40	8.40	0.70
5/2/2014 15:30	9.10	6.20	8.30	20.00	0.80
4/29/2014 0:00	12.70	12.10	5.50	4.10	8.60
4/30/2014 21:45	10.50	7.60	9.00	6.30	4.20
5/4/2014 16:30	9.70	10.30	9.30	6.40	3.90
5/3/2014 6:45	8.20	5.00	7.90	7.10	1.10
5/1/2014 10:45	6.90	5.20	9.30	16.40	0.00
5/1/2014 18:30	6.90	5.40	10.80	11.20	0.00
5/4/2014 6:15	8.60	8.30	9.30	6.50	2.10
5/4/2014 17:15	9.30	6.30	9.90	12.20	0.00
5/2/2014 17:45	8.10	8.20	9.20	6.30	1.90
5/3/2014 14:45	8.30	7.80	9.50	6.20	2.10
5/3/2014 14:15	8.20	10.80	9.60	6.00	4.80
4/28/2014 12:30	8.10	5.40	12.20	12.00	0.00
4/29/2014 15:15	9.30	6.20	12.90	13.10	0.00
5/2/2014 18:45	9.30	6.30	7.70	13.20	1.60
5/3/2014 14:00	8.20	9.30	9.70	6.00	3.30
4/29/2014 18:00	9.60	6.00	14.50	13.30	0.00
5/4/2014 1:45	9.60	6.40	9.80	10.90	0.00
5/5/2014 9:00	6.00	4.80	8.60	74.00	0.00
4/29/2014 0:45	10.60	11.40	5.40	4.20	7.20
4/29/2014 15:30	12.10	12.30	9.40	6.00	6.30
4/30/2014 7:45	12.30	12.80	5.80	4.60	8.20
5/2/2014 9:45	8.70	5.60	8.70	8.00	0.70
5/5/2014 9:15	6.70	4.90	9.00	38.80	0.00
4/29/2014 21:15	12.40	12.50	5.00	4.20	8.30
4/30/2014 10:15	12.20	10.00	9.20	4.90	7.30
5/4/2014 17:00	9.40	6.40	10.20	19.60	0.00
5/5/2014 3:00	9.30	14.00	8.70	6.00	8.00
4/28/2014 18:30	11.70	12.60	9.70	5.80	6.80
5/3/2014 5:45	8.00	4.80	7.60	7.50	0.50
4/28/2014 12:15	7.80	5.40	8.50	12.50	0.00
5/1/2014 11:15	11.70	9.40	7.60	5.50	6.20
4/29/2014 9:15	6.00	4.60	23.90	24.40	0.00
4/29/2014 17:45	9.30	5.90	12.60	12.10	0.00
4/29/2014 18:45	5.20	4.30	12.30	11.10	0.00
4/28/2014 21:00	10.10	5.80	11.20	12.90	0.00
5/1/2014 12:15	9.40	8.70	9.20	6.20	3.20
5/4/2014 22:30	9.20	6.50	11.50	12.70	0.00
5/2/2014 2:45	8.50	10.10	4.90	4.50	5.60
5/2/2014 18:00	9.20	6.30	7.50	16.50	1.70
5/1/2014 12:30	9.20	6.20	9.40	10.40	0.00
5/2/2014 3:00	4.90	4.50	8.90	8.80	0.00
4/29/2014 9:45	6.20	4.60	18.10	14.60	0.00
5/1/2014 17:00	6.80	5.70	9.30	8.80	0.00
4/30/2014 23:45	9.10	6.20	8.90	9.00	0.20
5/3/2014 8:45	9.20	5.20	7.70	7.20	2.00
5/5/2014 13:00	13.50	438.70	9.70	5.80	432.90
5/3/2014 15:30	8.20	8.00	9.60	6.20	2.00
5/2/2014 16:45	7.90	7.90	9.20	6.20	1.70
4/30/2014 13:45	10.70	9.50	9.40	5.60	5.10
5/1/2014 11:30	7.70	5.60	9.40	9.90	0.00
5/4/2014 3:15	9.50	9.40	9.50	6.40	3.10
5/5/2014 7:45	5.10	4.40	10.10	9.40	0.00
5/2/2014 20:45	5.90	5.00	8.00	12.40	0.00
5/4/2014 0:45	8.90	9.40	9.40	6.40	3.00
4/30/2014 16:30	10.40	9.00	9.20	5.80	4.60
5/2/2014 23:15	7.70	5.50	8.20	6.80	0.90
5/5/2014 11:00	11.10	2.30	9.00	4.00	7.10
5/4/2014 15:45	10.40	11.60	9.40	6.40	5.20
5/2/2014 13:00	9.10	6.20	7.90	17.90	1.20
4/28/2014 17:00	9.30	5.80	12.90	13.70	0.00
5/2/2014 11:45	7.80	8.40	9.00	6.20	2.20
5/5/2014 7:15	5.60	4.40	11.00	9.90	0.00
4/30/2014 8:30	6.50	4.70	10.00	12.20	0.00
5/1/2014 6:00	6.40	5.10	11.60	12.20	0.00
5/5/2014 4:45	12.80	12.90	9.20	6.30	6.60
4/28/2014 15:00	9.30	5.70	12.70	13.70	0.00
5/3/2014 21:30	9.50	6.40	9.80	12.00	0.00
5/4/2014 1:15	9.50	6.40	9.40	9.80	0.10
5/2/2014 13:15	9.00	6.30	8.20	15.30	0.80
5/3/2014 0:15	5.80	4.70	8.60	7.10	0.00
4/28/2014 17:15	12.00	12.80	9.30	5.80	7.00
4/29/2014 4:00	11.50	11.70	5.30	4.30	7.40
5/5/2014 16:45	10.20	6.70	12.00	75.60	-100000.00
4/30/2014 5:00	5.00	4.30	12.90	11.00	0.00
5/1/2014 17:30	9.60	12.50	6.90	5.70	6.80



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/3/2014 21:45	9.50	6.60	9.30	11.20	0.20
4/30/2014 19:45	10.00	7.30	9.10	6.20	3.80
4/30/2014 20:30	10.50	7.00	9.10	6.30	4.20
5/3/2014 20:00	8.20	10.90	9.60	6.40	4.50
5/3/2014 23:15	9.50	6.40	9.60	10.40	0.00
5/1/2014 8:45	9.70	9.50	8.60	5.70	4.00
4/29/2014 19:30	5.10	4.20	11.90	13.20	0.00
5/2/2014 1:45	8.40	9.70	4.80	4.40	5.30
5/4/2014 6:00	8.60	8.90	9.40	6.50	2.40
4/29/2014 18:15	11.90	12.40	9.20	6.80	5.60
4/29/2014 13:15	14.40	12.00	9.10	5.40	9.00
5/1/2014 5:30	8.20	5.60	9.90	272.60	0.00
4/29/2014 10:30	7.80	4.80	15.80	16.90	0.00
5/2/2014 2:00	8.10	9.00	4.80	4.40	4.60
5/4/2014 23:00	11.10	39.00	9.10	6.50	32.50
4/30/2014 2:30	12.80	12.00	5.00	4.50	8.30
5/1/2014 15:00	9.40	6.30	9.10	8.30	1.10
5/2/2014 7:15	6.10	5.10	7.90	8.40	0.00
5/4/2014 2:30	9.40	6.40	8.90	10.10	0.50
5/3/2014 5:00	8.00	4.90	7.30	9.40	0.70
5/5/2014 10:00	15.30	190.90	7.60	4.80	186.10
5/2/2014 22:00	6.90	5.40	7.70	6.80	0.10
4/30/2014 20:00	9.10	6.20	10.30	9.70	0.00
5/2/2014 10:00	8.90	5.90	8.00	8.70	0.90
4/28/2014 23:30	11.20	11.50	5.40	4.20	7.30
4/29/2014 15:45	9.50	6.10	12.50	19.90	0.00
5/5/2014 5:30	9.20	6.50	9.00	11.10	0.20
5/4/2014 15:00	9.50	6.30	10.70	16.20	0.00
5/1/2014 23:00	8.40	9.80	5.00	4.40	5.40
5/2/2014 19:30	8.10	8.30	9.10	6.30	0.00
5/1/2014 5:45	7.60	5.50	9.00	11.10	0.00
4/29/2014 16:00	9.30	6.10	11.90	13.20	0.00
5/3/2014 5:15	8.00	4.80	7.70	7.50	0.50
5/2/2014 18:15	9.20	6.30	7.70	10.60	1.50
4/30/2014 6:30	5.40	4.40	11.80	11.80	0.00
5/5/2014 2:45	14.50	17.10	9.20	6.50	10.60
5/1/2014 14:45	9.20	6.20	9.00	13.40	0.20
5/3/2014 19:30	9.50	6.40	8.80	11.20	0.70
5/4/2014 20:30	9.20	6.50	12.70	50.70	0.00
4/29/2014 2:00	10.30	11.40	5.40	4.20	7.20
5/3/2014 23:45	11.10	10.30	9.50	6.40	4.70
5/5/2014 18:00	10.40	6.90	11.40	13.40	0.00
4/29/2014 13:30	17.30	12.10	9.50	5.60	11.70
4/29/2014 22:00	13.20	12.00	4.90	4.10	9.10
5/4/2014 19:15	9.20	6.50	10.10	18.40	0.00
4/29/2014 10:00	14.30	16.40	6.70	4.70	11.70
5/1/2014 23:30	4.90	4.30	8.60	8.70	0.00
5/1/2014 6:45	6.60	5.10	9.40	9.20	0.00
5/2/2014 15:45	9.10	6.20	8.10	8.20	1.00
5/3/2014 12:45	9.70	5.80	7.80	8.70	1.90
5/5/2014 4:15	13.50	13.80	8.70	6.00	7.80
5/1/2014 3:15	9.00	6.30	9.80	9.30	0.00
4/29/2014 21:30	12.20	12.10	4.90	4.10	8.10
5/2/2014 0:45	8.80	10.00	4.80	4.40	5.60
5/2/2014 16:00	9.10	6.20	7.70	7.80	1.40
5/1/2014 6:15	6.20	5.00	10.20	10.90	0.00
5/1/2014 17:15	6.80	5.70	9.60	15.80	0.00
5/1/2014 3:30	7.50	6.00	9.20	8.20	0.00
5/5/2014 0:00	9.10	6.50	11.00	26.10	0.00
4/28/2014 19:00	9.20	5.80	11.10	13.10	0.00
4/28/2014 14:45	12.80	14.60	9.30	5.70	8.90
5/2/2014 4:00	5.10	4.60	8.40	10.60	0.00
5/5/2014 11:30	9.20	6.30	11.80	2.30	6.90
5/2/2014 21:15	6.20	5.10	8.50	7.90	0.00
5/4/2014 21:00	11.10	19.60	9.20	6.50	13.10
5/2/2014 9:15	7.90	13.30	8.40	5.40	7.90
4/28/2014 17:30	12.90	12.90	9.30	5.80	7.10
5/2/2014 13:30	9.10	6.30	8.30	8.80	0.80
5/1/2014 1:00	9.00	6.30	10.90	8.50	0.50
5/4/2014 1:00	9.20	9.70	9.40	6.40	3.30
5/3/2014 3:45	7.90	4.80	7.80	7.70	0.20
5/5/2014 3:30	12.30	15.40	8.60	5.70	9.70
5/3/2014 13:30	9.70	0.10	7.90	8.10	1.80
5/1/2014 21:00	5.40	4.70	8.50	8.10	0.00
4/29/2014 1:45	11.10	12.20	5.40	4.20	8.00
4/30/2014 14:15	11.40	8.30	9.50	5.70	5.70
5/2/2014 21:30	6.30	5.20	8.10	5.90	0.40
5/5/2014 12:30	9.70	6.40	14.60	537.10	0.00
5/2/2014 0:00	8.40	9.50	4.80	4.30	5.20
5/4/2014 22:45	10.60	16.10	9.10	6.50	9.60
5/4/2014 12:00	9.40	6.10	8.30	701.90	1.10
5/2/2014 10:30	9.10	6.20	7.90	9.10	1.20
5/3/2014 11:00	7.80	7.30	9.80	5.30	2.50
5/4/2014 10:45	9.40	6.30	8.10	505.50	1.30
4/29/2014 14:30	9.50	5.90	12.50	12.40	0.00
5/2/2014 4:15	5.20	4.60	8.30	12.30	0.00
5/2/2014 20:15	8.30	6.10	10.00	7.10	1.20
5/4/2014 6:30	8.30	8.50	9.50	6.50	2.00
4/30/2014 2:45	5.00	4.40	13.40	13.30	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/1/2014 19:15	6.70	5.40	8.40	9.00	0.00
5/3/2014 13:45	9.80	5.40	8.30	7.80	2.00
5/5/2014 12:15	9.60	6.30	15.50	490.40	0.00
4/30/2014 3:00	11.80	11.90	5.00	4.40	7.50
5/5/2014 7:30	5.20	4.50	10.30	10.30	0.00
4/28/2014 23:45	11.60	11.70	5.40	4.20	7.50
4/29/2014 17:00	9.40	5.90	12.80	12.10	0.00
5/1/2014 12:00	10.40	12.80	9.10	5.90	6.90
5/3/2014 7:15	8.40	5.10	7.50	7.00	1.40
5/5/2014 8:00	9.40	9.80	5.20	4.50	5.30
4/30/2014 11:00	9.40	5.70	11.10	10.00	0.00
5/4/2014 10:15	9.40	6.40	8.60	593.50	0.80
4/29/2014 4:15	5.30	4.20	10.70	12.00	0.00
5/1/2014 3:45	7.20	5.80	9.80	7.50	0.00
5/2/2014 14:30	9.10	6.20	8.50	8.60	0.60
5/3/2014 7:45	8.70	5.10	7.80	7.40	1.30
5/3/2014 15:15	8.50	7.60	9.60	6.20	2.30
4/28/2014 13:45	9.00	5.70	12.50	11.90	0.00
4/30/2014 16:45	10.50	8.80	9.20	5.80	4.70
5/5/2014 2:15	9.20	6.50	12.30	35.30	0.00
4/29/2014 20:15	5.00	4.20	13.00	11.10	0.00
5/3/2014 14:30	9.60	6.00	8.10	7.60	2.00
5/5/2014 9:45	19.40	42.20	7.50	4.90	37.30
4/30/2014 0:30	11.90	12.40	4.80	4.10	8.30
5/3/2014 19:45	9.50	6.40	9.70	13.80	0.00
4/30/2014 20:45	9.00	6.30	10.30	8.30	0.70
5/1/2014 7:30	7.20	5.20	9.70	9.90	0.00
5/3/2014 3:00	7.60	4.90	7.90	8.30	0.00
4/30/2014 23:15	9.40	12.10	9.10	6.30	5.80
5/5/2014 2:00	9.20	6.50	12.00	14.60	0.00
5/1/2014 23:45	4.80	4.30	9.10	8.80	0.00
4/30/2014 13:00	12.90	12.80	8.20	5.40	7.50
5/2/2014 8:00	7.90	9.20	6.60	5.30	3.90
5/1/2014 19:00	8.30	9.20	6.90	5.40	3.80
4/28/2014 22:30	10.80	12.10	4.80	4.30	7.80
5/1/2014 1:15	9.00	6.30	9.80	8.30	0.70
5/1/2014 7:00	6.70	5.10	10.00	12.10	0.00
5/3/2014 9:00	8.80	6.90	9.20	5.10	3.70
5/5/2014 6:15	9.00	13.10	9.20	6.50	6.60
5/5/2014 17:45	10.30	498.00	10.50	7.00	491.00
5/5/2014 17:30	10.50	17.30	10.50	7.00	10.30
4/30/2014 0:15	4.80	4.10	10.40	11.40	0.00
5/1/2014 12:45	9.30	6.30	9.40	9.80	0.00
5/3/2014 10:30	9.60	4.80	8.50	7.30	2.30
4/29/2014 4:30	5.30	4.20	10.80	12.10	0.00
5/2/2014 22:15	7.10	5.40	8.10	14.30	0.00
5/4/2014 8:30	9.40	6.40	8.30	199.00	1.10
4/30/2014 4:45	5.00	4.30	12.50	13.10	0.00
5/5/2014 0:45	9.20	6.50	10.70	12.60	0.00
4/29/2014 22:45	5.00	4.10	12.70	11.40	0.00
4/28/2014 14:00	12.00	11.60	9.10	5.70	6.30
5/4/2014 7:00	9.30	8.70	9.40	6.50	2.80
4/29/2014 8:00	5.10	4.20	10.90	11.50	0.00
5/5/2014 9:30	10.00	121.40	7.20	4.90	116.50
5/4/2014 19:00	10.30	339.00	9.40	6.50	332.50
4/28/2014 21:45	10.10	10.90	9.20	5.90	5.00
5/4/2014 0:30	9.50	6.40	8.70	11.00	0.80
5/3/2014 9:15	7.90	7.40	9.20	5.10	2.80
5/5/2014 11:15	11.70	124.50	9.20	4.50	120.00
4/30/2014 9:00	6.80	4.70	11.60	9.00	0.00
5/5/2014 1:30	9.20	6.50	10.00	10.90	0.00
4/29/2014 18:30	11.80	15.10	5.30	4.40	10.70
4/30/2014 5:15	14.00	11.00	5.00	4.30	9.70
4/28/2014 12:45	12.40	12.10	8.40	5.50	6.90
5/4/2014 8:15	8.40	13.50	9.40	6.40	7.10
5/1/2014 1:30	9.00	6.20	9.10	7.70	1.30
4/29/2014 22:15	5.30	4.10	11.10	12.50	0.00
5/2/2014 4:30	5.20	4.60	7.90	8.80	0.00
5/5/2014 11:45	10.90	32.10	9.30	6.40	25.70
4/30/2014 18:45	9.20	6.30	10.60	10.50	0.00
5/1/2014 9:30	8.80	5.70	9.80	11.20	0.00
5/3/2014 21:15	9.20	11.40	9.50	6.40	5.00
5/4/2014 16:15	9.80	11.30	9.30	6.30	5.00
5/5/2014 4:00	8.50	5.80	12.00	12.90	0.00
4/28/2014 19:15	10.40	11.40	9.10	5.80	5.60
5/1/2014 21:45	5.40	4.70	8.80	8.90	0.00
5/5/2014 16:00	10.70	74.80	10.30	6.70	68.10
5/3/2014 4:30	7.90	7.80	8.00	4.80	3.10
5/2/2014 6:15	5.60	4.80	8.50	12.20	0.00
5/3/2014 4:15	8.20	4.90	8.00	7.30	0.90
4/29/2014 14:45	9.30	6.00	12.40	13.00	0.00
5/2/2014 10:45	9.10	6.20	8.30	8.20	0.90
5/1/2014 2:30	9.00	6.30	8.40	7.70	1.30
4/29/2014 11:15	12.70	13.30	9.30	4.90	8.40
5/2/2014 11:30	8.00	88.90	8.80	6.10	82.80
5/1/2014 13:45	9.30	6.50	8.80	10.00	0.50
5/3/2014 18:30	8.90	10.10	9.60	6.30	3.80
5/4/2014 14:15	9.30	6.40	8.70	151.50	0.60
5/5/2014 3:15	8.20	5.60	8.50	13.10	0.00



**US Army Corps
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**Indiana Harbor and Canal
Confined Disposal Facility**
*Real-Time Turbidity Data
4-22-14 to 7-9-14
(periods of dredging)*

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
4/29/2014 12:30	7.10	4.90	12.70	11.90	0.00
4/29/2014 23:30	11.20	11.60	4.80	4.20	7.40
4/30/2014 18:00	9.90	9.00	9.20	6.00	3.90
5/2/2014 23:00	7.70	5.50	8.80	13.10	0.00
5/5/2014 1:45	9.20	6.50	10.40	10.80	0.00
5/3/2014 13:15	9.60	0.20	7.90	10.00	1.70
4/29/2014 3:30	5.60	4.20	10.10	11.90	0.00
4/29/2014 3:15	5.30	4.20	10.20	10.90	0.00
4/30/2014 0:45	11.90	11.80	4.80	4.20	7.70
5/3/2014 13:00	9.70	5.60	8.00	34.20	1.70
5/4/2014 8:45	8.10	578.30	9.30	6.40	571.90
5/1/2014 22:30	9.00	9.10	5.30	4.60	0.00
5/1/2014 8:15	7.70	5.40	9.60	9.30	0.00
4/29/2014 6:15	11.60	12.20	5.20	4.20	8.00
4/30/2014 21:15	9.00	6.30	10.00	10.10	0.00
4/29/2014 1:00	12.20	11.70	6.10	4.20	8.00
4/29/2014 11:30	13.00	12.50	9.40	4.90	8.10
5/2/2014 11:15	7.90	8.80	8.20	6.00	2.80
4/30/2014 9:15	11.40	10.30	7.00	4.70	6.70
5/1/2014 16:15	8.30	6.00	8.60	10.60	0.00
4/29/2014 21:00	5.00	4.20	12.90	12.80	0.00
4/28/2014 16:30	9.30	5.80	10.80	12.70	0.00
5/2/2014 12:15	8.10	10.40	9.10	6.30	0.00
5/2/2014 22:45	7.40	5.50	7.80	7.10	0.30
5/3/2014 18:00	9.60	6.30	8.50	10.90	1.10
5/2/2014 12:30	9.00	6.10	8.10	15.20	0.90
5/4/2014 15:30	9.30	6.40	8.10	245.60	1.20
4/30/2014 0:00	11.80	13.30	4.80	4.10	9.20
5/4/2014 5:45	8.50	7.90	9.40	6.50	2.00
5/4/2014 0:15	9.70	9.80	9.50	6.40	3.40
4/30/2014 21:30	9.00	6.30	10.90	6.60	2.40
4/30/2014 11:45	11.20	10.10	8.10	5.50	5.70
5/3/2014 12:30	7.70	29.80	9.70	5.80	24.00
4/29/2014 6:00	12.40	12.40	5.20	4.20	8.20
5/2/2014 18:30	9.20	6.30	7.90	10.00	1.30
5/5/2014 17:15	9.80	26.00	10.30	6.90	19.10
4/28/2014 16:15	9.30	5.80	10.80	11.40	0.00
4/28/2014 20:30	9.60	5.90	11.70	15.30	0.00
4/28/2014 19:45	12.10	12.80	9.20	5.80	7.00
5/1/2014 20:00	6.30	5.00	8.90	14.20	0.00
5/3/2014 18:15	8.70	12.70	9.60	6.30	6.40
5/4/2014 14:45	9.30	6.40	10.60	13.80	0.00
4/30/2014 15:15	9.70	10.30	9.30	5.70	4.60
5/2/2014 21:00	6.10	5.00	8.10	16.20	0.00
5/1/2014 16:30	7.20	5.80	9.20	7.50	0.00
5/3/2014 11:30	8.10	8.60	9.80	5.80	2.80
5/5/2014 15:45	10.50	13.30	10.30	6.10	7.20
4/29/2014 5:30	5.30	4.20	11.50	11.90	0.00
4/30/2014 15:30	9.30	5.70	11.00	10.10	0.00
5/1/2014 7:45	7.20	5.30	9.70	10.10	0.00
4/29/2014 2:15	14.00	18.90	5.40	4.20	14.70
5/4/2014 6:45	8.30	35.60	9.40	6.40	29.20
4/29/2014 10:45	8.70	4.80	12.30	14.50	0.00
5/5/2014 17:00	10.20	6.80	10.60	26.90	0.00
4/29/2014 15:00	9.30	6.20	13.30	12.90	0.00
5/1/2014 10:15	10.00	9.20	7.70	5.50	4.50
4/30/2014 22:00	9.10	6.30	10.20	72.10	0.00
4/28/2014 20:00	11.60	12.80	9.20	5.90	6.90
4/30/2014 7:15	5.60	4.60	13.50	17.30	0.00
4/30/2014 17:45	9.90	8.20	9.30	5.90	4.00
4/29/2014 12:15	9.10	5.90	12.60	11.60	0.00
5/1/2014 19:45	6.40	5.20	8.80	11.20	0.00
5/4/2014 14:00	9.30	6.40	8.60	316.90	0.70
4/29/2014 23:00	5.00	4.10	13.10	10.40	0.00
5/1/2014 14:00	9.20	6.30	8.70	10.60	0.50
4/30/2014 10:00	8.90	4.90	11.60	8.70	0.20
5/2/2014 2:15	8.60	8.90	4.80	4.40	4.50
5/2/2014 17:00	9.20	6.30	8.00	10.00	1.20
4/30/2014 19:30	9.10	6.30	10.70	9.00	0.10
4/29/2014 5:45	10.80	11.70	5.30	4.20	7.50
4/30/2014 9:45	11.50	10.90	8.40	4.80	6.70
5/5/2014 16:30	12.50	5.50	10.30	6.70	5.80
4/29/2014 1:15	10.30	11.90	5.40	4.20	7.70
5/2/2014 3:30	5.00	4.50	8.30	8.20	0.00
4/29/2014 7:00	10.80	15.20	5.10	4.10	11.10
5/2/2014 17:15	9.20	6.30	8.10	11.80	1.10
5/3/2014 4:00	7.90	4.90	7.70	7.80	0.20
4/29/2014 19:00	5.10	4.30	11.70	10.80	0.00
5/4/2014 5:15	8.60	22.60	9.30	6.50	16.10
5/1/2014 9:00	10.00	10.50	8.70	5.60	4.90
4/29/2014 12:45	12.50	12.70	9.50	5.10	7.60
5/2/2014 15:00	9.10	6.20	8.90	12.70	0.20
5/3/2014 5:30	8.00	4.80	7.80	7.50	0.50
5/4/2014 3:45	8.90	9.30	9.40	6.50	2.80
5/4/2014 15:15	10.30	11.00	9.30	6.40	4.60
5/4/2014 10:30	9.40	6.40	8.00	696.20	1.40
4/30/2014 15:45	10.60	9.50	9.30	5.70	4.90
5/1/2014 0:30	9.00	6.30	11.00	7.70	1.30
5/3/2014 17:45	8.60	8.50	9.60	6.30	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
4/29/2014 6:45	5.10	4.20	11.20	12.60	0.00
5/5/2014 15:00	10.20	6.50	10.70	716.50	0.00
5/2/2014 5:45	5.30	4.70	8.50	8.70	0.00
5/2/2014 9:30	8.20	9.10	8.60	5.50	3.60
5/3/2014 0:00	7.20	5.70	8.20	7.20	0.00
5/4/2014 19:30	9.20	6.50	13.10	31.60	0.00
4/30/2014 16:00	9.90	11.10	9.20	5.80	5.30
5/3/2014 2:45	7.40	4.90	7.50	5.80	1.60
4/30/2014 4:00	5.00	4.30	11.80	16.70	0.00
5/3/2014 20:45	9.00	12.10	9.50	6.40	5.70
5/1/2014 8:30	8.10	5.50	9.50	9.60	0.00
5/2/2014 6:00	8.40	11.10	5.40	4.80	6.30
5/3/2014 7:30	8.50	5.10	7.70	6.80	1.70
5/4/2014 12:45	9.40	6.30	8.90	408.40	0.50
4/29/2014 17:15	9.30	5.90	13.10	12.90	0.00
5/3/2014 20:15	9.50	6.40	9.80	10.90	0.00
4/29/2014 1:30	5.40	4.20	8.90	9.60	0.00
4/30/2014 13:30	11.30	11.50	9.40	5.50	6.00
5/4/2014 13:30	9.40	6.30	8.40	350.60	1.00
5/1/2014 20:30	8.30	11.30	6.20	4.90	6.40
5/5/2014 8:30	9.80	9.60	5.80	4.80	5.00
5/4/2014 23:15	9.10	6.50	11.60	12.50	0.00
5/2/2014 8:45	9.10	8.50	8.10	5.40	3.70
5/2/2014 23:30	7.80	5.50	7.90	6.20	1.60
4/30/2014 4:30	14.10	14.00	5.00	4.30	9.80
5/4/2014 23:45	9.10	6.50	11.50	117.50	0.00
5/2/2014 3:15	5.00	4.50	9.00	9.90	0.00
4/29/2014 9:30	6.10	4.60	14.00	16.60	0.00
5/5/2014 6:00	9.30	9.10	9.20	6.50	2.80
4/28/2014 14:15	11.30	12.20	9.10	5.70	6.50
5/3/2014 16:00	9.60	6.20	8.00	9.30	1.60
5/2/2014 5:30	8.30	9.30	5.30	4.70	4.60
5/3/2014 23:30	9.40	10.70	9.50	6.40	4.30
4/30/2014 10:30	10.50	10.90	9.30	5.10	5.80
5/3/2014 2:00	5.90	4.80	8.40	8.70	0.00
5/3/2014 12:15	9.70	5.80	7.60	7.40	2.30
4/30/2014 13:15	15.60	24.20	9.20	5.40	18.80
5/1/2014 11:00	12.00	9.70	7.20	5.40	6.60
5/3/2014 3:30	7.80	4.80	7.80	7.30	0.50
5/5/2014 2:30	9.20	6.50	12.20	19.10	0.00
5/2/2014 1:00	8.10	9.90	4.90	4.40	5.50
5/3/2014 22:00	9.50	6.40	9.10	9.00	0.50
4/29/2014 17:30	14.30	12.70	9.80	6.00	8.30
4/30/2014 4:15	16.10	18.50	5.00	4.30	14.20
5/5/2014 1:00	10.20	54.20	9.10	6.50	47.70
5/3/2014 10:00	7.90	7.80	9.50	5.60	2.30
5/4/2014 20:00	9.20	6.50	12.80	22.00	0.00
4/29/2014 8:45	12.70	11.80	5.60	4.40	8.30
5/3/2014 16:45	8.00	8.80	9.60	6.30	2.50
5/1/2014 14:15	10.10	9.10	9.20	6.20	3.90
5/2/2014 7:30	6.20	5.20	8.50	10.70	0.00
5/4/2014 21:30	9.10	6.50	11.30	12.60	0.00
4/29/2014 19:15	4.90	4.30	11.20	10.70	0.00
5/3/2014 4:45	8.00	7.60	8.00	4.80	3.20
4/29/2014 12:00	12.60	13.30	9.50	5.30	8.00
4/30/2014 1:45	12.30	11.60	4.90	4.30	8.00
4/30/2014 2:00	4.90	4.40	12.30	11.90	0.00
5/2/2014 14:45	8.00	8.40	9.10	6.20	2.20
5/3/2014 18:45	9.50	6.40	9.20	10.90	0.30
5/1/2014 6:30	6.40	5.00	9.50	12.60	0.00
5/5/2014 1:15	8.60	10.70	9.20	6.50	4.20
5/3/2014 9:30	8.30	28.40	9.20	5.20	23.20
5/3/2014 22:15	9.40	6.40	8.90	10.90	0.50
5/4/2014 13:45	9.30	6.40	8.30	246.10	1.00
5/1/2014 5:00	9.30	12.70	8.00	5.60	7.10
4/30/2014 14:30	12.90	10.80	9.40	5.70	7.20
5/2/2014 17:30	7.70	14.20	9.30	6.30	7.90
5/1/2014 0:15	9.00	6.30	10.70	8.90	0.10
4/28/2014 16:45	12.60	12.60	9.30	5.80	6.80
5/3/2014 2:15	6.20	4.90	8.30	5.90	0.30
5/5/2014 6:30	112.90	6.30	9.60	10.60	103.30
4/28/2014 23:15	5.50	4.20	12.70	12.60	0.00
5/4/2014 5:00	9.00	28.80	9.50	6.50	22.30
5/3/2014 17:30	8.40	8.70	9.60	6.30	2.40
5/2/2014 6:45	5.80	5.00	8.20	10.50	0.00
5/4/2014 21:45	10.60	14.10	9.10	6.50	7.60
4/30/2014 18:15	9.20	6.10	10.80	8.10	1.10
4/29/2014 7:30	10.90	12.70	5.10	4.10	0.00
4/30/2014 8:00	6.00	4.80	13.50	11.50	0.00
5/5/2014 19:00	10.20	109.80	11.80	9.80	100.00
5/5/2014 21:30	11.20	9.50	10.40	12.20	0.80
5/5/2014 21:45	12.30	22.90	11.10	9.50	13.40
5/5/2014 20:00	10.60	10.40	11.80	10.30	0.30
5/5/2014 19:30	10.60	15.50	11.60	9.60	5.90
5/5/2014 21:15	10.40	361.80	11.30	9.70	352.10
5/5/2014 18:30	13.80	11.40	10.40	213.50	3.40
5/5/2014 19:45	11.10	10.10	10.70	10.50	0.60
5/5/2014 18:15	10.30	7.00	10.80	203.40	0.00
5/5/2014 22:00	10.70	12.40	11.10	9.40	3.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/5/2014 22:15	11.40	11.00	10.90	9.40	2.00
5/5/2014 20:15	10.40	377.70	12.00	10.20	367.50
5/5/2014 18:45	11.60	9.70	11.60	13.40	0.00
5/5/2014 20:45	11.50	380.30	11.40	9.80	370.50
5/5/2014 22:30	10.90	10.20	11.00	9.40	1.50
5/5/2014 20:30	11.00	85.40	11.70	10.10	75.30
5/5/2014 19:15	10.40	10.20	10.90	9.50	0.90
5/5/2014 21:00	10.20	14.50	11.70	9.70	4.80
5/5/2014 22:45	11.10	9.60	11.30	205.00	0.00
5/5/2014 23:00	10.10	30.00	10.90	9.50	20.50
5/5/2014 23:15	12.20	9.60	11.40	11.00	1.20
5/5/2014 23:30	11.30	9.40	11.10	78.30	0.20
5/5/2014 23:45	11.60	9.80	11.00	27.40	0.60
5/6/2014 0:00	12.40	11.40	10.50	15.90	1.90
5/6/2014 0:30	16.30	11.00	9.50	16.70	6.80
5/6/2014 0:15	13.20	11.10	10.10	30.70	3.10
5/6/2014 0:45	14.00	11.40	10.50	196.50	3.50
5/6/2014 1:00	14.80	11.20	9.90	89.10	4.90
5/6/2014 1:15	13.90	11.10	10.20	238.10	3.70
5/6/2014 1:30	13.90	11.60	10.30	21.60	3.60
5/6/2014 1:45	13.90	11.20	9.70	21.40	4.20
5/6/2014 2:00	13.30	10.00	9.90	36.50	3.40
5/6/2014 2:15	12.40	9.70	10.10	18.00	2.30
5/6/2014 2:30	10.20	620.50	12.10	10.10	0.00
5/6/2014 2:45	11.80	9.80	9.90	113.50	1.90
5/6/2014 3:00	11.30	9.80	10.20	56.80	1.10
5/6/2014 3:15	11.20	9.40	10.20	29.20	1.00
5/6/2014 3:30	10.70	12.00	11.10	9.50	2.50
5/6/2014 3:45	11.00	9.40	9.70	10.20	1.30
5/6/2014 4:00	10.80	9.20	10.00	14.70	0.80
5/6/2014 4:15	10.70	9.10	10.10	20.10	0.60
5/6/2014 4:30	10.60	9.20	12.00	15.10	0.00
5/6/2014 4:45	10.70	9.00	11.10	12.40	0.00
5/6/2014 5:00	10.80	9.10	10.60	18.00	0.20
5/6/2014 5:15	10.70	9.30	9.90	32.40	0.80
5/6/2014 5:30	10.70	23.60	10.80	9.10	14.50
5/6/2014 5:45	10.70	9.10	10.40	13.30	0.30
5/6/2014 6:00	10.60	8.90	10.20	14.00	0.40
5/6/2014 6:15	11.00	9.10	9.90	18.50	1.10
5/6/2014 6:30	10.90	8.90	10.60	17.20	0.30
5/6/2014 6:45	11.00	9.00	11.70	16.90	0.00
5/6/2014 7:30	10.80	8.70	10.40	16.50	0.40
5/6/2014 8:00	10.90	8.60	12.30	15.20	0.00
5/6/2014 7:00	11.50	9.00	11.60	22.80	0.00
5/6/2014 7:45	10.80	8.80	10.90	16.50	0.00
5/6/2014 7:15	10.50	9.00	11.10	17.50	0.00
5/6/2014 8:15	10.70	8.80	11.70	17.10	0.00
5/6/2014 8:30	10.40	14.20	10.90	9.20	5.00
5/6/2014 8:45	14.10	12.70	11.50	15.70	2.60
5/6/2014 9:00	11.50	11.00	11.90	12.30	0.00
5/6/2014 9:15	11.30	10.60	11.20	41.20	0.10
5/6/2014 11:45	10.50	961.40	41.80	15.20	946.20
5/6/2014 12:15	82.80	17.40	10.20	2.30	80.50
5/6/2014 9:45	11.50	9.50	10.90	804.90	0.60
5/6/2014 11:15	9.50	12.10	26.70	9.60	2.50
5/6/2014 9:30	11.00	15.10	11.60	10.00	5.10
5/6/2014 12:00	44.00	13.30	10.70	2.30	41.70
5/6/2014 10:45	10.10	51.30	18.90	10.10	41.20
5/6/2014 10:15	11.30	133.30	14.70	11.00	122.30
5/6/2014 12:45	10.50	3.70	35.10	52.00	0.00
5/6/2014 11:00	11.00	122.00	21.80	9.90	112.10
5/6/2014 10:30	10.20	197.30	19.10	10.40	186.90
5/6/2014 12:30	63.20	45.50	10.60	2.30	60.90
5/6/2014 11:30	32.20	11.70	10.00	32.50	22.20
5/6/2014 10:00	13.20	9.10	11.50	117.40	1.70
5/6/2014 13:00	22.70	49.30	11.60	350.20	37.70
5/6/2014 13:30	27.40	48.30	11.10	28.00	37.20
5/6/2014 13:15	15.60	61.30	9.50	368.00	51.80
5/6/2014 14:45	16.50	222.50	10.90	14.90	211.60
5/6/2014 14:00	13.60	2.30	30.60	32.70	0.00
5/6/2014 14:15	13.30	39.20	26.20	32.40	13.00
5/6/2014 13:45	15.00	2.40	11.30	24.80	3.70
5/6/2014 14:30	17.10	42.40	13.00	20.20	29.40
5/6/2014 15:15	15.60	2.40	12.00	21.50	3.60
5/6/2014 15:30	13.30	5.40	13.10	19.10	0.20
5/6/2014 15:45	12.60	117.40	16.50	30.50	100.90
5/6/2014 16:00	12.50	71.40	14.90	18.80	56.50
5/6/2014 16:15	13.90	150.50	14.80	15.80	135.70
5/6/2014 16:30	14.10	727.20	16.40	18.10	710.80
5/6/2014 16:45	12.90	168.40	17.40	18.90	151.00
5/6/2014 17:00	13.30	12.20	19.40	23.40	0.00
5/6/2014 17:15	14.90	34.00	20.10	33.30	13.90
5/6/2014 17:30	20.40	27.00	13.10	14.60	13.90
5/6/2014 17:45	20.90	24.80	11.90	13.10	12.90
5/6/2014 18:00	12.50	12.10	18.10	32.90	0.00
5/6/2014 18:15	18.20	33.50	12.40	12.20	21.30
5/6/2014 18:30	20.50	31.90	12.00	11.90	20.00
5/6/2014 18:45	18.30	24.40	11.20	11.90	13.20
5/6/2014 19:00	18.60	17.80	10.90	12.20	7.70



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/6/2014 19:15	17.70	14.30	11.70	11.80	6.00
5/6/2014 19:30	16.90	18.60	14.50	16.70	4.10
5/6/2014 19:45	11.70	17.20	16.10	14.80	2.40
5/6/2014 20:00	16.20	14.60	11.80	26.10	4.40
5/6/2014 20:15	15.70	14.90	12.60	25.50	3.10
5/6/2014 20:30	19.80	26.80	13.30	24.40	13.50
5/6/2014 20:45	17.50	17.30	13.40	22.80	4.10
5/6/2014 21:00	14.40	17.00	10.70	21.60	6.30
5/6/2014 21:15	13.40	17.00	10.10	10.50	6.90
5/6/2014 21:30	15.00	13.70	10.50	10.60	4.50
5/6/2014 21:45	18.50	15.10	12.00	17.40	6.50
5/6/2014 22:00	16.10	14.30	12.50	16.80	3.60
5/6/2014 22:15	13.80	14.80	15.80	15.80	0.00
5/6/2014 22:30	10.80	18.90	14.90	15.20	4.00
5/6/2014 22:45	15.30	16.10	14.40	14.40	1.70
5/6/2014 23:00	14.50	14.20	17.20	17.70	0.00
5/6/2014 23:15	13.70	13.90	13.90	15.30	0.00
5/6/2014 23:30	16.80	17.60	14.10	15.30	3.50
5/6/2014 23:45	15.70	20.70	14.60	15.90	6.10
5/7/2014 0:00	14.70	15.20	13.10	14.10	2.10
5/7/2014 0:15	11.40	13.20	13.90	16.60	0.00
5/7/2014 0:30	13.00	13.50	14.00	15.10	0.00
5/7/2014 0:45	14.50	57.90	14.00	15.70	43.90
5/7/2014 1:15	15.30	13.60	39.20	25.50	0.00
5/7/2014 1:00	38.20	65.20	15.00	14.20	51.00
5/7/2014 1:30	22.30	31.60	22.60	17.20	14.40
5/7/2014 1:45	19.40	22.00	26.10	33.80	0.00
5/7/2014 2:00	23.00	64.00	14.20	16.50	49.80
5/7/2014 2:15	19.00	96.70	18.10	20.40	78.60
5/7/2014 2:30	17.80	15.20	65.70	58.80	0.00
5/7/2014 2:45	25.20	38.70	17.10	15.30	23.40
5/7/2014 3:00	23.40	24.70	28.30	39.20	0.00
5/7/2014 3:15	26.80	27.40	31.60	34.70	0.00
5/7/2014 3:30	34.80	20.90	26.70	22.60	12.20
5/7/2014 3:45	38.40	17.20	21.70	100.10	16.70
5/7/2014 4:00	30.40	34.60	22.60	45.90	12.00
5/7/2014 4:15	25.20	33.10	22.90	25.70	10.20
5/7/2014 4:30	27.80	26.50	28.90	41.20	0.00
5/7/2014 4:45	28.20	25.00	20.00	53.90	8.20
5/7/2014 5:00	35.50	34.10	29.30	49.00	6.20
5/7/2014 5:15	22.40	23.40	23.60	24.80	0.00
5/7/2014 5:30	28.80	23.80	19.20	19.50	9.60
5/7/2014 5:45	20.20	35.80	28.30	23.40	12.40
5/7/2014 6:00	26.10	20.70	21.60	25.90	4.50
5/7/2014 6:15	27.20	21.30	19.30	19.70	7.90
5/7/2014 6:30	35.00	22.20	21.80	24.10	13.20
5/7/2014 6:45	27.60	21.00	28.10	31.90	0.00
5/7/2014 7:00	30.80	20.10	28.90	34.90	1.90
5/7/2014 7:15	34.60	20.00	23.60	37.30	11.00
5/7/2014 7:30	31.20	19.70	17.90	30.40	13.30
5/7/2014 7:45	31.70	18.60	19.10	29.70	12.60
5/7/2014 8:00	31.90	24.00	23.30	23.30	8.60
5/7/2014 8:15	19.90	24.00	18.40	24.50	5.60
5/7/2014 8:30	20.40	19.50	15.70	16.80	4.70
5/7/2014 8:45	14.50	14.80	21.70	18.30	0.00
5/7/2014 9:00	42.30	44.80	14.10	12.80	32.00
5/7/2014 9:15	18.20	21.10	32.90	49.30	0.00
5/7/2014 9:30	39.70	29.80	31.50	39.40	8.20
5/7/2014 9:45	39.20	21.10	34.50	44.90	4.70
5/7/2014 10:00	20.00	36.30	48.60	29.90	6.40
5/7/2014 10:15	44.90	21.00	22.80	37.60	22.10
5/7/2014 10:30	26.40	42.40	18.40	19.70	24.00
5/7/2014 10:45	27.00	58.40	20.90	26.20	37.50
5/7/2014 11:00	36.50	63.90	23.80	54.20	40.10
5/7/2014 11:15	23.60	27.70	23.00	23.20	4.70
5/7/2014 11:30	42.80	38.00	18.50	17.90	24.90
5/7/2014 11:45	22.10	18.70	43.90	40.00	0.00
5/7/2014 12:00	21.20	28.60	40.60	38.30	0.00
5/7/2014 12:15	41.70	28.70	22.70	51.70	19.00
5/7/2014 12:30	38.20	26.00	35.20	49.70	3.00
5/7/2014 12:45	32.50	30.60	27.50	26.90	5.60
5/7/2014 13:00	28.80	25.50	30.80	33.40	0.00
5/7/2014 13:15	31.30	72.90	31.10	23.90	49.00
5/7/2014 13:30	29.20	23.70	29.00	33.60	0.20
5/7/2014 13:45	27.80	27.00	34.20	26.50	1.30
5/7/2014 14:00	25.10	22.60	37.30	37.70	0.00
5/7/2014 14:15	28.70	58.40	32.70	24.90	33.50
5/7/2014 14:30	30.20	25.60	35.00	36.60	0.00
5/7/2014 14:45	30.80	25.90	26.30	24.00	6.80
5/7/2014 15:00	29.80	45.90	55.30	56.60	0.00
5/7/2014 15:15	43.20	33.70	29.80	35.50	13.40
5/7/2014 15:30	35.00	22.70	58.90	90.00	0.00
5/7/2014 15:45	27.30	24.10	35.40	73.50	0.00
5/7/2014 16:00	55.10	48.80	68.10	86.30	0.00
5/7/2014 16:15	37.90	38.20	51.80	63.60	0.00
5/7/2014 16:30	39.60	46.80	40.90	38.60	8.20
5/7/2014 16:45	43.20	33.70	31.30	31.60	11.90
5/7/2014 17:00	50.20	48.00	32.70	40.70	17.50
5/7/2014 17:15	34.20	39.90	35.00	35.80	4.90



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/7/2014 17:30	35.40	41.10	35.60	29.40	11.70
5/7/2014 17:45	28.70	30.70	40.30	43.60	0.00
5/7/2014 18:00	25.80	59.00	32.60	37.70	26.40
5/7/2014 18:15	27.20	27.90	22.30	33.40	5.60
5/7/2014 18:30	39.50	44.60	39.00	34.80	9.80
5/7/2014 18:45	36.00	29.70	41.70	50.40	0.00
5/7/2014 19:00	36.00	30.20	42.40	46.50	0.00
5/8/2014 6:30	40.90	16.20	19.70	40.70	21.20
5/7/2014 21:45	30.20	34.90	23.80	23.30	11.60
5/8/2014 6:00	21.50	20.40	35.60	20.70	0.80
5/8/2014 7:00	36.60	14.00	16.60	22.30	20.00
5/7/2014 23:45	20.80	16.80	17.20	17.50	3.60
5/8/2014 0:30	17.40	16.30	34.40	52.50	0.00
5/7/2014 21:15	22.70	23.60	25.20	24.30	0.00
5/8/2014 1:00	44.00	25.30	21.80	21.50	22.50
5/7/2014 19:45	28.70	42.30	29.30	34.40	13.00
5/8/2014 5:45	24.50	18.00	19.70	24.70	4.80
5/8/2014 6:45	38.80	19.60	16.70	19.60	22.10
5/8/2014 5:15	24.40	21.60	28.00	22.60	1.80
5/8/2014 3:45	26.40	22.90	29.70	33.70	0.00
5/7/2014 20:15	31.10	18.80	26.90	33.20	4.20
5/8/2014 0:15	37.30	36.40	15.90	16.20	21.40
5/7/2014 20:45	33.10	39.30	25.40	25.50	13.90
5/7/2014 23:30	17.60	17.40	22.80	20.00	0.00
5/7/2014 22:00	30.70	34.30	23.10	20.60	13.70
5/7/2014 22:15	22.10	20.40	26.20	22.80	0.00
5/8/2014 5:00	27.40	22.30	30.80	24.60	2.80
5/8/2014 7:15	32.30	16.80	15.20	14.80	17.50
5/8/2014 4:30	28.80	23.50	27.50	27.90	1.30
5/8/2014 3:00	28.40	16.30	24.30	33.40	4.10
5/7/2014 21:00	36.20	38.70	28.00	24.50	14.20
5/8/2014 4:15	28.90	13.30	20.50	28.40	8.40
5/7/2014 23:00	20.40	17.70	21.80	17.50	2.90
5/8/2014 5:30	25.30	17.90	24.00	45.20	1.30
5/7/2014 19:15	39.70	34.90	29.80	27.30	12.40
5/7/2014 22:30	21.90	20.30	21.10	18.10	3.80
5/8/2014 3:30	27.70	26.90	29.50	43.40	0.00
5/8/2014 2:00	27.80	16.60	22.10	25.90	5.70
5/8/2014 4:45	25.10	29.00	32.70	34.80	0.00
5/8/2014 0:00	20.40	17.40	14.40	18.10	6.00
5/8/2014 2:15	29.10	34.80	39.90	57.50	0.00
5/8/2014 4:00	29.10	26.20	27.50	35.30	1.60
5/8/2014 2:45	28.50	28.30	37.40	47.00	0.00
5/7/2014 20:30	26.60	26.60	35.50	37.10	0.00
5/7/2014 22:45	21.10	18.80	22.00	19.90	1.20
5/8/2014 7:30	19.90	17.80	20.50	23.30	0.00
5/8/2014 1:30	30.90	31.90	26.20	34.70	5.70
5/8/2014 3:15	31.20	15.80	23.10	29.00	8.10
5/8/2014 6:15	37.50	17.40	18.50	28.10	19.00
5/8/2014 1:45	23.30	22.60	32.00	64.80	0.00
5/8/2014 0:45	33.40	22.80	14.30	18.30	19.10
5/8/2014 1:15	24.50	22.70	34.90	52.90	0.00
5/7/2014 23:15	20.70	16.00	17.10	16.10	4.60
5/8/2014 2:30	38.20	43.90	41.90	56.30	2.00
5/7/2014 20:00	31.10	29.80	28.00	29.50	3.10
5/7/2014 19:30	42.20	30.70	42.10	38.40	3.80
5/7/2014 21:30	23.50	23.30	27.20	25.10	0.00
5/8/2014 7:45	15.50	18.40	18.40	21.10	0.00
5/8/2014 8:00	15.60	38.00	24.00	14.10	23.90
5/8/2014 8:15	23.10	18.10	15.50	21.50	7.60
5/8/2014 8:30	38.60	52.10	19.00	18.90	33.20
5/8/2014 8:45	18.90	23.40	33.20	25.70	0.00
5/8/2014 9:00	21.10	12.50	19.90	53.10	1.20
5/8/2014 9:15	40.60	16.20	28.70	18.80	21.80
5/8/2014 9:30	15.90	17.10	37.80	62.60	0.00
5/8/2014 9:45	18.50	17.70	30.90	48.50	0.00
5/8/2014 10:00	26.70	14.10	20.50	69.70	6.20
5/8/2014 10:15	30.30	13.50	16.50	22.60	13.80
5/8/2014 10:30	31.20	51.20	27.10	25.70	25.50
5/8/2014 10:45	21.40	20.50	32.10	43.90	0.00
5/8/2014 11:00	18.60	17.80	31.20	19.70	0.00
5/8/2014 11:15	34.60	15.90	18.50	18.40	16.20
5/8/2014 11:30	18.80	19.40	38.80	26.90	0.00
5/8/2014 11:45	15.40	22.60	24.80	37.70	0.00
5/8/2014 12:00	23.50	18.70	18.70	20.60	4.80
5/8/2014 12:15	25.70	13.70	17.90	19.10	7.80
5/8/2014 12:30	21.00	34.10	17.20	17.70	16.90
5/8/2014 12:45	20.20	25.90	18.50	21.80	7.40
5/8/2014 13:15	22.00	26.50	15.00	19.20	11.50
5/8/2014 13:00	22.30	12.20	18.70	21.40	3.60
5/8/2014 13:30	21.90	21.10	14.40	23.70	7.50
5/8/2014 13:45	23.80	16.10	13.00	19.00	10.80
5/8/2014 14:00	20.20	19.40	13.20	14.90	7.00
5/8/2014 14:15	20.00	19.50	12.30	16.40	7.70
5/8/2014 14:30	17.00	20.90	20.40	11.80	9.10
5/8/2014 14:45	14.60	14.30	22.80	12.00	2.60
5/8/2014 15:00	12.50	13.90	58.70	23.60	0.00
5/8/2014 15:15	53.70	17.70	13.80	17.00	39.90
5/8/2014 15:30	46.50	16.20	13.30	16.60	33.20



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/8/2014 15:45	59.40	21.30	13.20	12.30	47.10
5/8/2014 16:00	11.80	17.10	39.40	17.50	0.00
5/8/2014 16:15	26.60	14.30	13.90	51.90	12.70
5/8/2014 16:30	33.30	25.40	12.80	16.20	20.50
5/8/2014 16:45	13.20	18.10	39.30	29.30	0.00
5/8/2014 17:00	31.50	24.80	12.90	17.00	18.60
5/8/2014 17:15	24.70	22.10	14.40	21.80	10.30
5/8/2014 17:30	36.80	20.50	15.00	16.30	21.80
5/8/2014 17:45	14.20	16.60	30.70	33.90	0.00
5/8/2014 18:00	26.40	30.50	15.70	20.40	14.80
5/8/2014 18:15	13.60	20.50	32.20	14.90	5.60
5/8/2014 19:00	19.20	13.20	14.00	17.70	5.20
5/8/2014 19:30	27.00	34.90	15.30	18.10	19.60
5/8/2014 20:00	24.20	17.50	18.60	20.00	5.60
5/8/2014 19:45	32.20	14.60	18.60	22.40	13.60
5/8/2014 18:30	28.10	15.30	14.10	20.50	14.00
5/8/2014 20:15	22.90	15.70	20.30	18.70	4.20
5/8/2014 18:45	21.90	13.90	24.90	37.00	0.00
5/8/2014 20:45	35.10	17.70	15.70	23.20	19.40
5/8/2014 20:30	28.20	18.60	16.50	17.40	11.70
5/8/2014 19:15	28.50	24.20	20.30	28.30	8.20
5/8/2014 21:00	29.60	12.10	15.60	33.30	14.00
5/8/2014 21:15	20.30	9.10	16.10	35.10	4.20
5/8/2014 21:30	35.40	11.60	20.90	21.90	14.50
5/8/2014 21:45	17.70	22.40	47.20	12.80	9.60
5/8/2014 22:00	43.40	12.00	16.40	31.70	27.00
5/8/2014 22:15	45.40	9.90	13.50	22.70	31.90
5/8/2014 22:30	30.00	16.40	12.80	19.40	17.20
5/8/2014 22:45	51.00	10.50	12.30	21.50	38.70
5/8/2014 23:00	53.80	15.20	12.10	20.60	41.70
5/8/2014 23:15	35.80	29.00	13.20	16.90	22.60
5/8/2014 23:30	27.80	11.90	16.00	19.60	11.80
5/8/2014 23:45	28.00	11.50	15.80	24.80	12.20
5/9/2014 0:00	47.70	29.80	15.50	17.00	32.20
5/9/2014 0:15	30.40	34.80	13.90	18.80	20.90
5/9/2014 0:30	25.90	13.60	15.70	23.20	10.20
5/9/2014 0:45	29.70	10.20	18.90	33.20	10.80
5/9/2014 1:00	21.00	18.40	17.80	20.10	3.20
5/9/2014 1:15	16.90	14.90	13.10	17.90	3.80
5/9/2014 1:30	16.50	14.70	12.30	18.20	4.20
5/9/2014 1:45	18.80	14.20	15.20	21.30	3.60
5/9/2014 2:00	36.40	13.30	12.70	22.80	23.70
5/9/2014 2:15	38.10	14.70	12.00	21.60	26.10
5/9/2014 2:30	20.00	20.10	12.00	12.10	8.10
5/9/2014 2:45	22.60	13.90	12.40	16.70	10.20
5/9/2014 3:00	18.60	14.70	11.80	18.50	6.80
5/9/2014 3:15	16.50	12.90	6.10	5.70	10.80
5/9/2014 3:30	15.00	15.20	6.10	10.40	9.10
5/9/2014 3:45	6.10	5.00	5.60	5.00	1.10
5/9/2014 4:00	6.00	4.80	5.70	4.50	1.50
5/9/2014 4:15	5.90	5.00	5.30	4.70	1.20
5/9/2014 4:30	5.40	4.80	9.40	8.30	0.00
5/9/2014 4:45	10.10	7.20	10.30	8.50	1.60
5/9/2014 5:00	9.10	7.70	11.10	8.00	1.10
5/9/2014 5:15	10.40	7.90	9.30	7.60	2.80
5/9/2014 5:45	19.40	7.00	9.90	8.00	11.40
5/9/2014 5:30	10.90	7.40	8.60	7.50	3.40
5/9/2014 6:00	16.80	7.30	9.20	8.10	8.70
5/9/2014 6:15	12.80	6.20	8.20	7.50	5.30
5/9/2014 6:30	13.80	5.80	15.50	22.10	0.00
5/9/2014 6:45	11.80	8.20	18.70	17.50	0.00
5/9/2014 7:00	14.70	9.40	11.70	22.50	3.00
5/9/2014 7:15	10.30	13.00	11.30	8.40	4.60
5/9/2014 7:30	10.80	6.80	8.90	11.70	1.90
5/9/2014 7:45	9.70	12.20	10.60	6.20	6.00
5/9/2014 8:00	10.70	6.90	9.40	11.80	1.30
5/9/2014 8:15	9.70	6.20	9.50	11.10	0.20
5/9/2014 8:30	10.00	6.20	10.80	13.90	0.00
5/9/2014 8:45	10.20	6.20	9.30	11.10	0.90
5/9/2014 9:00	9.90	6.00	8.10	8.30	1.80
5/9/2014 9:15	7.70	8.20	9.70	7.10	1.10
5/9/2014 9:30	9.70	6.20	7.80	8.40	1.90
5/9/2014 9:45	9.70	7.00	9.30	7.40	2.30
5/9/2014 11:15	7.20	5.50	8.30	5.70	1.50
5/9/2014 10:45	6.20	7.20	8.80	8.50	0.00
5/9/2014 10:15	9.80	7.80	7.60	7.60	2.20
5/9/2014 10:30	9.60	7.90	9.60	7.30	2.30
5/9/2014 11:00	8.00	5.20	7.90	5.40	2.60
5/9/2014 10:00	9.70	8.10	8.50	7.90	1.80
5/9/2014 11:30	9.00	5.90	7.70	5.40	3.60
5/9/2014 11:45	8.70	9.80	7.40	5.70	4.10
5/9/2014 12:00	9.30	5.90	7.40	5.60	3.70
5/9/2014 12:15	9.00	5.60	9.30	5.80	3.20
5/9/2014 12:30	9.40	5.50	9.30	6.00	3.40
5/9/2014 12:45	8.90	5.70	9.50	5.00	3.90
5/9/2014 13:00	9.60	5.70	9.00	6.00	3.60
5/9/2014 13:15	9.70	5.70	9.30	6.00	3.70
5/9/2014 13:30	9.30	6.00	9.70	5.40	3.90
5/9/2014 13:45	9.50	5.10	9.40	5.90	3.60



