



US Army Corps
of Engineers®

Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Turbidity Data
5-2-15 to 8-17-15
(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
5/2/2015 22:15	4.70	5.40	3.60	6.20	1.80
5/7/2015 9:00	20.00	15.50	19.10	18.10	1.90
5/13/2015 20:30	15.20	18.80	13.10	13.00	5.80
5/19/2015 13:00	13.50	7.50	6.60	6.60	0.00
5/19/2015 17:00	13.40	7.30	9.00	8.30	5.10
5/13/2015 22:00	17.20	10.40	13.00	11.80	5.40
5/19/2015 15:00	13.80	6.70	6.30	6.30	7.50
5/13/2015 21:30	13.10	13.90	17.40	10.90	3.00
5/16/2015 13:45	29.80	31.10	14.50	14.70	16.60
5/2/2015 10:00	3.40	13.80	2.60	4.40	11.20
5/4/2015 2:45	10.10	6.40	15.10	15.00	0.00
5/16/2015 0:30	55.50	56.60	24.80	16.40	40.20
5/5/2015 13:15	22.20	22.20	22.00	20.30	1.90
5/5/2015 17:15	24.30	30.20	22.20	21.20	9.00
5/8/2015 21:15	35.90	12.70	3.30	20.80	0.00
5/10/2015 10:15	9.00	10.00	27.50	17.70	0.00
5/12/2015 10:30	19.50	21.00	10.20	10.70	10.80
5/12/2015 16:30	16.90	18.40	13.10	13.80	5.30
5/13/2015 2:45	18.40	15.50	11.20	11.60	7.20
5/18/2015 8:30	29.20	23.00	16.00	17.20	13.20
5/11/2015 6:00	9.20	14.90	23.50	28.90	0.00
5/14/2015 13:15	16.00	12.30	30.10	26.90	0.00
5/14/2015 17:15	14.50	16.50	13.60	12.10	4.40
5/2/2015 0:00	2.80	4.30	3.80	4.60	0.50
5/3/2015 6:45	12.30	14.80	15.20	10.40	4.40
5/5/2015 16:45	24.60	26.50	23.60	22.30	4.20
5/15/2015 21:45	21.90	14.60	15.50	10.90	11.00
5/3/2015 1:00	8.50	7.10	7.60	4.20	4.30
5/3/2015 5:00	12.40	6.00	8.70	6.90	5.50
5/5/2015 19:00	52.90	50.60	16.40	16.60	36.50
5/7/2015 7:15	23.00	17.00	12.70	13.10	10.30
5/7/2015 11:15	5.40	10.80	23.10	18.30	0.00
5/11/2015 4:45	9.90	15.90	23.50	17.40	0.00
5/18/2015 4:15	34.20	44.60	10.00	9.40	35.20
5/18/2015 10:15	27.90	18.80	10.80	11.30	17.10
5/11/2015 1:45	33.80	14.70	13.30	26.20	20.50
5/13/2015 20:15	13.40	13.10	14.70	13.60	0.00
5/19/2015 14:15	6.20	6.10	12.60	6.90	0.00
5/11/2015 3:45	11.10	14.30	19.80	8.40	5.90
5/14/2015 13:30	25.40	30.10	16.70	14.60	15.50
5/14/2015 17:30	16.80	12.90	14.50	15.90	2.30
5/5/2015 22:30	18.90	18.70	16.00	19.10	2.90
5/11/2015 12:15	5.40	11.60	37.50	11.30	0.30
5/14/2015 15:30	12.30	14.30	16.30	11.70	2.60
5/18/2015 23:00	15.20	13.20	8.20	8.50	7.00
5/6/2015 4:00	14.70	15.90	24.50	36.90	0.00
5/15/2015 7:15	17.40	23.90	11.90	12.60	0.00
5/2/2015 2:15	4.30	4.20	2.30	3.30	2.00
5/5/2015 7:00	21.30	20.30	21.60	11.10	10.20
5/5/2015 11:00	13.30	16.30	15.30	15.10	1.20
5/8/2015 13:00	10.20	8.30	1.30	14.00	8.90
5/8/2015 17:00	7.50	9.30	15.60	10.40	0.00
5/15/2015 19:30	14.40	14.10	20.10	17.00	0.00
5/15/2015 23:30	23.70	16.30	26.50	29.50	0.00
5/6/2015 15:30	28.30	23.90	22.60	29.20	5.70
5/7/2015 8:30	13.40	11.70	39.00	14.40	0.00
5/14/2015 5:45	16.10	15.40	15.50	12.90	3.20
5/2/2015 16:15	3.60	11.00	5.00	14.40	6.00
5/14/2015 12:45	18.00	12.70	46.50	27.60	0.00
5/17/2015 6:30	27.00	14.70	27.30	16.80	10.20
5/18/2015 6:15	35.90	35.40	12.50	8.70	27.20
5/4/2015 23:45	35.40	13.50	22.50	16.40	19.00
5/5/2015 7:30	18.90	17.20	40.20	21.20	0.00
5/15/2015 6:45	23.80	23.50	12.30	13.10	11.50
5/2/2015 5:45	2.10	3.40	3.60	4.70	0.00
5/4/2015 3:15	10.10	20.60	9.40	7.30	13.30
5/18/2015 21:45	19.90	16.30	9.20	9.30	10.70
5/2/2015 12:45	5.00	4.60	2.40	7.30	2.60
5/7/2015 8:00	24.70	16.90	8.90	12.20	15.80
5/17/2015 13:15	18.50	8.30	26.80	6.90	11.60
5/17/2015 17:15	36.70	36.40	13.00	11.60	25.10
5/5/2015 10:45	16.60	14.80	12.80	11.80	4.80
5/7/2015 17:45	5.80	7.70	41.90	33.30	0.00
5/8/2015 2:30	2.10	11.80	30.10	9.60	2.20
5/15/2015 11:30	19.70	18.50	12.90	8.60	11.10
5/16/2015 2:45	37.30	22.30	17.70	13.30	24.00
5/5/2015 18:30	29.10	27.50	22.60	21.70	7.40
5/11/2015 3:00	11.90	11.90	24.00	15.90	0.00
5/11/2015 5:30	9.30	16.50	21.10	24.20	0.00
5/13/2015 8:45	12.90	13.60	13.40	13.70	0.20
5/14/2015 16:15	14.90	10.90	11.80	12.00	3.10
5/17/2015 16:45	22.90	13.00	13.70	12.20	10.70
5/4/2015 14:30	31.20	11.80	10.90	20.60	20.30
5/5/2015 22:00	23.40	18.10	17.40	18.40	6.00
5/9/2015 6:30	3.80	19.90	18.70	15.20	4.70
5/9/2015 12:30	15.90	9.80	40.50	35.60	0.00
5/16/2015 3:15	30.40	39.40	13.70	12.20	27.20
5/8/2015 2:00	3.00	6.90	29.30	9.80	0.00
5/15/2015 8:00	19.90	14.10	9.50	12.40	10.40



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/4/2015 16:30	34.00	43.20	10.40	9.50	33.70
5/9/2015 16:00	8.00	8.10	14.30	12.10	0.00
5/13/2015 3:30	30.60	36.10	11.20	11.70	24.90
5/14/2015 2:15	14.70	10.10	13.60	13.50	1.20
5/16/2015 4:30	18.40	19.50	29.30	21.90	0.00
5/16/2015 23:45	14.30	12.70	21.00	12.50	1.80
5/9/2015 14:45	18.20	11.70	22.40	12.60	5.60
5/4/2015 13:45	19.60	24.60	14.00	7.10	17.50
5/4/2015 18:00	8.80	9.80	36.90	10.40	0.00
5/10/2015 12:00	29.50	10.90	29.60	14.20	15.30
5/19/2015 17:45	22.80	18.40	7.60	7.00	15.80
5/10/2015 10:00	27.40	20.60	12.90	9.20	18.20
5/15/2015 23:00	30.10	31.70	19.30	17.30	14.40
5/17/2015 15:30	19.90	12.60	10.70	11.00	9.20
5/4/2015 19:30	30.80	8.80	17.20	16.90	13.90
5/4/2015 23:30	21.40	12.30	25.00	20.80	0.60
5/11/2015 19:15	5.80	9.10	18.80	21.30	0.00
5/17/2015 13:30	22.20	9.20	8.00	6.30	15.90
5/17/2015 17:30	31.30	26.60	13.00	12.70	18.60
5/2/2015 13:15	3.70	10.70	2.70	8.20	8.00
5/2/2015 17:15	3.70	4.40	4.40	30.50	0.00
5/5/2015 2:00	14.40	8.30	11.00	9.90	4.50
5/6/2015 0:15	16.30	17.60	19.40	17.20	0.40
5/9/2015 7:45	14.80	11.00	7.00	19.90	7.80
5/11/2015 21:15	13.30	12.10	6.60	9.70	6.70
5/6/2015 6:30	24.20	18.10	15.40	23.10	8.80
5/9/2015 15:15	34.10	13.10	15.10	12.00	22.10
5/10/2015 9:00	83.20	19.10	13.60	8.40	74.80
5/16/2015 7:00	37.50	38.70	12.90	13.70	25.80
5/16/2015 11:00	21.60	16.40	12.10	13.00	9.50
5/19/2015 3:15	17.80	18.40	8.40	8.60	10.00
5/7/2015 14:30	5.20	10.00	28.70	18.60	0.00
5/3/2015 21:45	11.10	10.40	11.30	10.60	0.50
5/10/2015 21:30	35.00	8.90	10.80	13.60	24.20
5/14/2015 6:00	13.40	10.00	12.90	15.40	0.00
5/17/2015 16:15	22.10	15.80	17.00	16.00	6.10
5/3/2015 9:30	5.00	13.10	9.60	11.50	3.50
5/13/2015 18:00	14.90	14.10	15.50	14.80	0.10
5/4/2015 14:00	13.70	8.80	20.40	13.20	0.50
5/5/2015 22:15	18.80	20.10	17.00	19.20	3.10
5/9/2015 4:15	43.50	8.40	25.50	20.30	23.20
5/19/2015 0:30	16.80	16.00	8.40	8.70	8.40
5/2/2015 22:30	2.80	6.00	10.00	5.00	1.00
5/8/2015 12:15	1.30	5.70	25.00	10.70	0.00
5/12/2015 4:00	9.00	9.20	34.00	33.00	0.00
5/14/2015 1:45	14.50	11.30	13.50	7.90	6.60
5/15/2015 16:30	26.90	32.10	12.90	13.00	19.20
5/16/2015 22:00	22.60	11.70	9.90	10.20	12.70
5/6/2015 1:00	45.70	18.50	16.40	18.30	29.30
5/6/2015 5:00	12.20	32.70	37.90	15.20	17.50
5/10/2015 20:30	11.60	13.20	53.40	10.00	3.20
5/14/2015 4:45	16.50	17.20	15.60	10.20	7.00
5/5/2015 13:00	12.00	19.90	22.90	24.00	0.00
5/5/2015 17:00	21.10	20.40	24.90	25.50	0.00
5/8/2015 7:00	3.50	6.40	52.90	11.30	0.00
5/8/2015 11:00	2.00	4.40	35.40	8.90	0.00
5/5/2015 2:15	11.30	23.10	18.10	11.20	11.90
5/13/2015 13:45	14.00	16.20	14.70	15.10	1.50
5/17/2015 18:45	33.00	22.50	16.50	17.10	16.50
5/16/2015 14:15	31.50	27.70	12.30	12.10	19.40
5/4/2015 8:30	15.20	7.90	30.10	39.30	0.00
5/13/2015 23:45	14.70	13.40	13.00	13.50	1.70
5/17/2015 2:15	26.50	22.20	8.50	9.00	18.00
5/2/2015 18:30	4.30	4.90	4.90	7.90	0.00
5/2/2015 22:45	3.80	9.50	3.70	4.70	5.80
5/5/2015 13:30	15.60	12.00	20.30	20.60	0.00
5/5/2015 17:30	24.90	28.30	26.90	27.50	1.40
5/17/2015 21:00	42.60	49.60	13.80	15.30	35.80
5/18/2015 6:45	34.70	30.50	17.00	14.00	20.70
5/2/2015 21:30	3.10	5.60	3.80	5.40	1.80
5/11/2015 2:30	12.10	22.40	25.80	13.70	8.70
5/11/2015 12:45	41.50	12.50	5.00	13.70	36.50
5/8/2015 10:45	9.60	10.90	2.40	4.50	8.50
5/11/2015 5:45	9.50	16.40	21.90	31.80	0.00
5/18/2015 12:30	28.40	12.20	7.00	7.00	21.40
5/4/2015 8:45	15.30	7.90	39.90	16.30	0.00
5/7/2015 1:15	9.40	15.10	30.10	19.00	0.00
5/7/2015 5:15	14.60	16.60	10.70	15.70	5.90
5/11/2015 0:00	27.80	15.30	38.70	7.40	20.40
5/1/2015 23:45	2.40	4.30	4.20	4.60	0.10
5/2/2015 7:30	3.90	6.60	2.10	7.10	4.50
5/8/2015 5:30	2.30	5.90	38.30	12.10	0.00
5/8/2015 9:45	53.60	16.70	3.90	6.20	0.00
5/14/2015 3:00	11.20	9.90	17.30	15.10	0.00
5/19/2015 10:00	12.40	8.90	7.10	7.20	5.30
5/5/2015 16:15	26.30	26.90	28.70	28.90	0.00
5/10/2015 17:45	12.10	11.30	17.60	17.40	0.00
5/13/2015 15:00	13.90	14.40	17.00	20.40	0.00
5/14/2015 22:45	18.60	14.70	16.60	17.30	2.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/18/2015 9:00	34.00	24.10	11.70	11.50	22.50
5/8/2015 19:00	23.80	22.40	15.30	15.60	8.50
5/18/2015 1:30	50.90	38.20	8.20	8.00	42.90
5/19/2015 4:30	12.90	10.50	8.80	8.90	4.10
5/6/2015 4:15	27.30	36.10	12.50	46.30	23.60
5/16/2015 8:45	27.90	28.50	12.50	15.90	16.00
5/3/2015 10:30	13.20	12.60	11.40	12.70	1.80
5/12/2015 11:30	20.60	19.90	10.40	10.90	10.20
5/18/2015 8:00	19.00	19.50	40.10	38.00	0.00
5/12/2015 14:45	14.40	14.60	34.60	39.20	0.00
5/12/2015 20:45	14.90	17.20	11.20	11.40	6.00
5/6/2015 17:15	21.60	14.30	13.80	25.10	7.80
5/12/2015 19:30	18.90	19.40	11.90	12.30	7.50
5/12/2015 23:30	22.50	24.80	11.30	11.60	13.50
5/2/2015 1:45	2.30	4.40	3.20	4.20	1.20
5/2/2015 6:00	3.80	4.40	2.20	3.80	2.20
5/4/2015 14:15	19.10	11.80	10.40	37.80	8.70
5/6/2015 15:15	25.30	29.30	27.50	31.10	1.80
5/10/2015 3:30	16.60	10.10	29.60	17.90	0.00
5/12/2015 0:45	12.40	14.50	12.10	10.80	3.70
5/12/2015 16:00	13.50	15.50	13.00	13.30	2.50
5/2/2015 4:45	2.10	3.70	3.60	4.10	0.10
5/5/2015 18:45	25.20	24.90	15.30	15.50	9.90
5/6/2015 7:45	28.50	33.90	18.60	26.30	15.30
5/7/2015 12:00	7.90	11.40	37.10	23.10	0.00
5/9/2015 0:15	7.90	8.20	29.00	21.60	0.00
5/4/2015 11:30	31.70	13.30	13.10	10.40	21.30
5/3/2015 4:15	3.30	5.80	11.40	6.80	0.00
5/6/2015 21:00	8.40	10.10	29.50	12.20	0.00
5/10/2015 14:30	11.80	17.10	28.40	12.10	5.00
5/2/2015 4:30	2.10	3.80	3.60	4.50	0.20
5/3/2015 6:30	9.90	16.50	17.00	8.70	7.80
5/9/2015 19:45	10.80	11.60	20.20	21.70	0.00
5/12/2015 4:15	26.80	38.10	9.30	9.50	28.80
5/18/2015 15:45	24.60	27.10	7.90	7.70	19.40
5/2/2015 2:30	3.80	4.10	2.60	3.40	1.50
5/4/2015 12:00	14.50	14.40	29.90	7.40	7.10
5/5/2015 19:15	39.30	42.50	17.50	16.60	25.90
5/5/2015 23:15	16.20	18.90	20.70	20.50	0.00
5/7/2015 2:45	20.40	25.20	7.90	18.30	17.30
5/10/2015 18:00	17.50	17.10	12.70	11.80	5.70
5/14/2015 21:15	17.10	18.00	32.70	14.10	3.90
5/14/2015 19:15	31.40	17.90	14.00	25.50	17.40
5/14/2015 23:15	17.60	14.10	10.10	8.20	9.40
5/19/2015 8:45	13.30	9.10	7.40	7.40	5.90
5/3/2015 15:15	11.80	11.70	18.70	17.00	0.00
5/19/2015 7:30	13.60	10.50	7.90	7.90	5.70
5/12/2015 15:15	14.30	14.70	20.30	16.70	0.00
5/17/2015 20:00	27.60	21.10	12.30	17.30	15.30
5/19/2015 7:00	14.70	11.10	7.90	8.10	6.80
5/19/2015 11:00	12.50	8.00	7.00	7.10	5.50
5/2/2015 2:00	5.20	4.20	2.30	3.90	2.90
5/6/2015 9:30	19.70	18.30	11.10	20.90	8.60
5/15/2015 4:00	17.80	14.80	10.00	10.90	7.80
5/17/2015 1:45	29.80	24.20	8.90	9.60	20.90
5/19/2015 20:15	16.40	10.70	16.30	8.10	8.30
5/1/2015 23:30	3.30	4.50	2.40	3.90	2.10
5/2/2015 13:00	2.00	13.60	2.50	8.30	11.10
5/2/2015 17:00	3.10	4.90	4.40	20.70	0.50
5/5/2015 7:45	17.50	16.80	34.50	14.10	3.40
5/19/2015 18:30	19.90	14.90	6.60	6.40	13.50
5/7/2015 20:30	5.30	10.00	18.00	13.90	0.00
5/3/2015 20:45	11.10	8.90	8.60	9.20	2.50
5/17/2015 22:15	6.60	6.50	36.70	43.90	0.00
5/18/2015 16:30	32.50	35.40	7.70	7.40	28.00
5/5/2015 5:30	23.30	14.60	23.70	30.40	0.00
5/6/2015 22:45	9.70	16.40	18.90	11.90	4.50
5/9/2015 11:45	12.60	7.60	8.90	10.50	3.70
5/17/2015 6:00	12.60	8.30	25.70	11.20	1.40
5/3/2015 0:45	6.20	8.30	7.90	4.10	4.20
5/12/2015 23:00	11.90	11.50	20.70	22.10	0.00
5/10/2015 0:30	16.90	17.70	16.70	17.50	1.00
5/13/2015 14:15	13.90	14.30	16.90	16.20	0.00
5/8/2015 13:30	4.70	9.30	25.00	9.20	0.10
5/8/2015 17:30	19.40	23.70	6.70	8.20	17.00
5/10/2015 13:45	11.10	14.10	15.30	11.20	2.90
5/11/2015 7:30	8.70	10.90	31.60	47.00	0.00
5/14/2015 18:45	14.20	15.20	16.20	12.40	2.80
5/8/2015 0:00	4.80	5.80	22.40	10.60	0.00
5/10/2015 1:15	25.20	16.00	14.00	13.20	12.00
5/10/2015 5:15	15.00	10.00	12.30	11.10	3.90
5/4/2015 23:00	24.40	21.30	16.60	11.80	12.60
5/9/2015 1:00	21.70	8.30	12.50	20.40	9.20
5/9/2015 5:00	17.90	8.10	15.10	16.90	2.80
5/10/2015 3:15	13.70	14.00	23.60	16.10	0.00
5/11/2015 19:00	16.80	23.20	5.90	9.40	17.30
5/15/2015 12:30	18.40	16.90	16.30	15.70	2.70
5/8/2015 18:15	7.10	9.30	13.50	19.70	0.00
5/10/2015 15:00	30.90	19.70	22.60	16.00	14.90



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Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Turbidity Data
5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/13/2015 17:45	14.20	13.90	15.20	16.30	0.00
5/14/2015 2:30	15.70	16.40	14.20	11.60	4.80
5/8/2015 16:15	10.90	11.70	20.90	10.30	1.40
5/16/2015 10:00	25.80	22.70	12.40	12.90	13.40
5/4/2015 18:15	49.40	11.20	7.60	9.20	41.80
5/11/2015 22:30	14.00	12.40	12.10	14.80	1.90
5/6/2015 11:45	25.90	23.50	16.40	27.40	9.50
5/11/2015 10:45	26.80	23.20	7.40	8.60	19.40
5/15/2015 1:30	21.30	27.30	8.90	10.00	18.40
5/15/2015 20:45	18.30	16.40	12.70	10.80	7.50
5/8/2015 12:45	16.80	12.70	2.10	9.90	14.70
5/5/2015 22:45	18.60	19.60	21.10	20.60	0.00
5/11/2015 9:45	26.90	33.60	8.60	10.70	25.00
5/14/2015 20:00	12.80	35.00	20.30	21.30	14.70
5/15/2015 15:15	22.40	20.90	13.70	7.80	14.60
5/17/2015 7:45	27.00	10.80	7.00	8.00	20.00
5/7/2015 14:00	6.60	10.80	33.10	32.80	0.00
5/16/2015 18:15	10.90	10.40	24.10	20.10	0.00
5/2/2015 18:45	5.10	4.40	6.10	7.70	0.00
5/5/2015 4:45	17.80	20.50	16.50	28.20	4.00
5/6/2015 10:30	27.90	20.90	12.00	20.70	15.90
5/17/2015 22:45	33.20	25.90	13.70	14.40	19.50
5/5/2015 1:45	12.70	20.10	12.50	7.50	12.60
5/5/2015 6:00	27.70	15.00	23.60	22.70	5.00
5/6/2015 19:45	33.40	26.70	32.90	11.20	22.20
5/6/2015 22:15	5.80	13.70	38.10	11.80	1.90
5/11/2015 16:45	23.60	20.00	9.60	10.40	14.00
5/14/2015 21:00	23.90	14.10	20.00	17.80	6.10
5/17/2015 3:00	8.60	8.70	26.10	17.00	0.00
5/17/2015 5:30	47.10	15.80	8.00	8.10	39.10
5/19/2015 9:45	12.50	8.90	7.30	7.20	5.30
5/19/2015 9:15	12.60	8.70	7.40	7.30	5.30
5/12/2015 0:15	20.70	23.30	15.30	14.00	9.30
5/15/2015 14:00	20.40	18.10	14.40	9.80	10.60
5/7/2015 3:30	16.50	16.40	37.10	12.50	4.00
5/9/2015 6:45	18.50	19.80	5.90	26.70	13.90
5/15/2015 0:45	9.50	9.50	21.50	18.40	0.00
5/15/2015 16:00	38.70	46.50	14.10	14.00	32.50
5/14/2015 12:15	44.10	24.30	15.00	10.80	33.30
5/7/2015 18:00	4.30	8.30	42.80	11.00	0.00
5/10/2015 2:45	13.90	13.80	28.90	13.30	0.60
5/16/2015 20:15	10.00	10.10	22.70	13.80	0.00
5/2/2015 19:00	5.30	6.10	4.10	8.40	2.00
5/15/2015 15:45	37.00	45.60	17.30	15.30	30.30
5/19/2015 18:15	19.10	20.60	7.40	7.00	13.60
5/12/2015 21:45	10.70	10.80	12.30	14.50	0.00
5/13/2015 14:30	17.60	19.70	15.10	16.20	4.60
5/2/2015 21:15	7.50	5.10	3.80	6.30	3.70
5/6/2015 16:00	30.60	17.80	18.40	42.10	12.20
5/8/2015 6:00	2.10	6.50	64.10	11.40	0.00
5/11/2015 13:15	9.40	25.00	15.70	16.10	9.30
5/2/2015 19:15	3.70	7.40	5.00	4.90	2.50
5/2/2015 23:15	9.80	6.20	7.10	8.80	2.70
5/5/2015 2:30	17.40	10.30	11.10	34.50	6.30
5/7/2015 10:15	24.50	16.40	4.10	6.90	20.40
5/9/2015 10:30	9.70	9.10	7.30	7.90	2.40
5/14/2015 22:15	17.10	14.30	14.60	12.40	4.70
5/16/2015 15:00	28.90	21.10	11.20	11.60	17.70
5/5/2015 4:30	17.30	27.60	18.00	28.20	9.60
5/12/2015 19:45	18.20	18.90	11.60	12.20	7.30
5/16/2015 13:00	34.20	24.50	23.40	25.20	10.80
5/16/2015 17:00	21.90	16.00	11.60	10.60	0.00
5/17/2015 8:15	27.60	15.00	11.70	7.00	20.60
5/3/2015 20:00	14.70	13.40	11.60	8.90	5.80
5/14/2015 0:00	15.30	13.00	11.90	9.60	5.70
5/8/2015 18:30	10.20	8.90	61.50	22.80	0.00
5/11/2015 13:30	10.00	33.10	9.20	56.70	23.90
5/11/2015 17:30	8.60	12.80	28.40	35.90	0.00
5/17/2015 19:15	32.40	32.90	14.30	17.60	18.60
5/17/2015 23:15	31.10	20.90	14.00	14.20	17.10
5/4/2015 8:00	18.80	8.30	15.40	28.10	3.40
5/10/2015 11:15	14.60	9.10	23.20	17.80	0.00
5/13/2015 0:30	11.60	12.10	13.80	15.00	0.00
5/15/2015 4:15	16.90	11.90	10.40	11.00	6.50
5/2/2015 16:45	4.60	10.30	4.70	21.70	5.60
5/5/2015 0:00	15.00	14.90	22.40	14.10	0.90
5/16/2015 18:30	23.60	17.70	10.80	10.20	13.40
5/2/2015 5:30	2.10	3.80	3.40	4.90	0.40
5/7/2015 13:45	5.40	10.80	46.90	22.40	0.00
5/8/2015 7:30	3.10	6.50	45.30	12.00	0.00
5/11/2015 18:45	6.40	9.30	16.70	29.00	0.00
5/12/2015 11:45	10.40	11.10	19.80	20.00	0.00
5/16/2015 21:30	19.90	10.90	9.70	10.00	10.20
5/6/2015 8:15	20.00	30.60	13.40	23.60	17.20
5/7/2015 15:45	4.30	8.50	39.50	16.70	0.00
5/8/2015 1:45	3.00	7.10	22.60	9.90	0.00
5/18/2015 7:15	17.90	20.50	46.00	63.80	0.00
5/18/2015 11:15	31.00	12.90	8.20	8.40	22.80
5/3/2015 0:15	6.90	5.30	3.40	4.90	3.50



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5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/3/2015 6:15	10.70	17.40	9.50	7.30	10.10
5/8/2015 4:45	3.10	11.90	29.70	16.10	0.00
5/16/2015 20:30	18.90	15.20	9.80	10.30	9.10
5/5/2015 5:45	21.70	21.60	23.20	11.00	10.70
5/8/2015 22:30	21.50	19.20	9.70	9.00	12.50
5/13/2015 4:30	19.40	21.80	11.20	12.10	10.60
5/4/2015 17:45	9.50	9.70	41.10	10.40	0.00
5/8/2015 3:45	19.20	13.10	31.40	16.50	2.70
5/2/2015 10:45	2.70	6.30	3.50	4.90	2.80
5/7/2015 15:00	14.00	17.60	4.50	9.20	13.10
5/9/2015 4:00	16.00	19.60	38.70	8.70	10.90
5/9/2015 8:15	7.90	9.60	20.90	15.10	0.00
5/15/2015 0:15	19.10	13.00	10.30	10.20	8.90
5/15/2015 6:15	11.50	12.30	25.50	25.30	0.00
5/2/2015 22:00	7.80	4.70	4.10	6.70	3.70
5/3/2015 15:30	10.10	11.90	9.40	11.00	2.50
5/5/2015 12:45	37.30	45.70	23.40	24.10	22.30
5/10/2015 8:30	85.80	19.70	13.50	10.60	75.20
5/14/2015 19:00	12.40	16.20	22.90	17.30	0.00
5/2/2015 7:00	2.20	3.60	3.60	5.00	0.00
5/2/2015 11:00	2.70	6.30	3.20	4.40	3.10
5/13/2015 1:15	12.20	12.20	13.20	14.60	0.00
5/13/2015 5:15	14.40	13.60	15.30	15.60	0.00
5/11/2015 16:15	9.70	9.90	16.90	14.90	0.00
5/11/2015 20:00	14.40	21.10	6.20	10.50	14.90
5/14/2015 5:30	15.20	15.70	16.60	15.10	0.60
5/4/2015 9:15	10.90	11.60	25.60	33.00	0.00
5/18/2015 11:30	26.30	13.10	9.50	8.90	17.40
5/1/2015 23:00	3.70	4.90	2.90	4.50	2.00
5/12/2015 1:00	14.30	14.70	11.00	10.10	4.60
5/12/2015 5:00	26.80	30.00	11.00	10.40	19.60
5/13/2015 3:15	22.60	21.00	11.10	11.70	11.50
5/14/2015 10:45	23.50	31.10	13.10	14.70	0.00
5/18/2015 20:45	17.90	16.30	11.30	10.90	7.00
5/3/2015 15:45	8.90	9.20	12.30	11.00	0.00
5/5/2015 8:15	17.30	16.10	53.20	32.50	0.00
5/4/2015 20:15	51.20	9.40	18.50	14.70	36.50
5/12/2015 6:45	12.10	12.50	10.00	9.30	3.20
5/14/2015 16:45	14.00	12.80	12.70	10.40	3.60
5/9/2015 9:30	7.10	8.00	8.30	8.20	0.00
5/13/2015 12:00	18.60	17.50	15.60	16.60	3.00
5/16/2015 17:45	22.00	18.10	11.30	11.50	10.70
5/2/2015 12:15	2.60	6.20	4.20	4.60	2.00
5/12/2015 1:30	20.20	19.70	10.10	10.20	10.10
5/16/2015 9:15	28.60	26.60	11.90	16.30	16.70
5/19/2015 2:00	8.50	8.60	23.10	22.70	0.00
5/3/2015 21:00	8.70	9.70	10.40	9.60	0.10
5/4/2015 1:30	10.60	6.00	9.70	11.10	0.90
5/18/2015 19:30	45.30	55.40	11.00	11.00	44.40
5/18/2015 23:30	8.60	8.70	18.00	19.00	0.00
5/4/2015 3:30	9.50	7.20	10.50	13.00	0.00
5/7/2015 6:15	27.60	12.50	12.80	14.10	0.00
5/13/2015 10:00	17.00	17.40	14.20	14.80	3.20
5/18/2015 0:45	35.90	35.40	9.80	9.10	26.80
5/18/2015 16:00	25.20	28.60	7.50	7.60	21.10
5/11/2015 2:00	11.80	15.00	37.50	14.10	0.90
5/17/2015 12:45	17.80	4.40	28.50	7.50	10.30
5/18/2015 14:00	24.00	14.30	7.70	7.80	16.30
5/4/2015 9:00	11.10	9.40	35.60	16.10	0.00
5/6/2015 14:45	29.10	33.90	41.60	14.90	19.00
5/12/2015 12:30	25.70	16.10	11.60	11.90	14.10
5/17/2015 5:45	26.60	8.50	8.50	8.70	18.10
5/17/2015 9:30	11.90	6.90	19.80	11.50	0.40
5/12/2015 19:15	17.80	19.90	12.30	12.40	7.60
5/12/2015 23:15	11.40	11.30	23.80	25.80	0.00
5/17/2015 7:00	25.00	10.70	9.20	7.50	17.50
5/17/2015 11:00	40.10	6.90	20.90	8.60	31.50
5/3/2015 19:15	9.50	10.60	13.10	13.10	0.00
5/3/2015 23:15	9.50	8.70	9.30	11.70	0.20
5/7/2015 11:30	6.20	11.10	35.50	18.30	0.00
5/17/2015 20:15	30.90	24.00	14.90	17.30	16.00
5/18/2015 15:30	22.10	14.40	9.00	8.00	14.10
5/10/2015 15:15	21.10	16.80	26.00	15.10	6.00
5/16/2015 15:45	21.10	25.60	12.30	13.10	13.30
5/7/2015 21:45	4.40	8.10	35.10	14.70	0.00
5/8/2015 18:00	15.00	24.70	5.60	10.30	19.10
5/17/2015 7:30	21.50	13.50	7.40	7.20	14.30
5/7/2015 19:45	5.10	5.80	34.00	18.90	0.00
5/17/2015 0:00	12.10	14.20	19.40	7.90	6.30
5/8/2015 14:30	5.60	7.50	21.20	20.50	0.00
5/15/2015 1:45	14.70	19.70	9.00	9.60	10.70
5/17/2015 10:45	20.80	9.50	38.90	6.80	14.00
5/10/2015 4:15	18.10	10.50	14.80	12.60	5.50
5/4/2015 9:30	17.20	6.00	26.40	30.20	0.00
5/16/2015 14:30	29.20	14.80	12.50	12.20	17.00
5/10/2015 23:00	26.40	18.10	14.90	12.90	13.50
5/15/2015 19:45	12.40	11.70	19.70	12.60	0.00
5/15/2015 22:15	31.40	40.40	14.80	16.50	25.60
5/17/2015 22:00	41.40	30.40	6.90	6.60	34.80



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5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/19/2015 7:15	15.10	10.50	7.80	8.00	7.30
5/19/2015 11:15	14.40	7.80	7.00	7.00	7.40
5/3/2015 5:30	3.60	6.60	8.40	5.80	0.80
5/6/2015 9:45	27.70	18.30	21.90	20.30	7.40
5/7/2015 11:45	6.90	10.80	36.50	19.80	0.00
5/12/2015 8:15	15.30	16.80	8.80	9.00	8.00
5/3/2015 7:45	10.80	19.20	10.00	12.40	9.20
5/16/2015 16:30	21.10	15.40	11.90	10.00	11.10
5/3/2015 13:30	18.70	13.00	41.60	19.80	0.00
5/3/2015 17:30	26.50	23.20	12.00	14.00	14.50
5/6/2015 10:45	31.10	21.80	20.90	21.00	10.20
5/8/2015 13:45	4.90	6.80	8.60	8.90	0.00
5/12/2015 18:45	12.40	13.10	17.80	19.00	0.00
5/1/2015 20:45	6.50	5.90	-4.60	5.10	11.10
5/6/2015 0:00	17.30	18.30	19.90	17.40	0.90
5/11/2015 14:15	17.00	20.10	18.00	20.20	2.10
5/5/2015 0:30	10.70	13.40	22.60	12.00	1.40
5/8/2015 0:30	5.30	9.40	20.20	10.70	0.00
5/17/2015 21:30	11.70	13.20	32.50	30.50	0.00
5/15/2015 11:45	19.80	18.50	10.20	8.50	11.30
5/17/2015 18:30	13.50	15.20	28.80	25.30	0.00
5/6/2015 13:30	45.20	13.70	25.30	33.30	19.90
5/6/2015 17:30	26.60	13.40	20.60	24.50	6.00
5/9/2015 10:45	7.60	8.10	10.20	9.20	0.00
5/2/2015 18:15	4.90	4.30	5.10	12.10	0.00
5/11/2015 17:45	76.30	31.60	8.20	14.00	0.00
5/13/2015 14:00	14.90	15.40	15.40	15.80	0.00
5/18/2015 2:15	30.50	33.90	7.20	7.40	26.70
5/19/2015 9:00	11.80	8.90	7.50	7.40	4.40
5/19/2015 11:30	7.00	6.90	13.30	8.30	0.00
5/8/2015 3:15	21.10	10.50	7.70	15.70	13.40
5/12/2015 9:30	10.10	10.50	14.80	15.30	0.00
5/18/2015 0:15	33.00	33.50	9.50	9.10	24.40
5/8/2015 15:00	5.70	7.00	18.40	17.40	0.00
5/10/2015 4:00	27.90	13.70	17.20	17.70	10.70
5/5/2015 9:45	14.30	13.50	19.80	20.10	0.00
5/5/2015 20:30	20.30	18.30	15.30	18.40	5.00
5/7/2015 1:00	14.90	14.90	15.80	16.40	0.00
5/7/2015 5:00	12.80	15.90	24.10	15.30	0.60
5/9/2015 19:00	17.00	11.60	8.80	11.70	8.20
5/12/2015 20:00	15.90	18.40	11.30	12.00	7.10
5/5/2015 9:15	13.30	13.10	36.50	20.50	0.00
5/8/2015 1:15	18.70	10.40	7.00	7.20	0.00
5/8/2015 5:15	41.40	13.70	2.00	12.20	39.40
5/3/2015 22:45	9.40	10.50	8.10	8.70	2.40
5/5/2015 21:30	18.10	18.10	18.70	19.70	0.00
5/14/2015 18:15	53.80	33.10	14.40	15.40	39.40
5/15/2015 7:45	12.00	11.80	18.60	15.10	0.00
5/16/2015 18:00	22.20	13.00	11.60	11.10	11.10
5/19/2015 6:45	13.80	11.20	8.10	8.20	5.70
5/4/2015 1:15	8.10	13.50	12.30	9.00	4.50
5/4/2015 5:15	10.60	10.10	24.00	8.50	2.10
5/5/2015 8:45	14.40	14.30	49.30	32.00	0.00
5/12/2015 21:00	14.10	15.70	11.00	11.30	0.00
5/13/2015 1:30	13.00	13.70	12.50	12.10	1.60
5/13/2015 20:45	13.20	13.10	20.20	14.20	0.00
5/16/2015 1:15	40.10	44.00	21.10	13.70	30.30
5/16/2015 5:15	14.50	18.20	30.40	29.90	0.00
5/17/2015 9:15	22.60	15.10	32.30	7.20	15.40
5/4/2015 15:45	19.40	13.00	39.00	8.60	10.80
5/8/2015 4:30	21.50	11.10	26.90	16.10	5.40
5/8/2015 23:45	28.90	19.00	12.70	9.00	19.90
5/15/2015 1:00	32.50	31.20	8.40	9.90	24.10
5/15/2015 5:00	22.30	26.50	15.30	16.80	11.20
5/15/2015 22:45	30.70	34.40	17.70	16.60	17.80
5/17/2015 19:00	32.20	17.90	16.70	17.10	15.50
5/3/2015 1:45	19.80	5.90	3.90	5.50	15.90
5/3/2015 6:00	9.60	6.50	4.80	5.40	4.80
5/5/2015 20:15	19.60	19.60	16.60	17.00	3.00
5/15/2015 3:00	18.10	32.60	10.10	9.20	0.00
5/17/2015 8:45	20.70	16.40	10.90	7.60	13.10
5/2/2015 12:00	2.70	12.40	2.80	4.50	9.60
5/4/2015 10:30	32.70	7.20	22.20	25.70	10.50
5/7/2015 19:30	5.30	6.60	55.70	31.90	0.00
5/7/2015 23:30	2.60	6.90	68.70	14.50	0.00
5/17/2015 9:45	24.20	16.50	8.10	6.90	17.30
5/19/2015 19:30	11.00	8.90	16.20	9.50	1.50
5/3/2015 11:45	16.60	13.80	18.20	9.00	7.60
5/13/2015 12:30	16.80	17.20	15.40	16.10	1.80
5/14/2015 10:00	27.20	29.10	9.00	13.80	20.10
5/19/2015 8:00	14.40	9.60	7.70	7.70	6.70
5/5/2015 3:30	17.80	5.70	18.80	18.70	0.00
5/7/2015 6:45	24.90	23.10	10.10	13.90	14.80
5/13/2015 0:45	11.30	11.90	13.20	14.50	0.00
5/13/2015 16:00	14.50	15.90	16.80	16.70	0.00
5/18/2015 5:45	38.50	25.40	10.90	10.60	27.90
5/10/2015 0:15	16.90	20.70	18.70	17.20	3.50
5/10/2015 6:15	28.80	12.20	10.60	8.00	20.80
5/7/2015 14:45	5.40	9.70	14.90	21.30	0.00