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/9/2014 14:00	9.90	5.50	9.50	6.10	3.80
5/9/2014 14:15	9.50	5.90	9.80	5.40	4.10
5/9/2014 14:30	9.40	5.90	9.10	5.30	4.10
5/9/2014 14:45	9.40	5.90	9.90	5.40	4.00
5/9/2014 15:00	9.40	6.00	10.20	5.50	3.90
5/9/2014 15:15	9.50	5.90	10.30	5.50	4.00
5/9/2014 15:30	10.30	5.60	9.50	5.90	4.40
5/9/2014 15:45	10.40	5.70	9.40	6.00	4.40
5/9/2014 16:00	9.50	5.90	10.40	5.70	3.80
5/9/2014 16:15	9.50	5.90	10.30	5.70	3.80
5/9/2014 16:30	10.30	5.70	9.40	6.00	4.30
5/9/2014 16:45	9.40	6.00	10.30	5.70	3.70
5/9/2014 17:00	9.20	6.10	10.30	5.70	3.50
5/9/2014 17:15	9.30	5.80	9.10	6.20	3.10
5/9/2014 17:30	9.00	6.30	10.10	5.80	3.20
5/9/2014 17:45	9.10	6.30	10.20	5.80	3.30
5/9/2014 18:00	10.20	5.80	9.00	6.40	3.80
5/9/2014 18:15	10.20	5.90	9.00	6.30	3.90
5/9/2014 18:30	9.00	6.40	10.10	5.90	3.10
5/9/2014 18:45	10.10	5.90	9.10	6.30	3.80
5/9/2014 19:00	8.90	6.30	10.10	5.90	3.00
5/9/2014 19:15	9.00	6.30	10.00	5.90	3.10
5/9/2014 19:30	9.00	6.30	10.00	5.90	3.10
5/9/2014 19:45	9.10	6.30	10.10	5.90	3.20
5/9/2014 20:00	10.00	6.00	9.00	6.30	3.70
5/9/2014 20:15	9.00	6.40	10.00	6.00	3.00
5/9/2014 20:30	8.90	6.40	10.00	6.00	2.90
5/9/2014 20:45	10.00	6.00	8.90	6.40	3.60
5/9/2014 21:00	8.90	6.40	10.00	6.00	2.90
5/9/2014 21:15	9.90	6.00	8.90	6.50	3.40
5/9/2014 21:30	8.90	6.40	9.90	6.00	2.90
5/9/2014 21:45	8.90	6.40	9.90	6.00	2.90
5/9/2014 22:00	10.00	6.00	8.90	6.40	3.60
5/9/2014 22:15	9.90	6.00	8.80	6.50	3.40
5/9/2014 22:30	9.90	6.00	8.90	6.40	3.50
5/9/2014 22:45	9.90	6.00	8.90	6.40	3.50
5/9/2014 23:00	9.90	6.00	8.90	6.40	3.50
5/9/2014 23:15	9.80	6.00	8.80	6.40	3.40
5/9/2014 23:30	9.80	6.00	8.80	6.50	3.30
5/9/2014 23:45	9.80	6.00	8.80	6.50	3.30
5/10/2014 0:00	9.80	6.00	8.70	6.40	3.40
5/10/2014 0:15	9.70	6.00	8.80	6.40	3.30
5/10/2014 0:30	8.70	6.50	9.70	6.00	2.70
5/10/2014 0:45	9.70	6.00	8.80	6.50	3.20
5/10/2014 1:00	8.70	6.40	9.60	5.90	2.80
5/10/2014 1:15	9.60	5.90	8.70	6.50	3.10
5/10/2014 1:30	8.80	6.50	9.60	6.00	2.80
5/10/2014 1:45	9.60	5.90	8.80	6.40	3.20
5/10/2014 2:00	9.50	5.70	8.70	6.40	3.10
5/10/2014 2:15	9.00	5.30	8.30	6.40	2.60
5/10/2014 2:30	9.00	5.30	8.30	6.40	2.60
5/10/2014 2:45	8.20	6.30	9.10	5.30	2.90
5/10/2014 3:00	8.20	6.30	8.90	5.30	2.90
5/10/2014 3:15	8.90	5.30	8.10	6.30	2.60
5/10/2014 3:30	8.10	6.30	8.80	5.20	2.90
5/10/2014 3:45	8.70	5.20	8.10	6.30	2.40
5/10/2014 4:00	8.80	5.20	8.10	6.20	2.60
5/10/2014 4:15	8.00	6.20	8.70	5.20	0.00
5/10/2014 4:30	8.30	5.00	7.80	6.20	2.10
5/10/2014 4:45	8.30	5.00	8.10	6.30	2.00
5/10/2014 5:00	8.20	6.30	8.40	5.00	3.20
5/10/2014 5:15	8.60	5.00	8.50	6.30	2.30
5/10/2014 5:30	9.00	5.00	8.50	6.30	2.70
5/10/2014 5:45	8.90	5.00	8.50	6.30	2.60
5/10/2014 6:00	8.60	6.40	9.20	5.00	3.60
5/10/2014 6:15	8.60	6.40	9.30	5.10	3.50
5/10/2014 6:30	9.40	5.10	8.80	6.40	3.00
5/10/2014 6:45	9.50	5.20	8.80	6.40	3.10
5/10/2014 7:00	9.60	5.40	8.90	6.40	3.20
5/10/2014 7:15	9.70	5.80	8.90	6.40	3.30
5/10/2014 7:30	8.90	6.40	9.80	5.90	3.00
5/10/2014 7:45	9.00	6.30	9.80	5.90	3.10
5/10/2014 8:00	9.90	5.90	9.00	6.30	3.60
5/10/2014 8:15	10.00	5.80	9.20	6.30	3.70
5/10/2014 8:30	10.00	5.80	9.00	6.20	3.80
5/10/2014 8:45	10.00	5.90	9.10	6.30	3.70
5/10/2014 9:00	10.00	5.90	9.40	6.20	3.80
5/10/2014 9:15	9.20	6.30	10.00	5.90	3.30
5/10/2014 9:30	10.10	5.60	9.20	6.20	3.90
5/10/2014 9:45	10.10	3.50	9.30	6.10	4.00
5/10/2014 10:00	10.20	5.70	9.40	6.10	4.10
5/10/2014 10:15	9.40	6.00	12.20	5.50	3.90
5/10/2014 10:30	10.50	4.80	9.30	5.90	4.60
5/10/2014 10:45	9.50	3.20	9.40	5.70	3.80
5/10/2014 11:00	10.40	5.60	8.90	5.40	5.00
5/10/2014 11:15	9.30	5.60	9.00	4.00	5.30
5/10/2014 11:30	8.40	3.70	9.60	5.90	2.50
5/10/2014 11:45	9.40	6.00	10.40	5.70	3.70
5/10/2014 12:00	9.00	5.00	9.70	5.90	3.10



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/10/2014 12:15	10.00	5.50	9.60	5.80	4.20
5/10/2014 12:30	9.40	5.80	7.30	4.50	4.90
5/10/2014 12:45	9.90	5.40	9.50	5.70	4.20
5/10/2014 13:00	9.70	5.70	8.90	4.60	5.10
5/10/2014 13:15	9.30	4.50	9.60	5.60	3.70
5/10/2014 13:30	9.20	5.50	8.80	3.70	5.50
5/10/2014 13:45	8.60	3.60	8.60	5.40	3.20
5/10/2014 14:00	7.30	3.30	9.70	5.70	1.60
5/10/2014 14:15	10.40	5.40	9.70	5.90	4.50
5/10/2014 14:30	8.50	4.60	9.20	5.60	2.90
5/10/2014 14:45	9.60	4.90	9.20	5.60	4.00
5/10/2014 15:00	10.10	5.10	9.60	5.70	4.40
5/10/2014 15:15	10.50	5.40	9.60	5.70	4.80
5/10/2014 15:30	9.70	5.80	10.60	5.40	4.30
5/10/2014 15:45	10.50	5.60	9.60	5.70	4.80
5/10/2014 16:00	10.50	5.60	9.60	5.80	4.70
5/10/2014 16:15	10.50	5.60	9.50	5.80	4.70
5/10/2014 16:30	9.60	5.90	10.50	5.60	4.00
5/10/2014 16:45	10.40	5.70	9.50	6.00	4.40
5/10/2014 17:00	10.50	5.70	9.40	6.10	4.40
5/10/2014 17:15	9.50	6.20	9.90	5.70	3.80
5/10/2014 17:30	10.40	5.70	9.30	6.30	4.10
5/10/2014 17:45	10.40	5.80	9.20	6.30	4.10
5/10/2014 18:00	9.10	6.40	10.40	5.80	3.30
5/10/2014 18:15	10.40	5.80	9.20	6.40	4.00
5/10/2014 18:30	9.00	6.40	10.30	5.90	3.10
5/10/2014 18:45	10.30	5.90	9.10	6.40	3.90
5/10/2014 19:00	9.00	6.40	10.20	5.90	3.10
5/10/2014 19:15	9.00	6.40	10.20	5.90	3.10
5/10/2014 19:30	10.10	6.00	9.00	6.40	3.70
5/10/2014 19:45	10.00	6.00	8.90	6.40	3.60
5/10/2014 20:00	10.10	6.10	8.90	6.40	3.70
5/10/2014 20:15	9.00	6.40	10.10	6.10	2.90
5/10/2014 20:30	10.10	6.00	9.00	6.50	3.60
5/10/2014 20:45	8.90	6.50	10.00	6.00	2.90
5/10/2014 21:00	9.00	6.50	10.00	6.10	2.90
5/10/2014 21:15	10.00	6.10	9.00	6.50	3.50
5/10/2014 21:30	8.90	6.60	10.00	6.10	2.80
5/10/2014 21:45	8.80	6.50	9.90	6.10	2.70
5/10/2014 22:00	8.80	6.60	9.90	6.10	2.70
5/10/2014 22:15	10.00	6.00	8.80	6.60	3.40
5/10/2014 22:30	9.90	6.10	8.80	6.50	3.40
5/10/2014 22:45	9.90	6.10	8.80	6.60	3.30
5/10/2014 23:00	9.90	6.10	8.90	6.60	3.30
5/10/2014 23:15	8.90	6.40	9.90	6.10	2.80
5/10/2014 23:30	10.00	6.10	8.90	6.50	3.50
5/10/2014 23:45	9.90	6.10	8.90	6.50	3.40
5/11/2014 0:00	8.90	6.50	9.90	6.00	2.90
5/11/2014 0:15	9.00	6.50	10.00	6.10	2.90
5/11/2014 0:30	8.90	6.40	10.00	6.10	2.80
5/11/2014 0:45	10.00	6.10	8.90	6.40	3.60
5/11/2014 1:00	9.90	6.10	8.90	6.40	3.50
5/11/2014 1:15	10.10	6.10	8.90	6.50	3.60
5/11/2014 1:30	10.20	6.10	9.00	6.50	3.70
5/11/2014 1:45	10.00	6.10	8.90	6.50	3.50
5/11/2014 2:00	10.00	6.10	8.90	6.50	3.50
5/11/2014 2:15	9.90	6.10	8.90	6.50	3.40
5/11/2014 2:30	10.00	6.00	8.90	6.40	3.60
5/11/2014 2:45	8.90	6.50	10.30	6.10	2.80
5/11/2014 3:00	9.90	6.10	8.90	6.50	3.40
5/11/2014 3:15	9.90	6.10	8.90	6.50	3.40
5/11/2014 3:30	9.90	6.10	8.90	6.50	3.40
5/11/2014 3:45	8.90	6.60	9.90	6.10	2.80
5/11/2014 4:00	9.90	6.10	9.00	6.50	3.40
5/11/2014 4:15	9.90	6.10	8.90	6.50	3.40
5/11/2014 4:30	8.90	6.50	9.90	6.10	2.80
5/11/2014 4:45	10.00	6.10	8.80	6.50	3.50
5/11/2014 5:00	8.90	6.50	9.90	6.10	2.80
5/11/2014 5:15	9.90	6.10	8.90	6.40	3.50
5/11/2014 5:30	9.90	6.10	8.90	6.50	3.40
5/11/2014 5:45	9.00	6.50	9.90	6.10	2.90
5/11/2014 6:00	9.90	6.10	8.90	6.50	3.40
5/11/2014 6:15	9.90	6.10	8.90	6.50	3.40
5/11/2014 6:30	9.90	6.10	8.90	6.50	3.40
5/11/2014 6:45	9.90	6.10	9.00	6.50	3.40
5/11/2014 7:00	9.90	6.10	9.00	6.40	3.50
5/11/2014 7:15	10.00	6.00	9.00	6.40	3.60
5/11/2014 7:30	10.00	6.00	9.00	6.40	3.60
5/11/2014 7:45	10.00	6.00	9.10	6.40	3.60
5/11/2014 8:00	9.10	6.30	10.10	6.00	3.10
5/11/2014 8:15	10.20	6.10	9.10	6.30	3.90
5/11/2014 8:30	10.20	5.90	9.30	6.30	3.90
5/11/2014 8:45	9.20	6.40	10.20	6.00	3.20
5/11/2014 9:00	9.20	6.30	10.20	5.90	3.30
5/11/2014 9:15	9.00	6.30	10.20	5.90	3.10
5/11/2014 9:30	9.00	6.30	10.20	6.10	2.90
5/11/2014 9:45	10.30	5.70	9.20	6.20	4.10
5/11/2014 10:00	10.40	5.60	9.20	6.20	4.20
5/11/2014 10:15	9.30	6.20	10.50	5.10	4.20



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/11/2014 10:30	10.60	5.60	9.30	6.20	4.40
5/11/2014 10:45	9.40	6.10	10.40	5.10	4.30
5/11/2014 11:00	10.50	5.20	9.30	6.20	4.30
5/11/2014 11:15	10.30	5.40	9.40	6.20	4.10
5/11/2014 11:30	9.50	6.10	9.50	4.80	4.70
5/11/2014 11:45	8.70	5.00	9.50	6.10	2.60
5/11/2014 12:00	7.10	4.60	9.50	6.10	1.00
5/11/2014 12:15	7.00	4.30	9.40	6.00	1.00
5/11/2014 12:30	9.20	5.20	9.10	5.90	3.30
5/11/2014 12:45	9.40	4.80	9.40	6.00	3.40
5/11/2014 13:00	8.80	5.80	9.70	4.60	4.20
5/11/2014 13:15	9.50	6.10	10.50	5.50	4.00
5/11/2014 13:30	8.80	3.90	9.20	6.00	2.80
5/11/2014 13:45	10.30	5.30	9.50	6.00	4.30
5/11/2014 14:00	9.20	6.00	8.90	4.50	4.70
5/11/2014 14:15	9.50	5.90	10.00	5.20	4.30
5/11/2014 14:30	9.40	5.90	9.90	5.30	4.10
5/11/2014 14:45	9.40	5.90	10.20	5.40	4.00
5/11/2014 15:00	9.40	6.10	10.50	5.50	3.90
5/11/2014 15:15	10.60	5.60	9.30	6.10	4.50
5/11/2014 15:30	10.50	5.60	9.30	6.10	4.40
5/11/2014 15:45	9.30	6.10	10.50	5.60	3.70
5/11/2014 16:00	9.40	6.10	10.50	5.60	3.80
5/11/2014 16:15	9.30	6.20	10.50	5.70	3.60
5/11/2014 16:30	10.40	5.70	9.20	6.20	4.20
5/11/2014 16:45	10.40	5.70	9.40	6.20	4.20
5/11/2014 17:00	9.10	6.20	10.40	5.80	3.30
5/11/2014 17:15	10.30	5.80	9.10	6.30	4.00
5/11/2014 17:30	9.10	6.30	10.30	5.80	3.30
5/11/2014 17:45	9.20	6.30	10.30	5.80	3.40
5/11/2014 18:00	10.30	5.90	9.20	6.40	3.90
5/11/2014 18:15	10.20	5.90	9.10	6.40	3.80
5/11/2014 18:30	10.20	6.00	9.10	6.50	3.70
5/11/2014 18:45	10.20	5.90	24.00	1055.60	0.00
5/11/2014 19:00	29.90	897.30	67.70	11.30	886.00
5/11/2014 19:15	10.60	1056.10	66.00	47.30	1008.80
5/11/2014 19:30	16.50	26.60	8.20	5.60	21.00
5/11/2014 19:45	6.00	12.70	7.10	8.60	5.60
5/11/2014 20:00	8.20	26.20	7.50	62.30	18.70
5/11/2014 20:15	5.50	10.60	7.60	29.60	3.00
5/11/2014 20:30	16.50	10.80	6.30	58.90	10.20
5/11/2014 20:45	21.50	12.40	8.10	196.60	13.40
5/11/2014 21:00	19.60	27.50	5.70	73.50	21.80
5/11/2014 21:15	6.00	129.80	14.80	50.70	115.00
5/11/2014 21:30	5.60	4.40	13.60	50.50	0.00
5/11/2014 21:45	12.70	51.50	5.50	4.40	47.10
5/11/2014 22:00	5.50	4.30	10.90	47.40	0.00
5/11/2014 22:15	5.70	4.30	9.90	40.20	0.00
5/11/2014 22:30	5.60	4.40	8.90	32.30	0.00
5/11/2014 22:45	8.30	28.60	5.70	4.40	24.20
5/11/2014 23:00	5.80	4.40	7.90	24.90	0.00
5/11/2014 23:15	7.60	5.60	5.80	4.50	3.10
5/11/2014 23:30	5.90	4.50	7.60	5.60	0.30
5/11/2014 23:45	8.10	5.80	6.10	4.50	3.60
5/12/2014 0:00	8.10	5.80	6.50	4.50	3.60
5/12/2014 0:15	8.10	5.70	6.60	4.60	3.50
5/12/2014 0:30	6.40	4.60	8.20	5.70	0.70
5/12/2014 0:45	8.50	5.60	6.50	4.60	3.90
5/12/2014 1:00	6.30	4.60	8.60	5.70	0.60
5/12/2014 1:15	8.60	5.80	6.30	4.60	4.00
5/12/2014 1:30	6.20	4.60	8.60	5.60	0.60
5/12/2014 1:45	6.20	4.60	8.60	5.70	0.50
5/12/2014 2:00	8.70	5.70	6.30	4.70	4.00
5/12/2014 2:15	8.70	5.60	6.30	4.70	4.00
5/12/2014 2:30	8.70	5.80	6.30	4.80	3.90
5/12/2014 2:45	8.70	5.80	6.30	4.70	4.00
5/12/2014 3:00	6.20	4.60	8.70	5.70	0.50
5/12/2014 3:15	6.20	4.70	8.70	5.60	0.60
5/12/2014 3:30	6.10	4.70	8.60	5.70	0.40
5/12/2014 3:45	6.20	4.70	8.70	5.60	0.60
5/12/2014 4:00	8.70	5.70	6.20	4.70	4.00
5/12/2014 4:15	6.20	4.60	8.70	5.80	0.40
5/12/2014 4:30	6.20	4.70	8.70	5.70	0.50
5/12/2014 4:45	6.20	4.70	8.70	5.80	0.40
5/12/2014 5:00	8.70	5.80	6.20	4.80	3.90
5/12/2014 5:15	6.20	4.70	8.70	5.80	0.40
5/12/2014 5:30	6.30	4.80	8.70	5.80	0.50
5/12/2014 5:45	6.30	4.80	8.70	5.80	0.50
5/12/2014 6:00	6.40	4.90	8.70	5.80	0.60
5/12/2014 6:15	6.40	4.90	8.80	5.80	0.60
5/12/2014 6:30	6.60	5.00	8.70	5.90	0.70
5/12/2014 6:45	6.90	5.10	8.80	5.90	1.00
5/12/2014 7:00	7.30	5.20	8.90	6.10	1.20
5/12/2014 7:15	8.00	5.20	8.90	6.10	1.90
5/12/2014 7:30	8.70	5.20	8.90	6.10	2.60
5/12/2014 7:45	8.90	5.30	9.00	6.20	2.70
5/12/2014 8:00	8.80	6.10	9.20	5.40	3.40
5/12/2014 8:15	9.30	5.40	8.90	6.10	3.20
5/12/2014 8:30	9.40	5.40	8.70	6.00	3.40



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/12/2014 8:45	8.40	5.10	9.40	5.50	2.90
5/12/2014 9:00	9.00	6.10	9.50	5.40	3.60
5/12/2014 9:15	8.90	5.70	9.60	5.50	3.40
5/12/2014 9:30	9.00	6.00	9.70	5.40	3.60
5/12/2014 9:45	9.70	5.50	9.00	6.00	3.70
5/12/2014 10:00	9.10	6.10	9.80	5.50	3.60
5/12/2014 10:15	8.90	6.10	9.80	5.50	3.40
5/12/2014 10:30	9.80	5.50	9.20	6.00	3.80
5/12/2014 10:45	9.80	5.40	9.30	6.00	3.80
5/12/2014 11:00	6.80	4.90	9.70	5.40	1.40
5/12/2014 11:15	8.30	7.00	7.10	4.90	3.40
5/12/2014 11:30	8.60	7.00	7.40	5.60	3.00
5/12/2014 11:45	8.40	5.70	8.50	6.60	1.80
5/12/2014 12:00	7.80	5.60	8.50	6.60	1.20
5/12/2014 12:15	7.90	6.00	7.50	5.30	2.60
5/12/2014 12:30	8.20	6.00	8.00	7.40	0.80
5/12/2014 12:45	8.10	33.50	8.30	5.90	0.00
5/12/2014 13:00	8.60	5.80	14.50	11.00	0.00
5/12/2014 13:15	9.40	5.30	23.00	16.20	0.00
5/12/2014 13:30	10.00	8.40	11.40	4.90	5.10
5/12/2014 13:45	13.80	12.00	9.50	4.60	9.20
5/12/2014 14:00	9.50	5.80	10.20	9.40	0.10
5/12/2014 14:15	10.10	5.70	8.10	7.90	2.20
5/12/2014 14:30	8.20	6.50	8.80	5.40	2.80
5/12/2014 14:45	9.00	5.60	7.60	5.60	3.40
5/12/2014 15:00	7.80	5.80	9.40	5.30	2.50
5/12/2014 15:15	3.60	5.20	8.80	5.80	0.00
5/12/2014 15:30	8.80	5.80	4.10	5.30	4.70
5/12/2014 15:45	9.00	5.40	9.00	5.90	3.10
5/12/2014 16:00	5.50	5.50	8.80	5.90	0.00
5/12/2014 16:15	9.10	5.50	8.90	5.90	3.20
5/12/2014 16:30	8.20	5.50	9.00	5.90	2.30
5/12/2014 16:45	8.60	5.50	8.80	5.90	2.70
5/12/2014 17:00	8.80	5.90	9.00	5.50	3.30
5/12/2014 17:15	9.10	5.50	8.90	5.90	3.20
5/12/2014 17:30	9.10	5.50	8.80	5.90	3.20
5/12/2014 17:45	9.20	5.50	9.00	5.90	3.30
5/12/2014 18:00	9.10	5.50	8.90	5.80	3.30
5/12/2014 18:15	8.90	5.80	9.20	5.50	3.40
5/12/2014 18:30	9.20	5.50	9.00	5.80	3.40
5/12/2014 18:45	9.20	5.50	8.90	5.80	3.40
5/12/2014 19:00	8.70	5.80	9.20	5.50	3.20
5/12/2014 19:15	9.00	5.80	9.20	5.50	3.50
5/12/2014 19:30	9.20	5.50	8.90	5.80	3.40
5/12/2014 19:45	8.90	5.90	9.20	5.60	3.30
5/12/2014 20:00	9.20	5.50	8.90	5.80	3.40
5/12/2014 20:15	9.20	5.50	8.90	5.80	3.40
5/12/2014 20:30	9.20	5.60	8.90	5.90	3.30
5/12/2014 20:45	8.70	5.90	9.20	5.50	3.20
5/12/2014 21:00	9.20	5.50	8.90	5.90	3.30
5/12/2014 21:15	8.90	5.90	9.10	5.50	3.40
5/12/2014 21:30	9.10	5.50	9.00	5.80	3.30
5/12/2014 21:45	9.20	5.50	8.80	5.90	3.30
5/12/2014 22:00	9.10	5.50	8.70	6.00	3.10
5/12/2014 22:15	8.80	6.00	9.10	5.50	3.30
5/12/2014 22:30	8.80	5.90	9.10	5.50	3.30
5/12/2014 22:45	9.10	5.50	8.90	6.00	3.10
5/12/2014 23:00	9.10	5.60	8.90	5.90	3.20
5/12/2014 23:15	9.10	5.50	8.80	6.00	3.10
5/12/2014 23:30	9.10	5.50	8.70	6.00	3.10
5/12/2014 23:45	8.70	6.00	9.10	5.50	3.20
5/13/2014 0:00	8.90	5.50	12.20	102.50	0.00
5/13/2014 0:15	168.10	19.40	765.20	11.90	156.20
5/13/2014 0:30	8.20	292.70	6.70	53.30	286.00
5/13/2014 0:45	63.90	167.20	11.30	594.10	155.90
5/13/2014 1:00	5.10	4.40	11.10	571.80	0.00
5/13/2014 1:15	5.20	4.50	13.60	700.90	0.00
5/13/2014 1:30	5.20	4.50	12.90	5.30	0.00
5/13/2014 1:45	12.60	5.20	5.20	4.50	8.10
5/13/2014 2:00	12.30	5.10	5.10	4.40	7.90
5/13/2014 2:15	5.10	4.40	11.90	5.20	0.00
5/13/2014 2:30	5.10	4.40	13.40	5.10	0.00
5/13/2014 2:45	12.80	5.10	5.10	4.40	8.40
5/13/2014 3:00	11.90	5.10	5.10	4.40	7.50
5/13/2014 3:15	5.10	4.30	14.90	5.30	0.00
5/13/2014 3:30	13.80	5.10	5.10	4.30	9.50
5/13/2014 3:45	5.20	5.30	13.60	5.10	0.20
5/13/2014 4:00	14.90	5.20	5.40	9.00	9.50
5/13/2014 4:15	40.20	7.20	5.80	4.30	35.90
5/13/2014 4:30	33.10	20.50	5.50	4.30	28.80
5/13/2014 4:45	58.50	17.90	5.40	151.20	53.10
5/13/2014 5:00	13.80	6.10	7.20	28.00	6.60
5/13/2014 5:15	7.00	5.10	5.40	4.30	2.70
5/13/2014 5:30	5.60	4.30	72.60	5.00	0.60
5/13/2014 5:45	65.90	5.00	5.30	4.30	61.60
5/13/2014 6:00	56.20	5.00	5.30	4.30	51.90
5/13/2014 6:15	47.40	5.00	5.20	4.30	43.10
5/13/2014 6:30	5.20	4.20	71.40	5.00	0.20
5/13/2014 6:45	59.80	4.90	5.30	4.20	55.60



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/13/2014 7:00	5.20	4.20	44.80	5.00	0.20
5/13/2014 7:15	5.30	4.20	36.30	5.10	0.20
5/13/2014 7:30	5.10	4.10	27.60	5.30	0.00
5/13/2014 7:45	22.30	5.40	5.10	4.00	18.30
5/13/2014 8:00	5.50	4.10	12.80	5.50	0.00
5/13/2014 8:15	5.50	4.10	8.20	5.60	0.00
5/13/2014 8:30	5.60	4.10	8.10	5.70	0.00
5/13/2014 8:45	5.60	4.10	7.60	5.60	0.00
5/13/2014 9:00	5.50	4.10	7.60	5.60	0.00
5/13/2014 9:15	5.50	4.10	7.90	5.60	0.00
5/13/2014 9:30	8.20	5.70	5.50	4.10	4.10
5/13/2014 9:45	8.30	5.90	5.40	4.20	4.10
5/13/2014 10:00	5.30	4.30	8.40	5.90	0.00
5/13/2014 10:15	8.30	6.00	5.50	4.30	4.00
5/13/2014 10:30	8.30	6.00	5.40	4.30	4.00
5/13/2014 10:45	8.50	6.00	4.00	4.30	4.50
5/13/2014 11:00	5.50	4.30	8.70	6.00	0.00
5/13/2014 11:15	8.70	6.10	5.90	4.30	4.40
5/13/2014 11:30	6.30	4.30	8.70	6.10	0.20
5/13/2014 11:45	5.70	4.30	8.80	6.10	0.00
5/13/2014 12:00	8.70	6.10	5.10	4.30	4.40
5/13/2014 12:15	6.40	4.40	8.80	6.10	0.30
5/13/2014 12:30	3.70	4.40	8.90	6.00	0.00
5/13/2014 12:45	6.00	4.40	9.00	5.90	0.10
5/13/2014 13:00	8.90	6.00	6.40	4.40	4.50
5/13/2014 13:15	8.90	5.90	6.80	4.40	4.50
5/13/2014 13:30	9.00	5.90	6.80	4.40	4.60
5/13/2014 13:45	9.00	6.00	6.70	4.40	4.60
5/13/2014 14:00	8.80	6.00	6.70	4.40	4.40
5/13/2014 14:15	6.70	4.40	8.90	6.00	0.70
5/13/2014 14:30	8.90	6.00	6.80	4.40	4.50
5/13/2014 14:45	8.80	5.90	6.80	4.40	4.40
5/13/2014 15:00	8.90	5.90	6.80	4.40	4.50
5/13/2014 15:15	6.80	4.40	8.90	5.90	0.90
5/13/2014 15:30	8.80	6.00	6.70	4.40	4.40
5/13/2014 15:45	6.70	4.40	8.80	6.00	0.70
5/13/2014 16:00	6.70	4.40	8.80	6.00	0.70
5/13/2014 16:15	6.70	4.40	13.60	5.90	0.80
5/13/2014 16:30	6.60	4.40	8.50	5.90	0.70
5/13/2014 16:45	6.60	4.40	8.50	5.90	0.70
5/13/2014 17:00	8.70	5.90	6.60	4.40	4.30
5/13/2014 17:15	8.90	5.90	6.60	4.40	4.50
5/13/2014 17:30	8.70	6.10	6.70	4.40	4.30
5/13/2014 17:45	6.60	4.40	8.80	6.10	0.50
5/13/2014 18:00	8.80	6.10	6.70	4.40	4.40
5/13/2014 18:15	6.60	4.40	8.80	6.10	0.50
5/13/2014 18:30	8.80	6.00	6.60	4.40	4.40
5/13/2014 18:45	6.60	4.40	8.80	6.10	0.50
5/13/2014 19:00	6.60	4.40	8.80	6.10	0.50
5/13/2014 19:15	8.80	6.10	6.70	4.40	4.40
5/13/2014 19:30	8.80	6.10	6.60	4.40	4.40
5/13/2014 19:45	6.60	4.40	8.80	6.00	0.60
5/13/2014 20:00	6.60	4.40	8.80	6.00	0.60
5/13/2014 20:15	6.60	4.40	8.80	6.20	0.40
5/13/2014 20:30	8.70	6.10	6.60	4.40	4.30
5/13/2014 20:45	6.60	4.40	8.80	6.20	0.40
5/13/2014 21:00	6.60	4.40	8.70	6.10	0.50
5/13/2014 21:15	6.60	4.40	8.70	6.10	0.50
5/13/2014 21:30	6.60	4.40	8.80	6.20	0.40
5/13/2014 21:45	6.60	4.40	8.80	6.20	0.40
5/13/2014 22:00	6.60	4.30	8.80	6.10	0.50
5/13/2014 22:15	8.70	6.20	6.60	4.30	4.40
5/13/2014 22:30	8.80	6.20	6.60	4.30	4.50
5/13/2014 22:45	6.60	4.30	8.80	6.20	0.40
5/13/2014 23:00	6.50	4.30	8.70	6.30	0.20
5/13/2014 23:15	6.60	4.40	8.70	6.10	0.50
5/13/2014 23:30	8.80	6.20	6.60	4.30	4.50
5/13/2014 23:45	8.80	6.10	6.60	4.30	4.50
5/14/2014 0:00	8.90	6.10	6.60	4.30	4.60
5/14/2014 0:15	8.80	6.00	6.60	4.30	4.50
5/14/2014 0:30	6.60	4.30	8.80	6.10	0.50
5/14/2014 0:45	6.60	4.30	8.70	6.00	0.60
5/14/2014 1:00	8.80	6.10	6.60	4.30	4.50
5/14/2014 1:15	8.80	6.10	6.60	4.30	4.50
5/14/2014 1:30	8.90	6.20	6.60	4.30	4.60
5/14/2014 1:45	8.80	6.10	6.60	4.30	4.50
5/14/2014 2:00	8.80	6.10	6.50	4.30	4.50
5/14/2014 2:15	6.60	4.30	8.70	6.10	0.50
5/14/2014 2:30	6.60	4.30	8.70	6.10	0.50
5/14/2014 2:45	8.60	6.10	6.60	4.30	4.30
5/14/2014 3:00	6.60	4.30	8.80	6.10	0.50
5/14/2014 3:15	8.80	6.10	6.60	4.30	4.50
5/14/2014 3:30	8.80	6.10	6.60	4.30	4.50
5/14/2014 3:45	8.80	6.20	6.50	4.30	4.50
5/14/2014 4:00	8.70	6.20	6.60	4.30	4.40
5/14/2014 4:15	8.70	6.10	6.60	4.30	4.40
5/14/2014 4:30	8.70	6.20	6.60	4.30	4.40
5/14/2014 4:45	6.60	4.30	8.80	6.20	0.40
5/14/2014 5:00	8.70	6.10	6.60	4.30	4.40



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/14/2014 5:15	6.60	4.30	8.90	6.20	0.40
5/14/2014 5:30	6.60	4.30	8.80	6.20	0.40
5/14/2014 5:45	6.60	4.30	8.70	6.20	0.40
5/14/2014 6:00	8.80	6.20	6.90	4.30	4.50
5/14/2014 6:15	8.90	6.20	6.50	4.30	0.00
5/14/2014 6:30	8.70	6.20	6.60	4.30	4.40
5/14/2014 6:45	6.60	4.30	8.80	6.10	0.50
5/14/2014 7:00	8.80	6.20	6.60	4.30	4.50
5/14/2014 7:15	6.60	4.30	8.80	6.20	0.40
5/14/2014 7:30	6.60	4.30	8.80	6.20	0.40
5/14/2014 7:45	6.60	4.30	8.80	6.20	0.40
5/14/2014 8:00	6.60	4.30	8.90	6.30	0.30
5/14/2014 8:15	6.50	4.30	8.80	6.20	0.30
5/14/2014 8:30	6.60	4.30	8.80	6.10	0.50
5/14/2014 8:45	8.90	6.20	6.50	4.30	4.60
5/14/2014 9:00	8.90	6.20	6.60	4.30	4.60
5/14/2014 9:15	6.60	4.30	8.90	6.20	0.40
5/14/2014 9:30	8.90	6.30	6.50	4.30	4.60
5/14/2014 9:45	6.50	4.30	8.80	6.20	0.30
5/14/2014 10:00	6.50	4.30	8.80	6.20	0.30
5/14/2014 10:15	6.50	4.30	8.90	6.20	0.30
5/14/2014 10:30	6.60	4.30	8.90	6.30	0.30
5/14/2014 10:45	6.50	4.30	8.90	6.20	0.30
5/14/2014 11:00	6.40	4.40	8.80	6.10	0.30
5/14/2014 11:15	6.50	4.30	8.90	6.20	0.30
5/14/2014 11:30	6.30	4.30	8.90	6.30	0.00
5/14/2014 11:45	5.40	4.30	9.00	6.20	0.00
5/14/2014 12:00	6.10	4.30	8.80	6.20	0.00
5/14/2014 12:15	6.30	4.30	8.90	6.20	0.10
5/14/2014 12:30	6.50	4.30	8.90	6.20	0.30
5/14/2014 12:45	6.60	4.30	8.90	6.20	0.40
5/14/2014 13:00	6.60	4.40	8.90	6.30	0.30
5/14/2014 13:15	8.90	6.20	6.50	4.40	4.50
5/14/2014 13:30	8.90	6.30	6.40	4.40	4.50
5/14/2014 13:45	6.50	4.40	8.90	6.30	0.20
5/14/2014 14:00	6.50	4.30	8.90	6.30	0.20
5/14/2014 14:15	8.90	6.30	6.60	4.30	4.60
5/14/2014 14:30	6.60	4.30	8.80	6.30	0.30
5/14/2014 14:45	6.60	4.30	8.90	6.30	0.30
5/14/2014 15:00	9.00	6.20	6.50	4.30	4.70
5/14/2014 15:15	6.50	4.30	8.90	6.20	0.30
5/14/2014 15:30	8.90	6.20	6.50	4.40	4.50
5/14/2014 15:45	6.50	4.30	8.90	6.20	0.30
5/14/2014 16:00	8.90	6.10	6.60	4.30	4.60
5/14/2014 16:15	7.00	4.40	8.80	6.20	0.80
5/14/2014 16:30	8.80	6.10	6.60	29.60	2.20
5/14/2014 16:45	8.50	6.00	100.60	49.80	0.00
5/14/2014 17:00	18.80	38.90	8.20	6.00	32.90
5/14/2014 17:15	9.10	129.70	8.50	6.10	123.60
5/14/2014 17:30	160.20	8.50	8.40	6.10	154.10
5/14/2014 17:45	8.10	6.10	47.80	10.50	0.00
5/14/2014 18:00	47.40	192.60	8.30	6.10	186.50
5/14/2014 18:15	6.10	4.40	8.50	6.20	0.00
5/14/2014 18:30	8.50	6.20	6.10	4.40	4.10
5/14/2014 18:45	8.30	6.30	6.20	4.40	3.90
5/14/2014 19:00	8.00	6.30	8.50	13.20	0.00
5/14/2014 19:15	37.30	25.90	8.10	6.00	31.30
5/14/2014 19:30	6.30	385.40	6.90	5.90	379.50
5/14/2014 19:45	6.80	5.70	205.10	83.40	0.00
5/14/2014 20:00	6.40	52.40	161.70	68.00	0.00
5/14/2014 20:15	6.20	17.80	35.50	70.70	0.00
5/14/2014 20:30	6.30	14.80	24.90	15.90	0.00
5/14/2014 20:45	6.10	912.50	23.30	6.10	906.40
5/14/2014 21:00	7.00	6.30	16.20	164.90	0.00
5/14/2014 21:15	6.60	6.20	38.40	25.50	0.00
5/14/2014 21:30	5.90	5.50	6.60	6.00	0.00
5/14/2014 21:45	11.90	29.40	7.80	5.70	23.70
5/14/2014 22:00	6.60	5.70	6.30	7.10	0.30
5/14/2014 22:15	6.60	5.70	5.40	6.60	1.20
5/14/2014 22:30	5.40	4.50	8.60	5.80	0.00
5/14/2014 22:45	7.00	6.00	7.00	4.60	2.40
5/14/2014 23:00	7.30	5.90	6.00	4.50	2.80
5/14/2014 23:15	8.10	5.80	9.90	5.90	2.20
5/14/2014 23:30	6.40	14.50	25.40	5.70	8.80
5/14/2014 23:45	26.40	16.30	6.10	153.00	20.30
5/15/2014 0:00	24.90	16.40	5.60	1061.20	19.30
5/15/2014 0:15	4.90	153.10	22.90	10.00	143.10
5/15/2014 0:30	4.80	4.50	8.50	55.40	0.00
5/15/2014 0:45	4.60	4.70	10.40	45.70	0.00
5/15/2014 1:00	4.70	5.10	18.00	17.20	0.00
5/15/2014 1:15	4.60	7.20	6.90	17.30	0.30
5/15/2014 1:30	14.60	14.20	7.70	4.30	10.30
5/15/2014 1:45	4.60	4.50	45.70	10.00	0.00
5/15/2014 2:00	5.20	4.60	58.90	7.40	0.00
5/15/2014 2:15	7.80	5.20	4.70	8.90	3.10
5/15/2014 2:30	7.70	5.30	5.40	6.60	2.30
5/15/2014 2:45	4.80	4.80	9.20	10.40	0.00
5/15/2014 3:00	4.70	7.60	285.10	9.60	0.00
5/15/2014 3:15	20.20	9.00	1138.30	9.80	10.40



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/15/2014 3:30	4.90	9.90	731.10	8.00	1.90
5/15/2014 3:45	7.60	8.90	5.20	9.50	3.70
5/15/2014 4:00	7.20	8.80	5.90	15.40	2.90
5/15/2014 4:15	6.60	6.70	7.90	7.00	0.00
5/15/2014 4:30	4.80	8.80	6.30	7.20	2.50
5/15/2014 4:45	4.80	10.80	6.30	10.60	4.50
5/15/2014 5:00	4.80	7.10	6.90	9.00	0.20
5/15/2014 5:15	5.10	6.50	6.40	8.20	0.10
5/15/2014 5:30	4.90	6.40	7.10	130.80	0.00
5/15/2014 5:45	6.30	6.70	6.50	10.90	0.20
5/15/2014 6:00	6.10	5.30	5.10	16.20	1.00
5/15/2014 6:15	6.60	5.50	4.80	8.20	1.80
5/15/2014 6:30	6.80	11.20	4.80	19.90	6.40
5/15/2014 6:45	6.40	6.50	4.90	4.50	2.00
5/15/2014 7:00	4.80	16.30	6.00	6.40	10.30
5/15/2014 7:15	7.60	6.30	4.90	4.40	3.20
5/15/2014 7:30	4.80	104.90	6.20	7.00	98.70
5/15/2014 7:45	6.20	7.30	4.90	9.50	2.40
5/15/2014 8:00	6.40	169.10	5.10	88.90	164.00
5/15/2014 8:15	6.70	463.20	4.90	5.70	458.30
5/15/2014 8:30	6.20	328.70	5.00	4.40	324.30
5/15/2014 8:45	5.00	7.80	6.10	343.20	1.70
5/15/2014 9:00	6.10	289.60	4.90	11.30	284.70
5/15/2014 9:15	6.10	11.00	4.90	4.30	6.70
5/15/2014 9:30	5.80	11.40	5.90	5.40	6.00
5/15/2014 9:45	4.90	4.70	6.10	5.40	0.00
5/15/2014 10:00	5.20	4.20	6.10	5.20	0.00
5/15/2014 10:15	4.80	4.50	6.10	9.00	0.00
5/15/2014 10:30	5.00	4.30	5.80	5.40	0.00
5/15/2014 10:45	5.00	4.20	6.60	10.00	0.00
5/15/2014 11:00	7.00	5.60	5.00	4.20	2.80
5/15/2014 11:15	4.90	4.20	7.50	5.70	0.00
5/15/2014 11:30	8.00	5.90	4.90	4.20	3.80
5/15/2014 11:45	4.40	4.20	8.80	6.00	0.00
5/15/2014 12:00	4.10	4.20	8.80	6.00	0.00
5/15/2014 12:15	5.10	4.20	8.90	6.10	0.00
5/15/2014 12:30	5.10	4.20	8.80	6.20	0.00
5/15/2014 12:45	5.30	4.20	9.00	6.10	0.00
5/15/2014 13:00	9.00	6.20	5.40	4.20	4.80
5/15/2014 13:15	5.30	4.20	9.20	6.10	0.00
5/15/2014 13:30	5.30	4.20	9.20	6.20	0.00
5/15/2014 13:45	9.30	6.20	5.60	4.20	5.10
5/15/2014 14:00	5.50	4.20	9.30	6.20	0.00
5/15/2014 14:15	5.50	4.20	9.30	6.20	0.00
5/15/2014 14:30	9.30	6.20	5.40	4.30	5.00
5/15/2014 14:45	5.60	4.30	9.30	6.20	0.00
5/15/2014 15:00	9.30	6.30	5.50	4.30	5.00
5/15/2014 15:15	9.20	6.30	5.50	4.30	4.90
5/15/2014 15:30	5.50	4.30	9.30	6.30	0.00
5/15/2014 15:45	5.50	4.30	9.10	6.30	0.00
5/15/2014 16:00	5.90	4.30	9.10	6.30	0.00
5/15/2014 16:15	9.30	6.30	6.00	4.30	5.00
5/15/2014 16:30	6.00	4.30	9.30	6.30	0.00
5/15/2014 16:45	9.20	6.30	5.90	4.30	4.90
5/15/2014 17:00	6.00	4.30	9.40	6.30	0.00
5/15/2014 17:15	9.20	6.20	6.00	4.30	4.90
5/15/2014 17:30	6.00	4.30	9.30	6.10	0.00
5/15/2014 17:45	9.20	6.20	6.00	4.30	4.90
5/15/2014 18:00	9.30	6.20	6.00	4.30	5.00
5/15/2014 18:15	9.20	6.30	6.00	4.30	4.90
5/15/2014 18:30	9.10	6.20	6.00	4.30	4.80
5/15/2014 18:45	9.20	6.30	6.00	4.30	4.90
5/15/2014 19:00	9.00	6.20	5.90	4.30	4.70
5/15/2014 19:15	5.90	4.30	9.10	6.20	0.00
5/15/2014 19:30	6.10	4.30	9.10	6.20	0.00
5/15/2014 19:45	9.40	6.30	6.20	4.20	5.20
5/15/2014 20:00	9.10	6.20	6.30	4.20	4.90
5/15/2014 20:15	6.20	4.20	9.30	6.30	0.00
5/15/2014 20:30	9.10	6.40	6.20	4.20	4.90
5/15/2014 20:45	9.10	6.30	6.20	4.20	4.90
5/15/2014 21:00	8.90	6.30	6.20	4.20	4.70
5/15/2014 21:15	8.90	6.40	6.20	4.30	4.60
5/15/2014 21:30	6.10	4.30	8.90	6.30	0.00
5/15/2014 21:45	6.20	4.30	9.00	6.30	0.00
5/15/2014 22:00	6.20	4.30	9.00	6.30	0.00
5/15/2014 22:15	6.20	4.30	9.00	6.20	0.00
5/15/2014 22:30	6.10	4.30	9.10	6.30	0.00
5/15/2014 22:45	6.20	4.30	9.00	6.20	0.00
5/15/2014 23:00	6.10	4.30	8.80	6.20	0.00
5/15/2014 23:15	9.00	6.30	6.10	4.30	4.70
5/15/2014 23:30	8.90	6.30	6.20	4.30	0.00
5/15/2014 23:45	9.00	6.30	6.10	4.30	4.70
5/16/2014 0:00	9.00	6.30	6.20	4.30	4.70
5/16/2014 0:15	6.20	4.30	8.90	6.30	0.00
5/16/2014 0:30	6.20	4.30	8.90	6.20	0.00
5/16/2014 0:45	6.20	4.30	9.00	6.30	0.00
5/16/2014 1:00	6.20	4.30	9.10	6.40	0.00
5/16/2014 1:15	6.10	4.30	9.00	6.30	0.00
5/16/2014 1:30	8.90	6.40	6.10	4.30	4.60



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/16/2014 1:45	6.10	4.30	9.10	6.20	0.00
5/16/2014 2:00	6.10	4.30	8.90	6.20	0.00
5/16/2014 2:15	9.00	6.20	6.10	4.30	4.70
5/16/2014 2:30	6.10	4.40	8.90	6.20	0.00
5/16/2014 2:45	6.10	4.40	9.10	6.30	0.00
5/16/2014 3:00	6.10	4.40	9.00	6.20	0.00
5/16/2014 3:15	9.00	6.20	6.10	4.40	4.60
5/16/2014 3:30	6.20	4.40	8.90	6.30	0.00
5/16/2014 3:45	6.20	4.40	9.10	6.20	0.00
5/16/2014 4:00	6.10	4.40	9.00	6.20	0.00
5/16/2014 4:15	6.10	4.40	9.10	6.30	0.00
5/16/2014 4:30	6.20	4.30	9.10	6.30	0.00
5/16/2014 4:45	9.00	6.30	6.20	4.30	4.70
5/16/2014 5:00	6.20	4.30	8.90	6.20	0.00
5/16/2014 5:15	6.10	4.30	9.00	6.20	0.00
5/16/2014 5:30	6.10	4.30	9.50	6.30	0.00
5/16/2014 5:45	9.10	6.30	6.10	4.30	4.80
5/16/2014 6:00	6.10	4.30	9.00	6.20	0.00
5/16/2014 6:15	6.20	4.40	8.90	6.20	0.00
5/16/2014 6:30	6.20	4.30	8.70	6.20	0.00
5/16/2014 6:45	6.20	4.40	8.20	10.60	0.00
5/16/2014 7:00	43.10	19.20	6.10	4.40	38.70
5/16/2014 7:15	9.10	45.50	6.10	4.90	40.60
5/16/2014 7:30	6.10	4.50	6.20	15.30	0.00
5/16/2014 7:45	6.10	4.30	6.20	15.00	0.00
5/16/2014 8:00	6.10	4.30	6.40	8.20	0.00
5/16/2014 8:15	6.10	4.30	6.20	5.70	0.40
5/16/2014 8:30	6.10	4.30	9.50	5.80	0.30
5/16/2014 8:45	6.90	15.20	6.10	4.30	10.90
5/16/2014 9:00	9.80	10.00	6.10	4.50	5.50
5/16/2014 9:15	32.50	29.20	6.10	4.70	27.80
5/16/2014 9:30	6.10	6.50	5.80	14.40	0.70
5/16/2014 9:45	6.70	145.80	6.10	7.00	139.70
5/16/2014 10:00	6.10	8.00	6.00	6.20	2.00
5/16/2014 10:15	6.10	5.30	6.70	9.10	0.00
5/16/2014 10:30	6.10	5.40	6.10	4.30	1.80
5/16/2014 10:45	6.10	4.30	6.40	5.50	0.60
5/16/2014 11:00	6.10	4.30	6.60	6.50	0.00
5/16/2014 11:15	6.10	4.30	7.00	5.60	0.50
5/16/2014 11:30	6.10	4.30	6.70	5.70	0.40
5/16/2014 11:45	6.10	4.30	7.30	5.70	0.40
5/16/2014 12:00	7.40	6.00	6.10	4.30	3.10
5/16/2014 12:15	6.10	4.30	7.40	5.70	0.40
5/16/2014 12:30	6.00	4.30	7.50	7.80	0.00
5/16/2014 12:45	6.00	4.30	7.80	6.00	0.00
5/16/2014 13:00	6.10	4.30	8.20	7.60	0.00
5/16/2014 13:15	8.70	6.00	6.10	4.30	4.40
5/16/2014 13:30	6.10	4.30	8.60	6.00	0.10
5/16/2014 13:45	6.10	4.30	8.80	6.00	0.10
5/16/2014 14:00	8.70	6.00	6.10	4.30	4.40
5/16/2014 14:15	6.10	4.30	8.80	6.00	0.10
5/16/2014 14:30	6.10	4.30	8.80	6.00	0.10
5/16/2014 14:45	6.10	4.30	8.90	6.10	0.00
5/16/2014 15:00	8.70	6.00	6.10	4.30	4.40
5/16/2014 15:15	6.10	4.30	8.90	6.00	0.10
5/16/2014 15:30	6.10	4.30	8.60	6.10	0.00
5/16/2014 15:45	6.10	4.30	8.80	6.00	0.10
5/16/2014 16:00	6.10	4.30	8.80	6.10	0.00
5/16/2014 16:15	6.10	4.30	8.70	6.10	0.00
5/16/2014 16:30	6.10	4.30	8.90	6.10	0.00
5/16/2014 16:45	8.60	6.10	6.10	4.30	4.30
5/16/2014 17:00	6.10	4.30	8.90	6.00	0.10
5/16/2014 17:15	6.10	4.30	8.60	6.10	0.00
5/16/2014 17:30	6.10	4.30	8.60	6.10	0.00
5/16/2014 17:45	6.10	4.30	8.50	6.20	0.00
5/16/2014 18:00	8.60	5.90	6.10	4.30	4.30
5/16/2014 18:15	6.10	4.30	8.80	6.00	0.10
5/16/2014 18:30	6.10	4.30	8.50	6.10	0.00
5/16/2014 18:45	8.70	6.10	6.10	4.30	0.00
5/16/2014 19:00	8.70	6.00	6.10	4.30	4.40
5/16/2014 19:15	6.10	4.30	8.50	6.00	0.10
5/16/2014 19:30	6.10	4.30	8.70	6.10	0.00
5/16/2014 19:45	6.10	4.30	8.60	6.00	0.10
5/16/2014 20:00	6.10	4.30	8.50	6.10	0.00
5/16/2014 20:15	6.10	4.30	8.40	6.10	0.00
5/16/2014 20:30	8.50	6.20	6.10	4.30	4.20
5/16/2014 20:45	6.10	4.30	8.60	6.00	0.10
5/16/2014 21:00	6.10	4.30	8.50	6.20	0.00
5/16/2014 21:15	8.60	6.10	6.10	4.30	4.30
5/16/2014 21:30	6.10	4.30	8.60	6.10	0.00
5/16/2014 21:45	6.10	4.30	8.50	6.10	0.00
5/16/2014 22:00	6.10	4.30	8.70	6.10	0.00
5/16/2014 22:15	6.10	4.30	8.80	6.30	0.00
5/16/2014 22:30	6.10	4.30	8.70	6.10	0.00
5/16/2014 22:45	6.10	4.30	9.00	6.10	0.00
5/16/2014 23:00	6.10	4.30	8.80	6.10	0.00
5/16/2014 23:15	6.10	4.30	8.80	6.00	0.10
5/16/2014 23:30	6.10	4.30	8.80	6.00	0.10
5/16/2014 23:45	6.10	4.30	8.80	6.10	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/17/2014 0:00	6.10	4.30	8.90	6.10	0.00
5/17/2014 0:15	6.10	4.30	8.60	6.10	0.00
5/17/2014 0:30	6.10	4.30	8.80	6.00	0.10
5/17/2014 0:45	8.70	6.20	6.10	4.30	4.40
5/17/2014 1:00	6.10	4.30	8.80	6.10	0.00
5/17/2014 1:15	8.80	6.10	6.10	4.30	4.50
5/17/2014 1:30	8.80	6.00	6.10	4.30	4.50
5/17/2014 1:45	8.60	6.00	6.10	4.30	4.30
5/17/2014 2:00	8.70	5.90	6.10	4.30	4.40
5/17/2014 2:15	6.10	4.30	8.80	6.10	0.00
5/17/2014 2:30	8.50	6.00	6.10	4.30	4.20
5/17/2014 2:45	8.60	6.00	6.10	4.30	4.30
5/17/2014 3:00	6.10	4.30	8.60	5.90	0.20
5/17/2014 3:15	6.10	4.30	8.30	5.90	0.20
5/17/2014 3:30	6.00	4.30	8.10	5.60	0.40
5/17/2014 3:45	6.10	4.30	7.70	5.60	0.50
5/17/2014 4:00	6.00	4.30	8.00	5.70	0.30
5/17/2014 4:15	7.60	5.70	6.00	4.30	3.30
5/17/2014 4:30	7.40	5.50	6.00	4.30	3.10
5/17/2014 4:45	7.80	5.60	6.00	4.30	3.50
5/17/2014 5:00	6.00	4.30	7.40	5.60	0.40
5/17/2014 5:15	6.00	4.30	7.80	5.60	0.40
5/17/2014 5:30	7.70	5.60	6.00	4.30	3.40
5/17/2014 5:45	7.50	5.60	6.00	4.30	3.20
5/17/2014 6:00	7.70	5.60	6.00	4.30	3.40
5/17/2014 6:15	6.00	4.30	7.90	5.80	0.20
5/17/2014 6:30	6.10	4.30	8.10	5.80	0.30
5/17/2014 6:45	8.50	6.00	6.00	4.30	4.20
5/17/2014 7:00	6.00	4.30	8.80	6.10	0.00
5/17/2014 7:15	8.90	6.10	6.00	4.30	4.60
5/17/2014 7:30	8.90	6.30	6.10	4.30	4.60
5/17/2014 7:45	9.00	6.30	6.10	4.30	4.70
5/17/2014 8:00	9.00	6.30	6.10	4.30	4.70
5/17/2014 8:15	9.00	6.30	6.10	4.30	4.70
5/17/2014 8:30	9.10	6.20	6.10	4.30	4.80
5/17/2014 8:45	6.10	4.30	9.50	6.20	0.00
5/17/2014 9:00	9.50	6.20	6.20	4.20	5.30
5/17/2014 9:15	6.20	4.20	9.60	6.20	0.00
5/17/2014 9:30	9.60	6.10	6.20	4.30	0.00
5/17/2014 9:45	9.50	6.10	6.20	4.30	5.20
5/17/2014 10:00	9.50	6.10	6.30	4.30	5.20
5/17/2014 10:15	6.30	4.30	9.70	6.10	0.20
5/17/2014 10:30	9.30	6.10	6.30	4.30	5.00
5/17/2014 10:45	6.30	4.30	9.80	6.10	0.20
5/17/2014 11:00	6.30	4.30	9.70	6.20	0.10
5/17/2014 11:15	6.40	4.30	9.80	6.20	0.20
5/17/2014 11:30	9.40	6.10	6.30	4.30	5.10
5/17/2014 11:45	6.40	4.30	9.60	6.20	0.20
5/17/2014 12:00	6.40	4.30	9.60	6.20	0.20
5/17/2014 12:15	6.40	4.30	9.60	6.20	0.20
5/17/2014 12:30	6.40	4.30	9.70	6.10	0.30
5/17/2014 12:45	9.60	6.20	6.40	4.30	5.30
5/17/2014 13:00	6.40	4.20	9.50	6.10	0.30
5/17/2014 13:15	6.40	4.30	9.70	6.10	0.30
5/17/2014 13:30	6.40	4.30	9.50	6.20	0.20
5/17/2014 13:45	9.70	6.20	6.50	4.30	0.00
5/17/2014 14:00	6.50	4.30	9.50	6.10	0.40
5/17/2014 14:15	6.50	4.30	9.70	6.10	0.40
5/17/2014 14:30	7.00	4.30	9.50	6.20	0.80
5/17/2014 14:45	9.60	6.20	6.40	4.30	5.30
5/17/2014 15:00	6.40	4.30	9.50	6.20	0.20
5/17/2014 15:15	6.60	4.30	9.80	6.20	0.40
5/17/2014 15:30	6.50	4.30	9.70	6.20	0.30
5/17/2014 15:45	6.40	4.20	9.60	6.20	0.20
5/17/2014 16:00	9.80	6.20	6.50	4.20	5.60
5/17/2014 16:15	6.50	4.20	9.70	6.20	0.30
5/17/2014 16:30	6.60	4.30	9.70	6.10	0.50
5/17/2014 16:45	6.50	4.30	9.70	6.20	0.30
5/17/2014 17:00	6.50	4.30	9.70	6.20	0.30
5/17/2014 17:15	9.70	6.20	6.40	4.30	5.40
5/17/2014 17:30	6.50	4.30	9.60	6.20	0.30
5/17/2014 17:45	9.60	6.30	6.50	4.30	5.30
5/17/2014 18:00	9.60	6.20	6.50	4.30	5.30
5/17/2014 18:15	9.60	6.20	6.40	4.30	5.30
5/17/2014 18:30	6.50	4.30	9.60	6.20	0.30
5/17/2014 18:45	9.50	6.20	6.50	4.30	5.20
5/17/2014 19:00	9.50	6.20	6.60	4.30	5.20
5/17/2014 19:15	9.50	6.30	6.40	4.30	5.20
5/17/2014 19:30	6.40	4.30	9.50	6.30	0.10
5/17/2014 19:45	6.40	4.30	9.60	6.30	0.10
5/17/2014 20:00	9.50	6.30	6.40	4.30	5.20
5/17/2014 20:15	6.40	4.30	9.40	6.30	0.10
5/17/2014 20:30	9.40	6.30	6.40	4.30	5.10
5/17/2014 20:45	9.60	6.40	6.50	4.30	5.30
5/17/2014 21:00	6.30	4.30	9.50	6.40	0.00
5/17/2014 21:15	9.30	6.40	6.40	4.30	5.00
5/17/2014 21:30	9.40	6.30	6.30	4.30	5.10
5/17/2014 21:45	9.30	6.40	6.30	4.30	5.00
5/17/2014 22:00	6.30	4.30	9.40	6.40	0.00



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Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Turbidity Data
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(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/17/2014 22:15	6.30	4.30	9.30	6.40	0.00
5/17/2014 22:30	6.30	4.30	9.30	6.40	0.00
5/17/2014 22:45	9.40	6.40	6.30	4.30	5.10
5/17/2014 23:00	9.20	6.40	6.30	4.30	0.00
5/17/2014 23:15	6.30	4.30	9.30	6.40	0.00
5/17/2014 23:30	9.50	6.40	6.30	4.30	5.20
5/17/2014 23:45	9.30	6.40	6.20	4.30	5.00
5/18/2014 0:00	9.40	6.40	6.30	4.30	5.10
5/18/2014 0:15	9.30	6.40	6.20	4.30	5.00
5/18/2014 0:30	6.30	4.30	9.30	6.30	0.00
5/18/2014 0:45	9.30	6.30	6.20	4.30	5.00
5/18/2014 1:00	6.20	4.30	9.40	6.50	0.00
5/18/2014 1:15	9.20	6.40	6.20	4.30	4.90
5/18/2014 1:30	9.40	6.40	6.20	4.30	5.10
5/18/2014 1:45	6.30	4.30	9.40	6.30	0.00
5/18/2014 2:00	6.20	4.30	9.30	6.50	0.00
5/18/2014 2:15	9.30	6.40	6.20	4.30	5.00
5/18/2014 2:30	6.20	4.30	9.20	6.50	0.00
5/18/2014 2:45	6.20	4.30	9.30	6.30	0.00
5/18/2014 3:00	6.20	4.30	9.20	6.30	0.00
5/18/2014 3:15	9.10	6.50	6.20	4.30	4.80
5/18/2014 3:30	9.20	6.40	6.20	4.30	4.90
5/18/2014 3:45	9.30	6.40	6.20	4.30	5.00
5/18/2014 4:00	9.20	6.30	6.30	4.30	4.90
5/18/2014 4:15	9.10	6.40	6.30	4.30	4.80
5/18/2014 4:30	6.20	4.30	9.10	6.40	0.00
5/18/2014 4:45	6.20	4.30	9.20	6.40	0.00
5/18/2014 5:00	9.30	6.40	6.20	4.30	5.00
5/18/2014 5:15	9.20	6.50	6.20	4.30	4.90
5/18/2014 5:30	6.20	4.30	9.30	6.40	0.00
5/18/2014 5:45	9.30	6.50	6.20	4.30	5.00
5/18/2014 6:00	9.30	6.40	6.20	4.30	5.00
5/18/2014 6:15	6.20	4.30	9.20	6.40	0.00
5/18/2014 6:30	9.20	6.40	6.20	4.30	4.90
5/18/2014 6:45	6.20	4.30	9.30	6.40	0.00
5/18/2014 7:00	9.30	6.40	6.20	4.30	5.00
5/18/2014 7:15	9.30	6.40	6.20	4.30	5.00
5/18/2014 7:30	9.30	6.40	6.20	4.30	5.00
5/18/2014 7:45	6.20	4.30	9.30	6.30	0.00
5/18/2014 8:00	6.20	4.30	9.40	6.30	0.00
5/18/2014 8:15	6.30	4.30	9.50	6.40	0.00
5/18/2014 8:30	6.30	4.30	9.50	6.30	0.00
5/18/2014 8:45	9.60	6.30	6.30	4.30	5.30
5/18/2014 9:00	6.30	4.30	9.70	6.30	0.00
5/18/2014 9:15	6.30	4.20	9.50	6.20	0.10
5/18/2014 9:30	9.60	6.20	6.30	4.20	5.40
5/18/2014 9:45	6.30	4.20	9.50	6.20	0.10
5/18/2014 10:00	6.30	4.20	9.60	6.10	0.20
5/18/2014 10:15	6.40	4.20	9.40	6.20	0.20
5/18/2014 10:30	6.40	4.20	9.50	6.20	0.20
5/18/2014 10:45	6.40	4.20	9.90	6.10	0.30
5/18/2014 11:00	9.70	6.20	6.40	4.20	5.50
5/18/2014 11:15	6.40	4.20	9.90	6.10	0.30
5/18/2014 11:30	9.80	6.10	6.40	4.20	5.60
5/18/2014 11:45	9.70	6.10	6.40	4.20	5.50
5/18/2014 12:00	9.90	6.00	6.40	4.20	5.70
5/18/2014 12:15	6.40	4.20	10.00	6.10	0.30
5/18/2014 12:30	9.90	6.10	6.40	4.20	5.70
5/18/2014 12:45	6.50	4.20	10.00	6.00	0.50
5/18/2014 13:00	10.00	6.00	6.50	4.20	5.80
5/18/2014 13:15	6.50	4.20	9.90	5.90	0.60
5/18/2014 13:30	9.90	6.00	6.50	4.20	5.70
5/18/2014 13:45	9.80	6.00	6.60	4.20	5.60
5/18/2014 14:00	6.60	4.20	10.00	6.00	0.60
5/18/2014 14:15	9.90	5.90	6.60	4.20	5.70
5/18/2014 14:30	6.60	4.20	9.90	5.90	0.70
5/18/2014 14:45	6.60	4.20	10.00	6.10	0.50
5/18/2014 15:00	9.80	6.00	6.60	4.20	5.60
5/18/2014 15:15	9.90	6.00	6.60	4.20	5.70
5/18/2014 15:30	6.50	4.20	9.80	6.00	0.50
5/18/2014 15:45	10.00	6.00	6.50	4.20	5.80
5/18/2014 16:00	10.00	6.10	6.50	4.20	5.80
5/18/2014 16:15	9.90	6.10	6.60	4.20	5.70
5/18/2014 16:30	6.60	4.20	10.00	6.20	0.40
5/18/2014 16:45	6.50	4.20	9.70	6.20	0.30
5/18/2014 17:00	6.50	4.20	9.70	6.20	0.30
5/18/2014 17:15	9.90	6.20	6.50	4.20	5.70
5/18/2014 17:30	6.50	4.20	9.90	6.30	0.20
5/18/2014 17:45	6.50	4.20	9.80	6.30	0.20
5/18/2014 18:00	6.50	4.20	9.70	6.30	0.20
5/18/2014 18:15	9.70	6.30	6.50	4.20	5.50
5/18/2014 18:30	6.50	4.30	9.70	6.30	0.20
5/18/2014 18:45	6.50	4.30	9.70	6.30	0.20
5/18/2014 19:00	6.50	4.30	9.70	6.30	0.20
5/18/2014 19:15	9.70	6.30	6.40	4.30	5.40
5/18/2014 19:30	6.40	4.30	9.70	6.30	0.10
5/18/2014 19:45	9.70	6.40	6.70	4.30	5.40
5/18/2014 20:00	6.40	4.30	9.80	6.30	0.10
5/18/2014 20:15	6.40	4.30	9.60	6.40	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/18/2014 20:30	9.60	6.40	6.30	4.30	5.30
5/18/2014 20:45	6.30	4.30	9.70	6.20	0.10
5/18/2014 21:00	6.30	4.30	9.70	6.40	0.00
5/18/2014 21:15	9.60	6.40	6.30	4.30	5.30
5/18/2014 21:30	9.70	6.40	6.30	4.30	5.40
5/18/2014 21:45	6.30	4.30	9.60	6.30	0.00
5/18/2014 22:00	6.30	4.30	9.60	6.30	0.00
5/18/2014 22:15	6.30	4.30	9.60	6.40	0.00
5/18/2014 22:30	9.60	6.40	6.30	4.50	5.10
5/18/2014 22:45	9.60	6.50	6.30	4.30	5.30
5/18/2014 23:00	6.30	4.40	9.60	6.40	0.00
5/18/2014 23:15	6.30	4.40	9.50	6.40	0.00
5/18/2014 23:30	6.30	4.30	9.60	6.40	0.00
5/18/2014 23:45	6.30	4.30	9.50	6.40	0.00
5/19/2014 0:00	6.30	4.30	9.50	6.30	0.00
5/19/2014 0:15	6.30	4.30	9.70	6.30	0.00
5/19/2014 0:30	6.30	4.30	9.40	6.30	0.00
5/19/2014 0:45	6.30	4.30	9.40	6.30	0.00
5/19/2014 1:00	9.50	6.30	6.30	4.30	5.20
5/19/2014 1:15	6.30	4.30	9.50	6.30	0.00
5/19/2014 1:30	9.60	6.30	6.30	4.30	5.30
5/19/2014 1:45	6.30	4.30	9.60	6.30	0.00
5/19/2014 2:00	6.30	4.30	9.70	6.40	0.00
5/19/2014 2:15	9.50	6.30	6.30	4.30	5.20
5/19/2014 2:30	9.60	6.30	6.30	4.30	5.30
5/19/2014 2:45	6.20	4.30	9.50	6.30	0.00
5/19/2014 3:00	9.60	6.30	6.20	4.40	5.20
5/19/2014 3:15	9.60	6.40	6.20	4.40	5.20
5/19/2014 3:30	6.20	4.30	9.50	6.40	0.00
5/19/2014 3:45	6.20	4.30	9.60	6.40	0.00
5/19/2014 4:00	9.50	6.40	6.20	4.30	5.20
5/19/2014 4:15	6.20	4.30	9.60	6.40	0.00
5/19/2014 4:30	9.30	6.40	6.20	4.30	5.00
5/19/2014 4:45	6.20	4.30	9.40	6.40	0.00
5/19/2014 5:00	6.20	4.30	9.50	6.30	0.00
5/19/2014 5:15	9.50	6.40	6.20	4.30	5.20
5/19/2014 5:30	6.20	4.30	9.30	6.40	0.00
5/19/2014 5:45	9.40	6.40	6.20	4.30	5.10
5/19/2014 6:00	6.20	4.30	9.50	6.40	0.00
5/19/2014 6:15	6.20	4.30	9.50	6.40	0.00
5/19/2014 6:30	6.20	4.30	9.40	6.40	0.00
5/19/2014 6:45	9.50	6.40	6.20	4.30	5.20
5/19/2014 7:00	6.20	4.30	9.50	6.30	0.00
5/19/2014 7:15	9.50	6.30	6.20	4.30	5.20
5/19/2014 7:30	6.20	4.30	8.20	6.20	0.00
5/19/2014 7:45	6.30	4.30	9.70	6.30	0.00
5/19/2014 8:00	6.30	4.30	9.70	6.20	0.10
5/19/2014 8:15	9.60	6.20	6.30	4.30	5.30
5/19/2014 8:30	6.30	4.30	9.70	6.20	0.10
5/19/2014 8:45	6.30	4.30	9.80	6.20	0.10
5/19/2014 9:00	9.80	6.10	6.30	4.20	5.60
5/19/2014 9:15	6.30	4.20	9.70	6.20	0.10
5/19/2014 9:30	9.80	6.10	6.30	4.20	5.60
5/19/2014 9:45	9.70	6.10	6.30	4.20	5.50
5/19/2014 10:00	9.70	6.10	6.30	4.20	5.50
5/19/2014 10:15	6.30	4.20	9.60	6.10	0.20
5/19/2014 10:30	6.30	4.20	9.70	6.10	0.20
5/19/2014 10:45	6.30	4.20	9.70	6.10	0.20
5/19/2014 11:00	6.30	4.20	9.90	6.10	0.20
5/19/2014 11:15	6.40	4.20	9.90	6.10	0.30
5/19/2014 11:30	6.40	4.20	9.90	6.10	0.30
5/19/2014 11:45	6.40	4.20	9.80	6.10	0.30
5/19/2014 12:00	6.40	4.20	9.90	6.00	0.40
5/19/2014 12:15	6.30	4.20	9.60	6.00	0.30
5/19/2014 12:30	6.30	4.20	9.70	6.00	0.30
5/19/2014 12:45	6.40	4.20	9.90	6.10	0.30
5/19/2014 13:00	9.80	6.10	6.40	4.30	5.50
5/19/2014 13:15	9.80	6.10	6.40	4.30	5.50
5/19/2014 13:30	6.40	4.30	9.90	6.10	0.30
5/19/2014 13:45	9.80	6.10	6.50	4.30	5.50
5/19/2014 14:00	9.80	6.10	6.50	4.30	5.50
5/19/2014 14:15	6.40	4.30	9.90	6.00	0.40
5/19/2014 14:30	6.40	4.30	9.90	6.10	0.30
5/19/2014 14:45	6.40	4.20	9.90	6.10	0.30
5/19/2014 15:00	6.40	4.20	9.80	6.10	0.30
5/19/2014 15:15	6.40	4.20	10.00	6.10	0.30
5/19/2014 15:30	9.90	6.10	6.40	4.30	5.60
5/19/2014 15:45	9.90	6.20	6.40	4.20	5.70
5/19/2014 16:00	9.80	6.20	6.40	4.40	5.40
5/19/2014 16:15	6.40	4.50	9.80	6.10	0.30
5/19/2014 16:30	6.40	4.40	9.90	6.30	0.10
5/19/2014 16:45	9.90	6.30	6.40	4.20	5.70
5/19/2014 17:00	6.40	4.20	9.80	6.20	0.20
5/19/2014 17:15	6.40	4.30	9.70	6.30	0.10
5/19/2014 17:30	6.40	4.30	9.80	6.20	0.20
5/19/2014 17:45	6.40	4.20	9.70	6.30	0.10
5/19/2014 18:00	6.30	4.30	9.80	6.30	0.00
5/19/2014 18:15	9.80	6.20	6.30	4.30	5.50
5/19/2014 18:30	6.30	4.30	9.80	6.30	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/19/2014 18:45	6.30	4.40	9.80	6.40	0.00
5/19/2014 19:00	9.70	6.40	6.30	4.40	5.30
5/19/2014 19:15	6.30	4.30	9.70	6.40	0.00
5/19/2014 19:30	6.30	4.40	9.80	6.40	0.00
5/19/2014 19:45	6.30	4.40	9.80	6.40	0.00
5/19/2014 20:00	9.90	6.40	6.30	4.30	5.60
5/19/2014 20:15	6.30	4.40	9.80	6.40	0.00
5/19/2014 20:30	9.80	6.40	6.30	4.30	5.50
5/19/2014 20:45	6.30	4.40	9.50	14.10	0.00
5/19/2014 21:00	6.30	4.30	9.80	6.40	0.00
5/19/2014 21:15	6.30	4.50	9.80	6.40	0.00
5/19/2014 21:30	6.30	4.40	9.80	6.50	0.00
5/19/2014 21:45	6.30	4.30	9.80	6.40	0.00
5/19/2014 22:00	9.80	6.50	6.30	4.30	5.50
5/19/2014 22:15	9.70	6.50	6.30	4.30	5.40
5/19/2014 22:30	6.30	4.30	9.80	6.40	0.00
5/19/2014 22:45	6.20	4.30	9.80	6.40	0.00
5/19/2014 23:00	9.80	6.40	6.30	4.40	5.40
5/19/2014 23:15	6.30	4.30	9.70	6.50	0.00
5/19/2014 23:30	6.30	4.30	9.70	6.50	0.00
5/19/2014 23:45	9.70	6.50	6.30	4.30	5.40
5/20/2014 0:00	6.30	4.40	9.70	6.40	0.00
5/20/2014 0:15	9.80	6.50	6.30	4.30	5.50
5/20/2014 0:30	9.80	6.50	6.30	4.30	5.50
5/20/2014 0:45	6.30	4.40	9.80	6.60	0.00
5/20/2014 1:00	6.30	4.30	9.80	6.50	0.00
5/20/2014 1:15	9.80	6.50	6.30	4.50	5.30
5/20/2014 1:30	9.80	6.50	6.30	4.40	5.40
5/20/2014 1:45	9.80	6.50	6.20	4.30	5.50
5/20/2014 2:00	6.30	4.30	9.70	6.60	0.00
5/20/2014 2:15	6.30	4.30	9.80	6.70	0.00
5/20/2014 2:30	9.80	6.60	6.30	4.40	5.40
5/20/2014 2:45	9.80	6.50	6.30	4.30	5.50
5/20/2014 3:00	6.30	4.30	9.70	6.50	0.00
5/20/2014 3:15	9.80	6.40	6.20	4.40	5.40
5/20/2014 3:30	6.30	4.40	9.80	6.50	0.00
5/20/2014 3:45	6.20	4.40	9.80	6.50	0.00
5/20/2014 4:00	9.80	6.40	6.30	4.30	5.50
5/20/2014 4:15	9.80	6.50	6.20	4.40	5.40
5/20/2014 4:30	6.20	4.30	9.80	6.50	0.00
5/20/2014 4:45	9.80	6.40	6.20	4.40	5.40
5/20/2014 5:00	9.80	6.50	6.20	4.40	5.40
5/20/2014 5:15	6.20	4.30	9.80	6.50	0.00
5/20/2014 5:30	6.20	4.30	9.80	6.40	0.00
5/20/2014 5:45	9.80	6.50	6.20	4.30	5.50
5/20/2014 6:00	11.80	10.80	12.20	10.40	1.40
5/20/2014 6:15	11.60	10.30	15.20	10.00	1.60
5/20/2014 6:30	11.50	10.20	12.00	9.80	1.70
5/20/2014 6:45	11.20	9.90	11.20	10.10	1.10
5/20/2014 7:00	11.00	10.00	10.60	9.50	1.50
5/20/2014 7:15	10.80	9.30	11.10	10.30	0.50
5/20/2014 7:30	10.20	9.40	11.10	10.40	0.00
5/20/2014 7:45	72.20	76.30	11.20	10.30	66.00
5/20/2014 8:00	11.10	9.90	29.60	24.70	0.00
5/20/2014 8:15	10.90	9.60	16.70	11.30	0.00
5/20/2014 8:30	12.20	10.00	17.70	14.20	0.00
5/20/2014 8:45	11.90	10.00	14.40	9.60	2.30
5/20/2014 9:00	12.80	10.00	10.60	9.70	3.10
5/20/2014 9:15	11.70	9.80	10.40	9.50	2.20
5/20/2014 9:30	11.30	9.70	10.10	9.80	1.50
5/20/2014 9:45	10.50	9.80	11.60	10.00	0.50
5/20/2014 10:00	11.60	10.20	11.20	12.10	0.40
5/20/2014 10:15	11.50	9.80	11.90	10.90	0.60
5/20/2014 10:30	11.50	10.70	10.50	9.20	2.30
5/20/2014 10:45	11.80	10.60	10.70	10.40	1.40
5/20/2014 11:00	10.60	11.40	12.70	10.50	0.00
5/20/2014 11:15	12.20	10.40	10.60	11.00	1.60
5/20/2014 11:30	12.10	10.00	10.80	10.00	2.10
5/20/2014 11:45	10.00	10.20	13.90	10.90	0.00
5/20/2014 12:00	10.50	37.60	13.50	10.40	27.20
5/20/2014 12:15	16.10	10.10	10.10	10.00	6.10
5/20/2014 12:30	15.70	13.50	9.90	9.90	5.80
5/20/2014 12:45	20.80	31.60	14.00	12.10	19.50
5/20/2014 13:00	16.50	12.10	14.30	18.70	2.20
5/20/2014 13:15	10.50	177.30	27.90	14.70	162.60
5/20/2014 13:30	26.70	21.00	10.50	9.00	17.70
5/20/2014 13:45	18.70	20.70	26.90	15.30	5.40
5/20/2014 14:00	15.70	16.40	13.00	18.20	3.40
5/20/2014 14:15	10.90	10.40	14.90	15.90	0.00
5/20/2014 14:30	11.50	17.70	17.90	17.10	0.60
5/20/2014 14:45	20.00	11.20	17.80	18.50	2.20
5/20/2014 15:00	14.80	9.50	14.20	53.20	0.60
5/20/2014 15:15	10.70	106.00	13.90	15.10	92.10
5/20/2014 15:30	13.70	21.80	12.20	14.70	9.60
5/20/2014 15:45	13.20	22.50	12.50	20.10	10.00
5/20/2014 16:00	13.90	25.70	13.20	17.90	12.50
5/20/2014 16:15	12.50	17.20	10.80	14.40	6.40
5/20/2014 16:30	12.80	15.80	14.50	22.50	1.30
5/20/2014 16:45	13.30	24.90	13.50	189.90	11.40



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/20/2014 17:00	10.80	52.90	17.50	24.80	35.40
5/20/2014 17:15	18.10	16.30	10.50	11.50	7.60
5/20/2014 17:30	10.40	9.00	21.00	19.50	0.00
5/20/2014 17:45	20.40	18.10	10.90	9.20	11.20
5/20/2014 18:00	20.50	20.00	12.00	35.80	8.50
5/20/2014 18:15	24.80	17.80	35.00	42.70	0.00
5/20/2014 18:30	19.30	16.70	23.60	100.30	0.00
5/20/2014 18:45	10.90	22.10	21.60	11.90	0.00
5/20/2014 19:00	24.40	10.70	12.30	18.70	12.10
5/20/2014 19:15	25.60	10.60	13.90	17.70	11.70
5/20/2014 19:30	14.40	26.30	12.60	10.80	15.50
5/20/2014 19:45	21.20	12.50	11.20	9.70	11.50
5/20/2014 20:00	13.90	17.60	24.40	10.20	7.40
5/20/2014 20:15	25.90	9.80	21.90	19.10	6.80
5/20/2014 20:30	17.50	18.80	18.40	13.20	5.60
5/20/2014 20:45	9.10	8.50	22.00	7.80	1.30
5/20/2014 21:00	18.80	7.60	13.10	14.70	5.70
5/20/2014 21:15	17.40	9.10	17.50	16.90	0.50
5/20/2014 21:30	17.90	17.00	10.30	9.80	8.10
5/20/2014 21:45	13.40	14.70	16.30	21.30	0.00
5/20/2014 22:00	11.80	16.80	14.20	22.60	2.60
5/20/2014 22:15	11.70	9.10	15.30	85.90	0.00
5/20/2014 22:30	9.00	16.00	11.40	10.90	5.10
5/20/2014 22:45	11.50	14.60	11.10	8.30	6.30
5/20/2014 23:00	11.10	7.20	12.00	11.50	0.00
5/20/2014 23:15	10.80	10.00	10.70	8.90	1.90
5/20/2014 23:30	11.80	8.00	9.90	10.30	1.90
5/20/2014 23:45	13.20	7.60	10.50	10.50	2.70
5/21/2014 0:00	11.40	7.70	10.60	9.00	2.40
5/21/2014 0:15	9.40	8.90	13.10	7.30	2.10
5/21/2014 0:30	9.10	7.40	13.70	7.20	1.90
5/21/2014 0:45	12.20	7.10	11.90	8.80	3.40
5/21/2014 1:00	9.50	9.30	12.40	15.20	0.00
5/21/2014 1:15	9.30	16.30	15.70	14.00	2.30
5/21/2014 1:30	9.40	9.40	15.80	11.70	0.00
5/21/2014 1:45	14.30	13.20	9.90	9.20	5.10
5/21/2014 2:00	13.80	12.90	9.20	25.30	4.60
5/21/2014 2:15	13.30	12.60	11.20	86.50	2.10
5/21/2014 2:30	9.30	8.80	11.60	12.40	0.00
5/21/2014 2:45	13.50	11.70	10.70	22.50	2.80
5/21/2014 3:00	22.90	33.50	13.40	10.80	22.70
5/21/2014 3:15	13.00	26.70	19.20	11.40	15.30
5/21/2014 3:30	16.60	11.70	14.20	22.20	2.40
5/21/2014 3:45	9.90	17.90	14.50	12.30	5.60
5/21/2014 4:00	14.10	10.00	20.60	26.90	0.00
5/21/2014 4:15	14.30	10.00	21.30	23.00	0.00
5/21/2014 4:30	14.40	9.80	17.20	34.30	0.00
5/21/2014 4:45	13.80	851.00	17.40	11.90	839.10
5/21/2014 5:00	15.90	10.70	12.50	41.20	3.40
5/21/2014 5:15	13.60	10.90	14.70	21.00	0.00
5/21/2014 5:30	13.30	10.80	12.80	18.30	0.50
5/21/2014 5:45	12.90	11.20	12.90	24.70	0.00
5/21/2014 6:00	12.20	10.70	18.30	24.90	0.00
5/21/2014 6:15	12.10	10.10	20.50	21.90	0.00
5/21/2014 6:30	11.70	10.60	16.90	22.70	0.00
5/21/2014 6:45	11.90	10.40	10.10	14.20	1.80
5/21/2014 7:00	12.60	9.40	10.30	21.40	2.30
5/21/2014 7:15	11.60	20.30	12.20	9.50	10.80
5/21/2014 7:30	12.00	11.10	10.20	14.80	1.80
5/21/2014 7:45	15.70	20.50	12.10	11.00	9.50
5/21/2014 8:00	14.90	79.40	11.80	10.90	68.50
5/21/2014 8:15	9.20	263.70	12.00	10.80	252.90
5/21/2014 8:30	10.20	11.80	12.10	10.70	1.10
5/21/2014 8:45	11.80	10.60	13.80	30.20	0.00
5/21/2014 9:00	10.60	16.20	12.10	10.40	5.80
5/21/2014 9:15	12.90	10.60	9.90	37.60	3.00
5/21/2014 9:30	14.00	25.60	12.50	10.20	15.40
5/21/2014 9:45	19.40	25.90	13.30	10.50	15.40
5/21/2014 10:00	19.30	73.50	19.30	16.30	57.20
5/21/2014 10:15	13.20	617.90	35.70	17.30	600.60
5/21/2014 10:30	22.20	23.70	54.70	15.00	8.70
5/21/2014 10:45	38.30	10.40	26.10	16.10	22.20
5/21/2014 11:00	19.80	23.80	25.20	14.20	9.60
5/21/2014 11:15	11.60	27.10	28.70	30.80	0.00
5/21/2014 11:30	12.10	11.20	21.60	14.80	0.00
5/21/2014 11:45	13.00	10.20	12.00	243.90	1.00
5/21/2014 12:00	16.20	10.70	10.70	11.60	5.50
5/21/2014 12:15	21.50	11.60	15.80	39.50	5.70
5/21/2014 12:30	14.60	12.40	13.20	11.80	2.80
5/21/2014 12:45	10.20	16.00	29.50	15.80	0.20
5/21/2014 13:00	14.70	15.50	18.80	72.10	0.00
5/21/2014 13:15	12.20	16.20	10.50	58.70	5.70
5/21/2014 13:30	12.70	9.90	12.50	22.90	0.20
5/21/2014 13:45	14.20	18.40	14.20	29.60	4.20
5/21/2014 14:00	14.60	20.40	14.60	16.90	5.80
5/21/2014 14:15	13.30	17.80	13.70	872.60	4.10
5/21/2014 14:30	13.10	17.40	16.70	247.50	0.70
5/21/2014 14:45	14.40	13.10	12.50	128.20	1.90
5/21/2014 15:00	13.40	10.50	15.50	32.80	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/21/2014 15:15	12.80	11.60	17.30	45.90	0.00
5/21/2014 15:30	18.70	9.60	14.20	10.20	8.50
5/21/2014 15:45	11.70	78.10	16.70	10.20	67.90
5/21/2014 16:00	18.00	10.00	27.10	68.70	0.00
5/21/2014 16:15	16.20	10.60	36.10	45.50	0.00
5/21/2014 16:30	16.80	9.90	33.10	23.60	0.00
5/21/2014 16:45	15.00	10.30	34.90	60.90	0.00
5/21/2014 17:00	15.40	11.20	51.70	59.90	0.00
5/21/2014 17:15	17.30	11.70	33.90	59.60	0.00
5/21/2014 17:30	36.90	65.10	16.40	10.30	54.80
5/21/2014 17:45	28.40	58.20	16.90	10.40	47.80
5/21/2014 18:00	18.00	10.50	28.30	47.10	0.00
5/21/2014 18:15	35.30	45.30	21.60	11.60	33.70
5/21/2014 18:30	20.70	10.70	14.70	45.50	6.00
5/21/2014 18:45	19.90	9.40	30.10	51.60	0.00
5/21/2014 19:00	18.00	10.20	15.40	38.20	2.60
5/21/2014 19:15	19.80	10.60	17.70	40.60	2.10
5/21/2014 19:30	14.80	10.60	28.00	42.70	0.00
5/21/2014 19:45	15.10	10.70	20.40	39.60	0.00
5/21/2014 20:00	15.30	10.50	17.50	27.60	0.00
5/21/2014 20:15	13.80	10.50	27.00	29.50	0.00
5/21/2014 20:30	14.70	10.50	22.70	30.40	0.00
5/21/2014 20:45	15.30	10.90	24.70	35.70	0.00
5/21/2014 21:00	15.50	10.50	22.10	29.60	0.00
5/21/2014 21:15	15.60	11.20	21.70	55.60	0.00
5/21/2014 21:30	11.40	11.10	20.20	54.90	0.00
5/21/2014 21:45	11.10	10.80	19.70	34.60	0.00
5/21/2014 22:00	21.40	47.80	12.40	9.90	37.90
5/21/2014 22:15	16.30	58.70	12.70	10.70	48.00
5/21/2014 22:30	13.00	10.30	14.70	57.40	0.00
5/21/2014 22:45	12.90	9.40	19.20	46.10	0.00
5/21/2014 23:00	13.70	9.50	13.60	20.20	0.10
5/21/2014 23:15	23.80	23.50	15.20	9.20	14.60
5/21/2014 23:30	18.20	25.00	15.00	8.60	16.40
5/21/2014 23:45	20.30	10.10	22.80	22.20	0.00
5/22/2014 0:00	19.80	22.70	15.50	9.80	12.90
5/22/2014 0:15	20.80	15.70	20.20	15.60	5.20
5/22/2014 0:30	17.50	18.70	21.80	15.40	3.30
5/22/2014 0:45	16.00	16.50	23.70	14.10	2.40
5/22/2014 1:00	19.90	15.40	23.30	12.80	7.10
5/22/2014 1:15	27.90	11.00	13.80	19.80	14.10
5/22/2014 1:30	26.00	10.10	12.50	19.00	13.50
5/22/2014 1:45	17.80	10.50	16.00	19.80	1.80
5/22/2014 2:00	17.00	27.10	14.50	19.40	12.60
5/22/2014 2:15	15.70	25.70	16.60	66.60	0.00
5/22/2014 2:30	16.70	48.60	12.30	17.80	36.30
5/22/2014 2:45	16.10	25.00	11.60	41.70	13.40
5/22/2014 3:00	23.70	11.70	13.30	16.00	10.40
5/22/2014 3:15	21.90	19.50	34.20	39.30	0.00
5/22/2014 3:30	30.70	34.90	13.60	25.00	21.30
5/22/2014 3:45	34.90	34.20	15.10	19.30	19.80
5/22/2014 4:00	12.20	15.90	32.20	40.90	0.00
5/22/2014 4:15	14.90	20.80	25.00	25.10	0.00
5/22/2014 4:30	13.90	26.70	21.80	27.70	4.90
5/22/2014 4:45	28.80	20.30	17.80	23.20	11.00
5/22/2014 5:00	23.90	16.90	24.50	29.10	0.00
5/22/2014 5:15	18.30	16.60	19.60	27.20	0.00
5/22/2014 5:30	17.00	15.90	13.60	29.70	3.40
5/22/2014 5:45	11.60	19.70	15.70	16.00	4.00
5/22/2014 6:00	15.00	13.40	13.20	21.40	1.80
5/22/2014 6:15	12.30	27.90	14.90	14.90	13.00
5/22/2014 6:30	14.70	29.80	10.70	37.70	19.10
5/22/2014 6:45	15.00	25.40	11.90	40.70	13.50
5/22/2014 7:00	14.90	31.80	11.20	29.90	20.60
5/22/2014 7:15	14.50	20.20	12.60	32.80	7.60
5/22/2014 7:30	10.80	29.10	14.50	14.60	14.60
5/22/2014 7:45	10.80	32.90	14.40	22.80	18.50
5/22/2014 8:00	14.20	16.90	11.60	37.30	5.30
5/22/2014 8:15	14.40	14.80	12.70	34.90	2.10
5/22/2014 8:30	14.20	12.80	27.20	57.80	0.00
5/22/2014 8:45	14.10	11.90	16.20	43.10	0.00
5/22/2014 9:00	14.10	12.00	11.30	47.20	2.80
5/22/2014 9:15	14.20	13.00	14.90	21.40	0.00
5/22/2014 9:30	14.30	12.30	15.90	30.70	0.00
5/22/2014 9:45	14.40	12.20	12.70	20.10	1.70
5/22/2014 10:00	14.60	14.10	25.90	20.50	0.00
5/22/2014 10:15	14.30	13.30	11.80	26.70	2.50
5/22/2014 10:30	21.80	23.50	14.50	13.00	10.50
5/22/2014 10:45	17.70	13.80	14.50	27.20	3.20
5/22/2014 11:00	26.70	21.90	17.90	18.90	8.80
5/22/2014 11:15	21.20	28.20	24.70	21.50	6.70
5/22/2014 11:30	17.60	19.40	25.50	27.60	0.00
5/22/2014 11:45	14.60	17.50	10.80	18.70	6.70
5/22/2014 12:00	14.30	17.60	15.00	20.50	2.60
5/22/2014 12:15	16.90	14.10	12.90	17.00	4.00
5/22/2014 12:30	14.70	13.20	13.20	15.70	1.50
5/22/2014 12:45	10.90	22.60	15.20	14.70	7.90
5/22/2014 13:00	16.40	13.50	10.10	25.70	6.30
5/22/2014 13:15	16.00	16.90	11.50	19.40	5.40



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/22/2014 13:30	20.20	16.60	12.50	15.00	7.70
5/22/2014 13:45	18.80	20.90	16.60	24.40	4.30
5/22/2014 14:00	28.70	10.30	14.40	18.40	14.30
5/22/2014 14:15	15.20	26.30	25.10	17.60	8.70
5/22/2014 14:30	14.60	16.20	22.40	13.80	2.40
5/22/2014 14:45	17.10	14.50	15.80	45.00	1.30
5/22/2014 15:00	13.30	48.20	20.20	14.60	33.60
5/22/2014 15:15	18.40	13.90	11.70	45.00	6.70
5/22/2014 15:30	18.10	13.60	12.30	48.80	5.80
5/22/2014 15:45	9.70	25.10	21.70	13.10	12.00
5/22/2014 16:00	10.00	31.70	29.90	14.30	17.40
5/22/2014 16:15	9.70	79.50	25.70	15.20	64.30
5/22/2014 16:30	24.70	10.70	8.10	73.60	16.60
5/22/2014 16:45	24.00	23.00	13.60	61.70	10.40
5/22/2014 17:00	28.00	12.70	23.00	41.60	5.00
5/22/2014 17:15	27.60	71.60	23.70	9.30	62.30
5/22/2014 17:30	22.80	62.80	36.40	32.90	29.90
5/22/2014 17:45	23.70	55.00	23.30	20.60	34.40
5/22/2014 18:00	21.70	18.00	25.70	44.30	0.00
5/22/2014 18:15	30.40	29.90	22.60	40.80	7.80
5/22/2014 18:30	24.30	42.20	27.80	51.10	14.40
5/22/2014 18:45	35.60	34.40	45.10	46.10	0.00
5/22/2014 19:00	48.50	32.70	22.10	31.20	26.40
5/22/2014 19:15	40.60	27.00	28.70	22.40	18.20
5/22/2014 19:30	29.00	26.40	19.90	22.00	9.10
5/22/2014 19:45	28.70	24.70	29.50	26.50	2.20
5/22/2014 20:00	32.10	20.50	30.00	22.60	9.50
5/22/2014 20:15	31.90	20.10	26.40	18.50	13.40
5/22/2014 20:30	24.00	16.20	33.20	23.20	0.80
5/22/2014 20:45	27.20	23.10	22.00	18.40	8.80
5/22/2014 21:00	27.20	24.80	24.30	17.30	9.90
5/22/2014 21:15	26.10	26.20	19.30	18.30	7.90
5/22/2014 21:30	23.90	17.30	33.10	24.60	0.00
5/22/2014 21:45	18.80	16.70	32.90	24.80	0.00
5/22/2014 22:00	25.10	22.90	14.10	16.70	11.00
5/22/2014 22:15	18.20	18.20	24.30	23.90	0.00
5/22/2014 22:30	24.40	24.50	15.50	20.10	9.00
5/22/2014 22:45	24.30	16.40	15.60	18.30	8.70
5/22/2014 23:00	24.90	21.80	15.70	16.70	9.20
5/22/2014 23:15	22.40	16.00	15.70	23.60	6.70
5/22/2014 23:30	21.00	15.70	15.70	35.20	5.30
5/22/2014 23:45	18.70	9.70	12.20	35.20	6.50
5/23/2014 0:00	19.30	9.70	13.60	13.20	6.10
5/23/2014 0:15	19.10	8.40	14.70	23.40	4.40
5/23/2014 0:30	21.80	19.80	19.50	7.70	14.10
5/23/2014 0:45	18.10	7.30	14.30	25.80	3.80
5/23/2014 1:00	22.70	8.30	15.50	25.00	7.20
5/23/2014 1:15	14.60	21.00	29.10	11.70	9.30
5/23/2014 1:30	23.00	10.30	19.60	17.30	5.70
5/23/2014 1:45	13.30	28.40	30.60	9.10	19.30
5/23/2014 2:00	13.30	31.70	35.10	9.50	22.20
5/23/2014 2:15	13.10	23.00	20.70	14.30	8.70
5/23/2014 2:30	21.00	26.40	23.10	13.10	13.30
5/23/2014 2:45	17.60	31.40	25.40	14.30	17.10
5/23/2014 3:00	18.10	35.50	15.60	9.80	25.70
5/23/2014 3:15	16.60	24.70	14.70	12.80	11.90
5/23/2014 3:30	16.40	39.00	15.90	10.20	28.80
5/23/2014 3:45	15.20	12.10	15.40	33.60	0.00
5/23/2014 4:00	13.30	33.80	14.50	11.50	22.30
5/23/2014 4:15	13.60	12.10	10.90	27.90	2.70
5/23/2014 4:30	12.00	34.20	13.70	11.40	22.80
5/23/2014 4:45	12.80	11.00	11.50	43.50	1.30
5/23/2014 5:00	12.80	10.80	9.20	34.50	3.60
5/23/2014 5:15	17.90	33.40	13.20	10.40	23.00
5/23/2014 5:30	13.70	25.10	17.20	13.80	11.30
5/23/2014 5:45	15.10	24.30	16.80	12.20	12.10
5/23/2014 6:00	26.40	12.90	28.10	30.60	0.00
5/23/2014 6:15	31.00	13.40	16.00	25.40	15.00
5/23/2014 6:30	14.60	23.10	26.30	13.70	9.40
5/23/2014 6:45	18.90	12.90	16.00	21.80	2.90
5/23/2014 7:00	21.10	35.00	13.30	13.40	21.70
5/23/2014 7:15	12.40	9.50	19.50	29.40	0.00
5/23/2014 7:30	16.20	41.40	11.90	9.60	31.80
5/23/2014 7:45	15.40	41.20	11.80	9.00	32.20
5/23/2014 8:00	12.20	10.70	16.10	36.80	0.00
5/23/2014 8:15	12.30	9.70	21.20	24.90	0.00
5/23/2014 8:30	12.80	9.10	21.80	24.40	0.00
5/23/2014 8:45	14.50	22.80	12.90	8.70	14.10
5/23/2014 9:00	12.80	20.80	13.80	10.50	10.30
5/23/2014 9:15	11.70	23.20	5.20	4.20	19.00
5/23/2014 9:30	5.50	4.20	6.60	5.00	0.50
5/23/2014 9:45	5.80	4.30	8.70	5.70	0.10
5/23/2014 10:00	9.20	5.80	6.30	4.30	4.90
5/23/2014 10:15	9.30	6.00	6.30	4.30	5.00
5/23/2014 10:30	6.40	4.30	9.40	6.10	0.30
5/23/2014 10:45	9.40	6.10	6.50	4.40	5.00
5/23/2014 11:00	9.80	6.10	6.70	4.40	5.40
5/23/2014 11:15	7.00	4.30	9.90	6.10	0.90
5/23/2014 11:30	7.10	4.20	9.90	6.10	1.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/23/2014 11:45	7.30	4.20	10.00	6.10	1.20
5/23/2014 12:00	7.50	3.90	9.90	5.90	1.60
5/23/2014 12:15	10.10	6.00	7.50	3.80	6.30
5/23/2014 12:30	7.60	4.00	9.90	5.90	1.70
5/23/2014 12:45	9.90	2.80	7.60	4.10	5.80
5/23/2014 13:00	7.50	4.10	9.80	6.10	1.40
5/23/2014 13:15	10.00	6.10	7.50	4.10	5.90
5/23/2014 13:30	10.00	6.10	7.40	4.10	5.90
5/23/2014 13:45	9.90	2.40	7.40	4.10	5.80
5/23/2014 14:00	10.00	6.20	7.40	4.10	5.90
5/23/2014 14:15	10.00	6.20	7.40	4.20	5.80
5/23/2014 14:30	7.40	4.20	10.00	6.20	1.20
5/23/2014 14:45	9.90	6.20	7.40	4.20	5.70
5/23/2014 15:00	7.40	4.20	10.00	6.20	1.20
5/23/2014 15:15	10.10	6.20	7.50	4.20	0.00
5/23/2014 15:30	7.50	4.20	10.00	6.20	1.30
5/23/2014 15:45	7.50	4.10	10.00	6.20	1.30
5/23/2014 16:00	7.50	4.10	9.90	6.20	1.30
5/23/2014 16:15	7.50	4.20	9.90	6.20	1.30
5/23/2014 16:30	7.50	4.20	9.80	6.20	1.30
5/23/2014 16:45	9.80	6.20	7.50	4.30	5.50
5/23/2014 17:00	9.80	6.20	7.50	4.30	5.50
5/23/2014 17:15	7.40	4.30	9.80	6.20	1.20
5/23/2014 17:30	7.40	4.30	9.80	6.30	1.10
5/23/2014 17:45	9.80	6.20	7.40	4.30	5.50
5/23/2014 18:00	9.80	6.30	7.30	4.30	5.50
5/23/2014 18:15	9.70	6.30	7.30	4.40	5.30
5/23/2014 18:30	9.70	6.30	7.30	4.40	5.30
5/23/2014 18:45	9.80	6.30	7.30	4.40	5.40
5/23/2014 19:00	9.80	6.30	7.30	4.40	5.40
5/23/2014 19:15	7.30	4.40	9.80	6.30	1.00
5/23/2014 19:30	9.70	6.20	7.30	4.40	5.30
5/23/2014 19:45	9.70	6.30	7.20	4.40	5.30
5/23/2014 20:00	9.50	6.30	7.20	4.40	5.10
5/23/2014 20:15	7.20	4.30	9.70	6.30	0.90
5/23/2014 20:30	9.70	6.30	7.10	4.30	5.40
5/23/2014 20:45	9.60	6.30	7.10	4.30	5.30
5/23/2014 21:00	7.20	4.30	9.70	6.30	0.90
5/23/2014 21:15	7.10	4.30	9.60	6.30	0.80
5/23/2014 21:30	7.10	4.30	9.50	6.30	0.80
5/23/2014 21:45	7.10	4.30	9.50	6.30	0.80
5/23/2014 22:00	7.10	4.30	9.70	6.30	0.80
5/23/2014 22:15	7.10	4.30	9.60	6.20	0.90
5/23/2014 22:30	9.70	6.30	7.00	4.30	5.40
5/23/2014 22:45	7.00	4.30	9.60	6.30	0.70
5/23/2014 23:00	6.90	4.30	9.50	6.20	0.70
5/23/2014 23:15	6.80	4.20	9.30	6.10	0.70
5/23/2014 23:30	6.80	4.20	9.30	6.10	0.70
5/23/2014 23:45	6.80	4.20	9.20	6.10	0.70
5/24/2014 0:00	6.80	4.20	9.00	6.00	0.80
5/24/2014 0:15	9.10	6.00	6.70	4.20	4.90
5/24/2014 0:30	9.20	6.10	6.80	4.20	5.00
5/24/2014 0:45	8.90	5.90	6.70	4.20	4.70
5/24/2014 1:00	8.70	5.80	6.60	4.10	4.60
5/24/2014 1:15	8.80	5.80	6.60	4.10	4.70
5/24/2014 1:30	8.70	5.80	6.60	4.10	4.60
5/24/2014 1:45	8.30	5.70	6.60	4.10	4.20
5/24/2014 2:00	8.40	5.70	6.50	4.10	4.30
5/24/2014 2:15	6.50	4.10	8.20	5.70	0.80
5/24/2014 2:30	6.50	4.10	8.20	5.70	0.80
5/24/2014 2:45	8.10	5.70	6.50	4.10	4.00
5/24/2014 3:00	8.00	5.60	6.50	4.10	3.90
5/24/2014 3:15	6.40	4.10	7.90	5.60	0.80
5/24/2014 3:30	6.40	4.10	7.80	5.50	0.90
5/24/2014 3:45	6.40	4.10	8.00	5.60	0.80
5/24/2014 4:00	7.60	5.80	6.40	4.00	3.60
5/24/2014 4:15	6.40	4.00	7.80	5.90	0.50
5/24/2014 4:30	6.40	4.00	7.50	5.80	0.60
5/24/2014 4:45	8.20	5.90	6.50	4.10	4.10
5/24/2014 5:00	6.70	4.20	8.90	5.90	0.80
5/24/2014 5:15	6.80	4.20	9.30	6.10	0.70
5/24/2014 5:30	6.80	4.20	9.30	6.10	0.70
5/24/2014 5:45	9.20	6.20	6.90	4.20	5.00
5/24/2014 6:00	9.50	6.20	6.90	4.20	5.30
5/24/2014 6:15	6.90	4.30	9.40	6.20	0.70
5/24/2014 6:30	7.00	4.30	9.50	6.10	0.90
5/24/2014 6:45	7.00	4.30	9.60	6.10	0.90
5/24/2014 7:00	9.60	6.10	7.00	4.30	5.30
5/24/2014 7:15	7.00	4.30	9.80	6.20	0.80
5/24/2014 7:30	7.10	4.30	9.80	6.10	1.00
5/24/2014 7:45	7.10	4.30	9.80	6.00	1.10
5/24/2014 8:00	7.10	4.30	9.80	5.90	1.20
5/24/2014 8:15	7.20	4.20	9.80	5.90	1.30
5/24/2014 8:30	9.90	6.00	7.30	4.20	5.70
5/24/2014 8:45	10.10	5.90	7.40	4.20	5.90
5/24/2014 9:00	9.90	6.00	7.40	4.30	5.60
5/24/2014 9:15	7.40	4.30	10.00	6.00	1.40
5/24/2014 9:30	7.40	4.20	9.80	6.10	1.30
5/24/2014 9:45	7.50	4.20	9.90	6.10	1.40



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/24/2014 10:00	7.50	4.20	9.90	6.10	1.40
5/24/2014 10:15	7.50	4.20	9.80	6.10	1.40
5/24/2014 10:30	7.50	4.20	9.90	6.00	1.50
5/24/2014 10:45	7.50	4.20	10.00	6.00	1.50
5/24/2014 11:00	10.00	6.10	7.50	4.20	5.80
5/24/2014 11:15	9.90	6.10	7.50	4.20	5.70
5/24/2014 11:30	9.90	6.10	7.50	4.20	5.70
5/24/2014 11:45	10.00	6.10	7.50	4.20	5.80
5/24/2014 12:00	10.10	6.10	7.50	4.20	5.90
5/24/2014 12:15	10.10	6.10	7.50	4.20	5.90
5/24/2014 12:30	10.00	6.10	7.50	4.10	5.90
5/24/2014 12:45	7.50	4.10	10.00	6.00	1.50
5/24/2014 13:00	10.10	6.00	7.40	4.10	6.00
5/24/2014 13:15	10.00	6.00	7.40	4.10	5.90
5/24/2014 13:30	7.50	4.10	10.20	6.10	1.40
5/24/2014 13:45	10.10	6.10	7.50	4.10	6.00
5/24/2014 14:00	10.00	6.10	7.50	4.20	5.80
5/24/2014 14:15	10.00	6.10	7.60	4.20	5.80
5/24/2014 14:30	7.50	4.20	10.00	6.10	1.40
5/24/2014 14:45	7.60	4.20	10.10	6.20	1.40
5/24/2014 15:00	7.50	4.20	10.00	6.10	1.40
5/24/2014 15:15	10.10	6.20	7.50	4.20	5.90
5/24/2014 15:30	7.60	4.20	9.90	6.20	1.40
5/24/2014 15:45	10.00	6.20	7.50	4.20	5.80
5/24/2014 16:00	9.90	6.20	7.50	4.20	5.70
5/24/2014 16:15	9.90	6.20	7.40	4.20	5.70
5/24/2014 16:30	10.00	6.10	7.50	4.20	0.00
5/24/2014 16:45	10.00	6.10	7.50	4.20	5.80
5/24/2014 17:00	9.80	6.20	7.50	4.20	5.60
5/24/2014 17:15	7.40	4.30	9.90	6.20	1.20
5/24/2014 17:30	9.80	6.20	7.40	4.30	5.50
5/24/2014 17:45	9.90	6.10	7.50	4.30	5.60
5/24/2014 18:00	7.40	4.30	9.90	6.20	1.20
5/24/2014 18:15	9.80	6.20	7.40	4.30	5.50
5/24/2014 18:30	7.40	4.30	9.80	6.20	1.20
5/24/2014 18:45	9.80	6.10	7.40	4.30	5.50
5/24/2014 19:00	7.40	4.30	9.90	6.20	1.20
5/24/2014 19:15	9.80	6.20	7.40	4.30	5.50
5/24/2014 19:30	7.40	4.30	9.80	6.20	1.20
5/24/2014 19:45	7.30	4.30	9.80	6.20	1.10
5/24/2014 20:00	7.30	4.30	9.80	6.30	1.00
5/24/2014 20:15	7.30	4.40	9.80	6.20	1.10
5/24/2014 20:30	7.30	4.30	9.80	6.20	1.10
5/24/2014 20:45	7.20	4.30	9.80	6.30	0.90
5/24/2014 21:00	7.30	4.30	9.90	6.30	1.00
5/24/2014 21:15	9.70	6.20	7.20	4.30	5.40
5/24/2014 21:30	9.80	6.20	7.20	4.30	5.50
5/24/2014 21:45	7.20	4.30	9.70	6.20	1.00
5/24/2014 22:00	7.20	4.40	9.80	6.20	1.00
5/24/2014 22:15	7.20	4.30	9.70	6.20	1.00
5/24/2014 22:30	7.20	4.30	9.80	6.30	0.90
5/24/2014 22:45	7.20	4.30	9.70	6.30	0.90
5/24/2014 23:00	9.70	6.30	7.20	4.30	5.40
5/24/2014 23:15	7.10	4.30	9.70	6.30	0.80
5/24/2014 23:30	7.10	4.30	9.70	6.30	0.80
5/24/2014 23:45	7.00	4.30	9.50	6.20	0.80
5/25/2014 0:00	9.50	6.20	7.00	4.30	5.20
5/25/2014 0:15	6.90	4.30	9.50	6.20	0.70
5/25/2014 0:30	6.90	4.20	9.40	6.10	0.80
5/25/2014 0:45	9.30	6.00	6.80	4.20	5.10
5/25/2014 1:00	9.20	5.90	6.80	4.20	5.00
5/25/2014 1:15	6.70	4.20	9.00	5.90	0.80
5/25/2014 1:30	6.70	4.10	9.10	5.80	0.90
5/25/2014 1:45	6.60	4.10	8.90	5.80	0.80
5/25/2014 2:00	6.60	4.10	8.70	5.70	0.90
5/25/2014 2:15	6.60	4.10	8.60	5.50	1.10
5/25/2014 2:30	6.50	4.00	8.30	5.50	1.00
5/25/2014 2:45	8.20	5.50	6.50	4.00	4.20
5/25/2014 3:00	6.40	4.00	8.20	5.50	0.90
5/25/2014 3:15	6.40	4.00	7.90	5.80	0.60
5/25/2014 3:30	8.00	5.50	6.40	4.00	4.00
5/25/2014 3:45	7.90	5.50	6.40	4.00	3.90
5/25/2014 4:00	6.30	3.90	7.50	5.70	0.60
5/25/2014 4:15	7.50	5.60	6.40	3.90	3.60
5/25/2014 4:30	7.50	5.70	6.30	3.90	0.00
5/25/2014 4:45	6.20	3.90	7.50	5.70	0.50
5/25/2014 5:00	7.50	5.70	6.20	3.90	3.60
5/25/2014 5:15	7.20	5.70	6.10	3.90	3.30
5/25/2014 5:30	6.10	3.90	7.30	5.70	0.40
5/25/2014 5:45	7.20	5.80	6.00	3.80	3.40
5/25/2014 6:00	7.20	5.10	6.10	3.80	3.40
5/25/2014 6:15	7.40	5.20	6.10	3.80	3.60
5/25/2014 6:30	7.30	5.40	6.00	3.80	3.50
5/25/2014 6:45	7.80	5.20	6.00	4.00	3.80
5/25/2014 7:00	8.10	5.70	6.00	4.00	4.10
5/25/2014 7:15	8.70	6.00	6.20	4.10	4.60
5/25/2014 7:30	9.70	6.00	6.30	4.30	5.40
5/25/2014 7:45	9.70	6.10	6.60	4.30	5.40
5/25/2014 8:00	9.80	5.90	6.90	4.20	5.60



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/25/2014 8:15	9.90	5.90	7.10	4.20	5.70
5/25/2014 8:30	9.90	5.80	7.30	4.10	5.80
5/25/2014 8:45	9.90	5.80	7.40	4.00	5.90
5/25/2014 9:00	10.00	5.80	7.40	4.20	5.80
5/25/2014 9:15	7.50	4.10	10.20	5.90	1.60
5/25/2014 9:30	9.90	5.80	7.50	4.10	5.80
5/25/2014 9:45	10.00	5.80	7.50	4.10	5.90
5/25/2014 10:00	10.10	5.80	7.60	4.10	6.00
5/25/2014 10:15	7.60	4.10	10.00	5.80	1.80
5/25/2014 10:30	7.60	4.00	10.10	5.80	1.80
5/25/2014 10:45	7.50	4.00	10.00	5.80	1.70
5/25/2014 11:00	10.10	5.90	7.60	4.00	6.10
5/25/2014 11:15	10.00	5.80	7.60	4.00	6.00
5/25/2014 11:30	7.60	4.00	10.00	5.80	1.80
5/25/2014 11:45	10.10	5.80	7.70	3.90	6.20
5/25/2014 12:00	7.70	3.90	10.20	5.90	1.80
5/25/2014 12:15	10.20	5.90	7.70	3.90	6.30
5/25/2014 12:30	7.60	4.00	10.20	5.90	1.70
5/25/2014 12:45	10.10	5.80	7.50	3.90	6.20
5/25/2014 13:00	7.40	3.90	9.90	5.80	1.60
5/25/2014 13:15	9.90	5.80	7.10	3.90	6.00
5/25/2014 13:30	7.00	3.90	9.80	5.60	1.40
5/25/2014 13:45	9.80	1.60	7.20	3.90	5.90
5/25/2014 14:00	7.40	3.90	10.00	5.80	1.60
5/25/2014 14:15	9.90	5.80	7.50	3.80	6.10
5/25/2014 14:30	10.10	5.90	7.60	3.70	6.40
5/25/2014 14:45	10.20	6.00	7.60	3.70	6.50
5/25/2014 15:00	7.70	3.70	10.20	6.00	1.70
5/25/2014 15:15	10.20	6.00	7.70	3.90	6.30
5/25/2014 15:30	7.70	4.00	10.40	6.10	1.60
5/25/2014 15:45	7.70	4.00	10.10	6.10	1.60
5/25/2014 16:00	10.00	6.10	7.70	4.00	6.00
5/25/2014 16:15	10.20	6.20	7.70	4.10	6.10
5/25/2014 16:30	7.70	4.10	10.20	6.20	1.50
5/25/2014 16:45	10.10	6.20	7.60	4.10	6.00
5/25/2014 17:00	7.60	4.10	10.00	6.20	1.40
5/25/2014 17:15	10.00	6.30	7.60	4.10	5.90
5/25/2014 17:30	7.60	4.20	10.00	6.20	1.40
5/25/2014 17:45	7.60	4.20	10.10	6.40	1.20
5/25/2014 18:00	10.10	6.30	7.50	4.30	5.80
5/25/2014 18:15	10.00	6.30	7.50	4.30	5.70
5/25/2014 18:30	10.00	6.30	7.50	4.40	5.60
5/25/2014 18:45	7.60	4.40	9.90	6.30	1.30
5/25/2014 19:00	7.50	4.40	9.80	6.30	1.20
5/25/2014 19:15	7.50	4.40	9.90	6.40	1.10
5/25/2014 19:30	7.50	4.40	9.90	6.40	1.10
5/25/2014 19:45	7.40	4.40	9.90	6.40	1.00
5/25/2014 20:00	9.90	6.40	7.90	4.40	5.50
5/25/2014 20:15	9.90	6.40	7.40	4.40	5.50
5/25/2014 20:30	7.50	4.40	9.90	6.30	1.20
5/25/2014 20:45	7.60	4.40	9.90	6.40	1.20
5/25/2014 21:00	10.00	6.30	7.40	4.40	5.60
5/25/2014 21:15	9.80	6.30	7.40	4.30	5.50
5/25/2014 21:30	9.80	6.20	7.30	4.30	5.50
5/25/2014 21:45	7.20	4.40	9.80	6.20	1.00
5/25/2014 22:00	9.80	6.20	7.10	4.30	5.50
5/25/2014 22:15	9.70	6.30	7.10	4.30	5.40
5/25/2014 22:30	9.80	6.20	7.20	4.40	5.40
5/25/2014 22:45	7.10	4.30	9.80	6.30	0.80
5/25/2014 23:00	7.20	4.30	9.80	6.20	1.00
5/25/2014 23:15	7.20	4.30	9.80	6.30	0.90
5/25/2014 23:30	9.80	6.30	7.20	4.40	5.40
5/25/2014 23:45	9.90	6.30	7.30	4.30	5.60
5/26/2014 0:00	7.30	4.40	9.90	6.20	1.10
5/26/2014 0:15	7.30	4.30	9.90	6.20	1.10
5/26/2014 0:30	7.20	4.30	9.80	6.30	0.90
5/26/2014 0:45	7.20	4.30	9.90	6.20	1.00
5/26/2014 1:00	7.20	4.30	9.80	6.20	1.00
5/26/2014 1:15	7.20	4.30	9.90	6.20	1.00
5/26/2014 1:30	7.20	4.30	9.80	6.20	1.00
5/26/2014 1:45	9.80	6.20	7.20	4.30	5.50
5/26/2014 2:00	9.70	6.20	7.10	4.30	5.40
5/26/2014 2:15	7.10	4.40	9.80	6.20	0.90
5/26/2014 2:30	7.20	4.30	9.80	6.10	1.10
5/26/2014 2:45	7.10	4.30	9.70	6.20	0.90
5/26/2014 3:00	7.00	4.30	9.80	6.10	0.90
5/26/2014 3:15	9.80	6.20	7.00	4.30	5.50
5/26/2014 3:30	7.00	4.30	9.80	6.10	0.90
5/26/2014 3:45	7.00	4.30	9.80	6.30	0.70
5/26/2014 4:00	9.80	6.30	7.10	4.30	5.50
5/26/2014 4:15	7.10	4.30	9.80	6.20	0.90
5/26/2014 4:30	7.10	4.30	9.80	6.20	0.90
5/26/2014 4:45	9.80	6.10	7.10	4.30	5.50
5/26/2014 5:00	9.80	6.20	7.10	4.30	5.50
5/26/2014 5:15	7.10	4.30	9.80	6.20	0.90
5/26/2014 5:30	9.80	6.10	7.10	4.30	5.50
5/26/2014 5:45	7.10	4.30	9.80	6.20	0.90
5/26/2014 6:00	7.10	4.30	9.70	6.10	1.00
5/26/2014 6:15	7.10	4.30	9.80	6.20	0.90