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5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/7/2015 20:45	5.50	9.70	33.10	11.60	0.00
5/9/2015 13:15	23.20	29.10	18.80	14.70	14.40
5/9/2015 17:15	14.00	10.00	8.10	9.40	5.90
5/14/2015 20:30	21.50	14.30	22.10	20.30	1.20
5/5/2015 12:15	27.70	27.40	13.50	17.50	14.20
5/6/2015 2:15	16.90	38.60	14.60	15.40	24.00
5/10/2015 21:45	45.20	11.10	11.10	13.70	34.10
5/14/2015 18:30	14.20	15.40	32.80	36.40	0.00
5/13/2015 4:15	26.00	25.20	11.30	11.80	14.80
5/13/2015 10:15	15.80	16.20	13.70	14.20	2.50
5/14/2015 21:30	16.60	20.20	36.60	14.40	5.80
5/8/2015 2:45	2.40	6.00	17.40	10.60	0.00
5/18/2015 20:00	37.40	48.20	10.60	10.80	37.60
5/3/2015 2:30	11.20	6.30	9.60	3.90	7.30
5/7/2015 10:30	4.60	8.00	24.20	17.60	0.00
5/7/2015 16:30	3.20	8.10	44.80	13.20	0.00
5/3/2015 19:45	14.60	11.80	13.60	12.10	2.50
5/4/2015 16:00	20.20	11.90	41.70	8.40	11.80
5/15/2015 8:15	22.30	17.00	9.70	12.20	12.60
5/8/2015 22:00	26.50	17.50	20.00	12.10	14.40
5/12/2015 22:15	12.90	13.60	12.70	10.50	3.10
5/9/2015 18:45	8.90	12.00	14.80	10.10	1.90
5/14/2015 13:00	15.40	14.60	30.50	24.30	0.00
5/14/2015 17:00	13.60	13.10	19.50	14.30	0.00
5/13/2015 8:30	14.40	14.90	13.90	14.60	1.00
5/14/2015 3:45	44.60	14.80	11.80	9.10	35.50
5/2/2015 0:30	2.50	3.90	4.20	4.30	0.00
5/6/2015 3:00	20.90	43.30	16.50	17.30	26.80
5/11/2015 0:30	15.40	18.10	45.30	10.10	8.00
5/13/2015 15:45	15.40	15.60	14.10	16.00	1.50
5/15/2015 10:30	23.40	24.50	10.70	9.20	15.30
5/4/2015 20:45	23.00	19.50	20.70	10.70	12.30
5/7/2015 23:00	40.50	11.50	2.70	5.60	37.80
5/8/2015 14:15	5.10	6.00	13.60	8.70	0.00
5/14/2015 20:15	15.20	33.60	20.50	20.60	13.10
5/18/2015 19:45	44.30	51.80	10.40	10.80	41.40
5/2/2015 8:00	2.10	3.70	3.60	9.10	0.10
5/6/2015 16:15	31.40	21.60	19.30	17.90	13.50
5/9/2015 13:30	28.00	20.70	19.60	9.80	18.20
5/9/2015 17:30	16.70	11.00	11.30	11.60	5.40
5/15/2015 19:15	20.80	12.40	15.20	13.70	7.10
5/15/2015 23:15	64.00	86.70	20.50	17.90	68.80
5/19/2015 14:30	6.30	6.20	14.10	6.70	0.00
5/4/2015 0:45	9.20	15.90	11.80	11.20	4.70
5/5/2015 15:00	34.30	17.60	29.10	21.10	13.20
5/6/2015 22:30	6.60	15.30	11.60	12.50	3.70
5/14/2015 7:30	13.70	12.10	15.20	13.10	0.60
5/18/2015 11:45	29.10	14.00	11.30	11.00	18.10
5/19/2015 16:30	15.40	8.60	8.70	9.30	6.70
5/3/2015 0:00	5.00	4.60	9.20	6.30	0.00
5/9/2015 15:30	12.30	10.60	20.90	10.60	1.70
5/16/2015 7:15	38.80	31.30	12.50	12.60	26.30
5/16/2015 11:15	26.00	20.70	12.20	13.10	13.80
5/2/2015 20:30	4.20	4.70	3.70	5.80	1.00
5/5/2015 23:45	18.40	18.40	25.90	24.70	0.00
5/9/2015 16:15	9.10	10.10	15.80	12.30	0.00
5/9/2015 20:00	12.00	12.50	24.30	16.50	0.00
5/7/2015 4:00	32.80	14.90	46.00	13.40	19.40
5/16/2015 19:30	22.50	16.40	9.70	9.80	12.80
5/16/2015 23:30	15.00	17.40	20.60	12.70	4.70
5/3/2015 12:45	18.00	13.50	17.00	14.00	4.00
5/6/2015 7:30	26.10	30.10	21.30	25.30	8.80
5/8/2015 8:45	60.80	10.80	2.90	6.90	57.90
5/17/2015 2:00	26.90	20.00	8.50	9.80	18.40
5/3/2015 5:45	5.10	4.60	8.90	7.40	0.00
5/11/2015 4:30	8.50	16.20	30.00	21.00	0.00
5/14/2015 17:45	16.40	17.10	14.60	8.80	8.30
5/18/2015 6:30	32.90	31.10	14.20	14.40	18.70
5/6/2015 18:45	33.80	34.40	52.10	11.70	22.70
5/14/2015 9:15	27.30	22.20	12.80	16.10	14.50
5/16/2015 20:45	10.00	10.50	15.20	8.30	2.20
5/18/2015 13:15	8.20	7.90	24.20	13.30	0.00
5/18/2015 17:15	24.00	17.40	8.30	8.20	15.80
5/18/2015 15:15	24.80	15.50	10.80	10.10	14.70
5/2/2015 17:45	4.30	14.70	1.90	5.70	12.80
5/11/2015 3:15	34.00	15.10	9.40	15.90	24.60
5/12/2015 5:30	12.30	13.40	10.90	10.00	3.40
5/18/2015 7:45	42.80	44.60	13.40	15.60	31.20
5/19/2015 12:00	13.10	7.30	6.80	6.70	6.40
5/2/2015 9:15	2.50	3.20	3.80	8.50	0.00
5/5/2015 18:15	20.70	20.50	25.20	25.50	0.00
5/10/2015 8:00	69.00	11.90	12.00	8.20	60.80
5/16/2015 11:30	24.10	18.90	14.80	13.20	10.90
5/2/2015 9:00	2.50	4.20	3.90	17.00	0.30
5/10/2015 12:30	44.10	28.70	15.40	11.10	33.00
5/11/2015 10:00	7.70	10.20	30.10	32.20	0.00
5/2/2015 3:30	2.30	3.50	4.10	4.10	0.00
5/6/2015 6:00	24.50	13.70	26.80	30.90	0.00
5/12/2015 16:45	16.60	17.40	13.00	13.90	4.40



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/17/2015 18:15	31.80	24.50	12.80	14.30	19.00
5/18/2015 3:00	25.10	15.40	7.40	7.80	17.70
5/1/2015 21:00	6.00	6.30	-4.60	4.90	10.90
5/3/2015 8:15	11.80	14.80	7.60	13.70	7.20
5/18/2015 1:00	41.60	50.60	7.30	7.40	43.30
5/18/2015 5:00	36.50	39.50	14.80	15.60	24.70
5/18/2015 22:45	8.50	8.60	16.80	13.00	0.00
5/2/2015 3:45	3.20	4.20	2.20	3.60	2.00
5/6/2015 13:15	24.40	34.40	42.40	15.40	19.00
5/9/2015 21:00	26.70	14.90	10.60	13.20	16.10
5/10/2015 1:30	14.00	13.70	30.40	16.00	0.00
5/19/2015 1:15	16.10	13.60	8.50	8.70	7.60
5/19/2015 5:15	8.70	8.80	14.90	11.30	0.00
5/5/2015 18:00	18.70	16.10	24.30	26.20	0.00
5/13/2015 6:15	15.80	16.10	13.90	14.40	2.20
5/15/2015 12:45	17.20	17.40	12.60	11.50	5.90
5/2/2015 20:15	7.10	4.60	4.50	9.10	2.60
5/10/2015 6:45	61.40	10.40	13.40	8.90	52.50
5/15/2015 5:45	20.20	25.10	9.40	12.50	15.70
5/15/2015 9:30	10.10	10.20	30.20	27.70	0.00
5/16/2015 0:45	15.50	11.60	52.10	65.30	0.00
5/9/2015 2:15	15.00	7.90	12.60	18.80	2.40
5/16/2015 14:00	32.70	31.30	14.30	14.60	18.40
5/17/2015 23:45	31.60	28.90	13.60	14.50	18.00
5/7/2015 1:30	7.70	16.00	14.40	16.80	1.60
5/9/2015 22:15	10.40	12.20	23.00	7.50	4.70
5/11/2015 22:00	15.20	15.80	22.20	20.00	0.00
5/13/2015 7:15	16.90	18.10	14.50	14.60	3.60
5/13/2015 11:15	16.90	16.80	14.50	15.80	2.40
5/16/2015 23:00	23.30	14.70	9.70	12.10	13.60
5/17/2015 4:45	7.70	8.60	36.50	32.90	0.00
5/4/2015 7:15	12.50	5.80	27.60	26.60	0.00
5/4/2015 11:15	30.20	21.50	18.40	8.40	21.80
5/11/2015 21:30	12.10	11.40	6.60	9.60	5.50
5/5/2015 21:15	17.10	19.30	19.10	19.50	0.20
5/6/2015 2:00	15.30	16.00	47.70	47.60	0.00
5/11/2015 18:30	16.40	20.90	6.90	10.20	14.00
5/3/2015 19:00	7.30	7.70	14.70	12.50	0.00
5/4/2015 21:45	17.60	20.30	13.40	14.70	6.90
5/12/2015 13:15	26.20	22.30	20.10	19.90	6.30
5/12/2015 17:15	16.70	18.10	13.00	13.80	5.10
5/17/2015 13:00	22.20	5.80	17.50	22.40	4.70
5/17/2015 17:00	36.30	25.50	14.10	12.20	24.10
5/3/2015 13:15	13.70	20.20	45.00	29.80	0.00
5/3/2015 17:15	15.80	15.40	17.80	13.20	2.60
5/11/2015 2:45	19.40	19.70	11.80	9.90	9.80
5/9/2015 6:00	21.30	14.80	22.10	12.90	8.40
5/18/2015 8:15	31.70	27.20	18.30	18.70	13.40
5/6/2015 2:30	18.90	44.30	14.40	16.20	29.90
5/10/2015 16:30	25.80	22.10	30.10	18.60	7.20
5/13/2015 21:45	12.90	13.30	20.50	13.70	0.00
5/16/2015 8:30	25.80	38.40	12.80	18.90	25.60
5/17/2015 3:45	29.00	20.20	7.90	8.40	21.10
5/11/2015 7:00	9.50	10.00	30.90	30.60	0.00
5/11/2015 11:00	6.80	9.70	22.20	26.40	0.00
5/12/2015 13:30	28.30	39.40	19.70	17.60	21.80
5/12/2015 17:30	20.20	22.10	13.30	13.80	8.80
5/14/2015 22:30	17.90	15.00	14.30	13.80	4.10
5/18/2015 19:15	45.60	62.20	10.70	10.30	51.90
5/18/2015 23:15	8.30	8.50	15.90	13.30	0.00
5/11/2015 20:15	18.70	20.50	5.50	10.10	15.00
5/12/2015 15:30	14.10	15.90	13.60	14.10	2.30
5/3/2015 14:45	10.40	14.70	15.60	12.60	2.10
5/14/2015 0:30	12.70	11.70	13.40	14.00	0.00
5/16/2015 10:15	23.20	14.20	12.10	11.60	11.60
5/18/2015 10:30	24.80	12.50	13.20	12.60	12.20
5/3/2015 16:45	8.00	8.30	12.70	12.10	0.00
5/9/2015 12:15	23.60	16.00	11.60	8.70	14.90
5/5/2015 8:30	15.70	16.10	51.30	30.80	0.00
5/6/2015 20:00	31.80	19.70	44.60	21.70	10.10
5/9/2015 4:45	15.00	18.20	14.90	8.00	10.20
5/11/2015 20:30	13.70	15.90	5.90	9.90	10.00
5/17/2015 12:15	21.70	12.10	20.90	26.10	0.80
5/18/2015 18:45	10.30	9.20	26.10	30.20	0.00
5/9/2015 1:45	21.10	7.70	14.30	21.90	6.80
5/17/2015 14:15	19.10	7.40	16.00	7.90	11.20
5/4/2015 6:15	9.10	6.40	31.80	25.30	0.00
5/6/2015 3:45	14.20	20.40	40.40	16.00	4.40
5/10/2015 15:45	29.50	15.00	43.80	21.80	7.70
5/2/2015 15:00	23.30	4.70	2.20	17.60	21.10
5/3/2015 22:30	10.10	11.20	9.20	9.30	2.00
5/4/2015 4:00	11.00	9.90	22.20	11.30	0.00
5/6/2015 1:45	15.00	15.60	56.50	61.70	0.00
5/6/2015 4:45	26.70	40.70	35.10	12.50	28.20
5/11/2015 9:15	19.70	52.80	8.70	11.00	44.10
5/18/2015 21:00	16.20	15.20	10.90	10.70	5.50
5/19/2015 1:30	15.20	13.50	8.40	8.60	6.80
5/2/2015 3:15	2.40	4.20	3.80	4.20	0.40
5/9/2015 22:45	14.90	13.70	20.00	6.30	8.60



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/14/2015 4:30	15.20	14.20	17.70	13.20	2.00
5/14/2015 23:45	15.80	13.90	10.00	9.70	6.10
5/15/2015 6:30	12.10	12.50	24.20	24.20	0.00
5/3/2015 7:30	13.20	13.70	10.00	13.20	3.70
5/5/2015 17:45	22.20	24.30	25.80	26.30	0.00
5/12/2015 5:45	11.90	14.40	10.40	9.60	4.80
5/16/2015 12:00	24.50	21.00	12.70	12.60	0.00
5/3/2015 7:00	10.40	14.70	13.50	11.30	3.40
5/3/2015 11:00	15.40	10.90	12.20	25.50	3.20
5/12/2015 12:45	32.70	31.80	22.10	26.80	10.60
5/16/2015 6:15	28.20	29.30	14.90	15.40	14.40
5/2/2015 23:45	7.60	4.30	7.40	5.60	2.00
5/12/2015 16:15	13.00	13.50	13.60	15.90	0.00
5/6/2015 12:15	33.50	24.50	31.60	31.90	1.90
5/13/2015 8:00	16.50	19.40	14.40	14.90	5.00
5/15/2015 14:45	22.00	20.60	12.00	9.80	12.20
5/3/2015 18:30	17.60	17.80	37.30	31.00	0.00
5/9/2015 3:00	14.60	9.40	13.30	18.80	1.30
5/9/2015 5:30	12.20	14.20	12.80	15.90	1.40
5/11/2015 8:45	32.30	38.20	9.10	9.30	29.10
5/14/2015 3:15	11.60	9.00	16.40	13.10	0.00
5/15/2015 16:45	21.70	29.90	11.10	11.90	18.80
5/14/2015 15:00	11.90	12.70	14.80	16.00	0.00
5/19/2015 3:30	17.20	16.90	8.50	8.90	8.70
5/5/2015 3:45	20.60	18.80	17.20	5.50	15.10
5/12/2015 2:15	15.50	19.50	8.00	9.60	11.50
5/13/2015 9:00	16.10	15.00	12.90	14.00	3.20
5/13/2015 11:30	15.90	18.70	17.90	16.80	1.90
5/19/2015 14:00	12.30	6.80	6.00	6.10	0.00
5/7/2015 0:45	51.10	13.80	15.70	15.90	35.40
5/7/2015 16:00	36.00	22.40	4.60	8.60	31.40
5/13/2015 6:45	16.30	16.60	13.30	13.20	3.40
5/19/2015 0:45	8.30	8.60	16.90	14.40	0.00
5/5/2015 9:00	13.90	13.90	30.00	28.30	0.00
5/7/2015 12:30	5.90	9.70	32.20	17.00	0.00
5/8/2015 10:00	57.60	12.10	3.60	5.60	54.00
5/2/2015 14:30	18.60	7.70	2.50	18.70	16.10
5/5/2015 14:15	47.90	28.70	18.40	18.80	29.50
5/14/2015 2:00	12.30	8.00	14.40	12.70	0.00
5/18/2015 9:30	32.10	28.20	11.80	11.90	20.30
5/2/2015 18:00	3.80	5.80	4.80	11.60	1.00
5/8/2015 12:00	1.40	6.80	25.60	14.80	0.00
5/13/2015 19:30	12.90	12.80	14.80	13.80	0.00
5/13/2015 23:30	18.10	16.10	13.50	13.00	5.10
5/1/2015 21:45	5.30	6.50	-4.60	4.60	11.10
5/2/2015 14:00	3.40	19.10	3.00	12.30	16.10
5/4/2015 6:30	10.20	6.40	21.30	44.00	0.00
5/4/2015 12:30	21.60	9.10	24.40	17.60	0.00
5/5/2015 10:00	19.40	16.40	13.00	12.40	7.00
5/15/2015 18:45	24.30	24.30	20.10	14.70	9.60
5/3/2015 2:00	8.10	3.80	8.90	7.20	0.90
5/4/2015 10:15	24.20	7.30	14.60	21.60	9.60
5/5/2015 12:00	11.40	11.80	36.20	38.10	0.00
5/19/2015 8:30	12.00	9.40	7.90	7.60	4.40
5/7/2015 15:15	33.30	16.80	3.40	8.60	29.90
5/9/2015 16:45	13.00	12.70	7.70	8.50	5.30
5/10/2015 11:30	15.30	15.40	21.40	28.00	0.00
5/14/2015 22:00	13.60	13.50	14.50	20.00	0.00
5/15/2015 15:30	37.40	43.00	12.70	11.40	31.60
5/9/2015 19:15	9.30	11.50	25.90	12.60	0.00
5/9/2015 23:15	34.70	7.70	14.20	24.40	20.50
5/17/2015 22:30	13.50	13.80	33.90	35.50	0.00
5/9/2015 21:15	18.50	14.60	10.10	13.30	8.40
5/13/2015 16:30	14.70	13.80	14.70	15.60	0.00
5/19/2015 13:45	12.50	7.10	6.20	6.10	6.40
5/3/2015 22:15	11.30	10.70	9.90	10.60	1.40
5/6/2015 5:45	20.90	38.60	34.00	13.50	25.10
5/7/2015 4:15	13.00	15.20	47.60	12.30	2.90
5/8/2015 21:30	30.70	11.80	4.40	16.40	26.30
5/12/2015 6:00	12.20	14.10	9.90	9.10	5.00
5/17/2015 0:30	26.10	15.60	11.50	15.80	14.60
5/18/2015 4:00	37.20	38.70	14.90	13.20	25.50
5/19/2015 15:45	13.90	6.80	12.10	11.60	2.30
5/6/2015 12:45	39.50	29.30	19.80	36.80	19.70
5/2/2015 8:30	2.30	10.30	4.10	11.00	6.20
5/3/2015 2:15	14.40	6.20	8.80	3.70	10.70
5/4/2015 1:00	12.50	11.00	8.90	13.80	3.60
5/4/2015 5:00	10.20	10.20	14.90	11.50	0.00
5/6/2015 19:00	41.50	12.00	29.70	37.30	11.80
5/8/2015 20:30	22.20	14.50	5.60	11.50	16.60
5/11/2015 13:45	17.50	23.80	9.40	40.50	14.40
5/15/2015 13:15	18.20	21.10	11.40	10.90	10.20
5/15/2015 17:15	25.10	28.60	22.00	21.30	7.30
5/4/2015 6:45	10.30	6.20	26.60	37.20	0.00
5/16/2015 21:45	21.70	13.70	10.00	10.20	11.70
5/6/2015 5:30	15.50	34.60	31.50	27.10	7.50
5/10/2015 7:15	13.40	9.40	45.40	10.80	2.60
5/12/2015 1:45	22.40	21.30	8.00	9.90	14.40
5/18/2015 22:15	19.00	19.60	8.70	9.00	10.90



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Indiana Harbor and Canal
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Real-Time Turbidity Data
5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/14/2015 7:00	18.00	12.00	13.40	11.10	6.90
5/14/2015 11:00	18.50	32.10	10.10	11.60	22.00
5/17/2015 21:15	43.60	40.90	14.60	14.90	29.00
5/19/2015 10:15	13.30	8.20	7.20	7.20	6.10
5/3/2015 13:00	18.60	14.50	62.40	33.80	0.00
5/3/2015 17:00	7.70	10.50	14.30	10.40	0.10
5/8/2015 20:15	4.70	10.50	12.00	13.60	0.00
5/13/2015 23:00	12.70	10.40	16.50	8.30	4.40
5/14/2015 14:15	13.90	11.20	27.50	30.90	0.00
5/2/2015 9:45	3.80	14.50	2.50	3.70	12.00
5/16/2015 12:30	16.50	20.40	19.50	19.10	1.30
5/17/2015 10:00	21.80	7.90	11.80	6.80	15.00
5/2/2015 8:45	3.10	8.80	2.30	4.10	6.50
5/16/2015 6:45	40.30	32.20	13.20	13.70	27.10
5/19/2015 2:45	18.20	18.70	8.20	8.50	10.50
5/19/2015 18:00	21.10	19.50	7.20	6.60	14.50
5/9/2015 0:00	17.20	8.80	12.00	19.50	5.20
5/11/2015 23:45	37.70	32.20	20.00	19.60	18.10
5/15/2015 2:15	14.90	33.40	8.40	9.00	25.00
5/8/2015 9:15	3.10	7.60	61.70	12.40	0.00
5/11/2015 13:00	38.20	15.20	7.70	13.00	30.50
5/11/2015 17:00	30.10	40.80	9.50	11.50	31.30
5/15/2015 21:00	12.60	11.10	19.20	17.20	0.00
5/16/2015 1:30	33.30	54.60	20.10	14.30	40.30
5/3/2015 16:15	7.80	8.00	14.00	21.10	0.00
5/9/2015 2:30	12.10	8.40	12.70	19.00	0.00
5/9/2015 12:45	45.70	37.90	17.20	14.60	31.10
5/11/2015 15:00	10.10	26.30	14.90	21.00	11.40
5/14/2015 9:45	10.70	14.60	19.40	20.70	0.00
5/16/2015 3:30	30.30	38.60	13.30	11.50	27.10
5/19/2015 6:15	15.30	12.40	8.30	8.40	7.00
5/11/2015 18:15	15.10	16.10	8.60	13.80	7.50
5/12/2015 3:00	9.30	10.80	8.90	9.10	1.90
5/14/2015 8:45	17.50	19.90	10.60	15.00	9.30
5/18/2015 16:45	26.70	34.70	7.10	7.20	27.60
5/5/2015 3:15	17.80	19.10	13.20	22.60	5.90
5/6/2015 21:15	7.50	9.80	27.00	16.60	0.00
5/8/2015 17:45	5.80	8.80	21.30	26.50	0.00
5/12/2015 22:45	12.30	10.90	17.20	16.80	0.00
5/16/2015 9:00	27.70	30.30	11.80	14.80	18.50
5/18/2015 14:45	23.90	17.20	8.10	8.30	0.00
5/6/2015 19:15	24.40	29.70	64.60	12.40	17.30
5/6/2015 23:15	7.60	11.00	49.50	11.80	0.00
5/15/2015 20:00	19.20	13.70	12.00	12.40	7.20
5/10/2015 19:30	11.60	12.80	42.10	12.10	0.70
5/10/2015 23:30	28.10	20.00	20.00	13.40	14.70
5/2/2015 14:15	2.40	24.80	20.30	8.90	15.90
5/9/2015 5:45	20.10	14.90	7.50	12.60	12.60
5/10/2015 0:45	15.00	15.10	28.40	16.60	0.00
5/10/2015 16:00	38.40	26.80	25.40	13.80	24.60
5/12/2015 7:45	27.10	20.60	8.40	8.70	18.70
5/17/2015 3:15	27.00	19.50	8.40	8.70	18.60
5/5/2015 14:30	33.10	35.70	19.40	19.80	16.30
5/10/2015 14:00	10.10	12.00	13.90	18.80	0.00
5/16/2015 8:00	27.70	27.60	12.70	18.00	15.00
5/10/2015 20:45	54.20	9.50	12.00	14.20	42.20
5/3/2015 18:45	19.40	13.60	25.50	18.00	1.40
5/7/2015 0:15	38.00	17.70	13.50	17.00	24.50
5/6/2015 16:45	24.30	24.00	23.60	15.60	8.70
5/8/2015 3:30	25.20	11.00	24.50	12.40	12.80
5/17/2015 2:30	23.70	18.10	8.30	8.70	15.40
5/12/2015 6:30	12.10	13.20	9.70	9.40	3.80
5/17/2015 4:30	47.30	49.10	7.50	8.20	41.60
5/15/2015 14:15	20.00	17.50	14.90	9.60	10.40
5/18/2015 13:30	26.90	13.50	9.10	8.40	18.50
5/18/2015 17:30	25.90	17.10	7.80	7.90	18.10
5/2/2015 21:45	3.90	6.30	4.90	5.00	1.40
5/6/2015 10:00	27.70	24.60	14.40	20.60	13.30
5/10/2015 13:15	10.70	12.70	51.50	13.00	0.00
5/10/2015 17:15	11.60	13.60	20.70	16.40	0.00
5/3/2015 21:15	8.60	9.30	10.00	9.70	0.00
5/5/2015 10:15	21.60	16.20	13.50	12.30	9.30
5/5/2015 12:30	25.30	25.70	18.90	17.60	8.10
5/10/2015 16:45	42.90	20.50	21.60	21.10	21.80
5/12/2015 21:15	14.90	16.10	10.90	10.90	5.20
5/14/2015 10:15	7.00	11.50	12.30	31.50	0.00
5/4/2015 2:30	8.20	14.70	10.30	8.80	5.90
5/5/2015 14:00	15.10	24.90	19.80	20.50	5.10
5/7/2015 22:15	2.80	5.90	20.10	12.40	0.00
5/8/2015 16:30	20.70	11.10	12.50	10.00	10.70
5/9/2015 22:00	19.90	12.20	9.30	13.30	10.60
5/11/2015 9:00	33.60	57.60	9.30	9.40	48.30
5/11/2015 11:30	21.80	11.90	6.70	8.30	15.10
5/15/2015 4:45	21.70	25.90	11.50	11.70	14.40
5/18/2015 16:15	25.80	38.60	10.80	7.70	30.90
5/5/2015 16:00	30.00	32.10	28.50	28.70	3.60
5/7/2015 6:00	11.80	13.10	35.10	10.20	2.90
5/9/2015 21:30	18.20	11.80	12.50	13.40	5.70
5/11/2015 21:45	12.20	11.50	25.70	22.10	0.00



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5-2-15 to 8-17-15
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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/15/2015 3:45	19.00	14.90	9.70	10.50	9.30
5/15/2015 13:00	17.60	17.20	13.80	12.00	5.60
5/15/2015 17:00	25.50	29.20	12.70	13.00	16.50
5/16/2015 8:15	30.10	30.70	12.80	25.40	17.90
5/2/2015 4:00	2.20	4.00	3.70	4.30	0.30
5/14/2015 8:30	15.60	14.90	10.60	15.40	5.00
5/4/2015 20:00	17.30	14.50	38.90	8.70	8.60
5/6/2015 9:15	22.30	20.10	14.60	20.70	7.70
5/13/2015 4:00	11.00	11.70	27.40	25.60	0.00
5/9/2015 18:30	9.30	12.00	14.40	8.60	3.40
5/15/2015 6:00	22.70	26.20	11.10	12.20	15.10
5/19/2015 11:45	6.90	6.80	14.10	7.70	0.00
5/6/2015 8:45	14.00	22.30	19.80	22.00	2.50
5/9/2015 20:30	22.60	36.20	10.00	13.20	26.20
5/12/2015 0:30	16.30	15.80	13.40	13.20	3.10
5/16/2015 10:30	11.70	13.00	20.20	17.00	0.00
5/9/2015 20:15	25.80	32.90	11.10	13.40	21.80
5/11/2015 7:15	8.50	10.30	34.80	57.50	0.00
5/11/2015 11:15	21.60	11.00	6.60	10.20	15.00
5/17/2015 20:30	27.50	20.80	16.10	15.30	12.20
5/19/2015 19:45	13.70	10.30	15.40	8.40	5.30
5/16/2015 19:15	20.90	16.10	10.30	10.60	10.60
5/16/2015 23:15	9.40	11.90	21.80	16.10	0.00
5/1/2015 22:30	6.20	5.50	2.70	4.90	3.50
5/9/2015 7:30	13.40	12.80	5.50	23.50	7.90
5/10/2015 15:30	35.50	17.30	29.10	14.40	21.10
5/14/2015 23:00	13.20	12.60	16.30	14.10	0.00
5/2/2015 6:15	3.60	4.50	2.10	3.00	2.40
5/8/2015 15:45	9.80	6.40	17.40	9.80	0.00
5/9/2015 7:00	12.60	14.50	8.40	12.70	6.10
5/9/2015 11:00	7.60	7.80	12.90	9.70	0.00
5/15/2015 12:15	17.80	15.90	16.60	8.50	9.30
5/6/2015 20:15	27.50	22.20	43.30	14.10	13.40
5/7/2015 1:45	5.90	16.00	16.40	16.80	0.00
5/11/2015 8:00	23.10	42.60	9.80	9.40	33.20
5/9/2015 8:45	7.70	8.60	15.30	9.70	0.00
5/19/2015 7:45	14.90	10.30	7.60	7.80	7.30
5/12/2015 4:30	9.60	9.60	19.90	16.60	0.00
5/12/2015 23:45	11.30	11.80	23.10	26.00	0.00
5/9/2015 22:30	22.50	12.60	9.30	13.60	13.20
5/12/2015 2:30	16.20	18.40	7.70	9.40	10.70
5/7/2015 22:45	3.90	5.10	30.00	12.30	0.00
5/10/2015 12:45	15.60	10.50	58.20	22.10	0.00
5/11/2015 8:30	8.80	9.40	27.20	40.50	0.00
5/7/2015 3:00	9.40	16.00	40.40	37.10	0.00
5/7/2015 5:30	26.90	20.20	15.90	15.00	11.90
5/12/2015 13:00	19.80	25.80	17.80	17.80	8.00
5/12/2015 17:00	16.90	18.10	13.00	13.80	5.10
5/16/2015 21:00	19.20	12.90	10.10	10.50	9.10
5/2/2015 23:00	10.50	4.60	3.80	6.10	6.70
5/9/2015 9:45	7.30	7.50	8.10	8.30	0.00
5/17/2015 3:30	8.10	8.50	25.90	18.70	0.00
5/9/2015 9:15	8.90	8.00	10.00	8.10	0.80
5/12/2015 3:15	9.60	12.20	8.70	9.00	3.50
5/13/2015 14:45	14.80	15.80	24.00	21.20	0.00
5/3/2015 4:45	6.80	7.90	5.90	6.10	2.00
5/11/2015 6:45	7.70	9.70	26.10	39.10	0.00
5/13/2015 16:45	14.80	16.30	14.10	13.70	2.60
5/4/2015 8:15	21.80	10.40	28.70	41.70	0.00
5/15/2015 5:30	26.50	27.10	11.40	12.90	15.70
5/10/2015 5:45	14.40	8.10	27.00	10.20	4.20
5/14/2015 12:00	12.80	13.20	43.40	25.00	0.00
5/18/2015 18:15	36.00	25.60	10.10	8.70	27.30
5/3/2015 12:15	26.00	15.30	44.70	15.50	10.50
5/6/2015 2:45	14.80	15.90	21.90	42.80	0.00
5/13/2015 6:30	13.60	14.10	13.80	14.20	0.30
5/14/2015 6:15	17.20	14.90	12.50	14.50	4.70
5/17/2015 14:00	19.40	9.20	19.00	7.20	12.20
5/19/2015 1:00	8.50	8.70	15.10	13.60	0.00
5/19/2015 5:00	8.70	8.80	14.40	10.30	0.00
5/3/2015 14:15	13.30	17.20	22.10	21.80	0.00
5/4/2015 21:00	25.90	17.40	32.30	8.80	17.10
5/10/2015 2:15	28.70	12.30	14.00	13.60	15.10
5/11/2015 19:30	15.40	19.40	5.50	9.40	13.90
5/11/2015 23:30	28.70	33.30	11.00	11.80	22.30
5/5/2015 1:30	12.10	17.00	19.20	10.80	6.20
5/12/2015 2:00	16.40	25.10	8.10	9.60	17.00
5/16/2015 9:30	23.40	24.60	13.10	18.30	11.50
5/18/2015 12:45	26.00	14.10	7.20	7.30	18.80
5/4/2015 19:15	10.70	9.20	19.40	13.00	0.00
5/4/2015 23:15	20.10	13.80	24.90	21.10	0.00
5/8/2015 11:30	1.80	6.00	43.90	24.90	0.00
5/10/2015 19:45	11.40	13.70	30.10	10.80	2.90
5/11/2015 16:30	37.10	42.70	10.10	10.80	32.60
5/12/2015 22:00	12.80	14.20	11.60	10.70	3.50
5/17/2015 13:45	20.40	10.00	18.40	5.90	14.50
5/18/2015 4:45	35.70	36.70	19.30	19.40	17.40
5/1/2015 22:15	3.10	5.40	5.10	5.40	0.30
5/5/2015 7:15	10.10	39.00	19.40	18.60	20.40



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/5/2015 11:15	37.70	38.40	13.60	14.00	24.80
5/7/2015 16:45	44.60	15.70	3.30	8.40	41.30
5/17/2015 15:45	19.70	16.80	11.40	9.50	10.20
5/19/2015 8:15	7.70	7.60	13.40	9.20	0.00
5/18/2015 7:30	34.10	25.90	12.90	13.10	21.20
5/3/2015 10:00	10.50	13.60	9.90	11.20	3.70
5/17/2015 8:30	26.60	11.10	11.00	8.00	18.60
5/2/2015 12:30	3.00	4.90	2.40	4.70	2.50
5/4/2015 19:00	25.60	21.40	9.90	9.00	16.60
5/18/2015 13:00	25.10	14.80	8.10	7.60	17.50
5/18/2015 17:00	41.20	73.70	7.30	7.90	66.40
5/2/2015 10:15	3.40	10.30	2.60	5.90	7.70
5/3/2015 4:30	12.30	6.90	5.60	5.70	6.70
5/5/2015 2:45	18.20	7.10	11.10	13.30	7.10
5/6/2015 23:45	15.50	14.10	6.80	11.20	8.70
5/13/2015 15:15	17.50	18.40	13.80	14.60	4.60
5/14/2015 21:45	17.30	20.20	17.80	15.70	4.50
5/18/2015 3:45	30.60	29.70	25.80	24.70	5.90
5/7/2015 19:15	2.90	7.30	53.30	52.50	0.00
5/7/2015 23:15	26.00	8.60	2.30	6.30	23.70
5/11/2015 14:30	10.20	16.10	17.20	18.30	0.00
5/13/2015 13:15	15.20	16.20	14.00	14.80	2.20
5/13/2015 17:15	13.60	14.10	15.40	15.10	0.00
5/15/2015 22:30	18.00	15.30	31.40	22.20	0.00
5/16/2015 4:00	28.50	30.10	16.40	13.80	16.30
5/18/2015 1:45	7.30	7.00	36.10	31.90	0.00
5/8/2015 7:15	64.70	11.90	3.30	6.90	61.40
5/8/2015 11:15	1.90	6.00	42.40	10.80	0.00
5/16/2015 22:15	9.80	10.30	22.70	11.50	0.00
5/12/2015 7:00	11.00	12.00	10.10	9.30	2.70
5/12/2015 11:00	31.00	26.00	10.00	10.70	21.00
5/17/2015 10:15	20.60	14.80	6.20	7.00	14.40
5/10/2015 11:45	17.50	19.50	26.50	20.00	0.00
5/13/2015 15:30	16.10	14.00	13.60	15.10	2.50
5/18/2015 6:00	41.70	33.10	12.80	13.10	28.90
5/4/2015 5:30	10.80	7.00	21.30	23.10	0.00
5/4/2015 14:45	24.00	11.40	17.00	9.40	14.60
5/6/2015 18:15	33.10	29.40	18.60	11.20	21.90
5/10/2015 1:45	14.10	13.60	35.80	15.30	0.00
5/12/2015 14:15	18.30	23.60	14.20	14.10	9.50
5/2/2015 1:00	2.50	4.20	3.40	4.10	0.80
5/2/2015 5:00	3.70	4.70	2.10	3.80	2.60
5/4/2015 13:30	24.60	10.00	16.90	16.20	8.40
5/4/2015 17:30	9.70	9.10	30.50	9.70	0.00
5/5/2015 6:15	21.00	22.90	14.50	10.30	12.60
5/12/2015 12:15	24.40	14.20	10.60	11.40	13.80
5/15/2015 21:15	11.50	11.80	18.10	16.90	0.00
5/19/2015 10:30	13.30	7.90	7.10	7.20	6.20
5/2/2015 6:45	3.20	5.70	2.30	3.70	3.40
5/11/2015 23:00	34.40	32.60	11.50	11.90	22.90
5/18/2015 18:30	33.90	25.50	8.80	8.30	25.60
5/6/2015 0:30	15.10	16.90	16.40	16.60	0.50
5/13/2015 18:45	15.10	14.50	13.80	13.30	1.80
5/8/2015 8:30	38.60	10.90	3.30	9.50	35.30
5/9/2015 15:00	30.10	10.10	19.40	11.70	18.40
5/10/2015 1:00	13.80	12.50	26.60	16.50	0.00
5/10/2015 5:00	33.10	10.50	17.90	10.90	22.20
5/10/2015 22:45	14.50	14.80	26.20	23.20	0.00
5/12/2015 19:00	18.80	22.60	12.50	12.60	10.10
5/17/2015 6:15	30.00	12.80	40.60	8.20	21.80
5/6/2015 13:45	35.30	16.50	25.10	34.80	10.20
5/7/2015 8:15	14.60	15.50	12.90	13.80	2.60
5/9/2015 18:15	12.90	8.90	9.80	12.00	3.10
5/9/2015 13:00	40.90	36.50	17.60	10.50	30.40
5/9/2015 17:00	13.10	10.50	7.90	9.10	5.20
5/12/2015 10:45	10.00	10.70	23.40	25.00	0.00
5/14/2015 8:00	14.90	13.10	11.20	11.80	3.70
5/16/2015 14:45	26.60	20.80	11.50	11.60	15.10
5/6/2015 20:30	20.70	23.60	37.40	11.80	11.80
5/17/2015 2:45	8.50	8.90	27.00	15.80	0.00
5/17/2015 18:00	33.00	23.90	12.70	12.80	20.30
5/6/2015 18:30	39.00	29.40	35.00	11.20	27.80
5/12/2015 9:45	17.60	18.80	9.80	10.50	9.00
5/6/2015 21:30	7.50	10.00	24.50	14.90	0.00
5/10/2015 3:00	31.30	13.80	14.10	13.90	17.40
5/11/2015 1:15	26.20	14.80	12.30	14.90	13.90
5/11/2015 5:15	24.50	23.50	8.80	11.10	15.70
5/12/2015 8:45	23.80	18.70	9.40	9.70	14.40
5/13/2015 20:00	14.10	13.80	12.80	12.00	2.10
5/7/2015 12:45	5.80	10.20	36.30	17.50	0.00
5/8/2015 14:00	4.90	6.10	15.40	7.00	0.00
5/10/2015 6:30	13.20	9.00	30.00	10.40	2.80
5/14/2015 9:00	22.00	15.50	12.90	16.80	9.10
5/2/2015 1:30	2.20	3.70	4.00	4.30	0.00
5/7/2015 5:45	21.20	13.60	42.70	11.40	9.80
5/7/2015 9:30	11.00	12.50	39.70	23.30	0.00
5/9/2015 2:00	20.40	8.00	5.00	19.00	15.40
5/11/2015 12:00	6.20	11.20	13.50	11.60	0.00
5/14/2015 1:30	16.00	10.80	15.10	12.90	3.10



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5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/18/2015 9:15	27.50	21.10	11.30	11.40	16.20
5/19/2015 9:30	12.40	9.30	7.30	7.30	5.10
5/3/2015 14:30	10.20	15.00	14.20	15.50	0.80
5/5/2015 15:45	49.20	42.70	32.70	30.00	19.20
5/8/2015 19:30	19.20	12.10	33.60	20.70	0.00
5/8/2015 23:30	12.40	11.30	8.70	8.70	3.70
5/9/2015 23:45	40.30	30.90	19.00	19.90	21.30
5/13/2015 2:15	11.30	11.60	16.00	18.10	0.00
5/14/2015 3:30	12.10	9.30	30.10	12.50	0.00
5/8/2015 0:45	12.60	10.00	5.10	14.10	7.50
5/8/2015 16:00	16.70	13.70	15.20	11.00	5.70
5/13/2015 21:00	13.00	13.90	20.10	13.10	0.80
5/14/2015 6:45	13.20	11.00	11.10	10.20	3.00
5/3/2015 12:00	26.70	14.60	20.00	9.20	17.50
5/5/2015 13:45	20.10	20.80	23.30	18.10	2.70
5/13/2015 0:15	11.80	11.90	13.40	15.70	0.00
5/15/2015 2:30	8.40	10.00	13.40	27.40	0.00
5/15/2015 4:30	17.90	13.30	10.90	11.80	7.00
5/16/2015 16:00	21.20	18.40	12.80	13.00	8.40
5/8/2015 20:45	4.80	15.10	40.40	12.80	2.30
5/19/2015 4:00	16.90	16.00	8.40	8.90	8.50
5/2/2015 2:45	3.70	4.10	2.40	3.90	1.70
5/5/2015 19:30	16.60	18.80	48.50	43.90	0.00
5/5/2015 23:30	17.00	17.60	18.60	17.90	0.00
5/15/2015 7:30	19.20	23.10	12.00	12.70	11.10
5/16/2015 15:30	10.90	11.40	29.90	22.00	0.00
5/10/2015 7:45	62.40	10.10	14.80	12.80	49.60
5/15/2015 7:00	12.00	12.70	23.80	26.20	0.00
5/15/2015 11:00	10.30	8.70	23.60	20.60	0.00
5/1/2015 23:15	3.60	4.50	2.80	4.20	1.70
5/13/2015 19:45	14.60	13.50	13.10	12.60	2.00
5/13/2015 22:15	10.00	8.80	13.50	13.80	0.00
5/14/2015 16:30	14.20	9.90	23.00	12.20	2.00
5/15/2015 20:15	11.40	11.50	22.30	17.80	0.00
5/10/2015 19:15	12.60	11.70	19.80	12.50	0.10
5/10/2015 23:15	19.70	16.40	15.50	13.10	6.60
5/14/2015 14:30	17.40	10.80	24.00	24.90	0.00
5/17/2015 15:00	19.10	9.50	27.80	10.00	0.00
5/18/2015 22:30	18.10	16.30	8.40	8.80	9.70
5/6/2015 4:30	31.20	35.30	24.50	44.00	10.80
5/4/2015 19:45	51.10	9.40	17.60	16.80	34.30
5/4/2015 22:15	14.50	12.60	15.80	12.60	1.90
5/8/2015 4:15	15.90	11.50	33.70	13.10	2.80
5/8/2015 10:15	51.30	13.40	3.90	5.20	47.40
5/10/2015 10:30	20.90	19.10	14.60	10.40	10.50
5/14/2015 18:00	28.50	26.90	16.70	14.90	13.60
5/15/2015 0:00	16.60	14.50	8.50	9.70	8.10
5/5/2015 8:00	16.80	15.80	57.80	56.80	0.00
5/6/2015 17:45	27.10	27.10	30.20	12.90	14.20
5/9/2015 14:15	13.40	5.90	31.40	15.60	0.00
5/4/2015 2:15	11.60	11.80	9.50	9.50	2.30
5/10/2015 18:45	30.20	14.60	12.70	13.10	17.50
5/16/2015 13:15	15.90	15.80	33.00	36.70	0.00
5/16/2015 17:15	12.40	11.20	21.80	17.20	0.00
5/8/2015 23:00	3.60	12.20	13.40	9.40	2.80
5/16/2015 4:15	33.10	32.30	18.20	20.10	14.90
5/14/2015 15:45	20.60	14.20	12.70	13.40	7.90
5/6/2015 15:00	31.20	32.70	44.80	13.80	18.90
5/14/2015 13:45	16.80	13.00	29.70	34.60	0.00
5/15/2015 22:00	16.00	16.50	28.50	26.60	0.00
5/17/2015 7:15	9.00	7.10	29.90	14.90	0.00
5/17/2015 11:15	23.10	13.50	19.90	6.80	16.30
5/3/2015 0:30	9.60	5.40	4.80	4.30	5.30
5/6/2015 13:00	30.50	21.80	21.30	36.60	9.20
5/6/2015 17:00	20.30	14.40	21.10	27.00	0.00
5/4/2015 0:15	8.80	12.20	12.40	10.20	2.00
5/13/2015 11:45	18.40	17.60	16.40	17.80	2.00
5/15/2015 18:30	20.40	17.20	24.50	24.40	0.00
5/18/2015 21:15	16.00	12.90	9.70	9.90	6.30
5/2/2015 1:15	2.20	3.90	4.00	4.40	0.00
5/2/2015 5:15	2.10	3.80	3.60	4.30	0.20
5/3/2015 9:15	12.90	16.10	10.20	9.90	6.20
5/19/2015 14:45	14.00	7.00	6.50	6.30	7.70
5/1/2015 22:45	2.70	4.70	3.60	4.70	1.10
5/10/2015 20:00	16.00	11.10	11.60	13.60	4.40
5/4/2015 5:45	10.00	6.60	28.80	13.00	0.00
5/4/2015 15:30	12.50	7.90	34.60	10.40	2.10
5/9/2015 3:45	49.50	8.30	9.30	17.20	40.20
5/16/2015 2:15	35.30	40.00	14.20	12.80	27.20
5/19/2015 15:15	13.70	6.50	11.20	10.70	3.00
5/10/2015 8:15	15.30	11.10	68.00	13.50	1.80
5/16/2015 0:15	35.40	45.20	23.20	14.90	30.30
5/18/2015 2:00	33.20	26.30	6.60	6.80	26.60
5/3/2015 22:00	12.20	9.90	9.80	9.80	2.40
5/6/2015 14:15	60.70	14.80	27.00	37.60	0.00
5/9/2015 17:45	15.60	9.80	11.00	11.80	4.60
5/13/2015 1:00	11.80	12.10	13.60	14.60	0.00
5/13/2015 5:00	13.90	14.40	14.40	15.90	0.00
5/13/2015 22:45	14.20	14.20	11.60	7.90	6.30