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/26/2014 6:30	7.20	4.30	9.80	6.20	1.00
5/26/2014 6:45	7.20	4.30	9.90	6.10	1.10
5/26/2014 7:00	7.20	4.30	10.00	6.20	1.00
5/26/2014 7:15	7.20	4.30	9.90	6.10	1.10
5/26/2014 7:30	10.10	6.20	7.30	4.30	5.80
5/26/2014 7:45	7.30	4.30	9.90	6.10	1.20
5/26/2014 8:00	7.30	4.30	9.80	6.20	1.10
5/26/2014 8:15	7.30	4.30	9.90	6.20	1.10
5/26/2014 8:30	7.40	4.30	9.90	6.00	1.40
5/26/2014 8:45	7.40	4.20	10.10	6.00	1.40
5/26/2014 9:00	7.40	4.20	10.10	6.00	1.40
5/26/2014 9:15	7.40	4.20	10.10	6.00	1.40
5/26/2014 9:30	10.10	5.90	7.50	4.20	5.90
5/26/2014 9:45	7.50	4.10	10.10	5.80	1.70
5/26/2014 10:00	7.50	4.10	10.10	5.80	1.70
5/26/2014 10:15	7.60	4.30	10.10	5.80	1.80
5/26/2014 10:30	10.10	5.80	7.50	4.00	6.10
5/26/2014 10:45	7.50	4.00	10.10	5.80	1.70
5/26/2014 11:00	10.10	5.90	7.50	4.00	6.10
5/26/2014 11:15	10.10	5.80	7.60	4.00	6.10
5/26/2014 11:30	10.10	5.80	7.60	4.00	0.00
5/26/2014 11:45	10.20	5.80	7.60	4.00	6.20
5/26/2014 12:00	10.20	5.70	7.60	4.00	6.20
5/26/2014 12:15	10.20	5.60	7.70	4.00	0.00
5/26/2014 12:30	7.60	4.00	10.20	5.70	1.90
5/26/2014 12:45	10.30	5.70	7.60	4.30	6.00
5/26/2014 13:00	10.30	5.80	7.60	4.00	6.30
5/26/2014 13:15	10.30	5.80	7.60	4.10	6.20
5/26/2014 13:30	10.30	5.70	7.60	4.10	6.20
5/26/2014 13:45	7.60	4.10	10.20	4.40	3.20
5/26/2014 14:00	10.30	5.70	7.60	4.00	6.30
5/26/2014 14:15	10.30	5.80	7.70	4.00	6.30
5/26/2014 14:30	7.60	4.00	10.20	5.80	1.80
5/26/2014 14:45	10.20	5.80	7.60	4.00	0.00
5/26/2014 15:00	7.70	4.00	10.30	5.90	1.80
5/26/2014 15:15	7.70	4.00	10.20	5.90	1.80
5/26/2014 15:30	7.60	4.00	10.30	5.90	1.70
5/26/2014 15:45	7.70	4.00	10.20	6.00	1.70
5/26/2014 16:00	10.30	6.00	7.70	4.00	6.30
5/26/2014 16:15	7.70	4.00	10.10	6.00	1.70
5/26/2014 16:30	10.20	6.00	7.60	4.00	6.20
5/26/2014 16:45	7.70	4.00	10.20	6.00	1.70
5/26/2014 17:00	7.70	4.10	10.10	6.00	1.70
5/26/2014 17:15	7.70	4.20	10.20	6.10	1.60
5/26/2014 17:30	10.20	6.20	7.60	4.20	6.00
5/26/2014 17:45	7.60	4.20	10.10	6.20	1.40
5/26/2014 18:00	5.30	4.30	6.60	5.90	0.00
5/26/2014 18:15	5.50	4.20	8.20	6.10	0.00
5/26/2014 18:30	12.80	4.20	7.60	7.30	5.50
5/26/2014 18:45	23.10	17.80	7.50	5.30	17.80
5/26/2014 19:00	5.50	8.50	21.50	47.80	0.00
5/26/2014 19:15	5.20	4.40	21.60	23.80	0.00
5/26/2014 19:30	21.70	5.70	6.10	5.20	16.50
5/26/2014 19:45	21.80	5.60	5.20	4.20	17.60
5/26/2014 20:00	7.90	12.00	5.80	4.10	7.90
5/26/2014 20:15	1252.10	15.80	5.90	12.20	1246.20
5/26/2014 20:30	5.30	4.70	7.90	15.50	0.00
5/26/2014 20:45	8.10	9.50	6.00	20.20	3.50
5/26/2014 21:00	5.40	4.70	8.20	9.90	0.00
5/26/2014 21:15	5.30	7.40	8.10	10.00	0.00
5/26/2014 21:30	4.80	6.00	8.20	9.90	0.00
5/26/2014 21:45	4.80	4.80	8.10	9.80	0.00
5/26/2014 22:00	6.50	10.70	11.90	12.10	0.00
5/26/2014 22:15	10.30	11.50	16.60	4.20	7.30
5/26/2014 22:30	4.90	4.20	11.50	15.10	0.00
5/26/2014 22:45	11.00	13.00	11.10	4.20	8.80
5/26/2014 23:00	10.40	11.60	6.50	4.10	7.50
5/26/2014 23:15	4.80	4.30	9.80	5.50	0.00
5/26/2014 23:30	4.80	4.50	9.30	5.50	0.00
5/26/2014 23:45	8.70	5.40	4.80	4.10	4.60
5/27/2014 0:00	4.70	4.70	8.50	5.40	0.00
5/27/2014 0:15	4.80	4.60	8.30	5.30	0.00
5/27/2014 0:30	4.70	4.50	8.10	5.30	0.00
5/27/2014 0:45	8.00	5.40	4.70	4.40	3.60
5/27/2014 1:00	4.70	4.20	7.90	5.40	0.00
5/27/2014 1:15	4.70	4.20	8.30	5.50	0.00
5/27/2014 1:30	8.80	5.50	4.70	4.50	4.30
5/27/2014 1:45	4.70	4.20	8.70	5.50	0.00
5/27/2014 2:00	8.80	5.50	4.70	4.10	4.70
5/27/2014 2:15	4.70	4.10	8.80	5.50	0.00
5/27/2014 2:30	8.90	5.60	4.70	4.40	4.50
5/27/2014 2:45	4.70	4.00	9.10	5.60	0.00
5/27/2014 3:00	9.00	5.80	4.70	4.30	4.70
5/27/2014 3:15	4.70	4.20	9.10	5.70	0.00
5/27/2014 3:30	9.10	5.60	4.70	4.10	5.00
5/27/2014 3:45	4.80	4.10	9.00	5.60	0.00
5/27/2014 4:00	9.20	5.70	4.70	4.10	5.10
5/27/2014 4:15	4.80	4.20	9.20	5.70	0.00
5/27/2014 4:30	9.20	5.70	4.80	4.10	5.10



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/27/2014 4:45	4.80	4.10	9.20	5.70	0.00
5/27/2014 5:00	4.70	4.10	9.30	5.70	0.00
5/27/2014 5:15	4.70	4.10	9.40	5.80	0.00
5/27/2014 5:30	9.40	5.80	4.70	4.10	5.30
5/27/2014 5:45	9.40	5.80	4.70	4.00	5.40
5/27/2014 6:00	4.70	4.00	9.70	5.90	0.00
5/27/2014 6:15	9.90	5.90	4.80	4.00	5.90
5/27/2014 6:30	4.80	4.00	9.90	5.90	0.00
5/27/2014 6:45	9.90	6.10	4.90	4.20	5.70
5/27/2014 7:00	4.90	4.30	10.00	6.00	0.00
5/27/2014 7:15	9.90	6.20	5.10	4.40	5.50
5/27/2014 7:30	5.60	4.40	10.00	6.20	0.00
5/27/2014 7:45	6.10	4.50	9.80	6.10	0.00
5/27/2014 8:00	6.30	4.50	9.90	6.20	0.10
5/27/2014 8:15	6.70	4.50	9.70	6.20	0.50
5/27/2014 8:30	7.00	4.60	10.20	6.20	0.80
5/27/2014 8:45	7.20	4.60	10.20	6.20	1.00
5/27/2014 9:00	10.20	6.20	7.20	4.60	5.60
5/27/2014 9:15	7.40	4.60	10.10	6.20	1.20
5/27/2014 9:30	10.20	6.20	7.50	4.50	5.70
5/27/2014 9:45	7.50	4.60	10.10	6.20	1.30
5/27/2014 10:00	7.60	4.50	10.40	6.10	1.50
5/27/2014 10:15	7.70	4.50	10.30	6.00	1.70
5/27/2014 10:30	7.70	4.50	10.20	6.00	1.70
5/27/2014 10:45	7.80	4.40	10.30	5.90	1.90
5/27/2014 11:00	7.70	4.40	10.40	5.90	1.80
5/27/2014 11:15	7.70	4.40	10.40	6.00	1.70
5/27/2014 11:30	8.40	22.50	62.20	9.70	12.80
5/27/2014 11:45	5.10	4.00	21.00	5.90	0.00
5/27/2014 12:00	5.40	4.20	10.20	5.90	0.00
5/27/2014 12:15	6.10	4.20	10.00	6.10	0.00
5/27/2014 12:30	6.90	4.20	10.40	6.20	0.70
5/27/2014 12:45	7.00	4.30	10.40	6.30	0.70
5/27/2014 13:00	7.50	4.50	10.40	6.30	1.20
5/27/2014 13:15	7.50	4.50	10.30	6.20	1.30
5/27/2014 13:30	7.50	4.50	10.40	6.20	1.30
5/27/2014 13:45	10.50	6.20	7.60	5.90	4.60
5/27/2014 14:00	7.80	4.40	10.30	6.20	1.60
5/27/2014 14:15	7.80	4.40	10.40	6.10	1.70
5/27/2014 14:30	10.50	6.20	7.80	4.40	6.10
5/27/2014 14:45	7.80	4.40	10.40	6.10	1.70
5/27/2014 15:00	10.50	6.20	7.80	4.40	6.10
5/27/2014 15:15	7.80	4.50	10.50	6.10	1.70
5/27/2014 15:30	7.80	4.50	10.40	6.30	1.50
5/27/2014 15:45	7.80	4.40	10.40	6.20	1.60
5/27/2014 16:00	10.40	6.20	7.80	4.40	6.00
5/27/2014 16:15	7.80	4.50	10.40	6.20	1.60
5/27/2014 16:30	7.80	4.40	10.40	6.20	1.60
5/27/2014 16:45	10.40	6.10	7.80	4.50	5.90
5/27/2014 17:00	10.50	6.20	7.90	4.60	5.90
5/27/2014 17:15	10.30	6.10	7.80	4.50	5.80
5/27/2014 17:30	7.80	4.50	10.50	6.20	1.60
5/27/2014 17:45	7.80	4.50	10.50	6.20	1.60
5/27/2014 18:00	10.40	6.30	8.00	4.50	5.90
5/27/2014 18:15	7.80	4.80	10.30	6.30	1.50
5/27/2014 18:30	9.90	6.30	7.70	4.70	5.20
5/27/2014 18:45	6.60	24.40	8.10	7.50	16.90
5/27/2014 19:00	5.10	4.60	12.80	26.00	0.00
5/27/2014 19:15	6.60	4.80	11.00	30.20	0.00
5/27/2014 19:30	8.70	25.90	7.00	9.90	18.90
5/27/2014 19:45	11.40	23.00	6.30	4.20	18.80
5/27/2014 20:00	6.20	4.20	14.00	21.80	0.00
5/27/2014 20:15	5.40	4.10	16.10	7.00	0.00
5/27/2014 20:30	9.10	4.10	17.80	6.80	2.30
5/27/2014 20:45	18.20	6.90	4.90	4.00	14.20
5/27/2014 21:00	10.90	4.50	39.30	14.50	0.00
5/27/2014 21:15	8.60	491.70	7.00	4.30	487.40
5/27/2014 21:30	10.50	993.20	11.60	4.60	988.60
5/27/2014 21:45	12.20	6.20	6.50	4.20	8.00
5/27/2014 22:00	14.40	6.30	239.70	4.10	10.30
5/27/2014 22:15	16.40	6.40	16.50	4.30	12.10
5/27/2014 22:30	18.20	6.40	5.50	4.20	14.00
5/27/2014 22:45	19.90	6.50	7.00	4.30	15.60
5/27/2014 23:00	21.00	6.40	4.90	4.10	16.90
5/27/2014 23:15	21.40	5.90	4.90	4.20	17.20
5/27/2014 23:30	21.80	5.90	4.80	4.20	17.60
5/27/2014 23:45	21.50	6.00	4.70	4.20	17.30
5/28/2014 0:00	20.20	5.70	4.70	4.20	16.00
5/28/2014 0:15	20.00	5.30	4.70	4.10	15.90
5/28/2014 0:30	20.00	5.40	4.80	4.20	15.80
5/28/2014 0:45	19.70	5.50	4.70	4.20	15.50
5/28/2014 1:00	19.90	5.30	4.80	4.30	15.60
5/28/2014 1:15	19.70	5.50	4.80	4.20	15.50
5/28/2014 1:30	19.20	5.80	4.80	4.50	14.70
5/28/2014 1:45	19.80	5.70	4.80	4.20	15.60
5/28/2014 2:00	4.80	4.80	19.80	5.70	0.00
5/28/2014 2:15	19.20	5.60	4.80	4.40	14.80
5/28/2014 2:30	19.20	5.60	4.80	4.30	14.90
5/28/2014 2:45	19.00	5.50	4.90	4.20	14.80



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/28/2014 3:00	19.00	5.60	4.80	4.20	14.80
5/28/2014 3:15	4.80	4.20	16.30	5.50	0.00
5/28/2014 3:30	4.80	4.20	16.10	5.60	0.00
5/28/2014 3:45	4.90	4.20	16.10	5.30	0.00
5/28/2014 4:00	4.90	4.20	16.00	5.40	0.00
5/28/2014 4:15	15.80	5.40	4.90	4.20	11.60
5/28/2014 4:30	4.90	4.20	15.70	5.40	0.00
5/28/2014 4:45	15.60	5.50	4.90	4.20	11.40
5/28/2014 5:00	8.20	11.10	5.00	4.20	6.90
5/28/2014 5:15	8.60	16.30	4.90	4.20	12.10
5/28/2014 5:30	10.10	9.30	14.00	7.60	2.50
5/28/2014 5:45	15.30	7.70	10.00	12.00	5.30
5/28/2014 6:00	18.20	8.60	8.70	7.90	10.30
5/28/2014 6:15	9.80	10.20	8.20	8.90	2.00
5/28/2014 6:30	8.30	9.60	8.80	7.90	1.70
5/28/2014 6:45	9.30	9.10	9.00	9.50	0.30
5/28/2014 7:00	9.00	8.40	8.30	10.50	0.70
5/28/2014 7:15	8.50	7.50	8.70	7.80	0.70
5/28/2014 7:30	8.70	7.10	8.60	8.80	0.10
5/28/2014 7:45	9.30	7.20	8.60	8.70	0.70
5/28/2014 8:00	9.70	7.30	8.20	7.80	1.90
5/28/2014 8:15	8.00	9.30	9.30	7.30	2.00
5/28/2014 8:30	9.20	8.10	8.70	21.10	0.50
5/28/2014 8:45	9.90	7.40	8.30	2.30	7.60
5/28/2014 9:00	21.00	11.60	9.00	2.30	18.70
5/28/2014 9:15	17.60	9.40	8.30	2.30	15.30
5/28/2014 9:30	14.20	10.40	8.60	320.70	5.60
5/28/2014 9:45	10.90	10.10	8.90	2.30	8.60
5/28/2014 10:00	10.40	8.00	8.80	2.30	8.10
5/28/2014 10:15	9.20	8.10	10.20	2.30	6.90
5/28/2014 10:30	9.30	8.50	10.60	2.20	7.10
5/28/2014 10:45	9.30	8.40	9.60	2.30	7.00
5/28/2014 11:00	8.60	7.60	8.70	2.30	6.30
5/28/2014 11:15	8.40	7.30	12.30	2.30	6.10
5/28/2014 11:30	8.60	7.20	8.80	2.30	6.30
5/28/2014 11:45	8.50	7.30	8.00	2.30	6.20
5/28/2014 12:00	8.30	7.20	8.10	4.90	3.40
5/28/2014 12:15	10.20	6.60	10.20	2.30	7.90
5/28/2014 12:30	11.90	6.40	15.20	2.30	9.60
5/28/2014 12:45	9.70	7.40	12.60	2.30	7.40
5/28/2014 13:00	10.50	7.90	10.80	2.20	8.30
5/28/2014 13:15	12.60	8.60	11.50	2.30	10.30
5/28/2014 13:30	25.90	21.50	12.50	2.30	23.60
5/28/2014 13:45	24.70	16.70	11.70	2.20	22.50
5/28/2014 14:00	18.40	2.20	17.60	16.10	2.30
5/28/2014 14:15	14.70	17.20	11.00	2.30	14.90
5/28/2014 14:30	14.40	10.90	15.40	2.30	12.10
5/28/2014 14:45	14.40	11.30	22.40	2.20	12.20
5/28/2014 15:00	16.30	30.20	24.40	2.30	27.90
5/28/2014 15:15	20.60	58.20	15.40	2.30	55.90
5/28/2014 15:30	28.60	59.10	12.50	2.30	56.80
5/28/2014 15:45	17.20	61.20	13.40	2.30	58.90
5/28/2014 16:00	18.00	2.20	13.50	28.50	4.50
5/28/2014 16:15	18.90	36.50	28.20	2.30	34.20
5/28/2014 16:30	22.60	28.10	21.50	2.20	25.90
5/28/2014 16:45	13.80	26.20	25.70	2.30	23.90
5/28/2014 17:00	42.40	2.30	13.50	32.60	28.90
5/28/2014 17:15	15.00	28.30	48.30	2.30	26.00
5/28/2014 17:30	13.80	25.20	48.70	10.00	15.20
5/28/2014 17:45	26.60	25.80	33.10	576.50	0.00
5/28/2014 18:00	28.00	23.00	34.20	2.30	25.70
5/28/2014 18:15	23.00	20.60	33.40	2.30	20.70
5/28/2014 18:30	36.10	2.30	17.00	21.80	19.10
5/28/2014 18:45	16.60	13.70	62.60	2.30	14.30
5/28/2014 19:00	16.80	13.90	56.50	377.40	0.00
5/28/2014 19:15	16.10	12.60	58.30	2.20	13.90
5/28/2014 19:30	41.70	2.80	16.40	12.80	28.90
5/28/2014 19:45	17.80	12.20	41.20	33.60	0.00
5/28/2014 20:00	34.30	42.30	17.60	13.40	28.90
5/28/2014 20:15	21.40	502.50	17.10	18.30	485.40
5/28/2014 20:30	21.80	2.30	16.80	18.10	5.00
5/28/2014 20:45	14.90	16.70	23.70	194.90	0.00
5/28/2014 21:00	14.40	13.80	59.30	387.40	0.00
5/28/2014 21:15	13.90	14.70	15.50	2.30	12.40
5/28/2014 21:30	18.50	2.20	15.00	13.00	5.50
5/28/2014 21:45	16.20	47.40	16.20	15.30	32.10
5/28/2014 22:00	14.70	15.90	23.90	2.40	13.50
5/28/2014 22:15	14.30	16.70	19.60	39.80	0.00
5/28/2014 22:30	20.00	537.90	14.70	17.40	523.20
5/28/2014 22:45	14.80	16.90	21.40	404.30	0.00
5/28/2014 23:00	22.00	512.30	14.20	15.90	498.10
5/28/2014 23:15	13.90	14.40	18.80	488.90	0.00
5/28/2014 23:30	14.00	13.70	21.00	319.40	0.00
5/28/2014 23:45	14.10	10.90	31.50	2.30	11.80
5/29/2014 0:00	13.90	11.90	28.70	2.20	11.70
5/29/2014 0:15	37.80	2.20	14.10	11.50	26.30
5/29/2014 0:30	13.70	10.80	36.80	2.20	11.50
5/29/2014 0:45	28.60	2.20	13.20	11.00	17.60
5/29/2014 1:00	12.80	13.80	22.50	2.30	11.50



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/29/2014 1:15	12.90	13.90	21.60	2.20	11.70
5/29/2014 1:30	12.90	13.90	25.60	2.30	11.60
5/29/2014 1:45	12.30	13.90	20.90	2.30	11.60
5/29/2014 2:00	12.60	14.00	12.80	2.30	11.70
5/29/2014 2:15	10.70	13.90	12.50	2.30	11.60
5/29/2014 2:30	11.10	13.80	11.40	2.30	11.50
5/29/2014 2:45	12.10	10.90	18.00	2.30	9.80
5/29/2014 3:00	23.40	2.30	12.00	10.40	13.00
5/29/2014 3:15	49.60	2.30	14.50	12.20	37.40
5/29/2014 3:30	16.40	13.70	31.00	2.30	14.10
5/29/2014 3:45	15.10	2.20	17.80	16.60	0.00
5/29/2014 4:00	16.80	2.30	17.80	16.30	0.50
5/29/2014 4:15	19.90	2.30	16.90	14.60	5.30
5/29/2014 4:30	15.20	14.80	18.90	2.30	12.90
5/29/2014 4:45	13.10	13.20	17.80	2.30	10.90
5/29/2014 5:00	12.80	11.20	17.60	2.30	10.50
5/29/2014 5:15	19.70	2.30	12.40	12.10	7.60
5/29/2014 5:30	15.80	2.20	16.40	11.80	4.00
5/29/2014 5:45	19.20	12.00	32.50	2.20	17.00
5/29/2014 6:00	19.30	13.00	23.90	2.30	17.00
5/29/2014 6:15	30.90	13.40	18.60	2.30	28.60
5/29/2014 6:30	52.10	12.90	16.20	2.20	49.90
5/29/2014 6:45	16.20	2.90	45.60	12.00	4.20
5/29/2014 7:00	38.50	10.50	19.20	2.20	36.30
5/29/2014 7:15	16.40	2.30	32.90	10.90	5.50
5/29/2014 7:30	16.80	2.30	28.30	10.80	6.00
5/29/2014 7:45	14.00	2.20	28.20	11.80	2.20
5/29/2014 8:00	35.10	14.20	14.30	2.30	32.80
5/29/2014 8:15	31.30	11.50	13.60	2.20	29.10
5/29/2014 8:30	29.00	12.90	17.40	2.20	26.80
5/29/2014 8:45	26.60	21.90	17.00	2.30	24.30
5/29/2014 9:00	13.30	39.00	25.70	41.30	13.30
5/29/2014 9:15	26.10	49.20	18.50	66.00	30.70
5/29/2014 9:30	25.70	45.10	15.60	3.00	42.10
5/29/2014 9:45	28.60	36.90	17.10	2.30	34.60
5/29/2014 10:00	28.70	17.80	19.20	2.20	26.50
5/29/2014 10:15	27.00	24.00	21.00	2.30	24.70
5/29/2014 10:30	23.70	11.90	16.80	2.20	21.50
5/29/2014 10:45	21.50	12.10	12.80	204.60	8.70
5/29/2014 11:00	13.80	16.30	21.90	13.60	2.70
5/29/2014 11:15	22.20	9.10	12.70	2.30	19.90
5/29/2014 11:30	11.90	2.30	22.10	8.80	3.10
5/29/2014 11:45	19.10	8.40	12.10	2.60	16.50
5/29/2014 12:00	15.50	8.20	13.00	2.20	13.30
5/29/2014 12:15	11.90	8.90	35.70	71.30	0.00
5/29/2014 12:30	12.20	7.50	13.00	19.80	0.00
5/29/2014 12:45	11.70	104.10	12.50	7.70	96.40
5/29/2014 13:00	13.80	9.00	13.30	495.20	0.50
5/29/2014 13:15	14.00	591.30	12.00	8.50	582.80
5/29/2014 13:30	18.80	8.30	13.60	604.30	5.20
5/29/2014 13:45	10.40	353.10	21.70	12.00	341.10
5/29/2014 14:00	10.90	65.40	23.70	13.70	51.70
5/29/2014 14:15	12.00	183.40	18.40	15.10	168.30
5/29/2014 14:30	18.30	16.00	11.00	149.20	7.30
5/29/2014 14:45	12.00	15.40	15.90	158.70	0.00
5/29/2014 15:00	12.30	48.90	13.20	14.50	35.70
5/29/2014 15:15	11.20	63.00	15.30	11.10	51.90
5/29/2014 15:30	12.00	13.80	12.50	50.10	1.30
5/29/2014 15:45	11.60	13.70	10.70	22.70	3.00
5/29/2014 16:00	11.60	34.50	10.30	30.20	24.20
5/29/2014 16:15	13.20	25.90	11.70	18.40	14.20
5/29/2014 16:30	10.50	25.70	12.40	69.90	13.30
5/29/2014 16:45	10.60	40.90	10.90	85.80	30.00
5/29/2014 17:00	10.90	39.70	10.50	18.80	29.20
5/29/2014 17:15	10.30	24.10	10.70	22.90	13.40
5/29/2014 17:30	10.80	43.40	10.90	21.20	32.50
5/29/2014 17:45	10.00	31.50	14.30	23.60	17.20
5/29/2014 18:00	10.10	31.50	13.60	19.70	17.90
5/29/2014 18:15	14.30	21.80	21.10	29.00	0.70
5/29/2014 18:30	17.80	23.70	15.50	25.70	8.20
5/29/2014 18:45	28.60	31.30	18.60	22.80	12.70
5/29/2014 19:00	24.40	28.70	20.60	21.40	8.10
5/29/2014 19:15	24.30	28.30	19.70	18.90	9.40
5/29/2014 19:30	13.20	26.40	22.00	11.40	15.00
5/29/2014 19:45	13.40	25.70	18.90	11.40	14.30
5/29/2014 20:00	23.70	15.00	21.00	25.70	2.70
5/29/2014 20:15	13.70	22.10	53.30	23.50	0.00
5/29/2014 20:30	17.30	22.00	24.60	26.40	0.00
5/29/2014 20:45	23.10	33.10	14.90	28.70	18.20
5/29/2014 21:00	13.10	37.00	20.40	23.60	16.60
5/29/2014 21:15	13.30	55.30	12.60	59.90	42.70
5/29/2014 21:30	13.40	47.50	11.50	40.90	36.00
5/29/2014 21:45	13.20	59.50	17.10	60.30	42.40
5/29/2014 22:00	16.10	72.40	21.50	34.40	50.90
5/29/2014 22:15	17.30	44.50	14.90	27.90	29.60
5/29/2014 22:30	16.30	32.00	17.30	32.50	14.70
5/29/2014 22:45	20.60	32.80	16.60	15.60	17.20
5/29/2014 23:00	18.00	42.40	29.30	45.40	13.10
5/29/2014 23:15	23.30	18.50	17.00	17.40	6.30



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/29/2014 23:30	37.30	18.80	19.10	54.60	18.20
5/29/2014 23:45	43.70	57.90	29.50	16.80	41.10
5/30/2014 0:00	42.80	54.00	25.00	16.10	37.90
5/30/2014 0:15	31.40	49.00	21.90	14.80	34.20
5/30/2014 0:30	59.00	18.00	15.10	68.10	43.90
5/30/2014 0:45	18.60	53.80	23.40	29.20	30.40
5/30/2014 1:00	41.60	19.00	16.80	37.80	24.80
5/30/2014 1:15	15.70	21.50	20.70	23.30	0.80
5/30/2014 1:30	18.40	18.00	15.50	32.90	2.90
5/30/2014 1:45	11.70	68.90	19.70	14.40	54.50
5/30/2014 2:00	15.20	64.20	17.40	11.10	53.10
5/30/2014 2:15	20.10	11.10	11.50	71.20	8.60
5/30/2014 2:30	63.00	10.60	10.50	36.60	52.50
5/30/2014 2:45	14.20	18.10	11.00	42.90	7.10
5/30/2014 3:00	41.30	14.80	13.40	34.30	27.90
5/30/2014 3:15	30.50	12.60	13.70	53.90	16.80
5/30/2014 3:30	13.50	15.80	10.70	31.70	5.10
5/30/2014 3:45	12.70	15.90	9.60	49.40	6.30
5/30/2014 4:00	13.30	13.10	10.00	45.40	3.30
5/30/2014 4:15	26.60	8.80	12.70	28.80	13.90
5/30/2014 4:30	10.30	23.00	38.00	12.80	10.20
5/30/2014 4:45	16.70	14.10	26.20	12.60	4.10
5/30/2014 5:00	24.40	8.70	9.90	34.40	14.50
5/30/2014 5:15	13.70	10.50	9.80	34.70	3.90
5/30/2014 5:30	12.90	10.40	9.20	7.80	5.10
5/30/2014 5:45	10.60	9.10	26.10	7.60	3.00
5/30/2014 6:00	11.70	7.90	41.60	7.20	4.50
5/30/2014 6:15	21.70	9.60	10.50	9.90	11.80
5/30/2014 6:30	27.50	7.50	9.90	14.70	17.60
5/30/2014 6:45	12.30	12.00	16.00	7.30	5.00
5/30/2014 7:00	14.20	7.10	10.80	8.30	5.90
5/30/2014 7:15	12.50	7.40	15.60	13.50	0.00
5/30/2014 7:30	11.30	7.50	12.10	15.70	0.00
5/30/2014 7:45	11.50	7.30	10.20	15.20	1.30
5/30/2014 8:00	13.00	8.80	9.50	16.70	3.50
5/30/2014 8:15	12.80	8.50	11.50	14.00	1.30
5/30/2014 8:30	11.30	8.60	12.30	8.00	3.30
5/30/2014 8:45	12.10	8.10	12.90	6.70	5.40
5/30/2014 9:00	9.70	8.90	11.20	8.20	1.50
5/30/2014 9:15	9.60	9.40	11.80	10.10	0.00
5/30/2014 9:30	9.00	9.20	10.20	7.00	2.20
5/30/2014 9:45	10.60	10.50	10.30	7.20	3.40
5/30/2014 10:00	10.80	11.10	10.20	9.40	1.70
5/30/2014 10:15	11.60	7.40	12.30	15.70	0.00
5/30/2014 10:30	10.70	8.10	14.60	14.90	0.00
5/30/2014 10:45	14.10	8.80	16.50	16.50	0.00
5/30/2014 11:00	16.80	13.80	14.50	9.90	6.90
5/30/2014 11:15	20.30	21.00	14.90	7.90	13.10
5/30/2014 11:30	17.30	12.20	14.20	10.10	7.20
5/30/2014 11:45	15.70	16.70	14.20	10.50	6.20
5/30/2014 12:00	11.50	37.10	14.70	7.90	29.20
5/30/2014 12:15	10.70	58.80	15.40	6.80	52.00
5/30/2014 12:30	16.60	9.60	11.20	68.00	5.40
5/30/2014 12:45	30.70	81.50	19.90	11.80	69.70
5/30/2014 13:00	10.40	47.40	30.10	9.40	38.00
5/30/2014 13:15	26.60	11.60	38.20	38.10	0.00
5/30/2014 13:30	16.10	19.30	28.40	16.90	2.40
5/30/2014 13:45	42.20	15.50	18.50	9.30	32.90
5/30/2014 14:00	40.20	10.50	21.30	7.80	32.40
5/30/2014 14:15	23.70	8.10	17.90	23.20	5.80
5/30/2014 14:30	19.60	16.80	29.00	10.00	9.60
5/30/2014 14:45	26.10	27.90	31.40	12.20	15.70
5/30/2014 15:00	49.20	28.70	20.10	9.90	39.30
5/30/2014 15:15	23.40	10.90	15.80	22.20	7.60
5/30/2014 15:30	9.10	91.40	23.30	11.90	79.50
5/30/2014 15:45	9.80	70.30	29.30	39.50	41.00
5/30/2014 16:00	11.50	43.30	11.30	24.70	32.00
5/30/2014 16:15	13.70	31.50	11.30	46.90	20.20
5/30/2014 16:30	9.60	21.60	46.00	25.90	0.00
5/30/2014 16:45	16.70	20.40	46.10	43.70	0.00
5/30/2014 17:00	25.60	39.70	27.10	54.20	12.60
5/30/2014 17:15	34.00	34.30	18.10	38.70	16.20
5/30/2014 17:30	20.90	59.10	29.20	23.20	35.90
5/30/2014 17:45	23.70	22.40	27.10	24.20	0.00
5/30/2014 18:00	15.00	26.30	20.40	22.60	5.90
5/30/2014 18:15	22.10	21.80	38.80	38.50	0.00
5/30/2014 18:30	20.40	21.10	28.40	82.10	0.00
5/30/2014 18:45	21.20	19.70	50.90	71.10	0.00
5/30/2014 19:00	78.20	24.20	17.80	18.90	60.40
5/30/2014 19:15	21.00	17.40	36.80	21.00	0.00
5/30/2014 19:30	18.80	16.70	28.70	59.60	0.00
5/30/2014 19:45	21.90	52.90	15.80	16.40	37.10
5/30/2014 20:00	16.60	96.90	15.40	20.10	81.50
5/30/2014 20:15	28.60	21.80	15.30	91.30	13.30
5/30/2014 20:30	15.60	22.50	21.80	66.30	0.70
5/30/2014 20:45	12.80	24.80	13.90	32.80	10.90
5/30/2014 21:00	14.80	50.00	44.00	20.00	30.00
5/30/2014 21:15	16.80	83.20	20.20	27.30	63.00
5/30/2014 21:30	24.60	85.30	23.10	25.00	62.20



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/30/2014 21:45	20.50	46.80	31.20	19.40	27.40
5/30/2014 22:00	29.80	27.50	15.20	62.00	14.60
5/30/2014 22:15	15.80	31.80	23.20	154.60	8.60
5/30/2014 22:30	99.50	119.00	12.50	31.40	106.50
5/30/2014 22:45	42.20	27.90	21.50	25.70	20.70
5/30/2014 23:00	82.90	43.60	20.10	22.90	62.80
5/30/2014 23:15	83.80	35.40	17.50	25.70	66.30
5/30/2014 23:30	53.30	35.70	18.10	30.00	35.20
5/30/2014 23:45	74.20	83.10	19.30	28.10	63.80
5/31/2014 0:00	90.50	53.50	24.30	25.70	66.20
5/31/2014 0:15	52.70	101.40	20.40	20.60	81.00
5/31/2014 0:30	27.10	96.60	13.10	15.20	83.50
5/31/2014 0:45	16.70	15.10	100.00	109.50	0.00
5/31/2014 1:00	85.00	45.20	13.50	13.30	71.70
5/31/2014 1:15	26.80	17.30	14.30	12.80	14.00
5/31/2014 1:30	13.50	12.50	14.20	12.70	0.80
5/31/2014 1:45	14.00	13.90	12.20	20.30	1.80
5/31/2014 2:00	13.20	10.80	16.10	18.60	0.00
5/31/2014 2:15	12.90	9.90	12.50	15.00	0.40
5/31/2014 2:30	12.40	13.40	11.80	9.70	3.70
5/31/2014 2:45	16.10	12.10	12.00	9.70	6.40
5/31/2014 3:00	15.40	14.20	13.40	9.50	5.90
5/31/2014 3:15	13.50	9.90	14.00	12.30	1.20
5/31/2014 3:30	12.80	14.80	13.90	9.60	5.20
5/31/2014 3:45	14.50	11.70	12.50	9.60	4.90
5/31/2014 4:00	12.30	9.80	12.00	10.60	1.70
5/31/2014 4:15	13.00	10.20	12.10	9.10	3.90
5/31/2014 4:30	12.00	9.10	12.70	10.60	1.40
5/31/2014 4:45	11.80	8.20	12.20	10.30	1.50
5/31/2014 5:00	13.30	11.10	9.60	11.90	3.70
5/31/2014 5:15	13.60	10.20	13.80	12.00	1.60
5/31/2014 5:30	16.00	10.40	12.50	11.50	4.50
5/31/2014 5:45	12.00	14.10	12.30	7.60	6.50
5/31/2014 6:00	11.70	7.50	12.60	9.30	2.40
5/31/2014 6:15	12.70	10.20	12.40	7.40	5.30
5/31/2014 6:30	10.40	9.90	12.40	10.40	0.00
5/31/2014 6:45	11.30	11.60	8.80	11.50	2.80
5/31/2014 7:00	11.20	11.80	10.60	11.40	1.20
5/31/2014 7:15	9.20	7.30	10.80	10.80	0.00
5/31/2014 7:30	10.60	10.60	10.20	7.70	2.90
5/31/2014 7:45	10.10	10.40	11.30	9.70	0.70
5/31/2014 8:00	11.00	9.70	11.50	8.90	2.10
5/31/2014 8:15	9.40	9.10	10.80	9.30	0.10
5/31/2014 8:30	9.60	10.10	10.80	12.90	0.00
5/31/2014 8:45	11.40	10.80	9.90	10.00	1.50
5/31/2014 9:00	9.70	9.50	10.30	9.70	0.00
5/31/2014 9:15	10.80	53.20	10.40	9.70	43.50
5/31/2014 9:30	34.30	33.70	10.90	8.60	25.70
5/31/2014 9:45	53.90	84.60	11.40	9.70	74.90
5/31/2014 10:00	45.90	118.40	10.80	9.90	108.50
5/31/2014 10:15	69.50	43.50	10.60	9.10	60.40
5/31/2014 10:30	12.80	9.00	51.60	34.80	0.00
5/31/2014 10:45	64.30	31.60	14.10	9.50	54.80
5/31/2014 11:00	14.40	38.80	12.90	9.60	29.20
5/31/2014 11:15	12.20	88.70	12.40	9.00	79.70
5/31/2014 11:30	80.30	44.80	12.80	8.40	71.90
5/31/2014 11:45	86.60	63.40	13.60	10.30	76.30
5/31/2014 12:00	25.30	116.80	12.80	10.10	106.70
5/31/2014 12:15	14.60	44.50	14.80	10.00	34.50
5/31/2014 12:30	36.80	97.50	19.30	9.40	88.10
5/31/2014 12:45	33.90	151.40	23.80	8.20	143.20
5/31/2014 13:00	24.90	9.30	137.20	103.20	0.00
5/31/2014 13:15	121.10	17.00	20.70	10.80	110.30
5/31/2014 13:30	16.70	9.70	10.10	12.00	6.60
5/31/2014 13:45	7.40	7.00	15.60	10.50	0.00
6/2/2014 20:00	12.70	8.40	8.30	5.20	7.50
6/2/2014 20:15	8.30	5.40	12.70	8.40	0.00
6/2/2014 20:30	8.20	5.30	12.50	8.30	0.00
6/2/2014 20:45	8.20	5.30	12.60	8.30	0.00
6/2/2014 21:00	12.50	8.20	8.20	5.40	7.10
6/2/2014 21:15	8.10	5.30	12.50	8.20	0.00
6/2/2014 21:30	8.30	5.30	12.50	8.20	0.10
6/2/2014 21:45	8.20	5.20	12.60	8.20	0.00
6/2/2014 22:00	9.20	5.30	12.50	8.20	1.00
6/2/2014 22:15	12.60	8.10	8.20	5.30	7.30
6/2/2014 22:30	8.10	5.30	12.50	8.20	0.00
6/2/2014 22:45	8.20	5.30	12.50	8.20	0.00
6/2/2014 23:00	12.40	8.20	8.10	5.30	7.10
6/2/2014 23:15	8.10	5.30	12.60	8.20	0.00
6/2/2014 23:30	12.50	8.10	8.10	5.30	7.20
6/2/2014 23:45	12.60	8.10	8.10	5.30	7.30
6/3/2014 0:00	12.50	7.70	8.10	5.20	7.30
6/3/2014 0:15	12.50	7.60	8.10	5.30	7.20
6/3/2014 0:30	8.10	5.30	12.50	7.60	0.50
6/3/2014 0:45	8.00	5.30	12.50	7.60	0.40
6/3/2014 1:00	8.00	5.30	12.50	7.70	0.30
6/3/2014 1:15	12.40	7.90	8.10	5.30	7.10
6/3/2014 1:30	8.00	5.30	12.40	7.90	0.10
6/3/2014 1:45	8.00	5.20	12.50	8.00	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/3/2014 2:00	12.40	8.30	8.00	5.20	7.20
6/3/2014 2:15	12.50	8.70	8.00	5.20	7.30
6/3/2014 2:30	8.00	5.30	12.40	8.50	0.00
6/3/2014 2:45	8.00	5.20	12.60	8.70	0.00
6/3/2014 3:00	8.00	5.20	12.50	8.80	0.00
6/3/2014 3:15	8.00	5.20	12.40	8.60	0.00
6/3/2014 3:30	8.00	5.20	12.60	8.70	0.00
6/3/2014 3:45	7.90	5.30	12.50	8.50	0.00
6/3/2014 4:00	7.90	5.20	12.50	8.80	0.00
6/3/2014 4:15	7.90	5.20	12.40	8.80	0.00
6/3/2014 4:30	7.90	5.20	12.40	8.80	0.00
6/3/2014 4:45	7.80	5.20	12.40	8.70	0.00
6/3/2014 5:00	12.40	8.60	7.80	5.20	7.20
6/3/2014 5:15	12.40	8.40	8.00	5.20	7.20
6/3/2014 5:30	7.90	5.20	12.30	8.40	0.00
6/3/2014 5:45	12.40	8.40	7.90	5.20	7.20
6/3/2014 6:00	7.80	5.30	12.40	8.50	0.00
6/3/2014 6:15	7.90	5.20	12.40	8.70	0.00
6/3/2014 6:30	7.90	5.20	12.40	0.60	7.30
6/3/2014 6:45	7.90	5.20	12.50	0.00	7.90
6/3/2014 7:00	7.90	5.20	12.70	0.00	7.90
6/3/2014 7:15	8.10	5.80	12.60	-0.10	8.20
6/3/2014 7:30	8.00	5.30	12.40	0.00	8.00
6/3/2014 7:45	14.90	0.10	8.00	5.30	9.60
6/3/2014 8:00	15.60	0.10	8.10	5.30	10.30
6/3/2014 8:15	8.00	5.20	15.80	0.20	7.80
6/3/2014 8:30	8.10	5.20	14.40	3.90	4.20
6/3/2014 8:45	8.10	5.20	14.40	11.00	0.00
6/3/2014 9:00	10.60	5.60	14.00	8.40	2.20
6/3/2014 9:15	8.30	5.10	13.80	8.30	0.00
6/3/2014 9:30	8.20	5.10	12.80	8.40	0.00
6/3/2014 9:45	8.30	5.10	12.90	8.50	0.00
6/3/2014 10:00	8.20	5.00	12.90	8.40	0.00
6/3/2014 10:15	8.30	4.90	12.90	8.10	0.20
6/3/2014 10:30	8.40	4.90	12.90	8.10	0.30
6/3/2014 10:45	8.40	4.90	12.90	8.10	0.30
6/3/2014 11:00	8.40	4.90	12.90	8.30	0.10
6/3/2014 11:15	8.50	5.10	12.90	16.60	0.00
6/3/2014 11:30	12.90	8.90	12.30	5.00	0.00
6/3/2014 11:45	8.40	5.70	13.00	9.10	0.00
6/3/2014 12:00	12.90	4.90	12.90	9.30	3.60
6/3/2014 12:15	12.90	9.40	8.50	5.20	7.70
6/3/2014 12:30	8.70	4.80	12.90	9.10	0.00
6/3/2014 12:45	8.60	2.90	13.00	9.00	0.00
6/3/2014 13:00	13.00	9.00	8.60	4.80	8.20
6/3/2014 13:15	7.90	5.40	13.00	8.60	0.00
6/3/2014 13:30	1.20	5.00	13.10	8.70	0.00
6/3/2014 13:45	0.90	6.10	13.00	8.80	0.00
6/3/2014 14:00	0.70	5.50	13.10	8.90	0.00
6/3/2014 14:15	0.50	5.60	13.00	9.00	0.00
6/3/2014 14:30	13.20	9.10	0.30	4.90	12.90
6/3/2014 14:45	13.30	9.10	0.30	4.90	13.00
6/3/2014 15:00	0.20	4.90	13.20	7.60	0.00
6/3/2014 15:15	13.30	7.30	0.10	4.90	13.20
6/3/2014 15:30	13.50	7.40	0.40	4.90	13.10
6/3/2014 15:45	6.10	4.90	13.30	7.50	0.00
6/3/2014 16:00	8.60	5.00	13.10	7.50	1.10
6/3/2014 16:15	8.50	5.10	13.00	7.50	1.00
6/3/2014 16:30	13.00	7.70	9.70	5.10	7.90
6/3/2014 16:45	12.90	7.80	8.60	5.00	7.90
6/3/2014 17:00	8.50	5.40	12.80	7.70	0.80
6/3/2014 17:15	13.00	7.70	8.60	5.30	7.70
6/3/2014 17:30	12.80	7.70	8.60	5.30	7.50
6/3/2014 17:45	12.80	7.70	8.60	5.40	7.40
6/3/2014 18:00	8.60	5.40	12.70	7.70	0.90
6/3/2014 18:15	8.60	5.40	12.80	7.70	0.90
6/3/2014 18:30	12.70	7.60	8.40	5.40	7.30
6/3/2014 18:45	12.80	15.50	8.30	5.40	10.10
6/3/2014 19:00	8.40	5.40	12.70	16.60	0.00
6/3/2014 19:15	8.20	5.70	12.80	14.30	0.00
6/3/2014 19:30	8.20	5.50	12.70	12.50	0.00
6/3/2014 19:45	12.80	13.80	8.20	5.40	8.40
6/3/2014 20:00	8.10	5.50	12.70	12.30	0.00
6/3/2014 20:15	8.10	5.50	12.70	13.10	0.00
6/3/2014 20:30	12.70	11.40	8.10	5.50	7.20
6/3/2014 20:45	8.20	5.50	12.70	13.50	0.00
6/3/2014 21:00	12.60	13.60	8.30	5.40	8.20
6/3/2014 21:15	12.70	11.90	8.20	5.50	7.20
6/3/2014 21:30	8.00	5.50	12.60	10.60	0.00
6/3/2014 21:45	8.00	5.50	12.60	10.00	0.00
6/3/2014 22:00	12.60	10.10	8.00	5.40	7.20
6/3/2014 22:15	8.00	5.50	12.60	9.80	0.00
6/3/2014 22:30	12.70	8.00	8.00	5.40	7.30
6/3/2014 22:45	12.60	7.90	8.10	5.40	7.20
6/3/2014 23:00	8.20	5.50	12.60	7.90	0.30
6/3/2014 23:15	12.60	7.90	8.00	5.40	7.20
6/3/2014 23:30	8.10	5.40	12.60	7.90	0.20
6/3/2014 23:45	12.60	8.00	8.00	5.40	7.20
6/4/2014 0:00	8.00	5.50	12.60	8.00	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/4/2014 0:15	7.90	5.40	12.60	8.00	0.00
6/4/2014 0:30	12.60	8.00	7.90	5.40	7.20
6/4/2014 0:45	8.00	5.40	12.60	8.00	0.00
6/4/2014 1:00	12.60	7.90	8.00	5.40	7.20
6/4/2014 1:15	8.00	5.40	12.60	8.00	0.00
6/4/2014 1:30	8.00	5.40	12.60	8.00	0.00
6/4/2014 1:45	8.00	5.40	12.60	7.90	0.10
6/4/2014 2:00	8.00	5.40	12.60	8.00	0.00
6/4/2014 2:15	8.00	5.40	12.60	8.00	0.00
6/4/2014 2:30	8.00	5.40	12.60	7.90	0.10
6/4/2014 2:45	8.00	5.40	12.60	7.80	0.20
6/4/2014 3:00	12.60	7.80	19.80	5.40	7.20
6/4/2014 3:15	8.00	5.40	12.70	7.90	0.10
6/4/2014 3:30	12.60	7.90	8.00	5.40	7.20
6/4/2014 3:45	8.00	5.40	12.60	7.90	0.10
6/4/2014 4:00	8.00	5.50	12.60	7.90	0.10
6/4/2014 4:15	8.10	5.40	12.60	7.80	0.30
6/4/2014 4:30	8.10	20.70	12.60	7.80	12.90
6/4/2014 4:45	8.00	5.40	12.60	7.80	0.20
6/4/2014 5:00	8.10	5.40	12.50	7.80	0.30
6/4/2014 5:15	8.00	5.40	12.60	7.80	0.20
6/4/2014 5:30	8.00	5.50	12.60	7.90	0.10
6/4/2014 5:45	8.10	5.50	12.40	7.90	0.20
6/4/2014 6:00	7.70	5.40	11.70	7.90	0.00
6/4/2014 6:15	7.30	5.30	10.00	7.80	0.00
6/4/2014 6:30	6.90	5.20	10.00	7.50	0.00
6/4/2014 6:45	6.50	5.10	9.20	7.70	0.00
6/4/2014 7:00	6.60	4.90	10.20	7.60	0.00
6/4/2014 7:15	6.60	5.00	10.00	6.10	0.50
6/4/2014 7:30	5.80	34.00	10.20	5.70	28.30
6/4/2014 7:45	5.70	4.50	103.50	5.90	0.00
6/4/2014 8:00	9.80	4.40	14.60	5.90	3.90
6/4/2014 8:15	13.80	5.70	5.60	4.40	9.40
6/4/2014 8:30	5.70	4.50	13.50	5.60	0.10
6/4/2014 8:45	5.80	4.60	13.00	5.50	0.30
6/4/2014 9:00	5.80	4.60	13.30	5.80	0.00
6/4/2014 9:15	5.50	4.50	12.70	6.10	0.00
6/4/2014 9:30	22.10	4.50	12.60	7.00	15.10
6/4/2014 9:45	5.20	4.60	12.50	6.00	0.00
6/4/2014 10:00	8.10	6.10	12.30	5.50	2.60
6/4/2014 10:15	13.80	4.60	12.30	6.50	7.30
6/4/2014 10:30	6.70	6.60	11.70	6.70	0.00
6/4/2014 10:45	5.20	5.70	13.00	7.70	0.00
6/4/2014 11:00	6.00	5.80	12.40	7.90	0.00
6/4/2014 11:15	7.60	6.10	12.40	6.40	1.20
6/4/2014 11:30	13.30	6.20	5.00	6.20	8.30
6/4/2014 11:45	12.50	4.40	13.50	7.00	5.50
6/4/2014 12:00	5.50	4.30	13.40	8.60	0.00
6/4/2014 12:15	5.00	4.70	13.30	8.60	0.00
6/4/2014 12:30	19.60	4.30	13.00	8.70	10.90
6/4/2014 12:45	79.80	4.40	12.60	43.30	67.20
6/4/2014 13:00	11.40	4.40	11.80	34.70	0.00
6/4/2014 13:15	5.20	4.40	11.20	25.90	0.00
6/4/2014 13:30	5.10	4.40	10.50	5.40	0.00
6/4/2014 13:45	5.40	4.40	9.80	7.20	0.00
6/4/2014 14:00	5.70	4.60	9.20	5.40	0.30
6/4/2014 14:15	5.90	4.90	9.00	5.30	0.60
6/4/2014 14:30	6.10	5.00	8.70	5.30	0.80
6/4/2014 14:45	6.40	5.00	8.50	5.40	1.00
6/4/2014 15:00	5.70	4.80	8.90	5.40	0.30
6/4/2014 15:15	7.40	4.90	8.90	5.40	2.00
6/4/2014 15:30	7.60	5.00	9.50	5.50	2.10
6/4/2014 15:45	7.00	4.40	9.90	5.50	1.50
6/4/2014 16:00	7.10	4.80	10.50	5.50	1.60
6/4/2014 16:15	7.90	5.00	10.60	5.50	2.40
6/4/2014 16:30	7.10	4.90	10.70	5.50	1.60
6/4/2014 16:45	10.90	5.60	2.60	2.60	8.30
6/4/2014 17:00	4.60	4.40	11.00	5.60	0.00
6/4/2014 17:15	7.50	5.80	11.10	6.20	1.30
6/4/2014 17:30	6.30	4.90	11.00	6.30	0.00
6/4/2014 17:45	8.00	5.20	11.10	6.40	1.60
6/4/2014 18:00	8.00	5.20	11.10	6.50	1.50
6/4/2014 18:15	8.10	5.20	11.10	6.40	1.70
6/4/2014 18:30	8.00	5.20	11.20	6.40	1.60
6/4/2014 18:45	7.90	5.20	11.30	6.40	1.50
6/4/2014 19:00	7.80	5.20	11.50	6.40	1.40
6/4/2014 19:15	7.80	5.30	11.60	6.40	1.40
6/4/2014 19:30	11.60	6.40	7.80	5.20	6.40
6/4/2014 19:45	7.60	5.30	11.80	6.30	1.30
6/4/2014 20:00	7.60	5.20	11.70	6.30	1.30
6/4/2014 20:15	11.70	6.50	7.60	5.20	6.50
6/4/2014 20:30	11.80	6.40	7.60	5.20	6.60
6/4/2014 20:45	11.70	6.50	7.60	5.20	6.50
6/4/2014 21:00	11.70	7.90	7.60	5.20	6.50
6/4/2014 21:15	11.70	6.90	7.60	5.20	6.50
6/4/2014 21:30	11.50	7.10	7.60	5.20	6.30
6/4/2014 21:45	7.40	5.10	11.60	7.10	0.30
6/4/2014 22:00	11.50	6.90	7.40	5.10	6.40
6/4/2014 22:15	11.60	7.10	7.40	5.10	6.50



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/4/2014 22:30	11.50	7.40	7.10	5.00	6.50
6/4/2014 22:45	6.80	4.80	11.60	7.20	0.00
6/4/2014 23:00	6.60	4.80	11.50	7.20	0.00
6/4/2014 23:15	6.60	4.80	11.40	7.30	0.00
6/4/2014 23:30	10.40	7.80	6.50	4.70	5.70
6/4/2014 23:45	10.00	8.00	6.20	4.70	5.30
6/5/2014 0:00	9.80	8.00	6.00	4.50	5.30
6/5/2014 0:15	5.90	4.40	9.60	9.00	0.00
6/5/2014 0:30	5.80	4.40	9.50	12.30	0.00
6/5/2014 0:45	9.50	6.20	5.70	4.30	5.20
6/5/2014 1:00	9.30	6.10	5.60	4.30	5.00
6/5/2014 1:15	8.90	6.20	5.50	4.30	4.60
6/5/2014 1:30	4.90	5.30	8.70	6.20	0.00
6/5/2014 1:45	8.60	6.10	4.90	4.00	4.60
6/5/2014 2:00	4.90	4.20	8.50	6.20	0.00
6/5/2014 2:15	8.50	6.20	4.90	4.20	4.30
6/5/2014 2:30	8.30	6.10	5.20	4.10	4.20
6/5/2014 2:45	8.50	6.10	5.00	4.20	4.30
6/5/2014 3:00	8.40	6.10	4.90	4.10	4.30
6/5/2014 3:15	8.40	6.10	4.90	3.90	4.50
6/5/2014 3:30	8.50	6.10	4.90	4.10	4.40
6/5/2014 3:45	8.50	6.00	4.90	4.00	4.50
6/5/2014 4:00	8.40	6.10	4.90	4.00	4.40
6/5/2014 4:15	9.30	6.10	4.80	3.90	5.40
6/5/2014 4:30	4.90	4.00	9.50	6.20	0.00
6/5/2014 4:45	9.60	6.20	5.10	4.10	5.50
6/5/2014 5:00	9.60	6.20	5.20	4.20	5.40
6/5/2014 5:15	9.70	6.30	5.20	4.20	5.50
6/5/2014 5:30	9.70	6.30	5.20	4.20	5.50
6/5/2014 5:45	9.60	6.40	5.30	4.20	5.40
6/5/2014 6:00	9.70	6.30	5.50	4.30	5.40
6/5/2014 6:15	9.80	6.30	6.10	4.40	5.40
6/5/2014 6:30	10.00	0.90	6.70	4.60	5.40
6/5/2014 6:45	10.20	-0.10	6.90	4.80	5.40
6/5/2014 7:00	10.50	-0.10	7.20	5.00	5.50
6/5/2014 7:15	10.60	-0.10	7.30	5.10	5.50
6/5/2014 7:30	10.70	0.00	7.30	5.30	5.40
6/5/2014 7:45	10.90	0.00	7.60	5.30	5.60
6/5/2014 8:00	13.60	0.10	8.00	5.30	8.30
6/5/2014 8:15	8.10	5.30	13.30	0.10	8.00
6/5/2014 8:30	13.20	6.10	8.20	5.30	7.90
6/5/2014 8:45	13.10	6.20	8.20	5.30	7.80
6/5/2014 9:00	15.40	6.20	8.40	5.30	10.10
6/5/2014 9:15	37.60	6.10	8.70	5.20	32.40
6/5/2014 9:30	41.40	6.20	8.90	5.20	36.20
6/5/2014 9:45	9.00	5.20	47.70	6.10	2.90
6/5/2014 10:00	9.00	5.20	41.50	6.10	2.90
6/5/2014 10:15	9.00	5.10	39.50	6.00	3.00
6/5/2014 10:30	9.10	5.10	39.10	6.10	3.00
6/5/2014 10:45	42.40	6.10	9.10	5.10	37.30
6/5/2014 11:00	9.20	5.10	42.60	6.10	3.10
6/5/2014 11:15	9.20	5.10	27.10	6.10	3.10
6/5/2014 11:30	12.30	6.10	9.20	5.10	7.20
6/5/2014 11:45	11.80	6.00	9.20	5.10	6.70
6/5/2014 12:00	9.20	5.10	11.70	6.00	3.20
6/5/2014 12:15	9.20	5.00	11.70	5.90	3.30
6/5/2014 12:30	11.80	6.00	9.20	5.00	6.80
6/5/2014 12:45	9.40	5.00	12.00	5.90	3.50
6/5/2014 13:00	9.40	5.00	13.60	6.00	3.40
6/5/2014 13:15	6.40	5.00	14.20	5.90	0.50
6/5/2014 13:30	0.70	5.00	14.40	5.90	0.00
6/5/2014 13:45	14.50	5.90	0.50	5.00	14.00
6/5/2014 14:00	0.30	5.00	14.40	5.90	0.00
6/5/2014 14:15	0.20	5.00	14.20	5.80	0.00
6/5/2014 14:30	14.20	5.80	0.10	5.00	14.10
6/5/2014 14:45	0.10	5.00	14.30	5.80	0.00
6/5/2014 15:00	14.70	5.80	0.10	5.00	0.00
6/5/2014 15:15	14.80	5.90	0.00	5.00	14.80
6/5/2014 15:30	0.10	5.10	14.90	5.90	0.00
6/5/2014 15:45	14.80	5.90	0.60	5.10	14.20
6/5/2014 16:00	9.40	5.20	14.60	5.90	3.50
6/5/2014 16:15	9.30	5.20	14.50	6.00	3.30
6/5/2014 16:30	14.30	6.10	10.50	5.20	9.10
6/5/2014 16:45	14.30	6.10	9.40	5.30	9.00
6/5/2014 17:00	14.30	6.00	9.40	5.30	9.00
6/5/2014 17:15	9.40	5.30	14.40	6.00	3.40
6/5/2014 17:30	9.40	5.30	14.30	6.00	3.40
6/5/2014 17:45	14.20	6.10	9.30	5.40	8.80
6/5/2014 18:00	8.70	5.00	14.20	6.10	2.60
6/5/2014 18:15	9.30	5.70	14.20	6.10	3.20
6/5/2014 18:30	9.30	5.40	14.10	6.10	3.20
6/5/2014 18:45	14.20	6.20	9.20	5.90	8.30
6/5/2014 19:00	9.10	5.50	14.10	6.20	2.90
6/5/2014 19:15	14.10	6.20	9.00	5.40	8.70
6/5/2014 19:30	14.10	6.40	9.20	5.50	8.60
6/5/2014 19:45	9.10	5.60	14.10	6.50	2.60
6/5/2014 20:00	9.00	5.60	14.10	6.60	2.40
6/5/2014 20:15	14.10	6.50	9.10	5.60	8.50
6/5/2014 20:30	14.00	6.50	9.10	5.50	8.50