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/17/2015 9:00	18.10	7.00	19.50	12.60	5.50
5/19/2015 6:30	15.10	11.70	8.20	8.30	6.90
5/19/2015 12:30	14.00	7.30	6.70	6.70	7.30
5/3/2015 10:45	11.30	16.80	15.60	15.00	1.80
5/3/2015 21:30	10.10	10.40	10.50	10.00	0.40
5/12/2015 0:00	18.80	23.80	17.60	14.90	8.90
5/13/2015 3:00	17.30	16.80	11.00	11.70	6.30
5/14/2015 1:15	14.20	12.00	13.90	12.30	1.90
5/14/2015 5:15	15.30	12.90	15.80	15.00	0.30
5/3/2015 8:45	7.10	19.70	8.40	13.20	11.30
5/3/2015 9:45	7.00	10.70	9.60	9.30	1.40
5/3/2015 20:30	9.90	7.40	11.00	8.00	1.90
5/12/2015 18:15	16.60	18.50	13.20	13.60	5.30
5/15/2015 10:45	23.20	23.20	16.60	9.50	13.70
5/17/2015 8:00	21.60	14.00	9.60	6.90	14.70
5/3/2015 20:15	9.00	7.90	14.80	12.70	0.00
5/12/2015 10:00	19.10	21.50	10.20	10.50	11.30
5/13/2015 7:45	12.80	17.50	15.60	16.60	1.90
5/15/2015 8:45	15.50	14.40	11.20	10.80	4.70
5/17/2015 17:45	31.70	24.50	12.90	12.60	19.10
5/11/2015 3:30	28.10	15.00	8.80	11.90	19.30
5/15/2015 9:45	10.80	10.30	25.30	22.00	0.00
5/19/2015 16:00	15.40	7.40	11.80	10.50	4.90
5/10/2015 9:30	14.80	9.80	65.50	19.10	0.00
5/11/2015 1:30	17.10	19.10	30.80	14.40	4.70
5/11/2015 20:45	14.90	15.70	6.70	9.50	9.00
5/15/2015 9:15	9.90	10.20	24.00	22.00	0.00
5/2/2015 10:30	2.70	4.80	3.10	6.10	1.70
5/2/2015 16:30	3.80	8.20	4.60	18.90	3.60
5/5/2015 11:30	29.30	35.00	45.00	38.20	0.00
5/7/2015 6:30	11.90	23.80	9.20	16.50	14.60
5/8/2015 6:15	2.00	7.20	46.10	13.60	0.00
5/11/2015 14:00	22.50	22.60	20.30	21.90	2.30
5/15/2015 19:00	24.40	19.00	21.30	15.70	8.70
5/10/2015 21:00	12.10	13.60	42.80	8.40	5.20
5/11/2015 0:45	37.80	13.00	19.20	13.90	23.90
5/2/2015 15:45	13.30	20.50	2.80	11.80	17.70
5/2/2015 13:45	2.30	13.40	2.70	9.20	10.70
5/11/2015 12:30	27.90	11.40	6.10	11.20	21.80
5/18/2015 2:30	30.20	37.10	11.40	9.50	27.60
5/8/2015 9:00	57.10	10.00	1.90	8.00	55.20
5/10/2015 22:15	25.00	9.90	11.40	11.80	13.60
5/14/2015 7:15	16.10	16.80	12.90	13.90	3.90
5/14/2015 11:15	21.00	25.70	16.30	17.40	9.40
5/4/2015 4:15	9.30	10.00	21.40	22.10	0.00
5/7/2015 7:45	17.30	17.00	10.30	15.40	7.00
5/8/2015 1:30	22.30	9.80	3.90	8.00	18.40
5/11/2015 10:15	28.10	29.20	7.30	9.50	21.90
5/18/2015 7:00	33.40	24.10	13.90	13.60	19.80
5/18/2015 11:00	27.80	12.80	8.20	8.50	19.60
5/8/2015 21:45	26.40	11.40	23.80	12.90	13.50
5/12/2015 18:30	16.90	18.50	12.70	13.30	5.80
5/7/2015 13:15	5.40	10.80	37.40	40.40	0.00
5/7/2015 17:15	36.70	14.70	7.60	9.50	29.10
5/12/2015 21:30	10.60	10.70	13.40	14.60	0.00
5/13/2015 19:15	13.50	12.90	15.10	14.20	0.00
5/13/2015 23:15	14.80	8.70	13.50	13.80	1.30
5/4/2015 13:15	24.70	12.80	11.60	12.60	13.10
5/4/2015 17:15	8.90	9.30	29.90	7.50	1.80
5/15/2015 13:30	19.40	21.80	12.80	10.70	11.10
5/15/2015 17:30	26.60	27.50	24.90	21.90	5.60
5/18/2015 10:45	28.80	16.70	13.30	14.00	15.50
5/4/2015 15:15	8.10	8.20	32.60	15.20	0.00
5/11/2015 18:00	17.60	17.90	7.50	14.40	10.40
5/13/2015 10:30	16.50	16.00	13.90	14.70	2.60
5/18/2015 0:00	30.00	27.10	12.20	11.50	18.50
5/2/2015 19:30	4.10	7.90	3.90	3.80	4.10
5/2/2015 23:30	9.00	6.20	5.30	4.70	4.30
5/2/2015 16:00	5.00	10.30	5.40	13.40	4.90
5/14/2015 2:45	12.90	10.90	15.60	22.20	0.00
5/3/2015 15:00	12.10	13.30	17.10	12.40	0.90
5/12/2015 4:45	25.40	13.20	10.10	10.10	15.30
5/12/2015 20:15	15.40	17.40	11.10	11.60	6.30
5/16/2015 19:45	21.00	16.30	10.30	10.40	0.00
5/18/2015 22:00	20.50	19.80	9.00	9.10	11.50
5/11/2015 15:45	17.20	18.80	12.40	11.70	7.10
5/13/2015 8:15	13.80	15.90	16.50	15.50	0.40
5/2/2015 0:45	2.50	4.30	3.10	4.70	1.20
5/4/2015 7:45	14.10	29.90	9.80	6.10	23.80
5/12/2015 3:45	13.30	12.90	8.40	9.00	4.90
5/4/2015 3:00	9.50	6.20	21.70	10.60	0.00
5/6/2015 3:15	14.70	15.80	20.30	40.80	0.00
5/7/2015 18:45	4.00	7.60	29.30	15.00	0.00
5/17/2015 14:30	21.40	8.50	23.60	12.60	8.80
5/2/2015 20:45	10.30	5.10	3.60	5.60	6.70
5/5/2015 4:00	17.90	17.50	17.80	9.10	8.80
5/9/2015 0:30	9.10	7.70	20.10	18.80	0.00
5/18/2015 12:15	22.60	15.00	8.40	8.10	14.50
5/7/2015 15:30	47.40	29.30	4.00	8.40	43.40



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5-2-15 to 8-17-15
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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/12/2015 7:30	17.50	23.80	8.40	8.60	15.40
5/16/2015 11:45	23.20	20.90	12.60	12.40	10.80
5/19/2015 4:15	16.80	15.00	8.50	8.80	8.30
5/7/2015 13:30	5.50	11.00	33.80	18.30	0.00
5/7/2015 17:30	7.70	8.20	24.60	12.20	0.00
5/14/2015 14:00	13.50	11.80	30.20	33.20	0.00
5/16/2015 6:30	42.60	48.60	13.20	17.00	35.40
5/6/2015 7:00	17.00	34.70	24.70	17.60	17.10
5/6/2015 11:00	28.20	26.00	13.70	28.50	14.50
5/9/2015 3:15	34.10	9.80	10.30	21.00	23.80
5/12/2015 9:15	10.00	10.30	13.70	13.80	0.00
5/13/2015 5:45	17.30	17.50	13.90	14.80	3.60
5/13/2015 9:30	17.30	16.70	14.30	15.20	3.00
5/15/2015 2:00	8.80	9.20	13.10	13.00	0.00
5/17/2015 12:00	19.30	9.80	25.40	8.70	10.60
5/5/2015 23:00	18.00	19.00	21.30	20.20	0.00
5/3/2015 23:45	10.60	11.10	14.90	10.10	1.00
5/7/2015 16:15	3.30	7.50	32.00	13.50	0.00
5/7/2015 20:00	5.90	8.90	13.50	18.20	0.00
5/5/2015 1:15	11.20	18.90	18.90	13.60	5.30
5/5/2015 5:15	20.80	31.50	33.70	17.90	13.60
5/8/2015 8:00	60.90	8.40	1.90	8.40	59.00
5/12/2015 22:30	14.00	13.00	12.80	11.80	2.20
5/19/2015 0:15	18.70	17.20	8.40	8.70	10.30
5/3/2015 18:15	6.70	6.60	41.30	27.30	0.00
5/16/2015 15:15	29.00	21.70	11.30	11.50	17.70
5/4/2015 22:45	18.00	10.40	29.70	28.10	0.00
5/16/2015 7:45	30.00	32.80	12.80	14.50	20.00
5/2/2015 11:30	2.60	4.60	2.60	5.90	0.00
5/3/2015 18:00	11.50	12.20	23.40	22.80	0.00
5/5/2015 16:30	25.60	25.20	28.50	20.40	5.20
5/6/2015 22:00	5.30	11.80	17.30	13.70	0.00
5/11/2015 6:15	25.40	44.80	8.10	12.60	36.70
5/14/2015 11:30	14.10	15.60	20.00	24.30	0.00
5/15/2015 16:15	33.20	40.00	13.20	13.50	26.80
5/16/2015 1:00	38.60	53.40	17.80	12.20	41.20
5/16/2015 5:00	32.10	31.00	15.70	17.10	16.40
5/16/2015 22:45	24.80	17.40	9.90	11.70	14.90
5/18/2015 19:00	32.00	57.80	10.60	10.00	47.80
5/14/2015 20:45	12.40	13.70	24.10	14.00	0.00
5/15/2015 18:15	24.20	22.90	19.50	18.40	5.80
5/9/2015 4:30	46.20	8.00	28.30	16.60	29.60
5/18/2015 5:30	39.40	20.70	16.30	15.30	24.10
5/18/2015 9:45	32.60	29.60	10.30	10.00	22.60
5/2/2015 7:15	2.20	3.30	3.90	5.40	0.00
5/2/2015 11:15	2.70	7.10	2.60	4.50	4.50
5/4/2015 6:00	10.30	6.80	30.20	31.70	0.00
5/17/2015 1:15	30.90	20.50	8.80	9.20	22.10
5/17/2015 5:15	8.40	8.00	45.20	20.70	0.00
5/10/2015 14:45	33.50	23.70	13.80	16.90	19.70
5/4/2015 11:45	31.60	7.20	13.00	9.60	22.00
5/8/2015 12:30	3.40	7.30	22.50	8.00	0.00
5/7/2015 2:15	22.90	16.50	9.40	14.40	13.50
5/14/2015 19:30	23.80	12.90	19.20	17.90	5.90
5/14/2015 23:30	15.00	14.90	10.50	9.70	5.30
5/15/2015 23:45	46.40	25.00	18.20	15.00	31.40
5/7/2015 21:00	4.60	12.30	8.70	9.80	3.60
5/8/2015 6:45	2.30	12.10	39.50	12.20	0.00
5/9/2015 10:00	7.10	8.10	8.70	8.40	0.00
5/14/2015 0:45	14.10	14.10	13.10	11.80	2.30
5/2/2015 19:45	4.00	8.90	4.40	4.00	0.00
5/4/2015 2:00	9.50	10.70	11.00	9.90	0.80
5/6/2015 12:00	33.40	29.10	18.20	27.70	15.20
5/8/2015 7:45	43.50	11.40	2.20	8.20	41.30
5/9/2015 2:45	15.40	8.30	25.10	17.00	0.00
5/19/2015 1:45	8.40	8.60	15.80	14.00	0.00
5/3/2015 19:30	13.80	14.30	16.50	15.60	0.00
5/3/2015 23:30	10.80	7.70	9.50	10.40	1.30
5/13/2015 18:30	14.40	13.80	14.40	14.10	0.30
5/16/2015 18:45	10.40	10.20	21.40	18.10	0.00
5/5/2015 4:15	17.50	25.40	17.30	13.60	11.80
5/9/2015 1:30	17.40	21.90	19.30	7.90	14.00
5/5/2015 6:30	12.90	9.90	20.50	24.20	0.00
5/14/2015 4:15	23.90	19.40	14.70	14.20	9.70
5/19/2015 20:00	14.70	8.50	13.90	9.90	4.80
5/6/2015 0:45	32.10	16.80	18.80	20.50	13.30
5/8/2015 10:30	3.50	5.50	49.00	12.90	0.00
5/12/2015 18:00	23.80	27.10	13.40	13.90	13.70
5/17/2015 4:00	28.90	21.60	7.70	9.10	21.20
5/5/2015 15:15	35.20	28.60	24.20	21.70	13.50
5/8/2015 19:15	18.90	13.80	26.50	25.30	0.00
5/8/2015 23:15	8.20	9.50	3.70	14.90	0.00
5/12/2015 14:30	22.90	23.40	13.80	14.00	0.00
5/16/2015 22:30	10.10	10.90	24.00	12.20	0.00
5/4/2015 4:30	8.90	9.50	14.20	14.40	0.00
5/11/2015 19:45	16.90	19.20	6.00	10.30	13.20
5/11/2015 22:15	15.00	18.00	12.10	13.70	5.90
5/14/2015 15:15	12.00	13.60	15.40	14.80	0.00
5/19/2015 4:45	13.50	10.40	8.70	8.90	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
5/5/2015 14:45	24.50	20.50	20.10	20.40	4.40
5/5/2015 20:45	18.80	19.60	23.90	21.10	0.00
5/12/2015 15:45	12.90	13.40	13.40	15.30	0.00
5/4/2015 15:00	28.30	16.00	9.80	7.50	20.80
5/12/2015 13:45	21.00	21.60	16.20	15.10	6.50
5/7/2015 12:15	6.70	10.80	36.90	18.30	0.00
5/8/2015 18:45	13.30	12.00	33.00	20.40	0.00
5/13/2015 7:00	13.70	14.00	16.20	17.70	0.00
5/13/2015 11:00	15.00	14.80	14.60	15.70	0.40
5/19/2015 12:15	6.70	6.80	11.80	7.40	0.00
5/3/2015 8:00	8.70	9.20	7.40	20.00	1.80
5/7/2015 14:15	31.70	21.00	7.10	10.60	24.60
5/16/2015 21:15	17.20	9.40	9.90	10.30	7.30
5/10/2015 13:30	37.90	44.50	10.80	14.40	33.70
5/10/2015 17:30	11.70	12.50	17.60	17.40	0.00
5/11/2015 11:45	6.50	18.10	24.70	11.80	6.30
5/13/2015 7:30	14.20	15.00	10.90	11.10	4.10
5/19/2015 6:00	15.60	12.90	8.40	8.50	7.20
5/4/2015 13:00	12.70	7.70	19.10	15.20	0.00
5/4/2015 17:00	6.80	9.20	27.80	21.30	0.00
5/5/2015 0:45	11.80	14.70	20.70	16.50	0.00
5/2/2015 0:15	2.60	4.20	3.60	4.50	0.60
5/3/2015 8:30	13.90	13.10	7.50	12.80	6.40
5/7/2015 4:45	27.90	16.80	9.50	13.70	18.40
5/15/2015 11:15	22.20	9.70	22.40	20.80	1.40
5/1/2015 21:30	5.10	5.60	-4.60	5.00	10.20
5/8/2015 8:15	43.70	11.30	5.60	9.70	38.10
5/10/2015 18:15	18.70	16.80	12.70	12.40	6.30
5/16/2015 2:00	41.00	44.80	14.00	12.70	32.10
5/18/2015 12:00	26.90	15.20	9.80	9.90	17.10
5/3/2015 17:45	19.10	23.10	23.00	30.50	0.10
5/7/2015 3:45	58.80	24.20	9.00	13.20	49.80
5/10/2015 16:15	30.60	19.70	24.60	15.00	15.60
5/18/2015 10:00	37.50	27.90	9.30	9.30	28.20
5/8/2015 20:00	23.20	14.10	4.00	10.60	19.20
5/10/2015 0:00	19.70	8.40	20.20	21.00	0.00
5/13/2015 9:15	18.70	18.20	13.40	14.40	5.30
5/1/2015 22:00	2.60	4.20	6.20	5.50	0.00
5/6/2015 23:00	10.00	11.50	45.50	11.40	0.10
5/13/2015 19:00	15.10	14.00	14.10	12.70	2.40
5/17/2015 12:30	21.10	15.10	9.70	24.40	11.40
5/12/2015 15:00	30.40	35.20	14.40	14.40	20.80
5/13/2015 9:45	16.60	15.50	14.70	16.10	1.90
5/17/2015 15:15	18.50	9.10	13.80	11.20	7.30
5/1/2015 20:30	-4.60	5.10	5.00	6.00	0.10
5/12/2015 1:15	21.00	24.60	10.80	10.20	14.40
5/12/2015 5:15	35.80	41.50	11.30	9.90	31.60
5/13/2015 22:30	11.70	8.10	13.10	13.60	0.00
5/11/2015 1:00	17.90	15.00	27.80	13.80	4.10
5/11/2015 5:00	9.30	12.40	23.30	16.30	0.00
5/11/2015 22:45	14.40	12.10	25.50	39.30	0.00
5/13/2015 10:45	14.10	15.90	19.90	18.20	0.00
5/15/2015 9:00	10.30	10.30	21.80	19.30	0.00
5/17/2015 1:30	33.50	31.50	8.60	9.30	24.90
5/17/2015 14:45	15.00	8.50	25.50	11.80	3.20
5/17/2015 20:45	14.20	17.50	28.00	14.70	2.80
5/8/2015 9:30	57.00	16.60	3.20	6.50	53.80
5/9/2015 0:45	17.40	7.30	11.00	26.40	6.40
5/16/2015 20:00	20.90	13.90	10.40	9.90	11.00
5/9/2015 14:00	18.70	11.70	32.20	19.60	0.00
5/3/2015 7:15	10.60	15.70	16.40	13.20	2.50
5/3/2015 11:15	9.40	12.20	25.70	13.50	0.00
5/4/2015 18:45	28.70	21.20	7.90	9.10	20.80
5/14/2015 0:15	13.70	13.10	13.90	12.00	1.70
5/15/2015 17:45	27.70	25.50	22.50	19.60	8.10
5/16/2015 2:30	13.10	12.10	35.00	28.10	0.00
5/9/2015 3:30	45.30	8.40	7.80	17.30	37.50
5/17/2015 0:45	22.90	10.90	11.40	13.80	11.50
5/17/2015 16:00	11.20	9.90	29.40	26.10	0.00
5/19/2015 3:00	8.10	8.50	18.90	17.40	0.00
5/19/2015 5:30	16.90	13.60	8.60	8.70	8.30
5/8/2015 21:00	4.30	15.90	14.40	14.00	1.90
5/3/2015 9:00	11.60	15.90	9.90	11.40	6.00
5/3/2015 11:30	21.70	21.60	21.90	13.10	8.60
5/9/2015 18:00	10.80	11.90	14.90	10.30	1.60
5/11/2015 10:30	21.10	22.50	7.50	9.40	15.00
5/18/2015 20:15	23.90	18.30	10.80	10.90	13.10
5/6/2015 6:15	16.40	16.60	26.60	29.00	0.00
5/2/2015 15:15	24.30	9.60	3.00	20.10	21.30
5/6/2015 12:30	38.80	23.50	20.70	30.70	18.10
5/11/2015 23:15	35.60	38.30	10.90	11.20	27.40
5/2/2015 7:45	2.10	4.40	3.90	6.10	0.50
5/4/2015 21:15	17.40	8.50	19.20	20.90	0.00
5/9/2015 10:15	7.00	7.90	9.10	8.80	0.00
5/12/2015 2:45	24.30	12.80	7.50	9.10	16.80
5/18/2015 15:00	27.00	13.30	8.50	8.00	19.00
5/2/2015 6:30	2.10	3.10	3.80	3.90	0.00
5/8/2015 22:15	10.00	10.30	20.80	10.80	0.00
5/14/2015 19:45	28.20	13.00	18.80	16.80	11.40



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/15/2015 0:30	9.50	10.00	19.40	13.10	0.00
5/2/2015 4:15	2.00	4.10	3.20	4.40	0.90
5/16/2015 0:00	41.10	56.40	16.10	14.00	42.40
5/10/2015 6:00	14.80	8.50	26.20	10.30	4.50
5/7/2015 21:15	2.80	11.50	34.90	15.00	0.00
5/6/2015 8:00	19.00	34.00	13.90	26.00	20.10
5/17/2015 4:15	7.70	8.40	40.30	35.70	0.00
5/4/2015 16:45	9.20	9.60	23.90	37.70	0.00
5/5/2015 20:00	25.00	24.80	17.50	17.20	7.80
5/15/2015 14:30	18.60	22.10	11.80	9.90	12.20
5/10/2015 18:30	24.60	14.70	12.50	13.20	12.10
5/13/2015 13:30	13.50	14.00	14.90	16.00	0.00
5/13/2015 17:30	14.10	14.20	15.10	15.90	0.00
5/2/2015 3:00	4.00	4.40	2.40	4.10	0.00
5/9/2015 15:45	9.00	9.00	18.00	12.50	0.00
5/5/2015 0:15	23.30	11.80	12.50	17.50	10.80
5/10/2015 4:45	27.60	9.80	20.40	11.70	15.90
5/10/2015 20:15	11.40	13.50	23.00	14.20	0.00
5/12/2015 7:15	13.00	13.80	9.50	9.00	4.80
5/12/2015 11:15	10.20	10.90	17.10	14.00	0.00
5/18/2015 20:30	10.90	11.10	19.90	16.40	0.00
5/16/2015 12:15	21.50	15.10	13.60	12.60	8.90
5/9/2015 13:45	31.50	19.00	20.50	13.20	18.30
5/10/2015 7:30	82.80	11.20	20.50	9.20	73.60
5/14/2015 11:45	28.50	15.40	22.50	26.00	6.00
5/18/2015 21:30	34.00	38.80	9.60	9.50	29.30
5/19/2015 19:15	14.70	9.00	8.40	6.60	8.10
5/6/2015 15:45	28.00	17.00	19.40	27.90	8.60
5/17/2015 0:15	25.00	16.40	13.10	19.10	11.90
5/3/2015 23:00	9.50	10.70	9.00	8.50	2.20
5/5/2015 15:30	27.40	25.30	28.50	31.70	0.00
5/4/2015 7:00	8.10	6.00	35.40	37.10	0.00
5/4/2015 11:00	36.30	7.90	18.30	9.00	27.30
5/7/2015 0:00	13.90	12.10	6.40	13.60	7.50
5/10/2015 22:30	34.30	17.80	15.10	13.10	21.20
5/10/2015 3:45	20.70	10.40	18.20	22.20	2.50
5/15/2015 10:00	25.00	24.60	10.40	9.80	15.20
5/4/2015 10:45	23.20	8.30	33.10	7.00	16.20
5/7/2015 3:15	40.10	15.50	15.10	40.30	25.00
5/11/2015 4:00	22.80	28.30	9.80	20.40	18.50
5/11/2015 8:15	9.40	9.00	27.90	42.00	0.00
5/13/2015 18:15	13.90	13.80	14.00	13.40	0.50
5/15/2015 12:00	20.60	8.50	18.90	16.80	3.80
5/4/2015 22:00	12.30	13.10	19.10	16.80	0.00
5/12/2015 8:30	15.90	17.50	9.10	9.40	8.40
5/14/2015 1:00	12.20	10.80	9.60	6.80	5.40
5/14/2015 5:00	18.20	10.20	16.50	18.00	1.70
5/4/2015 9:45	13.70	6.00	25.10	11.50	2.20
5/10/2015 9:15	12.60	7.90	72.50	19.50	0.00
5/13/2015 13:00	13.50	15.20	15.30	16.50	0.00
5/13/2015 17:00	13.30	13.70	15.30	15.90	0.00
5/3/2015 1:15	8.80	3.80	9.30	5.50	3.30
5/3/2015 5:15	11.20	5.00	7.10	7.40	4.10
5/13/2015 16:15	18.60	17.40	18.00	14.60	4.00
5/16/2015 16:45	21.20	16.30	11.20	9.80	11.40
5/18/2015 3:30	36.30	29.50	6.50	6.50	29.80
5/6/2015 10:15	17.70	21.10	19.90	21.20	0.00
5/7/2015 2:30	16.70	18.00	8.20	14.20	9.80
5/14/2015 7:45	14.90	14.80	12.00	12.60	2.90
5/18/2015 17:45	18.60	14.40	11.10	10.30	8.30
5/19/2015 2:30	18.10	18.10	8.40	8.60	9.70
5/19/2015 12:45	13.00	7.40	6.50	6.70	6.50
5/7/2015 4:30	26.30	13.70	76.00	27.10	0.00
5/15/2015 3:15	9.70	10.00	16.20	11.60	0.00
5/16/2015 10:45	11.80	13.30	20.70	15.70	0.00
5/19/2015 5:45	8.50	8.60	15.30	13.20	0.00
5/2/2015 11:45	2.60	8.50	2.70	4.80	5.80
5/15/2015 1:15	7.70	9.80	16.70	14.70	0.00
5/15/2015 5:15	24.80	27.60	13.10	14.90	14.50
5/3/2015 16:30	7.00	7.90	15.20	13.40	0.00
5/16/2015 5:30	32.50	32.80	15.00	16.10	17.80
5/16/2015 9:45	29.00	20.60	12.00	15.80	17.00
5/11/2015 9:30	8.00	11.10	26.50	35.60	0.00
5/13/2015 2:00	12.10	11.80	13.10	13.60	0.00
5/4/2015 12:15	24.50	12.50	13.90	19.40	10.60
5/6/2015 9:00	21.10	20.50	17.60	23.60	3.50
5/12/2015 14:00	15.70	14.80	22.80	21.40	0.00
5/14/2015 6:30	12.90	12.50	10.00	10.20	2.90
5/14/2015 12:30	15.60	12.90	38.00	24.90	0.00
5/16/2015 19:00	21.50	15.90	10.60	10.40	11.10
5/5/2015 21:00	18.80	19.00	21.20	19.10	0.00
5/6/2015 1:30	17.00	16.90	42.30	42.60	0.00
5/7/2015 10:00	6.60	8.50	32.90	22.20	0.00
5/6/2015 3:30	14.20	16.30	40.30	16.50	0.00
5/9/2015 6:15	11.00	15.60	15.70	12.10	3.50
5/2/2015 9:30	3.60	7.40	2.60	3.30	4.80
5/3/2015 16:00	7.70	8.00	10.60	11.40	0.00
5/6/2015 6:45	19.90	28.60	15.80	27.60	12.80
5/8/2015 16:45	12.00	17.90	9.20	10.30	8.70



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/12/2015 10:15	18.40	22.20	10.30	10.60	11.90
5/3/2015 10:15	6.80	16.80	11.70	13.50	5.10
5/8/2015 14:45	5.60	10.30	16.90	18.80	0.00
5/9/2015 21:45	18.90	15.30	11.30	13.30	7.60
5/18/2015 13:45	26.60	12.80	7.60	7.60	19.00
5/3/2015 12:30	23.50	13.20	27.70	16.20	7.30
5/4/2015 10:00	19.40	6.90	24.20	24.30	0.00
5/8/2015 13:15	9.50	8.60	4.60	14.00	4.90
5/8/2015 17:15	5.70	9.20	16.90	13.10	0.00
5/19/2015 0:00	17.50	16.60	8.60	8.60	8.90
5/8/2015 15:15	20.90	13.60	11.20	6.30	14.60
5/9/2015 9:00	7.90	7.20	10.50	8.30	0.00
5/9/2015 11:30	7.70	8.00	9.10	10.10	0.00
5/19/2015 10:45	11.80	8.10	7.00	7.20	4.80
5/10/2015 21:15	11.60	14.80	29.00	8.10	6.70
5/14/2015 10:30	13.20	13.60	28.70	31.40	0.00
5/1/2015 21:15	5.50	5.60	-4.60	4.80	10.20
5/13/2015 6:00	13.40	13.60	17.70	19.10	0.00
5/16/2015 13:30	28.30	28.00	13.90	14.00	14.40
5/16/2015 17:30	20.00	17.60	12.00	12.10	8.00
5/3/2015 14:00	17.70	15.40	15.50	18.20	2.20
5/7/2015 22:00	38.00	12.70	2.80	7.40	35.20
5/18/2015 0:30	33.20	30.50	10.50	10.30	22.90
5/5/2015 3:00	17.10	16.80	13.80	24.20	3.30
5/7/2015 21:30	4.50	9.40	33.50	14.70	0.00
5/13/2015 1:45	12.50	12.00	12.10	13.70	0.40
5/14/2015 8:15	17.70	13.60	11.80	15.90	5.90
5/15/2015 2:45	8.60	9.90	17.60	30.30	0.00
5/7/2015 18:30	4.20	7.10	40.70	13.20	0.00
5/13/2015 3:45	11.30	11.70	21.70	24.30	0.00
5/5/2015 6:45	23.60	22.90	15.80	10.30	13.30
5/17/2015 21:45	31.20	33.70	13.60	12.60	21.10
5/18/2015 14:30	23.00	17.30	8.40	8.40	14.60
5/5/2015 1:00	11.40	17.50	19.70	17.40	0.10
5/5/2015 5:00	27.20	14.00	21.70	26.50	10.00
5/9/2015 7:15	15.70	13.70	5.40	20.60	0.30
5/9/2015 11:15	8.60	7.90	9.60	10.10	0.00
5/13/2015 4:45	18.70	20.50	11.90	12.80	8.60
5/17/2015 19:45	27.20	21.00	13.50	17.70	13.70
5/7/2015 7:30	24.50	14.60	15.00	15.30	9.50
5/15/2015 21:30	12.60	12.90	17.60	14.40	0.00
5/17/2015 11:45	21.20	17.80	15.30	6.80	14.40
5/2/2015 20:00	11.70	4.50	3.70	7.80	8.00
5/4/2015 0:00	9.30	10.30	13.60	10.60	0.00
5/7/2015 7:00	23.40	24.90	13.00	10.90	14.00
5/7/2015 11:00	4.90	8.90	22.10	19.20	0.00
5/13/2015 12:15	16.60	16.70	16.50	16.40	0.30
5/7/2015 20:15	5.80	9.90	6.50	12.10	3.40
5/8/2015 15:30	6.70	8.30	19.30	13.90	0.00
5/15/2015 20:30	11.00	11.30	19.90	16.50	0.00
5/7/2015 0:30	46.80	15.80	8.10	16.90	38.70
5/8/2015 4:00	14.90	11.20	26.00	16.00	0.00
5/14/2015 9:30	16.70	13.20	11.00	15.80	5.70
5/17/2015 6:45	23.80	10.50	15.40	7.30	16.50
5/19/2015 16:45	15.30	9.20	9.10	9.10	6.20
5/7/2015 22:30	11.70	12.60	3.30	5.50	9.30
5/10/2015 13:00	14.00	10.50	63.10	11.50	2.50
5/10/2015 17:00	33.60	16.50	21.50	18.70	14.90
5/17/2015 19:30	27.80	25.60	14.20	17.50	13.60
5/17/2015 23:30	29.60	25.60	12.60	12.70	17.00
5/2/2015 8:15	2.10	6.30	3.80	10.00	2.50
5/4/2015 12:45	26.10	7.70	24.00	16.30	9.80
5/7/2015 10:45	5.10	8.70	23.60	16.50	0.00
5/9/2015 8:30	9.90	9.40	16.80	9.40	0.50
5/19/2015 13:15	14.00	7.00	6.30	6.20	7.80
5/19/2015 17:15	7.90	7.30	14.30	7.90	0.00
5/4/2015 16:15	10.10	9.60	36.80	10.20	0.00
5/7/2015 8:45	28.10	26.20	20.70	12.50	15.60
5/10/2015 2:30	37.50	10.80	14.10	13.90	23.60
5/17/2015 11:30	25.90	15.40	7.70	6.70	19.20
5/18/2015 2:45	10.90	11.00	44.30	36.20	0.00
5/18/2015 18:00	26.80	22.90	9.70	8.10	18.70
5/6/2015 7:15	18.80	38.10	17.90	26.10	20.20
5/6/2015 11:15	29.70	30.70	19.70	28.20	11.00
5/7/2015 9:45	7.70	9.30	23.00	30.90	0.00
5/13/2015 5:30	15.10	15.60	15.70	14.20	1.40
5/15/2015 3:30	10.30	10.90	15.70	12.00	0.00
5/7/2015 9:15	16.40	16.20	13.80	13.30	3.10
5/7/2015 19:00	3.30	8.10	69.20	70.50	0.00
5/9/2015 8:00	15.70	9.80	20.10	17.70	0.00
5/8/2015 5:45	34.40	14.30	7.00	6.40	28.00
5/10/2015 2:00	25.30	11.30	14.20	14.30	11.10
5/12/2015 12:00	19.80	17.90	10.60	11.30	9.20
5/6/2015 16:30	28.00	23.10	21.70	15.10	12.90
5/9/2015 19:30	10.70	11.10	33.80	20.10	0.00
5/9/2015 23:30	21.60	12.00	15.50	27.60	6.10
5/12/2015 6:15	12.80	15.20	10.00	8.90	6.30
5/16/2015 16:15	20.60	16.40	12.30	11.90	8.70
5/2/2015 21:00	6.20	4.20	4.20	5.30	2.00



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5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/6/2015 14:30	29.10	34.90	39.00	18.00	16.90
5/18/2015 1:15	38.60	29.10	7.50	7.40	31.20
5/18/2015 5:15	41.90	46.50	17.90	17.70	28.80
5/6/2015 21:45	7.20	10.70	29.30	12.10	0.00
5/10/2015 4:30	36.20	11.40	13.90	12.30	23.90
5/10/2015 23:45	26.80	23.60	52.60	6.40	20.40
5/11/2015 14:45	11.20	14.60	18.80	19.60	0.00
5/17/2015 1:00	22.50	13.50	10.00	10.20	12.50
5/17/2015 5:00	54.20	52.00	8.00	7.90	46.30
5/18/2015 3:15	42.30	40.00	6.80	7.10	35.50
5/6/2015 18:00	21.00	12.10	31.80	28.60	0.00
5/8/2015 0:15	23.30	10.80	4.80	8.60	18.50
5/16/2015 12:45	20.90	19.00	29.20	34.40	0.00
5/11/2015 16:00	14.10	17.10	11.90	10.40	6.70
5/3/2015 1:30	7.80	3.60	9.20	5.40	2.40
5/5/2015 11:45	12.40	9.60	50.30	48.80	0.00
5/18/2015 4:30	32.30	42.50	19.60	16.90	25.60
5/18/2015 23:45	17.10	19.30	8.30	8.60	0.00
5/8/2015 2:15	29.10	9.70	3.60	6.70	25.50
5/11/2015 6:30	7.40	9.00	28.10	36.10	0.00
5/16/2015 5:45	29.30	23.70	14.50	15.50	14.80
5/19/2015 19:00	7.50	6.50	15.90	9.10	0.00
5/13/2015 21:15	19.40	12.00	13.60	13.60	5.80
5/11/2015 4:15	9.50	19.00	32.30	36.40	0.00
5/9/2015 20:45	15.20	15.90	10.50	13.30	5.40
5/17/2015 23:00	32.30	28.80	12.70	14.10	19.60
5/6/2015 19:30	25.50	33.80	77.20	11.90	21.90
5/6/2015 23:30	6.70	11.30	14.10	15.20	0.00
5/15/2015 13:45	34.00	17.90	16.10	9.10	24.90
5/16/2015 7:30	43.70	44.60	12.30	12.70	32.30
5/19/2015 16:15	15.60	8.60	9.00	9.20	6.60
5/5/2015 9:30	15.00	13.60	24.90	17.00	0.00
5/5/2015 19:45	31.80	30.00	16.10	16.60	15.70
5/11/2015 7:45	31.30	49.30	9.60	9.70	39.70
5/16/2015 1:45	28.10	44.30	18.40	13.00	31.30
5/3/2015 2:45	8.10	3.60	13.10	8.00	0.10
5/6/2015 14:00	42.00	13.20	25.90	37.40	16.10
5/8/2015 19:45	13.10	9.50	31.70	12.50	0.60
5/10/2015 22:00	33.50	13.30	11.10	13.50	22.40
5/11/2015 15:15	18.60	20.10	14.50	25.20	5.60
5/12/2015 9:00	9.80	10.30	15.10	15.40	0.00
5/16/2015 4:45	31.00	28.20	17.90	18.30	13.10
5/9/2015 14:30	20.00	13.80	27.00	16.10	3.90
5/11/2015 17:15	9.30	12.40	26.50	19.00	0.00
5/19/2015 15:30	14.60	6.50	11.90	11.60	3.00
5/5/2015 21:45	30.10	31.10	17.90	17.80	13.30
5/9/2015 16:30	12.20	11.70	7.90	9.20	4.30
5/15/2015 8:30	14.90	11.80	10.70	12.10	4.20
5/16/2015 3:45	31.90	31.00	14.80	10.80	21.10
5/19/2015 13:30	12.80	7.10	6.10	6.10	6.70
5/19/2015 17:30	16.10	9.50	7.20	6.90	9.20
5/14/2015 4:00	28.80	15.20	12.40	10.50	18.30
5/15/2015 18:00	26.50	28.20	19.60	18.70	9.50
5/17/2015 10:30	6.20	7.00	26.50	16.00	0.00
5/17/2015 16:30	22.50	14.70	23.60	14.30	8.20
5/9/2015 23:00	12.70	12.20	26.50	6.80	5.90
5/10/2015 14:15	33.50	11.10	12.10	16.80	21.40
5/11/2015 15:30	16.90	19.00	12.90	16.60	6.10
5/2/2015 13:30	2.40	18.60	2.80	9.50	15.80
5/2/2015 17:30	4.10	4.10	4.20	18.20	0.00
5/6/2015 1:15	16.10	16.60	44.90	22.60	0.00
5/6/2015 5:15	20.90	32.00	35.10	22.00	0.00
5/10/2015 12:15	42.00	14.00	24.90	18.70	23.30
5/2/2015 15:30	14.90	8.40	2.60	11.60	12.30
5/8/2015 11:45	1.20	7.50	29.90	22.20	0.00
5/16/2015 6:00	30.90	19.90	14.50	15.50	16.40
5/19/2015 18:45	15.50	10.10	6.90	6.40	9.10
5/2/2015 14:45	19.00	6.20	2.40	17.00	16.60
5/4/2015 0:30	9.00	14.90	10.90	14.20	4.00
5/15/2015 10:15	9.70	9.30	22.60	24.10	0.00
5/18/2015 14:15	30.00	12.70	8.30	8.10	21.90
5/6/2015 8:30	23.00	22.50	21.10	17.50	5.50
5/12/2015 20:30	14.90	18.00	11.20	11.50	6.80
5/4/2015 22:30	25.80	11.70	42.20	38.70	0.00
5/10/2015 7:00	72.20	10.20	20.70	8.50	63.70
5/10/2015 11:00	14.70	9.90	22.50	15.20	0.00
5/10/2015 8:45	80.20	20.30	12.40	8.80	71.40
5/12/2015 17:45	22.10	22.30	13.30	13.90	9.00
5/13/2015 2:30	19.90	18.80	11.10	11.60	8.80
5/13/2015 12:45	16.40	16.90	15.20	15.60	1.70
5/10/2015 10:45	13.80	10.30	31.60	15.00	0.00
5/12/2015 8:00	18.90	23.30	8.70	8.70	14.60
5/7/2015 13:00	6.30	10.60	33.80	35.30	0.00
5/7/2015 17:00	43.00	22.00	5.80	8.90	37.20
5/4/2015 7:30	10.70	5.90	31.10	29.20	0.00
5/4/2015 21:30	17.90	12.90	20.00	10.40	7.50
5/7/2015 18:15	3.70	9.50	37.70	12.50	0.00
5/8/2015 3:00	31.70	10.00	3.40	7.80	28.30
5/8/2015 1:00	25.70	10.60	7.10	9.70	18.60