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/5/2014 20:45	14.00	6.60	9.00	5.60	8.40
6/5/2014 21:00	14.00	6.60	9.00	5.50	8.50
6/5/2014 21:15	14.00	6.60	8.90	5.60	8.40
6/5/2014 21:30	13.90	6.60	8.80	5.50	8.40
6/5/2014 21:45	13.80	6.50	8.70	5.50	8.30
6/5/2014 22:00	13.80	6.50	8.60	5.40	8.40
6/5/2014 22:15	8.50	5.40	13.60	6.50	2.00
6/5/2014 22:30	13.60	6.40	8.50	5.40	8.20
6/5/2014 22:45	13.60	6.40	8.00	5.20	8.40
6/5/2014 23:00	9.40	5.20	13.50	6.40	3.00
6/5/2014 23:15	13.50	6.40	7.50	5.20	8.30
6/5/2014 23:30	12.80	6.30	7.60	5.00	7.80
6/5/2014 23:45	10.30	6.20	7.70	5.30	5.00
6/6/2014 0:00	10.00	6.20	7.50	5.00	5.00
6/6/2014 0:15	9.60	6.20	7.20	4.90	4.70
6/6/2014 0:30	9.10	6.20	7.10	4.80	4.30
6/6/2014 0:45	9.00	6.20	7.00	4.80	4.20
6/6/2014 1:00	8.90	6.10	6.80	4.70	4.20
6/6/2014 1:15	6.70	4.70	8.90	6.10	0.60
6/6/2014 1:30	6.60	4.60	8.70	6.10	0.50
6/6/2014 1:45	6.50	4.60	8.80	6.10	0.40
6/6/2014 2:00	9.00	6.10	6.40	4.60	4.40
6/6/2014 2:15	8.60	6.10	6.40	4.60	4.00
6/6/2014 2:30	8.50	6.10	6.40	4.70	3.80
6/6/2014 2:45	8.90	6.10	6.50	4.60	4.30
6/6/2014 3:00	8.90	5.90	6.40	4.60	4.30
6/6/2014 3:15	6.40	4.60	8.80	5.90	0.50
6/6/2014 3:30	6.30	4.60	8.70	5.90	0.40
6/6/2014 3:45	8.70	5.90	6.30	4.60	4.10
6/6/2014 4:00	8.80	5.80	6.30	4.60	4.20
6/6/2014 4:15	8.70	5.90	6.20	4.60	4.10
6/6/2014 4:30	8.60	5.80	6.10	4.60	4.00
6/6/2014 4:45	8.60	5.90	6.10	4.60	4.00
6/6/2014 5:00	6.10	4.60	8.50	5.90	0.20
6/6/2014 5:15	8.70	5.90	6.00	4.60	4.10
6/6/2014 5:30	8.50	6.00	6.00	4.50	4.00
6/6/2014 5:45	8.40	5.90	6.00	4.50	3.90
6/6/2014 6:00	6.00	4.50	8.60	5.90	0.10
6/6/2014 6:15	9.00	5.70	5.90	4.50	4.50
6/6/2014 6:30	5.90	4.50	9.30	0.80	5.10
6/6/2014 6:45	9.70	0.00	5.90	4.60	5.10
6/6/2014 7:00	9.90	-0.10	6.10	4.60	5.30
6/6/2014 7:15	10.20	-0.10	6.20	4.70	5.50
6/6/2014 7:30	10.50	-0.10	6.40	4.70	5.80
6/6/2014 7:45	10.70	0.00	6.70	4.80	5.90
6/6/2014 8:00	11.20	-0.10	7.20	4.90	6.30
6/6/2014 8:15	11.30	0.20	7.60	5.20	6.10
6/6/2014 8:30	12.00	5.90	8.00	5.40	6.60
6/6/2014 8:45	13.00	5.90	8.70	5.30	7.70
6/6/2014 9:00	13.90	5.80	8.70	5.30	8.60
6/6/2014 9:15	8.80	5.20	13.90	5.90	2.90
6/6/2014 9:30	9.10	5.10	14.10	5.80	3.30
6/6/2014 9:45	14.30	5.80	9.00	5.10	9.20
6/6/2014 10:00	9.10	5.10	14.30	5.70	3.40
6/6/2014 10:15	9.20	5.10	14.40	5.70	3.50
6/6/2014 10:30	14.40	5.70	9.10	5.00	9.40
6/6/2014 10:45	14.50	5.80	9.90	5.00	9.50
6/6/2014 11:00	9.40	5.00	14.50	5.80	3.60
6/6/2014 11:15	9.30	5.00	14.40	5.70	3.60
6/6/2014 11:30	14.60	5.80	9.20	4.90	9.70
6/6/2014 11:45	14.50	5.80	9.30	4.90	9.60
6/6/2014 12:00	9.30	5.20	14.60	5.70	3.60
6/6/2014 12:15	9.30	5.00	14.40	5.70	3.60
6/6/2014 12:30	14.60	5.70	9.20	5.00	9.60
6/6/2014 12:45	14.50	5.80	9.30	5.00	9.50
6/6/2014 13:00	9.40	5.00	14.50	5.80	3.60
6/6/2014 13:15	5.80	5.10	14.60	5.80	0.00
6/6/2014 13:30	1.00	5.00	14.70	5.80	0.00
6/6/2014 13:45	0.60	5.00	14.60	5.80	0.00
6/6/2014 14:00	0.40	5.70	14.70	5.70	0.00
6/6/2014 14:15	14.30	5.70	0.20	5.10	14.10
6/6/2014 14:30	0.10	5.10	14.00	5.70	0.00
6/6/2014 14:45	0.10	5.20	14.30	5.70	0.00
6/6/2014 15:00	0.10	5.00	15.00	5.70	0.00
6/6/2014 15:15	0.10	5.10	14.90	5.70	0.00
6/6/2014 15:30	0.00	5.50	15.00	5.70	0.00
6/6/2014 15:45	14.90	5.70	0.60	5.10	14.30
6/6/2014 16:00	9.20	5.30	14.70	5.80	3.40
6/6/2014 16:15	14.70	5.90	9.40	5.90	8.80
6/6/2014 16:30	9.50	6.00	14.60	6.00	3.50
6/6/2014 16:45	14.50	6.00	9.50	5.30	9.20
6/6/2014 17:00	9.50	5.30	14.50	6.00	3.50
6/6/2014 17:15	9.50	5.30	14.50	5.90	3.60
6/6/2014 17:30	9.50	5.30	14.60	6.00	3.50
6/6/2014 17:45	9.50	5.30	14.40	6.00	3.50
6/6/2014 18:00	14.50	6.20	9.50	5.40	9.10
6/6/2014 18:15	14.40	6.20	9.50	5.30	9.10
6/6/2014 18:30	9.40	5.40	14.40	6.20	3.20
6/6/2014 18:45	14.30	6.30	9.30	5.40	8.90



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/6/2014 19:00	14.30	6.40	9.20	5.50	8.80
6/6/2014 19:15	9.10	5.50	14.30	6.30	2.80
6/6/2014 19:30	9.20	5.50	14.20	6.30	2.90
6/6/2014 19:45	9.10	5.50	14.30	6.50	2.60
6/6/2014 20:00	14.20	6.50	9.00	5.50	8.70
6/6/2014 20:15	14.20	6.50	9.10	5.50	8.70
6/6/2014 20:30	14.20	6.60	9.00	5.60	0.00
6/6/2014 20:45	8.90	5.60	14.20	6.60	2.30
6/6/2014 21:00	14.20	6.60	8.90	5.60	8.60
6/6/2014 21:15	14.10	6.60	8.90	5.50	8.60
6/6/2014 21:30	14.10	6.60	8.90	5.60	8.50
6/6/2014 21:45	8.90	5.50	14.10	6.20	2.70
6/6/2014 22:00	9.20	5.50	14.10	6.20	3.00
6/6/2014 22:15	14.10	6.30	8.80	5.50	8.60
6/6/2014 22:30	8.80	5.50	14.10	6.30	2.50
6/6/2014 22:45	8.80	5.60	14.10	6.30	2.50
6/6/2014 23:00	14.10	6.30	8.80	5.60	8.50
6/6/2014 23:15	8.80	5.60	14.00	6.30	2.50
6/6/2014 23:30	8.80	5.60	14.10	6.30	2.50
6/6/2014 23:45	14.10	6.30	8.80	5.60	8.50
6/7/2014 0:00	8.80	5.60	14.00	6.20	2.60
6/7/2014 0:15	14.00	6.20	8.70	5.60	8.40
6/7/2014 0:30	14.10	6.30	8.70	5.60	8.50
6/7/2014 0:45	14.00	6.30	8.80	5.60	8.40
6/7/2014 1:00	8.80	5.60	14.00	6.40	2.40
6/7/2014 1:15	8.80	5.50	14.00	6.30	2.50
6/7/2014 1:30	8.70	5.60	14.00	6.50	2.20
6/7/2014 1:45	14.00	6.70	8.70	5.50	8.50
6/7/2014 2:00	14.00	6.60	8.70	5.50	8.50
6/7/2014 2:15	8.70	5.50	14.00	6.60	2.10
6/7/2014 2:30	8.70	5.60	14.00	6.60	2.10
6/7/2014 2:45	13.90	6.60	8.80	5.50	8.40
6/7/2014 3:00	8.70	5.50	14.00	6.60	2.10
6/7/2014 3:15	8.70	5.50	14.00	6.60	2.10
6/7/2014 3:30	8.70	5.50	14.00	6.60	2.10
6/7/2014 3:45	8.60	5.50	13.90	6.60	2.00
6/7/2014 4:00	8.70	5.60	13.90	6.60	2.10
6/7/2014 4:15	13.90	6.60	8.70	5.60	8.30
6/7/2014 4:30	13.80	6.60	8.60	5.50	8.30
6/7/2014 4:45	8.50	5.50	13.60	6.60	1.90
6/7/2014 5:00	8.40	5.40	13.60	6.50	1.90
6/7/2014 5:15	8.50	5.50	13.70	6.30	2.20
6/7/2014 5:30	8.50	5.50	13.70	6.30	2.20
6/7/2014 5:45	13.70	6.40	8.60	5.50	8.20
6/7/2014 6:00	8.60	5.50	13.70	6.20	2.40
6/7/2014 6:15	13.80	6.30	8.60	5.50	8.30
6/7/2014 6:30	13.90	2.70	8.60	5.50	8.40
6/7/2014 6:45	8.70	5.50	14.00	0.00	8.70
6/7/2014 7:00	8.70	5.50	14.00	-0.10	8.80
6/7/2014 7:15	14.20	0.00	8.70	5.50	8.70
6/7/2014 7:30	14.20	0.00	8.70	5.50	8.70
6/7/2014 7:45	14.10	-0.10	8.70	5.50	0.00
6/7/2014 8:00	8.80	5.50	14.30	0.00	8.80
6/7/2014 8:15	8.80	5.50	14.30	0.30	8.50
6/7/2014 8:30	8.80	5.40	14.30	5.90	2.90
6/7/2014 8:45	14.40	5.80	8.80	5.30	9.10
6/7/2014 9:00	8.60	4.80	14.50	6.00	2.60
6/7/2014 9:15	8.90	5.20	14.50	6.00	2.90
6/7/2014 9:30	14.50	5.80	9.00	5.20	9.30
6/7/2014 9:45	8.80	4.70	14.40	5.90	2.90
6/7/2014 10:00	14.50	5.80	8.40	3.80	10.70
6/7/2014 10:15	7.70	3.50	14.50	5.80	1.90
6/7/2014 10:30	14.60	5.80	7.80	4.80	9.80
6/7/2014 10:45	14.60	5.80	9.00	4.90	9.70
6/7/2014 11:00	8.90	5.10	14.50	5.80	3.10
6/7/2014 11:15	7.70	4.00	14.50	5.80	1.90
6/7/2014 11:30	14.60	5.70	6.10	3.40	11.20
6/7/2014 11:45	14.80	5.80	4.70	3.90	10.90
6/7/2014 12:00	14.10	5.70	4.80	3.00	11.10
6/7/2014 12:15	14.50	5.70	4.10	1.80	12.70
6/7/2014 12:30	14.60	5.80	3.10	1.40	13.20
6/7/2014 12:45	3.40	1.50	14.80	6.10	0.00
6/7/2014 13:00	14.80	6.10	2.80	2.80	12.00
6/7/2014 13:15	14.70	6.10	3.40	3.90	11.30
6/7/2014 13:30	0.90	4.00	14.80	6.10	0.00
6/7/2014 13:45	14.70	6.10	0.60	3.40	14.10
6/7/2014 14:00	0.40	1.50	14.70	6.00	0.00
6/7/2014 14:15	0.20	2.30	14.60	6.10	0.00
6/7/2014 14:30	14.60	6.20	0.10	1.90	14.50
6/7/2014 14:45	14.60	6.20	0.20	1.80	14.40
6/7/2014 15:00	14.90	6.10	0.10	1.40	14.80
6/7/2014 15:15	14.90	6.20	0.40	1.70	14.50
6/7/2014 15:30	14.80	6.30	1.60	2.40	13.20
6/7/2014 15:45	14.80	6.30	6.20	4.40	10.40
6/7/2014 16:00	14.70	6.40	7.60	4.80	9.90
6/7/2014 16:15	9.10	5.30	14.50	6.40	2.70
6/7/2014 16:30	14.40	6.20	8.90	5.30	9.10
6/7/2014 16:45	14.70	6.20	9.10	5.30	9.40
6/7/2014 17:00	14.50	6.20	9.20	5.40	9.10



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/7/2014 17:15	9.20	6.40	14.40	6.20	3.00
6/7/2014 17:30	8.60	5.10	14.40	6.20	2.40
6/7/2014 17:45	9.00	5.40	14.50	6.20	2.80
6/7/2014 18:00	14.70	6.20	9.20	5.50	9.20
6/7/2014 18:15	14.50	6.40	9.20	5.60	8.90
6/7/2014 18:30	14.30	6.40	9.10	5.50	8.80
6/7/2014 18:45	14.30	6.40	9.10	5.50	8.80
6/7/2014 19:00	9.00	5.50	14.30	6.50	2.50
6/7/2014 19:15	9.00	5.50	14.20	6.60	2.40
6/7/2014 19:30	9.00	5.50	14.20	6.50	2.50
6/7/2014 19:45	14.30	6.50	9.00	5.50	8.80
6/7/2014 20:00	9.00	5.50	14.10	6.50	2.50
6/7/2014 20:15	8.90	5.50	14.10	6.40	2.50
6/7/2014 20:30	14.20	6.40	9.00	5.50	8.70
6/7/2014 20:45	8.90	5.50	14.10	6.50	2.40
6/7/2014 21:00	14.20	6.40	8.90	5.50	8.70
6/7/2014 21:15	14.20	6.50	8.90	5.50	8.70
6/7/2014 21:30	9.00	5.50	14.10	6.50	2.50
6/7/2014 21:45	14.10	6.50	8.90	5.60	8.50
6/7/2014 22:00	14.10	6.40	8.90	5.50	8.60
6/7/2014 22:15	8.90	5.50	14.00	6.50	2.40
6/7/2014 22:30	8.80	5.50	13.50	6.50	2.30
6/7/2014 22:45	11.50	6.30	8.50	5.30	6.20
6/7/2014 23:00	6.20	4.30	10.30	15.70	0.00
6/7/2014 23:15	5.30	4.40	9.60	12.70	0.00
6/7/2014 23:30	4.60	4.50	9.00	8.30	0.00
6/7/2014 23:45	8.80	100.40	14.70	5.70	94.70
6/8/2014 0:00	8.20	5.30	4.90	29.70	3.30
6/8/2014 0:15	4.80	4.00	8.00	11.10	0.00
6/8/2014 0:30	4.90	4.10	7.80	5.70	0.00
6/8/2014 0:45	4.50	4.00	8.30	5.50	0.00
6/8/2014 1:00	4.50	4.90	8.00	5.90	0.00
6/8/2014 1:15	4.50	3.90	7.80	5.60	0.00
6/8/2014 1:30	7.80	21.20	4.50	3.90	17.30
6/8/2014 1:45	7.60	802.60	4.60	4.50	798.10
6/8/2014 2:00	7.50	1056.30	5.50	4.00	1052.30
6/8/2014 2:15	4.60	4.00	7.30	1056.40	0.00
6/8/2014 2:30	41.90	4.00	7.50	313.40	34.40
6/8/2014 2:45	6.30	4.50	11.90	176.90	0.00
6/8/2014 3:00	9.90	10.30	8.60	17.80	1.70
6/8/2014 3:15	6.50	4.30	14.40	12.30	0.00
6/8/2014 3:30	7.80	9.20	30.50	9.80	0.00
6/8/2014 3:45	15.10	4.40	9.10	5.60	9.50
6/8/2014 4:00	5.00	4.20	7.20	8.90	0.00
6/8/2014 4:15	4.80	4.10	6.90	8.60	0.00
6/8/2014 4:30	6.80	8.60	4.70	4.10	4.50
6/8/2014 4:45	4.70	4.00	6.80	8.40	0.00
6/8/2014 5:00	4.70	4.00	6.80	8.20	0.00
6/8/2014 5:15	4.70	4.00	6.90	8.10	0.00
6/8/2014 5:30	4.60	4.10	6.80	8.00	0.00
6/8/2014 5:45	6.80	7.90	4.60	4.30	3.60
6/8/2014 6:00	4.60	4.60	7.00	7.80	0.00
6/8/2014 6:15	7.10	7.80	5.10	5.00	2.80
6/8/2014 6:30	7.20	7.70	5.60	5.10	2.60
6/8/2014 6:45	7.50	7.70	6.10	5.20	2.50
6/8/2014 7:00	6.50	5.20	7.70	7.50	0.00
6/8/2014 7:15	7.90	7.60	6.90	5.20	2.70
6/8/2014 7:30	8.00	5.40	7.20	5.20	2.80
6/8/2014 7:45	7.40	5.20	8.30	1.20	6.20
6/8/2014 8:00	7.70	5.50	8.50	0.10	7.60
6/8/2014 8:15	9.40	5.30	7.90	5.50	3.90
6/8/2014 8:30	8.10	5.60	9.30	5.10	3.00
6/8/2014 8:45	9.50	5.30	8.30	5.60	3.90
6/8/2014 9:00	9.70	5.40	8.50	5.60	4.10
6/8/2014 9:15	9.60	5.60	8.80	5.60	4.00
6/8/2014 9:30	8.20	5.20	9.80	5.80	2.40
6/8/2014 9:45	9.90	5.80	8.30	5.50	4.40
6/8/2014 10:00	10.00	5.80	5.80	3.70	6.30
6/8/2014 10:15	10.10	5.80	6.20	3.50	6.60
6/8/2014 10:30	10.60	6.00	7.50	5.00	5.60
6/8/2014 10:45	11.00	5.90	8.50	5.30	5.70
6/8/2014 11:00	11.20	6.20	6.20	2.90	8.30
6/8/2014 11:15	11.60	6.00	3.50	2.20	9.40
6/8/2014 11:30	4.70	2.30	11.60	6.30	0.00
6/8/2014 11:45	11.70	6.40	8.80	4.50	7.20
6/8/2014 12:00	12.20	6.40	9.50	4.70	7.50
6/8/2014 12:15	12.60	6.20	3.90	2.00	10.60
6/8/2014 12:30	13.00	6.40	6.40	3.20	9.80
6/8/2014 12:45	13.50	6.40	1.70	1.40	12.10
6/8/2014 13:00	13.90	6.40	3.30	3.10	10.80
6/8/2014 13:15	13.70	6.40	1.90	3.00	11.80
6/8/2014 13:30	1.00	1.30	13.80	6.50	0.00
6/8/2014 13:45	1.00	1.20	13.80	6.50	0.00
6/8/2014 14:00	0.70	1.20	13.70	6.50	0.00
6/8/2014 14:15	0.30	2.40	13.80	6.50	0.00
6/8/2014 14:30	0.20	2.30	13.70	6.50	0.00
6/8/2014 14:45	14.00	6.50	0.20	2.40	13.80
6/8/2014 15:00	0.10	3.20	14.20	6.50	0.00
6/8/2014 15:15	0.10	3.70	14.20	6.50	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/8/2014 15:30	0.10	3.50	14.10	6.50	0.00
6/8/2014 15:45	0.90	5.10	14.20	6.50	0.00
6/8/2014 16:00	14.20	6.50	2.50	4.60	11.70
6/8/2014 16:15	3.50	4.80	14.10	6.60	0.00
6/8/2014 16:30	14.20	6.60	4.20	4.80	10.00
6/8/2014 16:45	4.30	5.10	14.10	6.70	0.00
6/8/2014 17:00	6.90	5.50	14.00	6.70	0.20
6/8/2014 17:15	8.50	5.50	14.10	6.70	1.80
6/8/2014 17:30	14.00	6.60	9.00	5.60	8.40
6/8/2014 17:45	9.00	5.60	14.10	6.70	2.30
6/8/2014 18:00	9.30	5.70	14.00	6.70	2.60
6/8/2014 18:15	14.10	6.70	9.00	5.60	8.50
6/8/2014 18:30	8.90	5.70	14.10	6.70	2.20
6/8/2014 18:45	14.00	7.10	10.50	5.70	8.30
6/8/2014 19:00	14.00	7.10	10.00	5.70	8.30
6/8/2014 19:15	14.00	7.20	9.10	5.70	8.30
6/8/2014 19:30	14.00	7.10	8.90	5.70	8.30
6/8/2014 19:45	14.00	7.20	8.80	5.70	8.30
6/8/2014 20:00	13.90	7.20	8.80	5.70	8.20
6/8/2014 20:15	8.80	5.80	13.90	7.20	1.60
6/8/2014 20:30	13.90	7.20	8.80	5.70	8.20
6/8/2014 20:45	8.90	5.80	13.90	7.20	1.70
6/8/2014 21:00	8.80	5.80	13.90	7.20	1.60
6/8/2014 21:15	13.90	7.20	8.80	5.80	8.10
6/8/2014 21:30	8.80	5.70	13.90	7.20	1.60
6/8/2014 21:45	8.70	5.80	13.90	7.20	1.50
6/8/2014 22:00	8.70	5.80	13.80	7.20	1.50
6/8/2014 22:15	13.90	7.30	8.70	5.80	8.10
6/8/2014 22:30	13.80	7.10	8.90	5.80	8.00
6/8/2014 22:45	8.70	5.80	13.80	7.20	1.50
6/8/2014 23:00	8.70	5.80	13.90	7.10	1.60
6/8/2014 23:15	13.90	7.10	8.70	5.80	8.10
6/8/2014 23:30	8.70	5.80	13.90	7.10	1.60
6/8/2014 23:45	8.70	5.80	13.90	7.10	1.60
6/9/2014 0:00	8.70	5.80	13.80	7.10	1.60
6/9/2014 0:15	8.70	5.70	13.90	7.10	1.60
6/9/2014 0:30	8.70	5.70	13.80	7.10	1.60
6/9/2014 0:45	8.70	5.80	13.90	7.10	1.60
6/9/2014 1:00	8.60	5.80	13.90	7.10	1.50
6/9/2014 1:15	13.80	7.10	8.60	5.70	8.10
6/9/2014 1:30	8.60	5.70	13.90	7.10	1.50
6/9/2014 1:45	8.60	5.70	13.90	7.10	1.50
6/9/2014 2:00	13.90	7.10	8.70	5.80	8.10
6/9/2014 2:15	13.90	7.40	8.60	5.80	8.10
6/9/2014 2:30	8.60	5.70	13.70	7.50	1.10
6/9/2014 2:45	13.80	7.50	8.60	5.80	8.00
6/9/2014 3:00	13.80	7.50	8.60	5.70	8.10
6/9/2014 3:15	13.80	7.20	8.70	5.70	8.10
6/9/2014 3:30	8.60	5.70	13.80	7.20	1.40
6/9/2014 3:45	8.60	5.70	13.80	7.20	1.40
6/9/2014 4:00	13.80	7.20	8.60	5.80	8.00
6/9/2014 4:15	8.60	5.70	13.80	7.20	1.40
6/9/2014 4:30	13.80	7.20	8.60	5.70	8.10
6/9/2014 4:45	13.70	7.20	8.60	5.80	7.90
6/9/2014 5:00	13.80	7.20	8.60	5.80	8.00
6/9/2014 5:15	13.70	7.20	8.60	5.70	8.00
6/9/2014 5:30	13.80	7.20	8.60	5.80	8.00
6/9/2014 5:45	13.70	7.20	8.60	5.70	8.00
6/9/2014 6:00	8.60	5.70	13.70	7.00	1.60
6/9/2014 6:15	13.80	7.00	8.70	5.80	8.00
6/9/2014 6:30	13.90	6.40	8.60	5.80	8.10
6/9/2014 6:45	8.60	5.70	13.90	0.10	8.50
6/9/2014 7:00	8.60	5.70	13.90	0.00	8.60
6/9/2014 7:15	13.80	-0.10	8.60	5.70	8.10
6/9/2014 7:30	14.10	-0.10	8.60	5.70	8.40
6/9/2014 7:45	8.70	5.70	14.20	-0.10	8.80
6/9/2014 8:00	8.70	5.70	14.10	-0.10	8.80
6/9/2014 8:15	14.10	0.50	8.70	5.70	8.40
6/9/2014 8:30	8.70	5.60	14.30	6.70	2.00
6/9/2014 8:45	14.20	6.70	8.70	5.60	8.60
6/9/2014 9:00	14.30	6.70	8.70	5.60	8.70
6/9/2014 9:15	14.20	6.70	8.80	5.50	8.70
6/9/2014 9:30	14.20	6.60	8.90	5.50	8.70
6/9/2014 9:45	9.00	5.40	14.30	6.30	2.70
6/9/2014 10:00	9.00	5.40	14.30	6.30	2.70
6/9/2014 10:15	9.10	5.40	14.50	6.30	2.80
6/9/2014 10:30	14.40	6.30	9.10	5.40	9.00
6/9/2014 10:45	14.50	6.30	9.10	5.40	9.10
6/9/2014 11:00	14.40	6.30	9.10	5.30	9.10
6/9/2014 11:15	14.40	6.30	9.10	5.30	9.10
6/9/2014 11:30	9.10	5.30	14.50	6.20	2.90
6/9/2014 11:45	14.40	6.20	9.70	5.30	9.10
6/9/2014 12:00	9.10	5.20	14.50	6.20	2.90
6/9/2014 12:15	9.20	5.10	14.40	6.20	3.00
6/9/2014 12:30	14.50	6.20	9.00	5.10	9.40
6/9/2014 12:45	14.50	6.20	8.80	5.00	9.50
6/9/2014 13:00	8.40	5.10	14.60	6.20	2.20
6/9/2014 13:15	14.70	6.20	4.10	5.00	10.60
6/9/2014 13:30	0.90	5.00	14.70	17.90	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/9/2014 13:45	14.70	6.50	0.70	3.10	14.00
6/9/2014 14:00	0.50	4.50	14.60	6.50	0.00
6/9/2014 14:15	0.30	4.50	14.50	6.50	0.00
6/9/2014 14:30	14.70	6.50	0.20	4.80	14.50
6/9/2014 14:45	0.10	3.70	14.60	6.50	0.00
6/9/2014 15:00	14.70	6.50	0.10	4.40	14.60
6/9/2014 15:15	14.70	6.50	0.10	5.00	14.60
6/9/2014 15:30	0.10	5.20	14.80	6.60	0.00
6/9/2014 15:45	14.70	6.60	1.00	5.10	13.70
6/9/2014 16:00	7.60	5.30	14.60	6.60	1.00
6/9/2014 16:15	7.90	5.30	14.40	6.70	1.20
6/9/2014 16:30	14.40	6.80	7.60	4.60	9.80
6/9/2014 16:45	7.70	4.50	14.40	6.70	1.00
6/9/2014 17:00	7.30	5.40	14.40	6.70	0.60
6/9/2014 17:15	14.40	13.20	8.90	5.50	8.90
6/9/2014 17:30	9.00	5.60	14.40	12.10	0.00
6/9/2014 17:45	9.10	5.60	14.20	10.60	0.00
6/9/2014 18:00	9.00	5.60	14.20	8.80	0.20
6/9/2014 18:15	14.20	9.70	9.00	5.60	8.60
6/9/2014 18:30	8.90	5.60	14.20	9.70	0.00
6/9/2014 18:45	8.90	5.70	14.20	8.50	0.40
6/9/2014 19:00	8.90	5.70	14.20	8.30	0.60
6/9/2014 19:15	14.10	7.30	9.00	5.70	8.40
6/9/2014 19:30	14.10	7.30	8.90	5.70	8.40
6/9/2014 19:45	8.90	5.80	14.10	7.40	1.50
6/9/2014 20:00	8.80	5.90	14.10	7.30	1.50
6/9/2014 20:15	8.80	5.80	14.10	7.40	1.40
6/9/2014 20:30	8.80	5.70	14.00	7.30	1.50
6/9/2014 20:45	14.00	7.30	8.80	5.80	8.20
6/9/2014 21:00	8.70	5.70	13.90	7.30	1.40
6/9/2014 21:15	8.70	5.70	13.90	7.30	1.40
6/9/2014 21:30	13.90	7.40	8.70	5.80	8.10
6/9/2014 21:45	13.90	7.30	8.70	5.70	8.20
6/9/2014 22:00	8.70	5.70	14.00	7.20	1.50
6/9/2014 22:15	8.70	5.80	14.00	7.40	1.30
6/9/2014 22:30	13.90	7.30	8.70	5.80	8.10
6/9/2014 22:45	8.70	5.70	13.90	7.30	1.40
6/9/2014 23:00	13.90	7.30	10.90	5.70	8.20
6/9/2014 23:15	8.70	5.70	13.90	7.40	1.30
6/9/2014 23:30	14.00	7.20	8.70	5.70	8.30
6/9/2014 23:45	8.70	5.80	14.00	7.40	1.30
6/10/2014 0:00	8.70	5.70	13.90	7.30	1.40
6/10/2014 0:15	13.90	7.30	8.70	5.70	8.20
6/10/2014 0:30	8.70	5.70	13.90	7.30	1.40
6/10/2014 0:45	8.70	5.70	13.90	7.00	1.70
6/10/2014 1:00	13.90	7.00	8.70	5.70	8.20
6/10/2014 1:15	13.90	7.00	8.70	5.70	8.20
6/10/2014 1:30	8.70	5.70	13.90	6.90	1.80
6/10/2014 1:45	8.70	5.70	14.00	6.90	1.80
6/10/2014 2:00	14.00	7.00	8.70	5.70	8.30
6/10/2014 2:15	13.90	6.90	8.70	5.80	8.10
6/10/2014 2:30	8.70	5.70	13.90	6.90	1.80
6/10/2014 2:45	8.60	5.70	13.90	6.90	1.70
6/10/2014 3:00	13.90	6.90	8.60	5.80	8.10
6/10/2014 3:15	13.90	6.90	8.70	5.80	8.10
6/10/2014 3:30	13.90	6.90	8.70	5.80	8.10
6/10/2014 3:45	13.90	6.90	8.60	5.80	8.10
6/10/2014 4:00	13.90	6.90	8.60	5.70	8.20
6/10/2014 4:15	13.90	7.00	8.70	5.70	8.20
6/10/2014 4:30	13.80	7.80	8.60	5.70	8.10
6/10/2014 4:45	13.80	7.50	8.60	5.70	8.10
6/10/2014 5:00	13.80	7.40	8.80	5.70	8.10
6/10/2014 5:15	13.80	7.40	8.60	5.70	8.10
6/10/2014 5:30	13.80	7.30	8.60	5.70	8.10
6/10/2014 5:45	8.60	5.70	13.80	7.30	1.30
6/10/2014 6:00	8.60	5.60	13.80	7.30	1.30
6/10/2014 6:15	13.80	7.30	8.60	5.60	8.20
6/10/2014 6:30	13.80	7.30	8.60	5.60	8.20
6/10/2014 6:45	8.60	5.60	13.70	7.20	1.40
6/10/2014 7:00	8.60	5.70	13.80	7.10	1.50
6/10/2014 7:15	13.40	7.20	8.60	5.60	7.80
6/10/2014 7:30	13.80	7.20	8.50	5.60	8.20
6/10/2014 7:45	13.90	7.10	8.60	5.60	8.30
6/10/2014 8:00	13.90	7.10	8.70	5.60	8.30
6/10/2014 8:15	8.60	5.60	13.80	7.10	1.50
6/10/2014 8:30	13.80	7.10	8.70	5.60	8.20
6/10/2014 8:45	8.50	5.60	13.70	7.10	1.40
6/10/2014 9:00	8.50	5.50	13.50	7.10	1.40
6/10/2014 9:15	13.80	6.90	8.40	5.50	8.30
6/10/2014 9:30	14.00	7.00	8.50	5.50	8.50
6/10/2014 9:45	14.00	7.00	8.00	5.00	9.00
6/10/2014 10:00	14.00	6.90	8.20	5.70	8.30
6/10/2014 10:15	8.70	5.60	14.10	7.00	1.70
6/10/2014 10:30	8.70	5.70	14.10	7.00	1.70
6/10/2014 10:45	14.10	7.00	8.70	5.50	8.60
6/10/2014 11:00	8.80	5.60	14.10	7.10	1.70
6/10/2014 11:15	12.80	6.80	8.70	5.60	7.20
6/10/2014 11:30	13.70	6.80	8.30	5.30	8.40
6/10/2014 11:45	8.10	5.30	13.60	6.80	1.30



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/10/2014 12:00	10.60	6.40	7.90	5.20	5.40
6/10/2014 12:15	10.10	11.70	6.40	5.40	6.30
6/10/2014 12:30	10.60	6.90	7.00	5.50	5.10
6/10/2014 12:45	6.90	5.20	11.20	6.70	0.20
6/10/2014 13:00	6.90	5.20	9.10	7.20	0.00
6/10/2014 13:15	8.90	6.80	6.80	4.80	4.10
6/10/2014 13:30	6.70	5.20	8.80	6.30	0.40
6/10/2014 13:45	8.50	6.90	8.90	5.50	3.00
6/10/2014 14:00	8.30	6.30	5.90	4.60	3.70
6/10/2014 14:15	10.00	8.20	8.50	9.60	1.50
6/10/2014 14:30	10.30	7.20	5.20	6.50	5.10
6/10/2014 14:45	5.00	12.80	9.40	6.90	5.90
6/10/2014 15:00	9.10	6.90	5.10	4.30	4.80
6/10/2014 15:15	9.20	6.90	5.60	4.50	4.70
6/10/2014 15:30	6.10	5.50	8.90	6.80	0.00
6/10/2014 15:45	8.50	6.00	6.40	5.10	3.40
6/10/2014 16:00	8.50	5.90	6.50	6.10	2.40
6/10/2014 16:15	8.60	5.90	6.90	5.30	3.30
6/10/2014 16:30	8.70	5.70	7.00	5.40	3.30
6/10/2014 16:45	6.60	5.10	8.30	8.70	0.00
6/10/2014 17:00	8.30	8.10	6.50	5.00	3.30
6/10/2014 17:15	8.30	7.90	6.60	5.00	3.30
6/10/2014 17:30	8.50	7.60	6.80	5.10	3.40
6/10/2014 17:45	6.80	5.30	8.40	7.20	0.00
6/10/2014 18:00	8.00	7.20	8.40	5.00	3.00
6/10/2014 18:15	8.20	7.20	5.80	4.80	3.40
6/10/2014 18:30	13.00	62.50	5.30	4.50	58.00
6/10/2014 18:45	15.70	9.30	113.50	8.80	6.90
6/10/2014 19:00	24.70	10.30	6.60	43.80	18.10
6/10/2014 19:15	9.70	48.40	5.40	5.00	43.40
6/10/2014 19:30	7.80	5.60	5.20	4.80	3.00
6/10/2014 19:45	5.60	4.50	7.90	6.60	0.00
6/10/2014 20:00	7.60	5.70	4.80	4.90	2.80
6/10/2014 20:15	7.80	5.70	19.00	4.20	3.60
6/10/2014 20:30	5.00	4.80	8.80	13.40	0.00
6/10/2014 20:45	5.40	6.50	7.40	48.80	0.00
6/10/2014 21:00	4.70	4.10	7.20	15.60	0.00
6/10/2014 21:15	7.30	13.20	6.20	4.10	9.10
6/10/2014 21:30	7.20	12.50	4.60	4.10	8.40
6/10/2014 21:45	4.70	4.00	7.10	10.30	0.00
6/10/2014 22:00	4.70	4.00	7.10	9.10	0.00
6/10/2014 22:15	7.10	8.80	4.70	4.00	4.80
6/10/2014 22:30	4.70	4.00	7.10	8.70	0.00
6/10/2014 22:45	4.70	4.00	7.20	8.70	0.00
6/10/2014 23:00	7.20	8.50	4.70	4.00	4.50
6/10/2014 23:15	4.70	4.00	7.20	5.40	0.00
6/10/2014 23:30	4.60	3.90	7.10	5.40	0.00
6/10/2014 23:45	4.60	3.90	7.10	5.30	0.00
6/11/2014 0:00	4.60	3.90	7.10	5.20	0.00
6/11/2014 0:15	7.10	5.20	4.60	4.00	3.10
6/11/2014 0:30	4.60	4.20	7.10	5.30	0.00
6/11/2014 0:45	4.60	4.20	7.20	5.50	0.00
6/11/2014 1:00	4.60	4.20	7.10	5.20	0.00
6/11/2014 1:15	4.60	4.20	7.10	5.30	0.00
6/11/2014 1:30	4.70	4.20	7.20	5.20	0.00
6/11/2014 1:45	7.20	6.70	4.70	4.20	3.00
6/11/2014 2:00	4.90	4.20	7.10	7.20	0.00
6/11/2014 2:15	4.70	4.10	7.10	6.70	0.00
6/11/2014 2:30	4.70	4.10	7.10	6.60	0.00
6/11/2014 2:45	4.70	4.10	7.20	6.10	0.00
6/11/2014 3:00	7.20	5.80	4.70	4.10	3.10
6/11/2014 3:15	7.50	5.30	4.80	4.10	3.40
6/11/2014 3:30	4.70	4.10	7.30	7.80	0.00
6/11/2014 3:45	5.10	4.10	7.70	9.00	0.00
6/11/2014 4:00	4.80	4.10	7.40	5.80	0.00
6/11/2014 4:15	7.30	5.60	4.70	4.00	3.30
6/11/2014 4:30	4.90	4.00	7.30	5.50	0.00
6/11/2014 4:45	7.20	5.50	4.70	4.00	3.20
6/11/2014 5:00	4.60	4.00	7.20	5.50	0.00
6/11/2014 5:15	4.80	4.00	7.10	5.70	0.00
6/11/2014 5:30	4.80	4.00	7.20	5.60	0.00
6/11/2014 5:45	4.60	4.10	7.20	5.30	0.00
6/11/2014 6:00	4.60	4.00	7.20	5.30	0.00
6/11/2014 6:15	7.10	5.30	4.60	4.00	3.10
6/11/2014 6:30	7.10	5.30	4.70	3.90	3.20
6/11/2014 6:45	4.90	4.00	7.20	5.10	0.00
6/11/2014 7:00	5.40	4.20	7.40	5.00	0.40
6/11/2014 7:15	5.70	4.30	7.40	5.00	0.70
6/11/2014 7:30	6.00	4.50	7.40	5.10	0.90
6/11/2014 7:45	6.50	4.70	7.50	5.00	1.50
6/11/2014 8:00	7.60	5.00	6.70	4.90	2.70
6/11/2014 8:15	7.60	5.00	7.20	5.00	2.60
6/11/2014 8:30	7.80	5.00	7.50	5.10	2.70
6/11/2014 8:45	8.20	5.20	8.10	5.10	3.10
6/11/2014 9:00	8.50	5.00	8.20	5.10	3.40
6/11/2014 9:15	8.40	5.10	8.40	5.10	3.30
6/11/2014 9:30	8.70	5.10	8.60	5.40	3.30
6/11/2014 9:45	9.80	5.20	8.70	5.40	4.40
6/11/2014 10:00	10.00	5.40	6.50	5.20	4.80



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(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/11/2014 10:15	9.90	6.00	8.70	5.70	4.20
6/11/2014 10:30	10.00	6.00	5.70	3.80	6.20
6/11/2014 10:45	10.00	6.00	6.30	5.20	4.80
6/11/2014 11:00	8.50	5.50	10.10	6.00	2.50
6/11/2014 11:15	7.80	4.80	9.90	5.90	1.90
6/11/2014 11:30	10.00	6.00	3.30	2.10	7.90
6/11/2014 11:45	3.70	2.80	10.40	6.00	0.00
6/11/2014 12:00	8.90	5.50	10.20	12.80	0.00
6/11/2014 12:15	10.30	6.00	7.80	5.00	5.30
6/11/2014 12:30	2.90	2.00	10.10	5.90	0.00
6/11/2014 12:45	10.20	6.00	8.70	5.50	4.70
6/11/2014 13:00	7.00	5.20	10.20	6.10	0.90
6/11/2014 13:15	10.10	6.10	11.70	4.50	5.60
6/11/2014 13:30	0.90	3.30	10.40	6.00	0.00
6/11/2014 13:45	10.80	6.00	0.50	1.30	10.30
6/11/2014 14:00	11.10	6.00	0.90	1.20	10.20
6/11/2014 14:15	11.50	5.50	2.10	2.40	9.40
6/11/2014 14:30	12.50	5.50	0.20	1.50	12.30
6/11/2014 14:45	0.10	3.20	13.00	5.50	0.00
6/11/2014 15:00	0.30	3.80	13.10	5.60	0.00
6/11/2014 15:15	0.50	3.20	13.20	5.70	0.00
6/11/2014 15:30	1.30	2.30	13.60	5.70	0.00
6/11/2014 15:45	13.70	5.80	8.00	5.10	8.60
6/11/2014 16:00	5.90	5.50	13.90	5.80	0.10
6/11/2014 16:15	9.00	5.60	13.60	6.00	3.00
6/11/2014 16:30	13.70	6.00	9.00	5.70	8.00
6/11/2014 16:45	7.50	5.50	13.80	5.90	1.60
6/11/2014 17:00	8.90	5.60	13.60	5.90	3.00
6/11/2014 17:15	13.60	6.00	8.90	5.60	8.00
6/11/2014 17:30	8.90	5.60	13.50	6.00	2.90
6/11/2014 17:45	13.60	6.00	8.90	5.70	7.90
6/11/2014 18:00	13.50	6.00	8.80	5.70	7.80
6/11/2014 18:15	13.60	6.00	8.80	5.70	7.90
6/11/2014 18:30	13.60	6.00	8.70	5.70	7.90
6/11/2014 18:45	8.80	5.70	13.40	6.00	2.80
6/11/2014 19:00	8.70	5.70	13.50	6.00	2.70
6/11/2014 19:15	8.70	5.70	13.40	6.00	2.70
6/11/2014 19:30	13.40	6.00	8.70	5.70	7.70
6/11/2014 19:45	8.70	5.70	13.40	6.00	2.70
6/11/2014 20:00	13.30	6.00	8.70	5.70	7.60
6/11/2014 20:15	8.60	5.60	13.10	6.00	2.60
6/11/2014 20:30	8.30	5.50	12.70	5.90	2.40
6/11/2014 20:45	8.00	5.30	11.70	5.90	2.10
6/11/2014 21:00	10.80	6.00	7.60	5.10	5.70
6/11/2014 21:15	10.40	5.80	7.00	4.80	5.60
6/11/2014 21:30	6.70	4.60	10.30	5.90	0.80
6/11/2014 21:45	6.60	4.60	10.40	6.00	0.60
6/11/2014 22:00	10.60	5.90	6.60	4.70	5.90
6/11/2014 22:15	10.60	5.90	7.00	5.00	5.60
6/11/2014 22:30	7.50	5.20	10.80	6.10	1.40
6/11/2014 22:45	10.80	5.90	7.80	5.30	5.50
6/11/2014 23:00	10.80	6.00	7.90	5.30	5.50
6/11/2014 23:15	10.70	5.90	7.90	5.30	5.40
6/11/2014 23:30	8.00	5.40	10.70	6.00	2.00
6/11/2014 23:45	10.60	6.00	8.00	5.40	5.20
6/12/2014 0:00	8.10	5.40	10.50	6.00	2.10
6/12/2014 0:15	10.30	5.90	8.10	5.40	4.90
6/12/2014 0:30	10.30	5.90	8.10	5.40	4.90
6/12/2014 0:45	8.10	5.40	10.10	5.80	2.30
6/12/2014 1:00	8.20	5.40	10.10	5.90	2.30
6/12/2014 1:15	8.20	5.50	10.00	5.80	2.40
6/12/2014 1:30	8.00	5.30	9.70	5.80	2.20
6/12/2014 1:45	9.50	5.80	7.50	4.90	4.60
6/12/2014 2:00	9.40	5.90	7.20	4.80	0.00
6/12/2014 2:15	7.20	5.10	9.50	5.80	1.40
6/12/2014 2:30	9.50	5.80	7.50	5.20	4.30
6/12/2014 2:45	7.80	5.30	9.70	5.80	2.00
6/12/2014 3:00	8.00	5.30	9.80	5.80	2.20
6/12/2014 3:15	9.70	5.80	7.20	5.00	4.70
6/12/2014 3:30	9.60	5.80	7.10	5.00	4.60
6/12/2014 3:45	7.00	5.00	9.90	5.80	1.20
6/12/2014 4:00	7.00	4.90	9.70	5.70	1.30
6/12/2014 4:15	7.00	5.20	9.50	5.70	1.30
6/12/2014 4:30	7.00	4.80	9.60	5.80	1.20
6/12/2014 4:45	9.40	5.70	7.00	4.80	4.60
6/12/2014 5:00	9.10	5.70	6.50	4.60	4.50
6/12/2014 5:15	9.10	5.70	6.60	4.70	4.40
6/12/2014 5:30	6.90	4.80	9.00	5.80	1.10
6/12/2014 5:45	9.10	5.70	6.80	4.80	4.30
6/12/2014 6:00	6.60	4.70	8.90	5.60	1.00
6/12/2014 6:15	9.00	5.70	6.70	4.70	4.30
6/12/2014 6:30	9.00	5.70	6.50	4.80	4.20
6/12/2014 6:45	6.60	4.80	9.00	5.60	1.00
6/12/2014 7:00	6.60	4.80	9.30	5.70	0.90
6/12/2014 7:15	9.30	5.60	6.80	4.90	4.40
6/12/2014 7:30	7.10	4.90	9.60	5.60	1.50
6/12/2014 7:45	7.40	5.00	9.80	5.60	1.80
6/12/2014 8:00	10.50	1.10	8.00	5.20	5.30
6/12/2014 8:15	10.90	5.30	8.30	5.40	5.50



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/12/2014 8:30	11.40	5.10	8.60	5.40	6.00
6/12/2014 8:45	12.50	5.70	8.60	5.60	6.90
6/12/2014 9:00	12.80	5.70	8.60	5.40	7.40
6/12/2014 9:15	11.30	5.70	8.70	5.30	6.00
6/12/2014 9:30	19.00	28.40	8.80	5.30	23.10
6/12/2014 9:45	8.90	5.40	14.00	8.10	0.80
6/12/2014 10:00	14.10	7.70	9.00	5.40	8.70
6/12/2014 10:15	9.00	5.40	14.20	7.00	2.00
6/12/2014 10:30	14.30	6.50	9.10	5.30	9.00
6/12/2014 10:45	14.00	0.50	9.10	5.30	8.70
6/12/2014 11:00	9.10	5.20	14.40	1.00	8.10
6/12/2014 11:15	14.00	1.50	9.00	5.20	8.80
6/12/2014 11:30	9.10	5.10	14.00	2.20	6.90
6/12/2014 11:45	14.20	3.00	9.70	5.20	9.00
6/12/2014 12:00	14.20	3.90	10.10	5.20	9.00
6/12/2014 12:15	8.80	5.10	14.30	7.80	1.00
6/12/2014 12:30	12.40	7.60	8.80	2.40	10.00
6/12/2014 12:45	11.40	7.10	3.10	2.40	9.00
6/12/2014 13:00	8.70	7.10	3.00	2.60	6.10
6/12/2014 13:15	3.50	2.00	10.80	7.20	0.00
6/12/2014 13:30	11.10	7.20	1.50	3.30	9.60
6/12/2014 13:45	2.50	2.40	14.20	7.30	0.00
6/12/2014 14:00	14.20	7.40	9.10	5.90	8.30
6/12/2014 14:15	14.20	7.40	9.10	5.70	8.50
6/12/2014 14:30	14.10	7.40	9.10	5.60	8.50
6/12/2014 14:45	14.10	7.40	9.00	5.50	8.60
6/12/2014 15:00	14.20	7.40	8.20	5.40	8.80
6/12/2014 15:15	8.20	5.10	14.00	7.40	0.80
6/12/2014 15:30	0.50	2.00	6.30	7.30	0.00
6/12/2014 15:45	14.00	7.40	1.60	2.10	12.40
6/12/2014 16:00	14.20	7.30	2.20	3.60	12.00
6/12/2014 16:15	13.80	7.30	2.50	2.20	11.60
6/12/2014 16:30	14.20	6.80	2.60	2.30	11.90
6/12/2014 16:45	14.10	6.90	4.20	5.00	9.90
6/12/2014 17:00	5.50	5.00	14.00	6.90	0.00
6/12/2014 17:15	14.30	6.90	7.70	5.80	8.50
6/12/2014 17:30	8.90	5.50	14.00	6.90	2.00
6/12/2014 17:45	14.10	7.10	9.00	5.50	8.60
6/12/2014 18:00	14.20	7.00	9.00	5.50	8.70
6/12/2014 18:15	14.10	7.00	9.00	5.50	8.60
6/12/2014 18:30	9.00	5.60	14.10	6.90	2.10
6/12/2014 18:45	8.90	5.60	14.00	7.00	1.90
6/12/2014 19:00	14.00	7.10	8.90	5.60	8.40
6/12/2014 19:15	14.10	7.00	9.00	5.60	8.50
6/12/2014 19:30	14.00	6.90	8.90	5.60	8.40
6/12/2014 19:45	8.90	5.60	14.00	7.10	1.80
6/12/2014 20:00	8.90	5.50	13.90	7.10	1.80
6/12/2014 20:15	13.90	8.60	8.90	5.60	8.30
6/12/2014 20:30	13.90	30.30	8.90	5.60	24.70
6/12/2014 20:45	8.90	5.60	13.90	28.10	0.00
6/12/2014 21:00	13.90	8.10	8.90	5.70	8.20
6/12/2014 21:15	8.90	5.70	13.80	8.10	0.80
6/12/2014 21:30	8.90	5.80	14.00	8.10	0.80
6/12/2014 21:45	14.00	8.10	8.90	5.70	8.30
6/12/2014 22:00	8.80	5.70	13.80	8.10	0.70
6/12/2014 22:15	8.80	5.70	13.90	8.20	0.60
6/12/2014 22:30	13.80	8.10	8.90	5.70	8.10
6/12/2014 22:45	8.80	5.70	13.80	8.20	0.60
6/12/2014 23:00	13.80	8.10	8.80	5.70	0.00
6/12/2014 23:15	13.70	8.20	8.80	5.70	8.00
6/12/2014 23:30	13.80	8.20	8.80	5.70	8.10
6/12/2014 23:45	13.80	8.20	8.80	5.80	8.00
6/13/2014 0:00	13.80	8.40	8.80	5.70	8.10
6/13/2014 0:15	13.80	8.40	8.80	5.70	8.10
6/13/2014 0:30	13.70	8.40	8.70	5.80	7.90
6/13/2014 0:45	8.70	5.80	13.70	8.40	0.30
6/13/2014 1:00	13.80	8.50	8.70	5.80	8.00
6/13/2014 1:15	13.80	8.50	8.70	5.80	8.00
6/13/2014 1:30	8.70	5.80	13.70	8.30	0.40
6/13/2014 1:45	13.70	8.40	8.70	5.80	7.90
6/13/2014 2:00	8.70	5.70	13.70	8.50	0.20
6/13/2014 2:15	8.70	5.70	13.70	8.40	0.30
6/13/2014 2:30	13.80	8.50	8.70	5.70	8.10
6/13/2014 2:45	13.80	8.50	8.70	5.70	8.10
6/13/2014 3:00	8.70	5.70	13.70	8.50	0.20
6/13/2014 3:15	13.80	8.50	8.70	5.80	8.00
6/13/2014 3:30	8.70	5.80	13.70	8.50	0.20
6/13/2014 3:45	8.70	5.70	13.70	30.40	0.00
6/13/2014 4:00	8.70	5.80	13.70	15.10	0.00
6/13/2014 4:15	13.70	15.90	8.60	5.70	10.20
6/13/2014 4:30	13.70	15.80	8.70	5.70	10.10
6/13/2014 4:45	13.70	15.60	8.70	5.80	9.80
6/13/2014 5:00	13.80	15.40	8.60	5.80	9.60
6/13/2014 5:15	13.70	14.30	8.70	5.80	8.50
6/13/2014 5:30	8.60	5.80	13.60	14.00	0.00
6/13/2014 5:45	8.70	5.80	13.70	12.90	0.00
6/13/2014 6:00	8.60	5.80	13.60	12.80	0.00
6/13/2014 6:15	8.60	5.80	13.60	12.80	0.00
6/13/2014 6:30	13.60	12.90	8.60	5.90	7.70



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(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/13/2014 6:45	13.60	13.10	8.60	5.90	7.70
6/13/2014 7:00	8.70	5.80	13.70	13.50	0.00
6/13/2014 7:15	8.70	5.80	13.70	8.80	0.00
6/13/2014 7:30	13.60	7.60	8.70	5.90	7.70
6/13/2014 7:45	8.70	5.70	13.60	7.50	1.20
6/13/2014 8:00	8.70	5.80	13.70	6.00	2.70
6/13/2014 8:15	13.60	7.50	8.70	5.70	7.90
6/13/2014 8:30	13.50	7.60	8.70	5.60	7.90
6/13/2014 8:45	13.80	7.50	8.70	5.60	8.20
6/13/2014 9:00	8.70	5.60	14.40	7.50	1.20
6/13/2014 9:15	14.60	7.40	8.80	5.50	9.10
6/13/2014 9:30	14.60	7.50	8.90	5.70	8.90
6/13/2014 9:45	14.70	7.40	9.00	5.50	9.20
6/13/2014 10:00	14.70	7.40	9.00	6.30	8.40
6/13/2014 10:15	14.60	7.30	9.00	5.50	9.10
6/13/2014 10:30	14.60	7.30	9.00	5.80	8.80
6/13/2014 10:45	14.70	0.30	9.00	5.50	9.20
6/13/2014 11:00	14.60	7.30	9.10	5.40	9.20
6/13/2014 11:15	14.10	7.10	9.20	5.40	8.70
6/13/2014 11:30	9.20	5.40	14.00	7.20	2.00
6/13/2014 11:45	4.90	7.10	3.40	5.40	3.70
6/13/2014 12:00	9.10	5.50	14.30	7.20	1.90
6/13/2014 12:15	14.60	3.80	9.30	5.40	9.20
6/13/2014 12:30	9.20	5.60	12.70	3.20	6.00
6/13/2014 12:45	9.30	5.40	14.20	7.20	2.10
6/13/2014 13:00	9.40	6.10	14.30	7.30	2.10
6/13/2014 13:15	14.80	7.20	9.20	5.70	9.10
6/13/2014 13:30	7.70	12.50	7.10	6.50	6.00
6/13/2014 13:45	7.40	6.60	7.90	9.60	0.00
6/13/2014 14:00	7.40	12.60	8.50	9.90	4.10
6/13/2014 14:15	8.40	10.70	7.90	10.50	2.80
6/13/2014 14:30	7.80	8.80	13.00	11.60	0.00
6/13/2014 14:45	7.50	9.70	10.20	12.30	0.00
6/13/2014 15:00	12.50	11.20	9.90	9.40	3.10
6/13/2014 15:15	8.20	9.20	11.30	10.20	0.00
6/13/2014 15:30	7.30	6.50	10.30	10.00	0.00
6/13/2014 15:45	6.60	8.90	10.10	9.70	0.00
6/13/2014 16:00	6.90	7.00	9.40	9.10	0.00
6/13/2014 16:15	10.70	6.90	8.30	9.00	2.40
6/13/2014 16:30	12.00	21.50	8.50	7.20	14.30
6/13/2014 16:45	11.30	9.90	8.80	7.10	4.20
6/13/2014 17:00	12.60	10.60	8.50	7.30	5.30
6/13/2014 17:15	8.50	7.10	28.00	8.80	0.00
6/13/2014 17:30	12.10	9.30	8.40	6.50	5.60
6/13/2014 17:45	15.10	19.20	8.60	6.10	13.10
6/13/2014 18:00	15.90	7.80	8.90	6.20	9.70
6/13/2014 18:15	9.30	6.10	16.80	10.20	0.00
6/13/2014 18:30	13.60	9.30	9.30	6.10	7.50
6/13/2014 18:45	20.00	26.30	10.20	6.70	19.60
6/13/2014 19:00	25.30	40.40	9.90	6.20	34.20
6/13/2014 19:15	24.90	43.80	9.70	6.30	37.50
6/13/2014 19:30	23.50	33.60	9.20	6.40	27.20
6/13/2014 19:45	23.50	37.60	9.40	6.00	31.60
6/13/2014 20:00	17.90	24.80	8.50	5.70	19.10
6/13/2014 20:15	19.20	12.60	9.20	5.70	13.50
6/13/2014 20:30	24.90	28.70	9.10	5.80	22.90
6/13/2014 20:45	17.10	29.30	10.40	5.70	23.60
6/13/2014 21:00	16.90	30.30	9.80	5.80	24.50
6/13/2014 21:15	14.10	5.90	27.20	24.40	0.00
6/13/2014 21:30	13.50	22.90	18.40	5.70	17.20
6/13/2014 21:45	14.80	26.30	17.80	5.70	20.60
6/13/2014 22:00	13.60	39.50	21.20	5.80	33.70
6/13/2014 22:15	17.10	5.50	11.20	32.60	5.90
6/13/2014 22:30	8.50	5.70	12.80	10.80	0.00
6/13/2014 22:45	10.90	6.00	29.00	20.90	0.00
6/13/2014 23:00	10.40	5.70	33.50	41.70	0.00
6/13/2014 23:15	21.90	75.90	13.00	6.00	69.90
6/13/2014 23:30	25.40	62.10	11.40	5.20	56.90
6/13/2014 23:45	13.30	5.30	37.40	46.90	0.00
6/14/2014 0:00	29.00	53.50	12.40	5.40	48.10
6/14/2014 0:15	28.10	46.20	15.00	5.40	40.80
6/14/2014 0:30	23.00	26.00	16.10	5.20	20.80
6/14/2014 0:45	25.00	94.20	15.90	5.30	88.90
6/14/2014 1:00	33.60	55.10	16.20	5.30	49.80
6/14/2014 1:15	38.00	55.70	15.20	5.30	50.40
6/14/2014 1:30	31.00	47.10	15.10	5.50	41.60
6/14/2014 1:45	17.20	5.60	17.10	45.90	0.10
6/14/2014 2:00	14.40	5.40	30.30	32.60	0.00
6/14/2014 2:15	33.80	22.90	9.70	5.70	28.10
6/14/2014 2:30	62.20	23.10	8.60	5.50	56.70
6/14/2014 2:45	10.50	5.70	48.50	16.60	0.00
6/14/2014 3:00	10.60	5.40	33.80	19.70	0.00
6/14/2014 3:15	10.40	5.40	26.90	41.80	0.00
6/14/2014 3:30	28.50	41.30	10.20	5.30	36.00
6/14/2014 3:45	33.40	63.40	11.10	5.10	58.30
6/14/2014 4:00	9.10	5.00	49.10	37.80	0.00
6/14/2014 4:15	40.10	7.20	9.30	5.00	35.10
6/14/2014 4:30	7.00	5.00	30.20	20.50	0.00
6/14/2014 4:45	29.20	64.70	8.80	5.00	59.70