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/8/2015 5:00	2.50	12.60	37.00	13.80	0.00
5/8/2015 22:45	11.00	9.10	6.30	19.60	4.70
5/10/2015 19:00	12.60	11.70	19.50	14.80	0.00
5/4/2015 20:30	16.80	17.00	43.70	10.00	7.00
5/9/2015 1:15	13.50	17.20	9.40	8.40	8.80
5/9/2015 5:15	15.40	13.80	12.60	11.60	3.80
5/13/2015 0:00	11.40	11.80	18.60	21.40	0.00
5/19/2015 2:15	19.60	18.80	8.50	8.60	11.10
5/4/2015 18:30	9.00	9.10	51.80	10.20	0.00
5/10/2015 5:30	13.90	8.70	15.50	10.90	3.00
5/10/2015 9:45	21.10	11.20	22.60	17.90	3.20
5/3/2015 13:45	20.40	15.90	21.00	17.00	3.40
5/4/2015 4:45	9.00	8.40	15.70	11.00	0.00
5/5/2015 10:30	20.20	15.90	13.30	12.10	8.10
5/11/2015 0:15	14.00	14.50	27.40	10.70	3.80
5/15/2015 15:00	19.80	10.70	23.50	24.40	0.00
5/7/2015 23:45	35.70	17.40	5.20	5.90	30.50
5/11/2015 2:15	31.10	11.40	13.20	21.20	0.00
5/14/2015 14:45	14.60	12.20	15.90	11.90	2.70
5/4/2015 3:45	10.60	9.70	9.90	23.30	0.70
5/11/2015 21:00	13.10	14.80	6.00	9.60	8.80
5/4/2015 1:45	9.50	11.10	10.00	5.80	5.30
5/12/2015 3:30	11.00	14.10	8.40	8.90	5.70
5/16/2015 3:00	24.00	33.60	19.10	13.40	20.20
5/18/2015 8:45	26.70	22.70	15.10	15.20	11.60
5/7/2015 2:00	9.90	15.60	16.70	15.30	0.30
5/9/2015 12:00	10.50	10.70	10.10	9.40	1.30
5/6/2015 11:30	24.90	25.70	24.40	20.60	5.10
5/8/2015 6:30	48.50	12.90	1.80	8.90	46.70
5/6/2015 20:45	22.80	29.00	31.30	12.20	16.80
5/14/2015 16:00	12.60	12.70	20.50	12.00	0.70
4/30/2015 5:30	-4.60	5.60	5.50	5.20	0.40
4/30/2015 5:45	-4.60	6.10	5.20	5.60	0.90
4/30/2015 6:00	-4.60	6.10	6.20	5.50	0.60
4/30/2015 6:15	5.60	5.60	-4.60	5.60	10.20
4/30/2015 6:30	5.70	5.60	-4.60	5.30	10.30
4/30/2015 6:45	4.40	5.70	-4.60	5.80	10.30
4/30/2015 7:00	-4.60	5.30	6.50	6.30	0.00
4/30/2015 7:15	-4.60	5.20	5.30	6.30	0.00
4/30/2015 7:30	-4.60	5.50	6.00	6.50	0.00
4/30/2015 7:45	5.60	6.60	-4.60	6.10	11.20
4/30/2015 8:00	5.00	7.40	-4.60	5.90	12.00
4/30/2015 8:15	5.20	6.40	-4.60	5.30	11.00
4/30/2015 8:30	-4.60	5.30	5.30	6.50	0.00
4/30/2015 8:45	5.10	6.20	-4.60	5.30	10.80
4/30/2015 9:00	6.40	6.50	-4.60	5.00	11.10
4/30/2015 9:15	-4.60	5.20	5.50	6.50	0.00
4/30/2015 9:30	5.70	8.00	-4.60	5.20	12.60
4/30/2015 9:45	-4.60	5.50	5.90	5.60	0.00
4/30/2015 10:00	-4.60	5.60	5.50	5.00	0.60
4/30/2015 10:15	-4.60	5.40	5.90	6.10	0.00
4/30/2015 10:30	-4.60	5.50	5.90	6.80	0.00
4/30/2015 10:45	-4.60	6.00	4.90	5.90	1.10
4/30/2015 11:00	-4.60	5.40	5.30	7.00	0.10
4/30/2015 11:15	5.00	5.40	-4.60	5.20	10.00
4/30/2015 11:30	4.70	5.90	-4.60	5.20	10.50
4/30/2015 11:45	-4.60	5.20	5.10	4.60	0.60
4/30/2015 12:00	-4.60	5.90	5.20	5.50	0.70
4/30/2015 12:15	-4.60	5.80	4.70	5.80	1.10
4/30/2015 12:30	5.70	5.40	-4.60	5.20	10.30
4/30/2015 12:45	5.60	5.40	-4.60	5.40	10.20
4/30/2015 13:00	6.00	6.20	-4.60	5.60	10.80
4/30/2015 13:15	5.60	6.70	-4.60	5.90	11.30
4/30/2015 13:30	5.90	6.80	-4.60	5.40	11.40
4/30/2015 13:45	-4.60	5.20	5.40	6.10	0.00
4/30/2015 14:00	5.20	6.30	-4.60	5.10	10.90
4/30/2015 14:15	5.30	7.00	-4.60	5.00	11.60
4/30/2015 14:30	-4.60	5.30	5.20	6.50	0.10
4/30/2015 14:45	-4.60	5.40	5.50	6.20	0.00
4/30/2015 15:00	-4.60	5.70	6.20	6.00	0.00
4/30/2015 15:15	5.30	6.40	-4.60	5.80	11.00
4/30/2015 15:30	5.60	6.50	-4.60	5.60	11.10
4/30/2015 15:45	-4.60	5.60	5.30	6.60	0.30
4/30/2015 16:00	-4.60	5.40	5.20	5.80	0.20
4/30/2015 16:15	-4.60	5.50	5.70	6.60	0.00
4/30/2015 16:30	-4.60	5.60	5.80	6.20	0.00
4/30/2015 16:45	-4.60	5.60	5.00	6.10	0.60
4/30/2015 17:00	-4.60	5.60	5.70	6.20	0.00
4/30/2015 17:15	5.80	6.00	-4.60	5.50	0.00
4/30/2015 17:30	5.00	5.70	-4.60	5.40	10.30
4/30/2015 17:45	5.10	6.30	-4.60	5.40	10.90
4/30/2015 18:00	5.60	5.70	-4.60	5.50	10.30
4/30/2015 18:15	-4.60	5.50	5.60	5.90	0.00
4/30/2015 18:30	5.40	6.50	-4.60	5.50	11.10
4/30/2015 18:45	5.50	5.60	-4.60	5.30	10.20
4/30/2015 19:00	5.80	5.80	-4.60	5.30	0.00
4/30/2015 19:15	-4.60	5.30	5.10	5.50	0.20
4/30/2015 19:30	-4.60	5.30	5.30	5.30	0.00
4/30/2015 19:45	5.50	5.40	-4.60	5.40	10.10



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
4/30/2015 20:00	-4.60	5.70	5.60	6.40	0.10
4/30/2015 20:15	-4.60	5.60	6.60	5.80	0.00
4/30/2015 20:30	5.90	5.40	-4.60	5.70	10.50
4/30/2015 20:45	5.20	5.50	-4.60	5.40	10.10
4/30/2015 21:00	6.30	5.90	-4.60	5.00	10.90
4/30/2015 21:15	6.40	6.00	-4.60	4.90	11.00
4/30/2015 21:30	-4.60	4.80	5.90	5.60	0.00
4/30/2015 21:45	-4.60	4.80	6.20	5.90	0.00
4/30/2015 22:00	6.20	6.10	-4.60	4.60	10.80
4/30/2015 22:15	5.80	6.20	-4.60	4.70	10.80
4/30/2015 22:30	5.90	6.00	-4.60	4.50	10.60
4/30/2015 22:45	6.40	5.90	-4.60	4.60	11.00
4/30/2015 23:00	5.70	6.60	-4.60	4.40	11.20
4/30/2015 23:15	5.80	6.00	-4.60	4.30	10.60
4/30/2015 23:30	5.80	5.90	-4.60	4.20	10.50
4/30/2015 23:45	5.30	5.00	-4.60	4.20	9.90
5/1/2015 0:00	5.30	4.70	-4.60	4.10	9.90
5/1/2015 0:15	4.70	4.90	-4.60	4.10	9.50
5/1/2015 0:30	-4.60	4.30	5.50	5.20	0.00
5/1/2015 0:45	-4.60	4.10	5.60	5.40	0.00
5/1/2015 1:00	5.40	5.40	-4.60	3.90	10.00
5/1/2015 1:15	-4.60	3.80	5.10	5.40	0.00
5/1/2015 1:30	-4.60	4.00	4.50	5.70	0.00
5/1/2015 1:45	-4.60	4.00	5.20	4.80	0.00
5/1/2015 2:00	-4.60	4.00	6.10	5.70	0.00
5/1/2015 2:15	7.60	4.90	-4.60	3.70	12.20
5/1/2015 2:30	5.10	6.00	-4.60	4.00	10.60
5/1/2015 2:45	-4.60	4.30	5.40	5.60	0.00
5/1/2015 3:00	-4.60	4.50	6.20	5.10	0.00
5/1/2015 3:15	-4.60	4.50	6.00	5.10	0.00
5/1/2015 3:30	6.20	5.90	-4.60	5.10	10.80
5/1/2015 3:45	6.00	4.60	-4.60	23.60	10.60
5/1/2015 4:00	5.20	5.50	-4.60	18.30	10.10
5/1/2015 4:15	-4.60	14.80	5.10	5.50	9.70
5/1/2015 4:30	5.80	5.00	-4.60	14.80	10.40
5/1/2015 4:45	-4.60	13.70	5.80	4.60	9.10
5/1/2015 5:00	-4.60	13.50	5.10	4.40	9.10
5/1/2015 5:15	-4.60	12.80	4.10	4.40	8.70
5/1/2015 5:30	4.20	4.50	-4.60	12.50	9.10
5/1/2015 5:45	4.40	4.40	-4.60	12.20	9.00
5/1/2015 6:00	-4.60	11.30	4.80	4.50	6.80
5/1/2015 6:15	-4.60	10.10	4.20	4.70	5.90
5/1/2015 6:30	-4.60	8.90	4.00	5.10	4.90
5/1/2015 6:45	-4.60	8.30	4.10	4.80	4.20
5/1/2015 7:00	-4.60	6.90	4.20	5.00	2.70
5/1/2015 7:15	4.30	4.50	-4.60	7.80	9.10
5/1/2015 7:30	4.20	4.20	-4.60	7.50	8.80
5/1/2015 7:45	4.30	4.10	-4.60	7.50	8.90
5/1/2015 8:00	-4.60	7.30	5.10	4.20	3.10
5/1/2015 8:15	-4.60	6.10	4.30	6.30	1.80
5/1/2015 8:30	4.20	4.80	-4.60	4.00	9.40
5/1/2015 8:45	4.70	4.50	-4.60	6.60	9.30
5/1/2015 9:00	3.40	4.50	-4.60	5.30	9.10
5/1/2015 9:15	-4.60	6.00	4.70	4.70	1.30
5/1/2015 9:30	4.60	4.80	-4.60	5.20	0.00
5/1/2015 9:45	-4.60	4.80	4.60	4.80	0.30
5/1/2015 10:00	-4.60	4.70	5.00	4.80	0.00
5/1/2015 10:15	-4.60	4.50	5.00	5.40	0.00
5/1/2015 10:30	-4.60	4.30	5.20	5.00	0.00
5/1/2015 10:45	-4.60	4.30	5.80	4.80	0.00
5/1/2015 11:00	10.90	5.00	-4.60	4.40	15.50
5/1/2015 11:15	6.70	6.90	-4.60	4.40	11.50
5/1/2015 11:30	5.70	5.60	-4.60	5.70	10.30
5/1/2015 11:45	5.20	5.50	-4.60	4.50	10.10
5/1/2015 12:00	-4.60	4.90	4.60	5.20	0.30
5/1/2015 12:15	-4.60	5.50	6.30	5.30	0.20
5/1/2015 12:30	5.50	4.10	-4.60	5.40	10.10
5/1/2015 12:45	-4.60	4.70	5.50	5.10	0.00
5/1/2015 13:00	-4.60	4.20	5.00	5.60	0.00
5/1/2015 13:15	5.80	4.70	-4.60	4.00	10.40
5/1/2015 13:30	6.70	4.90	-4.60	4.10	11.30
5/1/2015 13:45	5.40	5.80	-4.60	3.80	10.40
5/1/2015 14:00	-4.60	4.90	5.00	5.10	0.00
5/1/2015 14:15	-4.60	4.70	4.30	4.70	0.40
5/1/2015 14:30	4.00	5.80	-4.60	4.00	10.40
5/1/2015 14:45	4.50	5.40	-4.60	3.80	10.00
5/1/2015 15:00	4.40	4.80	-4.60	5.40	9.40
5/1/2015 15:15	3.90	5.70	-4.60	4.40	10.30
5/1/2015 15:30	4.00	6.20	-4.60	4.30	10.80
5/1/2015 15:45	4.80	5.30	-4.60	4.50	9.90
5/1/2015 16:00	-4.60	5.00	4.00	5.30	1.00
5/1/2015 16:15	-4.60	4.60	4.70	5.10	0.00
5/1/2015 16:30	-4.60	4.70	5.30	5.60	0.00
5/1/2015 16:45	4.90	5.80	-4.60	5.30	10.40
5/1/2015 17:00	-4.60	6.30	6.10	5.90	0.40
5/1/2015 17:15	-4.60	5.50	7.20	5.60	0.00
5/1/2015 17:30	-4.60	5.20	5.80	5.90	0.00
5/1/2015 17:45	-4.60	4.80	5.30	5.40	0.00
5/1/2015 18:00	-4.60	4.20	5.70	5.10	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/1/2015 18:15	4.40	7.30	-4.60	4.10	11.90
5/1/2015 18:30	5.60	6.00	-4.60	4.80	10.60
5/1/2015 18:45	-4.60	5.10	6.60	6.20	0.00
5/1/2015 19:00	-4.60	5.20	6.50	5.80	0.00
5/1/2015 19:15	-4.60	5.10	5.20	6.00	0.00
5/1/2015 19:30	7.40	6.50	-4.60	4.90	12.00
5/1/2015 19:45	-4.60	5.00	6.30	5.80	0.00
5/1/2015 20:00	7.20	5.70	-4.60	4.90	11.80
5/1/2015 20:15	4.90	5.90	-4.60	4.90	10.50
5/19/2015 20:30	16.60	8.40	9.70	8.60	8.00
5/19/2015 20:45	10.40	9.40	16.60	9.10	1.30
5/19/2015 21:00	16.90	8.60	8.20	9.20	8.70
5/19/2015 21:15	16.60	8.00	7.60	8.80	9.00
5/19/2015 21:30	8.10	8.00	18.10	7.90	0.20
5/19/2015 21:45	17.50	8.60	9.20	7.70	9.80
5/19/2015 22:00	18.90	9.70	8.30	8.20	10.70
5/19/2015 22:15	18.90	8.70	8.40	8.30	10.60
5/19/2015 22:30	18.80	8.80	9.20	8.70	10.10
5/19/2015 22:45	16.90	8.80	10.70	8.80	8.10
5/19/2015 23:00	20.60	9.70	35.60	33.00	0.00
5/19/2015 23:15	14.30	14.70	20.50	10.00	4.70
5/19/2015 23:30	20.30	9.10	12.90	12.70	7.60
5/19/2015 23:45	19.30	7.40	12.60	11.50	7.80
5/20/2015 0:00	20.50	6.90	9.90	9.30	11.20
5/20/2015 0:15	18.00	9.90	8.60	6.50	11.50
5/20/2015 0:30	9.50	7.50	17.80	7.90	1.60
5/20/2015 0:45	10.40	10.00	17.30	8.70	1.70
5/20/2015 1:00	10.30	10.60	19.00	7.10	3.50
5/20/2015 1:15	14.50	14.10	19.60	7.80	6.70
5/20/2015 1:30	29.40	28.70	19.40	8.00	21.40
5/20/2015 1:45	41.90	38.30	17.90	8.00	33.90
5/20/2015 2:00	17.90	7.80	23.40	23.10	0.00
5/20/2015 2:15	17.90	17.50	20.10	7.20	10.70
5/20/2015 2:30	14.30	13.80	17.60	7.00	7.30
5/20/2015 2:45	16.90	7.10	13.70	12.50	4.40
5/20/2015 3:00	17.70	8.20	11.00	11.00	6.70
5/20/2015 3:15	15.50	7.70	10.30	10.10	5.40
5/20/2015 3:30	9.50	8.60	17.30	8.50	1.00
5/20/2015 3:45	9.60	8.50	17.40	8.30	1.30
5/20/2015 4:00	17.00	7.60	9.60	8.90	8.10
5/20/2015 4:15	15.50	8.00	9.70	8.60	6.90
5/20/2015 4:30	17.20	7.50	9.60	9.20	8.00
5/20/2015 4:45	8.80	9.20	16.70	6.50	2.70
5/20/2015 5:00	8.30	7.40	16.70	6.60	1.70
5/20/2015 5:15	7.50	7.20	15.50	7.00	0.50
5/20/2015 5:30	7.10	6.80	15.70	6.40	0.70
5/20/2015 5:45	6.50	6.70	15.00	6.60	0.10
5/20/2015 6:00	6.20	6.80	16.20	6.90	0.00
5/20/2015 6:15	6.40	6.50	15.00	6.10	0.40
5/20/2015 6:30	7.00	9.40	15.80	7.10	2.30
5/20/2015 6:45	7.10	7.90	15.40	6.70	1.20
5/20/2015 7:00	13.10	8.00	14.80	11.00	2.10
5/20/2015 7:15	20.00	12.20	14.10	12.60	7.40
5/20/2015 7:30	21.80	17.70	17.90	9.60	12.20
5/20/2015 7:45	19.00	9.90	11.30	13.90	7.70
5/20/2015 8:00	19.40	11.20	7.80	10.10	11.60
5/20/2015 8:15	10.70	7.30	22.40	12.40	0.00
5/20/2015 8:30	11.20	7.40	24.00	14.60	0.00
5/20/2015 8:45	13.20	7.60	22.10	10.40	2.80
5/20/2015 9:00	10.10	7.50	18.60	11.80	0.00
5/20/2015 9:15	8.80	7.10	20.00	9.40	0.00
5/20/2015 9:30	20.10	9.10	10.70	7.50	12.60
5/20/2015 9:45	19.20	9.10	11.20	7.30	11.90
5/20/2015 10:00	15.70	7.20	19.10	9.80	5.90
5/20/2015 10:15	17.10	9.30	21.90	14.50	2.60
5/20/2015 10:30	17.60	9.00	19.90	15.00	2.60
5/20/2015 10:45	18.80	9.60	17.50	9.90	0.00
5/20/2015 11:00	20.90	8.70	19.10	9.80	11.10
5/20/2015 11:15	17.60	10.00	35.10	16.60	1.00
5/20/2015 11:30	15.50	9.40	26.40	7.50	8.00
5/20/2015 11:45	15.70	9.00	7.70	7.90	8.00
5/20/2015 12:00	14.30	9.50	7.70	7.60	6.70
5/20/2015 12:15	14.90	10.20	7.10	6.40	8.50
5/20/2015 12:30	14.30	9.00	11.00	9.00	5.30
5/20/2015 12:45	12.20	10.30	16.00	9.20	3.00
5/20/2015 13:00	16.50	14.60	17.50	9.60	6.90
5/20/2015 13:15	16.00	8.60	23.90	20.90	0.00
5/20/2015 13:30	21.90	20.50	15.50	9.90	12.00
5/20/2015 13:45	19.00	11.90	58.20	56.80	0.00
5/20/2015 14:00	14.80	8.90	48.70	61.30	0.00
5/20/2015 14:15	22.80	17.90	14.80	7.20	15.60
5/20/2015 14:30	16.80	14.00	27.80	26.80	0.00
5/20/2015 14:45	19.80	13.70	18.90	15.00	4.80
5/20/2015 15:00	21.20	20.50	19.40	14.00	0.00
5/20/2015 15:15	17.10	15.60	20.20	16.00	1.10
5/20/2015 15:30	19.20	17.40	24.30	20.90	0.00
5/20/2015 15:45	17.30	15.40	23.90	21.90	0.00
5/20/2015 16:00	17.40	14.70	28.30	22.90	0.00
5/20/2015 16:15	14.90	12.70	17.30	16.30	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/20/2015 16:30	13.90	14.30	25.20	21.90	0.00
5/20/2015 16:45	24.40	20.70	13.70	13.40	11.00
5/20/2015 17:00	12.30	12.10	24.20	22.00	0.00
5/20/2015 17:15	10.60	10.00	26.40	17.70	0.00
5/20/2015 17:30	32.10	21.10	10.00	10.00	22.10
5/20/2015 17:45	9.00	9.00	17.50	17.80	0.00
5/20/2015 18:00	9.40	9.10	25.20	24.30	0.00
5/20/2015 18:15	9.40	9.40	20.40	16.90	0.00
5/20/2015 18:30	17.90	17.80	9.50	9.60	8.40
5/20/2015 18:45	18.50	17.80	9.70	10.00	8.80
5/20/2015 19:00	18.40	19.90	9.40	9.50	10.50
5/20/2015 19:15	9.90	10.40	20.90	19.60	0.00
5/20/2015 19:30	9.50	9.40	20.20	20.20	0.00
5/20/2015 19:45	20.00	20.60	9.30	9.30	11.30
5/20/2015 20:00	9.10	9.40	20.90	20.00	0.00
5/20/2015 20:15	22.00	19.50	9.30	10.20	12.70
5/20/2015 20:30	20.60	17.30	11.00	11.90	9.60
5/20/2015 20:45	10.40	11.30	21.20	13.80	0.00
5/20/2015 21:00	10.10	11.10	20.80	16.60	0.00
5/20/2015 21:15	22.20	17.10	10.10	11.10	12.10
5/20/2015 21:30	11.10	15.80	21.00	16.30	0.00
5/20/2015 21:45	14.10	17.50	21.40	15.40	2.10
5/20/2015 22:00	15.50	19.60	20.70	15.10	4.50
5/20/2015 22:15	23.10	23.20	22.20	15.40	7.80
5/20/2015 22:30	23.30	15.90	20.20	21.20	3.10
5/20/2015 22:45	16.50	16.70	22.20	15.70	1.00
5/20/2015 23:00	19.40	15.00	16.10	15.60	3.80
5/20/2015 23:15	13.20	12.20	22.00	14.90	0.00
5/20/2015 23:30	15.40	14.10	21.70	14.00	1.40
5/20/2015 23:45	14.90	13.20	21.10	14.20	0.70
5/21/2015 0:00	12.70	11.60	20.50	15.00	0.00
5/21/2015 0:15	12.60	11.30	22.60	14.10	0.00
5/21/2015 0:30	20.60	14.50	12.50	12.30	8.30
5/21/2015 0:45	11.90	11.50	20.90	13.50	0.00
5/21/2015 1:00	11.20	10.30	25.70	19.50	0.00
5/21/2015 1:15	23.30	23.20	11.00	9.70	13.60
5/21/2015 1:30	12.50	9.70	27.20	28.20	0.00
5/21/2015 1:45	28.40	20.60	10.20	9.60	18.80
5/21/2015 2:00	9.20	9.00	31.00	21.10	0.00
5/21/2015 2:15	22.60	23.40	9.50	8.60	14.80
5/21/2015 2:30	24.50	24.30	14.00	8.30	16.20
5/21/2015 2:45	25.60	19.40	7.80	8.10	17.80
5/21/2015 3:00	25.60	25.50	8.20	8.00	17.60
5/21/2015 3:15	23.80	8.00	27.80	29.20	0.00
5/21/2015 3:30	24.30	18.40	32.70	8.80	15.50
5/21/2015 3:45	26.20	21.90	28.30	16.00	10.20
5/21/2015 4:00	35.30	27.70	22.80	18.10	17.20
5/21/2015 4:15	34.60	40.80	33.90	17.70	23.10
5/21/2015 4:30	37.40	28.10	21.40	13.20	24.20
5/21/2015 4:45	29.80	26.80	34.10	11.00	0.00
5/21/2015 5:00	32.80	15.00	25.10	7.60	25.20
5/21/2015 5:15	48.00	34.50	22.50	8.80	39.20
5/21/2015 5:30	20.60	14.20	25.00	15.50	5.10
5/21/2015 5:45	38.40	50.30	25.60	23.40	26.90
5/21/2015 6:00	21.80	20.90	29.80	34.80	0.00
5/21/2015 6:15	30.50	9.40	29.30	28.70	1.80
5/21/2015 6:30	22.60	16.00	25.00	9.50	13.10
5/21/2015 6:45	25.10	10.90	31.30	16.50	8.60
5/21/2015 7:00	11.10	7.80	28.30	15.80	0.00
5/21/2015 7:15	26.70	8.00	23.10	14.50	12.20
5/21/2015 7:30	25.20	15.70	8.80	8.50	16.70
5/21/2015 7:45	22.00	18.60	9.50	8.50	13.50
5/21/2015 8:00	8.70	8.20	23.50	19.20	0.00
5/21/2015 8:15	7.70	8.00	29.20	21.30	0.00
5/21/2015 8:30	26.70	20.70	7.00	7.50	19.70
5/21/2015 8:45	7.00	7.60	32.80	19.50	0.00
5/21/2015 9:00	7.00	7.60	21.30	12.70	0.00
5/21/2015 9:15	7.50	7.50	24.90	18.70	0.00
5/21/2015 9:30	37.90	18.70	7.20	7.60	30.70
5/21/2015 9:45	7.70	7.50	21.20	13.10	0.00
5/21/2015 10:00	23.00	11.50	9.10	7.50	15.50
5/21/2015 10:15	7.60	7.40	23.80	16.60	0.00
5/21/2015 10:30	11.90	7.50	23.60	14.80	0.00
5/21/2015 10:45	20.20	11.40	10.90	8.70	11.50
5/21/2015 11:00	9.90	7.70	22.40	16.40	0.00
5/21/2015 11:15	7.20	7.00	32.30	26.30	0.00
5/21/2015 11:30	9.90	7.70	38.60	20.90	0.00
5/21/2015 11:45	10.60	6.90	37.80	29.90	0.00
5/21/2015 12:00	29.50	15.20	13.40	7.00	22.50
5/21/2015 12:15	12.70	7.00	26.80	14.10	0.00
5/21/2015 12:30	13.30	7.00	26.90	13.80	0.00
5/21/2015 12:45	32.60	21.20	11.30	6.90	25.70
5/21/2015 13:00	23.80	14.00	13.00	6.90	16.90
5/21/2015 13:15	26.80	13.40	14.20	8.30	18.50
5/21/2015 13:30	13.10	7.10	26.20	11.10	2.00
5/21/2015 13:45	25.40	11.50	12.40	7.20	18.20
5/21/2015 14:00	14.20	8.50	24.80	11.00	3.20
5/21/2015 14:15	21.20	14.20	14.30	8.30	12.90
5/21/2015 14:30	24.50	11.30	16.70	9.00	15.50



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/21/2015 14:45	19.40	6.90	22.50	10.10	9.30
5/21/2015 15:00	23.10	11.40	20.90	6.80	16.30
5/21/2015 15:15	17.40	6.80	22.80	13.40	4.00
5/21/2015 15:30	27.40	15.90	19.50	6.80	20.60
5/21/2015 15:45	13.10	6.70	24.30	13.20	0.00
5/21/2015 16:00	13.80	6.50	36.80	45.10	0.00
5/21/2015 16:15	7.90	6.10	36.10	20.10	0.00
5/21/2015 16:30	10.70	5.80	20.80	12.40	0.00
5/21/2015 16:45	23.80	13.90	12.90	6.00	17.80
5/21/2015 17:00	25.40	13.90	18.10	6.60	18.80
5/21/2015 17:15	25.70	12.60	16.70	6.50	19.20
5/21/2015 17:30	15.50	6.10	23.50	15.70	0.00
5/21/2015 17:45	17.50	6.40	33.30	15.70	1.80
5/21/2015 18:00	27.30	12.80	16.90	6.80	20.50
5/21/2015 18:15	14.20	7.10	54.40	19.20	0.00
5/21/2015 18:30	60.60	16.90	14.60	8.50	52.10
5/21/2015 18:45	59.00	57.00	14.30	8.20	50.80
5/21/2015 19:00	46.00	32.40	14.30	10.10	35.90
5/21/2015 19:15	45.20	19.70	14.40	9.40	35.80
5/21/2015 19:30	28.30	17.00	14.60	9.50	18.80
5/21/2015 19:45	26.40	19.60	13.60	10.60	15.80
5/21/2015 20:00	31.10	13.10	18.60	10.40	20.70
5/21/2015 20:15	32.40	32.60	19.90	12.30	20.30
5/21/2015 20:30	28.20	32.20	18.00	13.40	18.80
5/21/2015 20:45	38.20	35.70	15.20	11.30	26.90
5/21/2015 21:00	33.60	25.70	16.70	9.30	24.30
5/21/2015 21:15	13.10	9.10	35.40	23.20	0.00
5/21/2015 21:30	21.30	8.90	32.50	26.90	0.00
5/21/2015 21:45	29.70	41.10	18.80	13.10	28.00
5/21/2015 22:00	22.60	12.20	26.80	30.10	0.00
5/21/2015 22:15	32.40	30.60	13.70	12.20	20.20
5/21/2015 22:30	30.60	30.30	12.80	20.90	17.80
5/21/2015 22:45	13.70	14.20	32.30	24.40	-100000.00
5/21/2015 23:00	-1.20	-1.70	34.00	24.20	0.00
5/21/2015 23:15	-0.60	-1.60	34.90	23.40	0.00
5/21/2015 23:30	1.40	-1.00	2.80	0.80	0.60
5/21/2015 23:45	2.40	0.70	1.70	1.60	0.80
5/22/2015 0:00	2.50	0.70	1.50	2.90	1.00
5/22/2015 0:15	1.50	3.30	2.40	0.70	2.60
5/22/2015 0:30	2.20	3.50	2.40	0.70	2.80
5/22/2015 0:45	2.90	1.00	5.50	4.10	0.00
5/22/2015 1:00	8.70	4.80	3.50	1.60	7.10
5/22/2015 1:15	4.20	2.40	9.40	6.50	0.00
5/22/2015 1:30	5.30	3.20	9.90	7.50	0.00
5/22/2015 1:45	9.90	8.10	6.10	3.60	6.30
5/22/2015 2:00	7.70	3.90	9.90	8.30	0.00
5/22/2015 2:15	9.90	8.50	10.50	4.20	5.70
5/22/2015 2:30	9.90	8.90	12.00	5.00	4.90
5/22/2015 2:45	12.20	5.40	9.90	8.90	3.30
5/22/2015 3:00	9.90	8.90	11.80	5.70	4.20
5/22/2015 3:15	11.60	6.50	9.90	8.90	2.70
5/22/2015 3:30	9.90	8.90	11.60	9.80	0.10
5/22/2015 3:45	12.20	12.70	9.90	8.80	3.90
5/22/2015 4:00	9.90	8.80	12.20	13.10	0.00
5/22/2015 4:15	9.90	8.90	12.30	13.30	0.00
5/22/2015 4:30	9.90	8.80	12.20	13.40	0.00
5/22/2015 4:45	9.90	8.90	11.90	13.60	0.00
5/22/2015 5:00	9.90	8.80	11.70	13.80	0.00
5/22/2015 5:15	9.90	8.80	11.00	11.80	0.00
5/22/2015 5:30	9.80	8.60	10.40	11.50	0.00
5/22/2015 5:45	9.80	8.80	10.30	11.90	0.00
5/22/2015 6:00	9.90	8.90	10.20	12.10	0.00
5/22/2015 6:15	9.80	11.80	9.80	8.70	3.10
5/22/2015 6:30	9.80	8.70	9.80	11.60	0.00
5/22/2015 6:45	9.60	11.70	9.80	8.70	3.00
5/22/2015 7:00	9.60	11.80	9.80	8.80	3.00
5/22/2015 7:15	-3.70	12.30	9.80	8.90	3.40
5/22/2015 7:30	10.80	12.70	9.80	9.10	3.60
5/22/2015 7:45	9.80	9.00	10.80	12.60	0.00
5/22/2015 8:00	11.40	13.10	9.70	9.10	4.00
5/22/2015 8:15	9.40	9.00	11.90	13.40	0.00
5/22/2015 8:30	8.90	8.80	-1.10	14.20	10.00
5/22/2015 8:45	8.10	8.60	-5.40	14.10	14.00
5/22/2015 9:00	7.20	8.50	13.90	13.80	0.00
5/22/2015 9:15	14.10	13.70	6.70	8.40	7.40
5/22/2015 9:30	6.70	8.50	14.10	13.80	0.00
5/22/2015 9:45	7.50	8.70	-4.30	13.70	13.00
5/22/2015 10:00	8.00	8.60	14.00	13.60	0.00
5/22/2015 10:15	14.10	13.50	7.90	8.50	6.20
5/22/2015 10:30	7.80	8.40	13.70	13.30	0.00
5/22/2015 10:45	8.10	8.50	14.10	13.30	0.00
5/22/2015 11:00	8.20	8.60	14.10	13.30	0.00
5/22/2015 11:15	1.00	8.50	14.30	12.00	0.00
5/22/2015 11:30	8.20	8.40	14.40	8.00	0.40
5/22/2015 11:45	14.30	6.50	8.00	8.20	6.30
5/22/2015 12:00	14.10	7.50	7.90	8.20	6.20
5/22/2015 12:15	7.40	8.30	14.30	8.90	0.00
5/22/2015 12:30	14.20	13.30	7.50	8.20	6.70
5/22/2015 12:45	8.10	8.30	14.20	13.40	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/22/2015 13:00	14.30	13.50	7.20	8.30	7.10
5/22/2015 13:15	6.10	8.30	14.20	13.50	0.00
5/22/2015 13:30	14.30	13.60	5.40	8.60	8.90
5/22/2015 13:45	5.30	8.50	14.40	11.60	0.00
5/22/2015 14:00	14.30	7.70	6.20	8.50	8.10
5/22/2015 14:15	14.30	13.50	7.90	8.50	6.40
5/22/2015 14:30	14.50	5.80	9.80	8.60	5.90
5/22/2015 14:45	14.20	13.40	10.20	8.50	5.70
5/22/2015 15:00	10.50	8.80	14.30	6.60	3.90
5/22/2015 15:15	14.40	13.40	10.60	9.10	5.30
5/22/2015 15:30	10.80	9.10	14.40	11.00	0.00
5/22/2015 15:45	14.30	13.60	10.70	9.20	5.10
5/22/2015 16:00	14.50	12.30	10.50	9.30	5.20
5/22/2015 16:15	14.50	12.40	10.60	9.10	5.40
5/22/2015 16:30	14.40	12.70	10.50	9.00	5.40
5/22/2015 16:45	14.40	13.80	10.40	9.10	5.30
5/22/2015 17:00	14.40	13.70	10.40	9.10	5.30
5/22/2015 17:15	10.30	9.00	14.40	14.00	0.00
5/22/2015 17:30	14.50	14.20	10.50	9.00	5.50
5/22/2015 17:45	10.40	8.90	14.30	14.30	0.00
5/22/2015 18:00	9.90	9.00	14.40	14.30	0.00
5/22/2015 18:15	14.30	14.40	10.20	9.00	5.40
5/22/2015 18:30	10.40	9.00	14.20	14.60	0.00
5/22/2015 18:45	10.40	8.80	14.20	14.70	0.00
5/22/2015 19:00	10.50	8.90	14.30	14.60	0.00
5/22/2015 19:15	14.30	14.90	10.60	9.50	5.40
5/22/2015 19:30	10.60	9.20	14.20	15.00	0.00
5/22/2015 19:45	14.10	15.00	10.60	9.10	5.90
5/22/2015 20:00	14.10	15.10	10.60	9.50	5.60
5/22/2015 20:15	10.60	9.50	14.20	15.00	0.00
5/22/2015 20:30	10.50	9.50	14.20	15.10	0.00
5/22/2015 20:45	14.30	15.20	10.50	9.40	5.80
5/22/2015 21:00	14.00	15.30	10.40	9.50	5.80
5/22/2015 21:15	14.20	15.20	10.50	9.40	5.80
5/22/2015 21:30	14.10	15.10	10.40	9.20	5.90
5/22/2015 21:45	14.20	15.30	10.50	9.50	5.80
5/22/2015 22:00	14.30	15.30	10.40	9.40	5.90
5/22/2015 22:15	14.20	15.30	10.60	9.30	6.00
5/22/2015 22:30	14.10	15.20	10.30	9.40	5.80
5/22/2015 22:45	14.20	15.30	10.40	9.40	5.90
5/22/2015 23:00	14.30	15.40	10.30	9.40	6.00
5/22/2015 23:15	10.40	9.40	14.30	15.30	0.00
5/22/2015 23:30	13.80	15.20	10.30	9.30	5.90
5/22/2015 23:45	10.40	9.30	14.10	15.40	0.00
5/23/2015 0:00	10.30	9.40	14.10	15.00	0.00
5/23/2015 0:15	14.20	14.90	10.40	9.40	5.50
5/23/2015 0:30	10.30	9.40	14.20	14.80	0.00
5/23/2015 0:45	10.30	9.50	14.50	15.00	0.00
5/23/2015 1:00	14.10	14.90	10.30	9.50	5.40
5/23/2015 1:15	10.30	9.40	14.30	14.90	0.00
5/23/2015 1:30	10.30	9.50	13.90	15.00	0.00
5/23/2015 1:45	14.00	15.10	10.30	9.40	5.70
5/23/2015 2:00	14.20	14.80	10.30	9.40	5.40
5/23/2015 2:15	10.30	9.40	14.10	14.90	0.00
5/23/2015 2:30	10.30	9.50	14.00	14.80	0.00
5/23/2015 2:45	14.20	15.00	10.30	9.50	5.50
5/23/2015 3:00	10.40	9.60	14.30	15.10	0.00
5/23/2015 3:15	14.20	15.00	10.30	9.50	5.50
5/23/2015 3:30	14.10	15.00	10.30	9.50	5.50
5/23/2015 3:45	10.30	9.50	14.30	15.10	0.00
5/23/2015 4:00	13.90	15.00	10.30	9.50	5.50
5/23/2015 4:15	14.10	15.20	10.30	9.60	5.60
5/23/2015 4:30	14.00	15.10	10.30	9.50	5.60
5/23/2015 4:45	14.30	15.10	10.30	9.60	5.50
5/23/2015 5:00	10.30	9.60	14.20	15.00	0.00
5/23/2015 5:15	10.30	9.40	14.00	15.00	0.00
5/23/2015 5:30	10.30	9.60	14.30	15.10	0.00
5/23/2015 5:45	10.30	9.50	14.00	15.10	0.00
5/23/2015 6:00	14.40	15.20	10.30	9.50	5.70
5/23/2015 6:15	14.20	15.20	10.30	9.70	5.50
5/23/2015 6:30	14.10	15.20	10.30	9.60	5.60
5/23/2015 6:45	14.20	15.20	10.30	9.60	5.60
5/23/2015 7:00	10.30	9.60	14.10	15.20	0.00
5/23/2015 7:15	-3.10	15.10	10.20	9.50	5.60
5/23/2015 7:30	14.40	14.90	10.10	9.40	5.50
5/23/2015 7:45	10.00	9.30	14.30	14.90	0.00
5/23/2015 8:00	14.20	14.80	9.80	9.30	5.50
5/23/2015 8:15	9.30	9.10	14.20	14.70	0.00
5/23/2015 8:30	-2.60	14.60	9.00	9.00	5.60
5/23/2015 8:45	-5.50	14.50	8.60	9.00	5.90
5/23/2015 9:00	14.40	14.50	7.80	8.90	6.70
5/23/2015 9:15	14.40	14.30	7.00	8.90	7.40
5/23/2015 9:30	6.80	8.80	14.40	14.20	0.00
5/23/2015 9:45	6.40	8.60	-3.90	13.90	12.50
5/23/2015 10:00	10.10	8.60	13.70	14.10	0.00
5/23/2015 10:15	5.40	14.30	10.40	9.10	5.20
5/23/2015 10:30	13.10	14.40	10.30	8.80	5.60
5/23/2015 10:45	14.10	14.00	9.80	8.70	5.40
5/23/2015 11:00	14.50	13.50	5.50	8.30	9.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/23/2015 11:15	14.60	11.60	-1.40	8.20	16.00
5/23/2015 11:30	14.40	8.40	7.10	8.20	7.30
5/23/2015 11:45	7.00	8.20	14.60	7.10	1.10
5/23/2015 12:00	14.60	7.60	6.90	8.20	7.70
5/23/2015 12:15	14.50	8.70	6.20	8.10	8.30
5/23/2015 12:30	14.60	13.80	6.80	7.90	7.80
5/23/2015 12:45	14.50	14.00	6.30	7.90	8.20
5/23/2015 13:00	14.60	14.10	5.00	8.00	9.60
5/23/2015 13:15	3.50	7.80	14.50	14.10	0.00
5/23/2015 13:30	2.50	7.80	14.80	10.60	0.00
5/23/2015 13:45	14.70	8.40	2.60	7.90	12.10
5/23/2015 14:00	3.80	8.00	14.70	14.10	0.00
5/23/2015 14:15	6.40	8.00	14.40	8.30	0.00
5/23/2015 14:30	8.30	8.00	14.70	13.00	0.00
5/23/2015 14:45	9.50	7.90	14.60	13.70	0.00
5/23/2015 15:00	10.10	8.00	14.60	11.00	0.00
5/23/2015 15:15	14.70	14.10	10.50	8.30	6.40
5/23/2015 15:30	14.60	13.60	10.80	8.30	6.30
5/23/2015 15:45	14.60	14.20	10.50	8.50	6.10
5/23/2015 16:00	10.50	8.50	14.60	11.60	0.00
5/23/2015 16:15	10.60	8.50	14.80	10.80	0.00
5/23/2015 16:30	14.70	12.60	10.50	8.50	6.20
5/23/2015 16:45	10.70	8.40	14.60	13.30	0.00
5/23/2015 17:00	10.60	8.30	14.70	13.80	0.00
5/23/2015 17:15	10.70	8.50	14.60	14.50	0.00
5/23/2015 17:30	14.50	14.60	10.60	8.60	6.00
5/23/2015 17:45	10.60	8.50	14.80	14.70	0.00
5/23/2015 18:00	10.80	8.70	14.70	14.80	0.00
5/23/2015 18:15	14.60	15.00	10.80	8.70	6.30
5/23/2015 18:30	14.60	15.20	10.70	8.80	6.40
5/23/2015 18:45	14.50	14.70	10.80	8.80	5.90
5/23/2015 19:00	14.60	14.60	10.80	8.80	5.80
5/23/2015 19:15	14.50	14.80	10.70	9.00	5.80
5/23/2015 19:30	14.60	14.80	10.80	9.00	5.80
5/23/2015 19:45	14.50	14.80	10.70	9.00	5.80
5/23/2015 20:00	10.70	9.00	14.50	14.90	0.00
5/23/2015 20:15	14.60	15.00	10.70	9.10	5.90
5/23/2015 20:30	14.60	15.10	10.80	9.20	5.90
5/23/2015 20:45	14.60	15.00	10.80	9.20	5.80
5/23/2015 21:00	14.50	15.20	10.70	9.10	15.20
5/28/2015 10:45	15.00	12.50	10.80	8.40	15.00
5/28/2015 11:00	15.00	11.90	10.60	8.30	15.00
5/28/2015 11:15	10.60	8.20	14.80	10.50	-100000.00
5/28/2015 11:30	10.60	8.40	15.00	9.20	-100000.00
5/28/2015 11:45	10.60	8.10	15.00	5.70	-100000.00
5/28/2015 12:00	10.30	8.20	14.90	6.40	-100000.00
5/28/2015 12:15	15.00	7.30	10.10	8.10	15.00
5/28/2015 12:30	15.10	13.90	2.50	8.20	15.10
5/28/2015 12:45	1.70	8.40	15.20	14.00	-100000.00
5/28/2015 13:30	8.20	8.60	15.20	14.50	-100000.00
5/28/2015 13:45	15.20	5.80	8.00	8.60	7.20
5/28/2015 14:00	15.20	14.60	5.10	8.50	10.10
5/28/2015 14:15	14.60	14.30	0.30	8.60	14.30
5/28/2015 14:30	19.90	16.10	1.60	8.40	18.30
5/28/2015 14:45	2.10	6.60	2.60	8.70	4.00
5/28/2015 15:00	2.20	3.20	0.90	0.60	2.60
5/28/2015 15:15	2.10	2.60	1.10	0.50	2.10
5/28/2015 15:30	2.10	2.50	1.20	0.50	2.00
5/28/2015 15:45	1.90	2.60	0.70	0.80	1.90
5/28/2015 16:00	0.30	1.10	1.90	2.80	0.00
5/28/2015 16:15	1.90	2.70	1.10	1.00	1.70
5/28/2015 16:30	1.60	3.10	1.00	1.50	2.10
5/28/2015 16:45	1.70	2.60	1.40	2.10	0.00
5/28/2015 17:00	0.70	4.80	2.00	2.80	2.80
5/28/2015 17:15	1.00	2.80	2.10	2.70	0.70
5/28/2015 17:30	2.00	2.60	0.50	2.60	0.00
5/28/2015 17:45	1.30	2.80	1.80	3.00	1.00
5/28/2015 18:00	2.20	5.20	0.90	4.30	4.30
5/28/2015 18:15	6.60	23.40	2.60	3.80	20.80
5/28/2015 18:30	8.30	20.90	2.70	4.00	18.20
5/28/2015 18:45	1.00	2.60	3.90	17.60	0.00
5/28/2015 19:00	2.40	4.10	5.80	8.40	0.00
5/28/2015 19:15	10.50	13.20	1.90	3.00	11.30
5/28/2015 19:30	2.60	5.60	7.30	16.60	0.00
5/28/2015 19:45	2.10	27.90	8.60	12.30	19.30
5/28/2015 20:00	3.70	31.20	6.90	9.20	24.30
5/28/2015 20:15	17.00	21.30	6.30	8.50	15.00
5/28/2015 20:30	6.30	8.80	22.90	18.90	0.00
5/28/2015 20:45	24.90	27.60	6.90	10.40	20.70
5/28/2015 21:00	13.30	7.90	18.90	18.90	0.00
5/28/2015 21:15	21.30	16.70	34.10	8.40	12.90
5/28/2015 21:30	35.80	8.30	25.70	16.90	18.90
5/28/2015 21:45	27.70	7.20	20.60	15.00	12.70
5/28/2015 22:00	13.70	13.40	6.40	7.20	7.30
5/28/2015 22:15	23.20	5.70	12.00	12.30	11.20
5/28/2015 22:30	13.10	8.30	11.40	18.40	1.70
5/28/2015 22:45	9.90	8.90	8.70	18.10	1.20
5/28/2015 23:00	13.50	8.00	7.20	12.80	6.30
5/28/2015 23:15	10.40	6.70	7.30	6.30	4.10