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/14/2014 5:00	26.70	65.70	10.90	5.20	60.50
6/14/2014 5:15	11.40	5.00	21.90	36.10	0.00
6/14/2014 5:30	28.00	45.70	13.20	5.10	40.60
6/14/2014 5:45	14.20	5.40	18.00	53.00	0.00
6/14/2014 6:00	23.20	40.60	12.70	7.20	33.40
6/14/2014 6:15	32.10	42.10	11.30	6.60	35.50
6/14/2014 6:30	17.60	5.60	33.60	36.10	0.00
6/14/2014 6:45	37.30	20.10	24.10	6.70	30.60
6/14/2014 7:00	13.00	4.90	32.10	19.00	0.00
6/14/2014 7:15	20.40	5.50	36.70	27.70	0.00
6/14/2014 7:30	34.30	12.60	16.90	5.30	29.00
6/14/2014 7:45	13.40	6.00	20.00	21.80	0.00
6/14/2014 8:00	23.30	17.00	11.90	4.90	18.40
6/14/2014 8:15	13.60	5.00	31.60	57.10	0.00
6/14/2014 8:30	24.10	19.20	14.60	5.30	18.80
6/14/2014 8:45	14.80	4.90	23.10	56.00	0.00
6/14/2014 9:00	21.00	29.40	13.30	4.90	24.50
6/14/2014 9:15	27.50	52.10	12.00	5.20	46.90
6/14/2014 9:30	20.00	56.10	13.30	4.90	51.20
6/14/2014 9:45	18.70	19.50	14.90	4.80	14.70
6/14/2014 10:00	13.00	5.00	69.40	64.10	0.00
6/14/2014 10:15	15.10	5.20	57.20	71.20	0.00
6/14/2014 10:30	34.70	59.60	13.30	5.20	54.40
6/14/2014 10:45	9.40	5.70	31.40	69.90	0.00
6/14/2014 11:00	49.90	65.60	9.90	6.80	58.80
6/14/2014 11:15	56.60	64.40	11.50	6.50	57.90
6/14/2014 11:30	72.60	20.00	10.20	5.90	66.70
6/14/2014 11:45	32.00	64.50	9.90	5.40	59.10
6/14/2014 12:00	47.40	41.70	9.50	5.40	42.00
6/14/2014 12:15	33.70	30.80	10.50	5.30	28.40
6/14/2014 12:30	77.40	20.30	9.30	5.20	72.20
6/14/2014 12:45	75.60	47.00	8.50	5.70	69.90
6/14/2014 13:00	72.40	9.60	8.30	5.20	0.00
6/14/2014 13:15	8.50	4.80	32.80	15.40	0.00
6/14/2014 13:30	35.20	93.30	8.50	4.90	88.40
6/14/2014 13:45	8.90	5.10	33.40	109.60	0.00
6/14/2014 14:00	83.20	62.50	10.60	7.50	75.70
6/14/2014 14:15	47.90	95.70	11.40	5.20	90.50
6/14/2014 14:30	74.80	12.00	13.20	7.90	66.90
6/14/2014 14:45	48.90	15.90	13.40	7.80	41.10
6/14/2014 15:00	49.40	19.40	13.60	8.80	40.60
6/14/2014 15:15	36.90	56.40	13.40	7.80	48.60
6/14/2014 15:30	38.40	55.90	13.10	5.40	50.50
6/14/2014 15:45	64.70	53.70	13.00	5.30	59.40
6/14/2014 16:00	25.20	21.00	12.70	5.30	19.90
6/14/2014 16:15	16.80	39.90	13.30	6.00	33.90
6/14/2014 16:30	10.60	5.60	15.30	41.90	0.00
6/14/2014 16:45	43.50	59.70	12.40	10.50	49.20
6/14/2014 17:00	61.50	22.20	12.40	13.70	49.10
6/14/2014 17:15	16.90	27.10	12.50	16.80	14.60
6/14/2014 17:30	20.30	22.80	14.30	15.50	8.50
6/14/2014 17:45	13.90	20.00	14.60	12.30	7.70
6/14/2014 18:00	15.50	11.80	29.40	26.20	0.00
6/14/2014 18:15	25.60	46.90	15.30	12.90	34.00
6/14/2014 18:30	15.20	15.30	27.50	50.90	0.00
6/14/2014 18:45	25.90	37.00	14.30	14.80	22.70
6/14/2014 19:00	16.00	12.10	16.50	25.70	0.00
6/14/2014 19:15	12.90	14.40	27.70	34.00	0.00
6/14/2014 19:30	18.20	27.10	12.20	12.10	15.00
6/14/2014 19:45	15.30	33.30	16.40	10.60	22.70
6/14/2014 20:00	24.00	23.80	17.10	10.70	13.30
6/14/2014 20:15	25.40	24.60	14.00	10.30	15.10
6/14/2014 20:30	14.80	10.30	27.50	21.30	0.00
6/14/2014 20:45	22.30	17.50	12.30	9.80	12.50
6/14/2014 21:00	12.90	10.10	19.90	25.40	0.00
6/14/2014 21:15	12.50	8.50	23.20	21.00	0.00
6/14/2014 21:30	11.40	8.20	17.10	54.30	0.00
6/14/2014 21:45	17.40	35.30	11.90	9.50	25.80
6/14/2014 22:00	16.00	39.70	11.70	9.50	30.20
6/14/2014 22:15	19.80	35.70	11.60	9.50	26.20
6/14/2014 22:30	20.60	29.80	11.50	9.50	20.30
6/14/2014 22:45	19.40	21.20	11.90	9.30	11.90
6/14/2014 23:00	15.30	27.00	13.80	9.80	17.20
6/14/2014 23:15	14.30	34.40	12.00	9.20	25.20
6/14/2014 23:30	24.80	24.50	12.80	8.80	16.00
6/14/2014 23:45	15.40	8.70	22.80	25.70	0.00
6/15/2014 0:00	27.60	26.90	14.60	9.60	18.00
6/15/2014 0:15	41.70	70.60	12.10	9.00	61.60
6/15/2014 0:30	14.80	26.30	12.10	7.90	18.40
6/15/2014 0:45	12.40	49.20	12.10	8.50	40.70
6/15/2014 1:00	12.90	10.10	14.20	51.00	0.00
6/15/2014 1:15	15.50	10.10	10.90	22.80	4.60
6/15/2014 1:30	28.90	21.30	12.40	10.00	18.90
6/15/2014 1:45	11.30	42.30	13.20	7.70	34.60
6/15/2014 2:00	12.00	40.10	14.20	10.70	29.40
6/15/2014 2:15	13.50	43.90	18.10	7.50	36.40
6/15/2014 2:30	16.30	11.20	13.60	35.00	2.70
6/15/2014 2:45	25.50	31.90	12.90	9.90	22.00
6/15/2014 3:00	15.10	8.20	36.70	13.30	1.80



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/15/2014 3:15	16.10	7.80	21.50	13.80	2.30
6/15/2014 3:30	15.60	7.10	30.70	31.50	0.00
6/15/2014 3:45	14.90	5.60	33.90	28.30	0.00
6/15/2014 4:00	12.70	5.70	29.50	7.20	5.50
6/15/2014 4:15	13.40	6.00	39.00	8.60	4.80
6/15/2014 4:30	59.20	23.80	13.20	5.70	53.50
6/15/2014 4:45	12.80	5.30	43.00	54.80	0.00
6/15/2014 5:00	10.90	5.50	51.90	6.60	4.30
6/15/2014 5:15	39.80	18.20	12.90	5.60	0.00
6/15/2014 5:30	11.60	7.40	33.50	48.60	0.00
6/15/2014 5:45	23.70	40.70	15.00	7.70	33.00
6/15/2014 6:00	14.00	7.50	33.80	60.90	0.00
6/15/2014 6:15	47.90	16.10	14.50	7.60	40.30
6/15/2014 6:30	19.80	71.10	16.70	8.80	62.30
6/15/2014 6:45	16.50	6.40	23.00	60.90	0.00
6/15/2014 7:00	11.80	5.80	23.60	50.60	0.00
6/15/2014 7:15	14.70	5.80	17.00	37.50	0.00
6/15/2014 7:30	14.80	6.50	13.20	20.60	1.60
6/15/2014 7:45	13.30	13.60	12.40	6.10	7.50
6/15/2014 8:00	12.60	6.70	18.10	6.50	6.10
6/15/2014 8:15	19.90	16.20	12.50	6.10	13.80
6/15/2014 8:30	18.10	6.10	12.10	5.70	12.40
6/15/2014 8:45	16.20	16.30	11.80	5.10	11.20
6/15/2014 9:00	13.10	5.40	16.30	7.20	5.90
6/15/2014 9:15	23.40	10.10	10.80	6.10	17.30
6/15/2014 9:30	15.00	35.10	9.80	6.10	29.00
6/15/2014 9:45	26.30	48.90	12.30	7.00	41.90
6/15/2014 10:00	27.80	40.10	12.20	8.70	31.40
6/15/2014 10:15	17.40	42.50	12.60	9.70	32.80
6/15/2014 10:30	14.60	20.50	12.60	12.00	8.50
6/15/2014 10:45	11.00	16.80	12.30	12.70	4.50
6/15/2014 11:00	10.70	17.00	12.20	11.40	5.60
6/15/2014 11:15	12.20	13.90	11.30	9.90	4.00
6/15/2014 11:30	13.60	16.10	10.80	9.10	7.00
6/15/2014 11:45	12.30	13.30	11.30	9.10	4.20
6/15/2014 12:00	10.80	12.90	11.50	9.20	3.70
6/15/2014 12:15	11.00	8.20	10.20	11.80	0.80
6/15/2014 12:30	11.80	9.20	10.20	12.40	1.60
6/15/2014 12:45	11.80	8.90	10.60	11.60	1.20
6/15/2014 13:00	11.70	8.40	16.00	22.30	0.00
6/15/2014 13:15	16.00	26.80	9.90	8.30	18.50
6/15/2014 13:30	10.50	8.10	14.60	14.80	0.00
6/15/2014 13:45	18.30	18.70	11.20	9.00	9.70
6/15/2014 14:00	10.40	7.40	18.30	18.20	0.00
6/15/2014 14:15	10.20	7.70	38.20	85.30	0.00
6/15/2014 14:30	10.40	7.50	17.00	64.30	0.00
6/15/2014 14:45	19.30	54.20	9.60	7.70	46.50
6/15/2014 15:00	10.40	7.00	27.20	40.80	0.00
6/15/2014 15:15	33.10	73.30	10.70	7.10	66.20
6/15/2014 15:30	12.00	6.50	21.20	49.60	0.00
6/15/2014 15:45	12.10	6.90	17.70	6.90	5.20
6/15/2014 16:00	12.40	8.30	9.20	28.10	3.20
6/15/2014 16:15	11.20	21.50	12.30	8.80	12.70
6/15/2014 16:30	11.80	9.40	12.60	12.80	0.00
6/15/2014 16:45	12.50	10.50	16.50	39.10	0.00
6/15/2014 17:00	12.90	13.20	9.90	46.20	3.30
6/15/2014 17:15	12.20	12.40	8.10	10.60	4.30
6/15/2014 17:30	12.50	27.40	9.50	12.90	17.90
6/15/2014 17:45	12.20	30.80	10.20	22.90	20.60
6/15/2014 18:00	14.90	74.70	13.10	25.90	61.60
6/15/2014 18:15	12.60	17.60	11.00	70.40	6.60
6/15/2014 18:30	10.80	31.10	13.50	17.10	17.60
6/15/2014 18:45	18.00	10.60	12.00	22.10	6.00
6/15/2014 19:00	11.90	67.40	11.70	23.00	55.70
6/15/2014 19:15	14.50	53.10	11.50	40.90	41.60
6/15/2014 19:30	15.20	47.10	11.50	48.90	35.60
6/15/2014 19:45	29.60	39.40	11.70	31.70	27.70
6/15/2014 20:00	12.80	41.90	16.30	40.50	25.60
6/15/2014 20:15	38.00	13.70	14.20	41.70	23.80
6/15/2014 20:30	37.80	17.40	14.30	70.40	23.50
6/15/2014 20:45	13.60	60.80	20.70	39.50	40.10
6/15/2014 21:00	17.30	34.90	16.30	29.40	18.60
6/15/2014 21:15	17.10	49.10	15.80	20.70	33.30
6/15/2014 21:30	44.50	40.10	16.30	36.80	28.20
6/15/2014 21:45	29.00	103.20	18.00	30.60	85.20
6/15/2014 22:00	49.30	73.00	17.50	11.90	61.10
6/15/2014 22:15	45.50	80.70	17.50	18.40	63.20
6/15/2014 22:30	17.60	15.00	33.90	62.60	0.00
6/15/2014 22:45	15.70	9.40	23.00	101.00	0.00
6/15/2014 23:00	16.70	108.20	17.80	9.20	99.00
6/15/2014 23:15	17.90	11.50	30.00	81.90	0.00
6/15/2014 23:30	21.00	71.30	15.60	14.20	57.10
6/15/2014 23:45	38.80	42.00	16.60	15.90	26.10
6/16/2014 0:00	17.40	23.60	21.10	53.90	2.50
6/16/2014 0:15	30.10	80.50	18.80	30.40	61.70
6/16/2014 0:30	15.50	52.30	16.30	31.60	36.00
6/16/2014 0:45	22.80	69.80	18.00	18.50	51.80
6/16/2014 1:00	39.80	9.70	19.70	32.30	0.00
6/16/2014 1:15	29.40	28.20	18.90	16.30	13.10



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Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Turbidity Data
4-22-14 to 7-9-14
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/16/2014 1:30	28.30	63.00	18.70	15.40	47.60
6/16/2014 1:45	54.00	30.70	15.50	14.00	40.00
6/16/2014 2:00	12.70	12.10	41.30	22.40	0.00
6/16/2014 2:15	20.90	58.30	11.90	10.60	47.70
6/16/2014 2:30	47.60	62.50	18.70	11.50	51.00
6/16/2014 2:45	19.00	20.20	19.60	14.00	6.20
6/16/2014 3:00	16.50	18.10	18.30	18.00	0.10
6/16/2014 3:15	14.70	36.00	16.20	11.20	24.80
6/16/2014 3:30	23.00	7.90	12.60	16.00	10.40
6/16/2014 3:45	82.00	8.90	18.60	22.10	63.40
6/16/2014 4:00	19.10	22.30	11.50	14.30	10.80
6/16/2014 4:15	15.30	13.50	31.20	42.40	0.00
6/16/2014 4:30	16.00	15.40	15.80	42.80	0.20
6/16/2014 4:45	16.00	14.70	12.60	24.00	3.40
6/16/2014 5:00	14.00	13.00	16.40	27.40	0.00
6/16/2014 5:15	22.20	25.10	15.80	15.50	9.60
6/16/2014 5:30	15.60	16.30	17.90	16.60	0.00
6/16/2014 5:45	14.60	13.10	17.10	18.60	0.00
6/16/2014 6:00	14.10	14.00	17.70	15.70	0.00
6/16/2014 6:15	17.90	12.50	17.10	14.10	3.80
6/16/2014 6:30	15.30	18.20	15.90	13.40	4.80
6/16/2014 6:45	15.20	15.10	15.90	14.10	1.10
6/16/2014 7:00	14.70	14.20	15.20	19.90	0.00
6/16/2014 7:15	14.00	22.50	15.70	13.80	8.70
6/16/2014 7:30	13.90	13.20	14.70	22.50	0.00
6/16/2014 7:45	12.70	17.60	13.80	12.50	5.10
6/16/2014 8:00	17.00	21.10	13.50	35.20	7.60
6/16/2014 8:15	13.50	14.40	19.40	18.60	0.00
6/16/2014 8:30	13.50	15.50	17.50	19.20	0.00
6/16/2014 8:45	13.10	14.30	21.60	19.30	0.00
6/16/2014 9:00	16.60	17.90	13.30	15.10	4.60
6/16/2014 9:15	12.30	17.20	12.90	16.30	4.30
6/16/2014 9:30	17.00	15.20	16.90	17.50	0.10
6/16/2014 9:45	13.20	17.90	14.10	15.20	3.80
6/16/2014 10:00	14.10	18.50	19.30	26.50	0.00
6/16/2014 10:15	28.00	21.20	14.20	16.20	13.80
6/16/2014 10:30	16.10	35.40	16.80	20.10	18.60
6/16/2014 10:45	18.20	19.00	16.40	15.00	4.00
6/16/2014 11:00	16.80	19.80	9.70	8.10	11.70
6/16/2014 11:15	8.10	7.60	9.00	6.10	2.00
6/16/2014 11:30	7.80	6.80	9.70	7.70	0.10
6/16/2014 11:45	8.10	8.60	9.50	7.70	0.90
6/16/2014 12:00	7.90	7.90	9.60	7.00	0.90
6/16/2014 12:15	7.80	5.60	8.60	6.60	1.20
6/16/2014 12:30	7.50	6.40	8.80	6.60	0.90
6/16/2014 12:45	8.10	7.10	9.30	6.70	1.40
6/16/2014 13:00	8.90	7.70	12.40	7.00	1.90
6/16/2014 13:15	8.20	8.70	10.30	6.60	2.10
6/16/2014 13:30	8.10	8.70	9.00	6.50	2.20
6/16/2014 13:45	8.40	7.20	9.10	7.00	1.40
6/16/2014 14:00	9.90	7.70	9.50	7.40	2.50
6/16/2014 14:15	11.70	7.00	10.20	7.60	4.10
6/16/2014 14:30	9.90	16.60	9.00	7.30	9.30
6/16/2014 14:45	8.30	10.60	8.80	6.60	4.00
6/16/2014 15:00	8.20	14.50	10.20	7.60	6.90
6/16/2014 15:15	11.20	7.50	9.30	11.30	1.90
6/16/2014 15:30	32.50	8.70	9.40	9.80	23.10
6/16/2014 15:45	8.80	11.40	14.60	8.30	3.10
6/16/2014 16:00	9.10	8.90	35.80	10.30	0.00
6/16/2014 16:15	9.10	8.80	38.10	24.60	0.00
6/16/2014 16:30	10.20	9.00	35.50	10.70	0.00
6/16/2014 16:45	29.70	9.70	10.50	9.10	20.60
6/16/2014 17:00	10.50	7.70	21.40	10.10	0.40
6/16/2014 17:15	10.40	10.90	24.30	8.60	2.30
6/16/2014 17:30	10.20	11.00	21.50	8.70	2.30
6/16/2014 17:45	10.30	8.60	19.60	12.00	0.00
6/16/2014 18:00	16.20	15.50	9.90	10.00	6.30
6/16/2014 18:15	30.00	15.30	10.30	13.10	19.70
6/16/2014 18:30	10.10	9.70	43.30	16.50	0.00
6/16/2014 18:45	10.10	12.30	54.10	21.50	0.00
6/16/2014 19:00	38.00	15.60	10.30	13.20	27.70
6/16/2014 19:15	20.70	11.00	10.40	25.20	10.30
6/16/2014 19:30	10.10	30.40	39.00	11.60	18.80
6/16/2014 19:45	9.80	29.50	43.20	22.60	6.90
6/16/2014 20:00	9.90	20.40	22.20	23.10	0.00
6/16/2014 20:15	23.90	20.40	17.90	13.30	10.60
6/16/2014 20:30	15.30	17.20	22.10	16.90	0.30
6/16/2014 20:45	19.10	10.80	16.80	18.70	2.30
6/16/2014 21:00	16.20	17.00	15.50	15.40	1.60
6/16/2014 21:15	17.00	18.20	14.90	15.80	3.30
6/16/2014 21:30	13.10	20.60	20.40	17.40	3.20
6/16/2014 21:45	24.50	27.50	20.70	12.80	14.70
6/16/2014 22:00	24.90	11.50	20.70	20.60	4.30
6/16/2014 22:15	16.90	17.60	16.50	9.50	8.10
6/16/2014 22:30	18.70	20.60	25.20	13.90	6.70
6/16/2014 22:45	49.30	45.70	23.10	16.20	33.10
6/16/2014 23:00	22.00	21.30	17.80	23.20	4.20
6/16/2014 23:15	13.20	16.50	27.50	18.90	0.00
6/16/2014 23:30	17.70	15.70	21.40	11.50	6.20



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/16/2014 23:45	30.30	19.10	11.90	15.90	18.40
6/17/2014 0:00	36.70	16.10	18.80	12.80	23.90
6/17/2014 0:15	11.90	31.80	8.90	9.70	22.90
6/17/2014 0:30	13.10	35.10	11.90	8.10	27.00
6/17/2014 0:45	17.70	8.40	15.50	40.60	2.20
6/17/2014 1:00	17.60	34.50	14.60	9.10	25.40
6/17/2014 1:15	17.90	32.90	15.70	7.60	25.30
6/17/2014 1:30	12.10	7.40	9.80	11.10	2.30
6/17/2014 1:45	10.90	10.20	11.00	7.60	3.30
6/17/2014 2:00	11.10	9.60	10.50	9.30	1.80
6/17/2014 2:15	11.00	9.10	10.00	10.40	1.00
6/17/2014 2:30	10.60	8.60	10.10	10.40	0.50
6/17/2014 2:45	10.60	10.20	10.70	9.00	1.60
6/17/2014 3:00	10.40	8.70	10.30	11.20	0.10
6/17/2014 3:15	10.60	9.10	11.80	40.10	0.00
6/17/2014 3:30	13.60	38.80	10.50	8.90	29.90
6/17/2014 3:45	22.20	23.50	10.70	8.80	14.70
6/17/2014 4:00	10.80	9.30	30.40	27.60	0.00
6/17/2014 4:15	15.00	9.20	33.60	48.60	0.00
6/17/2014 4:30	12.20	9.30	20.30	54.50	0.00
6/17/2014 4:45	11.70	8.30	23.80	47.00	0.00
6/17/2014 5:00	12.40	8.60	15.60	14.40	0.00
6/17/2014 5:15	13.00	9.40	32.50	48.80	0.00
6/17/2014 5:30	12.80	8.50	43.80	12.80	0.00
6/17/2014 5:45	39.90	21.60	35.30	8.50	31.40
6/17/2014 6:00	15.50	8.60	14.60	35.90	0.90
6/17/2014 6:15	18.10	8.50	18.00	45.10	0.10
6/17/2014 6:30	12.70	8.90	37.50	42.20	0.00
6/17/2014 6:45	12.60	7.00	24.40	45.50	0.00
6/17/2014 7:00	11.50	6.70	32.10	31.30	0.00
6/17/2014 7:15	12.20	8.20	10.30	8.80	3.40
6/17/2014 7:30	10.30	8.40	11.90	8.60	1.70
6/17/2014 7:45	31.90	8.60	10.30	7.90	24.00
6/17/2014 8:00	20.10	10.30	10.90	8.40	11.70
6/17/2014 8:15	10.90	8.50	14.70	11.50	0.00
6/17/2014 8:30	10.00	7.50	15.90	9.70	0.30
6/17/2014 8:45	14.60	9.00	23.80	14.60	0.00
6/17/2014 9:00	23.10	22.30	22.10	16.40	6.70
6/17/2014 9:15	19.20	23.10	18.80	18.70	4.40
6/17/2014 9:30	27.00	30.10	24.00	13.90	16.20
6/17/2014 9:45	28.60	43.30	22.00	19.60	23.70
6/17/2014 10:00	29.40	35.40	18.70	18.60	16.80
6/17/2014 10:15	27.90	14.10	13.20	28.10	14.70
6/17/2014 10:30	27.70	36.10	17.00	10.30	25.80
6/17/2014 10:45	11.40	28.40	23.40	9.10	19.30
6/17/2014 11:00	25.60	13.20	18.00	27.20	7.60
6/17/2014 11:15	27.10	9.90	25.90	30.00	1.20
6/17/2014 11:30	29.60	32.00	22.30	9.50	22.50
6/17/2014 11:45	37.20	23.30	26.30	12.10	25.10
6/17/2014 12:00	18.50	8.20	28.10	25.60	0.00
6/17/2014 12:15	20.70	30.70	27.40	7.60	23.10
6/17/2014 12:30	23.40	21.50	17.00	15.30	8.10
6/17/2014 12:45	19.80	17.90	18.70	9.30	10.50
6/17/2014 13:00	17.20	17.40	12.30	13.80	5.10
6/17/2014 13:15	14.60	17.30	15.20	15.90	2.10
6/17/2014 13:30	11.90	16.80	15.50	17.70	0.00
6/17/2014 13:45	15.60	19.70	12.40	14.20	7.30
6/17/2014 14:00	16.30	20.70	12.30	13.80	8.40
6/17/2014 14:15	15.00	14.80	16.10	18.50	0.00
6/17/2014 14:30	14.10	17.70	17.20	14.10	3.60
6/17/2014 14:45	12.90	17.30	13.90	17.70	3.40
6/17/2014 15:00	12.30	13.30	15.20	12.80	0.50
6/17/2014 15:15	18.30	16.50	11.70	14.60	6.60
6/17/2014 15:30	16.30	13.90	14.40	14.70	1.90
6/17/2014 15:45	14.30	12.90	14.00	17.00	0.30
6/17/2014 16:00	14.40	15.10	16.30	17.40	0.00
6/17/2014 16:15	13.70	37.50	13.80	15.30	23.70
6/17/2014 16:30	14.30	13.50	15.10	14.60	0.00
6/17/2014 16:45	15.20	14.50	19.60	17.50	0.00
6/17/2014 17:00	13.20	19.40	16.10	22.20	3.30
6/17/2014 17:15	17.30	10.70	16.20	28.20	1.10
6/17/2014 17:30	15.00	14.80	19.70	20.80	0.00
6/17/2014 17:45	12.40	11.10	21.80	11.90	0.50
6/17/2014 18:00	12.30	10.60	19.40	10.40	1.90
6/17/2014 18:15	11.20	45.40	13.00	12.40	33.00
6/17/2014 18:30	12.90	11.60	12.00	66.30	0.90
6/17/2014 18:45	13.50	17.50	14.30	30.30	3.20
6/17/2014 19:00	15.70	17.90	13.10	25.20	4.80
6/17/2014 19:15	16.60	13.80	14.90	16.40	1.70
6/17/2014 19:30	15.20	14.40	14.20	15.40	1.00
6/17/2014 19:45	14.60	13.00	17.40	17.60	0.00
6/17/2014 20:00	15.30	13.40	32.40	15.20	0.10
6/17/2014 20:15	28.70	24.30	15.80	12.90	15.80
6/17/2014 20:30	13.90	12.80	39.40	26.30	0.00
6/17/2014 20:45	29.80	21.50	13.60	12.80	17.00
6/17/2014 21:00	40.50	40.10	13.80	13.10	27.40
6/17/2014 21:15	15.40	14.20	33.80	39.00	0.00
6/17/2014 21:30	20.90	41.90	14.10	16.10	27.80
6/17/2014 21:45	33.40	24.10	15.00	20.40	18.40



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4-22-14 to 7-9-14
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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/17/2014 22:00	23.70	24.60	16.30	23.00	8.30
6/17/2014 22:15	17.50	27.00	15.10	15.30	11.90
6/17/2014 22:30	20.50	42.50	12.30	10.80	31.70
6/17/2014 22:45	14.10	40.50	19.30	54.00	21.20
6/17/2014 23:00	11.40	22.50	20.80	58.90	1.70
6/17/2014 23:15	13.60	42.50	18.20	43.40	24.30
6/17/2014 23:30	13.80	16.50	16.40	71.90	0.10
6/17/2014 23:45	18.10	11.30	18.20	59.30	0.00
6/18/2014 0:00	27.60	50.70	17.90	18.80	32.80
6/18/2014 0:15	18.30	34.80	35.20	53.70	0.00
6/18/2014 0:30	15.80	35.50	45.20	40.20	0.00
6/18/2014 0:45	15.90	15.00	40.60	39.60	0.00
6/18/2014 1:00	27.80	33.60	47.40	56.20	0.00
6/18/2014 1:15	47.00	50.60	29.90	24.50	26.10
6/18/2014 1:30	28.50	19.90	35.80	20.70	7.80
6/18/2014 1:45	30.10	10.70	28.20	22.20	7.90
6/18/2014 2:00	19.60	19.40	42.30	22.30	0.00
6/18/2014 2:15	35.70	48.40	16.90	17.50	31.50
6/18/2014 2:30	13.50	21.30	18.60	14.80	6.50
6/18/2014 2:45	12.40	40.50	16.50	11.60	28.90
6/18/2014 3:00	20.50	38.50	13.40	11.70	26.80
6/18/2014 3:15	21.70	42.10	12.50	11.00	31.10
6/18/2014 3:30	25.70	36.00	12.30	11.70	24.30
6/18/2014 3:45	26.00	58.70	12.00	12.00	46.70
6/18/2014 4:00	16.40	36.40	11.90	11.10	25.30
6/18/2014 4:15	23.80	34.10	11.90	9.40	24.70
6/18/2014 4:30	11.90	30.60	11.60	9.70	20.90
6/18/2014 4:45	17.70	9.20	12.00	21.50	5.70
6/18/2014 5:00	16.70	7.90	13.10	12.50	4.20
6/18/2014 5:15	13.20	11.10	15.00	8.80	4.40
6/18/2014 5:30	14.90	24.70	14.20	8.40	16.30
6/18/2014 5:45	14.60	9.10	36.90	19.00	0.00
6/18/2014 6:00	13.90	32.40	13.60	7.40	25.00
6/18/2014 6:15	13.80	7.50	25.80	49.50	0.00
6/18/2014 6:30	19.80	42.80	12.80	7.80	35.00
6/18/2014 6:45	36.00	46.70	13.00	8.10	38.60
6/18/2014 7:00	22.00	37.60	14.30	6.90	30.70
6/18/2014 7:15	20.40	12.60	13.60	6.40	14.00
6/18/2014 7:30	13.20	8.90	17.80	22.50	0.00
6/18/2014 7:45	35.80	8.20	13.10	9.50	26.30
6/18/2014 8:00	32.40	8.40	13.50	7.80	24.60
6/18/2014 8:15	33.70	22.70	12.90	10.30	23.40
6/18/2014 8:30	13.00	10.00	55.00	48.40	0.00
6/18/2014 8:45	13.40	38.40	13.10	10.10	28.30
6/18/2014 9:00	21.90	12.00	28.80	15.40	6.50
6/18/2014 9:15	50.30	33.00	37.30	7.30	43.00
6/18/2014 9:30	30.90	12.10	29.90	29.20	1.70
6/18/2014 9:45	23.30	21.70	16.10	8.20	15.10
6/18/2014 10:00	11.10	7.50	19.70	19.10	0.00
6/18/2014 10:15	18.10	19.20	13.90	7.60	11.60
6/18/2014 10:30	11.80	10.60	16.90	18.00	0.00
6/18/2014 10:45	11.20	15.20	20.30	18.50	0.00
6/18/2014 11:00	19.90	14.20	13.30	14.40	6.60
6/18/2014 11:15	21.80	17.70	12.40	8.10	13.70
6/18/2014 11:30	17.10	17.60	10.90	9.30	8.30
6/18/2014 11:45	17.10	18.80	11.10	10.70	8.10
6/18/2014 12:00	20.80	21.30	11.30	9.70	11.60
6/18/2014 12:15	20.30	22.70	11.60	10.50	12.20
6/18/2014 12:30	16.20	16.00	16.30	13.40	2.80
6/18/2014 12:45	16.30	17.00	15.20	13.90	3.10
6/18/2014 13:00	14.70	16.20	16.80	15.80	0.40
6/18/2014 13:15	15.00	15.90	14.80	14.30	1.60
6/18/2014 13:30	15.50	16.10	14.00	14.20	2.10
6/18/2014 13:45	14.40	16.00	14.30	11.00	5.00
6/18/2014 14:00	14.60	15.80	14.40	9.60	6.20
6/18/2014 14:15	14.30	102.10	18.70	9.80	92.30
6/18/2014 14:30	18.60	12.80	14.40	77.00	4.20
6/18/2014 14:45	14.20	95.30	13.90	18.20	81.40
6/18/2014 15:00	42.00	70.20	15.30	42.20	54.90
6/18/2014 15:15	16.00	75.40	14.60	40.00	60.80
6/18/2014 15:30	14.00	37.10	30.10	50.10	7.00
6/18/2014 15:45	16.20	31.30	13.70	55.60	17.60
6/18/2014 16:00	14.30	34.20	26.30	83.80	7.90
6/18/2014 16:15	14.50	15.80	70.70	93.90	0.00
6/18/2014 16:30	14.10	45.30	15.00	18.40	30.30
6/18/2014 16:45	16.20	84.60	13.70	16.50	70.90
6/18/2014 17:00	15.50	13.20	56.70	93.50	0.00
6/18/2014 17:15	14.90	15.20	38.00	78.80	0.00
6/18/2014 17:30	17.30	17.90	53.40	76.90	0.00
6/18/2014 17:45	67.90	63.70	18.20	15.70	52.20
6/18/2014 18:00	82.00	70.70	18.00	19.20	64.00
6/18/2014 18:15	79.00	75.40	17.30	20.80	61.70
6/18/2014 18:30	17.60	34.40	64.10	86.70	0.00
6/18/2014 18:45	17.80	29.60	51.50	112.70	0.00
6/18/2014 19:00	17.20	44.00	26.60	71.80	17.40
6/18/2014 19:15	16.50	82.20	14.30	69.30	67.90
6/18/2014 19:30	16.10	74.10	15.60	38.60	58.50
6/18/2014 19:45	14.30	47.20	15.90	25.70	31.30
6/18/2014 20:00	17.20	23.70	12.90	67.40	10.80



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/18/2014 20:15	12.60	64.70	17.40	38.60	47.30
6/18/2014 20:30	16.50	30.50	12.20	15.50	18.30
6/18/2014 20:45	13.00	38.10	17.90	30.10	20.20
6/18/2014 21:00	18.40	44.20	17.40	18.40	26.80
6/18/2014 21:15	17.60	19.90	25.30	43.20	0.00
6/18/2014 21:30	30.30	39.30	17.50	21.60	21.80
6/18/2014 21:45	21.80	36.30	17.00	21.20	19.30
6/18/2014 22:00	21.10	41.10	16.80	20.50	24.30
6/18/2014 22:15	20.70	36.80	17.30	24.50	19.50
6/18/2014 22:30	14.30	33.60	17.10	21.20	16.50
6/18/2014 22:45	16.10	23.10	17.80	101.80	5.30
6/18/2014 23:00	62.80	120.10	19.10	28.80	101.00
6/18/2014 23:15	18.10	98.40	19.70	30.30	78.70
6/18/2014 23:30	36.00	92.30	27.30	28.10	0.00
6/18/2014 23:45	26.10	93.70	22.90	25.80	70.80
6/19/2014 0:00	15.30	78.90	17.80	19.00	61.10
6/19/2014 0:15	21.30	25.90	13.70	54.40	12.20
6/19/2014 0:30	16.80	58.50	20.40	18.90	39.60
6/19/2014 0:45	11.70	51.50	19.00	18.30	33.20
6/19/2014 1:00	17.60	18.50	11.60	36.30	6.90
6/19/2014 1:15	20.60	41.80	18.20	22.60	23.60
6/19/2014 1:30	16.70	17.50	11.30	26.80	6.20
6/19/2014 1:45	14.40	18.00	13.60	15.70	4.40
6/19/2014 2:00	19.30	22.40	14.50	18.00	7.90
6/19/2014 2:15	17.20	25.30	13.80	18.00	11.50
6/19/2014 2:30	17.50	22.10	13.20	16.80	8.90
6/19/2014 2:45	13.10	19.20	15.10	17.10	4.10
6/19/2014 3:00	25.90	22.20	18.10	18.20	7.80
6/19/2014 3:15	22.60	21.70	19.10	22.70	3.50
6/19/2014 3:30	18.80	20.70	22.10	19.60	1.10
6/19/2014 3:45	37.20	18.20	20.70	20.40	16.80
6/19/2014 4:00	25.50	18.60	19.20	16.20	9.30
6/19/2014 4:15	22.10	17.80	16.10	20.90	6.00
6/19/2014 4:30	19.50	18.10	20.80	18.10	1.40
6/19/2014 4:45	26.70	16.50	27.40	13.20	13.50
6/19/2014 5:00	18.50	13.50	64.70	70.70	0.00
6/19/2014 5:15	18.90	12.30	64.70	80.00	0.00
6/19/2014 5:30	37.40	49.20	22.10	12.40	36.80
6/19/2014 5:45	18.50	17.50	29.10	36.40	0.00
6/19/2014 6:00	33.60	29.20	15.90	14.20	19.40
6/19/2014 6:15	16.40	15.40	31.10	24.20	0.00
6/19/2014 6:30	15.60	12.10	28.80	27.70	0.00
6/19/2014 6:45	15.30	11.90	35.20	18.40	0.00
6/19/2014 7:00	15.60	12.20	22.10	28.50	0.00
6/19/2014 7:15	26.10	30.00	15.30	13.40	16.60
6/19/2014 7:30	15.40	13.60	24.70	24.10	0.00
6/19/2014 7:45	19.80	31.30	15.20	13.50	17.80
6/19/2014 8:00	15.10	12.30	18.40	31.30	0.00
6/19/2014 8:15	15.70	20.10	15.00	12.30	7.80
6/19/2014 8:30	15.00	11.60	14.20	23.80	0.80
6/19/2014 8:45	15.20	11.50	15.80	27.70	0.00
6/19/2014 9:00	16.00	11.90	16.00	14.60	1.40
6/19/2014 9:15	18.50	12.50	15.00	10.80	7.70
6/19/2014 9:30	14.60	12.70	17.50	14.60	0.00
6/19/2014 9:45	17.20	15.10	13.10	13.40	4.10
6/19/2014 10:00	21.70	24.70	14.50	12.60	12.10
6/19/2014 10:15	12.60	17.20	16.80	16.70	0.50
6/19/2014 10:30	15.30	16.10	15.30	16.70	0.80
6/19/2014 10:45	17.50	15.60	16.20	15.30	2.20
6/19/2014 11:00	16.40	15.00	15.70	15.40	1.00
6/19/2014 11:15	19.30	17.00	14.10	14.50	5.20
6/19/2014 11:30	14.60	16.30	17.80	16.20	0.10
6/19/2014 11:45	17.70	16.00	14.30	16.00	3.40
6/19/2014 12:00	19.70	14.70	14.10	14.50	5.60
6/19/2014 12:15	17.70	13.60	14.10	14.00	3.70
6/19/2014 12:30	15.80	13.70	13.30	13.50	2.50
6/19/2014 12:45	17.00	13.40	13.50	13.70	3.50
6/19/2014 13:00	15.40	14.40	13.90	13.60	1.80
6/19/2014 13:15	13.80	13.10	15.70	14.60	0.00
6/19/2014 13:30	14.40	13.50	22.10	14.30	0.10
6/19/2014 13:45	23.50	40.80	13.20	13.90	27.60
6/19/2014 14:00	36.00	28.50	13.40	13.10	22.90
6/19/2014 14:15	42.80	23.90	13.30	12.60	30.20
6/19/2014 14:30	13.30	12.50	53.80	27.80	0.00
6/19/2014 14:45	13.50	13.30	44.90	24.50	0.00
6/19/2014 15:00	12.50	13.30	21.30	37.20	0.00
6/19/2014 15:15	27.00	24.20	12.60	12.20	14.80
6/19/2014 15:30	23.70	83.70	12.90	11.80	71.90
6/19/2014 15:45	13.70	12.70	18.50	57.10	0.00
6/19/2014 16:00	20.50	24.40	12.70	12.70	11.70
6/19/2014 16:15	12.00	13.60	21.50	28.60	0.00
6/19/2014 16:30	27.00	44.40	11.50	13.10	32.90
6/19/2014 16:45	28.30	33.80	12.10	12.40	21.70
6/19/2014 17:00	27.00	37.10	12.60	12.80	24.50
6/19/2014 17:15	12.80	12.90	33.90	16.70	0.00
6/19/2014 17:30	13.80	13.60	42.30	37.80	0.00
6/19/2014 17:45	21.50	25.20	25.80	26.30	0.00
6/19/2014 18:00	32.30	21.60	17.40	21.20	14.90
6/19/2014 18:15	33.30	38.70	17.50	17.50	21.20



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/19/2014 18:30	27.00	41.70	14.40	23.90	27.30
6/19/2014 18:45	15.50	29.70	66.00	23.90	5.80
6/19/2014 19:00	24.90	30.00	51.40	10.10	19.90
6/19/2014 19:15	14.10	28.10	38.80	15.30	12.80
6/19/2014 19:30	40.30	27.70	17.00	21.00	23.30
6/19/2014 19:45	34.10	13.90	34.90	16.70	17.40
6/19/2014 20:00	13.50	18.50	31.30	20.70	0.00
6/19/2014 20:15	15.00	13.10	27.10	19.30	0.00
6/19/2014 20:30	26.80	14.00	29.40	23.00	3.80
6/19/2014 20:45	21.30	40.60	27.80	11.50	29.10
6/19/2014 21:00	18.90	25.50	36.60	13.10	12.40
6/19/2014 21:15	34.50	14.10	25.60	26.60	8.90
6/19/2014 21:30	22.40	10.70	39.80	12.30	10.10
6/19/2014 21:45	18.60	25.50	24.00	11.70	13.80
6/19/2014 22:00	14.40	23.90	20.80	11.30	12.60
6/19/2014 22:15	17.00	24.30	16.00	8.40	15.90
6/19/2014 22:30	39.70	32.40	22.50	9.20	30.50
6/19/2014 22:45	17.30	11.80	19.50	14.40	2.90
6/19/2014 23:00	17.10	25.40	27.70	21.40	4.00
6/19/2014 23:15	25.20	34.50	26.70	15.20	19.30
6/19/2014 23:30	18.50	17.30	43.70	16.90	1.60
6/19/2014 23:45	21.40	11.60	16.50	28.50	4.90
6/20/2014 0:00	15.40	11.70	22.60	10.20	5.20
6/20/2014 0:15	16.80	22.20	18.50	9.40	12.80
6/20/2014 0:30	18.70	9.30	26.80	24.40	0.00
6/20/2014 0:45	16.70	20.80	45.30	27.50	0.00
6/20/2014 1:00	19.10	20.20	30.50	28.80	0.00
6/20/2014 1:15	45.10	29.70	17.50	18.60	27.60
6/20/2014 1:30	15.10	18.60	42.50	37.30	0.00
6/20/2014 1:45	45.70	31.10	16.60	25.10	29.10
6/20/2014 2:00	17.10	21.20	40.00	16.10	5.10
6/20/2014 2:15	30.60	33.70	16.50	21.60	17.20
6/20/2014 2:30	16.80	16.90	22.90	25.00	0.00
6/20/2014 2:45	16.50	11.20	19.80	12.00	4.50
6/20/2014 3:00	14.70	11.80	27.40	13.30	1.40
6/20/2014 3:15	40.10	11.10	39.70	10.60	29.50
6/20/2014 3:30	41.90	12.40	38.20	15.20	26.70
6/20/2014 3:45	28.70	11.10	29.60	12.60	16.10
6/20/2014 4:00	34.60	11.30	31.90	14.20	20.40
6/20/2014 4:15	24.00	25.80	37.10	19.70	6.10
6/20/2014 4:30	18.00	24.10	37.70	15.60	8.50
6/20/2014 4:45	17.30	12.30	18.60	8.10	9.20
6/20/2014 5:00	36.40	6.70	19.70	15.00	21.40
6/20/2014 5:15	19.90	24.50	29.70	9.00	15.50
6/20/2014 5:30	19.60	12.30	27.50	13.20	6.40
6/20/2014 5:45	30.40	37.70	29.50	29.30	8.40
6/20/2014 6:00	19.10	46.40	28.90	7.00	39.40
6/20/2014 6:15	25.70	52.40	21.50	7.10	45.30
6/20/2014 6:30	23.50	7.40	34.40	39.00	0.00
6/20/2014 6:45	24.70	43.40	16.70	10.80	32.60
6/20/2014 7:00	15.20	44.70	14.10	31.30	30.60
6/20/2014 7:15	41.40	10.90	19.30	42.00	22.10
6/20/2014 7:30	24.00	41.40	30.30	52.80	11.10
6/20/2014 7:45	29.80	56.80	26.10	36.00	30.70
6/20/2014 8:00	21.00	30.30	28.00	41.10	2.30
6/20/2014 8:15	19.70	24.80	23.90	23.60	1.20
6/20/2014 8:30	18.20	22.00	22.80	18.90	3.10
6/20/2014 8:45	24.60	20.60	18.70	21.60	5.90
6/20/2014 9:00	24.10	51.60	17.40	21.50	34.20
6/20/2014 9:15	22.20	22.90	17.90	22.20	5.00
6/20/2014 9:30	22.90	30.50	19.40	18.00	12.50
6/20/2014 9:45	18.20	15.80	31.20	39.10	0.00
6/20/2014 10:00	18.30	16.80	31.90	36.60	0.00
6/20/2014 10:15	29.40	22.70	18.30	22.10	11.10
6/20/2014 10:30	28.00	23.10	22.80	20.60	7.40
6/20/2014 10:45	32.90	22.40	19.10	20.40	13.80
6/20/2014 11:00	17.40	20.20	25.90	21.20	0.00
6/20/2014 11:15	17.40	24.30	18.20	20.80	6.10
6/20/2014 11:30	16.90	18.40	17.50	11.20	7.20
6/20/2014 11:45	15.60	8.80	25.10	10.00	5.60
6/20/2014 12:00	18.20	13.70	27.50	10.10	8.10
6/20/2014 12:15	17.70	11.70	29.90	16.20	1.50
6/20/2014 12:30	20.00	10.40	20.50	44.00	0.00
6/20/2014 12:45	18.70	9.00	29.20	9.60	9.10
6/20/2014 13:00	18.60	17.10	25.30	9.80	8.80
6/20/2014 13:15	34.10	8.90	25.90	45.80	8.20
6/20/2014 13:30	18.90	8.00	22.90	34.00	0.00
6/20/2014 13:45	15.90	16.50	24.30	12.50	4.00
6/20/2014 14:00	23.20	12.20	15.90	13.30	9.90
6/20/2014 14:15	20.20	8.80	26.50	12.60	7.60
6/20/2014 14:30	18.00	18.70	32.80	9.60	9.10
6/20/2014 14:45	21.30	17.50	15.00	11.00	10.30
6/20/2014 15:00	16.10	29.70	19.00	11.60	18.10
6/20/2014 15:15	13.80	9.10	19.40	88.90	0.00
6/20/2014 15:30	18.40	14.50	28.80	39.60	0.00
6/20/2014 15:45	17.60	11.30	19.40	77.90	0.00
6/20/2014 16:00	17.70	12.10	30.90	90.20	0.00
6/20/2014 16:15	15.10	8.70	43.30	73.00	0.00
6/20/2014 16:30	14.30	10.20	30.60	24.50	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/20/2014 16:45	24.70	13.50	14.00	7.80	16.90
6/20/2014 17:00	15.40	8.80	19.90	42.90	0.00
6/20/2014 17:15	24.90	38.40	15.10	8.80	29.60
6/20/2014 17:30	13.50	39.80	31.80	24.00	15.80
6/20/2014 17:45	15.80	20.90	34.10	65.00	0.00
6/20/2014 18:00	15.40	21.70	28.10	37.10	0.00
6/20/2014 18:15	14.80	16.50	27.20	39.50	0.00
6/20/2014 18:30	23.70	30.80	16.70	9.30	21.50
6/20/2014 18:45	40.20	47.00	25.60	10.40	36.60
6/20/2014 19:00	24.80	23.70	22.80	27.30	2.00
6/20/2014 19:15	26.00	24.70	44.20	140.90	0.00
6/20/2014 19:30	28.70	27.80	18.80	22.00	9.90
6/20/2014 19:45	16.40	20.00	22.80	20.30	0.00
6/20/2014 20:00	21.50	20.00	29.80	11.20	10.30
6/20/2014 20:15	26.50	13.40	19.90	23.40	6.60
6/20/2014 20:30	16.00	23.20	26.40	12.80	10.40
6/20/2014 20:45	18.50	24.30	24.60	15.10	9.20
6/20/2014 21:00	26.30	19.80	17.30	25.00	9.00
6/20/2014 21:15	15.80	19.10	17.90	25.90	1.20
6/20/2014 21:30	19.80	18.90	16.40	26.20	3.40
6/20/2014 21:45	17.10	22.70	20.50	18.30	4.40
6/20/2014 22:00	17.70	44.20	16.90	19.00	27.30
6/20/2014 22:15	16.70	26.60	17.50	20.70	9.10
6/20/2014 22:30	14.80	23.20	15.40	25.30	7.80
6/20/2014 22:45	16.10	29.50	24.20	26.00	5.30
6/20/2014 23:00	20.70	38.30	19.20	22.60	19.10
6/20/2014 23:15	16.70	20.10	18.60	21.40	1.50
6/20/2014 23:30	14.10	20.90	16.50	26.30	4.40
6/20/2014 23:45	14.60	24.50	18.70	19.00	5.80
6/21/2014 0:00	13.90	33.60	18.50	29.70	15.10
6/21/2014 0:15	14.10	24.50	19.70	37.10	4.80
6/21/2014 0:30	19.20	21.00	18.60	23.40	2.40
6/21/2014 0:45	19.40	21.90	14.70	21.30	7.20
6/21/2014 1:00	17.00	33.30	17.00	21.70	16.30
6/21/2014 1:15	15.80	49.20	11.60	21.20	37.60
6/21/2014 1:30	15.40	37.10	12.80	20.50	24.30
6/21/2014 1:45	23.00	21.60	14.20	76.30	8.80
6/21/2014 2:00	14.60	56.90	14.20	24.90	42.70
6/21/2014 2:15	10.70	32.40	13.30	51.10	0.00
6/21/2014 2:30	12.90	47.00	17.30	28.10	29.70
6/21/2014 2:45	14.00	61.00	17.40	35.50	43.60
6/21/2014 3:00	16.10	68.80	11.80	51.40	57.00
6/21/2014 3:15	11.80	30.80	14.90	60.90	15.90
6/21/2014 3:30	13.90	58.20	11.90	29.40	46.30
6/21/2014 3:45	15.30	26.10	13.60	43.30	12.50
6/21/2014 4:00	12.30	17.50	13.30	35.70	4.20
6/21/2014 4:15	14.10	26.40	11.80	25.40	14.60
6/21/2014 4:30	11.70	21.20	13.80	23.50	7.40
6/21/2014 4:45	11.90	24.60	12.10	25.60	12.50
6/21/2014 5:00	12.90	16.20	11.80	40.10	4.40
6/21/2014 5:15	11.60	24.10	12.80	19.00	11.30
6/21/2014 5:30	11.60	28.00	12.50	26.90	15.50
6/21/2014 5:45	24.20	16.50	11.90	19.40	12.30
6/21/2014 6:00	12.20	17.80	14.50	25.50	3.30
6/21/2014 6:15	20.00	24.30	14.00	23.30	10.30
6/21/2014 6:30	15.40	23.80	12.20	26.50	11.60
6/21/2014 6:45	16.60	15.80	12.20	30.30	4.40
6/21/2014 7:00	16.00	16.40	13.30	24.60	3.10
6/21/2014 7:15	14.60	14.40	13.30	18.00	1.30
6/21/2014 7:30	16.80	12.40	19.50	18.60	0.00
6/21/2014 7:45	12.80	12.80	17.50	19.00	0.00
6/21/2014 8:00	18.80	20.90	16.60	17.20	4.30
6/21/2014 8:15	19.50	20.70	13.80	17.20	6.90
6/21/2014 8:30	13.40	17.50	12.90	15.50	4.60
6/21/2014 8:45	14.20	18.50	15.10	19.70	3.40
6/21/2014 9:00	14.40	16.60	14.50	19.20	2.10
6/21/2014 9:15	13.50	20.00	26.20	20.80	0.00
6/21/2014 9:30	11.70	26.50	20.40	31.50	6.10
6/21/2014 9:45	11.70	39.50	23.70	25.20	15.80
6/21/2014 10:00	30.10	29.00	17.60	18.20	12.50
6/21/2014 10:15	23.80	24.20	17.10	12.00	12.20
6/21/2014 10:30	16.90	11.90	31.50	26.70	0.00
6/21/2014 10:45	16.90	12.50	23.90	36.70	0.00
6/21/2014 11:00	15.30	12.40	16.60	19.90	0.00
6/21/2014 11:15	15.00	13.90	18.20	27.90	0.00
6/21/2014 11:30	25.50	37.10	15.70	10.90	26.20
6/21/2014 11:45	17.20	34.50	14.70	11.50	23.00
6/21/2014 12:00	43.30	35.30	13.80	10.30	33.00
6/21/2014 12:15	13.90	10.40	26.60	38.60	0.00
6/21/2014 12:30	59.80	104.50	13.30	10.50	94.00
6/21/2014 12:45	16.70	10.90	56.60	82.80	0.00
6/21/2014 13:00	15.90	11.40	11.10	12.10	4.80
6/21/2014 13:15	9.00	6.00	16.40	11.80	0.00
6/21/2014 13:30	8.90	6.50	12.80	11.40	0.00
6/21/2014 13:45	9.80	5.90	10.40	6.80	3.00
6/21/2014 14:00	8.00	5.70	6.20	4.50	3.50
6/21/2014 14:15	6.10	4.40	8.20	5.80	0.30
6/21/2014 14:30	6.30	4.40	9.50	5.80	0.50
6/21/2014 14:45	6.00	4.40	9.60	5.60	0.40



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/21/2014 15:00	8.50	6.00	6.20	4.20	4.30
6/21/2014 15:15	7.70	6.70	5.80	4.40	3.30
6/21/2014 15:30	8.70	6.40	5.80	4.60	4.10
6/21/2014 15:45	7.90	5.90	6.10	4.70	3.20
6/21/2014 16:00	7.70	5.50	6.30	4.80	2.90
6/21/2014 16:15	7.80	5.30	6.10	4.80	3.00
6/21/2014 16:30	10.20	5.80	5.70	4.50	5.70
6/21/2014 16:45	7.70	5.80	5.50	4.50	3.20
6/21/2014 17:00	7.20	5.50	5.70	4.50	2.70
6/21/2014 17:15	8.20	5.50	5.50	4.40	3.80
6/21/2014 17:30	9.50	5.30	5.40	4.40	5.10
6/21/2014 17:45	7.20	5.40	5.50	4.40	0.00
6/21/2014 18:00	5.90	4.40	7.50	5.30	0.60
6/21/2014 18:15	8.10	5.30	5.40	4.40	3.70
6/21/2014 18:30	7.10	5.20	5.50	4.50	2.60
6/21/2014 18:45	5.30	4.10	6.70	7.10	0.00
6/21/2014 19:00	6.40	11.80	5.50	4.40	7.40
6/21/2014 19:15	9.50	4.50	10.10	7.10	2.40
6/21/2014 19:30	11.50	10.60	8.40	4.70	6.80
6/21/2014 19:45	11.40	9.70	6.70	4.50	6.90
6/21/2014 20:00	8.80	6.90	5.80	4.50	4.30
6/21/2014 20:15	5.60	4.40	9.30	8.00	0.00
6/21/2014 20:30	7.30	4.40	11.90	7.40	0.00
6/21/2014 20:45	7.40	4.70	11.60	6.70	0.70
6/21/2014 21:00	11.50	7.00	7.90	5.00	6.50
6/21/2014 21:15	10.40	6.20	8.30	5.50	4.90
6/21/2014 21:30	11.40	7.00	8.10	4.80	6.60
6/21/2014 21:45	9.80	5.40	8.70	6.40	3.40
6/21/2014 22:00	10.60	7.60	8.20	5.00	5.60
6/21/2014 22:15	10.90	7.40	7.70	4.70	6.20
6/21/2014 22:30	7.70	5.00	12.50	7.40	0.30
6/21/2014 22:45	11.90	6.70	8.30	5.80	6.10
6/21/2014 23:00	12.20	14.50	8.70	5.90	8.60
6/21/2014 23:15	10.20	9.00	7.70	5.90	4.30
6/21/2014 23:30	9.40	9.30	7.00	5.10	4.30
6/21/2014 23:45	9.30	6.60	7.40	5.20	4.10
6/22/2014 0:00	10.70	8.20	7.10	5.40	5.30
6/22/2014 0:15	7.00	5.70	9.30	7.80	0.00
6/22/2014 0:30	7.00	5.70	9.60	6.60	0.40
6/22/2014 0:45	6.90	5.30	9.20	7.60	0.00
6/22/2014 1:00	9.10	6.50	7.20	5.10	4.00
6/22/2014 1:15	7.10	5.20	9.60	6.20	0.90
6/22/2014 1:30	10.50	7.10	6.60	5.10	5.40
6/22/2014 1:45	9.80	6.60	5.90	4.90	4.90
6/22/2014 2:00	5.90	4.80	8.80	6.40	0.00
6/22/2014 2:15	8.80	6.30	5.60	4.70	4.10
6/22/2014 2:30	5.60	4.70	10.10	6.10	0.00
6/22/2014 2:45	5.90	4.40	10.50	6.80	0.00
6/22/2014 3:00	10.50	12.00	6.20	4.70	7.30
6/22/2014 3:15	11.10	9.60	6.40	4.80	6.30
6/22/2014 3:30	9.90	8.70	10.70	5.30	4.60
6/22/2014 3:45	9.90	7.50	10.60	4.40	5.50
6/22/2014 4:00	10.70	8.50	9.50	4.90	5.80
6/22/2014 4:15	6.50	4.80	10.40	9.40	0.00
6/22/2014 4:30	10.80	8.30	6.40	4.10	6.70
6/22/2014 4:45	10.60	7.40	6.40	4.00	6.60
6/22/2014 5:00	9.50	7.20	6.50	4.20	5.30
6/22/2014 5:15	11.50	6.20	6.90	4.50	7.00
6/22/2014 5:30	11.00	7.90	6.80	4.60	6.40
6/22/2014 5:45	11.50	6.30	7.30	5.20	6.30
6/22/2014 6:00	10.90	8.60	7.00	4.90	6.00
6/22/2014 6:15	6.30	4.60	9.30	9.00	0.00
6/22/2014 6:30	10.10	8.70	5.60	4.30	5.80
6/22/2014 6:45	9.90	5.80	5.60	4.30	5.60
6/22/2014 7:00	9.20	5.80	5.60	4.30	4.90
6/22/2014 7:15	6.40	4.60	8.20	5.40	1.00
6/22/2014 7:30	5.90	4.50	7.90	5.30	0.60
6/22/2014 7:45	5.70	4.50	7.50	5.90	0.00
6/22/2014 8:00	5.60	4.50	7.90	5.10	0.50
6/22/2014 8:15	5.90	4.50	8.00	5.60	0.30
6/22/2014 8:30	6.10	4.50	10.10	5.20	0.90
6/22/2014 8:45	9.70	5.60	6.20	4.70	5.00
6/22/2014 9:00	6.00	4.60	8.10	5.30	0.70
6/22/2014 9:15	6.30	4.80	8.80	5.20	1.10
6/22/2014 9:30	9.20	5.50	6.90	4.70	4.50
6/22/2014 9:45	9.40	5.50	6.20	4.70	4.70
6/22/2014 10:00	5.80	4.80	10.50	5.40	0.40
6/22/2014 10:15	9.40	5.80	5.50	4.80	4.60
6/22/2014 10:30	5.50	4.70	9.80	5.30	0.20
6/22/2014 10:45	9.90	5.50	5.70	4.70	5.20
6/22/2014 11:00	10.30	5.70	5.50	4.50	5.80
6/22/2014 11:15	6.00	4.50	9.40	5.40	0.60
6/22/2014 11:30	9.40	5.60	6.20	4.40	5.00
6/22/2014 11:45	6.50	4.50	10.20	5.50	1.00
6/22/2014 12:00	9.80	5.60	9.20	4.90	4.90
6/22/2014 12:15	10.60	5.60	9.50	4.40	6.20
6/22/2014 12:30	6.70	4.50	10.60	5.40	1.30
6/22/2014 12:45	12.60	6.50	9.70	5.30	7.30
6/22/2014 13:00	10.30	5.30	15.20	11.10	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/22/2014 13:15	13.80	11.10	11.20	5.80	8.00
6/22/2014 13:30	18.10	13.60	9.50	5.90	12.20
6/22/2014 13:45	17.70	13.40	9.20	10.30	8.50
6/22/2014 14:00	16.10	11.80	8.20	11.00	7.90
6/22/2014 14:15	8.20	7.70	10.20	10.80	0.00
6/22/2014 14:30	16.20	11.80	8.50	10.90	7.70
6/22/2014 14:45	8.20	9.90	9.60	11.70	0.30
6/22/2014 15:00	7.50	9.00	10.70	10.20	0.00
6/22/2014 15:15	11.70	9.50	8.60	11.00	3.10
6/22/2014 15:30	11.10	10.20	8.70	12.10	2.40
6/22/2014 15:45	10.00	9.40	9.20	9.10	0.90
6/22/2014 16:00	9.90	10.00	10.80	10.30	0.00
6/22/2014 16:15	10.10	9.90	11.50	8.00	2.10
6/22/2014 16:30	10.30	8.10	10.00	9.70	0.60
6/22/2014 16:45	10.50	9.20	10.40	10.00	0.50
6/22/2014 17:00	12.60	8.20	11.80	8.00	4.60
6/22/2014 17:15	12.00	7.40	12.80	7.90	4.10
6/22/2014 17:30	10.00	9.60	14.40	5.60	4.40
6/22/2014 17:45	11.70	4.80	11.30	10.60	1.10
6/22/2014 18:00	18.20	5.00	11.60	8.00	10.20
6/22/2014 18:15	10.10	9.60	11.50	10.60	0.00
6/22/2014 18:30	23.30	7.70	11.70	11.70	11.60
6/22/2014 18:45	14.80	7.50	15.10	7.50	7.30
6/22/2014 19:00	14.10	6.40	16.90	8.50	5.60
6/22/2014 19:15	11.10	7.70	16.30	9.40	1.70
6/22/2014 19:30	9.70	6.70	15.10	7.70	2.00
6/22/2014 19:45	10.00	6.30	11.40	8.50	1.50
6/22/2014 20:00	9.90	6.50	11.60	8.60	1.30
6/22/2014 20:15	10.30	6.00	11.50	9.10	1.20
6/22/2014 20:30	14.20	7.40	9.70	5.40	8.80
6/22/2014 20:45	11.60	6.60	7.20	5.00	6.60
6/22/2014 21:00	13.10	5.90	6.10	4.90	8.20
6/22/2014 21:15	9.10	6.30	6.40	4.80	4.30
6/22/2014 21:30	9.70	6.10	8.90	5.20	4.50
6/22/2014 21:45	8.40	5.00	11.20	5.80	2.60
6/22/2014 22:00	13.40	5.80	6.60	5.10	8.30
6/22/2014 22:15	9.00	5.30	5.70	5.00	4.00
6/22/2014 22:30	5.50	4.60	10.30	5.10	0.40
6/22/2014 22:45	5.50	4.40	8.70	5.70	0.00
6/22/2014 23:00	5.50	4.50	10.60	5.50	0.00
6/22/2014 23:15	5.50	4.70	10.30	5.80	0.00
6/22/2014 23:30	11.90	8.40	5.90	4.70	7.20
6/22/2014 23:45	5.60	4.60	12.00	8.40	0.00
6/23/2014 0:00	5.60	4.50	11.50	8.10	0.00
6/23/2014 0:15	12.30	8.90	6.40	4.70	0.00
6/23/2014 0:30	12.20	7.00	7.00	4.60	7.60
6/23/2014 0:45	6.10	4.50	11.50	6.10	0.00
6/23/2014 1:00	11.40	5.60	5.70	4.50	6.90
6/23/2014 1:15	6.20	4.40	10.60	5.60	0.60
6/23/2014 1:30	10.40	5.30	6.40	4.40	6.00
6/23/2014 1:45	5.90	4.40	11.00	4.90	1.00
6/23/2014 2:00	11.60	5.30	5.70	4.50	7.10
6/23/2014 2:15	5.70	4.50	10.70	5.30	0.40
6/23/2014 2:30	5.70	4.50	12.90	5.00	0.70
6/23/2014 2:45	5.80	4.50	12.80	5.00	0.80
6/23/2014 3:00	11.40	6.30	6.50	4.40	7.00
6/23/2014 3:15	6.00	4.80	10.30	5.30	0.70
6/23/2014 3:30	10.00	6.10	5.70	4.60	5.40
6/23/2014 3:45	9.10	6.10	5.80	4.50	4.60
6/23/2014 4:00	5.80	4.60	10.60	5.40	0.40
6/23/2014 4:15	5.80	4.60	10.10	5.90	0.00
6/23/2014 4:30	6.50	4.60	10.20	5.30	1.20
6/23/2014 4:45	6.50	5.00	9.60	8.50	0.00
6/23/2014 5:00	6.00	5.10	14.40	5.10	0.90
6/23/2014 5:15	11.70	5.30	6.00	4.90	6.80
6/23/2014 5:30	10.90	5.40	5.80	4.70	6.20
6/23/2014 5:45	8.90	5.90	6.20	4.90	4.00
6/23/2014 6:00	10.10	6.00	6.40	4.90	5.20
6/23/2014 6:15	10.20	5.30	7.90	5.30	4.90
6/23/2014 6:30	6.60	5.20	11.50	5.30	1.30
6/23/2014 6:45	6.70	4.90	9.00	5.40	1.30
6/23/2014 7:00	6.40	4.90	9.20	5.90	0.50
6/23/2014 7:15	6.30	4.90	9.00	5.50	0.80
6/23/2014 7:30	9.50	5.30	7.50	5.00	4.50
6/23/2014 7:45	7.50	5.00	10.90	5.40	2.10
6/23/2014 8:00	7.00	5.10	10.30	6.30	0.70
6/23/2014 8:15	6.80	5.50	10.70	5.50	1.30
6/23/2014 8:30	6.60	5.10	9.20	5.40	1.20
6/23/2014 8:45	6.50	5.30	9.70	6.00	0.50
6/23/2014 9:00	6.50	5.60	10.80	6.00	0.50
6/23/2014 9:15	6.40	5.60	11.50	7.20	0.00
6/23/2014 9:30	13.20	5.70	10.10	6.10	7.10
6/23/2014 9:45	13.50	6.40	9.90	5.70	7.80
6/23/2014 10:00	11.40	8.20	8.10	5.80	5.60
6/23/2014 10:15	7.40	5.80	11.40	7.80	0.00
6/23/2014 10:30	7.00	5.60	15.80	8.30	0.00
6/23/2014 10:45	8.30	6.50	11.70	9.40	0.00
6/23/2014 11:00	8.60	6.60	13.30	8.40	0.20
6/23/2014 11:15	8.40	6.30	15.30	8.30	0.10