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/28/2015 23:30	10.60	5.90	3.80	1.60	9.00
5/28/2015 23:45	20.00	16.90	3.60	0.90	19.10
5/29/2015 0:00	14.00	14.00	3.50	1.50	12.50
5/29/2015 0:15	12.20	6.90	2.80	2.30	9.90
5/29/2015 0:30	12.00	7.50	2.70	8.60	9.30
5/29/2015 0:45	3.10	5.50	10.80	7.30	0.00
5/29/2015 1:00	5.30	4.40	8.30	10.40	0.00
5/29/2015 1:15	7.60	14.10	3.90	6.50	10.20
5/29/2015 1:30	3.40	17.30	7.50	7.20	10.10
5/29/2015 1:45	7.90	7.20	4.40	14.40	3.50
5/29/2015 2:00	7.50	7.90	5.50	17.00	2.40
5/29/2015 2:15	3.80	16.20	5.10	16.30	11.10
5/29/2015 2:30	4.20	12.30	5.50	15.60	6.80
5/29/2015 2:45	4.60	12.50	3.80	10.60	8.70
5/29/2015 3:00	4.10	17.10	4.50	15.20	12.60
5/29/2015 3:15	4.30	13.90	3.90	10.70	10.00
5/29/2015 3:30	3.40	8.90	4.50	13.70	4.40
5/29/2015 3:45	5.20	15.10	3.80	15.70	11.30
5/29/2015 4:00	5.70	14.10	8.60	18.20	5.50
5/29/2015 4:15	11.20	13.40	7.30	13.90	6.10
5/29/2015 4:30	11.60	8.50	6.30	11.70	5.30
5/29/2015 4:45	11.20	7.80	5.70	12.00	5.50
5/29/2015 5:00	12.30	9.90	6.00	11.10	6.30
5/29/2015 5:15	12.70	10.90	7.60	13.30	5.10
5/29/2015 5:30	12.20	11.40	6.00	10.20	6.20
5/29/2015 5:45	13.60	13.90	5.70	10.20	8.20
5/29/2015 6:00	12.30	12.00	6.00	11.20	6.30
5/29/2015 6:15	11.90	12.50	6.00	13.00	6.50
5/29/2015 6:30	11.80	12.90	7.10	11.50	5.80
5/29/2015 6:45	12.10	12.40	5.50	11.30	6.90
5/29/2015 7:00	10.90	12.00	5.70	11.10	6.30
5/29/2015 7:15	11.30	11.80	5.60	10.70	6.20
5/29/2015 7:30	10.20	11.70	5.50	11.40	6.20
5/29/2015 7:45	10.50	11.10	5.60	11.70	5.50
5/29/2015 8:00	10.30	11.00	5.70	11.60	5.30
5/29/2015 8:15	10.10	10.50	5.80	10.30	4.70
5/29/2015 8:30	9.60	10.40	5.40	11.00	5.00
5/29/2015 8:45	9.20	10.40	5.70	10.80	4.70
5/29/2015 9:00	9.20	9.50	5.40	10.70	4.10
5/29/2015 9:15	9.10	8.70	5.70	10.60	3.40
5/29/2015 9:30	9.10	8.70	5.20	10.60	3.90
5/29/2015 9:45	5.00	10.20	8.40	8.50	1.80
5/29/2015 10:00	8.60	8.00	5.20	11.40	3.40
5/29/2015 10:15	8.00	7.70	5.50	10.50	2.50
5/29/2015 10:30	5.30	10.90	8.60	7.50	3.40
5/29/2015 10:45	5.00	9.90	8.50	8.10	1.80
5/29/2015 11:00	5.20	10.60	7.90	8.00	2.70
5/29/2015 11:15	8.00	7.00	4.90	9.10	3.10
5/29/2015 11:30	8.70	7.00	5.90	9.10	2.80
5/29/2015 11:45	16.60	9.30	7.50	7.20	9.40
5/29/2015 12:00	8.60	21.10	7.30	7.70	13.80
5/29/2015 12:15	18.70	7.80	7.70	6.80	11.90
5/29/2015 12:30	5.40	8.40	7.40	6.50	1.90
5/29/2015 12:45	13.40	36.50	7.40	6.60	29.90
5/29/2015 13:00	5.10	33.00	7.00	6.30	26.70
5/29/2015 13:15	4.20	13.50	7.00	15.10	6.50
5/29/2015 13:30	7.20	19.90	4.30	10.30	15.60
5/29/2015 13:45	3.60	10.80	7.40	32.60	3.40
5/29/2015 14:00	7.80	34.70	3.60	16.60	31.10
5/29/2015 14:15	10.90	9.80	8.20	23.80	2.70
5/29/2015 14:30	8.60	51.40	31.60	9.80	41.60
5/29/2015 14:45	21.80	27.00	7.70	31.20	19.30
5/29/2015 15:00	5.10	33.10	31.10	11.10	-100000.00
5/29/2015 15:15	11.00	5.80	5.90	31.40	5.10
5/29/2015 15:30	5.00	30.10	16.70	8.20	21.90
5/29/2015 15:45	2.90	33.10	4.20	20.80	0.00
5/29/2015 16:00	7.20	25.90	4.00	48.80	21.90
5/29/2015 16:15	6.20	22.60	4.60	43.10	18.00
5/29/2015 16:30	3.90	45.50	11.80	12.40	33.70
5/29/2015 16:45	3.40	70.60	3.00	9.90	67.60
5/29/2015 17:00	4.80	10.50	14.70	45.70	0.00
5/29/2015 17:15	9.30	42.00	8.30	9.80	33.70
5/29/2015 17:30	4.10	16.30	2.00	7.90	14.30
5/29/2015 17:45	3.30	8.20	3.10	30.80	5.10
5/29/2015 18:00	3.40	20.70	2.30	16.70	18.40
5/29/2015 18:15	5.80	31.20	1.40	20.70	29.80
5/29/2015 18:30	1.00	14.00	8.40	26.20	5.60
5/29/2015 18:45	1.70	9.70	10.00	22.40	0.00
5/29/2015 19:00	2.60	17.10	17.70	21.80	0.00
5/29/2015 19:15	4.30	15.40	42.50	32.60	0.00
5/29/2015 19:30	7.40	8.60	5.40	19.90	3.20
5/29/2015 19:45	2.70	54.10	3.00	25.90	51.10
5/29/2015 20:00	3.20	79.10	1.90	29.10	77.20
5/29/2015 20:15	25.50	15.20	17.10	6.60	18.90
5/29/2015 20:30	7.10	15.10	5.10	33.60	10.00
5/29/2015 20:45	23.70	27.90	2.90	38.30	25.00
5/29/2015 21:00	30.50	20.50	3.60	17.40	26.90
5/29/2015 21:15	31.00	24.70	3.10	41.40	27.90
5/29/2015 21:30	7.80	23.30	3.90	6.70	19.40



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/29/2015 21:45	21.30	27.40	4.20	6.90	23.20
5/29/2015 22:00	13.10	19.10	2.60	6.70	16.50
5/29/2015 22:15	21.30	22.30	2.80	6.90	19.50
5/29/2015 22:30	15.30	12.20	10.10	7.40	7.90
5/29/2015 22:45	23.40	16.40	2.30	21.60	21.10
5/29/2015 23:00	22.50	16.10	1.60	24.50	20.90
5/29/2015 23:15	8.10	46.20	2.70	17.40	43.50
5/29/2015 23:30	5.00	10.80	3.60	59.60	7.20
5/29/2015 23:45	4.70	13.40	5.40	27.50	8.00
5/30/2015 0:00	7.40	27.20	7.00	8.30	20.20
5/30/2015 0:15	10.80	26.30	20.90	8.60	17.70
5/30/2015 0:30	4.80	7.80	10.00	56.90	0.00
5/30/2015 0:45	7.30	49.70	13.70	9.80	39.90
5/30/2015 1:00	5.80	62.40	13.50	8.20	54.20
5/30/2015 1:15	6.40	50.10	21.00	15.00	35.10
5/30/2015 1:30	8.60	34.50	18.30	7.80	26.70
5/30/2015 1:45	22.20	40.80	15.00	7.70	33.10
5/30/2015 2:00	19.00	7.10	17.60	10.10	8.90
5/30/2015 2:15	19.30	6.40	5.00	12.30	14.30
5/30/2015 2:30	20.20	5.40	4.90	7.30	15.30
5/30/2015 2:45	5.40	42.30	6.20	7.10	36.10
5/30/2015 3:00	9.40	23.80	6.80	8.10	17.00
5/30/2015 3:15	5.70	51.00	6.30	4.70	46.30
5/30/2015 3:30	9.40	24.40	5.80	3.80	20.60
5/30/2015 3:45	3.10	25.30	6.80	3.90	21.40
5/30/2015 4:00	3.10	25.10	2.30	5.30	22.80
5/30/2015 4:15	3.30	25.00	3.30	4.60	21.70
5/30/2015 4:30	4.50	7.40	6.20	4.30	3.10
5/30/2015 4:45	7.60	4.00	4.30	22.20	3.30
5/30/2015 5:00	5.80	19.70	8.40	4.20	15.50
5/30/2015 5:15	5.00	8.50	9.50	4.10	4.40
5/30/2015 5:30	7.30	4.00	4.40	17.60	2.90
5/30/2015 5:45	4.90	6.80	6.70	3.90	2.90
5/30/2015 6:00	7.20	7.80	8.50	4.00	3.80
5/30/2015 6:15	6.40	7.40	5.80	4.90	2.50
5/30/2015 6:30	5.30	6.90	5.20	4.90	2.00
5/30/2015 6:45	7.10	4.90	5.30	4.80	2.30
5/30/2015 7:00	4.80	7.10	5.30	4.50	2.60
5/30/2015 7:15	3.90	11.70	5.00	4.70	7.00
5/30/2015 7:30	4.20	8.20	7.10	4.70	3.50
5/30/2015 7:45	4.30	6.60	6.60	4.70	1.90
5/30/2015 8:00	4.50	6.90	5.00	4.90	2.00
5/30/2015 8:15	3.70	9.00	5.00	5.30	4.00
5/30/2015 8:30	4.90	5.70	4.30	6.90	1.40
5/30/2015 8:45	4.10	6.70	5.10	6.00	1.60
5/30/2015 9:00	4.10	6.30	5.00	5.70	1.30
5/30/2015 9:15	4.00	7.00	4.90	5.80	2.10
5/30/2015 9:30	3.80	6.60	4.90	7.50	1.70
5/30/2015 9:45	5.80	7.40	3.50	7.50	3.90
5/30/2015 10:00	6.50	8.70	4.60	6.30	4.10
5/30/2015 10:15	7.10	8.40	4.50	7.40	3.90
5/30/2015 10:30	3.10	6.50	6.90	9.00	0.00
5/30/2015 10:45	3.40	5.00	7.60	8.80	0.00
5/30/2015 11:00	3.30	5.40	7.90	8.90	0.00
5/30/2015 11:15	3.40	5.00	8.00	8.30	0.00
5/30/2015 11:30	25.50	6.80	8.70	8.50	17.00
5/30/2015 11:45	4.40	13.20	7.40	8.10	5.80
5/30/2015 12:00	10.30	36.20	7.40	7.40	28.80
5/30/2015 12:15	12.40	9.90	7.80	6.80	5.60
5/30/2015 12:30	8.10	6.70	13.00	10.30	0.00
5/30/2015 12:45	8.20	13.10	7.60	10.40	5.50
5/30/2015 13:00	6.30	9.80	15.80	12.30	0.00
5/30/2015 13:15	4.20	7.50	13.80	17.40	7.50
5/30/2015 13:30	21.60	17.20	19.50	44.70	2.10
5/30/2015 13:45	42.10	11.60	13.40	27.70	28.70
5/30/2015 14:00	106.20	61.80	7.40	12.90	98.80
5/30/2015 14:15	16.20	14.80	6.30	13.40	9.90
5/30/2015 14:30	41.50	37.40	6.00	11.70	-100000.00
5/30/2015 14:45	31.90	26.70	15.60	32.90	-100000.00
5/30/2015 15:00	29.40	30.00	18.30	37.20	-100000.00
5/30/2015 15:15	29.30	26.50	11.50	28.40	-100000.00
5/30/2015 15:30	25.30	22.60	10.80	26.20	-100000.00
5/30/2015 15:45	10.10	23.10	19.50	17.20	23.10
5/30/2015 16:00	16.30	16.20	11.10	25.80	-100000.00
5/30/2015 16:15	11.00	26.40	15.10	14.70	26.40
5/30/2015 16:30	10.80	25.00	14.20	14.00	25.00
5/30/2015 16:45	12.70	12.40	12.60	27.00	-100000.00
5/30/2015 17:00	12.00	29.50	11.90	12.20	29.50
5/30/2015 17:15	17.90	33.40	11.50	11.60	33.40
5/30/2015 17:30	16.90	35.80	12.30	12.10	35.80
5/30/2015 17:45	13.90	34.70	13.40	13.50	34.70
5/30/2015 18:00	14.00	15.30	12.40	30.00	-100000.00
5/30/2015 18:15	14.60	16.40	12.50	30.50	-100000.00
5/30/2015 18:30	16.20	17.00	12.20	28.40	-100000.00
5/30/2015 18:45	15.50	16.30	11.00	25.30	-100000.00
5/30/2015 19:00	9.90	22.30	16.70	17.20	22.30
5/30/2015 19:15	9.50	21.90	17.30	17.30	21.90
5/30/2015 19:30	17.60	17.60	9.90	22.10	-100000.00
5/30/2015 19:45	9.30	22.20	22.70	22.20	22.20



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/30/2015 20:00	28.30	27.60	9.20	20.80	-100000.00
5/30/2015 20:15	9.10	21.40	31.90	31.80	21.40
5/30/2015 20:30	8.90	20.60	30.80	30.50	20.60
5/30/2015 20:45	29.10	29.90	8.20	18.30	-100000.00
5/30/2015 21:00	7.80	16.80	31.30	30.10	16.80
5/30/2015 21:15	31.40	30.60	7.90	18.40	-100000.00
5/30/2015 21:30	7.70	17.20	34.80	32.90	17.20
5/30/2015 21:45	33.40	31.50	7.70	17.80	-100000.00
5/30/2015 22:00	7.90	17.20	26.40	24.10	17.20
5/30/2015 22:15	15.90	18.80	8.40	18.60	-100000.00
5/30/2015 22:30	15.30	15.30	8.70	19.80	-100000.00
5/30/2015 22:45	8.70	14.80	16.10	16.90	14.80
5/30/2015 23:00	15.90	16.40	8.20	14.50	-100000.00
5/30/2015 23:15	17.40	17.30	8.50	17.20	-100000.00
5/30/2015 23:30	18.20	18.60	8.10	15.80	-100000.00
5/30/2015 23:45	19.10	19.00	7.80	15.00	-100000.00
5/31/2015 0:00	8.60	13.70	18.90	19.20	13.70
5/31/2015 0:15	17.60	17.60	9.50	22.70	-100000.00
5/31/2015 0:30	10.60	21.00	17.90	17.50	21.00
5/31/2015 0:45	18.80	18.20	9.30	21.90	-100000.00
5/31/2015 1:00	17.20	16.20	10.20	24.30	-100000.00
5/31/2015 1:15	21.40	18.40	10.20	23.30	-100000.00
5/31/2015 1:30	21.40	20.00	10.20	23.10	-100000.00
5/31/2015 1:45	19.20	18.70	10.10	23.80	-100000.00
5/31/2015 2:00	9.90	24.50	17.80	17.60	24.50
5/31/2015 2:15	18.70	17.70	10.40	24.60	-100000.00
5/31/2015 2:30	19.50	19.20	10.20	21.20	-100000.00
5/31/2015 2:45	18.90	18.20	9.90	22.60	-100000.00
5/31/2015 3:00	17.20	16.10	9.50	22.50	-100000.00
5/31/2015 3:15	9.60	23.20	16.30	16.00	23.20
5/31/2015 3:30	16.90	16.80	9.80	22.80	-100000.00
5/31/2015 3:45	9.50	21.90	16.20	16.10	21.90
5/31/2015 4:00	8.40	19.70	17.30	16.80	19.70
5/31/2015 4:15	19.60	19.00	8.90	20.70	-100000.00
5/31/2015 4:30	9.60	21.50	24.30	21.30	21.50
5/31/2015 4:45	9.70	22.20	20.50	18.00	22.20
5/31/2015 5:00	17.60	14.90	9.00	20.60	-100000.00
5/31/2015 5:15	23.40	16.80	8.90	20.40	-100000.00
5/31/2015 5:30	21.10	16.80	9.10	19.30	-100000.00
5/31/2015 5:45	10.20	19.80	23.00	19.00	19.80
5/31/2015 6:00	19.00	16.50	9.10	20.70	-100000.00
5/31/2015 6:15	9.30	20.60	14.60	14.40	20.60
5/31/2015 6:30	9.50	21.70	24.20	18.70	21.70
5/31/2015 6:45	9.50	18.50	18.50	12.30	18.50
5/31/2015 7:00	21.60	13.30	8.50	18.80	-100000.00
5/31/2015 7:15	8.20	18.00	17.30	13.90	18.00
5/31/2015 7:30	14.70	17.80	7.80	17.80	-100000.00
5/31/2015 7:45	8.50	18.30	14.30	12.70	18.30
5/31/2015 8:00	14.00	12.10	7.90	17.10	-100000.00
5/31/2015 8:15	7.80	16.50	12.80	12.30	16.50
5/31/2015 8:30	14.20	12.40	6.70	13.90	-100000.00
5/31/2015 8:45	16.30	22.70	10.50	29.10	-100000.00
5/31/2015 9:00	9.00	23.20	13.50	11.80	23.20
5/31/2015 9:15	15.60	39.20	13.90	12.20	39.20
5/31/2015 9:30	17.50	35.30	14.10	15.30	35.30
5/31/2015 9:45	14.70	14.80	15.40	35.20	-100000.00
5/31/2015 10:00	15.90	19.00	13.60	22.90	-100000.00
5/31/2015 10:15	21.10	19.60	11.20	23.00	-100000.00
5/31/2015 10:30	10.50	23.80	22.00	17.80	23.80
5/31/2015 10:45	10.20	20.60	19.80	15.60	20.60
5/31/2015 11:00	9.60	16.80	20.00	14.10	16.80
5/31/2015 11:15	7.70	15.90	16.40	15.70	15.90
5/31/2015 11:30	18.60	14.40	8.50	14.50	-100000.00
5/31/2015 11:45	14.80	13.30	7.90	15.10	-100000.00
5/31/2015 12:00	15.10	13.50	8.10	15.70	-100000.00
5/31/2015 12:15	8.20	15.60	16.60	16.70	15.60
5/31/2015 12:30	10.70	11.40	26.20	19.50	11.40
5/31/2015 12:45	42.30	37.00	8.60	22.40	-100000.00
5/31/2015 13:00	48.10	32.20	8.50	20.20	-100000.00
5/31/2015 13:15	7.20	18.40	43.80	30.40	18.40
5/31/2015 13:30	7.10	15.40	37.80	25.50	15.40
5/31/2015 13:45	49.30	26.00	7.50	15.60	-100000.00
5/31/2015 14:00	7.20	11.90	60.50	22.90	11.90
5/31/2015 14:15	7.40	13.90	50.60	23.10	13.90
5/31/2015 14:30	6.50	13.10	45.40	20.60	13.10
5/31/2015 14:45	47.20	21.90	6.90	14.00	-100000.00
5/31/2015 15:00	68.80	40.60	7.60	12.40	-100000.00
5/31/2015 15:15	75.80	42.30	6.70	11.10	-100000.00
5/31/2015 15:30	68.20	38.80	6.60	12.10	-100000.00
5/31/2015 15:45	46.30	33.10	6.60	12.60	-100000.00
5/31/2015 16:00	50.10	22.90	6.80	13.60	-100000.00
5/31/2015 16:15	51.80	22.90	7.10	13.20	-100000.00
5/31/2015 16:30	57.10	22.00	6.60	14.20	-100000.00
5/31/2015 16:45	61.70	22.00	7.10	15.20	-100000.00
5/31/2015 17:00	78.00	54.80	6.60	14.60	-100000.00
5/31/2015 17:15	87.40	59.60	7.10	14.60	-100000.00
5/31/2015 17:30	6.60	14.90	67.80	61.90	14.90
5/31/2015 17:45	58.20	50.30	7.30	14.70	-100000.00
5/31/2015 18:00	7.20	15.00	41.70	45.80	15.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/31/2015 18:15	7.20	15.20	34.50	29.30	15.20
5/31/2015 18:30	6.70	13.60	20.70	28.90	13.60
5/31/2015 18:45	16.30	13.10	7.20	15.30	-100000.00
5/31/2015 19:00	7.70	14.80	72.90	56.70	14.80
5/31/2015 19:15	50.90	57.00	7.20	15.30	-100000.00
5/31/2015 19:30	7.10	16.30	15.00	29.30	16.30
5/31/2015 19:45	7.30	16.90	14.30	13.90	16.90
5/31/2015 20:00	13.50	14.10	7.50	15.80	-100000.00
5/31/2015 20:15	12.60	12.70	7.40	16.10	-100000.00
5/31/2015 20:30	7.40	14.10	13.20	12.20	14.10
5/31/2015 20:45	12.40	10.60	7.20	14.80	-100000.00
5/31/2015 21:00	10.20	9.60	6.80	13.90	-100000.00
5/31/2015 21:15	7.20	12.80	12.20	10.80	12.80
5/31/2015 21:30	19.60	14.50	7.20	12.90	-100000.00
5/31/2015 21:45	16.40	13.20	6.90	11.10	-100000.00
5/31/2015 22:00	17.00	12.10	7.00	9.50	-100000.00
5/31/2015 22:15	7.00	10.20	16.10	11.30	10.20
5/31/2015 22:30	15.80	11.00	6.60	9.90	-100000.00
5/31/2015 22:45	14.50	11.90	7.00	9.10	-100000.00
5/31/2015 23:00	7.20	10.70	13.00	10.30	10.70
5/31/2015 23:15	13.10	9.90	7.50	10.90	-100000.00
5/31/2015 23:30	7.60	12.90	12.90	10.60	12.90
5/31/2015 23:45	11.90	10.30	7.40	10.50	-100000.00
6/1/2015 0:00	12.20	10.50	7.00	8.10	-100000.00
6/1/2015 0:15	7.30	11.10	11.70	9.80	11.10
6/1/2015 0:30	11.40	9.40	7.60	14.40	-100000.00
6/1/2015 0:45	11.10	11.00	7.30	15.30	-100000.00
6/1/2015 1:00	11.10	9.00	7.70	8.30	-100000.00
6/1/2015 1:15	7.50	8.00	11.40	9.70	8.00
6/1/2015 1:30	10.90	9.70	7.20	7.20	-100000.00
6/1/2015 1:45	7.10	7.90	10.10	10.30	7.90
6/1/2015 2:00	7.30	7.60	9.50	10.40	7.60
6/1/2015 2:15	9.50	10.20	7.10	7.30	-100000.00
6/1/2015 2:30	8.60	10.90	7.10	7.40	-100000.00
6/1/2015 2:45	6.70	11.90	9.70	11.00	11.90
6/1/2015 3:00	9.80	11.20	6.20	10.70	-100000.00
6/1/2015 3:15	9.20	11.50	7.00	7.70	-100000.00
6/1/2015 3:30	9.50	11.30	6.80	7.50	-100000.00
6/1/2015 3:45	9.00	11.30	6.70	7.30	-100000.00
6/1/2015 4:00	8.80	12.00	7.00	7.30	-100000.00
6/1/2015 4:15	8.90	10.90	6.80	7.90	-100000.00
6/1/2015 4:30	6.70	7.90	12.90	11.20	7.90
6/1/2015 4:45	8.40	11.20	6.90	7.50	-100000.00
6/1/2015 5:00	7.00	11.10	6.90	7.20	-100000.00
6/1/2015 5:15	7.50	11.40	6.60	7.50	-100000.00
6/1/2015 5:30	7.20	11.20	6.40	7.50	-100000.00
6/1/2015 5:45	6.50	7.10	7.50	11.10	7.10
6/1/2015 6:00	8.20	10.90	6.30	7.20	-100000.00
6/1/2015 6:15	7.40	11.00	6.30	7.00	-100000.00
6/1/2015 6:30	8.10	10.90	6.50	6.80	-100000.00
6/1/2015 6:45	7.20	10.10	5.80	7.00	-100000.00
6/1/2015 7:00	6.30	7.10	7.20	9.60	7.10
6/1/2015 7:15	9.20	9.40	6.40	7.00	-100000.00
6/1/2015 7:30	8.60	10.20	6.40	6.80	-100000.00
6/1/2015 7:45	6.50	6.70	7.20	10.00	6.70
6/1/2015 8:00	6.30	6.70	6.90	9.90	6.70
6/1/2015 8:15	6.90	9.70	5.20	7.40	-100000.00
6/1/2015 8:30	6.50	9.10	6.30	7.40	-100000.00
6/1/2015 8:45	5.00	7.30	6.10	9.00	7.30
6/1/2015 9:00	4.40	7.60	6.20	9.30	7.60
6/1/2015 9:15	6.40	9.20	5.70	7.80	-100000.00
6/1/2015 9:30	7.40	8.50	6.90	8.70	-100000.00
6/1/2015 9:45	7.80	8.10	4.80	9.00	-100000.00
6/1/2015 10:00	6.90	8.30	4.90	8.10	-100000.00
6/1/2015 10:15	6.30	8.40	4.30	6.50	-100000.00
6/1/2015 10:30	8.70	8.50	4.50	6.20	-100000.00
6/1/2015 10:45	4.30	6.40	7.20	8.60	6.40
6/1/2015 11:00	3.70	5.50	6.30	8.80	5.50
6/1/2015 11:15	7.50	8.20	4.50	7.90	-100000.00
6/1/2015 11:30	6.20	8.00	6.50	10.80	-100000.00
6/1/2015 11:45	6.10	8.00	5.70	10.10	-100000.00
6/1/2015 12:00	6.40	7.50	4.10	7.40	-100000.00
6/1/2015 12:15	4.60	6.90	6.50	7.60	6.90
6/1/2015 12:30	3.90	6.70	7.30	7.50	6.70
6/1/2015 12:45	3.80	6.40	7.20	7.60	6.40
6/1/2015 13:00	6.80	7.90	3.90	6.20	-100000.00
6/1/2015 13:15	4.00	6.10	9.20	7.10	6.10
6/1/2015 13:30	9.00	8.00	4.10	5.30	-100000.00
6/1/2015 13:45	3.70	5.30	42.00	18.50	5.30
6/1/2015 14:00	64.10	15.30	3.70	5.50	-100000.00
6/1/2015 14:15	4.50	5.40	61.90	7.50	5.40
6/1/2015 14:30	56.00	6.70	4.20	5.70	-100000.00
6/1/2015 14:45	3.50	5.60	45.10	7.10	5.60
6/1/2015 15:00	3.90	5.60	48.70	9.20	5.60
6/1/2015 15:15	3.60	6.20	49.50	7.40	6.20
6/1/2015 15:30	4.00	6.30	50.90	10.60	6.30
6/1/2015 15:45	4.10	6.40	12.80	35.90	6.40
6/1/2015 16:00	43.80	19.80	4.60	6.10	-100000.00
6/1/2015 16:15	3.30	5.70	39.20	18.10	5.70



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/1/2015 16:30	4.40	5.50	29.60	16.10	5.50
6/1/2015 16:45	6.50	5.60	31.40	19.40	6.50
6/1/2015 17:00	7.50	7.80	32.20	30.00	7.80
6/1/2015 17:15	37.90	32.40	4.20	6.50	-100000.00
6/1/2015 17:30	3.70	6.40	41.70	21.30	6.40
6/1/2015 17:45	41.60	14.20	3.70	6.30	-100000.00
6/1/2015 18:00	56.50	10.30	3.90	6.10	-100000.00
6/1/2015 18:15	53.30	9.90	3.80	6.80	-100000.00
6/1/2015 18:30	3.90	6.40	54.00	11.30	6.40
6/1/2015 18:45	3.70	6.20	78.40	23.40	6.20
6/1/2015 19:00	83.50	16.60	3.60	6.40	-100000.00
6/1/2015 19:15	95.20	12.20	3.90	6.30	-100000.00
6/1/2015 19:30	4.60	6.40	51.20	13.40	6.40
6/1/2015 19:45	31.90	13.70	4.00	6.00	-100000.00
6/1/2015 20:00	29.60	14.20	21.00	33.70	-100000.00
6/1/2015 20:15	13.90	20.60	20.20	13.10	20.60
6/1/2015 20:30	14.20	12.50	9.50	20.30	-100000.00
6/1/2015 20:45	10.60	18.70	21.90	11.30	18.70
6/1/2015 21:00	23.40	11.70	12.70	16.20	-100000.00
6/1/2015 21:15	5.90	12.60	25.80	17.20	12.60
6/1/2015 21:30	48.30	15.40	6.90	10.20	-100000.00
6/1/2015 21:45	50.40	17.80	5.60	11.50	-100000.00
6/1/2015 22:00	54.60	19.40	6.00	9.90	-100000.00
6/1/2015 22:15	51.20	15.40	4.80	8.70	-100000.00
6/1/2015 22:30	41.70	14.20	4.50	8.70	-100000.00
6/1/2015 22:45	32.30	13.60	4.70	9.50	-100000.00
6/1/2015 23:00	28.80	17.80	4.40	8.90	-100000.00
6/1/2015 23:15	32.80	12.10	4.60	8.80	-100000.00
6/1/2015 23:30	34.00	13.40	4.50	10.30	-100000.00
6/1/2015 23:45	32.60	11.80	4.60	8.90	-100000.00
6/2/2015 0:00	27.90	9.10	4.90	9.00	-100000.00
6/2/2015 0:15	24.90	11.10	4.90	10.00	-100000.00
6/2/2015 0:30	4.60	8.60	24.90	7.10	8.60
6/2/2015 0:45	35.30	7.30	5.00	8.60	-100000.00
6/2/2015 1:00	4.60	8.50	25.10	12.00	8.50
6/2/2015 1:15	21.90	13.20	4.60	9.20	-100000.00
6/2/2015 1:30	5.50	9.50	20.40	12.00	9.50
6/2/2015 1:45	5.00	7.90	21.10	14.80	7.90
6/2/2015 2:00	21.10	14.30	4.70	8.10	-100000.00
6/2/2015 2:15	22.40	11.50	4.40	8.40	-100000.00
6/2/2015 2:30	4.50	7.60	21.60	11.70	7.60
6/2/2015 2:45	21.00	9.60	5.10	7.20	-100000.00
6/2/2015 3:00	22.60	9.60	4.40	7.70	-100000.00
6/2/2015 3:15	21.70	8.60	5.10	9.20	-100000.00
6/2/2015 3:30	19.60	8.50	5.00	8.90	-100000.00
6/2/2015 3:45	17.50	7.50	5.30	9.00	-100000.00
6/2/2015 4:00	16.70	7.60	5.60	8.70	-100000.00
6/2/2015 4:15	6.00	8.50	17.00	7.60	8.50
6/2/2015 4:30	15.60	7.60	5.90	8.90	-100000.00
6/2/2015 4:45	14.10	7.40	6.20	7.80	-100000.00
6/2/2015 5:00	5.60	8.20	14.40	7.10	8.20
6/2/2015 5:15	5.60	7.90	13.70	7.50	7.90
6/2/2015 5:30	5.50	8.10	12.80	9.10	8.10
6/2/2015 5:45	12.40	9.60	5.40	8.00	-100000.00
6/2/2015 6:00	5.70	8.10	13.40	7.70	8.10
6/2/2015 6:15	5.70	7.30	13.50	7.60	7.30
6/2/2015 6:30	11.90	11.40	5.60	7.80	-100000.00
6/2/2015 6:45	5.60	7.90	12.30	7.40	7.90
6/2/2015 7:00	5.40	8.00	10.90	7.20	8.00
6/2/2015 7:15	5.10	7.70	10.70	7.30	7.70
6/2/2015 7:30	10.60	7.30	5.70	7.50	-100000.00
6/2/2015 7:45	5.50	7.60	9.50	7.20	7.60
6/2/2015 8:00	5.10	7.10	9.60	6.90	7.10
6/2/2015 8:15	5.30	7.80	8.20	5.30	7.80
6/2/2015 8:30	4.80	8.20	7.20	5.80	8.20
6/2/2015 8:45	7.60	7.50	4.80	9.00	-100000.00
6/2/2015 9:00	5.20	6.40	7.40	6.00	6.40
6/2/2015 9:15	7.90	5.80	5.50	7.30	-100000.00
6/2/2015 9:30	5.40	7.90	7.40	5.10	7.90
6/2/2015 9:45	5.30	7.80	6.90	6.20	7.80
6/2/2015 10:00	6.80	7.00	5.50	7.70	-100000.00
6/2/2015 10:15	5.10	7.60	6.20	5.50	7.60
6/2/2015 10:30	6.50	6.20	4.90	8.40	-100000.00
6/2/2015 10:45	5.00	8.60	6.70	6.70	8.60
6/2/2015 11:00	7.20	6.50	4.90	7.60	-100000.00
6/2/2015 11:15	4.90	7.50	8.60	16.00	7.50
6/2/2015 11:30	17.70	7.00	4.60	7.30	-100000.00
6/2/2015 11:45	10.10	6.50	9.30	7.20	-100000.00
6/2/2015 12:00	9.20	31.00	12.40	7.40	-100000.00
6/2/2015 12:15	15.20	14.10	6.50	7.50	-100000.00
6/2/2015 12:30	4.40	8.10	15.20	9.30	8.10
6/2/2015 12:45	13.40	6.10	9.30	7.40	-100000.00
6/2/2015 13:00	13.20	6.20	5.00	8.30	-100000.00
6/2/2015 13:15	11.40	47.60	5.30	7.60	-100000.00
6/2/2015 13:30	11.40	8.10	5.80	7.00	-100000.00
6/2/2015 13:45	13.70	13.50	6.70	6.00	-100000.00
6/2/2015 14:00	11.40	26.70	5.20	6.40	-100000.00
6/2/2015 14:15	5.00	6.80	10.40	5.60	6.80
6/2/2015 14:30	4.90	7.30	11.40	22.30	7.30



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/2/2015 14:45	4.00	7.20	13.20	24.90	7.20
6/2/2015 15:00	4.00	6.60	23.90	28.20	6.60
6/2/2015 15:15	4.70	8.20	24.20	24.70	8.20
6/2/2015 15:30	16.60	23.10	4.50	6.00	-100000.00
6/2/2015 15:45	18.20	13.00	7.70	5.20	-100000.00
6/2/2015 16:00	16.70	18.40	7.10	6.20	-100000.00
6/2/2015 16:15	28.30	14.60	7.20	5.10	-100000.00
6/2/2015 16:30	25.70	20.20	6.50	5.10	-100000.00
6/2/2015 16:45	12.70	26.90	9.00	6.60	-100000.00
6/2/2015 17:00	9.50	6.60	12.60	28.60	9.50
6/2/2015 17:15	14.80	25.20	14.90	5.60	-100000.00
6/2/2015 17:30	13.40	6.30	12.70	29.30	13.40
6/2/2015 17:45	12.20	28.80	6.50	7.00	-100000.00
6/2/2015 18:00	9.70	25.60	8.30	6.30	-100000.00
6/2/2015 18:15	9.50	22.70	5.60	7.50	-100000.00
6/2/2015 18:30	13.70	21.10	7.00	31.40	-100000.00
6/2/2015 18:45	10.50	10.50	12.60	21.10	10.50
6/2/2015 19:00	8.30	8.30	16.60	23.20	8.30
6/2/2015 19:15	16.40	19.40	8.20	8.80	-100000.00
6/2/2015 19:30	16.50	21.70	11.10	14.40	-100000.00
6/2/2015 19:45	14.00	8.50	28.60	20.20	14.00
6/2/2015 20:00	10.50	7.70	21.80	19.40	10.50
6/2/2015 20:15	9.90	9.70	25.70	8.00	9.90
6/2/2015 20:30	10.00	8.40	23.50	8.60	10.00
6/2/2015 20:45	14.70	7.90	25.70	7.70	14.70
6/2/2015 21:00	25.50	8.60	19.80	7.80	-100000.00
6/2/2015 21:15	16.30	7.20	22.50	10.00	16.30
6/2/2015 21:30	10.20	10.80	17.40	10.30	10.80
6/2/2015 21:45	10.80	16.50	13.80	10.00	16.50
6/2/2015 22:00	8.70	11.90	10.90	9.10	11.90
6/2/2015 22:15	26.50	10.50	13.50	10.20	26.50
6/2/2015 22:30	22.30	12.80	10.30	10.40	22.30
6/2/2015 22:45	9.70	10.10	10.70	11.80	-100000.00
6/2/2015 23:00	13.10	11.30	8.40	6.90	13.10
6/2/2015 23:15	19.00	10.80	11.80	7.80	19.00
6/2/2015 23:30	25.70	9.80	7.00	10.30	25.70
6/2/2015 23:45	6.20	10.30	10.50	6.30	10.30
6/3/2015 0:00	23.30	10.70	29.50	9.40	23.30
6/3/2015 0:15	23.20	10.20	14.50	7.70	23.20
6/3/2015 0:30	22.30	9.50	21.90	7.70	22.30
6/3/2015 0:45	24.60	9.50	14.40	7.70	24.60
6/3/2015 1:00	24.80	11.40	8.50	7.60	24.80
6/3/2015 1:15	21.50	11.10	8.50	7.80	21.50
6/3/2015 1:30	19.00	11.30	14.20	8.40	19.00
6/3/2015 1:45	13.90	12.00	12.70	9.70	13.90
6/3/2015 2:00	13.70	18.40	11.50	10.80	18.40
6/3/2015 2:15	10.80	15.40	9.50	8.40	15.40
6/3/2015 2:30	4.60	11.20	9.30	8.00	11.20
6/3/2015 2:45	18.10	12.20	9.40	8.10	18.10
6/3/2015 3:00	7.30	64.10	8.80	11.20	64.10
6/3/2015 3:15	12.40	10.90	9.00	13.20	12.40
6/3/2015 3:30	12.60	10.80	18.20	13.80	-100000.00
6/3/2015 3:45	18.90	11.90	12.20	12.80	18.90
6/3/2015 4:00	15.80	17.90	11.50	12.00	17.90
6/3/2015 4:15	6.70	17.00	11.00	10.60	17.00
6/3/2015 4:30	13.60	26.70	12.60	13.50	26.70
6/3/2015 4:45	10.50	24.30	13.00	13.70	24.30
6/3/2015 5:00	12.10	26.20	11.70	14.00	26.20
6/3/2015 5:15	5.80	25.60	10.90	13.00	25.60
6/3/2015 5:30	6.10	21.90	9.90	12.70	21.90
6/3/2015 5:45	6.70	21.40	9.20	12.80	21.40
6/3/2015 6:00	8.50	19.90	8.00	12.20	19.90
6/3/2015 6:15	7.70	12.70	13.20	22.30	-100000.00
6/3/2015 6:30	13.40	18.70	8.80	11.20	18.70
6/3/2015 6:45	9.40	11.10	11.10	20.70	-100000.00
6/3/2015 7:00	11.10	21.50	7.70	11.10	21.50
6/3/2015 7:15	15.40	14.30	8.80	11.10	15.40
6/3/2015 7:30	8.00	10.70	13.70	11.70	-100000.00
6/3/2015 7:45	6.40	11.50	12.80	14.20	-100000.00
6/3/2015 8:00	10.80	12.90	6.10	11.50	12.90
6/3/2015 8:15	7.80	23.00	6.30	10.60	23.00
6/3/2015 8:30	6.60	10.80	8.30	27.00	-100000.00
6/3/2015 8:45	7.50	23.20	6.00	10.70	23.20
6/3/2015 9:00	7.70	11.00	5.60	32.30	-100000.00
6/3/2015 9:15	9.20	10.60	4.90	24.60	-100000.00
6/3/2015 9:30	4.50	31.20	8.20	11.00	31.20
6/3/2015 9:45	4.20	12.50	8.60	10.20	12.50
6/3/2015 10:00	4.50	10.50	8.20	10.80	10.50
6/3/2015 10:15	4.30	14.00	7.20	11.00	14.00
6/3/2015 10:30	4.40	14.60	6.60	10.70	14.60
6/3/2015 10:45	7.10	9.70	4.70	16.20	-100000.00
6/3/2015 11:00	4.50	11.20	5.70	9.90	11.20
6/3/2015 11:15	4.20	7.70	5.10	10.80	7.70
6/3/2015 11:30	6.00	12.20	4.20	9.30	-100000.00
6/3/2015 11:45	4.00	11.00	6.30	10.40	11.00
6/3/2015 12:00	3.80	9.30	11.10	12.60	9.30
6/3/2015 12:15	18.00	29.00	5.20	70.00	-100000.00
6/3/2015 12:30	7.10	15.70	11.90	17.40	15.70
6/3/2015 12:45	7.60	12.80	16.50	18.10	12.80