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/23/2014 11:30	6.80	5.90	14.00	9.40	0.00
6/23/2014 11:45	7.20	5.00	13.40	8.60	0.00
6/23/2014 12:00	25.40	14.50	6.70	5.10	20.30
6/23/2014 12:15	6.40	5.00	14.20	15.70	0.00
6/23/2014 12:30	5.50	5.00	16.20	8.40	0.00
6/23/2014 12:45	5.50	4.90	13.20	7.90	0.00
6/23/2014 13:00	6.90	4.90	12.30	9.50	0.00
6/23/2014 13:15	8.60	6.30	11.60	7.50	1.10
6/23/2014 13:30	8.80	5.90	15.50	7.90	0.90
6/23/2014 13:45	9.10	5.30	11.80	7.80	1.30
6/23/2014 14:00	9.80	4.80	11.30	7.30	2.50
6/23/2014 14:15	7.40	4.80	11.80	8.60	0.00
6/23/2014 14:30	5.50	4.60	12.00	7.30	0.00
6/23/2014 14:45	5.40	4.50	10.80	9.00	0.00
6/23/2014 15:00	5.50	4.60	10.80	7.40	0.00
6/23/2014 15:15	5.50	4.60	11.40	6.30	0.00
6/23/2014 15:30	10.40	7.60	5.50	4.50	5.90
6/23/2014 15:45	5.80	4.40	11.10	7.00	0.00
6/23/2014 16:00	5.90	4.40	12.20	7.20	0.00
6/23/2014 16:15	6.00	4.50	11.00	11.70	0.00
6/23/2014 16:30	11.40	11.30	5.80	4.60	6.80
6/23/2014 16:45	5.80	4.70	11.80	10.40	0.00
6/23/2014 17:00	5.80	4.60	20.30	8.70	0.00
6/23/2014 17:15	29.10	10.30	6.30	4.60	24.50
6/23/2014 17:30	6.20	4.60	12.70	10.60	0.00
6/23/2014 17:45	5.80	4.60	12.70	37.20	0.00
6/23/2014 18:00	8.90	5.10	14.30	18.00	0.00
6/23/2014 18:15	8.30	4.90	13.50	12.90	0.00
6/23/2014 18:30	9.90	5.20	14.30	13.70	0.00
6/23/2014 18:45	9.40	5.20	13.70	12.40	0.00
6/23/2014 19:00	12.20	17.70	8.50	5.10	12.60
6/23/2014 19:15	13.70	14.90	9.20	5.20	9.70
6/23/2014 19:30	13.80	5.10	11.90	23.90	1.90
6/23/2014 19:45	11.20	5.20	12.40	27.10	0.00
6/23/2014 20:00	12.10	29.60	10.30	5.00	24.60
6/23/2014 20:15	11.90	29.10	10.30	5.20	23.90
6/23/2014 20:30	10.00	4.80	15.20	23.40	0.00
6/23/2014 20:45	10.00	4.60	12.70	24.00	0.00
6/23/2014 21:00	9.60	4.80	15.10	21.50	0.00
6/23/2014 21:15	9.80	5.80	17.80	18.90	0.00
6/23/2014 21:30	10.40	4.70	17.90	19.00	0.00
6/23/2014 21:45	18.40	12.60	11.10	4.80	0.00
6/23/2014 22:00	11.90	5.10	18.40	18.40	0.00
6/23/2014 22:15	8.20	5.00	17.00	14.70	0.00
6/23/2014 22:30	6.10	4.40	18.80	11.90	0.00
6/23/2014 22:45	8.00	4.60	16.70	11.60	0.00
6/23/2014 23:00	15.50	8.00	7.70	4.50	11.00
6/23/2014 23:15	7.40	4.30	14.40	6.80	0.60
6/23/2014 23:30	6.60	4.40	15.30	7.00	0.00
6/23/2014 23:45	6.40	4.30	15.80	8.10	0.00
6/24/2014 0:00	15.60	6.40	6.20	4.20	11.40
6/24/2014 0:15	5.60	4.10	14.40	5.60	0.00
6/24/2014 0:30	6.50	4.10	13.60	5.80	0.70
6/24/2014 0:45	5.40	3.90	14.10	11.50	0.00
6/24/2014 1:00	4.90	3.90	13.50	16.40	0.00
6/24/2014 1:15	5.00	3.90	14.00	9.20	0.00
6/24/2014 1:30	4.70	4.10	14.00	8.20	0.00
6/24/2014 1:45	5.00	4.00	14.40	6.30	0.00
6/24/2014 2:00	6.70	4.20	13.80	6.20	0.50
6/24/2014 2:15	7.50	4.10	13.90	6.30	1.20
6/24/2014 2:30	16.80	6.60	5.30	3.80	13.00
6/24/2014 2:45	5.70	3.90	14.80	5.80	0.00
6/24/2014 3:00	18.40	5.40	5.20	3.90	14.50
6/24/2014 3:15	16.60	5.40	4.80	3.90	12.70
6/24/2014 3:30	5.30	4.00	12.70	5.80	0.00
6/24/2014 3:45	7.80	5.80	12.30	5.90	1.90
6/24/2014 4:00	14.50	6.10	8.20	5.60	0.00
6/24/2014 4:15	8.10	5.30	15.30	6.00	2.10
6/24/2014 4:30	7.90	5.50	14.10	10.70	0.00
6/24/2014 4:45	7.80	5.70	14.70	8.60	0.00
6/24/2014 5:00	7.80	5.70	15.30	9.40	0.00
6/24/2014 5:15	15.20	10.40	7.70	5.80	9.40
6/24/2014 5:30	14.30	10.30	7.30	5.60	8.70
6/24/2014 5:45	13.90	12.10	8.60	6.00	7.90
6/24/2014 6:00	14.10	11.10	8.50	6.20	7.90
6/24/2014 6:15	15.80	11.20	8.60	6.10	9.70
6/24/2014 6:30	15.50	9.10	9.70	6.50	9.00
6/24/2014 6:45	14.50	9.60	9.10	6.80	7.70
6/24/2014 7:00	8.20	7.50	14.20	9.00	0.00
6/24/2014 7:15	7.60	7.60	14.20	7.90	0.00
6/24/2014 7:30	7.20	7.10	14.00	8.70	0.00
6/24/2014 7:45	7.50	7.40	14.60	9.00	0.00
6/24/2014 8:00	9.70	7.10	14.50	9.50	0.20
6/24/2014 8:15	8.10	7.10	13.40	8.10	0.00
6/24/2014 8:30	8.80	7.30	14.80	7.70	1.10
6/24/2014 8:45	14.70	8.30	7.40	6.10	8.60
6/24/2014 9:00	6.90	6.30	14.30	8.60	0.00
6/24/2014 9:15	6.70	6.10	13.90	8.00	0.00
6/24/2014 9:30	6.80	6.00	13.80	7.60	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/24/2014 9:45	7.00	6.20	27.50	9.30	0.00
6/24/2014 10:00	7.10	5.50	15.10	9.50	0.00
6/24/2014 10:15	6.90	5.00	16.30	14.00	0.00
6/24/2014 10:30	7.20	5.00	14.40	6.90	0.30
6/24/2014 10:45	7.20	5.20	14.90	13.80	0.00
6/24/2014 11:00	7.20	5.30	14.00	12.50	0.00
6/24/2014 11:15	14.60	9.40	6.90	4.90	9.70
6/24/2014 11:30	13.90	9.80	7.20	4.50	9.40
6/24/2014 11:45	7.10	4.40	13.60	13.80	0.00
6/24/2014 12:00	14.50	15.70	6.30	4.20	11.50
6/24/2014 12:15	5.60	4.20	14.20	14.10	0.00
6/24/2014 12:30	14.70	12.60	5.40	4.20	10.50
6/24/2014 12:45	6.50	4.20	14.50	11.30	0.00
6/24/2014 13:00	12.80	10.00	6.40	3.90	8.90
6/24/2014 13:15	6.10	3.90	13.90	11.50	0.00
6/24/2014 13:30	18.40	12.90	6.00	4.00	14.40
6/24/2014 13:45	6.20	4.40	18.50	10.70	0.00
6/24/2014 14:00	6.20	4.60	13.60	16.90	0.00
6/24/2014 14:15	6.10	4.60	14.80	9.10	0.00
6/24/2014 14:30	14.60	11.10	6.60	4.60	10.00
6/24/2014 14:45	7.60	5.50	15.80	7.40	0.20
6/24/2014 15:00	8.50	5.70	13.60	9.10	0.00
6/24/2014 15:15	7.80	5.70	14.30	10.30	0.00
6/24/2014 15:30	13.90	10.50	7.70	5.10	8.80
6/24/2014 15:45	6.50	4.70	14.70	9.70	0.00
6/24/2014 16:00	6.80	4.60	14.30	10.40	0.00
6/24/2014 16:15	6.90	4.80	12.70	8.80	0.00
6/24/2014 16:30	6.10	4.50	14.00	7.20	0.00
6/24/2014 16:45	6.10	4.50	14.20	6.90	0.00
6/24/2014 17:00	5.90	4.80	14.10	7.30	0.00
6/24/2014 17:15	8.30	4.90	14.10	5.90	2.40
6/24/2014 17:30	6.80	4.90	13.20	7.80	0.00
6/24/2014 17:45	13.80	6.70	8.50	4.90	8.90
6/24/2014 18:00	6.30	4.30	14.80	5.50	0.80
6/24/2014 18:15	15.00	6.60	6.10	4.50	10.50
6/24/2014 18:30	6.20	4.40	13.30	12.90	0.00
6/24/2014 18:45	6.40	4.50	14.60	6.10	0.30
6/24/2014 19:00	16.00	7.30	6.60	4.40	11.60
6/24/2014 19:15	7.20	4.30	16.50	5.50	1.70
6/24/2014 19:30	14.40	5.50	7.30	4.30	10.10
6/24/2014 19:45	7.00	4.80	15.30	5.50	1.50
6/24/2014 20:00	13.00	5.50	6.40	4.40	8.60
6/24/2014 20:15	6.30	4.40	15.90	6.00	0.30
6/24/2014 20:30	9.40	4.70	14.90	8.90	0.50
6/24/2014 20:45	14.00	5.30	15.30	7.20	6.80
6/24/2014 21:00	11.30	8.50	15.90	7.00	4.30
6/24/2014 21:15	16.00	7.40	14.40	5.40	10.60
6/24/2014 21:30	10.90	4.50	13.10	7.90	3.00
6/24/2014 21:45	13.30	6.90	10.00	5.20	8.10
6/24/2014 22:00	8.30	5.60	14.10	6.80	1.50
6/24/2014 22:15	7.90	5.70	15.00	6.30	1.60
6/24/2014 22:30	10.20	5.50	15.70	6.20	4.00
6/24/2014 22:45	14.80	7.20	10.00	5.50	9.30
6/24/2014 23:00	15.10	9.70	8.90	5.40	9.70
6/24/2014 23:15	13.90	7.50	8.00	5.10	8.80
6/24/2014 23:30	7.50	5.00	14.90	6.90	0.60
6/24/2014 23:45	13.50	5.00	14.50	6.70	6.80
6/25/2014 0:00	12.00	5.20	14.00	6.40	5.60
6/25/2014 0:15	9.40	6.80	13.70	6.20	3.20
6/25/2014 0:30	10.20	6.40	14.10	8.90	1.30
6/25/2014 0:45	10.80	6.60	16.00	7.50	3.30
6/25/2014 1:00	11.50	6.90	14.90	6.70	4.80
6/25/2014 1:15	11.60	6.40	16.70	13.60	0.00
6/25/2014 1:30	10.80	5.50	16.70	11.80	0.00
6/25/2014 1:45	11.20	5.10	17.30	9.90	1.30
6/25/2014 2:00	11.30	5.10	16.40	8.30	3.00
6/25/2014 2:15	16.20	9.70	9.80	5.00	11.20
6/25/2014 2:30	10.00	6.10	14.00	8.40	1.60
6/25/2014 2:45	11.70	9.60	10.10	7.20	4.50
6/25/2014 3:00	14.30	8.30	10.80	7.50	6.80
6/25/2014 3:15	11.40	9.70	13.20	7.90	3.50
6/25/2014 3:30	10.60	9.40	11.70	8.30	2.30
6/25/2014 3:45	9.70	8.90	10.70	10.30	0.00
6/25/2014 4:00	10.50	9.90	9.90	8.60	1.90
6/25/2014 4:15	9.80	12.90	9.90	8.10	4.80
6/25/2014 4:30	11.80	7.50	8.90	8.20	3.60
6/25/2014 4:45	11.90	7.30	8.60	7.30	4.60
6/25/2014 5:00	8.80	7.70	11.10	7.30	1.50
6/25/2014 5:15	11.20	9.00	8.80	8.20	3.00
6/25/2014 5:30	8.70	7.90	10.70	9.00	0.00
6/25/2014 5:45	8.60	7.10	11.70	9.00	0.00
6/25/2014 6:00	8.80	8.50	11.60	9.30	0.00
6/25/2014 6:15	11.70	10.60	8.60	7.30	4.40
6/25/2014 6:30	8.40	7.80	11.80	7.30	1.10
6/25/2014 6:45	12.20	6.70	7.70	7.00	5.20
6/25/2014 7:00	11.10	7.30	6.30	7.90	4.80
6/25/2014 7:15	11.20	8.90	6.40	8.20	4.80
6/25/2014 7:30	11.60	8.10	7.50	8.30	4.10
6/25/2014 7:45	7.80	8.30	11.40	8.40	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/25/2014 8:00	8.20	7.20	11.40	7.50	0.70
6/25/2014 8:15	8.50	5.30	11.80	9.20	0.00
6/25/2014 8:30	8.10	5.50	11.30	8.50	0.00
6/25/2014 8:45	8.20	6.20	11.70	8.70	0.00
6/25/2014 9:00	11.10	8.50	7.90	6.30	4.80
6/25/2014 9:15	11.40	8.50	8.00	6.80	4.60
6/25/2014 9:30	7.80	6.90	10.80	8.00	0.00
6/25/2014 9:45	7.80	6.60	11.00	7.90	0.00
6/25/2014 10:00	11.40	8.10	7.50	5.70	5.70
6/25/2014 10:15	10.90	7.60	8.10	5.20	5.70
6/25/2014 10:30	8.00	5.40	12.40	12.30	0.00
6/25/2014 10:45	12.90	11.10	8.00	7.10	5.80
6/25/2014 11:00	13.40	11.90	9.60	14.30	3.80
6/25/2014 11:15	8.90	14.20	13.20	13.60	1.00
6/25/2014 11:30	13.80	13.20	9.30	13.40	4.50
6/25/2014 11:45	9.30	14.50	13.50	11.90	2.60
6/25/2014 12:00	11.30	12.00	16.90	14.70	0.00
6/25/2014 12:15	11.50	12.20	14.40	13.90	0.00
6/25/2014 12:30	16.50	14.20	10.00	14.00	6.50
6/25/2014 12:45	14.60	13.40	11.10	15.50	3.50
6/25/2014 13:00	13.60	14.50	12.10	13.90	2.40
6/25/2014 13:15	13.90	20.60	8.80	14.70	11.80
6/25/2014 13:30	13.30	23.20	8.80	13.80	14.40
6/25/2014 13:45	9.00	13.80	15.10	17.70	0.00
6/25/2014 14:00	15.60	16.20	15.40	14.20	2.00
6/25/2014 14:15	24.70	19.60	29.60	17.00	7.70
6/25/2014 14:30	23.60	24.60	24.60	19.40	5.20
6/25/2014 14:45	18.90	18.80	15.10	16.90	3.80
6/25/2014 15:00	17.70	39.00	12.90	17.30	26.10
6/25/2014 15:15	15.20	17.40	26.10	35.60	0.00
6/25/2014 15:30	15.30	17.10	15.40	24.80	1.70
6/25/2014 15:45	15.00	38.30	25.50	21.90	16.40
6/25/2014 16:00	18.20	37.60	24.80	19.80	17.80
6/25/2014 16:15	21.60	22.20	24.70	48.60	0.00
6/25/2014 16:30	17.10	92.30	13.90	26.30	78.40
6/25/2014 16:45	9.90	20.00	39.40	74.10	0.00
6/25/2014 17:00	38.40	43.10	10.90	21.30	32.20
6/25/2014 17:15	20.20	58.30	9.60	19.00	48.70
6/25/2014 17:30	43.70	45.10	11.00	18.20	34.10
6/25/2014 17:45	10.80	19.10	23.40	66.00	0.00
6/25/2014 18:00	39.10	46.90	11.90	20.30	35.00
6/25/2014 18:15	20.00	19.60	12.50	13.00	7.50
6/25/2014 18:30	15.80	19.40	14.90	16.60	4.50
6/25/2014 18:45	16.50	14.80	16.80	40.90	0.00
6/25/2014 19:00	14.80	14.90	20.10	18.00	0.00
6/25/2014 19:15	22.30	50.30	14.20	17.60	36.10
6/25/2014 19:30	19.10	17.40	14.50	18.30	4.60
6/25/2014 19:45	13.70	14.10	15.00	14.90	0.00
6/25/2014 20:00	16.10	14.30	15.20	25.60	0.90
6/25/2014 20:15	14.60	30.90	14.20	15.30	16.70
6/25/2014 20:30	15.80	19.80	14.10	20.90	5.70
6/25/2014 20:45	16.60	36.70	14.50	20.70	22.20
6/25/2014 21:00	16.10	29.60	15.30	15.00	14.60
6/25/2014 21:15	16.10	43.90	12.40	21.90	0.00
6/25/2014 21:30	15.20	25.60	17.60	14.50	11.10
6/25/2014 21:45	17.20	25.20	15.20	37.00	10.00
6/25/2014 22:00	17.30	26.20	15.00	49.80	11.20
6/25/2014 22:15	15.80	49.90	17.30	33.10	32.60
6/25/2014 22:30	16.80	38.80	15.80	44.80	23.00
6/25/2014 22:45	16.10	46.20	16.10	18.20	30.10
6/25/2014 23:00	16.10	19.50	15.10	13.70	5.80
6/25/2014 23:15	19.00	24.70	14.20	26.30	10.50
6/25/2014 23:30	16.10	42.30	14.10	23.60	28.20
6/25/2014 23:45	23.60	48.90	13.80	26.00	35.10
6/26/2014 0:00	23.40	49.40	14.40	24.00	35.00
6/26/2014 0:15	28.10	59.20	17.10	22.40	42.10
6/26/2014 0:30	20.90	24.40	27.90	55.10	0.00
6/26/2014 0:45	22.70	57.30	21.70	26.60	35.60
6/26/2014 1:00	25.10	56.90	20.80	26.90	36.10
6/26/2014 1:15	31.00	56.80	22.20	24.80	34.60
6/26/2014 1:30	27.10	53.60	22.70	22.50	31.10
6/26/2014 1:45	23.80	47.60	23.10	22.10	25.50
6/26/2014 2:00	20.30	25.50	19.40	40.90	6.10
6/26/2014 2:15	19.40	21.70	28.90	41.00	0.00
6/26/2014 2:30	29.80	57.10	19.50	22.10	37.60
6/26/2014 2:45	27.00	58.90	19.30	21.70	39.60
6/26/2014 3:00	26.40	58.90	20.50	20.30	38.60
6/26/2014 3:15	25.20	41.00	25.20	23.40	17.60
6/26/2014 3:30	23.00	51.80	21.20	23.50	30.60
6/26/2014 3:45	20.20	21.50	18.30	54.40	3.20
6/26/2014 4:00	20.00	56.00	17.20	22.20	38.80
6/26/2014 4:15	17.00	22.70	31.10	44.10	0.00
6/26/2014 4:30	18.80	19.50	45.20	49.70	0.00
6/26/2014 4:45	36.30	50.10	17.50	15.30	0.00
6/26/2014 5:00	18.20	15.80	32.90	48.40	0.00
6/26/2014 5:15	16.90	15.20	43.90	37.00	0.00
6/26/2014 5:30	30.10	43.10	16.10	14.90	28.20
6/26/2014 5:45	15.80	16.20	30.50	56.30	0.00
6/26/2014 6:00	37.60	69.40	16.60	16.30	53.10



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/26/2014 6:15	16.90	15.70	29.50	61.60	0.00
6/26/2014 6:30	38.00	67.90	17.00	14.20	53.70
6/26/2014 6:45	37.90	50.60	16.60	14.00	36.60
6/26/2014 7:00	32.30	37.60	16.80	15.30	22.30
6/26/2014 7:15	20.20	49.90	15.80	15.60	34.30
6/26/2014 7:30	18.30	40.90	15.20	13.80	27.10
6/26/2014 7:45	16.50	17.00	19.90	46.80	0.00
6/26/2014 8:00	22.90	44.90	24.50	17.10	27.80
6/26/2014 8:15	20.70	16.90	20.50	94.80	0.20
6/26/2014 8:30	19.00	23.50	23.30	72.10	0.20
6/26/2014 8:45	20.80	76.70	20.20	20.80	56.50
6/26/2014 9:00	21.80	102.90	18.30	17.60	85.30
6/26/2014 9:15	20.30	86.90	18.20	19.30	68.70
6/26/2014 9:30	65.60	49.30	15.20	17.60	50.40
6/26/2014 9:45	22.60	21.40	46.40	71.90	0.00
6/26/2014 10:00	20.40	19.30	21.80	72.00	0.00
6/26/2014 10:15	39.80	76.70	18.90	20.40	57.80
6/26/2014 10:30	52.10	105.90	20.00	21.10	85.90
6/26/2014 10:45	18.20	21.70	21.10	67.10	0.60
6/26/2014 11:00	18.60	20.60	23.80	89.90	0.00
6/26/2014 11:15	38.30	64.40	15.90	18.80	48.50
6/26/2014 11:30	32.40	90.10	15.40	17.40	74.70
6/26/2014 11:45	32.70	38.50	18.10	17.50	21.00
6/26/2014 12:00	19.40	18.10	20.70	99.30	0.00
6/26/2014 12:15	20.70	20.40	21.10	104.10	0.00
6/26/2014 12:30	20.90	26.60	18.90	18.10	8.50
6/26/2014 12:45	17.00	36.70	16.80	19.60	19.90
6/26/2014 13:00	16.30	28.90	18.50	48.80	10.40
6/26/2014 13:15	19.10	19.40	14.70	24.00	4.70
6/26/2014 13:30	27.70	14.90	13.30	20.30	14.40
6/26/2014 13:45	29.20	12.00	17.30	31.10	11.90
6/26/2014 14:00	16.80	34.30	22.10	13.30	21.00
6/26/2014 14:15	21.90	12.10	16.10	19.10	5.80
6/26/2014 14:30	18.60	19.10	25.60	14.70	4.40
6/26/2014 14:45	16.90	18.00	25.00	18.60	0.00
6/26/2014 15:00	25.30	18.40	17.20	17.00	0.00
6/26/2014 15:15	25.60	18.20	15.80	16.40	9.80
6/26/2014 15:30	24.80	18.40	15.90	16.30	8.90
6/26/2014 15:45	25.80	16.50	15.40	18.00	0.00
6/26/2014 16:00	15.40	20.10	22.30	18.90	1.20
6/26/2014 16:15	31.50	11.80	14.60	19.60	16.90
6/26/2014 16:30	14.00	17.50	22.00	12.60	4.90
6/26/2014 16:45	13.50	17.80	24.50	29.40	0.00
6/26/2014 17:00	16.90	12.00	13.20	17.80	3.70
6/26/2014 17:15	22.20	11.70	15.40	18.10	6.80
6/26/2014 17:30	22.80	20.90	13.10	17.60	9.70
6/26/2014 17:45	24.10	25.50	13.50	21.00	12.00
6/26/2014 18:00	13.80	28.70	20.90	24.20	7.80
6/26/2014 18:15	26.10	21.70	22.90	21.00	5.10
6/26/2014 18:30	21.00	17.30	22.70	22.00	0.00
6/26/2014 18:45	19.10	17.50	23.00	21.10	0.00
6/26/2014 19:00	23.10	20.60	19.30	13.10	10.00
6/26/2014 19:15	18.10	13.10	22.30	22.30	0.00
6/26/2014 19:30	22.20	24.50	16.90	12.70	11.80
6/26/2014 19:45	14.80	13.00	21.20	22.20	0.00
6/26/2014 20:00	21.00	21.40	14.00	13.50	7.90
6/26/2014 20:15	14.90	20.60	20.70	28.20	0.00
6/26/2014 20:30	20.90	26.20	14.70	27.30	11.50
6/26/2014 20:45	20.60	25.20	16.50	16.10	9.10
6/26/2014 21:00	20.80	37.00	16.60	23.20	20.40
6/26/2014 21:15	20.00	29.90	17.50	21.50	12.40
6/26/2014 21:30	19.60	31.80	17.00	20.40	14.80
6/26/2014 21:45	18.30	34.60	14.60	19.50	20.00
6/26/2014 22:00	24.80	20.90	15.60	20.70	9.20
6/26/2014 22:15	22.10	43.40	14.40	21.00	29.00
6/26/2014 22:30	19.60	27.10	20.80	24.80	6.30
6/26/2014 22:45	23.10	29.50	14.80	59.50	0.00
6/26/2014 23:00	13.80	44.70	22.90	26.90	21.80
6/26/2014 23:15	21.00	50.40	23.10	22.20	28.20
6/26/2014 23:30	21.30	62.00	23.70	23.50	38.50
6/26/2014 23:45	23.10	18.60	22.80	46.90	0.30
6/27/2014 0:00	24.50	33.80	21.90	21.10	12.70
6/27/2014 0:15	23.40	20.50	23.40	24.90	0.00
6/27/2014 0:30	17.80	11.60	24.80	22.90	0.00
6/27/2014 0:45	21.50	14.20	22.10	21.80	0.00
6/27/2014 1:00	22.70	34.50	21.50	10.90	23.60
6/27/2014 1:15	23.00	33.60	19.10	10.30	23.30
6/27/2014 1:30	19.80	11.30	21.00	28.20	0.00
6/27/2014 1:45	19.00	10.40	22.30	22.90	0.00
6/27/2014 2:00	22.90	17.00	19.30	12.10	10.80
6/27/2014 2:15	23.00	16.20	23.30	9.20	13.80
6/27/2014 2:30	19.70	9.80	25.50	19.50	0.20
6/27/2014 2:45	24.20	7.90	19.60	16.20	8.00
6/27/2014 3:00	21.40	9.10	18.70	16.40	5.00
6/27/2014 3:15	21.40	16.30	21.00	10.10	11.30
6/27/2014 3:30	21.20	18.50	22.10	9.20	12.00
6/27/2014 3:45	21.80	25.80	22.70	8.30	17.50
6/27/2014 4:00	22.30	25.10	24.80	11.00	14.10
6/27/2014 4:15	21.60	17.10	21.90	9.30	12.30



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Indiana Harbor and Canal
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(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/27/2014 4:30	23.40	10.00	22.80	35.30	0.60
6/27/2014 4:45	21.30	9.90	26.10	44.20	0.00
6/27/2014 5:00	22.00	43.60	23.40	9.50	34.10
6/27/2014 5:15	26.40	9.60	18.90	28.20	7.50
6/27/2014 5:30	20.90	21.10	21.90	8.70	12.40
6/27/2014 5:45	19.40	7.80	20.50	21.90	0.00
6/27/2014 6:00	30.40	27.00	20.70	7.20	23.20
6/27/2014 6:15	33.80	31.40	20.90	16.20	17.60
6/27/2014 6:30	30.90	48.80	21.00	7.20	41.60
6/27/2014 6:45	25.50	48.00	18.50	14.80	33.20
6/27/2014 7:00	33.40	40.80	19.30	13.80	27.00
6/27/2014 7:15	31.00	27.20	21.10	14.40	16.60
6/27/2014 7:30	21.30	14.50	22.60	34.70	0.00
6/27/2014 7:45	17.60	35.40	22.40	11.40	24.00
6/27/2014 8:00	21.80	11.80	14.00	35.20	7.80
6/27/2014 8:15	22.10	13.30	14.00	32.60	8.10
6/27/2014 8:30	14.10	28.40	21.30	13.80	14.60
6/27/2014 8:45	24.10	13.40	19.90	19.00	5.10
6/27/2014 9:00	16.40	19.00	25.50	12.40	6.60
6/27/2014 9:15	25.50	12.50	19.30	17.90	0.00
6/27/2014 9:30	24.70	12.80	17.20	15.50	9.20
6/27/2014 9:45	19.30	14.10	15.40	14.80	4.50
6/27/2014 10:00	15.00	17.60	20.20	13.30	4.30
6/27/2014 10:15	13.80	18.30	21.80	12.80	5.50
6/27/2014 10:30	21.50	12.00	15.30	17.60	6.20
6/27/2014 10:45	22.70	14.90	19.30	21.20	3.40
6/27/2014 11:00	21.80	11.40	21.30	27.70	0.50
6/27/2014 11:15	20.10	22.40	21.30	11.40	11.00
6/27/2014 11:30	23.20	17.20	22.50	11.10	12.10
6/27/2014 11:45	15.20	18.60	22.10	11.10	7.50
6/27/2014 12:00	11.40	15.00	22.80	11.20	3.80
6/27/2014 12:15	11.80	18.20	30.40	11.80	6.40
6/27/2014 12:30	19.00	20.40	25.80	11.10	9.30
6/27/2014 12:45	23.90	11.30	23.10	21.60	2.30
6/27/2014 13:00	23.10	11.90	20.70	23.40	2.40
6/27/2014 13:15	14.70	23.10	22.60	11.10	12.00
6/27/2014 13:30	13.40	14.20	23.20	12.10	2.10
6/27/2014 13:45	13.10	14.90	26.20	14.10	0.80
6/27/2014 14:00	22.80	13.50	14.90	15.20	7.90
6/27/2014 14:15	17.00	11.80	23.10	14.60	2.40
6/27/2014 14:30	18.50	16.60	22.60	14.40	4.10
6/27/2014 14:45	23.30	34.00	18.60	22.00	15.40
6/27/2014 15:00	23.00	15.80	15.80	18.80	7.20
6/27/2014 15:15	25.00	20.90	16.10	18.70	8.90
6/27/2014 15:30	14.80	15.20	22.40	18.30	0.00
6/27/2014 15:45	13.10	13.30	22.70	15.10	0.00
6/27/2014 16:00	22.30	13.50	13.00	13.90	9.30
6/27/2014 16:15	24.70	16.90	12.70	13.60	12.00
6/27/2014 16:30	26.30	10.50	12.40	15.50	13.90
6/27/2014 16:45	24.40	16.90	13.50	14.70	10.90
6/27/2014 17:00	13.40	17.60	21.10	19.10	0.00
6/27/2014 17:15	13.60	19.10	22.30	10.60	8.50
6/27/2014 17:30	13.30	21.00	22.70	14.40	6.60
6/27/2014 17:45	21.30	12.60	16.70	13.90	7.40
6/27/2014 18:00	25.70	16.00	17.40	18.50	8.30
6/27/2014 18:15	26.20	17.40	21.00	16.70	9.50
6/27/2014 18:30	25.20	17.30	18.70	16.20	9.00
6/27/2014 18:45	23.50	19.30	17.30	17.70	6.20
6/27/2014 19:00	24.80	19.70	17.00	17.50	7.80
6/27/2014 19:15	21.50	17.10	15.80	15.10	6.40
6/27/2014 19:30	22.50	10.30	16.50	15.20	7.30
6/27/2014 19:45	24.80	10.30	16.70	14.50	10.30
6/27/2014 20:00	14.70	16.00	24.40	12.60	3.40
6/27/2014 20:15	15.10	12.50	25.10	8.70	6.40
6/27/2014 20:30	14.60	12.10	24.20	10.30	4.30
6/27/2014 20:45	14.40	15.10	26.00	10.70	4.40
6/27/2014 21:00	13.80	19.10	24.40	11.30	7.80
6/27/2014 21:15	13.50	21.80	25.00	9.50	12.30
6/27/2014 21:30	12.50	28.90	25.50	9.10	19.80
6/27/2014 21:45	12.80	67.70	25.50	9.30	58.40
6/27/2014 22:00	14.30	74.00	26.60	7.60	66.40
6/27/2014 22:15	13.70	76.60	25.70	7.40	69.20
6/27/2014 22:30	13.50	57.60	23.70	9.60	48.00
6/27/2014 22:45	24.30	7.40	44.30	45.90	0.00
6/27/2014 23:00	22.40	7.00	67.10	57.90	0.00
6/27/2014 23:15	20.00	7.40	60.90	36.00	0.00
6/27/2014 23:30	21.20	8.00	17.30	11.40	9.80
6/27/2014 23:45	20.20	15.00	14.20	11.40	8.80
6/28/2014 0:00	20.20	7.10	14.30	12.30	7.90
6/28/2014 0:15	14.10	11.60	22.90	6.80	7.30
6/28/2014 0:30	15.50	13.00	20.20	10.40	5.10
6/28/2014 0:45	14.50	14.50	21.70	13.10	1.40
6/28/2014 1:00	14.40	16.50	16.30	13.20	3.30
6/28/2014 1:15	14.20	15.90	11.50	7.00	8.90
6/28/2014 1:30	13.60	17.70	12.20	23.20	5.50
6/28/2014 1:45	8.30	3.90	28.60	19.90	0.00
6/28/2014 2:00	7.00	3.90	30.40	16.20	0.00
6/28/2014 2:15	7.70	4.20	18.30	16.10	0.00
6/28/2014 2:30	7.10	4.60	22.80	14.50	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/28/2014 2:45	5.60	4.90	16.90	14.80	0.00
6/28/2014 3:00	6.00	4.80	29.50	27.50	0.00
6/28/2014 3:15	6.20	5.00	14.00	19.70	0.00
6/28/2014 3:30	6.80	5.50	15.60	6.00	0.80
6/28/2014 3:45	7.30	5.60	19.80	49.00	0.00
6/28/2014 4:00	7.00	5.10	33.30	52.50	0.00
6/28/2014 4:15	6.60	4.50	21.70	25.90	0.00
6/28/2014 4:30	6.50	4.50	32.50	35.20	0.00
6/28/2014 4:45	5.90	4.60	22.70	36.50	0.00
6/28/2014 5:00	5.80	4.50	21.80	26.00	0.00
6/28/2014 5:15	6.10	4.60	23.40	8.90	0.00
6/28/2014 5:30	6.50	4.60	20.90	6.00	0.50
6/28/2014 5:45	5.80	4.40	21.90	13.40	0.00
6/28/2014 6:00	5.90	4.30	21.30	11.40	0.00
6/28/2014 6:15	5.60	4.30	20.60	15.40	0.00
6/28/2014 6:30	5.80	4.20	20.10	13.40	0.00
6/28/2014 6:45	6.30	4.30	25.20	24.50	0.00
6/28/2014 7:00	6.10	4.50	19.20	8.10	0.00
6/28/2014 7:15	6.20	4.60	18.50	6.00	0.20
6/28/2014 7:30	6.50	4.20	17.00	5.40	1.10
6/28/2014 7:45	7.30	4.30	16.20	8.30	0.00
6/28/2014 8:00	6.80	4.20	17.00	5.50	1.30
6/28/2014 8:15	6.00	4.10	17.00	5.30	0.70
6/28/2014 8:30	5.90	4.10	19.90	21.30	0.00
6/28/2014 8:45	5.40	4.10	21.10	20.90	0.00
6/28/2014 9:00	18.90	24.80	7.60	4.20	20.60
6/28/2014 9:15	7.10	4.30	18.50	26.60	0.00
6/28/2014 9:30	7.20	4.20	24.50	11.40	0.00
6/28/2014 9:45	5.90	4.20	32.70	17.40	0.00
6/28/2014 10:00	7.10	4.20	30.70	28.60	0.00
6/28/2014 10:15	6.10	4.30	26.80	27.60	0.00
6/28/2014 10:30	32.50	23.50	6.30	4.20	28.30
6/28/2014 10:45	5.70	4.10	19.60	25.80	0.00
6/28/2014 11:00	5.70	3.90	23.90	20.90	0.00
6/28/2014 11:15	7.40	4.40	19.10	12.70	0.00
6/28/2014 11:30	7.80	4.20	19.60	15.50	0.00
6/28/2014 11:45	20.10	26.70	6.70	4.00	22.70
6/28/2014 12:00	18.10	31.10	9.20	4.20	26.90
6/28/2014 12:15	7.30	4.10	19.70	38.30	0.00
6/28/2014 12:30	7.50	5.00	18.80	16.50	0.00
6/28/2014 12:45	6.10	4.70	20.60	8.20	0.00
6/28/2014 13:00	5.50	4.30	17.90	5.10	0.40
6/28/2014 13:15	5.40	4.20	15.50	4.70	0.70
6/28/2014 13:30	5.40	4.10	12.70	5.90	0.00
6/28/2014 13:45	5.90	4.10	11.80	5.40	0.50
6/28/2014 14:00	5.80	4.20	12.40	9.80	0.00
6/28/2014 14:15	6.50	4.20	11.40	22.50	0.00
6/28/2014 14:30	6.90	4.10	19.70	22.20	0.00
6/28/2014 14:45	7.00	4.30	26.80	18.10	0.00
6/28/2014 15:00	6.90	4.20	20.10	6.30	0.60
6/28/2014 15:15	7.70	4.30	10.60	10.20	0.00
6/28/2014 15:30	14.20	18.60	7.10	4.40	14.20
6/28/2014 15:45	6.70	4.30	25.30	26.20	0.00
6/28/2014 16:00	6.80	4.30	25.60	20.40	0.00
6/28/2014 16:15	6.90	4.30	18.00	28.30	0.00
6/28/2014 16:30	6.40	4.10	15.70	22.90	0.00
6/28/2014 16:45	7.10	4.00	16.10	20.90	0.00
6/28/2014 17:00	5.90	3.90	16.00	9.40	0.00
6/28/2014 17:15	5.90	3.90	13.20	14.30	0.00
6/28/2014 17:30	5.30	3.90	12.50	15.10	0.00
6/28/2014 17:45	7.20	4.00	13.60	19.80	0.00
6/28/2014 18:00	7.10	4.30	14.70	30.80	0.00
6/28/2014 18:15	6.10	4.20	14.90	22.70	0.00
6/28/2014 18:30	7.20	4.20	21.60	20.70	0.00
6/28/2014 18:45	6.90	4.00	11.10	5.30	1.60
6/28/2014 19:00	6.20	4.10	13.30	4.90	1.30
6/28/2014 19:15	5.90	4.10	10.90	4.80	1.10
6/28/2014 19:30	6.10	4.10	12.00	4.90	1.20
6/28/2014 19:45	6.30	4.10	9.50	4.90	1.40
6/28/2014 20:00	6.50	4.10	11.40	5.10	1.40
6/28/2014 20:15	7.20	4.00	11.60	12.00	0.00
6/28/2014 20:30	7.30	4.10	12.40	23.70	0.00
6/28/2014 20:45	8.00	4.60	12.20	6.80	1.20
6/28/2014 21:00	7.10	4.10	14.50	10.00	0.00
6/28/2014 21:15	5.40	4.10	15.10	15.90	0.00
6/28/2014 21:30	4.80	4.10	16.80	10.80	0.00
6/28/2014 21:45	5.40	4.20	15.10	13.60	0.00
6/28/2014 22:00	6.00	4.10	13.20	9.60	0.00
6/28/2014 22:15	6.70	4.20	13.80	11.50	0.00
6/28/2014 22:30	7.00	4.20	13.60	14.10	0.00
6/28/2014 22:45	6.80	4.90	11.10	11.70	0.00
6/28/2014 23:00	6.80	4.50	13.40	11.80	0.00
6/28/2014 23:15	7.10	4.50	16.10	12.90	0.00
6/28/2014 23:30	5.30	4.20	13.90	9.80	0.00
6/28/2014 23:45	12.80	12.30	5.50	4.30	8.50
6/29/2014 0:00	6.70	4.30	13.80	13.80	0.00
6/29/2014 0:15	6.70	4.30	14.10	21.20	0.00
6/29/2014 0:30	8.30	4.30	13.30	19.20	0.00
6/29/2014 0:45	7.80	4.10	15.10	9.60	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/29/2014 1:00	6.90	4.10	14.80	25.20	0.00
6/29/2014 1:15	7.90	4.10	16.20	18.70	0.00
6/29/2014 1:30	5.90	4.10	19.10	11.70	0.00
6/29/2014 1:45	5.90	4.10	15.80	7.50	0.00
6/29/2014 2:00	5.50	4.10	13.50	8.90	0.00
6/29/2014 2:15	12.80	12.30	5.80	4.10	8.70
6/29/2014 2:30	28.00	39.10	6.50	4.10	35.00
6/29/2014 2:45	6.50	4.10	19.80	17.10	0.00
6/29/2014 3:00	20.20	18.60	7.40	4.20	0.00
6/29/2014 3:15	8.10	4.60	16.80	5.60	2.50
6/29/2014 3:30	8.00	4.30	13.90	5.40	2.60
6/29/2014 3:45	7.90	4.20	13.60	5.10	2.80
6/29/2014 4:00	12.10	4.60	7.60	4.10	8.00
6/29/2014 4:15	7.60	4.00	13.30	6.40	1.20
6/29/2014 4:30	6.90	4.10	14.30	5.10	1.80
6/29/2014 4:45	7.60	4.10	13.80	6.10	1.50
6/29/2014 5:00	7.80	4.10	13.80	6.10	1.70
6/29/2014 5:15	7.20	4.10	16.60	5.10	2.10
6/29/2014 5:30	6.20	4.10	17.40	11.70	0.00
6/29/2014 5:45	5.70	4.10	18.20	14.50	0.00
6/29/2014 6:00	6.70	4.10	16.80	24.60	0.00
6/29/2014 6:15	15.20	16.20	6.90	4.40	11.80
6/29/2014 6:30	7.90	4.30	18.10	16.40	0.00
6/29/2014 6:45	17.50	8.70	6.50	4.20	13.30
6/29/2014 7:00	18.40	5.20	7.10	4.20	14.20
6/29/2014 7:15	18.20	6.20	7.00	4.10	14.10
6/29/2014 7:30	5.80	4.20	18.10	4.70	1.10
6/29/2014 7:45	6.00	4.10	16.10	4.90	1.10
6/29/2014 8:00	5.70	4.30	14.40	4.70	1.00
6/29/2014 8:15	5.40	4.10	14.10	12.70	0.00
6/29/2014 8:30	15.30	7.30	6.20	4.20	11.10
6/29/2014 8:45	15.00	49.60	7.10	4.30	45.30
6/29/2014 9:00	6.40	4.50	16.70	6.40	0.00
6/29/2014 9:15	5.60	4.20	18.60	4.30	1.30
6/29/2014 9:30	5.20	4.20	14.50	4.40	0.80
6/29/2014 9:45	5.80	4.20	16.10	5.00	0.80
6/29/2014 10:00	6.10	4.30	20.30	46.10	0.00
6/29/2014 10:15	6.20	4.40	23.30	28.90	0.00
6/29/2014 10:30	17.90	5.10	6.50	4.50	13.40
6/29/2014 10:45	6.10	4.30	13.70	4.70	1.40
6/29/2014 11:00	6.50	4.60	10.40	4.70	1.80
6/29/2014 11:15	6.00	4.40	12.20	18.50	0.00
6/29/2014 11:30	5.70	4.40	13.50	33.60	0.00
6/29/2014 11:45	5.30	5.30	15.60	5.60	0.00
6/29/2014 12:00	5.80	5.20	12.00	31.50	0.00
6/29/2014 12:15	6.10	5.40	11.50	14.20	0.00
6/29/2014 12:30	6.60	4.80	13.60	6.20	0.40
6/29/2014 12:45	6.50	4.70	13.40	16.50	0.00
6/29/2014 13:00	14.50	5.30	6.30	4.50	10.00
6/29/2014 13:15	6.00	4.50	11.40	36.20	0.00
6/29/2014 13:30	12.70	30.60	5.70	4.40	26.20
6/29/2014 13:45	5.90	4.60	18.40	17.30	0.00
6/29/2014 14:00	19.70	5.00	6.30	4.70	15.00
6/29/2014 14:15	6.40	4.80	15.30	13.80	0.00
6/29/2014 14:30	6.40	4.60	11.20	15.10	0.00
6/29/2014 14:45	16.10	16.40	7.10	4.60	11.80
6/29/2014 15:00	17.30	19.30	6.70	4.60	14.70
6/29/2014 15:15	8.80	7.60	14.60	7.70	1.10
6/29/2014 15:30	14.20	20.40	8.60	7.20	13.20
6/29/2014 15:45	11.00	7.80	8.20	7.10	3.90
6/29/2014 16:00	12.30	9.70	8.20	6.70	5.60
6/29/2014 16:15	12.80	8.90	8.20	6.80	6.00
6/29/2014 16:30	13.00	10.00	8.20	7.50	5.50
6/29/2014 16:45	14.10	8.50	8.10	7.40	6.70
6/29/2014 17:00	13.00	8.00	8.40	7.20	5.80
6/29/2014 17:15	12.70	8.40	8.00	7.30	5.40
6/29/2014 17:30	13.60	8.40	8.30	7.50	6.10
6/29/2014 17:45	8.30	7.70	14.50	7.50	0.80
6/29/2014 18:00	14.30	13.40	8.30	7.40	6.90
6/29/2014 18:15	14.70	11.30	8.50	9.10	6.20
6/29/2014 18:30	14.60	8.40	8.50	13.20	6.10
6/29/2014 18:45	8.20	11.50	13.80	8.90	2.60
6/29/2014 19:00	12.90	8.70	8.10	9.70	4.80
6/29/2014 19:15	8.30	7.50	13.90	9.10	0.00
6/29/2014 19:30	13.90	8.60	8.20	8.20	5.70
6/29/2014 19:45	15.90	9.50	8.50	7.70	0.00
6/29/2014 20:00	9.50	12.20	17.70	10.00	2.20
6/29/2014 20:15	17.60	9.70	7.40	18.20	10.20
6/29/2014 20:30	15.90	9.80	8.00	15.80	7.90
6/29/2014 20:45	16.60	9.70	9.10	13.20	0.00
6/29/2014 21:00	12.30	11.90	17.40	8.20	4.10
6/29/2014 21:15	16.40	7.20	10.30	13.10	6.10
6/29/2014 21:30	17.20	7.40	8.60	11.60	8.60
6/29/2014 21:45	8.70	9.10	17.60	7.40	1.70
6/29/2014 22:00	21.00	7.70	8.30	11.70	12.70
6/29/2014 22:15	8.10	9.70	21.30	7.90	1.80
6/29/2014 22:30	8.30	20.10	17.70	6.60	13.50
6/29/2014 22:45	7.70	33.70	20.50	6.20	27.50
6/29/2014 23:00	7.70	28.00	12.70	6.60	21.40



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/29/2014 23:15	8.10	12.10	12.90	7.10	5.00
6/29/2014 23:30	16.60	6.30	8.10	12.00	8.50
6/29/2014 23:45	8.10	33.40	14.90	8.00	25.40
6/30/2014 0:00	8.20	41.60	17.00	8.50	33.10
6/30/2014 0:15	15.70	6.40	7.90	24.20	7.80
6/30/2014 0:30	7.80	36.00	14.40	6.40	29.60
6/30/2014 0:45	8.70	37.00	15.30	6.00	31.00
6/30/2014 1:00	8.50	36.50	15.40	6.30	30.20
6/30/2014 1:15	12.20	13.20	13.70	6.30	6.90
6/30/2014 1:30	11.70	17.00	17.40	6.20	10.80
6/30/2014 1:45	16.90	5.90	10.00	25.00	0.00
6/30/2014 2:00	19.10	5.90	10.10	21.60	9.00
6/30/2014 2:15	21.30	6.20	9.40	50.30	11.90
6/30/2014 2:30	20.40	6.50	9.40	56.40	11.00
6/30/2014 2:45	12.10	31.80	21.40	7.60	24.20
6/30/2014 3:00	21.20	14.20	8.10	43.10	13.10
6/30/2014 3:15	20.50	7.80	8.60	47.00	11.90
6/30/2014 3:30	24.20	10.10	9.00	54.60	15.20
6/30/2014 3:45	22.60	8.20	46.00	40.80	0.00
6/30/2014 4:00	9.00	53.50	20.30	7.50	46.00
6/30/2014 4:15	8.60	51.00	19.20	7.70	43.30
6/30/2014 4:30	24.50	7.90	28.60	74.20	0.00
6/30/2014 4:45	53.70	19.80	24.50	8.10	45.60
6/30/2014 5:00	22.10	7.70	30.10	22.80	0.00
6/30/2014 5:15	10.50	33.50	17.20	5.80	27.70
6/30/2014 5:30	10.20	56.30	13.10	5.70	50.60
6/30/2014 5:45	12.80	51.80	16.60	5.70	46.10
6/30/2014 6:00	11.00	5.40	33.70	50.20	0.00
6/30/2014 6:15	14.10	5.70	13.60	12.70	1.40
6/30/2014 6:30	10.50	7.80	19.80	5.60	4.90
6/30/2014 6:45	19.70	6.30	14.30	7.70	12.00
6/30/2014 7:00	14.60	9.90	18.00	6.00	8.60
6/30/2014 7:15	12.60	11.00	19.70	6.90	5.70
6/30/2014 7:30	16.80	10.80	17.30	7.50	9.30
6/30/2014 7:45	14.30	14.30	17.80	7.10	7.20
6/30/2014 8:00	11.90	7.70	17.30	7.80	4.10
6/30/2014 8:15	20.10	13.30	11.50	9.90	10.20
6/30/2014 8:30	11.00	17.50	17.10	13.60	3.90
6/30/2014 8:45	11.10	16.20	15.10	11.70	4.50
6/30/2014 9:00	12.60	12.80	17.20	8.50	4.30
6/30/2014 9:15	15.80	8.30	10.90	9.60	0.00
6/30/2014 9:30	17.50	8.40	11.00	9.40	8.10
6/30/2014 9:45	10.80	9.50	15.20	8.60	2.20
6/30/2014 10:00	16.20	13.80	10.80	11.20	5.40
6/30/2014 10:15	9.90	9.10	16.90	16.00	0.00
6/30/2014 10:30	10.20	9.20	21.50	18.00	0.00
6/30/2014 10:45	10.30	9.00	20.30	17.30	0.00
6/30/2014 11:00	19.60	16.30	10.10	8.60	11.00
6/30/2014 11:15	20.00	11.90	10.10	8.80	11.20
6/30/2014 11:30	10.60	7.10	18.80	9.00	1.60
6/30/2014 11:45	15.80	8.00	16.20	14.50	1.30
6/30/2014 12:00	15.10	8.40	15.90	9.00	6.10
6/30/2014 12:15	16.40	8.90	17.00	6.50	9.90
6/30/2014 12:30	16.40	7.20	20.00	11.80	4.60
6/30/2014 12:45	18.70	14.70	16.10	6.80	11.90
6/30/2014 13:00	15.00	11.30	14.50	6.90	8.10
6/30/2014 13:15	13.80	12.60	18.60	16.20	0.00
6/30/2014 13:30	13.70	7.40	21.40	12.70	1.00
6/30/2014 13:45	13.40	6.90	18.30	10.20	3.20
6/30/2014 14:00	13.40	9.80	21.40	7.70	5.70
6/30/2014 14:15	12.90	12.10	20.50	10.60	2.30
6/30/2014 14:30	23.90	10.70	13.10	9.90	0.00
6/30/2014 14:45	26.40	11.70	12.90	8.50	17.90
6/30/2014 15:00	19.00	8.00	12.90	8.80	10.20
6/30/2014 15:15	22.20	7.70	12.60	19.30	9.60
6/30/2014 15:30	27.20	6.60	12.20	12.30	15.00
6/30/2014 15:45	13.10	10.60	24.00	6.50	6.60
6/30/2014 16:00	15.50	9.20	13.90	13.20	2.30
6/30/2014 16:15	20.10	6.40	14.20	50.90	5.90
6/30/2014 16:30	26.40	32.20	19.40	9.70	22.50
6/30/2014 16:45	13.90	62.40	19.90	8.10	54.30
6/30/2014 17:00	14.20	36.40	18.20	5.90	30.50
6/30/2014 17:15	13.20	21.90	19.20	6.40	15.50
6/30/2014 17:30	13.40	13.50	17.60	6.40	7.10
6/30/2014 17:45	16.90	8.50	13.30	20.70	3.60
6/30/2014 18:00	16.90	8.80	13.30	22.40	3.60
6/30/2014 18:15	11.80	17.50	17.00	9.20	8.30
6/30/2014 18:30	19.20	7.10	12.00	27.50	7.20
6/30/2014 18:45	20.20	7.10	13.40	18.30	6.80
6/30/2014 19:00	20.50	7.90	25.30	16.50	4.00
6/30/2014 19:15	24.30	6.90	13.00	22.50	11.30
6/30/2014 19:30	22.70	7.20	13.00	15.00	9.70
6/30/2014 19:45	17.40	8.00	11.80	14.50	5.60
6/30/2014 20:00	15.00	15.80	18.00	7.50	8.30
6/30/2014 20:15	13.10	38.40	15.80	8.10	30.30
6/30/2014 20:30	16.30	13.10	12.20	26.40	4.10
6/30/2014 20:45	11.80	28.50	17.20	9.50	19.00
6/30/2014 21:00	18.60	9.10	12.50	27.50	6.10
6/30/2014 21:15	19.50	9.70	20.10	27.80	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/30/2014 21:30	23.30	24.20	18.70	7.80	16.40
6/30/2014 21:45	20.60	19.00	17.30	7.40	13.20
6/30/2014 22:00	18.70	6.20	16.10	27.40	2.60
6/30/2014 22:15	13.90	24.80	18.00	7.60	17.20
6/30/2014 22:30	13.20	10.10	17.90	7.40	5.80
6/30/2014 22:45	13.40	8.30	12.90	9.90	3.50
6/30/2014 23:00	14.30	16.50	12.10	10.50	6.00
6/30/2014 23:15	11.70	10.70	12.80	15.00	0.00
6/30/2014 23:30	12.20	12.00	11.00	10.30	1.90
6/30/2014 23:45	12.00	11.40	12.40	12.30	0.00
7/1/2014 0:00	13.90	14.00	12.40	14.00	1.60
7/1/2014 0:15	12.40	13.70	13.00	12.10	1.60
7/1/2014 0:30	12.70	11.30	12.50	10.80	1.90
7/1/2014 0:45	14.30	10.80	13.10	11.00	3.30
7/1/2014 1:00	13.80	12.70	12.60	11.10	2.70
7/1/2014 1:15	12.70	10.60	12.90	11.10	1.60
7/1/2014 1:30	12.40	11.30	12.70	11.30	1.10
7/1/2014 1:45	13.20	9.70	12.20	11.00	2.20
7/1/2014 2:00	12.30	10.30	13.30	9.10	3.20
7/1/2014 2:15	13.00	10.20	13.00	11.10	1.90
7/1/2014 2:30	14.50	11.40	12.70	10.30	4.20
7/1/2014 2:45	12.20	10.40	14.20	11.30	0.90
7/1/2014 3:00	15.20	10.50	12.00	9.60	5.60
7/1/2014 3:15	15.70	11.30	12.70	9.60	6.10
7/1/2014 3:30	12.90	14.10	15.80	10.80	3.30
7/1/2014 3:45	15.00	9.60	13.00	12.50	2.50
7/1/2014 4:00	14.50	9.70	13.00	36.70	1.50
7/1/2014 4:15	12.90	11.20	15.10	9.50	3.40
7/1/2014 4:30	15.50	10.00	13.00	18.70	2.50
7/1/2014 4:45	15.90	11.10	13.30	17.90	2.60
7/1/2014 5:00	13.50	21.60	17.80	10.40	11.20
7/1/2014 5:15	22.50	10.90	13.40	14.00	9.10
7/1/2014 5:30	13.10	11.40	16.70	10.60	2.50
7/1/2014 5:45	18.00	10.60	13.00	10.30	7.70
7/1/2014 6:00	16.00	10.70	13.10	10.40	5.60
7/1/2014 6:15	17.30	10.80	13.00	24.30	4.30
7/1/2014 6:30	17.70	10.90	12.80	12.90	4.90
7/1/2014 6:45	13.00	28.80	17.60	10.40	18.40
7/1/2014 7:00	13.00	11.10	16.80	12.10	0.90
7/1/2014 7:15	16.50	9.90	13.00	11.10	5.40
7/1/2014 7:30	12.90	11.10	16.30	11.70	1.20
7/1/2014 7:45	16.80	11.30	13.50	11.30	5.50
7/1/2014 8:00	13.30	11.40	17.30	13.00	0.30
7/1/2014 8:15	13.80	12.00	18.50	11.90	1.90
7/1/2014 8:30	13.80	12.00	17.30	12.20	1.60
7/1/2014 8:45	13.70	11.80	18.00	12.80	0.90
7/1/2014 9:00	18.40	14.10	14.00	12.30	6.10
7/1/2014 9:15	17.70	12.70	14.90	13.20	4.50
7/1/2014 9:30	15.50	13.20	17.60	12.70	2.80
7/1/2014 9:45	16.00	14.30	16.20	14.10	1.90
7/1/2014 10:00	16.20	14.20	17.80	11.70	4.50
7/1/2014 10:15	15.90	13.70	15.60	13.50	2.40
7/1/2014 10:30	16.20	13.20	15.80	13.70	0.00
7/1/2014 10:45	15.10	13.20	15.90	13.80	1.30
7/1/2014 11:00	16.00	13.30	15.30	12.20	3.80
7/1/2014 11:15	15.80	12.40	16.70	12.90	2.90
7/1/2014 11:30	15.30	13.30	15.60	11.40	3.90
7/1/2014 11:45	14.90	12.90	16.10	13.20	1.70
7/1/2014 12:00	15.00	12.60	15.20	12.60	2.40
7/1/2014 12:15	15.70	11.90	15.40	13.00	2.70
7/1/2014 12:30	15.50	13.10	16.50	9.70	5.80
7/1/2014 12:45	15.10	13.10	14.70	11.00	4.10
7/1/2014 13:00	15.00	13.10	15.70	11.40	3.60
7/1/2014 13:15	15.20	13.30	15.80	11.00	4.20
7/1/2014 13:30	14.10	11.90	15.10	14.50	0.00
7/1/2014 13:45	14.70	41.90	15.70	11.20	30.70
7/1/2014 14:00	14.50	39.20	15.90	35.80	23.30
7/1/2014 14:15	14.30	31.80	16.70	17.80	15.10
7/1/2014 14:30	14.20	12.40	16.70	13.10	1.10
7/1/2014 14:45	14.30	33.00	17.90	14.00	19.00
7/1/2014 15:00	27.10	13.90	14.20	32.90	12.90
7/1/2014 15:15	14.50	12.50	19.90	13.40	1.10
7/1/2014 15:30	14.80	10.00	14.30	12.20	2.60
7/1/2014 15:45	14.20	13.70	19.70	12.40	1.80
7/1/2014 16:00	14.60	19.90	16.40	18.50	3.50
7/1/2014 16:15	14.70	16.50	14.00	17.40	2.50
7/1/2014 16:30	14.90	7.80	14.50	12.50	2.40
7/1/2014 16:45	19.00	11.10	14.50	12.40	6.60
7/1/2014 17:00	20.20	12.50	14.30	12.30	0.00
7/1/2014 17:15	14.10	14.30	15.00	13.10	1.20
7/1/2014 17:30	14.80	14.60	19.30	14.20	0.60
7/1/2014 17:45	15.30	15.50	17.90	13.80	1.70
7/1/2014 18:00	14.30	12.50	14.00	12.50	1.80
7/1/2014 18:15	14.80	12.50	13.30	11.20	3.60
7/1/2014 18:30	15.10	13.60	14.20	10.20	4.90
7/1/2014 18:45	15.10	21.80	13.10	12.10	9.70
7/1/2014 19:00	15.30	19.60	12.60	10.40	9.20
7/1/2014 19:15	15.60	14.90	12.90	11.30	4.30
7/1/2014 19:30	16.10	13.80	13.30	12.80	3.30



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/1/2014 19:45	15.80	13.80	15.30	10.70	5.10
7/1/2014 20:00	15.20	10.50	15.60	24.00	0.00
7/1/2014 20:15	14.30	13.30	15.70	13.40	0.90
7/1/2014 20:30	15.80	13.50	14.70	12.00	3.80
7/1/2014 20:45	16.10	9.70	15.80	14.70	1.40
7/1/2014 21:00	14.20	16.10	15.60	16.70	0.50
7/1/2014 21:15	16.10	9.20	15.50	15.10	1.00
7/1/2014 21:30	16.60	8.60	15.30	13.70	2.90
7/1/2014 21:45	16.90	9.00	15.20	12.90	4.00
7/1/2014 22:00	17.50	9.90	14.90	12.80	4.70
7/1/2014 22:15	19.00	17.00	16.40	14.40	4.60
7/1/2014 22:30	15.30	16.20	18.30	11.40	4.80
7/1/2014 22:45	16.40	10.30	14.50	16.40	1.90
7/1/2014 23:00	16.90	8.70	14.40	19.10	2.50
7/1/2014 23:15	16.00	14.20	14.30	17.10	1.70
7/1/2014 23:30	14.10	20.50	15.50	13.40	7.10
7/1/2014 23:45	14.10	16.80	15.90	12.70	4.10
7/2/2014 0:00	14.30	15.60	15.60	12.00	3.60
7/2/2014 0:15	16.60	12.90	16.80	17.70	0.00
7/2/2014 0:30	14.90	33.80	14.10	12.70	21.10
7/2/2014 0:45	16.10	13.80	14.00	25.20	2.10
7/2/2014 1:00	14.70	9.70	13.60	18.50	0.00
7/2/2014 1:15	13.40	21.30	15.10	6.80	14.50
7/2/2014 1:30	15.20	8.70	13.20	11.40	3.80
7/2/2014 1:45	16.50	10.30	13.00	25.90	3.50
7/2/2014 2:00	16.80	15.90	13.20	24.00	3.60
7/2/2014 2:15	16.90	9.40	17.80	26.50	0.00
7/2/2014 2:30	13.50	21.30	16.70	11.70	9.60
7/2/2014 2:45	12.80	11.50	16.90	10.60	2.20
7/2/2014 3:00	16.60	11.70	12.70	12.00	4.60
7/2/2014 3:15	16.00	25.00	17.10	10.00	15.00
7/2/2014 3:30	17.70	13.60	23.80	22.10	0.00
7/2/2014 3:45	16.80	11.60	14.40	25.00	2.40
7/2/2014 4:00	15.50	22.50	16.90	11.30	11.20
7/2/2014 4:15	14.60	12.70	16.60	10.10	4.50
7/2/2014 4:30	12.30	15.20	16.10	15.70	0.00
7/2/2014 4:45	14.30	28.60	15.30	12.70	15.90
7/2/2014 5:00	15.10	15.70	15.80	24.10	0.00
7/2/2014 5:15	15.50	13.10	16.80	13.30	2.20
7/2/2014 5:30	14.80	12.80	16.70	16.50	0.00
7/2/2014 5:45	14.70	28.20	21.00	16.60	11.60
7/2/2014 6:00	17.20	15.90	14.40	19.80	2.80
7/2/2014 6:15	14.10	15.60	20.90	14.40	1.20
7/2/2014 6:30	21.70	11.10	13.20	11.10	0.00
7/2/2014 6:45	13.30	19.40	23.00	11.90	7.50
7/2/2014 7:00	15.40	22.20	23.10	18.30	3.90
7/2/2014 7:15	18.50	13.90	14.50	23.60	4.00
7/2/2014 7:30	14.10	14.90	17.70	11.20	3.70
7/2/2014 7:45	16.70	8.10	14.10	11.80	4.90
7/2/2014 8:00	13.60	14.00	18.10	19.00	0.00
7/2/2014 8:15	15.10	18.30	18.80	20.00	0.00
7/2/2014 8:30	17.10	19.60	13.90	17.20	5.70
7/2/2014 8:45	16.90	16.40	14.20	20.10	2.70
7/2/2014 9:00	13.90	12.00	17.90	10.50	3.40
7/2/2014 9:15	14.30	14.70	18.30	9.60	5.10
7/2/2014 9:30	15.00	26.50	16.50	14.90	11.60
7/2/2014 9:45	14.90	31.70	16.40	10.80	20.90
7/2/2014 10:00	15.30	12.90	17.00	11.40	3.90
7/2/2014 10:15	14.80	12.60	15.80	10.30	4.50
7/2/2014 10:30	16.20	13.50	14.70	30.50	1.50
7/2/2014 10:45	23.70	30.70	15.10	17.20	15.60
7/2/2014 11:00	14.60	59.10	16.30	18.40	42.80
7/2/2014 11:15	14.30	13.30	13.90	20.70	0.40
7/2/2014 11:30	15.30	20.40	14.70	11.60	8.80
7/2/2014 11:45	14.70	48.60	23.60	13.30	35.30
7/2/2014 12:00	23.10	15.00	14.60	55.60	8.50
7/2/2014 12:15	21.70	48.50	13.40	17.40	35.10
7/2/2014 12:30	14.70	43.20	13.10	15.20	30.10
7/2/2014 12:45	14.50	12.40	14.60	15.60	0.00
7/2/2014 13:00	14.20	14.50	14.30	12.50	2.00
7/2/2014 13:15	14.00	32.70	17.00	16.20	16.50
7/2/2014 13:30	15.30	24.60	16.30	18.90	8.30
7/2/2014 13:45	14.00	15.90	13.90	31.70	2.00
7/2/2014 14:00	13.20	26.70	16.30	17.20	10.40
7/2/2014 14:15	21.60	16.80	13.10	11.30	10.30
7/2/2014 14:30	12.90	33.50	16.20	21.40	17.30
7/2/2014 14:45	16.00	33.90	16.70	20.20	17.20
7/2/2014 15:00	21.50	13.10	14.80	10.20	11.30
7/2/2014 15:15	23.20	15.30	14.90	10.10	13.10
7/2/2014 15:30	15.10	11.60	27.10	16.00	0.00
7/2/2014 15:45	15.00	27.20	19.20	17.10	10.10
7/2/2014 16:00	18.60	16.80	27.00	31.50	0.00
7/2/2014 16:15	16.50	15.20	21.90	57.30	0.00
7/2/2014 16:30	16.40	17.00	19.30	64.30	0.00
7/2/2014 16:45	17.10	15.30	14.90	76.60	2.20
7/2/2014 17:00	14.70	82.60	17.60	19.00	65.00
7/2/2014 17:15	17.40	32.00	17.00	17.40	15.00
7/2/2014 17:30	17.20	36.90	16.80	16.00	20.90
7/2/2014 17:45	16.10	14.70	27.30	53.70	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/2/2014 18:00	27.80	51.60	15.70	15.20	36.40
7/2/2014 18:15	37.50	20.60	16.60	14.10	23.40
7/2/2014 18:30	25.40	48.30	16.70	12.60	35.70
7/2/2014 18:45	16.70	16.20	16.00	20.60	0.70
7/2/2014 19:00	16.90	14.50	15.90	24.70	1.00
7/2/2014 19:15	16.90	15.00	15.80	41.50	1.10
7/2/2014 19:30	16.30	15.90	15.80	42.80	0.50
7/2/2014 19:45	16.90	14.10	15.60	45.40	1.30
7/2/2014 20:00	16.80	13.00	15.00	45.10	1.80
7/2/2014 20:15	15.90	13.90	19.20	44.60	0.00
7/2/2014 20:30	15.70	42.50	15.40	14.80	27.70
7/2/2014 20:45	18.60	3.80	11.60	14.30	7.00
7/2/2014 21:00	4.70	3.90	6.80	5.40	0.00
7/2/2014 21:15	5.10	4.10	6.80	6.40	0.00
7/2/2014 21:30	4.90	4.00	6.70	6.10	0.00
7/2/2014 21:45	5.00	4.10	6.80	6.30	0.00
7/2/2014 22:00	4.90	4.20	6.90	6.10	0.00
7/2/2014 22:15	4.90	4.00	6.60	5.80	0.00
7/2/2014 22:30	4.90	4.10	6.50	5.70	0.00
7/2/2014 22:45	5.40	4.10	6.60	5.40	0.00
7/2/2014 23:00	4.90	4.10	6.60	5.30	0.00
7/2/2014 23:15	5.00	4.10	6.60	5.30	0.00
7/2/2014 23:30	6.60	5.30	4.90	4.10	2.50
7/2/2014 23:45	6.50	5.30	4.90	4.00	2.50
7/3/2014 0:00	6.70	5.20	4.80	4.10	2.60
7/3/2014 0:15	6.60	5.30	4.90	4.00	2.60
7/3/2014 0:30	6.70	5.30	4.90	4.00	2.70
7/3/2014 0:45	4.80	4.10	6.70	5.30	0.00
7/3/2014 1:00	4.90	4.20	6.70	5.30	0.00
7/3/2014 1:15	5.00	4.10	6.60	5.20	0.00
7/3/2014 1:30	4.80	4.10	6.60	5.20	0.00
7/3/2014 1:45	6.70	5.20	4.80	4.10	2.60
7/3/2014 2:00	6.60	5.20	4.80	4.60	2.00
7/3/2014 2:15	6.60	5.20	4.90	4.00	2.60
7/3/2014 2:30	4.90	4.00	6.60	5.30	0.00
7/3/2014 2:45	5.40	5.70	6.70	5.30	0.40
7/3/2014 3:00	5.00	4.00	6.60	5.30	0.00
7/3/2014 3:15	5.00	4.00	6.70	5.30	0.00
7/3/2014 3:30	6.60	5.30	4.90	4.20	2.40
7/3/2014 3:45	4.80	4.00	6.60	5.20	0.00
7/3/2014 4:00	6.60	5.20	4.80	4.00	2.60
7/3/2014 4:15	5.30	3.90	6.70	5.30	0.00
7/3/2014 4:30	4.80	3.90	6.60	5.20	0.00
7/3/2014 4:45	6.70	5.30	4.80	3.90	2.80
7/3/2014 5:00	6.60	5.10	4.70	3.80	2.80
7/3/2014 5:15	6.70	5.10	4.70	3.80	2.90
7/3/2014 5:30	7.00	5.00	4.60	3.80	3.20
7/3/2014 5:45	4.70	3.80	7.20	5.10	0.00
7/3/2014 6:00	8.00	6.10	4.50	3.90	4.10
7/3/2014 6:15	8.50	8.00	4.50	5.50	4.00
7/3/2014 6:30	10.30	8.60	4.90	6.10	5.40
7/3/2014 6:45	7.50	6.50	11.10	8.80	0.00
7/3/2014 7:00	9.70	6.80	11.80	10.50	0.00
7/3/2014 7:15	13.40	10.80	10.70	7.00	6.40
7/3/2014 7:30	13.70	10.60	11.10	7.10	6.60
7/3/2014 7:45	11.50	7.40	13.90	10.60	0.90
7/3/2014 8:00	13.40	7.80	13.90	10.60	2.80
7/3/2014 8:15	13.90	7.90	13.90	10.70	3.20
7/3/2014 8:30	14.10	10.80	13.80	8.10	6.00
7/3/2014 8:45	14.60	10.90	13.70	8.50	6.10
7/3/2014 9:00	15.00	11.00	13.90	8.60	6.40
7/3/2014 9:15	15.50	10.90	13.80	8.70	6.80
7/3/2014 9:30	15.90	11.10	13.80	8.70	7.20
7/3/2014 9:45	14.00	8.60	17.30	11.10	2.90
7/3/2014 10:00	13.90	8.60	17.60	11.10	2.80
7/3/2014 10:15	17.80	11.10	14.10	8.70	9.10
7/3/2014 10:30	17.80	11.30	14.10	8.80	9.00
7/3/2014 10:45	17.90	11.30	13.90	8.80	9.10
7/3/2014 11:00	13.50	8.80	17.80	11.10	2.40
7/3/2014 11:15	13.00	8.70	17.80	10.60	2.40
7/3/2014 11:30	15.90	8.80	18.00	11.00	4.90
7/3/2014 11:45	18.10	10.70	12.10	8.70	9.40
7/3/2014 12:00	18.10	10.20	14.60	8.90	9.20
7/3/2014 12:15	13.90	8.70	18.10	11.10	2.80
7/3/2014 12:30	14.10	8.60	18.20	11.20	2.90
7/3/2014 12:45	14.50	8.80	18.20	11.10	3.40
7/3/2014 13:00	14.10	8.80	18.00	11.20	2.90
7/3/2014 13:15	18.10	11.20	14.10	8.60	9.50
7/3/2014 13:30	14.10	8.80	18.10	11.30	2.80
7/3/2014 13:45	14.40	8.80	18.30	11.20	3.20
7/3/2014 14:00	18.50	11.20	14.20	8.90	9.60
7/3/2014 14:15	9.90	8.90	18.10	11.30	0.00
7/3/2014 14:30	10.80	9.00	18.10	11.30	0.00
7/3/2014 14:45	18.10	11.30	8.30	9.00	9.80
7/3/2014 15:00	13.50	9.00	18.00	11.40	2.10
7/3/2014 15:15	18.00	11.40	11.70	9.00	9.00
7/3/2014 15:30	13.90	8.80	3.90	11.10	10.00
7/3/2014 15:45	3.70	11.00	14.20	8.80	2.20
7/3/2014 16:00	6.90	11.10	14.10	8.80	2.30



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/3/2014 16:15	14.30	8.70	18.10	11.10	3.20
7/3/2014 16:30	14.10	8.60	18.20	11.00	3.10
7/3/2014 16:45	18.10	11.10	14.20	8.50	9.60
7/3/2014 17:00	14.10	8.40	18.10	11.10	3.00
7/3/2014 17:15	24.70	8.90	18.20	11.30	13.40
7/3/2014 17:30	18.20	11.30	13.00	9.00	9.20
7/3/2014 17:45	18.10	11.40	13.90	9.00	9.10
7/3/2014 18:00	14.00	9.10	18.20	11.30	2.70
7/3/2014 18:15	18.20	11.40	13.80	9.00	9.20
7/3/2014 18:30	18.00	11.40	13.80	9.10	8.90
7/3/2014 18:45	13.80	9.10	18.10	11.60	2.20
7/3/2014 19:00	13.60	9.10	15.60	11.70	1.90
7/3/2014 19:15	13.60	9.30	2.50	11.70	11.10
7/3/2014 19:30	4.00	11.70	13.60	9.20	2.50
7/3/2014 19:45	18.10	11.70	13.70	9.20	8.90
7/3/2014 20:00	18.00	11.80	13.60	9.20	8.80
7/3/2014 20:15	13.70	9.30	17.90	11.70	2.00
7/3/2014 20:30	13.50	9.30	18.00	11.80	1.70
7/3/2014 20:45	18.00	11.80	13.50	9.40	8.60
7/3/2014 21:00	17.90	11.80	13.40	9.50	8.40
7/3/2014 21:15	13.50	9.40	17.90	11.90	1.60
7/3/2014 21:30	13.40	9.40	17.80	11.90	1.50
7/3/2014 21:45	13.30	9.60	17.80	11.90	1.40
7/3/2014 22:00	17.70	11.90	13.30	9.50	8.20
7/3/2014 22:15	13.30	9.50	17.70	11.90	1.40
7/3/2014 22:30	17.70	11.80	13.20	9.60	8.10
7/3/2014 22:45	17.70	11.80	13.20	9.50	8.20
7/3/2014 23:00	13.10	9.50	17.60	11.80	1.30
7/3/2014 23:15	13.20	9.60	17.60	11.80	1.40
7/3/2014 23:30	13.10	9.60	17.60	11.80	1.30
7/3/2014 23:45	13.20	9.50	17.60	11.80	1.40
7/4/2014 0:00	17.60	11.70	13.20	9.40	8.20
7/4/2014 0:15	17.60	11.80	13.00	9.50	8.10
7/4/2014 0:30	13.10	9.40	17.60	11.90	1.20
7/4/2014 0:45	13.20	9.50	17.60	11.80	1.40
7/4/2014 1:00	17.60	11.80	13.10	9.40	8.20
7/4/2014 1:15	17.60	11.80	13.10	9.40	8.20
7/4/2014 1:30	13.10	9.40	17.60	11.90	1.20
7/4/2014 1:45	13.20	9.40	17.60	11.80	1.40
7/4/2014 2:00	13.10	9.50	17.60	11.70	1.40
7/4/2014 2:15	13.00	9.40	17.50	11.90	1.10
7/4/2014 2:30	13.10	9.40	17.50	11.90	1.20
7/4/2014 2:45	13.10	9.60	17.60	11.90	1.20
7/4/2014 3:00	13.10	9.50	17.50	11.90	1.20
7/4/2014 3:15	13.10	9.40	17.50	11.90	1.20
7/4/2014 3:30	17.60	11.90	13.00	9.50	8.10
7/4/2014 3:45	13.20	9.50	17.60	11.90	1.30
7/4/2014 4:00	13.10	9.40	17.50	12.00	1.10
7/4/2014 4:15	13.00	9.50	17.40	11.80	1.20
7/4/2014 4:30	18.60	9.50	17.50	11.90	6.70
7/4/2014 4:45	13.30	9.60	17.50	11.90	1.40
7/4/2014 5:00	17.60	11.80	13.00	9.50	8.10
7/4/2014 5:15	13.20	9.50	17.60	11.90	1.30
7/4/2014 5:30	13.00	9.50	17.50	11.90	1.10
7/4/2014 5:45	17.50	11.80	13.00	9.60	7.90
7/4/2014 6:00	17.50	11.60	13.10	9.50	8.00
7/4/2014 6:15	17.50	11.60	13.10	9.50	8.00
7/4/2014 6:30	13.10	9.60	17.50	11.60	1.50
7/4/2014 6:45	17.50	11.60	13.20	9.40	8.10
7/4/2014 7:00	13.20	9.40	17.50	11.70	1.50
7/4/2014 7:15	17.60	11.60	13.30	9.40	8.20
7/4/2014 7:30	13.50	9.40	17.60	11.60	1.90
7/4/2014 7:45	13.50	9.30	17.70	11.60	1.90
7/4/2014 8:00	17.60	11.50	13.50	9.30	8.30
7/4/2014 8:15	17.60	11.50	13.60	9.20	8.40
7/4/2014 8:30	13.70	9.20	17.80	11.50	2.20
7/4/2014 8:45	13.70	9.20	17.80	11.50	2.20
7/4/2014 9:00	17.60	11.50	13.70	9.10	8.50
7/4/2014 9:15	17.80	11.50	13.90	9.10	0.00
7/4/2014 9:30	13.80	9.00	17.80	11.50	2.30
7/4/2014 9:45	13.90	9.00	17.80	11.50	2.40
7/4/2014 10:00	14.00	8.90	17.70	11.50	2.50
7/4/2014 10:15	14.00	8.90	17.70	11.60	2.40
7/4/2014 10:30	13.90	8.90	17.80	11.40	2.50
7/4/2014 10:45	13.80	8.80	17.90	11.30	2.50
7/4/2014 11:00	13.30	8.70	17.80	10.00	3.30
7/4/2014 11:15	12.90	8.60	17.80	9.40	3.50
7/4/2014 11:30	11.80	8.60	17.90	9.00	2.80
7/4/2014 11:45	11.90	8.50	18.00	8.80	3.10
7/4/2014 12:00	12.50	8.40	17.90	8.90	3.60
7/4/2014 12:15	13.60	8.30	17.90	10.40	3.20
7/4/2014 12:30	18.30	11.30	14.40	8.20	10.10
7/4/2014 12:45	14.20	8.30	18.20	11.40	2.80
7/4/2014 13:00	14.20	8.80	18.20	11.40	2.80
7/4/2014 13:15	18.20	11.50	14.10	8.60	9.60
7/4/2014 13:30	18.10	11.30	13.90	8.80	9.30
7/4/2014 13:45	17.90	11.40	14.10	8.70	9.20
7/4/2014 14:00	13.30	8.80	18.00	11.40	1.90
7/4/2014 14:15	18.00	11.40	12.60	8.80	9.20



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/4/2014 14:30	17.90	11.30	9.30	8.90	9.00
7/4/2014 14:45	18.00	11.30	7.90	8.90	10.10
7/4/2014 15:00	8.10	8.90	17.90	11.40	0.00
7/4/2014 15:15	11.30	8.90	17.70	11.40	0.00
7/4/2014 15:30	13.20	8.80	4.30	11.10	8.90
7/4/2014 15:45	5.90	11.10	14.20	8.80	0.00
7/4/2014 16:00	15.80	11.20	14.20	8.80	7.00
7/4/2014 16:15	17.80	11.20	14.00	8.80	9.00
7/4/2014 16:30	17.90	11.00	14.20	8.50	9.40
7/4/2014 16:45	17.90	11.00	14.00	8.40	9.50
7/4/2014 17:00	14.10	8.40	17.90	11.20	2.90
7/4/2014 17:15	13.90	8.60	17.80	11.30	2.60
7/4/2014 17:30	17.80	11.30	11.50	8.60	9.20
7/4/2014 17:45	13.80	8.70	17.80	11.40	2.40
7/4/2014 18:00	18.00	11.40	14.00	8.70	9.30
7/4/2014 18:15	13.80	8.70	17.90	11.40	2.40
7/4/2014 18:30	17.80	11.40	13.70	8.70	9.10
7/4/2014 18:45	13.60	8.90	17.80	11.40	2.20
7/4/2014 19:00	13.80	11.40	13.60	9.00	4.80
7/4/2014 19:15	3.40	11.50	13.60	9.00	2.50
7/4/2014 19:30	13.40	9.00	8.50	11.40	4.90
7/4/2014 19:45	17.70	11.60	13.60	9.00	8.70
7/4/2014 20:00	17.70	11.60	13.70	9.10	8.60
7/4/2014 20:15	13.30	9.20	17.60	11.50	1.80
7/4/2014 20:30	17.70	11.60	13.50	9.10	8.60
7/4/2014 20:45	17.50	11.60	13.50	9.10	8.40
7/4/2014 21:00	17.50	11.50	13.30	9.20	8.30
7/4/2014 21:15	17.50	11.50	13.20	9.20	8.30
7/4/2014 21:30	13.20	9.20	17.50	11.50	1.70
7/4/2014 21:45	17.40	11.50	13.20	9.20	8.20
7/4/2014 22:00	13.20	9.20	17.40	11.50	1.70
7/4/2014 22:15	13.30	9.20	17.40	11.50	1.80
7/4/2014 22:30	13.00	9.20	17.40	11.50	1.50
7/4/2014 22:45	17.30	11.40	13.00	9.20	8.10
7/4/2014 23:00	13.00	9.10	17.30	11.50	1.50
7/4/2014 23:15	17.30	11.50	12.90	9.10	8.20
7/4/2014 23:30	17.30	11.50	12.70	8.80	8.50
7/4/2014 23:45	12.60	8.80	17.30	11.50	1.10
7/5/2014 0:00	12.90	9.20	17.30	11.60	1.30
7/5/2014 0:15	12.90	9.30	17.30	11.60	1.30
7/5/2014 0:30	12.90	9.20	17.30	11.50	1.40
7/5/2014 0:45	17.30	11.30	12.70	9.20	8.10
7/5/2014 1:00	12.70	9.20	17.20	11.30	1.40
7/5/2014 1:15	12.80	9.20	17.20	11.40	1.40
7/5/2014 1:30	12.80	9.20	17.20	11.50	1.30
7/5/2014 1:45	12.70	9.20	17.20	11.40	1.30
7/5/2014 2:00	17.20	11.40	12.70	9.20	0.00
7/5/2014 2:15	17.30	11.40	12.70	9.20	8.10
7/5/2014 2:30	12.70	9.20	17.20	11.40	1.30
7/5/2014 2:45	12.70	9.20	17.20	11.40	1.30
7/5/2014 3:00	12.80	9.30	17.30	11.40	1.40
7/5/2014 3:15	17.20	11.50	13.00	9.30	7.90
7/5/2014 3:30	17.20	11.40	12.80	9.30	7.90
7/5/2014 3:45	12.80	9.30	17.20	11.50	1.30
7/5/2014 4:00	12.90	9.30	17.20	11.40	1.50
7/5/2014 4:15	17.10	11.40	12.90	9.30	7.80
7/5/2014 4:30	17.20	11.30	12.90	9.30	7.90
7/5/2014 4:45	12.90	9.30	17.20	11.50	1.40
7/5/2014 5:00	17.10	11.40	12.80	9.30	7.80
7/5/2014 5:15	12.80	9.30	17.10	11.40	1.40
7/5/2014 5:30	17.10	11.30	12.80	9.30	7.80
7/5/2014 5:45	17.10	11.40	12.80	9.20	7.90
7/5/2014 6:00	12.80	9.20	17.20	11.40	1.40
7/5/2014 6:15	12.70	9.30	17.20	11.30	1.40
7/5/2014 6:30	12.80	9.20	17.10	11.30	1.50
7/5/2014 6:45	12.90	9.30	17.20	11.30	1.60
7/5/2014 7:00	17.20	11.20	13.00	9.20	8.00
7/5/2014 7:15	17.20	11.30	13.00	9.20	8.00
7/5/2014 7:30	13.10	9.20	17.20	11.20	1.90
7/5/2014 7:45	17.30	11.20	13.10	9.10	8.20
7/5/2014 8:00	17.20	11.20	13.00	9.10	8.10
7/5/2014 8:15	13.10	9.10	17.30	11.60	1.50
7/5/2014 8:30	13.20	8.90	17.20	11.60	1.60
7/5/2014 8:45	17.20	11.60	13.20	8.80	8.40
7/5/2014 9:00	17.40	11.60	13.40	8.80	8.60
7/5/2014 9:15	17.50	11.60	13.40	8.70	8.80
7/5/2014 9:30	13.50	8.70	17.40	11.50	2.00
7/5/2014 9:45	17.50	11.50	13.50	8.70	8.80
7/5/2014 10:00	13.40	8.70	17.40	11.50	1.90
7/5/2014 10:15	13.40	8.60	17.50	11.50	1.90
7/5/2014 10:30	13.40	8.60	17.50	11.40	2.00
7/5/2014 10:45	13.40	8.60	17.70	11.30	2.10
7/5/2014 11:00	17.70	11.10	13.50	8.60	9.10
7/5/2014 11:15	13.50	8.60	17.70	11.20	2.30
7/5/2014 11:30	13.50	8.60	17.70	11.20	2.30
7/5/2014 11:45	13.80	8.60	17.70	11.20	2.60
7/5/2014 12:00	13.50	8.60	17.40	11.00	2.50
7/5/2014 12:15	13.50	8.60	17.60	11.00	2.50
7/5/2014 12:30	17.50	11.10	13.40	8.60	8.90



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/5/2014 12:45	13.40	8.70	17.60	11.10	2.30
7/5/2014 13:00	13.60	8.70	17.70	11.10	2.50
7/5/2014 13:15	13.30	8.70	17.60	11.10	2.20
7/5/2014 13:30	13.50	8.70	17.50	11.10	2.40
7/5/2014 13:45	17.50	11.10	13.50	8.70	8.80
7/5/2014 14:00	13.40	8.70	17.50	11.10	2.30
7/5/2014 14:15	13.30	8.70	17.40	11.20	2.10
7/5/2014 14:30	13.30	8.80	17.50	11.10	2.20
7/5/2014 14:45	13.30	8.70	17.60	11.10	2.20
7/5/2014 15:00	13.30	8.70	17.40	11.20	2.10
7/5/2014 15:15	13.20	8.70	17.50	11.10	2.10
7/5/2014 15:30	13.30	8.60	17.30	11.10	2.20
7/5/2014 15:45	13.30	8.70	17.40	11.10	2.20
7/5/2014 16:00	13.50	8.60	17.50	11.10	2.40
7/5/2014 16:15	13.30	8.60	17.50	11.10	2.20
7/5/2014 16:30	13.40	8.50	17.50	11.00	2.40
7/5/2014 16:45	17.60	11.10	13.40	8.60	9.00
7/5/2014 17:00	13.30	8.70	17.60	11.10	2.20
7/5/2014 17:15	13.30	8.70	17.50	11.20	2.10
7/5/2014 17:30	13.30	8.70	17.50	11.20	2.10
7/5/2014 17:45	13.80	8.80	17.60	11.30	2.50
7/5/2014 18:00	17.30	11.30	13.30	8.80	8.50
7/5/2014 18:15	13.30	8.90	17.60	11.30	2.00
7/5/2014 18:30	13.40	8.90	17.20	11.30	2.10
7/5/2014 18:45	13.30	8.90	17.30	11.30	2.00
7/5/2014 19:00	17.30	11.30	13.20	8.90	8.40
7/5/2014 19:15	13.10	9.00	17.30	11.40	1.70
7/5/2014 19:30	13.20	9.00	17.30	11.40	1.80
7/5/2014 19:45	13.10	9.10	17.10	11.40	1.70
7/5/2014 20:00	13.10	9.10	17.30	11.50	1.60
7/5/2014 20:15	17.30	11.40	12.70	9.10	8.20
7/5/2014 20:30	12.70	9.10	17.20	11.50	1.20
7/5/2014 20:45	12.60	9.30	17.20	11.60	1.00
7/5/2014 21:00	12.70	9.20	17.20	11.50	1.20
7/5/2014 21:15	12.70	9.10	17.10	11.50	1.20
7/5/2014 21:30	12.70	9.10	17.20	11.60	1.10
7/5/2014 21:45	12.70	9.20	17.10	11.50	1.20
7/5/2014 22:00	12.70	9.20	17.10	11.60	1.10
7/5/2014 22:15	12.70	9.10	17.10	11.50	1.20
7/5/2014 22:30	12.90	9.20	17.10	11.60	1.30
7/5/2014 22:45	12.90	9.10	17.10	11.60	1.30
7/5/2014 23:00	12.70	9.20	17.00	11.60	1.10
7/5/2014 23:15	17.10	11.50	12.70	9.10	8.00
7/5/2014 23:30	12.80	9.10	17.10	11.50	1.30
7/5/2014 23:45	12.70	9.20	17.00	11.50	1.20
7/6/2014 0:00	12.70	9.10	17.10	11.50	1.20
7/6/2014 0:15	12.80	9.10	17.00	11.50	1.30
7/6/2014 0:30	17.00	11.50	12.60	9.20	7.80
7/6/2014 0:45	16.90	11.50	12.70	9.10	7.80
7/6/2014 1:00	17.00	11.50	12.70	9.20	7.80
7/6/2014 1:15	17.00	11.60	12.70	9.20	7.80
7/6/2014 1:30	16.90	11.60	12.60	9.10	7.80
7/6/2014 1:45	12.60	9.20	16.90	11.60	1.00
7/6/2014 2:00	12.60	9.20	16.90	11.50	1.10
7/6/2014 2:15	17.00	11.50	12.60	9.10	7.90
7/6/2014 2:30	17.00	11.60	12.70	9.20	7.80
7/6/2014 2:45	17.00	11.60	12.60	9.20	7.80
7/6/2014 3:00	12.60	9.20	16.90	11.60	1.00
7/6/2014 3:15	16.90	11.60	12.60	9.30	7.60
7/6/2014 3:30	16.90	11.60	12.60	9.20	7.70
7/6/2014 3:45	16.90	11.60	12.60	9.10	7.80
7/6/2014 4:00	16.90	11.60	12.60	9.20	7.70
7/6/2014 4:15	16.80	11.60	12.50	9.10	7.70
7/6/2014 4:30	12.50	9.20	16.90	11.60	0.90
7/6/2014 4:45	16.90	11.70	12.50	9.30	7.60
7/6/2014 5:00	16.90	11.70	12.50	9.30	7.60
7/6/2014 5:15	16.80	11.60	12.60	9.10	7.70
7/6/2014 5:30	12.50	9.30	16.90	11.60	0.90
7/6/2014 5:45	16.90	11.70	12.50	9.20	7.70
7/6/2014 6:00	12.50	9.20	16.80	11.70	0.80
7/6/2014 6:15	16.90	11.60	12.50	9.20	7.70
7/6/2014 6:30	16.90	11.60	12.60	9.20	7.70
7/6/2014 6:45	12.50	9.30	16.80	11.30	1.20
7/6/2014 7:00	16.90	11.30	12.60	9.20	7.70
7/6/2014 7:15	12.60	9.10	16.90	11.30	1.30
7/6/2014 7:30	12.60	9.10	16.80	11.30	1.30
7/6/2014 7:45	17.00	11.20	12.60	9.10	7.90
7/6/2014 8:00	16.90	11.20	12.70	9.00	7.90
7/6/2014 8:15	16.90	11.20	12.80	9.00	7.90
7/6/2014 8:30	16.90	11.20	12.70	9.00	7.90
7/6/2014 8:45	12.80	9.00	17.00	11.20	1.60
7/6/2014 9:00	12.70	9.00	16.90	11.20	1.50
7/6/2014 9:15	17.00	11.10	12.70	8.90	8.10
7/6/2014 9:30	12.90	8.90	17.10	11.10	1.80
7/6/2014 9:45	12.90	8.80	17.10	11.00	1.90
7/6/2014 10:00	13.00	8.70	16.90	11.10	1.90
7/6/2014 10:15	13.00	8.70	17.10	11.10	1.90
7/6/2014 10:30	17.10	11.10	13.10	8.60	8.50
7/6/2014 10:45	17.20	11.00	13.10	8.50	8.70



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/6/2014 11:00	12.90	8.50	17.30	10.40	2.50
7/6/2014 11:15	17.20	10.10	12.60	8.40	8.80
7/6/2014 11:30	17.10	10.00	12.50	8.60	8.50
7/6/2014 11:45	17.10	9.60	11.90	8.40	8.70
7/6/2014 12:00	17.10	9.50	12.00	8.40	8.70
7/6/2014 12:15	17.20	10.40	12.60	8.20	9.00
7/6/2014 12:30	13.20	8.50	17.30	10.80	2.40
7/6/2014 12:45	13.20	8.50	17.30	10.90	2.30
7/6/2014 13:00	17.30	11.00	13.20	8.70	8.60
7/6/2014 13:15	13.00	8.80	17.30	10.90	2.10
7/6/2014 13:30	13.10	8.60	17.20	10.90	2.20
7/6/2014 13:45	13.20	8.60	17.20	10.90	2.30
7/6/2014 14:00	17.20	10.90	13.10	8.50	8.70
7/6/2014 14:15	17.20	11.10	11.10	8.50	8.70
7/6/2014 14:30	13.10	8.60	17.20	11.20	1.90
7/6/2014 14:45	17.20	11.10	9.20	8.60	8.60
7/6/2014 15:00	9.00	8.60	17.20	11.10	0.00
7/6/2014 15:15	11.60	8.50	17.20	11.10	0.50
7/6/2014 15:30	5.90	10.80	13.10	8.50	2.30
7/6/2014 15:45	13.10	8.50	6.70	10.70	6.40
7/6/2014 16:00	13.20	8.30	17.40	10.80	2.40
7/6/2014 16:15	13.20	8.50	17.40	10.90	2.30
7/6/2014 16:30	15.20	8.40	17.30	10.90	4.30
7/6/2014 16:45	17.30	10.90	13.20	8.40	8.90
7/6/2014 17:00	13.60	8.50	17.40	11.00	2.60
7/6/2014 17:15	17.30	11.00	13.30	8.50	8.80
7/6/2014 17:30	12.30	8.60	17.30	11.00	1.30
7/6/2014 17:45	13.10	8.70	17.30	11.10	2.00
7/6/2014 18:00	17.20	10.90	13.30	8.80	8.40
7/6/2014 18:15	13.00	8.80	17.20	10.90	2.10
7/6/2014 18:30	13.00	8.80	17.10	10.90	2.10
7/6/2014 18:45	13.30	8.90	17.10	11.00	2.30
7/6/2014 19:00	17.20	11.00	12.90	8.90	0.00
7/6/2014 19:15	12.90	8.90	17.10	11.00	1.90
7/6/2014 19:30	12.90	8.80	17.20	11.10	1.80
7/6/2014 19:45	17.00	11.10	12.80	8.90	8.10
7/6/2014 20:00	12.80	8.90	17.00	11.10	1.70
7/6/2014 20:15	17.20	11.00	12.80	8.90	8.30
7/6/2014 20:30	12.70	8.90	17.10	11.10	1.60
7/6/2014 20:45	12.80	9.00	16.90	11.10	1.70
7/6/2014 21:00	12.70	9.00	17.00	11.10	1.60
7/6/2014 21:15	12.70	9.00	16.90	11.10	1.60
7/6/2014 21:30	12.70	9.00	16.90	11.00	1.70
7/6/2014 21:45	12.70	8.90	16.90	11.00	1.70
7/6/2014 22:00	12.60	9.00	16.80	11.00	1.60
7/6/2014 22:15	17.00	11.00	12.70	9.00	8.00
7/6/2014 22:30	12.70	9.00	17.00	10.90	1.80
7/6/2014 22:45	12.70	9.00	16.70	11.00	1.70
7/6/2014 23:00	12.70	9.00	16.90	11.00	1.70
7/6/2014 23:15	12.70	8.90	16.90	10.90	1.80
7/6/2014 23:30	17.00	11.00	12.70	8.90	8.10
7/6/2014 23:45	12.60	9.00	16.90	11.00	1.60
7/7/2014 0:00	16.90	11.00	12.70	9.00	7.90
7/7/2014 0:15	16.90	10.90	12.60	8.90	8.00
7/7/2014 0:30	16.80	11.00	12.70	9.00	7.80
7/7/2014 0:45	16.80	10.90	12.60	9.00	7.80
7/7/2014 1:00	12.60	9.00	16.60	11.00	1.60
7/7/2014 1:15	14.10	9.00	16.90	11.00	3.10
7/7/2014 1:30	16.80	11.20	12.60	9.00	7.80
7/7/2014 1:45	12.60	9.00	16.90	11.30	1.30
7/7/2014 2:00	16.80	11.20	12.60	9.00	7.80
7/7/2014 2:15	16.70	11.20	12.60	9.00	7.70
7/7/2014 2:30	12.60	9.00	16.70	11.10	1.50
7/7/2014 2:45	9.00	7.50	11.30	10.60	0.00
7/7/2014 3:00	8.80	6.20	11.80	8.40	0.40
7/7/2014 3:15	4.50	8.20	10.40	8.90	0.00
7/7/2014 3:30	4.50	3.60	10.10	9.90	0.00
7/7/2014 3:45	10.20	20.60	6.70	5.50	15.10
7/7/2014 4:00	6.60	5.20	5.10	3.90	2.70
7/7/2014 4:15	4.60	3.70	6.60	5.20	0.00
7/7/2014 4:30	6.10	5.10	4.50	3.70	2.40
7/7/2014 4:45	4.50	3.70	6.00	5.00	0.00
7/7/2014 5:00	6.10	5.10	4.50	3.80	2.30
7/7/2014 5:15	4.50	3.60	6.10	5.00	0.00
7/7/2014 5:30	4.50	3.60	6.10	4.90	0.00
7/7/2014 5:45	6.10	5.00	4.50	3.60	2.50
7/7/2014 6:00	4.40	3.60	6.20	4.90	0.00
7/7/2014 6:15	4.40	3.60	6.20	5.00	0.00
7/7/2014 6:30	6.00	5.00	4.40	3.60	2.40
7/7/2014 6:45	6.10	5.30	5.00	3.70	2.40
7/7/2014 7:00	9.80	4.70	6.70	5.80	4.00
7/7/2014 7:15	10.80	5.20	7.00	6.90	3.90
7/7/2014 7:30	11.20	5.50	7.10	7.40	4.10
7/7/2014 7:45	11.50	5.90	7.30	7.70	4.20
7/7/2014 8:00	7.50	8.10	12.50	6.70	1.40
7/7/2014 8:15	12.50	7.10	7.40	8.20	5.10
7/7/2014 8:30	12.60	7.50	7.80	9.10	4.80
7/7/2014 8:45	12.70	8.00	9.20	9.80	3.50
7/7/2014 9:00	12.70	8.10	10.40	9.90	2.80



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/7/2014 9:15	11.60	9.80	12.80	8.30	3.30
7/7/2014 9:30	12.90	8.40	12.70	10.00	2.90
7/7/2014 9:45	13.90	10.10	12.90	8.50	5.40
7/7/2014 10:00	13.00	8.50	15.40	10.20	2.80
7/7/2014 10:15	15.50	10.30	13.10	8.70	0.00
7/7/2014 10:30	12.90	8.70	15.50	10.60	2.30
7/7/2014 10:45	12.90	8.60	15.70	10.50	2.40
7/7/2014 11:00	12.70	8.60	15.60	10.40	2.30
7/7/2014 11:15	15.50	10.30	13.00	8.60	6.90
7/7/2014 11:30	10.50	8.50	15.70	9.50	1.00
7/7/2014 11:45	10.80	8.40	15.50	9.00	1.80
7/7/2014 12:00	15.60	9.30	13.10	8.30	7.30
7/7/2014 12:15	12.10	8.20	15.50	10.50	1.60
7/7/2014 12:30	15.70	10.50	13.40	8.40	7.30
7/7/2014 12:45	15.60	10.50	13.40	8.60	7.00
7/7/2014 13:00	15.80	10.60	13.40	8.70	7.10
7/7/2014 13:15	13.30	8.80	15.80	10.60	2.70
7/7/2014 13:30	13.80	8.80	15.80	10.60	3.20
7/7/2014 13:45	13.40	8.80	15.60	10.60	2.80
7/7/2014 14:00	15.60	10.60	13.10	8.80	6.80
7/7/2014 14:15	8.00	8.70	15.60	10.60	0.00
7/7/2014 14:30	13.20	8.60	15.60	10.50	2.70
7/7/2014 14:45	15.60	10.60	10.30	8.70	6.90
7/7/2014 15:00	7.90	8.60	15.50	10.60	0.00
7/7/2014 15:15	15.60	8.60	15.40	10.50	5.10
7/7/2014 15:30	12.70	8.50	9.40	10.30	3.30
7/7/2014 15:45	4.30	10.20	14.40	8.50	1.70
7/7/2014 16:00	9.30	10.30	13.50	8.40	1.90
7/7/2014 16:15	15.60	10.30	13.30	8.20	7.40
7/7/2014 16:30	15.60	10.10	13.30	8.10	7.50
7/7/2014 16:45	15.60	10.20	13.30	7.90	7.70
7/7/2014 17:00	15.70	10.30	13.30	7.90	7.80
7/7/2014 17:15	13.30	8.20	15.70	10.30	3.00
7/7/2014 17:30	12.20	8.40	15.70	10.40	1.80
7/7/2014 17:45	7.10	10.40	13.20	8.50	1.90
7/7/2014 18:00	15.70	10.50	13.20	8.60	7.10
7/7/2014 18:15	15.70	10.50	15.10	8.60	7.10
7/7/2014 18:30	15.70	10.50	13.40	8.70	7.00
7/7/2014 18:45	13.30	8.60	15.70	10.50	2.80
7/7/2014 19:00	5.30	10.50	12.90	8.80	1.70
7/7/2014 19:15	13.00	8.90	13.90	10.50	2.50
7/7/2014 19:30	12.90	8.90	3.90	10.60	9.00
7/7/2014 19:45	15.50	10.60	12.90	8.80	6.70
7/7/2014 20:00	15.50	10.70	13.00	8.90	6.60
7/7/2014 20:15	15.40	10.70	13.00	8.90	6.50
7/7/2014 20:30	12.80	9.00	15.50	10.70	2.10
7/7/2014 20:45	15.40	10.70	21.90	9.10	6.30
7/7/2014 21:00	12.90	9.00	15.40	10.60	2.30
7/7/2014 21:15	13.20	9.10	15.40	10.70	2.50
7/7/2014 21:30	12.70	9.10	15.20	10.80	1.90
7/7/2014 21:45	12.60	9.10	15.30	10.70	1.90
7/7/2014 22:00	15.20	10.70	12.60	9.10	6.10
7/7/2014 22:15	12.90	9.10	15.20	10.70	2.20
7/7/2014 22:30	13.10	9.10	15.40	10.70	2.40
7/7/2014 22:45	15.20	10.80	12.60	9.00	6.20
7/7/2014 23:00	15.30	10.80	12.80	9.10	6.20
7/7/2014 23:15	12.60	9.10	15.10	10.80	1.80
7/7/2014 23:30	15.30	10.80	12.60	9.00	6.30
7/7/2014 23:45	15.20	10.80	12.60	9.10	6.10
7/8/2014 0:00	15.20	10.80	12.60	9.10	6.10
7/8/2014 0:15	15.20	10.70	12.60	9.10	6.10
7/8/2014 0:30	15.10	10.80	12.60	9.10	6.00
7/8/2014 0:45	15.30	10.80	12.60	9.10	6.20
7/8/2014 1:00	12.60	9.10	15.20	10.80	1.80
7/8/2014 1:15	12.60	9.20	15.20	10.50	2.10
7/8/2014 1:30	15.20	10.60	12.60	9.30	5.90
7/8/2014 1:45	12.50	9.20	15.10	10.60	1.90
7/8/2014 2:00	12.50	9.20	15.20	10.60	1.90
7/8/2014 2:15	15.10	10.60	12.60	9.20	5.90
7/8/2014 2:30	12.50	9.20	15.10	10.60	1.90
7/8/2014 2:45	15.10	10.60	12.60	9.00	6.10
7/8/2014 3:00	7.20	6.30	6.40	5.90	1.30
7/8/2014 3:15	7.10	7.20	6.40	5.50	1.70
7/8/2014 3:30	7.00	6.30	6.30	5.60	1.40
7/8/2014 3:45	6.50	5.60	6.90	6.10	0.40
7/8/2014 4:00	6.90	6.20	6.20	5.50	1.40
7/8/2014 4:15	7.00	6.30	6.30	5.30	1.70
7/8/2014 4:30	6.80	6.50	6.30	5.50	1.30
7/8/2014 4:45	6.70	6.10	6.50	5.50	1.20
7/8/2014 5:00	6.80	6.40	6.40	5.30	1.50
7/8/2014 5:15	9.00	6.90	6.60	6.20	2.80
7/8/2014 5:30	8.80	6.00	6.30	5.30	3.50
7/8/2014 5:45	6.60	5.50	41.10	7.50	0.00
7/8/2014 6:00	18.00	22.20	6.40	5.60	16.60
7/8/2014 6:15	17.30	20.10	6.20	5.10	15.00
7/8/2014 6:30	7.30	11.20	7.10	5.40	5.80
7/8/2014 6:45	7.00	5.60	6.70	15.00	0.30
7/8/2014 7:00	6.50	32.70	6.80	5.40	27.30
7/8/2014 7:15	6.20	5.20	6.60	10.90	0.00



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(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/8/2014 7:30	6.60	29.20	9.60	5.30	23.90
7/8/2014 7:45	12.40	5.50	6.60	8.90	5.80
7/8/2014 8:00	13.30	6.00	6.60	10.30	6.70
7/8/2014 8:15	6.80	12.40	12.30	5.70	6.70
7/8/2014 8:30	7.80	30.20	13.20	6.20	24.00
7/8/2014 8:45	7.00	20.20	11.20	5.10	15.10
7/8/2014 9:00	6.80	13.60	10.80	10.00	3.60
7/8/2014 9:15	6.90	15.50	8.50	11.40	7.00
7/8/2014 9:30	9.60	11.80	9.40	16.50	2.40
7/8/2014 9:45	9.50	11.30	8.60	13.90	2.70
7/8/2014 10:00	9.30	11.30	12.90	20.10	0.00
7/8/2014 10:15	8.50	11.10	13.60	27.00	0.00
7/8/2014 10:30	9.30	10.50	13.50	15.50	0.00
7/8/2014 10:45	9.10	10.60	12.90	25.80	0.00
7/8/2014 11:00	36.30	30.40	9.00	10.50	27.30
7/8/2014 11:15	7.20	15.70	23.40	16.50	0.00
7/8/2014 11:30	51.50	37.50	7.80	10.80	43.70
7/8/2014 11:45	38.20	40.90	8.20	13.20	32.70
7/8/2014 12:00	17.60	20.80	8.60	17.30	12.20
7/8/2014 12:15	8.30	14.20	15.40	27.70	0.00
7/8/2014 12:30	7.60	12.00	14.60	47.60	0.00
7/8/2014 12:45	7.70	17.00	33.60	48.70	0.00
7/8/2014 13:00	10.00	16.10	62.50	59.70	0.00
7/8/2014 13:15	28.70	26.60	11.60	11.70	17.10
7/8/2014 13:30	8.90	16.10	20.70	29.00	0.00
7/8/2014 13:45	9.10	14.00	14.40	16.00	0.00
7/8/2014 14:00	9.80	14.60	13.10	21.90	1.50
7/8/2014 14:15	8.40	14.20	13.20	33.70	1.00
7/8/2014 14:30	14.90	28.40	8.10	13.80	20.30
7/8/2014 14:45	9.70	13.70	13.50	11.80	1.90
7/8/2014 15:00	14.00	15.20	9.00	12.50	6.20
7/8/2014 15:15	13.50	11.90	8.40	14.50	5.10
7/8/2014 15:30	8.70	13.70	13.30	16.90	0.40
7/8/2014 15:45	13.20	22.50	9.20	12.40	13.30
7/8/2014 16:00	9.70	12.50	12.60	52.00	0.00
7/8/2014 16:15	9.60	11.90	13.60	47.40	0.00
7/8/2014 16:30	13.30	34.90	9.40	12.20	25.50
7/8/2014 16:45	9.40	11.50	12.80	43.50	0.00
7/8/2014 17:00	9.30	11.30	12.70	15.50	0.00
7/8/2014 17:15	11.00	12.00	9.20	11.70	2.80
7/8/2014 17:30	8.60	11.00	11.00	12.40	0.00
7/8/2014 17:45	8.50	11.20	10.90	10.60	0.60
7/8/2014 18:00	12.90	11.00	10.60	11.10	2.30
7/8/2014 18:15	9.70	11.20	10.40	10.60	0.80
7/8/2014 18:30	9.50	11.80	10.90	17.30	0.90
7/8/2014 18:45	11.00	14.20	9.30	12.20	4.90
7/8/2014 19:00	10.50	11.60	11.30	16.10	0.30
7/8/2014 19:15	10.80	12.20	13.30	12.60	0.00
7/8/2014 19:30	13.90	12.80	12.70	11.60	2.30
7/8/2014 19:45	12.50	10.40	17.40	10.40	2.10
7/8/2014 20:00	13.90	11.90	12.40	10.60	3.30
7/8/2014 20:15	12.80	10.90	12.40	12.50	0.40
7/8/2014 20:30	12.70	11.10	10.70	16.10	2.00
7/8/2014 20:45	12.60	31.90	11.60	13.10	20.30
7/8/2014 21:00	13.20	11.90	11.10	12.30	2.10
7/8/2014 21:15	10.90	12.70	13.30	11.70	1.00
7/8/2014 21:30	11.40	12.40	12.80	13.60	0.00
7/8/2014 21:45	16.80	12.50	12.60	20.90	4.20
7/8/2014 22:00	26.70	12.60	12.40	47.70	14.30
7/8/2014 22:15	26.20	11.80	12.10	46.20	14.10
7/8/2014 22:30	15.60	11.70	13.10	43.60	2.50
7/8/2014 22:45	16.90	11.50	17.40	32.50	0.00
7/8/2014 23:00	14.10	12.70	19.30	20.90	0.00
7/8/2014 23:15	16.00	12.80	17.10	22.80	0.00
7/8/2014 23:30	16.00	52.60	17.30	9.80	42.80
7/8/2014 23:45	15.90	19.10	16.10	11.60	7.50
7/9/2014 0:00	14.50	16.70	14.80	10.00	6.70
7/9/2014 0:15	12.40	14.00	13.60	11.30	2.70
7/9/2014 0:30	12.70	10.70	12.50	37.90	0.20
7/9/2014 0:45	13.50	10.40	14.50	29.70	0.00
7/9/2014 1:00	13.80	36.90	13.50	10.20	26.70
7/9/2014 1:15	11.10	44.70	11.40	10.20	34.50
7/9/2014 1:30	12.70	9.60	11.30	45.70	1.40
7/9/2014 1:45	14.70	35.20	10.80	13.70	24.40
7/9/2014 2:00	13.40	13.80	41.10	45.10	0.00
7/9/2014 2:15	13.10	13.40	33.70	32.50	0.00
7/9/2014 2:30	28.30	28.50	11.30	14.10	17.20
7/9/2014 2:45	12.40	12.30	32.00	24.50	0.00
7/9/2014 3:00	24.30	28.80	13.10	14.00	15.70
7/9/2014 3:15	24.00	25.80	12.80	19.80	13.00
7/9/2014 3:30	24.00	53.10	10.70	16.60	42.40
7/9/2014 3:45	22.10	49.30	10.70	17.30	38.60
7/9/2014 4:00	29.90	31.90	12.50	23.00	19.40
7/9/2014 4:15	12.70	23.60	23.30	31.10	0.30
7/9/2014 4:30	21.80	41.30	13.40	17.20	27.90
7/9/2014 4:45	17.00	40.20	12.50	17.40	27.70
7/9/2014 5:00	13.60	16.80	24.70	31.70	0.00
7/9/2014 5:15	13.50	15.70	23.80	32.00	0.00
7/9/2014 5:30	23.40	37.30	14.60	14.20	23.10



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/9/2014 5:45	39.70	51.20	12.80	13.90	38.40
7/9/2014 6:00	14.50	16.50	57.90	40.60	0.00
7/9/2014 6:15	55.50	52.50	13.70	12.50	43.00
7/9/2014 6:30	32.20	54.50	18.20	12.00	42.50
7/9/2014 6:45	21.10	12.40	19.90	57.80	1.20
7/9/2014 7:00	18.10	12.00	28.40	56.70	0.00
7/9/2014 7:15	18.50	12.90	47.30	58.40	0.00
7/9/2014 7:30	38.00	44.70	16.00	13.20	31.50
7/9/2014 7:45	29.20	59.80	15.30	12.50	47.30
7/9/2014 8:00	13.30	12.50	28.80	57.70	0.00
7/9/2014 8:15	24.20	52.00	13.10	12.10	39.90
7/9/2014 8:30	12.30	12.40	22.60	45.30	0.00
7/9/2014 8:45	15.70	45.10	10.90	14.80	34.20
7/9/2014 9:00	18.80	50.60	11.30	12.30	39.30
7/9/2014 9:15	49.50	49.90	10.90	16.40	39.00
7/9/2014 9:30	32.10	49.60	10.10	15.00	39.50
7/9/2014 9:45	10.40	12.90	21.20	37.90	0.00
7/9/2014 10:00	10.00	11.70	21.20	43.80	0.00
7/9/2014 10:15	10.00	11.20	19.00	45.90	0.00
7/9/2014 10:30	17.80	37.10	9.50	10.30	27.60
7/9/2014 10:45	17.20	42.40	9.70	11.70	32.70
7/9/2014 11:00	19.40	34.90	9.70	12.40	25.20
7/9/2014 11:15	6.10	5.00	43.10	3.80	2.30
7/9/2014 11:30	8.40	7.50	11.20	5.90	2.50
7/9/2014 11:45	22.30	4.80	6.10	7.00	16.20
7/9/2014 12:00	9.20	4.50	7.00	9.70	2.20
7/9/2014 12:15	9.80	4.50	9.00	9.60	0.80
7/9/2014 12:30	9.40	5.20	10.30	10.10	0.00
7/9/2014 12:45	13.30	10.20	13.90	8.30	5.00
7/9/2014 13:00	13.60	8.40	14.50	10.30	3.30
7/9/2014 13:15	16.70	10.10	12.60	8.20	8.50
7/9/2014 13:30	11.70	8.30	17.10	9.90	1.80
7/9/2014 13:45	17.10	9.80	10.30	8.40	8.70
7/9/2014 14:00	10.60	6.60	17.00	10.00	0.60
7/9/2014 14:15	8.40	6.20	17.00	10.10	0.00
7/9/2014 14:30	12.10	7.50	16.90	10.40	1.70
7/9/2014 14:45	13.40	9.40	17.10	10.50	2.90
7/9/2014 15:00	11.40	4.30	16.90	10.50	0.90
7/9/2014 15:15	13.90	8.30	15.60	9.70	4.20
7/9/2014 15:30	14.40	8.30	15.60	10.30	4.10
7/9/2014 15:45	13.50	8.40	16.00	9.90	3.60
7/9/2014 16:00	13.60	8.60	16.80	10.10	3.50
7/9/2014 16:15	17.00	10.10	13.70	8.60	8.40
7/9/2014 16:30	16.90	10.10	13.80	8.70	8.20
7/9/2014 16:45	13.70	8.70	17.00	10.30	3.40
7/9/2014 17:00	17.20	10.30	13.20	8.60	8.60
7/9/2014 17:15	17.00	10.30	13.30	8.70	0.00
7/9/2014 17:30	17.10	10.20	13.60	8.60	8.50
7/9/2014 17:45	13.70	8.60	17.10	10.40	3.30
7/9/2014 18:00	17.10	10.40	13.70	8.70	8.40
7/9/2014 18:15	13.70	8.80	16.90	10.60	3.10
7/9/2014 18:30	13.60	8.80	17.00	10.70	2.90
7/9/2014 18:45	13.50	8.80	16.80	10.70	2.80
7/9/2014 19:00	13.50	8.80	16.90	10.70	2.80
7/9/2014 19:15	16.80	10.70	13.40	8.80	8.00
7/9/2014 19:30	16.80	10.80	13.50	8.80	8.00
7/9/2014 19:45	13.40	8.80	16.90	10.70	2.70
7/9/2014 20:00	13.40	8.80	16.80	10.80	2.60
7/9/2014 20:15	16.60	10.80	13.20	8.80	7.80
7/9/2014 20:30	13.30	8.80	16.70	10.80	2.50
7/9/2014 20:45	13.30	8.80	16.70	10.80	2.50
7/9/2014 21:00	13.30	8.90	16.50	11.70	1.60
7/9/2014 21:15	16.20	11.70	13.20	8.90	7.30
7/9/2014 21:30	13.30	8.80	16.00	11.80	1.50