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/3/2015 13:00	14.50	13.80	17.30	49.60	14.50
6/3/2015 13:15	23.90	24.10	33.70	50.10	24.10
6/3/2015 13:30	41.00	39.20	17.30	14.70	-100000.00
6/3/2015 13:45	43.00	41.70	20.70	13.70	-100000.00
6/3/2015 14:00	60.30	42.10	19.30	16.20	-100000.00
6/3/2015 14:15	52.80	45.50	8.30	20.30	-100000.00
6/3/2015 14:30	60.50	47.90	8.50	17.20	-100000.00
6/3/2015 14:45	13.40	14.70	53.00	55.50	14.70
6/3/2015 15:00	57.60	53.40	14.50	21.90	-100000.00
6/3/2015 15:15	15.50	19.30	64.80	25.70	19.30
6/3/2015 15:30	72.40	22.80	16.60	13.70	-100000.00
6/3/2015 15:45	14.40	15.40	59.50	14.10	15.40
6/3/2015 16:00	9.20	12.60	53.90	13.70	12.60
6/3/2015 16:15	48.40	37.80	27.80	13.00	-100000.00
6/3/2015 16:30	35.90	69.50	30.30	34.60	69.50
6/3/2015 16:45	38.20	12.70	41.60	30.00	38.20
6/3/2015 17:00	17.60	41.80	47.50	63.00	-100000.00
6/3/2015 17:15	19.40	36.60	27.50	42.50	-100000.00
6/3/2015 17:30	30.90	32.60	18.60	35.70	32.60
6/3/2015 17:45	16.60	100.60	17.60	24.50	100.60
6/3/2015 18:00	8.60	43.90	18.20	26.60	43.90
6/3/2015 18:15	18.80	20.20	6.40	43.80	-100000.00
6/3/2015 18:30	5.50	85.10	6.80	30.50	85.10
6/3/2015 18:45	7.50	28.10	5.20	42.60	-100000.00
6/3/2015 19:00	6.80	29.90	6.10	46.30	-100000.00
6/3/2015 19:15	5.30	30.50	7.60	31.80	30.50
6/3/2015 19:30	4.70	38.80	22.30	40.70	38.80
6/3/2015 19:45	7.40	26.30	26.20	32.60	26.30
6/3/2015 20:00	16.00	10.30	36.80	27.20	16.00
6/3/2015 20:15	4.50	39.50	23.20	57.50	39.50
6/3/2015 20:30	9.10	41.80	10.40	31.20	-100000.00
6/3/2015 20:45	7.40	49.60	9.00	26.70	49.60
6/3/2015 21:00	13.00	14.60	22.30	30.10	14.60
6/3/2015 21:15	20.70	33.10	4.50	36.70	-100000.00
6/3/2015 21:30	11.00	10.80	20.90	42.90	11.00
6/3/2015 21:45	11.50	14.30	44.70	17.70	14.30
6/3/2015 22:00	9.50	13.90	56.80	20.90	13.90
6/3/2015 22:15	52.00	25.40	12.50	17.10	-100000.00
6/3/2015 22:30	10.10	20.30	56.00	23.60	20.30
6/3/2015 22:45	14.60	22.60	41.90	33.50	22.60
6/3/2015 23:00	18.40	13.90	36.40	26.80	18.40
6/3/2015 23:15	33.80	45.10	5.80	15.30	-100000.00
6/3/2015 23:30	10.90	12.10	48.70	10.60	12.10
6/3/2015 23:45	43.70	8.80	18.30	11.30	-100000.00
6/4/2015 0:00	19.50	33.60	30.20	27.60	33.60
6/4/2015 0:15	15.90	21.40	44.20	8.80	21.40
6/4/2015 0:30	12.50	18.60	45.50	9.00	18.60
6/4/2015 0:45	38.60	42.30	19.50	32.70	-100000.00
6/4/2015 1:00	12.30	18.30	18.70	19.70	18.30
6/4/2015 1:15	38.30	12.20	14.70	12.80	-100000.00
6/4/2015 1:30	22.30	10.40	15.30	25.70	-100000.00
6/4/2015 1:45	14.50	28.20	21.20	9.10	28.20
6/4/2015 2:00	15.10	43.70	32.10	18.70	43.70
6/4/2015 2:15	37.70	21.80	21.70	47.40	-100000.00
6/4/2015 2:30	37.20	17.50	18.20	30.80	-100000.00
6/4/2015 2:45	7.50	25.20	21.00	15.30	25.20
6/4/2015 3:00	7.20	18.30	32.10	18.30	18.30
6/4/2015 3:15	7.00	26.60	37.50	20.80	26.60
6/4/2015 3:30	7.00	27.30	36.60	16.80	27.30
6/4/2015 3:45	8.30	34.50	34.70	17.40	34.50
6/4/2015 4:00	37.00	17.50	7.80	34.00	-100000.00
6/4/2015 4:15	39.50	15.80	8.30	34.00	-100000.00
6/4/2015 4:30	7.30	31.30	35.20	15.50	31.30
6/4/2015 4:45	7.30	38.20	33.90	16.50	38.20
6/4/2015 5:00	7.80	26.70	26.80	19.70	26.70
6/4/2015 5:15	34.90	14.50	8.30	22.40	-100000.00
6/4/2015 5:30	5.10	20.40	26.60	14.00	20.40
6/4/2015 5:45	5.30	34.50	17.30	23.70	34.50
6/4/2015 6:00	6.80	21.20	18.30	22.80	21.20
6/4/2015 6:15	4.50	21.60	27.10	12.90	21.60
6/4/2015 6:30	23.70	14.20	4.10	21.40	-100000.00
6/4/2015 6:45	18.10	23.40	4.60	18.90	-100000.00
6/4/2015 7:00	21.30	13.50	3.90	17.00	-100000.00
6/4/2015 7:15	24.20	19.90	4.10	16.80	-100000.00
6/4/2015 7:30	25.70	21.90	4.50	14.50	-100000.00
6/4/2015 7:45	14.90	30.20	4.90	12.80	-100000.00
6/4/2015 8:00	3.80	17.50	11.40	32.60	17.50
6/4/2015 8:15	3.80	15.10	13.90	32.50	15.10
6/4/2015 8:30	19.80	21.80	4.50	10.00	-100000.00
6/4/2015 8:45	21.00	31.40	5.60	21.90	-100000.00
6/4/2015 9:00	18.40	18.70	4.20	11.30	-100000.00
6/4/2015 9:15	10.50	19.00	3.90	27.70	-100000.00
6/4/2015 9:30	8.00	16.70	12.00	14.60	16.70
6/4/2015 9:45	4.50	26.90	9.00	20.40	26.90
6/4/2015 10:00	5.00	20.00	8.70	23.90	20.00
6/4/2015 10:15	4.80	18.50	21.70	21.30	18.50
6/4/2015 10:30	5.90	19.30	18.90	18.80	19.30
6/4/2015 10:45	14.30	14.30	5.80	21.80	-100000.00
6/4/2015 11:00	11.50	17.90	13.30	12.90	17.90



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/4/2015 11:15	9.30	26.30	12.50	11.90	26.30
6/4/2015 11:30	11.50	28.30	10.10	10.90	28.30
6/4/2015 11:45	12.70	24.70	10.60	12.50	24.70
6/4/2015 12:00	7.90	15.70	9.60	11.50	15.70
6/4/2015 12:15	9.30	20.10	22.00	22.10	20.10
6/4/2015 12:30	13.00	26.60	24.20	27.10	26.60
6/4/2015 12:45	17.70	39.70	25.80	22.40	39.70
6/4/2015 13:00	14.10	27.80	21.00	22.40	27.80
6/4/2015 13:15	5.00	12.40	19.50	22.70	12.40
6/4/2015 13:30	7.90	15.80	19.70	19.60	15.80
6/4/2015 13:45	9.00	17.40	13.40	18.50	17.40
6/4/2015 14:00	9.00	16.50	13.00	17.70	16.50
6/4/2015 14:15	7.40	20.50	10.40	16.90	20.50
6/4/2015 14:30	9.10	14.00	8.40	27.70	-100000.00
6/4/2015 14:45	8.50	22.00	8.90	11.50	22.00
6/4/2015 15:00	18.20	26.30	9.00	10.60	26.30
6/4/2015 15:15	10.90	14.10	8.70	10.80	14.10
6/4/2015 15:30	7.80	16.20	8.70	10.70	16.20
6/4/2015 15:45	8.70	17.10	9.20	11.50	17.10
6/4/2015 16:00	8.60	12.80	14.20	33.30	-100000.00
6/4/2015 16:15	8.70	12.80	13.60	33.30	-100000.00
6/4/2015 16:30	15.40	26.50	9.20	10.40	26.50
6/4/2015 16:45	10.30	10.40	10.60	36.80	-100000.00
6/4/2015 17:00	12.00	15.10	10.30	11.30	15.10
6/4/2015 17:15	11.20	10.60	19.20	24.20	-100000.00
6/4/2015 17:30	11.00	11.00	9.40	29.90	-100000.00
6/4/2015 17:45	11.10	16.00	12.50	11.90	16.00
6/4/2015 18:00	11.80	11.20	8.80	60.30	-100000.00
6/4/2015 18:15	31.90	12.70	14.10	11.50	31.90
6/4/2015 18:30	13.30	12.10	18.10	11.20	13.30
6/4/2015 18:45	16.90	20.90	11.30	11.20	20.90
6/4/2015 19:00	29.30	39.40	12.40	12.00	39.40
6/4/2015 19:15	9.00	69.10	11.10	12.10	69.10
6/4/2015 19:30	18.30	23.50	11.90	13.20	23.50
6/4/2015 19:45	6.90	43.30	9.70	15.00	43.30
6/4/2015 20:00	8.30	29.80	9.10	12.20	29.80
6/4/2015 20:15	5.70	41.40	11.10	11.80	41.40
6/4/2015 20:30	11.20	12.30	10.70	11.70	12.30
6/4/2015 20:45	5.70	19.00	10.00	10.10	19.00
6/4/2015 21:00	7.10	27.50	10.10	9.50	27.50
6/4/2015 21:15	11.80	20.70	9.70	10.60	20.70
6/4/2015 21:30	17.30	22.20	9.00	10.70	22.20
6/4/2015 21:45	7.40	29.50	7.00	10.50	29.50
6/4/2015 22:00	15.30	47.50	9.80	11.20	47.50
6/4/2015 22:15	8.80	43.00	9.20	11.60	43.00
6/4/2015 22:30	21.00	24.00	8.00	11.60	24.00
6/4/2015 22:45	11.50	56.80	8.80	12.30	56.80
6/4/2015 23:00	17.50	24.70	9.10	12.60	24.70
6/4/2015 23:15	8.20	34.60	7.70	12.90	34.60
6/4/2015 23:30	7.20	48.60	8.30	11.00	48.60
6/4/2015 23:45	16.30	14.10	10.10	9.60	16.30
6/5/2015 0:00	15.40	30.00	11.00	10.80	30.00
6/5/2015 0:15	11.30	50.60	11.50	10.30	50.60
6/5/2015 0:30	9.70	12.40	12.30	14.40	12.40
6/5/2015 0:45	17.90	14.10	12.50	13.20	17.90
6/5/2015 1:00	6.70	4.70	10.40	11.70	6.70
6/5/2015 1:15	20.80	14.00	10.00	10.70	20.80
6/5/2015 1:30	17.60	11.60	9.10	10.00	17.60
6/5/2015 1:45	14.30	15.40	8.80	9.80	15.40
6/5/2015 2:00	11.80	15.40	8.90	9.60	15.40
6/5/2015 2:15	12.80	16.80	8.10	9.60	16.80
6/5/2015 2:30	7.40	15.10	7.90	9.20	15.10
6/5/2015 2:45	9.10	16.50	7.50	8.80	16.50
6/5/2015 3:00	6.60	12.00	7.90	9.00	12.00
6/5/2015 3:15	5.70	10.50	7.40	8.30	10.50
6/5/2015 3:30	6.00	11.10	7.20	7.50	11.10
6/5/2015 3:45	6.20	11.30	7.10	9.90	11.30
6/5/2015 4:00	6.60	11.20	6.90	9.10	11.20
6/5/2015 4:15	5.90	10.40	7.30	8.00	10.40
6/5/2015 4:30	5.40	9.00	7.10	8.20	9.00
6/5/2015 4:45	5.20	10.00	6.90	8.20	10.00
6/5/2015 5:00	5.20	7.60	6.90	8.60	7.60
6/5/2015 5:15	5.90	7.20	6.70	8.80	7.20
6/5/2015 5:30	6.20	10.00	6.60	8.20	10.00
6/5/2015 5:45	5.10	8.30	6.60	7.70	8.30
6/5/2015 6:00	5.50	10.60	6.20	7.50	10.60
6/5/2015 6:15	5.80	8.30	6.80	7.20	8.30
6/5/2015 6:30	6.10	10.90	7.00	6.60	10.90
6/5/2015 6:45	5.70	9.90	7.50	6.50	9.90
6/5/2015 7:00	5.20	9.20	7.30	6.70	9.20
6/5/2015 7:15	5.40	7.60	7.30	6.30	7.60
6/5/2015 7:30	5.60	7.30	7.20	7.20	7.30
6/5/2015 7:45	5.40	8.90	7.20	7.20	8.90
6/5/2015 8:00	4.50	7.90	7.00	7.10	7.90
6/5/2015 8:15	4.60	8.20	7.10	7.20	8.20
6/5/2015 8:30	5.30	7.90	7.00	6.90	7.90
6/5/2015 8:45	6.40	8.20	7.00	6.60	8.20
6/5/2015 9:00	7.20	7.30	5.10	8.20	-100000.00
6/5/2015 9:15	7.60	7.50	5.50	8.70	-100000.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/5/2015 9:30	7.20	6.90	5.30	8.80	-100000.00
6/5/2015 9:45	7.70	6.60	4.70	8.50	-100000.00
6/5/2015 10:00	7.30	6.90	5.10	7.80	-100000.00
6/5/2015 10:15	7.90	6.40	5.20	7.40	-100000.00
6/5/2015 10:30	8.00	6.20	4.90	7.20	-100000.00
6/5/2015 10:45	8.20	6.30	7.10	8.30	-100000.00
6/5/2015 11:00	8.20	6.20	5.80	7.30	-100000.00
6/5/2015 11:15	8.70	6.20	5.50	7.00	-100000.00
6/5/2015 11:30	8.10	6.20	5.00	7.00	-100000.00
6/5/2015 11:45	7.80	6.10	4.60	7.30	-100000.00
6/5/2015 12:00	8.10	6.20	5.20	7.90	-100000.00
6/5/2015 12:15	7.90	6.90	4.50	7.80	-100000.00
6/5/2015 12:30	4.70	9.30	8.40	9.40	9.30
6/5/2015 12:45	8.80	9.20	6.60	9.40	-100000.00
6/5/2015 13:00	9.80	15.30	19.40	8.70	15.30
6/5/2015 13:15	27.40	10.20	9.40	12.30	-100000.00
6/5/2015 13:30	9.80	12.60	12.40	10.00	12.60
6/5/2015 13:45	8.00	7.80	15.10	23.10	8.00
6/5/2015 14:00	6.60	7.20	17.20	26.40	7.20
6/5/2015 14:15	7.40	9.60	18.70	38.60	9.60
6/5/2015 14:30	86.00	87.40	7.20	8.20	-100000.00
6/5/2015 14:45	7.30	8.50	46.70	50.80	8.50
6/5/2015 15:00	6.00	8.20	40.10	36.70	8.20
6/5/2015 15:15	28.80	35.70	5.10	7.40	-100000.00
6/5/2015 15:30	21.50	37.90	4.60	7.50	-100000.00
6/5/2015 15:45	5.00	12.10	19.50	66.70	12.10
6/5/2015 16:00	39.10	43.70	5.50	11.70	-100000.00
6/5/2015 16:15	48.50	43.20	5.70	11.30	-100000.00
6/5/2015 16:30	48.30	38.10	5.40	11.20	-100000.00
6/5/2015 16:45	48.30	30.30	5.90	11.20	-100000.00
6/5/2015 17:00	38.70	24.30	5.80	11.50	-100000.00
6/5/2015 17:15	79.40	21.30	5.90	11.70	-100000.00
6/5/2015 17:30	42.10	36.20	6.20	11.10	-100000.00
6/5/2015 17:45	57.10	37.20	5.60	10.50	-100000.00
6/5/2015 18:00	65.10	32.40	6.00	10.40	-100000.00
6/5/2015 18:15	5.50	10.80	63.00	51.20	10.80
6/5/2015 18:30	63.90	28.30	5.30	10.60	-100000.00
6/5/2015 18:45	60.60	39.80	5.60	11.00	-100000.00
6/5/2015 19:00	5.80	11.20	54.60	32.50	11.20
6/5/2015 19:15	57.90	50.50	5.40	11.10	-100000.00
6/5/2015 19:30	6.20	12.60	70.20	61.70	12.60
6/5/2015 19:45	6.60	11.50	63.90	70.10	11.50
6/5/2015 20:00	6.10	11.40	50.70	48.90	11.40
6/5/2015 20:15	6.20	11.00	37.50	23.30	11.00
6/5/2015 20:30	6.70	13.00	40.50	22.70	13.00
6/5/2015 20:45	6.20	12.90	42.00	22.40	12.90
6/5/2015 21:00	6.50	11.60	35.30	22.20	11.60
6/5/2015 21:15	6.60	12.90	29.60	15.70	12.90
6/5/2015 21:30	26.40	14.60	6.60	13.30	-100000.00
6/5/2015 21:45	6.50	15.30	23.60	12.90	15.30
6/5/2015 22:00	20.50	11.80	6.50	14.30	-100000.00
6/5/2015 22:15	18.10	12.10	6.50	14.80	-100000.00
6/5/2015 22:30	17.90	12.60	7.10	14.70	-100000.00
6/5/2015 22:45	7.00	14.50	15.40	12.30	14.50
6/5/2015 23:00	7.00	14.50	12.10	12.40	14.50
6/5/2015 23:15	6.80	14.80	12.00	12.50	14.80
6/5/2015 23:30	6.40	13.60	15.70	13.30	13.60
6/5/2015 23:45	7.50	13.70	14.30	12.10	13.70
6/6/2015 0:00	7.20	12.50	12.50	12.20	12.50
6/6/2015 0:15	6.90	13.40	16.70	14.90	13.40
6/6/2015 0:30	7.20	14.50	17.90	12.00	14.50
6/6/2015 0:45	17.70	10.10	6.80	13.20	-100000.00
6/6/2015 1:00	7.10	13.10	17.40	9.80	13.10
6/6/2015 1:15	6.70	12.10	16.60	12.20	12.10
6/6/2015 1:30	19.50	12.10	6.80	12.40	-100000.00
6/6/2015 1:45	6.20	11.70	20.40	12.30	11.70
6/6/2015 2:00	6.60	10.90	17.70	10.90	10.90
6/6/2015 2:15	6.90	12.40	17.40	15.60	12.40
6/6/2015 2:30	17.20	14.40	6.40	13.20	-100000.00
6/6/2015 2:45	6.30	11.30	17.30	14.30	11.30
6/6/2015 3:00	6.40	9.40	17.40	13.20	9.40
6/6/2015 3:15	6.60	11.60	16.30	13.30	11.60
6/6/2015 3:30	6.40	12.00	19.00	13.50	12.00
6/6/2015 3:45	6.90	13.90	18.20	13.40	13.90
6/6/2015 4:00	6.70	14.30	18.00	12.80	14.30
6/6/2015 4:15	6.90	13.30	17.50	12.60	13.30
6/6/2015 4:30	6.60	13.40	17.70	11.70	13.40
6/6/2015 4:45	6.50	12.60	17.20	11.40	12.60
6/6/2015 5:00	6.20	13.70	17.60	11.40	13.70
6/6/2015 5:15	17.40	11.10	6.50	11.90	-100000.00
6/6/2015 5:30	16.50	10.90	5.80	11.30	-100000.00
6/6/2015 5:45	16.00	11.40	6.50	11.50	-100000.00
6/6/2015 6:00	14.90	7.40	5.70	11.80	-100000.00
6/6/2015 6:15	16.40	10.50	6.20	11.10	-100000.00
6/6/2015 6:30	15.50	10.90	6.00	10.80	-100000.00
6/6/2015 6:45	5.30	8.80	16.20	14.30	8.80
6/6/2015 7:00	14.50	12.20	6.00	10.40	-100000.00
6/6/2015 7:15	6.20	8.80	13.90	11.60	8.80
6/6/2015 7:30	5.30	8.70	15.50	13.40	8.70



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/6/2015 7:45	14.60	13.20	5.20	9.50	-100000.00
6/6/2015 8:00	13.00	12.80	5.90	8.80	-100000.00
6/6/2015 8:15	14.30	14.00	5.90	7.90	-100000.00
6/6/2015 8:30	199.00	248.30	5.40	6.00	-100000.00
6/6/2015 8:45	17.50	15.70	3.70	6.30	-100000.00
6/6/2015 9:00	15.60	14.10	10.70	22.30	-100000.00
6/6/2015 9:15	13.90	13.50	12.70	20.50	-100000.00
6/6/2015 9:30	7.90	13.90	13.80	14.30	13.90
6/6/2015 9:45	5.80	19.10	23.10	10.80	19.10
6/6/2015 10:00	18.60	23.40	6.80	14.80	-100000.00
6/6/2015 10:15	6.90	13.70	19.50	18.80	13.70
6/6/2015 10:30	18.30	15.20	6.70	12.10	-100000.00
6/6/2015 10:45	7.20	12.80	15.30	15.40	12.80
6/6/2015 11:00	7.20	17.00	21.10	19.90	17.00
6/6/2015 11:15	6.20	15.70	22.60	29.70	15.70
6/6/2015 11:30	6.70	8.30	20.10	16.30	8.30
6/6/2015 11:45	6.50	13.10	17.70	13.80	13.10
6/6/2015 12:00	6.80	12.30	18.10	13.90	12.30
6/6/2015 12:15	6.60	12.90	19.80	14.10	12.90
6/6/2015 12:30	6.20	11.30	22.90	13.30	11.30
6/6/2015 12:45	25.60	15.70	6.30	8.90	-100000.00
6/6/2015 13:00	27.30	47.10	6.30	10.60	-100000.00
6/6/2015 13:15	6.30	8.40	19.30	56.90	8.40
6/6/2015 13:30	5.80	8.40	23.60	11.30	8.40
6/6/2015 13:45	20.00	16.00	5.80	7.70	-100000.00
6/6/2015 14:00	5.10	10.40	25.60	19.40	10.40
6/6/2015 14:15	5.10	9.90	24.20	45.10	9.90
6/6/2015 14:30	5.60	8.40	22.20	27.10	8.40
6/6/2015 14:45	5.10	10.50	46.40	31.30	10.50
6/6/2015 15:00	5.30	10.10	51.10	19.00	10.10
6/6/2015 15:15	5.60	18.40	43.30	11.00	18.40
6/6/2015 15:30	5.00	19.30	41.50	9.80	19.30
6/6/2015 15:45	20.90	11.60	5.40	17.70	-100000.00
6/6/2015 16:00	6.90	17.00	15.50	21.50	17.00
6/6/2015 16:15	5.50	16.90	16.10	14.30	16.90
6/6/2015 16:30	6.80	15.70	13.10	32.80	15.70
6/6/2015 16:45	7.10	17.60	13.60	41.90	17.60
6/6/2015 17:00	6.50	13.20	15.80	38.50	13.20
6/6/2015 17:15	40.90	37.70	6.30	16.40	-100000.00
6/6/2015 17:30	34.00	19.80	6.90	9.50	-100000.00
6/6/2015 17:45	27.60	21.30	6.20	12.40	-100000.00
6/6/2015 18:00	25.80	25.80	5.90	10.90	-100000.00
6/6/2015 18:15	24.30	28.00	5.80	12.00	-100000.00
6/6/2015 18:30	30.00	38.70	6.00	11.50	-100000.00
6/6/2015 18:45	31.40	38.00	6.40	12.70	-100000.00
6/6/2015 19:00	6.60	18.20	28.60	38.20	18.20
6/6/2015 19:15	9.50	19.00	28.20	28.60	19.00
6/6/2015 19:30	7.30	20.40	26.90	37.70	20.40
6/6/2015 19:45	7.80	14.20	27.90	59.50	14.20
6/6/2015 20:00	7.10	14.80	28.00	55.80	14.80
6/6/2015 20:15	6.90	10.00	23.60	39.60	10.00
6/6/2015 20:30	23.00	50.40	7.00	9.80	-100000.00
6/6/2015 20:45	6.20	10.70	32.50	47.20	10.70
6/6/2015 21:00	34.30	48.20	6.40	11.60	-100000.00
6/6/2015 21:15	6.30	10.80	32.60	43.80	10.80
6/6/2015 21:30	5.80	11.50	36.20	35.10	11.50
6/6/2015 21:45	6.00	11.40	32.30	25.10	11.40
6/6/2015 22:00	5.90	10.10	28.60	18.90	10.10
6/6/2015 22:15	5.70	9.90	26.30	20.10	9.90
6/6/2015 22:30	6.80	11.90	29.40	21.10	11.90
6/6/2015 22:45	6.50	10.30	34.20	20.20	10.30
6/6/2015 23:00	6.60	9.60	36.30	28.40	9.60
6/6/2015 23:15	5.50	10.10	35.60	17.80	10.10
6/6/2015 23:30	6.30	10.40	25.60	36.00	10.40
6/6/2015 23:45	6.00	12.40	28.50	12.90	12.40
6/7/2015 0:00	6.40	8.70	30.50	11.40	8.70
6/7/2015 0:15	6.30	9.00	28.30	29.60	9.00
6/7/2015 0:30	7.40	9.60	24.00	32.80	9.60
6/7/2015 0:45	6.20	9.70	24.60	28.90	9.70
6/7/2015 1:00	5.80	11.20	16.20	28.30	11.20
6/7/2015 1:15	5.80	13.10	23.80	26.30	13.10
6/7/2015 1:30	5.70	9.60	21.00	28.80	9.60
6/7/2015 1:45	5.70	9.80	23.20	27.00	9.80
6/7/2015 2:00	23.70	26.90	5.90	10.70	-100000.00
6/7/2015 2:15	22.60	24.90	6.00	10.70	-100000.00
6/7/2015 2:30	5.90	8.30	18.10	23.70	8.30
6/7/2015 2:45	5.80	10.30	16.00	25.60	10.30
6/7/2015 3:00	19.10	19.20	5.20	13.30	-100000.00
6/7/2015 3:15	5.70	8.80	23.50	23.90	8.80
6/7/2015 3:30	5.20	7.30	23.00	27.20	7.30
6/7/2015 3:45	19.90	18.70	4.90	13.20	-100000.00
6/7/2015 4:00	5.80	10.80	19.60	19.80	10.80
6/7/2015 4:15	5.20	6.90	22.30	24.10	6.90
6/7/2015 4:30	5.80	8.90	20.60	17.00	8.90
6/7/2015 4:45	5.80	13.30	17.20	18.80	13.30
6/7/2015 5:00	6.00	12.30	17.20	20.20	12.30
6/7/2015 5:15	5.90	11.10	15.80	20.00	11.10
6/7/2015 5:30	5.10	9.60	16.20	15.80	9.60
6/7/2015 5:45	17.60	12.20	5.50	10.80	-100000.00



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Indiana Harbor and Canal
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5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/7/2015 6:00	5.00	10.50	18.60	13.60	10.50
6/7/2015 6:15	5.80	9.90	17.70	14.00	9.90
6/7/2015 6:30	5.00	13.20	17.20	14.10	13.20
6/7/2015 6:45	7.10	11.30	15.30	13.70	11.30
6/7/2015 7:00	6.80	9.60	15.10	13.90	9.60
6/7/2015 7:15	7.30	11.30	16.50	14.40	11.30
6/7/2015 7:30	5.20	11.80	14.40	16.00	11.80
6/7/2015 7:45	4.70	11.00	10.40	15.70	11.00
6/7/2015 8:00	4.50	11.20	6.20	15.00	11.20
6/7/2015 8:15	11.00	15.80	5.00	18.20	-100000.00
6/7/2015 8:30	4.50	10.10	12.20	15.70	10.10
6/7/2015 8:45	4.00	11.10	13.20	14.80	11.10
6/7/2015 9:00	12.50	15.80	4.60	9.70	-100000.00
6/7/2015 9:15	4.00	14.50	11.40	14.60	14.50
6/7/2015 9:30	9.90	13.30	4.30	7.30	-100000.00
6/7/2015 9:45	4.10	8.30	11.40	13.60	8.30
6/7/2015 10:00	4.70	7.40	12.80	10.20	7.40
6/7/2015 10:15	4.20	13.70	13.10	11.20	13.70
6/7/2015 10:30	4.00	12.80	8.40	12.90	12.80
6/7/2015 10:45	4.10	8.40	7.50	12.20	8.40
6/7/2015 11:00	9.30	11.10	4.00	12.50	-100000.00
6/7/2015 11:15	10.90	10.50	4.10	9.10	-100000.00
6/7/2015 11:30	3.60	7.90	8.90	12.50	7.90
6/7/2015 11:45	8.30	12.40	3.70	11.60	-100000.00
6/7/2015 12:00	10.00	11.00	4.30	10.70	-100000.00
6/7/2015 12:15	3.90	11.60	10.10	11.30	11.60
6/7/2015 12:30	10.10	11.10	3.50	8.70	-100000.00
6/7/2015 12:45	4.00	10.90	9.00	11.60	10.90
6/7/2015 13:00	5.00	19.10	3.30	6.70	-100000.00
6/7/2015 13:15	3.70	9.70	5.70	29.20	9.70
6/7/2015 13:30	3.70	10.00	13.90	17.30	10.00
6/7/2015 13:45	39.80	13.70	3.70	7.50	-100000.00
6/7/2015 14:00	27.60	12.10	3.50	6.20	-100000.00
6/7/2015 14:15	3.70	7.70	16.70	13.30	7.70
6/7/2015 14:30	3.90	11.40	13.40	8.10	11.40
6/7/2015 14:45	12.40	9.10	3.60	7.10	-100000.00
6/7/2015 15:00	3.80	9.00	10.60	8.30	9.00
6/7/2015 15:15	3.90	9.70	12.00	8.10	9.70
6/7/2015 15:30	3.50	8.80	12.30	7.40	8.80
6/7/2015 15:45	4.40	8.60	11.30	7.00	8.60
6/7/2015 16:00	3.80	9.40	8.60	6.90	9.40
6/7/2015 16:15	3.90	11.60	8.90	7.30	11.60
6/7/2015 16:30	4.20	7.60	4.80	12.00	-100000.00
6/7/2015 16:45	3.90	15.60	5.00	7.80	15.60
6/7/2015 17:00	6.40	8.40	8.00	30.80	-100000.00
6/7/2015 17:15	7.30	25.80	6.90	9.90	25.80
6/7/2015 17:30	6.60	7.60	4.90	22.00	-100000.00
6/7/2015 17:45	4.70	18.30	6.10	7.90	18.30
6/7/2015 18:00	4.10	20.30	5.40	8.90	20.30
6/7/2015 18:15	5.10	22.90	5.80	9.40	22.90
6/7/2015 18:30	8.40	18.90	5.40	24.20	18.90
6/7/2015 18:45	4.90	14.70	5.90	24.20	14.70
6/7/2015 19:00	7.50	18.50	10.80	30.50	18.50
6/7/2015 19:15	7.40	37.50	10.10	14.90	37.50
6/7/2015 19:30	8.30	26.20	4.80	8.80	26.20
6/7/2015 19:45	3.80	13.50	8.60	8.50	13.50
6/7/2015 20:00	12.30	15.00	8.90	9.90	15.00
6/7/2015 20:15	13.30	28.00	11.00	8.50	28.00
6/7/2015 20:30	14.90	30.90	8.20	8.30	30.90
6/7/2015 20:45	13.30	32.90	7.40	6.20	32.90
6/7/2015 21:00	11.90	31.30	6.70	9.90	31.30
6/7/2015 21:15	10.00	8.40	5.40	14.00	10.00
6/7/2015 21:30	13.90	31.30	4.80	15.10	31.30
6/7/2015 21:45	11.10	26.80	5.70	4.40	26.80
6/7/2015 22:00	8.90	45.60	6.80	4.80	45.60
6/7/2015 22:15	11.00	31.70	6.80	5.00	31.70
6/7/2015 22:30	15.00	25.70	31.40	5.90	25.70
6/7/2015 22:45	10.20	33.60	15.60	7.20	33.60
6/7/2015 23:00	8.70	32.10	8.60	5.50	32.10
6/7/2015 23:15	7.70	30.40	29.90	9.30	30.40
6/7/2015 23:30	9.40	23.60	27.40	8.00	23.60
6/7/2015 23:45	8.00	32.00	27.80	8.70	32.00
6/8/2015 0:00	8.00	26.80	11.80	8.50	26.80
6/8/2015 0:15	11.50	20.10	7.50	10.00	20.10
6/8/2015 0:30	6.70	24.30	6.10	10.40	24.30
6/8/2015 0:45	6.40	24.10	5.90	10.40	24.10
6/8/2015 1:00	4.40	24.90	5.20	9.60	24.90
6/8/2015 1:15	4.70	27.00	3.80	11.80	27.00
6/8/2015 1:30	11.10	24.00	8.90	11.90	24.00
6/8/2015 1:45	7.80	13.70	5.60	16.20	-100000.00
6/8/2015 2:00	4.00	12.10	4.30	6.50	-100000.00
6/8/2015 2:15	4.60	8.00	3.30	6.80	-100000.00
6/8/2015 2:30	2.70	6.60	11.20	7.90	6.60
6/8/2015 2:45	3.70	5.80	11.10	10.00	5.80
6/8/2015 3:00	3.60	7.20	9.90	8.90	7.20
6/8/2015 3:15	3.90	6.00	13.30	7.30	6.00
6/8/2015 3:30	3.90	7.70	9.60	7.10	7.70
6/8/2015 3:45	3.80	8.90	8.80	7.60	8.90
6/8/2015 4:00	4.10	12.20	9.00	7.40	12.20



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5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/8/2015 4:15	4.90	11.10	7.70	8.80	11.10
6/8/2015 4:30	4.80	12.20	7.10	8.90	12.20
6/8/2015 4:45	4.10	9.80	5.20	7.90	9.80
6/8/2015 5:00	4.60	10.40	8.30	7.10	10.40
6/8/2015 5:15	4.80	9.30	8.20	6.80	9.30
6/8/2015 5:30	4.10	11.30	7.40	7.60	11.30
6/8/2015 5:45	4.00	12.30	5.40	6.30	12.30
6/8/2015 6:00	3.60	13.70	5.60	5.60	13.70
6/8/2015 6:15	2.70	9.60	7.40	5.50	9.60
6/8/2015 6:30	3.40	10.00	4.20	5.30	10.00
6/8/2015 6:45	3.50	9.60	2.10	6.50	9.60
6/8/2015 7:00	4.10	10.00	1.40	5.60	10.00
6/8/2015 7:15	4.40	6.80	2.10	5.20	6.80
6/8/2015 7:30	6.10	5.20	4.10	7.90	-100000.00
6/8/2015 7:45	4.10	7.50	5.90	5.00	7.50
6/8/2015 8:00	3.60	7.90	7.80	5.20	7.90
6/8/2015 8:15	3.40	5.10	4.60	7.60	-100000.00
6/8/2015 8:30	2.90	5.20	4.30	6.40	-100000.00
6/8/2015 8:45	1.50	7.20	3.70	9.50	-100000.00
6/8/2015 9:00	1.10	5.80	3.50	6.00	-100000.00
6/8/2015 9:15	4.40	5.00	4.10	6.30	-100000.00
6/8/2015 9:30	8.60	7.30	5.60	7.90	-100000.00
6/8/2015 9:45	5.10	7.20	10.50	7.40	7.20
6/8/2015 10:00	9.40	8.30	5.00	7.10	-100000.00
6/8/2015 10:15	4.40	6.50	9.60	6.90	6.50
6/8/2015 10:30	5.50	7.30	6.80	4.80	7.30
6/8/2015 10:45	4.90	7.40	8.90	6.40	7.40
6/8/2015 11:00	6.80	7.50	8.80	8.70	7.50
6/8/2015 11:15	4.40	8.00	8.90	9.70	8.00
6/8/2015 11:30	3.50	7.20	8.40	9.50	7.20
6/8/2015 11:45	9.30	9.20	3.60	7.80	-100000.00
6/8/2015 12:00	4.30	8.10	9.60	8.70	8.10
6/8/2015 12:15	11.20	7.40	4.00	7.10	-100000.00
6/8/2015 12:30	10.60	6.60	4.10	8.50	-100000.00
6/8/2015 12:45	3.80	6.40	8.00	6.00	6.40
6/8/2015 13:00	9.20	9.90	7.70	5.10	9.90
6/8/2015 13:15	19.40	30.10	7.70	4.80	30.10
6/8/2015 13:30	22.10	45.60	7.70	5.00	45.60
6/8/2015 13:45	20.00	62.80	8.50	4.90	62.80
6/8/2015 14:00	26.30	40.40	7.60	5.10	40.40
6/8/2015 14:15	19.50	50.60	8.40	5.10	50.60
6/8/2015 14:30	8.90	21.70	9.80	4.90	21.70
6/8/2015 14:45	6.90	13.20	8.70	5.00	13.20
6/8/2015 15:00	5.90	10.70	8.00	5.50	10.70
6/8/2015 15:15	5.70	7.00	8.20	5.70	7.00
6/8/2015 15:30	5.80	10.80	7.90	5.60	10.80
6/8/2015 15:45	6.10	10.20	10.10	5.60	10.20
6/8/2015 16:00	8.50	5.60	5.80	12.20	-100000.00
6/8/2015 16:15	6.30	11.50	18.60	5.80	11.50
6/8/2015 16:30	6.90	14.10	15.10	5.90	14.10
6/8/2015 16:45	12.70	13.20	14.70	6.30	13.20
6/8/2015 17:00	23.70	6.60	22.20	35.40	-100000.00
6/8/2015 17:15	12.30	21.10	37.10	6.60	21.10
6/8/2015 17:30	23.10	7.00	7.30	43.30	-100000.00
6/8/2015 17:45	8.20	7.20	8.20	31.60	-100000.00
6/8/2015 18:00	8.60	15.70	10.50	7.00	15.70
6/8/2015 18:15	9.50	7.00	10.20	8.60	-100000.00
6/8/2015 18:30	9.50	6.80	9.30	9.40	-100000.00
6/8/2015 18:45	15.20	6.60	9.60	8.80	-100000.00
6/8/2015 19:00	6.40	8.40	8.70	6.30	8.40
6/8/2015 19:15	8.20	5.50	5.20	11.90	-100000.00
6/8/2015 19:30	7.20	25.70	6.10	5.50	25.70
6/8/2015 19:45	7.50	18.10	5.90	5.70	18.10
6/8/2015 20:00	6.90	22.20	6.80	5.60	22.20
6/8/2015 20:15	7.80	11.20	7.10	5.70	11.20
6/8/2015 20:30	7.50	15.10	9.30	5.60	15.10
6/8/2015 20:45	7.20	28.90	9.20	5.90	28.90
6/8/2015 21:00	8.70	26.70	12.60	5.70	26.70
6/8/2015 21:15	9.00	36.60	10.80	5.40	36.60
6/8/2015 21:30	12.60	5.40	8.00	21.30	-100000.00
6/8/2015 21:45	13.90	5.00	7.70	13.10	-100000.00
6/8/2015 22:00	15.90	4.90	6.00	11.10	-100000.00
6/8/2015 22:15	5.30	8.80	14.10	5.00	8.80
6/8/2015 22:30	5.50	8.50	10.80	5.00	8.50
6/8/2015 22:45	5.50	8.20	10.70	5.10	8.20
6/8/2015 23:00	4.20	9.50	11.20	5.10	9.50
6/8/2015 23:15	5.40	11.60	10.30	5.00	11.60
6/8/2015 23:30	5.90	11.70	7.50	5.10	11.70
6/8/2015 23:45	4.70	8.50	8.10	5.40	8.50
6/9/2015 0:00	6.50	8.70	8.40	4.70	8.70
6/9/2015 0:15	6.00	9.10	10.50	7.80	9.10
6/9/2015 0:30	13.60	6.70	6.40	9.60	-100000.00
6/9/2015 0:45	4.10	9.00	12.90	6.60	9.00
6/9/2015 1:00	5.90	8.40	15.00	6.30	8.40
6/9/2015 1:15	6.30	6.90	14.00	5.70	6.90
6/9/2015 1:30	4.30	8.70	9.60	5.10	8.70
6/9/2015 1:45	3.50	8.50	9.60	4.90	8.50
6/9/2015 2:00	5.10	7.40	9.90	4.60	7.40
6/9/2015 2:15	5.30	7.70	5.50	5.20	7.70



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/9/2015 2:30	4.10	7.50	6.60	5.10	7.50
6/9/2015 2:45	3.90	8.50	7.60	4.40	8.50
6/9/2015 3:00	5.50	7.50	8.10	4.70	7.50
6/9/2015 3:15	10.30	5.20	4.80	7.60	-100000.00
6/9/2015 3:30	5.10	8.10	9.70	5.50	8.10
6/9/2015 3:45	5.40	8.50	9.90	5.50	8.50
6/9/2015 4:00	9.90	5.60	5.50	8.00	-100000.00
6/9/2015 4:15	5.40	14.60	8.90	5.70	14.60
6/9/2015 4:30	5.90	7.10	7.60	4.60	7.10
6/9/2015 4:45	6.30	7.90	8.70	4.90	7.90
6/9/2015 5:00	5.50	11.50	6.60	4.80	11.50
6/9/2015 5:15	4.70	7.80	7.00	4.60	7.80
6/9/2015 5:30	8.10	4.70	4.80	7.90	-100000.00
6/9/2015 5:45	4.70	8.30	8.00	4.70	8.30
6/9/2015 6:00	4.70	7.30	8.90	5.40	7.30
6/9/2015 6:15	4.80	7.30	12.00	10.10	7.30
6/9/2015 6:30	14.80	9.60	6.00	6.60	-100000.00
6/9/2015 6:45	3.50	7.50	10.00	7.70	7.50
6/9/2015 7:00	5.10	7.50	9.00	6.90	7.50
6/9/2015 7:15	4.70	10.50	8.50	7.80	10.50
6/9/2015 7:30	8.50	6.50	5.30	8.40	-100000.00
6/9/2015 7:45	5.30	7.00	8.30	7.60	7.00
6/9/2015 8:00	4.70	6.80	8.90	7.50	6.80
6/9/2015 8:15	5.00	7.00	9.10	7.10	7.00
6/9/2015 8:30	5.00	7.20	8.50	8.00	7.20
6/9/2015 8:45	4.60	6.70	8.00	7.50	6.70
6/9/2015 9:00	5.20	7.30	9.30	8.20	7.30
6/9/2015 9:15	9.10	7.30	5.60	6.50	-100000.00
6/9/2015 9:30	8.40	7.40	5.60	6.70	-100000.00
6/9/2015 9:45	4.00	7.80	9.30	6.90	7.80
6/9/2015 10:00	4.10	9.40	11.20	7.30	9.40
6/9/2015 10:15	5.10	6.00	11.00	7.40	6.00
6/9/2015 10:30	4.70	7.60	9.50	7.60	7.60
6/9/2015 10:45	4.50	7.30	10.00	8.10	7.30
6/9/2015 11:00	5.30	7.40	11.10	8.10	7.40
6/9/2015 11:15	5.50	8.50	9.60	7.10	8.50
6/9/2015 11:30	5.30	6.70	9.80	6.30	6.70
6/9/2015 11:45	5.50	9.10	10.20	5.80	9.10
6/9/2015 12:00	10.60	7.30	5.50	8.40	-100000.00
6/9/2015 12:15	26.40	8.00	5.30	7.10	-100000.00
6/9/2015 12:30	36.80	6.20	5.30	7.50	-100000.00
6/9/2015 12:45	14.20	6.50	5.50	13.50	-100000.00
6/9/2015 13:00	29.60	7.30	4.70	17.60	-100000.00
6/9/2015 13:15	14.30	6.20	8.00	26.40	-100000.00
6/9/2015 13:30	9.10	5.90	10.10	31.30	-100000.00
6/9/2015 13:45	9.30	31.40	9.80	4.60	31.40
6/9/2015 14:00	10.20	33.30	15.70	6.10	33.30
6/9/2015 14:15	11.10	25.10	14.90	6.50	25.10
6/9/2015 14:30	12.30	25.50	17.10	6.40	25.50
6/9/2015 14:45	13.40	65.00	15.00	4.90	65.00
6/9/2015 15:00	20.20	104.20	14.80	5.80	104.20
6/9/2015 15:15	32.10	17.20	18.30	6.70	32.10
6/9/2015 15:30	22.50	21.50	35.40	7.10	22.50
6/9/2015 15:45	23.30	25.40	52.60	7.40	25.40
6/9/2015 16:00	9.40	36.80	43.80	38.50	36.80
6/9/2015 16:15	50.10	14.30	8.40	16.50	-100000.00
6/9/2015 16:30	16.50	9.20	33.00	8.20	16.50
6/9/2015 16:45	6.70	11.50	32.40	5.30	11.50
6/9/2015 17:00	22.90	53.20	6.30	4.50	53.20
6/9/2015 17:15	18.80	68.50	5.60	4.30	68.50
6/9/2015 17:30	23.20	71.60	17.10	5.30	71.60
6/9/2015 17:45	13.00	59.90	18.90	5.50	59.90
6/9/2015 18:00	24.20	34.70	17.20	6.70	34.70
6/9/2015 18:15	10.50	44.30	20.10	6.90	44.30
6/9/2015 18:30	7.30	29.00	51.80	7.80	29.00
6/9/2015 18:45	11.90	24.70	76.30	10.00	24.70
6/9/2015 19:00	4.20	21.70	95.50	8.60	21.70
6/9/2015 19:15	5.10	22.00	80.20	8.20	22.00
6/9/2015 19:30	89.80	7.60	6.10	26.70	-100000.00
6/9/2015 19:45	85.90	8.30	5.10	26.00	-100000.00
6/9/2015 20:00	78.30	7.00	5.60	27.70	-100000.00
6/9/2015 20:15	27.30	6.00	4.20	26.10	-100000.00
6/9/2015 20:30	81.10	7.50	4.30	24.50	-100000.00
6/9/2015 20:45	80.80	11.20	4.80	22.20	-100000.00
6/9/2015 21:00	4.80	21.10	78.20	31.50	21.10
6/9/2015 21:15	45.30	30.20	5.00	21.60	-100000.00
6/9/2015 21:30	5.20	16.60	53.30	9.00	16.60
6/9/2015 21:45	4.70	16.20	46.50	10.60	16.20
6/9/2015 22:00	40.70	9.80	7.00	27.70	-100000.00
6/9/2015 22:15	28.70	9.70	4.40	10.30	-100000.00
6/9/2015 22:30	3.90	13.20	16.80	13.10	13.20
6/9/2015 22:45	26.00	9.70	4.10	13.40	-100000.00
6/9/2015 23:00	4.10	11.60	38.60	10.80	11.60
6/9/2015 23:15	39.70	9.80	4.30	33.80	-100000.00
6/9/2015 23:30	4.40	14.50	35.10	13.60	14.50
6/9/2015 23:45	35.80	10.30	4.00	15.90	-100000.00
6/10/2015 0:00	46.80	19.20	4.10	13.80	-100000.00
6/10/2015 0:15	28.40	10.00	3.80	17.20	-100000.00
6/10/2015 0:30	27.30	27.40	14.00	21.50	-100000.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/10/2015 0:45	10.50	27.20	19.40	19.40	27.20
6/10/2015 1:00	8.10	39.80	11.90	14.10	39.80
6/10/2015 1:15	12.20	16.70	12.20	34.80	-100000.00
6/10/2015 1:30	12.60	14.10	7.90	20.30	-100000.00
6/10/2015 1:45	6.80	15.40	12.00	12.80	15.40
6/10/2015 2:00	11.60	12.10	7.00	18.50	-100000.00
6/10/2015 2:15	11.00	9.40	6.40	16.70	-100000.00
6/10/2015 2:30	11.00	10.30	6.20	13.70	-100000.00
6/10/2015 2:45	5.00	14.50	11.10	9.40	14.50
6/10/2015 3:00	10.70	8.90	6.90	19.30	-100000.00
6/10/2015 3:15	6.90	19.70	9.10	10.30	19.70
6/10/2015 3:30	6.60	14.70	9.00	8.60	14.70
6/10/2015 3:45	9.50	8.60	5.50	12.60	-100000.00
6/10/2015 4:00	9.80	16.60	5.20	24.20	-100000.00
6/10/2015 4:15	6.30	21.30	20.50	20.10	21.30
6/10/2015 4:30	17.90	21.20	7.10	21.70	-100000.00
6/10/2015 4:45	7.40	21.90	17.00	22.60	21.90
6/10/2015 5:00	7.50	20.90	17.50	18.70	20.90
6/10/2015 5:15	19.00	18.90	7.10	20.00	-100000.00
6/10/2015 5:30	16.50	17.70	6.90	20.80	-100000.00
6/10/2015 5:45	16.90	19.20	7.30	13.40	-100000.00
6/10/2015 6:00	6.70	13.00	16.70	18.20	13.00
6/10/2015 6:15	6.40	18.20	14.10	16.80	18.20
6/10/2015 6:30	7.70	19.10	13.00	15.80	19.10
6/10/2015 6:45	7.30	17.20	12.60	8.60	17.20
6/10/2015 7:00	8.00	16.80	12.30	8.70	16.80
6/10/2015 7:15	11.60	8.40	7.70	16.60	-100000.00
6/10/2015 7:30	7.00	15.60	12.90	12.00	15.60
6/10/2015 7:45	7.10	14.00	10.70	12.50	14.00
6/10/2015 8:00	11.20	9.30	7.00	14.40	-100000.00
6/10/2015 8:15	11.10	9.20	6.80	17.00	-100000.00
6/10/2015 8:30	10.60	9.10	7.10	14.80	-100000.00
6/10/2015 8:45	10.80	8.70	6.90	13.10	-100000.00
6/10/2015 9:00	9.80	10.20	6.30	13.50	-100000.00
6/10/2015 9:15	8.70	9.90	5.20	12.30	-100000.00
6/10/2015 9:30	4.60	13.10	9.10	10.30	13.10
6/10/2015 9:45	8.40	11.80	5.20	12.80	-100000.00
6/10/2015 10:00	12.00	9.90	5.20	10.20	-100000.00
6/10/2015 10:15	5.10	10.20	10.30	9.20	10.20
6/10/2015 10:30	4.80	11.50	13.20	9.90	11.50
6/10/2015 10:45	12.70	8.50	5.40	13.60	-100000.00
6/10/2015 11:00	5.40	14.30	12.20	7.50	14.30
6/10/2015 11:15	9.00	26.90	8.30	7.50	26.90
6/10/2015 11:30	7.00	18.50	9.40	7.30	18.50
6/10/2015 11:45	8.00	19.40	10.40	7.10	19.40
6/10/2015 12:00	9.10	21.50	10.30	7.90	21.50
6/10/2015 12:15	9.90	33.80	9.50	8.10	33.80
6/10/2015 12:30	10.40	37.80	9.60	7.90	37.80
6/10/2015 12:45	11.70	29.00	10.10	7.30	29.00
6/10/2015 13:00	11.80	11.40	9.70	7.40	11.80
6/10/2015 13:15	11.40	25.10	8.30	6.80	25.10
6/10/2015 13:30	10.10	36.60	8.90	6.60	36.60
6/10/2015 13:45	9.90	48.90	9.00	7.30	48.90
6/10/2015 14:00	8.00	7.70	12.50	49.00	-100000.00
6/10/2015 14:15	14.40	46.50	14.50	24.80	46.50
6/10/2015 14:30	13.70	48.40	33.50	33.90	48.40
6/10/2015 14:45	11.20	31.90	20.90	17.20	31.90
6/10/2015 15:00	13.80	27.80	16.00	12.40	27.80
6/10/2015 15:15	11.80	38.80	13.20	8.30	38.80
6/10/2015 15:30	13.30	40.40	6.30	8.40	40.40
6/10/2015 15:45	14.00	39.20	4.40	7.30	39.20
6/10/2015 16:00	14.10	31.80	5.00	7.30	31.80
6/10/2015 16:15	16.00	46.50	6.00	7.70	46.50
6/10/2015 16:30	15.60	19.60	5.20	8.00	19.60
6/10/2015 16:45	7.20	7.80	15.40	25.10	-100000.00
6/10/2015 17:00	27.70	40.10	4.80	7.00	40.10
6/10/2015 17:15	6.00	7.30	22.70	41.10	-100000.00
6/10/2015 17:30	19.00	39.90	5.90	7.30	39.90
6/10/2015 17:45	6.00	6.80	14.00	49.50	-100000.00
6/10/2015 18:00	16.20	31.40	5.50	7.20	31.40
6/10/2015 18:15	12.40	29.80	5.80	10.00	29.80
6/10/2015 18:30	10.20	28.20	5.60	7.60	28.20
6/10/2015 18:45	5.60	6.90	11.40	26.30	-100000.00
6/10/2015 19:00	11.20	18.90	5.10	6.70	18.90
6/10/2015 19:15	14.50	31.00	7.20	12.40	31.00
6/10/2015 19:30	7.40	26.40	17.40	16.80	26.40
6/10/2015 19:45	31.30	65.20	17.70	15.30	65.20
6/10/2015 20:00	31.10	22.40	14.10	13.50	31.10
6/10/2015 20:15	6.60	31.90	13.10	12.20	31.90
6/10/2015 20:30	6.70	30.60	12.50	12.00	30.60
6/10/2015 20:45	10.80	27.00	11.90	11.80	27.00
6/10/2015 21:00	6.20	26.30	12.20	11.50	26.30
6/10/2015 21:15	5.90	16.20	11.70	11.20	16.20
6/10/2015 21:30	9.10	20.00	11.40	10.50	20.00
6/10/2015 21:45	11.60	18.80	11.20	10.60	18.80
6/10/2015 22:00	11.40	15.50	10.90	10.20	15.50
6/10/2015 22:15	9.20	13.90	10.20	10.30	13.90
6/10/2015 22:30	7.50	15.50	9.80	10.20	15.50
6/10/2015 22:45	10.10	13.30	9.40	9.50	13.30



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/10/2015 23:00	5.70	14.90	9.80	8.60	14.90
6/10/2015 23:15	5.90	15.10	9.70	8.40	15.10
6/10/2015 23:30	5.80	15.70	9.10	7.90	15.70
6/10/2015 23:45	7.00	12.70	8.30	7.00	12.70
6/11/2015 0:00	7.40	27.20	7.80	7.90	27.20
6/11/2015 0:15	7.60	16.80	7.10	8.80	16.80
6/11/2015 0:30	8.10	13.50	7.40	8.20	13.50
6/11/2015 0:45	11.20	12.60	13.90	19.10	12.60
6/11/2015 1:00	7.90	13.70	13.70	14.00	13.70
6/11/2015 1:15	9.70	13.10	13.20	12.50	13.10
6/11/2015 1:30	8.50	13.70	12.80	7.90	13.70
6/11/2015 1:45	5.10	12.10	10.70	8.80	12.10
6/11/2015 2:00	5.30	10.80	10.00	9.60	10.80
6/11/2015 2:15	5.10	9.20	11.70	9.20	9.20
6/11/2015 2:30	5.50	8.70	8.90	10.40	8.70
6/11/2015 2:45	5.80	8.70	9.90	10.90	8.70
6/11/2015 3:00	6.80	9.20	10.20	10.70	9.20
6/11/2015 3:15	5.70	10.20	10.20	9.90	10.20
6/11/2015 3:30	8.10	12.50	10.30	9.60	12.50
6/11/2015 3:45	7.60	10.60	10.90	10.20	10.60
6/11/2015 4:00	5.30	10.50	10.70	8.80	10.50
6/11/2015 4:15	5.40	10.70	10.10	8.20	10.70
6/11/2015 4:30	5.10	11.00	10.20	7.80	11.00
6/11/2015 4:45	5.40	12.60	9.60	8.30	12.60
6/11/2015 5:00	5.20	11.30	9.70	7.90	11.30
6/11/2015 5:15	5.10	11.80	9.00	7.90	11.80
6/11/2015 5:30	5.70	13.40	8.40	7.30	13.40
6/11/2015 5:45	5.50	11.00	8.80	8.50	11.00
6/11/2015 6:00	4.90	9.80	8.80	8.20	9.80
6/11/2015 6:15	4.60	8.60	8.60	7.80	8.60
6/11/2015 6:30	8.30	7.90	4.80	8.70	-100000.00
6/11/2015 6:45	4.80	10.00	8.20	8.30	10.00
6/11/2015 7:00	4.80	9.00	8.00	8.20	9.00
6/11/2015 7:15	4.70	7.50	8.20	8.20	7.50
6/11/2015 7:30	4.60	9.60	8.30	8.10	9.60
6/11/2015 7:45	4.80	10.10	8.20	8.10	10.10
6/11/2015 8:00	4.70	10.30	8.20	7.80	10.30
6/11/2015 8:15	4.60	10.00	8.10	8.10	10.00
6/11/2015 8:30	7.90	7.90	4.50	10.10	-100000.00
6/11/2015 8:45	8.00	7.70	4.80	10.30	-100000.00
6/11/2015 9:00	7.90	8.00	4.60	10.20	-100000.00
6/11/2015 9:15	7.90	7.70	4.70	9.80	-100000.00
6/11/2015 9:30	7.60	7.20	4.50	9.50	-100000.00
6/11/2015 9:45	4.50	10.30	7.60	6.70	10.30
6/11/2015 10:00	4.50	9.60	7.50	6.50	9.60
6/11/2015 10:15	4.40	10.10	7.60	6.50	10.10
6/11/2015 10:30	7.70	7.00	4.20	7.30	-100000.00
6/11/2015 10:45	7.50	7.00	4.30	8.10	-100000.00
6/11/2015 11:00	4.30	8.70	7.40	6.90	8.70
6/11/2015 11:15	4.40	7.40	7.20	7.30	7.40
6/11/2015 11:30	4.40	6.30	7.10	7.50	6.30
6/11/2015 11:45	4.40	6.00	7.70	7.10	6.00
6/11/2015 12:00	4.60	8.60	7.70	6.60	8.60
6/11/2015 12:15	4.50	6.70	7.50	7.10	6.70
6/11/2015 12:30	4.70	6.90	7.50	7.20	6.90
6/11/2015 12:45	4.70	6.10	7.60	7.20	6.10
6/11/2015 13:00	7.40	7.00	4.50	6.00	-100000.00
6/11/2015 13:15	7.30	6.50	4.40	7.00	-100000.00
6/11/2015 13:30	4.60	6.30	7.90	7.00	6.30
6/11/2015 13:45	4.90	5.90	7.30	7.10	5.90
6/11/2015 14:00	7.50	6.90	4.50	5.70	-100000.00
6/11/2015 14:15	7.20	6.70	4.20	4.90	-100000.00
6/11/2015 14:30	8.00	6.70	4.60	8.40	-100000.00
6/11/2015 14:45	7.70	4.80	4.40	7.40	-100000.00
6/11/2015 15:00	8.10	6.50	4.60	7.80	-100000.00
6/11/2015 15:15	8.10	5.60	5.00	7.40	-100000.00
6/11/2015 15:30	8.10	6.50	4.30	7.70	-100000.00
6/11/2015 15:45	3.80	8.00	8.30	6.60	8.00
6/11/2015 16:00	8.50	6.50	5.80	11.60	-100000.00
6/11/2015 16:15	8.70	6.40	7.60	10.40	-100000.00
6/11/2015 16:30	8.10	7.30	5.50	11.40	-100000.00
6/11/2015 16:45	5.20	10.00	8.20	7.00	10.00
6/11/2015 17:00	8.50	7.40	4.20	6.50	-100000.00
6/11/2015 17:15	10.00	11.90	4.50	10.60	-100000.00
6/11/2015 17:30	11.30	8.50	4.30	9.60	-100000.00
6/11/2015 17:45	10.10	8.00	4.20	7.30	-100000.00
6/11/2015 18:00	8.90	8.30	4.40	8.10	-100000.00
6/11/2015 18:15	6.80	6.10	4.10	5.80	-100000.00
6/11/2015 18:30	11.50	11.20	4.00	7.30	-100000.00
6/11/2015 18:45	10.40	7.70	3.70	6.30	-100000.00
6/11/2015 19:00	8.80	7.10	4.00	5.70	-100000.00
6/11/2015 19:15	9.10	6.60	4.00	5.30	-100000.00
6/11/2015 19:30	3.80	5.30	9.40	9.30	5.30
6/11/2015 19:45	11.00	9.20	3.80	5.30	-100000.00
6/11/2015 20:00	10.60	10.10	4.00	5.30	-100000.00
6/11/2015 20:15	9.80	9.10	3.90	5.80	-100000.00
6/11/2015 20:30	3.80	6.10	10.10	9.50	6.10
6/11/2015 20:45	8.30	7.10	3.50	5.40	-100000.00
6/11/2015 21:00	7.40	6.20	4.00	7.30	-100000.00



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5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/11/2015 21:15	8.40	7.50	3.80	8.00	-100000.00
6/11/2015 21:30	9.00	6.30	3.70	6.30	-100000.00
6/11/2015 21:45	8.30	7.60	3.50	5.70	-100000.00
6/11/2015 22:00	9.20	8.30	3.80	6.20	-100000.00
6/11/2015 22:15	9.00	8.10	3.70	6.00	-100000.00
6/11/2015 22:30	9.10	6.70	3.80	6.70	-100000.00
6/11/2015 22:45	7.60	6.40	6.40	14.60	-100000.00
6/11/2015 23:00	7.90	5.90	4.80	10.60	-100000.00
6/11/2015 23:15	8.20	6.80	5.50	10.30	-100000.00
6/11/2015 23:30	4.80	9.80	8.10	7.30	9.80
6/11/2015 23:45	8.20	7.60	4.60	8.20	-100000.00
6/12/2015 0:00	9.00	9.60	4.70	10.10	-100000.00
6/12/2015 0:15	9.10	7.80	4.50	7.20	-100000.00
6/12/2015 0:30	4.00	7.10	8.40	7.00	7.10
6/12/2015 0:45	4.20	8.80	7.40	6.60	8.80
6/12/2015 1:00	4.10	8.00	6.90	6.00	8.00
6/12/2015 1:15	3.50	8.40	6.50	4.60	8.40
6/12/2015 1:30	3.90	6.40	6.20	3.80	6.40
6/12/2015 1:45	3.80	8.30	7.00	3.60	8.30
6/12/2015 2:00	3.90	8.70	6.80	3.50	8.70
6/12/2015 2:15	3.60	7.70	6.70	5.30	7.70
6/12/2015 2:30	3.70	7.40	7.20	5.20	7.40
6/12/2015 2:45	3.60	6.70	5.90	5.60	6.70
6/12/2015 3:00	3.80	7.60	5.50	5.80	7.60
6/12/2015 3:15	4.80	6.10	3.70	7.10	-100000.00
6/12/2015 3:30	3.60	6.90	4.60	6.20	6.90
6/12/2015 3:45	3.60	6.90	6.30	6.20	6.90
6/12/2015 4:00	3.40	6.50	6.80	6.40	6.50
6/12/2015 4:15	6.20	6.70	3.50	6.70	-100000.00
6/12/2015 4:30	3.40	5.90	7.30	6.10	5.90
6/12/2015 4:45	3.20	6.40	6.50	5.40	6.40
6/12/2015 5:00	3.20	6.30	6.30	5.00	6.30
6/12/2015 5:15	3.30	6.10	6.20	5.30	6.10
6/12/2015 5:30	3.50	6.80	6.40	6.00	6.80
6/12/2015 5:45	3.60	6.20	6.00	4.60	6.20
6/12/2015 6:00	3.30	6.40	5.80	4.70	6.40
6/12/2015 6:15	3.40	6.10	5.80	4.90	6.10
6/12/2015 6:30	3.30	5.40	5.60	4.90	5.40
6/12/2015 6:45	3.40	5.40	5.70	5.20	5.40
6/12/2015 7:00	3.50	5.00	5.70	5.00	5.00
6/12/2015 7:15	3.40	6.10	5.80	4.90	6.10
6/12/2015 7:30	3.40	5.10	5.20	4.70	5.10
6/12/2015 7:45	2.80	5.80	5.10	3.00	5.80
6/12/2015 8:00	3.00	5.70	5.10	3.70	5.70
6/12/2015 8:15	3.20	5.20	4.80	4.90	5.20
6/12/2015 8:30	4.20	5.20	3.20	5.80	-100000.00
6/12/2015 8:45	3.50	5.70	4.90	5.30	5.70
6/12/2015 9:00	3.00	5.80	4.10	5.20	5.80
6/12/2015 9:15	2.80	5.20	4.20	3.80	5.20
6/12/2015 9:30	2.70	5.00	4.40	3.70	5.00
6/12/2015 9:45	2.70	4.70	4.30	2.40	4.70
6/12/2015 10:00	3.10	5.60	4.90	3.30	5.60
6/12/2015 10:15	3.00	5.20	5.50	4.30	5.20
6/12/2015 10:30	5.10	5.30	3.10	6.20	-100000.00
6/12/2015 10:45	3.50	6.40	5.10	4.80	6.40
6/12/2015 11:00	3.10	6.60	3.60	4.80	6.60
6/12/2015 11:15	3.30	5.80	3.20	4.60	5.80
6/12/2015 11:30	2.90	3.70	3.20	5.00	-100000.00
6/12/2015 11:45	3.20	6.20	3.60	3.80	6.20
6/12/2015 12:00	2.90	5.60	3.80	3.90	5.60
6/12/2015 12:15	3.60	3.90	3.30	6.50	-100000.00
6/12/2015 12:30	3.50	6.00	4.40	3.80	6.00
6/12/2015 12:45	4.80	3.80	3.10	7.00	-100000.00
6/12/2015 13:00	5.10	3.50	3.10	6.10	-100000.00
6/12/2015 13:15	4.20	3.60	3.70	5.70	-100000.00
6/12/2015 13:30	4.10	3.50	3.70	5.10	-100000.00
6/12/2015 13:45	19.10	3.70	4.00	6.10	-100000.00
6/12/2015 14:00	7.90	20.40	5.10	6.50	-100000.00
6/12/2015 14:15	33.70	46.20	5.10	5.70	-100000.00
6/12/2015 14:30	45.20	54.20	4.00	5.70	-100000.00
6/12/2015 14:45	3.20	5.40	40.30	33.00	5.40
6/12/2015 15:00	4.30	5.40	37.10	10.40	5.40
6/12/2015 15:15	4.40	4.80	18.10	27.20	4.80
6/12/2015 15:30	14.70	28.70	4.20	5.60	-100000.00
6/12/2015 15:45	10.50	5.00	32.80	25.90	10.50
6/12/2015 16:00	12.60	9.20	26.10	26.70	12.60
6/12/2015 16:15	27.10	23.30	10.90	6.20	-100000.00
6/12/2015 16:30	3.90	4.30	37.10	20.50	4.30
6/12/2015 16:45	26.10	18.70	7.00	6.10	-100000.00
6/12/2015 17:00	28.40	17.50	8.20	5.10	-100000.00
6/12/2015 17:15	11.80	15.40	20.60	16.80	15.40
6/12/2015 17:30	26.70	16.20	10.60	25.10	-100000.00
6/12/2015 17:45	8.30	18.20	14.60	15.40	18.20
6/12/2015 18:00	9.00	14.10	21.00	73.60	14.10
6/12/2015 18:15	9.20	5.90	46.10	75.20	9.20
6/12/2015 18:30	8.00	7.20	25.80	55.60	8.00
6/12/2015 18:45	8.00	5.80	24.00	33.40	8.00
6/12/2015 19:00	5.30	5.20	47.20	25.90	5.30
6/12/2015 19:15	6.60	4.60	56.80	27.10	6.60



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/12/2015 19:30	42.10	22.80	6.50	5.80	-100000.00
6/12/2015 19:45	5.10	7.20	38.10	34.10	7.20
6/12/2015 20:00	35.60	24.70	3.50	5.60	-100000.00
6/12/2015 20:15	3.20	5.40	34.80	25.60	5.40
6/12/2015 20:30	3.20	6.00	28.50	14.90	6.00
6/12/2015 20:45	3.00	5.40	30.60	11.50	5.40
6/12/2015 21:00	3.10	4.70	26.90	9.30	4.70
6/12/2015 21:15	3.00	4.60	30.70	7.70	4.60
6/12/2015 21:30	2.80	4.90	27.80	12.20	4.90
6/12/2015 21:45	47.00	49.10	4.40	4.50	-100000.00
6/12/2015 22:00	51.10	17.50	3.10	4.60	-100000.00
6/12/2015 22:15	49.20	9.50	3.70	4.60	-100000.00
6/12/2015 22:30	50.60	5.30	3.50	5.00	-100000.00
6/12/2015 22:45	42.50	2.40	3.60	5.40	-100000.00
6/12/2015 23:00	27.30	2.40	3.20	4.80	-100000.00
6/12/2015 23:15	3.00	5.50	27.90	2.90	5.50
6/12/2015 23:30	32.20	3.80	5.10	5.60	-100000.00
6/12/2015 23:45	35.50	4.10	4.40	5.70	-100000.00
6/13/2015 0:00	31.10	5.10	4.50	6.20	-100000.00
6/13/2015 0:15	25.10	5.00	5.30	6.00	-100000.00
6/13/2015 0:30	3.80	5.70	25.20	5.10	5.70
6/13/2015 0:45	5.90	5.80	26.50	3.30	5.90
6/13/2015 1:00	27.70	4.20	7.40	5.90	-100000.00
6/13/2015 1:15	5.40	5.00	22.20	4.50	5.40
6/13/2015 1:30	5.20	5.00	24.30	4.50	5.20
6/13/2015 1:45	8.70	6.20	22.30	4.50	8.70
6/13/2015 2:00	10.30	4.80	23.20	5.20	10.30
6/13/2015 2:15	8.10	5.10	27.20	6.40	8.10
6/13/2015 2:30	7.40	5.40	26.80	5.10	7.40
6/13/2015 2:45	8.20	4.70	26.20	3.90	8.20
6/13/2015 3:00	27.70	4.30	9.60	4.80	-100000.00
6/13/2015 3:15	5.60	4.40	27.50	3.30	5.60
6/13/2015 3:30	22.90	3.70	5.70	4.70	-100000.00
6/13/2015 3:45	25.70	3.70	7.90	5.70	-100000.00
6/13/2015 4:00	6.10	5.00	34.00	11.60	6.10
6/13/2015 4:15	31.40	15.40	7.30	5.00	-100000.00
6/13/2015 4:30	5.90	4.90	41.30	2.60	5.90
6/13/2015 4:45	8.10	5.00	34.80	2.60	8.10
6/13/2015 5:00	8.40	10.50	47.00	2.60	10.50
6/13/2015 5:15	23.00	3.10	9.00	6.20	-100000.00
6/13/2015 5:30	6.80	10.00	41.50	9.30	10.00
6/13/2015 5:45	25.30	6.00	6.90	8.80	-100000.00
6/13/2015 6:00	8.00	14.60	29.00	13.50	14.60
6/13/2015 6:15	7.90	9.10	17.60	7.60	9.10
6/13/2015 6:30	6.20	9.20	10.70	8.40	9.20
6/13/2015 6:45	11.00	10.90	2.80	11.90	-100000.00
6/13/2015 7:00	4.00	6.20	25.70	6.80	6.20
6/13/2015 7:15	23.70	7.40	4.90	5.80	-100000.00
6/13/2015 7:30	3.60	5.70	25.80	9.00	5.70
6/13/2015 7:45	3.70	5.60	29.80	14.30	5.60
6/13/2015 8:00	19.10	7.00	4.90	5.40	-100000.00
6/13/2015 8:15	3.50	11.70	17.80	7.80	11.70
6/13/2015 8:30	18.80	12.10	3.40	4.50	-100000.00
6/13/2015 8:45	3.30	10.70	18.00	5.40	10.70
6/13/2015 9:00	3.90	9.80	15.60	4.40	9.80
6/13/2015 9:15	3.80	7.50	19.50	4.90	7.50
6/13/2015 9:30	19.70	4.80	4.50	11.00	-100000.00
6/13/2015 9:45	20.20	5.90	5.00	8.10	-100000.00
6/13/2015 10:00	23.10	6.80	4.20	7.40	-100000.00
6/13/2015 10:15	5.10	7.60	21.80	7.10	7.60
6/13/2015 10:30	12.50	6.50	3.50	6.80	-100000.00
6/13/2015 10:45	9.80	6.40	5.40	8.60	-100000.00
6/13/2015 11:00	10.40	6.00	11.50	15.70	-100000.00
6/13/2015 11:15	8.60	7.20	14.70	21.60	-100000.00
6/13/2015 11:30	14.20	23.30	11.90	11.30	23.30
6/13/2015 11:45	12.50	10.00	5.70	37.20	-100000.00
6/13/2015 12:00	15.70	31.00	12.10	10.10	31.00
6/13/2015 12:15	6.70	20.90	11.90	8.80	20.90
6/13/2015 12:30	13.30	9.00	6.40	51.90	-100000.00
6/13/2015 12:45	8.90	45.20	9.00	7.10	45.20
6/13/2015 13:00	12.40	11.20	5.40	41.10	-100000.00
6/13/2015 13:15	18.30	72.80	14.10	12.20	72.80
6/13/2015 13:30	16.60	43.10	17.80	15.50	43.10
6/13/2015 13:45	15.00	39.10	24.80	16.90	39.10
6/13/2015 14:00	10.40	21.00	15.10	11.00	21.00
6/13/2015 14:15	11.50	38.50	21.50	14.40	38.50
6/13/2015 14:30	18.50	16.40	10.00	36.40	-100000.00
6/13/2015 14:45	18.50	16.70	7.00	16.80	-100000.00
6/13/2015 15:00	17.20	13.70	8.50	43.20	-100000.00
6/13/2015 15:15	8.40	70.30	16.30	14.00	70.30
6/13/2015 15:30	23.80	22.10	16.10	19.60	23.80
6/13/2015 15:45	23.00	23.00	17.70	17.70	23.00
6/13/2015 16:00	22.00	51.00	14.80	14.10	51.00
6/13/2015 16:15	13.50	14.00	17.50	38.00	-100000.00
6/13/2015 16:30	13.50	11.60	17.30	49.90	-100000.00
6/13/2015 16:45	13.50	52.80	12.60	12.50	52.80
6/13/2015 17:00	14.10	51.30	14.40	14.80	51.30
6/13/2015 17:15	12.70	28.30	18.20	13.20	28.30
6/13/2015 17:30	9.90	26.90	17.90	14.10	26.90



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/13/2015 17:45	7.10	21.60	15.50	13.70	21.60
6/13/2015 18:00	8.70	23.30	17.20	15.70	23.30
6/13/2015 18:15	8.40	32.40	22.90	22.20	32.40
6/13/2015 18:30	5.70	18.90	20.00	19.30	18.90
6/13/2015 18:45	8.10	18.00	16.90	17.80	18.00
6/13/2015 19:00	6.80	23.40	15.90	16.50	23.40
6/13/2015 19:15	6.60	25.20	16.10	16.30	25.20
6/13/2015 19:30	8.10	33.60	16.20	16.80	33.60
6/13/2015 19:45	7.40	29.30	16.30	16.50	29.30
6/13/2015 20:00	6.90	32.80	17.30	17.20	32.80
6/13/2015 20:15	7.50	27.90	16.80	15.10	27.90
6/13/2015 20:30	7.20	20.70	15.50	15.10	20.70
6/13/2015 20:45	8.60	19.60	15.20	15.10	19.60
6/13/2015 21:00	7.20	17.20	14.60	14.70	17.20
6/13/2015 21:15	6.40	23.00	14.30	13.50	23.00
6/13/2015 21:30	6.10	18.70	13.40	13.20	18.70
6/13/2015 21:45	5.80	17.40	13.60	15.90	17.40
6/13/2015 22:00	5.90	15.70	14.00	14.50	15.70
6/13/2015 22:15	5.70	18.40	13.00	14.00	18.40
6/13/2015 22:30	5.60	19.80	12.40	14.20	19.80
6/13/2015 22:45	6.10	18.50	12.50	12.40	18.50
6/13/2015 23:00	5.60	17.10	13.40	11.90	17.10
6/13/2015 23:15	5.80	16.60	15.90	12.50	16.60
6/13/2015 23:30	5.20	14.90	13.20	15.80	14.90
6/13/2015 23:45	3.40	15.20	9.60	16.90	15.20
6/14/2015 0:00	4.30	14.30	9.10	17.10	14.30
6/14/2015 0:15	8.30	16.90	3.00	14.10	-100000.00
6/14/2015 0:30	5.10	13.30	9.30	13.60	13.30
6/14/2015 0:45	5.30	13.00	10.40	16.00	13.00
6/14/2015 1:00	3.10	16.80	11.20	16.30	16.80
6/14/2015 1:15	2.90	15.90	11.50	16.10	15.90
6/14/2015 1:30	11.10	17.10	4.00	13.50	-100000.00
6/14/2015 1:45	3.30	16.10	14.90	16.90	16.10
6/14/2015 2:00	10.90	17.60	3.70	15.20	-100000.00
6/14/2015 2:15	3.70	16.10	9.90	15.10	16.10
6/14/2015 2:30	3.50	13.80	8.70	15.40	13.80
6/14/2015 2:45	9.80	12.70	3.60	14.60	-100000.00
6/14/2015 3:00	3.30	13.60	9.60	12.30	13.60
6/14/2015 3:15	2.90	14.60	10.90	12.80	14.60
6/14/2015 3:30	3.50	11.80	10.20	13.10	11.80
6/14/2015 3:45	3.30	11.70	8.00	12.70	11.70
6/14/2015 4:00	3.40	10.20	5.50	12.90	10.20
6/14/2015 4:15	2.90	12.00	5.60	13.00	12.00
6/14/2015 4:30	3.20	11.30	4.10	11.30	11.30
6/14/2015 4:45	5.00	10.70	3.20	9.80	-100000.00
6/14/2015 5:00	4.60	11.30	2.70	11.50	-100000.00
6/14/2015 5:15	5.80	11.50	2.80	11.20	-100000.00
6/14/2015 5:30	2.60	14.20	6.90	11.70	14.20
6/14/2015 5:45	8.20	12.00	2.70	14.10	-100000.00
6/14/2015 6:00	5.90	12.10	2.70	10.70	-100000.00
6/14/2015 6:15	5.10	11.80	2.90	12.10	-100000.00
6/14/2015 6:30	2.80	8.20	5.40	11.60	8.20
6/14/2015 6:45	2.80	4.90	4.60	11.60	4.90
6/14/2015 7:00	3.40	5.90	7.20	11.00	5.90
6/14/2015 7:15	3.20	5.80	4.00	11.10	5.80
6/14/2015 7:30	3.00	8.50	5.10	8.90	8.50
6/14/2015 7:45	2.90	11.40	8.20	9.10	11.40
6/14/2015 8:00	2.40	12.50	6.50	9.10	12.50
6/14/2015 8:15	3.00	10.80	6.50	10.70	10.80
6/14/2015 8:30	3.20	5.70	5.70	9.60	5.70
6/14/2015 8:45	3.00	6.00	6.80	8.20	6.00
6/14/2015 9:00	2.40	10.80	3.60	7.70	10.80
6/14/2015 9:15	3.00	6.40	2.20	6.50	6.40
6/14/2015 9:30	2.30	6.50	3.30	6.90	-100000.00
6/14/2015 9:45	2.70	8.40	1.90	9.40	8.40
6/14/2015 10:00	2.30	9.00	1.60	7.30	9.00
6/14/2015 10:15	2.40	9.30	2.30	9.30	9.30
6/14/2015 10:30	2.80	9.40	2.10	10.30	9.40
6/14/2015 10:45	2.50	10.00	2.80	6.60	-100000.00
6/14/2015 11:00	2.90	5.90	5.00	9.00	5.90
6/14/2015 11:15	2.80	7.20	6.40	7.40	7.20
6/14/2015 11:30	7.30	8.90	3.50	5.00	-100000.00
6/14/2015 11:45	6.60	7.00	2.90	5.10	-100000.00
6/14/2015 12:00	3.00	8.20	6.60	6.90	8.20
6/14/2015 12:15	2.50	7.40	16.40	19.60	7.40
6/14/2015 12:30	3.40	8.80	12.80	11.90	8.80
6/14/2015 12:45	3.00	8.30	6.10	8.10	8.30
6/14/2015 13:00	2.90	8.70	11.30	6.50	8.70
6/14/2015 13:15	3.00	16.80	13.30	8.10	16.80
6/14/2015 13:30	4.20	30.70	11.20	10.40	30.70
6/14/2015 13:45	5.40	36.20	11.00	18.70	36.20
6/14/2015 14:00	10.70	19.80	2.20	34.40	-100000.00
6/14/2015 14:15	9.00	18.40	3.30	34.60	-100000.00
6/14/2015 14:30	2.50	36.40	8.50	20.20	36.40
6/14/2015 14:45	12.90	14.50	8.40	20.00	14.50
6/14/2015 15:00	15.00	15.00	11.40	17.90	15.00
6/14/2015 15:15	11.90	11.90	50.60	8.20	11.90
6/14/2015 15:30	13.60	20.40	22.90	5.30	20.40
6/14/2015 15:45	18.20	5.60	13.50	36.40	-100000.00



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5-2-15 to 8-17-15
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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/14/2015 16:00	16.00	5.50	8.80	39.20	-100000.00
6/14/2015 16:15	10.20	11.10	33.70	6.70	11.10
6/14/2015 16:30	69.20	6.50	9.40	30.60	-100000.00
6/14/2015 16:45	57.10	5.60	8.70	9.60	-100000.00
6/14/2015 17:00	8.80	7.00	40.10	6.10	8.80
6/14/2015 17:15	9.00	11.30	69.30	5.90	11.30
6/14/2015 17:30	56.60	5.80	6.30	43.60	-100000.00
6/14/2015 17:45	24.60	5.40	9.00	11.10	-100000.00
6/14/2015 18:00	43.30	5.90	4.90	19.70	-100000.00
6/14/2015 18:15	13.60	5.00	9.40	24.60	-100000.00
6/14/2015 18:30	7.00	32.30	25.20	4.60	32.30
6/14/2015 18:45	5.60	21.50	15.20	4.50	21.50
6/14/2015 19:00	7.70	21.70	5.00	4.50	21.70
6/14/2015 19:15	7.50	18.30	6.90	5.10	18.30
6/14/2015 19:30	16.90	20.20	32.20	5.00	20.20
6/14/2015 19:45	18.30	19.40	25.70	4.60	19.40
6/14/2015 20:00	11.70	21.30	35.70	4.90	21.30
6/14/2015 20:15	7.10	21.40	37.70	6.20	21.40
6/14/2015 20:30	9.10	17.90	33.70	5.30	17.90
6/14/2015 20:45	29.90	10.70	7.80	27.50	-100000.00
6/14/2015 21:00	22.70	9.20	5.90	26.60	-100000.00
6/14/2015 21:15	5.00	28.10	13.50	18.40	28.10
6/14/2015 21:30	15.30	22.10	4.30	21.80	-100000.00
6/14/2015 21:45	28.10	17.00	5.10	19.60	-100000.00
6/14/2015 22:00	24.90	18.40	4.80	42.00	-100000.00
6/14/2015 22:15	28.80	18.60	4.40	23.70	-100000.00
6/14/2015 22:30	27.40	10.00	3.90	19.60	-100000.00
6/14/2015 22:45	22.40	8.80	3.10	20.20	-100000.00
6/14/2015 23:00	18.70	16.50	4.90	26.60	-100000.00
6/14/2015 23:15	21.40	17.80	7.60	11.30	-100000.00
6/14/2015 23:30	7.60	12.30	22.40	21.20	12.30
6/14/2015 23:45	2.80	13.00	22.50	19.80	13.00
6/15/2015 0:00	21.20	19.60	3.10	19.00	-100000.00
6/15/2015 0:15	3.80	14.10	17.20	18.80	14.10
6/15/2015 0:30	4.50	20.20	12.70	17.80	20.20
6/15/2015 0:45	13.30	18.60	4.10	17.60	-100000.00
6/15/2015 1:00	5.00	19.20	14.80	18.20	19.20
6/15/2015 1:15	13.50	18.90	5.40	16.80	-100000.00
6/15/2015 1:30	5.10	19.70	8.70	19.60	19.70
6/15/2015 1:45	4.80	19.30	4.70	18.00	-100000.00
6/15/2015 2:00	3.10	7.90	4.20	20.00	7.90
6/15/2015 2:15	5.10	7.90	3.30	18.70	7.90
6/15/2015 2:30	5.00	7.10	5.80	19.00	7.10
6/15/2015 2:45	9.00	17.60	5.20	6.50	-100000.00
6/15/2015 3:00	4.70	9.50	17.30	9.50	9.50
6/15/2015 3:15	16.70	9.60	5.10	8.10	-100000.00
6/15/2015 3:30	4.10	8.70	15.90	16.80	8.70
6/15/2015 3:45	4.00	7.90	15.10	15.10	7.90
6/15/2015 4:00	4.80	8.10	12.00	12.70	8.10
6/15/2015 4:15	3.60	5.80	11.70	17.70	5.80
6/15/2015 4:30	13.40	17.70	6.50	9.80	-100000.00
6/15/2015 4:45	6.60	10.30	12.90	11.40	10.30
6/15/2015 5:00	13.30	12.20	6.10	9.90	-100000.00
6/15/2015 5:15	6.70	6.80	12.50	11.90	6.80
6/15/2015 5:30	6.80	9.00	11.60	10.90	9.00
6/15/2015 5:45	5.90	11.10	10.40	8.90	11.10
6/15/2015 6:00	3.90	14.60	10.00	8.90	14.60
6/15/2015 6:15	4.00	12.30	9.50	8.80	12.30
6/15/2015 6:30	4.10	7.60	8.40	9.00	7.60
6/15/2015 6:45	8.30	9.00	3.60	11.50	-100000.00
6/15/2015 7:00	3.70	3.70	5.90	9.40	11.30
6/15/2015 7:15	3.70	10.70	4.80	10.80	10.70
6/15/2015 7:30	4.40	8.40	5.50	12.40	8.40
6/15/2015 7:45	4.50	10.00	4.30	12.60	10.00
6/15/2015 8:00	4.20	13.20	3.60	7.10	-100000.00
6/15/2015 8:15	4.40	12.70	4.00	9.60	-100000.00
6/15/2015 8:30	4.80	6.20	5.90	9.10	-100000.00
6/15/2015 8:45	4.70	6.30	5.40	9.40	-100000.00
6/15/2015 9:00	10.80	6.00	5.40	12.00	-100000.00
6/15/2015 9:15	8.50	5.70	4.10	11.30	-100000.00
6/15/2015 9:30	6.80	5.70	3.40	11.20	-100000.00
6/15/2015 9:45	5.70	6.60	3.90	9.30	-100000.00
6/15/2015 10:00	3.50	10.40	6.20	7.20	10.40
6/15/2015 10:15	3.40	12.70	8.30	7.10	12.70
6/15/2015 10:30	3.50	12.00	9.40	7.50	12.00
6/15/2015 10:45	3.60	11.40	6.40	6.40	11.40
6/15/2015 11:00	3.80	9.00	7.20	6.10	9.00
6/15/2015 11:15	3.40	9.80	6.90	6.10	9.80
6/15/2015 11:30	3.80	9.30	7.40	7.40	9.30
6/15/2015 11:45	3.40	9.20	7.60	6.40	9.20
6/15/2015 12:00	3.40	8.80	7.20	8.80	8.80
6/15/2015 12:15	3.40	8.30	33.10	6.40	8.30
6/15/2015 12:30	8.00	10.40	3.90	8.70	-100000.00
6/15/2015 12:45	14.40	10.50	3.80	9.20	-100000.00
6/15/2015 13:00	46.80	6.10	6.40	16.70	-100000.00
6/15/2015 13:15	14.00	5.20	4.60	19.50	-100000.00
6/15/2015 13:30	4.30	17.30	17.40	5.20	17.30
6/15/2015 13:45	3.10	15.70	29.50	5.40	15.70
6/15/2015 14:00	3.70	15.10	35.40	5.50	15.10



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/15/2015 14:15	21.30	30.80	4.20	15.50	-100000.00
6/15/2015 14:30	23.80	39.60	3.00	15.80	-100000.00
6/15/2015 14:45	28.70	20.60	3.40	19.20	-100000.00
6/15/2015 15:00	3.00	21.70	17.20	37.10	21.70
6/15/2015 15:15	3.20	20.60	15.20	32.80	20.60
6/15/2015 15:30	3.10	14.80	7.00	30.30	14.80
6/15/2015 15:45	4.00	14.80	7.40	32.00	14.80
6/15/2015 16:00	3.70	13.50	21.90	36.40	13.50
6/15/2015 16:15	131.70	31.20	5.00	11.30	-100000.00
6/15/2015 16:30	114.60	31.30	3.80	9.30	-100000.00
6/15/2015 16:45	43.70	35.50	4.10	18.20	-100000.00
6/15/2015 17:00	4.40	15.20	39.40	30.70	15.20
6/15/2015 17:15	90.80	27.30	3.40	14.20	-100000.00
6/15/2015 17:30	4.80	12.50	71.90	31.70	12.50
6/15/2015 17:45	57.50	27.20	5.10	9.90	-100000.00
6/15/2015 18:00	4.00	11.70	75.40	34.20	11.70
6/15/2015 18:15	4.30	12.90	67.80	55.10	12.90
6/15/2015 18:30	63.30	38.10	3.50	10.90	-100000.00
6/15/2015 18:45	8.30	22.20	60.30	31.00	22.20
6/15/2015 19:00	6.90	27.40	85.60	25.40	27.40
6/15/2015 19:15	8.60	29.60	24.40	29.30	29.60
6/15/2015 19:30	7.10	35.90	24.50	26.80	35.90
6/15/2015 19:45	7.20	27.60	28.10	23.70	27.60
6/15/2015 20:00	9.10	30.30	28.20	46.00	30.30
6/15/2015 20:15	9.30	24.30	56.90	25.70	24.30
6/15/2015 20:30	6.60	23.50	53.50	25.80	23.50
6/15/2015 20:45	6.10	9.40	46.30	10.60	9.40
6/15/2015 21:00	6.60	16.20	48.20	5.40	16.20
6/15/2015 21:15	8.20	20.00	51.00	4.90	20.00
6/15/2015 21:30	5.30	7.80	44.50	3.50	7.80
6/15/2015 21:45	4.10	19.30	51.60	3.60	19.30
6/15/2015 22:00	3.70	9.50	26.20	4.10	9.50
6/15/2015 22:15	5.40	15.00	18.60	17.10	15.00
6/15/2015 22:30	3.60	18.30	12.30	14.10	18.30
6/15/2015 22:45	5.20	20.10	9.80	11.40	20.10
6/15/2015 23:00	7.10	16.60	5.60	22.60	16.60
6/15/2015 23:15	5.90	8.80	11.40	6.70	8.80
6/15/2015 23:30	6.80	14.70	13.80	4.80	14.70
6/15/2015 23:45	6.00	13.50	35.00	4.30	13.50
6/16/2015 0:00	25.60	36.50	6.80	13.20	-100000.00
6/16/2015 0:15	8.60	16.90	13.20	23.50	16.90
6/16/2015 0:30	6.80	22.10	9.90	15.50	22.10
6/16/2015 0:45	7.10	13.40	12.70	17.70	13.40
6/16/2015 1:00	16.80	16.00	6.80	12.70	-100000.00
6/16/2015 1:15	20.30	14.80	9.80	10.90	-100000.00
6/16/2015 1:30	8.70	9.40	22.50	10.90	9.40
6/16/2015 1:45	18.40	11.10	9.00	11.90	-100000.00
6/16/2015 2:00	8.60	10.70	11.10	9.90	10.70
6/16/2015 2:15	5.10	10.90	19.30	9.30	10.90
6/16/2015 2:30	8.70	15.20	20.50	8.30	15.20
6/16/2015 2:45	5.20	10.00	18.20	10.10	10.00
6/16/2015 3:00	5.50	7.60	14.90	17.10	7.60
6/16/2015 3:15	3.10	5.90	13.40	21.70	5.90
6/16/2015 3:30	4.90	6.20	19.70	15.90	6.20
6/16/2015 3:45	5.90	6.40	21.50	10.40	6.40
6/16/2015 4:00	6.50	6.50	22.80	8.60	6.50
6/16/2015 4:15	6.10	6.60	24.00	8.20	6.60
6/16/2015 4:30	4.10	6.90	25.10	8.90	6.90
6/16/2015 4:45	4.50	6.50	24.80	8.60	6.50
6/16/2015 5:00	21.90	7.30	3.70	6.60	-100000.00
6/16/2015 5:15	19.00	9.00	3.50	6.20	-100000.00
6/16/2015 5:30	3.10	6.10	17.10	7.00	6.10
6/16/2015 5:45	19.10	7.30	3.00	5.80	-100000.00
6/16/2015 6:00	21.70	4.30	2.70	6.30	-100000.00
6/16/2015 6:15	10.90	3.80	2.90	5.90	-100000.00
6/16/2015 6:30	8.90	3.70	2.80	5.70	-100000.00
6/16/2015 6:45	7.70	3.80	2.60	5.90	-100000.00
6/16/2015 7:00	7.20	3.70	2.60	5.70	-100000.00
6/16/2015 7:15	2.60	6.00	6.10	3.70	6.00
6/16/2015 7:30	5.30	3.60	3.00	5.90	-100000.00
6/16/2015 7:45	8.10	3.60	3.40	5.20	-100000.00
6/16/2015 8:00	3.00	5.30	16.00	3.60	5.30
6/16/2015 8:15	3.20	4.70	15.90	3.50	4.70
6/16/2015 8:30	3.00	4.70	15.30	3.60	4.70
6/16/2015 8:45	3.20	4.50	12.30	3.60	4.50
6/16/2015 9:00	3.40	4.60	10.70	3.60	4.60
6/16/2015 9:15	2.30	4.70	9.90	3.50	4.70
6/16/2015 9:30	10.60	3.60	2.40	4.70	-100000.00
6/16/2015 9:45	12.40	3.40	2.70	4.90	-100000.00
6/16/2015 10:00	2.50	4.60	10.20	3.50	4.60
6/16/2015 10:15	3.10	4.50	11.20	3.50	4.50
6/16/2015 10:30	2.40	4.60	11.70	3.50	4.60
6/16/2015 10:45	2.60	4.80	11.40	4.70	4.80
6/16/2015 11:00	2.90	4.60	9.10	3.80	4.60
6/16/2015 11:15	9.60	5.10	2.80	4.70	-100000.00
6/16/2015 11:30	4.60	2.80	2.90	4.80	-100000.00
6/16/2015 11:45	3.00	4.90	18.50	2.80	4.90
6/16/2015 12:00	25.40	3.00	2.90	4.60	-100000.00
6/16/2015 12:15	30.40	2.90	3.10	5.70	-100000.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/16/2015 12:30	2.50	5.50	25.80	5.10	5.50
6/16/2015 12:45	2.60	9.40	31.20	16.90	9.40
6/16/2015 13:00	5.40	14.80	58.80	60.00	14.80
6/16/2015 13:15	5.10	16.50	121.40	69.80	16.50
6/16/2015 13:30	3.10	10.30	130.80	33.50	10.30
6/16/2015 13:45	4.40	11.90	78.10	57.40	11.90
6/16/2015 14:00	3.60	7.50	70.70	46.20	7.50
6/16/2015 14:15	3.60	10.50	16.80	15.40	10.50
6/16/2015 14:30	3.50	9.20	23.20	4.90	9.20
6/16/2015 14:45	7.50	12.60	24.60	6.00	12.60
6/16/2015 15:00	16.40	4.90	6.30	39.40	-100000.00
6/16/2015 15:15	16.30	11.90	6.70	84.80	-100000.00
6/16/2015 15:30	21.10	17.20	21.30	71.40	-100000.00
6/16/2015 15:45	5.90	12.70	22.10	21.00	12.70
6/16/2015 16:00	6.40	15.00	24.10	23.70	15.00
6/16/2015 16:15	23.70	22.10	8.10	16.80	-100000.00
6/16/2015 16:30	5.10	21.80	20.50	18.90	21.80
6/16/2015 16:45	21.00	19.80	5.90	22.60	-100000.00
6/16/2015 17:00	5.50	19.00	20.30	20.40	19.00
6/16/2015 17:15	19.50	17.00	9.10	19.00	-100000.00
6/16/2015 17:30	5.60	19.70	18.00	17.70	19.70
6/16/2015 17:45	5.80	17.70	19.90	17.40	17.70
6/16/2015 18:00	25.30	30.00	8.10	19.10	-100000.00
6/16/2015 18:15	24.60	24.90	11.50	21.60	-100000.00
6/16/2015 18:30	23.70	20.10	6.50	21.40	-100000.00
6/16/2015 18:45	23.20	20.00	7.10	31.30	-100000.00
6/16/2015 19:00	21.50	19.30	7.00	28.60	-100000.00
6/16/2015 19:15	22.60	20.30	21.60	26.70	-100000.00
6/16/2015 19:30	10.30	47.70	24.50	23.20	47.70
6/16/2015 19:45	5.90	22.70	25.90	24.10	22.70
6/16/2015 20:00	26.00	27.40	6.10	23.70	-100000.00
6/16/2015 20:15	33.70	26.90	6.10	20.50	-100000.00
6/16/2015 20:30	39.40	22.60	6.40	25.80	-100000.00
6/16/2015 20:45	90.30	20.20	6.80	26.20	-100000.00
6/16/2015 21:00	24.70	18.40	6.80	30.00	-100000.00
6/16/2015 21:15	104.40	16.90	6.40	26.30	-100000.00
6/16/2015 21:30	5.20	24.00	92.90	11.70	24.00
6/16/2015 21:45	6.00	21.90	245.10	13.60	21.90
6/16/2015 22:00	5.40	20.50	47.90	14.30	20.50
6/16/2015 22:15	5.50	18.80	32.60	15.70	18.80
6/16/2015 22:30	5.50	16.00	29.20	15.00	16.00
6/16/2015 22:45	4.30	14.90	22.90	10.90	14.90
6/16/2015 23:00	4.40	13.40	25.40	10.10	13.40
6/16/2015 23:15	4.00	11.90	32.30	10.50	11.90
6/16/2015 23:30	5.10	13.30	23.60	12.80	13.30
6/16/2015 23:45	5.10	12.50	22.60	9.50	12.50
6/17/2015 0:00	5.30	10.90	21.10	8.10	10.90
6/17/2015 0:15	19.90	7.50	4.30	9.60	-100000.00
6/17/2015 0:30	20.00	7.80	4.00	8.80	-100000.00
6/17/2015 0:45	18.00	7.10	3.70	9.00	-100000.00
6/17/2015 1:00	3.10	8.40	12.50	6.30	8.40
6/17/2015 1:15	13.40	5.80	3.10	9.10	-100000.00
6/17/2015 1:30	2.40	8.60	15.90	5.70	8.60
6/17/2015 1:45	14.60	5.90	2.70	7.70	-100000.00
6/17/2015 2:00	13.70	8.20	2.60	8.00	-100000.00
6/17/2015 2:15	14.30	8.10	3.10	8.00	-100000.00
6/17/2015 2:30	13.90	7.80	3.20	7.50	-100000.00
6/17/2015 2:45	13.90	6.90	2.20	7.20	-100000.00
6/17/2015 3:00	12.60	6.40	2.20	6.80	-100000.00
6/17/2015 3:15	9.50	5.80	2.40	6.90	-100000.00
6/17/2015 3:30	12.50	7.20	2.70	7.00	-100000.00
6/17/2015 3:45	9.60	10.10	2.10	7.10	-100000.00
6/17/2015 4:00	10.00	8.50	2.60	6.70	-100000.00
6/17/2015 4:15	7.70	8.20	2.50	6.70	-100000.00
6/17/2015 4:30	8.20	6.60	2.50	6.60	-100000.00
6/17/2015 4:45	7.90	6.00	2.10	7.20	-100000.00
6/17/2015 5:00	2.60	6.70	22.50	5.90	6.70
6/17/2015 5:15	1.90	6.90	8.60	5.20	6.90
6/17/2015 5:30	10.10	5.70	2.60	5.10	-100000.00
6/17/2015 5:45	11.60	6.00	2.50	5.90	-100000.00
6/17/2015 6:00	10.20	6.90	2.20	6.80	-100000.00
6/17/2015 6:15	6.40	6.80	2.50	7.40	-100000.00
6/17/2015 6:30	8.50	5.10	2.40	6.10	-100000.00
6/17/2015 6:45	14.20	6.10	2.40	6.60	-100000.00
6/17/2015 7:00	8.70	5.60	2.80	6.60	-100000.00
6/17/2015 7:15	6.90	5.90	2.80	6.10	-100000.00
6/17/2015 7:30	6.00	6.00	2.50	7.50	-100000.00
6/17/2015 7:45	15.30	5.90	2.50	5.10	-100000.00
6/17/2015 8:00	37.30	5.60	2.40	6.50	-100000.00
6/17/2015 8:15	5.00	5.40	2.40	6.30	-100000.00
6/17/2015 8:30	4.80	5.40	2.40	5.50	-100000.00
6/17/2015 8:45	4.90	5.20	2.40	5.70	-100000.00
6/17/2015 9:00	9.20	5.10	2.40	5.50	-100000.00
6/17/2015 9:15	2.40	5.40	10.20	5.20	5.40
6/17/2015 9:30	5.60	5.40	2.40	5.90	-100000.00
6/17/2015 9:45	7.40	5.20	2.80	5.90	-100000.00
6/17/2015 10:00	10.20	6.40	2.40	6.50	-100000.00
6/17/2015 10:15	12.00	12.40	3.30	10.20	-100000.00
6/17/2015 10:30	3.50	61.80	12.00	7.90	61.80



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5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/17/2015 10:45	10.60	14.80	12.60	10.60	14.80
6/17/2015 11:00	15.10	13.50	6.80	13.70	-100000.00
6/17/2015 11:15	4.40	18.90	12.30	10.80	18.90
6/17/2015 11:30	6.70	11.20	14.10	12.00	11.20
6/17/2015 11:45	9.10	15.40	17.40	16.40	15.40
6/17/2015 12:00	4.30	13.90	25.50	20.10	13.90
6/17/2015 12:15	6.40	18.90	23.80	20.50	18.90
6/17/2015 12:30	5.10	26.70	19.30	18.80	26.70
6/17/2015 12:45	8.30	35.30	19.50	17.20	35.30
6/17/2015 13:00	5.10	23.00	18.50	18.00	23.00
6/17/2015 13:15	20.20	20.40	4.20	17.20	-100000.00
6/17/2015 13:30	19.30	19.60	4.40	20.90	-100000.00
6/17/2015 13:45	20.80	20.30	4.90	17.90	-100000.00
6/17/2015 14:00	21.20	19.60	7.70	18.50	-100000.00
6/17/2015 14:15	20.10	16.80	4.40	21.60	-100000.00
6/17/2015 14:30	16.60	15.40	8.30	39.80	-100000.00
6/17/2015 14:45	16.10	11.50	4.90	18.30	-100000.00
6/17/2015 15:00	14.80	9.20	4.90	16.90	-100000.00
6/17/2015 15:15	15.70	6.90	9.20	16.90	-100000.00
6/17/2015 15:30	11.20	37.80	14.00	6.40	37.80
6/17/2015 15:45	7.70	27.20	15.30	5.60	27.20
6/17/2015 16:00	10.50	36.00	14.00	5.70	36.00
6/17/2015 16:15	3.50	33.20	18.10	16.90	33.20
6/17/2015 16:30	28.30	25.70	3.70	12.00	-100000.00
6/17/2015 16:45	18.90	23.10	8.50	29.90	-100000.00
6/17/2015 17:00	-4.80	21.00	9.00	55.00	-100000.00
6/17/2015 17:15	5.30	26.70	-4.80	18.80	26.70
6/17/2015 17:30	4.70	24.20	-4.80	18.00	24.20
6/17/2015 17:45	5.30	19.80	-4.80	22.60	19.80
6/17/2015 18:00	4.60	20.10	-4.80	23.90	20.10
6/17/2015 18:15	5.80	23.00	-4.10	23.10	23.00
6/17/2015 18:30	5.60	23.40	-4.70	19.00	23.40
6/17/2015 18:45	5.40	20.10	-4.80	17.80	20.10
6/17/2015 19:00	4.60	23.00	-4.80	19.10	23.00
6/17/2015 19:15	7.10	32.50	-4.70	20.20	32.50
6/17/2015 19:30	5.30	27.90	-4.80	19.40	27.90
6/17/2015 19:45	5.10	22.10	-4.80	22.60	22.10
6/17/2015 20:00	4.20	21.50	-4.80	22.60	21.50
6/17/2015 20:15	4.40	19.90	-4.20	20.50	19.90
6/17/2015 20:30	-4.40	19.40	4.90	23.60	-100000.00
6/17/2015 20:45	-4.70	18.50	4.80	18.10	-100000.00
6/17/2015 21:00	-4.60	16.50	4.00	18.70	-100000.00
6/17/2015 21:15	4.80	15.00	4.40	17.20	-100000.00
6/17/2015 21:30	4.10	18.70	-3.20	14.90	18.70
6/17/2015 21:45	4.60	17.20	-4.60	14.90	17.20
6/17/2015 22:00	4.70	18.20	-4.70	15.40	18.20
6/17/2015 22:15	-4.60	12.90	4.10	16.80	-100000.00
6/17/2015 22:30	2.80	25.10	-4.80	10.90	25.10
6/17/2015 22:45	-4.80	10.50	3.70	30.20	-100000.00
6/17/2015 23:00	-4.80	10.70	3.70	27.30	-100000.00
6/17/2015 23:15	4.40	24.40	-4.80	10.30	24.40
6/17/2015 23:30	4.00	23.00	-4.70	10.80	23.00
6/17/2015 23:45	-4.80	8.30	4.10	23.30	-100000.00
6/18/2015 0:00	3.80	21.20	-4.80	12.70	21.20
6/18/2015 0:15	-4.70	13.00	3.40	18.00	-100000.00
6/18/2015 0:30	-4.70	12.10	2.90	18.50	-100000.00
6/18/2015 0:45	2.50	17.30	-4.70	12.10	17.30
6/18/2015 1:00	-4.70	10.70	2.80	16.70	-100000.00
6/18/2015 1:15	-4.80	11.00	2.60	12.10	-100000.00
6/18/2015 1:30	-4.80	11.00	2.50	10.70	-100000.00
6/18/2015 1:45	-4.70	10.90	3.40	12.20	-100000.00
6/18/2015 2:00	4.00	14.00	-4.80	11.30	14.00
6/18/2015 2:15	2.40	15.00	-4.70	11.80	15.00
6/18/2015 2:30	-4.70	11.50	2.30	8.40	-100000.00
6/18/2015 2:45	2.30	10.40	-4.80	11.70	10.40
6/18/2015 3:00	2.50	11.30	-4.80	12.10	11.30
6/18/2015 3:15	2.30	5.70	-4.80	12.30	5.70
6/18/2015 3:30	-4.80	10.90	2.30	5.30	-100000.00
6/18/2015 3:45	2.70	7.00	-4.80	10.30	7.00
6/18/2015 4:00	-4.70	9.40	2.70	6.70	-100000.00
6/18/2015 4:15	-4.70	9.20	2.60	10.50	-100000.00
6/18/2015 4:30	-4.80	9.50	2.40	5.90	-100000.00
6/18/2015 4:45	2.70	7.80	-4.80	9.20	7.80
6/18/2015 5:00	-4.80	9.00	3.20	8.30	-100000.00
6/18/2015 5:15	-4.80	9.30	3.00	6.60	-100000.00
6/18/2015 5:30	3.00	5.60	-4.80	9.10	5.60
6/18/2015 5:45	2.80	11.20	-4.70	8.90	11.20
6/18/2015 6:00	3.00	11.60	-4.70	8.50	11.60
6/18/2015 6:15	-4.70	8.70	2.80	10.50	-100000.00
6/18/2015 6:30	-4.80	8.40	2.90	8.00	-100000.00
6/18/2015 6:45	-4.80	8.20	2.60	10.30	-100000.00
6/18/2015 7:00	-4.70	8.50	3.20	8.90	-100000.00
6/18/2015 7:15	-4.80	8.50	3.20	10.20	-100000.00
6/18/2015 7:30	-4.70	8.00	2.90	10.60	-100000.00
6/18/2015 7:45	3.00	10.20	-4.80	7.50	10.20
6/18/2015 8:00	-4.70	7.60	6.20	9.70	-100000.00
6/18/2015 8:15	2.90	10.30	-4.70	7.30	10.30
6/18/2015 8:30	-4.80	7.10	4.60	6.60	-100000.00
6/18/2015 8:45	3.90	9.40	-4.80	7.40	9.40



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/18/2015 9:00	2.40	9.10	-4.70	6.80	9.10
6/18/2015 9:15	2.30	5.30	-4.80	7.20	5.30
6/18/2015 9:30	3.60	5.30	-4.80	7.40	5.30
6/18/2015 9:45	-4.70	5.70	2.70	6.60	-100000.00
6/18/2015 10:00	-4.70	6.80	2.70	7.70	-100000.00
6/18/2015 10:15	-4.80	7.10	2.90	4.70	-100000.00
6/18/2015 10:30	-4.80	5.80	2.60	7.40	-100000.00
6/18/2015 10:45	-4.80	5.80	1.80	7.60	-100000.00
6/18/2015 11:00	-4.70	6.60	2.00	5.40	-100000.00
6/18/2015 11:15	3.00	12.60	-4.70	18.90	12.60
6/18/2015 11:30	5.00	15.20	-4.70	12.70	15.20
6/18/2015 11:45	-4.80	12.20	3.80	17.90	-100000.00
6/18/2015 12:00	3.70	14.30	-4.80	12.90	14.30
6/18/2015 12:15	-4.80	12.80	5.10	21.60	-100000.00
6/18/2015 12:30	5.00	31.60	-4.80	12.80	31.60
6/18/2015 12:45	7.70	25.50	-4.70	11.20	25.50
6/18/2015 13:00	-4.80	8.40	5.30	31.20	-100000.00
6/18/2015 13:15	11.10	43.40	311.70	9.50	43.40
6/18/2015 13:30	7.10	72.00	170.70	9.50	72.00
6/18/2015 13:45	-4.80	7.30	9.50	60.60	-100000.00
6/18/2015 14:00	-4.80	8.70	7.40	33.50	-100000.00
6/18/2015 14:15	7.10	30.30	-4.80	8.40	30.30
6/18/2015 14:30	6.40	21.10	-4.70	7.40	21.10
6/18/2015 14:45	6.50	24.30	-3.30	9.10	24.30
6/18/2015 15:00	-3.30	10.40	6.80	47.90	-100000.00
6/18/2015 15:15	10.50	8.30	5.70	38.90	-100000.00
6/18/2015 15:30	75.70	8.80	5.20	56.60	-100000.00
6/18/2015 15:45	242.30	7.20	3.30	67.40	-100000.00
6/18/2015 16:00	600.90	7.40	6.10	37.80	-100000.00
6/18/2015 16:15	202.80	7.50	7.80	15.80	-100000.00
6/18/2015 16:30	130.70	7.10	6.80	16.10	-100000.00
6/18/2015 16:45	8.70	9.20	-4.80	6.10	9.20
6/18/2015 17:00	-4.70	6.30	16.70	17.50	-100000.00
6/18/2015 17:15	-3.80	7.10	9.70	18.60	-100000.00
6/18/2015 17:30	5.00	16.50	-4.70	9.30	16.50
6/18/2015 17:45	6.70	32.30	-4.80	8.90	32.30
6/18/2015 18:00	-4.80	8.00	5.80	15.60	-100000.00
6/18/2015 18:15	7.50	26.80	-4.80	9.80	26.80
6/18/2015 18:30	5.30	20.00	2.60	15.10	20.00
6/18/2015 18:45	7.70	17.00	-4.80	17.50	17.00
6/18/2015 19:00	6.10	13.90	-4.80	18.90	13.90
6/18/2015 19:15	5.50	25.50	-4.80	12.50	25.50
6/18/2015 19:30	4.90	26.90	-4.00	9.70	26.90
6/18/2015 19:45	5.70	25.50	-4.60	8.50	25.50
6/18/2015 20:00	4.30	22.50	-4.80	8.70	22.50
6/18/2015 20:15	5.50	14.10	-4.80	12.50	14.10
6/18/2015 20:30	-4.70	20.70	4.10	17.00	-100000.00
6/18/2015 20:45	3.60	14.80	-4.70	18.40	14.80
6/18/2015 21:00	-4.80	15.20	3.50	14.50	-100000.00
6/18/2015 21:15	-4.80	10.70	3.70	17.10	-100000.00
6/18/2015 21:30	-4.80	13.70	3.70	18.60	-100000.00
6/18/2015 21:45	3.80	15.80	-4.80	14.40	15.80
6/18/2015 22:00	3.90	12.40	-4.80	12.80	12.40
6/18/2015 22:15	3.90	13.80	-4.80	11.60	13.80
6/18/2015 22:30	3.60	12.70	-4.80	12.00	12.70
6/18/2015 22:45	3.40	14.60	-4.70	10.60	14.60
6/18/2015 23:00	-4.70	9.90	3.30	13.20	-100000.00
6/18/2015 23:15	-4.70	10.10	3.30	14.60	-100000.00
6/18/2015 23:30	-4.70	10.40	3.20	14.20	-100000.00
6/18/2015 23:45	3.20	14.40	-4.70	9.90	14.40
6/19/2015 0:00	-4.80	10.20	2.90	10.70	-100000.00
6/19/2015 0:15	-4.70	10.00	3.00	10.20	-100000.00
6/19/2015 0:30	3.00	9.90	-4.70	10.10	9.90
6/19/2015 0:45	2.50	9.90	-4.70	9.80	9.90
6/19/2015 1:00	-4.70	9.80	2.90	9.90	-100000.00
6/19/2015 1:15	-4.70	9.80	2.80	9.50	-100000.00
6/19/2015 1:30	2.90	9.90	-4.70	9.90	9.90
6/19/2015 1:45	2.80	9.30	-4.70	9.40	9.30
6/19/2015 2:00	3.10	9.80	-4.70	9.40	9.80
6/19/2015 2:15	2.80	10.00	-4.70	9.40	10.00
6/19/2015 2:30	-4.70	10.20	3.00	11.00	-100000.00
6/19/2015 2:45	-4.70	9.80	2.80	10.40	-100000.00
6/19/2015 3:00	2.70	11.00	-4.70	9.80	11.00
6/19/2015 3:15	-4.70	9.90	2.50	9.80	-100000.00
6/19/2015 3:30	3.10	9.30	-4.70	9.50	9.30
6/19/2015 3:45	3.00	9.60	-4.70	9.50	9.60
6/19/2015 4:00	3.20	9.40	-4.70	9.50	9.40
6/19/2015 4:15	2.70	8.50	-4.70	9.20	8.50
6/19/2015 4:30	-4.70	9.30	3.00	8.40	-100000.00
6/19/2015 4:45	2.30	8.10	-4.70	9.60	8.10
6/19/2015 5:00	2.70	8.40	-4.70	9.40	8.40
6/19/2015 5:15	2.70	6.80	-4.70	9.40	6.80
6/19/2015 5:30	2.40	8.00	-4.70	10.40	8.00
6/19/2015 5:45	2.30	8.20	-4.70	13.50	8.20
6/19/2015 6:00	2.40	6.70	-4.70	14.00	6.70
6/19/2015 6:15	2.50	7.70	-4.70	11.60	7.70
6/19/2015 6:30	2.40	6.90	-4.70	13.20	6.90
6/19/2015 6:45	2.30	6.60	-4.70	9.90	6.60
6/19/2015 7:00	-4.70	9.70	2.00	6.30	-100000.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/19/2015 7:15	-4.70	10.00	2.20	6.70	-100000.00
6/19/2015 7:30	2.20	5.80	-4.70	10.10	5.80
6/19/2015 7:45	2.10	5.90	-4.70	10.10	5.90
6/19/2015 8:00	2.10	5.40	-4.70	11.20	5.40
6/19/2015 8:15	-4.70	11.00	2.10	5.30	-100000.00
6/19/2015 8:30	2.40	5.80	-4.70	10.20	5.80
6/19/2015 8:45	2.40	5.20	-4.70	9.20	5.20
6/19/2015 9:00	2.30	6.90	-4.70	6.60	6.90
6/19/2015 9:15	-4.70	5.10	2.10	6.90	-100000.00
6/19/2015 9:30	2.10	6.00	-4.70	5.70	6.00
6/19/2015 9:45	-4.70	5.80	2.20	5.90	-100000.00
6/19/2015 10:00	-4.70	6.40	2.50	5.50	-100000.00
6/19/2015 10:15	-4.70	43.90	2.10	5.70	-100000.00
6/19/2015 10:30	-4.70	40.50	2.50	22.20	-100000.00
6/19/2015 10:45	3.80	20.80	-4.70	36.10	20.80
6/19/2015 11:00	3.10	25.30	-4.70	22.20	25.30
6/19/2015 11:15	-4.70	12.40	3.90	16.30	-100000.00
6/19/2015 11:30	3.00	10.50	-4.70	9.30	10.50
6/19/2015 11:45	2.60	10.50	-4.70	6.90	10.50
6/19/2015 12:00	-4.70	6.00	2.90	7.70	-100000.00
6/19/2015 12:15	-4.70	6.40	2.40	7.00	-100000.00
6/19/2015 12:30	2.30	6.90	-4.70	5.70	6.90
6/19/2015 12:45	2.30	6.50	-4.70	5.90	6.50
6/19/2015 13:00	-4.70	5.80	2.20	6.40	-100000.00
6/19/2015 13:15	-4.70	5.80	2.20	6.00	-100000.00
6/19/2015 13:30	-4.70	6.80	2.70	6.40	-100000.00
6/19/2015 13:45	-4.70	6.50	2.00	5.60	-100000.00
6/19/2015 14:00	-4.70	5.80	2.00	6.10	-100000.00
6/19/2015 14:15	2.30	6.20	-4.70	6.60	6.20
6/19/2015 14:30	-4.70	6.80	2.10	5.70	-100000.00
6/19/2015 14:45	-4.70	6.00	1.90	5.60	-100000.00
6/19/2015 15:00	-4.70	5.90	2.20	5.70	-100000.00
6/19/2015 15:15	-4.70	5.60	2.00	6.10	-100000.00
6/19/2015 15:30	-4.80	5.40	2.40	6.20	-100000.00
6/19/2015 15:45	-4.80	5.40	2.20	6.80	-100000.00
6/19/2015 16:00	-4.80	5.20	3.20	7.70	-100000.00
6/19/2015 16:15	-4.80	5.40	3.30	6.50	-100000.00
6/19/2015 16:30	3.20	8.80	13.30	6.00	8.80
6/19/2015 16:45	8.80	5.40	2.90	28.40	-100000.00
6/19/2015 17:00	7.70	5.90	3.70	24.90	-100000.00
6/19/2015 17:15	7.80	6.20	2.70	17.50	-100000.00
6/19/2015 17:30	6.80	5.90	3.90	10.30	-100000.00
6/19/2015 17:45	19.70	8.90	4.30	8.80	-100000.00
6/19/2015 18:00	19.40	18.90	6.70	16.40	-100000.00
6/19/2015 18:15	5.10	17.50	18.60	19.10	17.50
6/19/2015 18:30	10.10	10.70	18.90	18.80	10.70
6/19/2015 18:45	16.50	16.90	2.90	9.40	-100000.00
6/19/2015 19:00	5.50	9.80	14.60	15.90	9.80
6/19/2015 19:15	10.10	63.50	17.40	18.90	63.50
6/19/2015 19:30	4.20	26.60	17.40	18.40	26.60
6/19/2015 19:45	4.70	24.20	17.20	17.30	24.20
6/19/2015 20:00	3.30	30.00	17.10	16.90	30.00
6/19/2015 20:15	3.70	26.50	16.40	15.80	26.50
6/19/2015 20:30	4.00	21.30	16.30	14.40	21.30
6/19/2015 20:45	3.60	18.50	13.50	11.30	18.50
6/19/2015 21:00	3.40	17.20	14.90	10.10	17.20
6/19/2015 21:15	3.40	15.10	15.60	10.10	15.10
6/19/2015 21:30	3.30	15.40	15.10	8.60	15.40
6/19/2015 21:45	3.10	14.30	14.80	8.00	14.30
6/19/2015 22:00	2.90	13.50	8.00	7.50	13.50
6/19/2015 22:15	2.80	14.70	7.30	7.40	14.70
6/19/2015 22:30	3.00	14.50	9.90	7.40	14.50
6/19/2015 22:45	2.70	15.30	12.70	7.50	15.30
6/19/2015 23:00	2.70	12.30	12.60	8.90	12.30
6/19/2015 23:15	2.50	11.90	12.80	8.70	11.90
6/19/2015 23:30	2.50	12.40	11.90	7.90	12.40
6/19/2015 23:45	3.10	12.10	12.40	7.80	12.10
6/20/2015 0:00	12.60	8.40	3.40	11.00	-100000.00
6/20/2015 0:15	2.70	10.90	11.90	7.90	10.90
6/20/2015 0:30	2.70	9.60	9.20	7.60	9.60
6/20/2015 0:45	2.60	9.60	7.80	7.80	9.60
6/20/2015 1:00	2.10	8.20	11.30	7.70	8.20
6/20/2015 1:15	11.10	8.00	2.70	8.40	-100000.00
6/20/2015 1:30	10.50	8.10	2.10	8.30	-100000.00
6/20/2015 1:45	10.80	8.70	2.60	10.50	-100000.00
6/20/2015 2:00	10.30	8.60	2.60	10.00	-100000.00
6/20/2015 2:15	9.90	8.40	2.50	10.20	-100000.00
6/20/2015 2:30	9.50	8.50	2.80	12.50	-100000.00
6/20/2015 2:45	2.80	11.50	8.90	7.90	11.50
6/20/2015 3:00	9.00	7.70	2.60	10.10	-100000.00
6/20/2015 3:15	9.20	7.60	2.40	9.90	-100000.00
6/20/2015 3:30	3.00	9.10	8.50	6.90	9.10
6/20/2015 3:45	8.00	6.60	2.60	11.50	-100000.00
6/20/2015 4:00	8.60	7.50	2.60	9.60	-100000.00
6/20/2015 4:15	9.60	9.40	2.50	9.30	-100000.00
6/20/2015 4:30	9.30	9.00	2.50	8.70	-100000.00
6/20/2015 4:45	10.40	7.40	2.40	11.60	-100000.00
6/20/2015 5:00	2.70	11.30	9.80	7.40	11.30
6/20/2015 5:15	9.40	6.00	2.70	9.50	-100000.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/20/2015 5:30	2.90	10.20	9.70	6.00	10.20
6/20/2015 5:45	9.70	6.10	2.40	7.60	-100000.00
6/20/2015 6:00	10.10	6.00	2.70	9.30	-100000.00
6/20/2015 6:15	2.90	8.50	9.30	8.00	8.50
6/20/2015 6:30	2.40	7.10	8.30	7.60	7.10
6/20/2015 6:45	2.90	9.40	5.90	5.00	9.40
6/20/2015 7:00	2.50	6.60	8.80	4.90	6.60
6/20/2015 7:15	2.60	6.50	19.80	20.80	6.50
6/20/2015 7:30	2.30	8.40	20.40	18.20	8.40
6/20/2015 7:45	2.30	7.40	17.10	13.90	7.40
6/20/2015 8:00	2.80	7.70	14.10	14.70	7.70
6/20/2015 8:15	2.90	6.10	12.60	11.40	6.10
6/20/2015 8:30	2.60	9.20	11.80	11.50	9.20
6/20/2015 8:45	2.50	11.70	10.90	10.00	11.70
6/20/2015 9:00	2.50	14.60	11.20	7.70	14.60
6/20/2015 9:15	2.40	10.70	9.70	7.00	10.70
6/20/2015 9:30	2.40	11.30	9.50	6.60	11.30
6/20/2015 9:45	2.40	9.80	9.00	6.20	9.80
6/20/2015 10:00	2.50	11.00	7.40	7.20	11.00
6/20/2015 10:15	3.10	8.00	8.50	7.10	8.00
6/20/2015 10:30	2.80	7.70	7.60	6.10	7.70
6/20/2015 10:45	8.50	6.70	2.30	8.70	-100000.00
6/20/2015 11:00	9.60	6.70	2.30	7.80	-100000.00
6/20/2015 11:15	2.40	8.40	9.20	6.50	8.40
6/20/2015 11:30	7.60	6.10	2.40	10.00	-100000.00
6/20/2015 11:45	7.70	5.80	2.30	10.70	-100000.00
6/20/2015 12:00	2.20	6.80	7.50	5.30	6.80
6/20/2015 12:15	4.00	9.70	7.80	5.30	9.70
6/20/2015 12:30	5.00	10.10	7.50	5.00	10.10
6/20/2015 12:45	4.90	23.30	8.70	6.00	23.30
6/20/2015 13:00	2.80	21.80	7.70	4.90	21.80
6/20/2015 13:15	5.90	4.80	3.40	59.90	-100000.00
6/20/2015 13:30	3.20	47.20	26.90	32.90	47.20
6/20/2015 13:45	7.00	45.80	10.80	30.20	45.80
6/20/2015 14:00	4.50	63.40	12.20	28.10	63.40
6/20/2015 14:15	5.00	47.70	14.00	17.90	47.70
6/20/2015 14:30	6.50	58.40	15.10	11.00	58.40
6/20/2015 14:45	6.20	56.00	14.20	13.10	56.00
6/20/2015 15:00	13.80	16.70	6.50	52.70	-100000.00
6/20/2015 15:15	10.50	10.70	3.80	48.80	-100000.00
6/20/2015 15:30	10.90	12.40	5.50	44.60	-100000.00
6/20/2015 15:45	4.50	26.90	10.30	9.20	26.90
6/20/2015 16:00	5.40	28.50	8.80	8.90	28.50
6/20/2015 16:15	7.90	8.70	3.00	26.60	-100000.00
6/20/2015 16:30	3.60	36.60	8.70	8.20	36.60
6/20/2015 16:45	2.50	30.00	7.20	6.90	30.00
6/20/2015 17:00	2.70	32.50	8.00	9.00	32.50
6/20/2015 17:15	2.40	21.50	8.00	9.50	21.50
6/20/2015 17:30	2.70	69.00	8.40	10.90	69.00
6/20/2015 17:45	8.70	11.50	3.70	41.40	-100000.00
6/20/2015 18:00	4.60	31.00	9.00	10.10	31.00
6/20/2015 18:15	9.70	11.10	3.60	25.50	-100000.00
6/20/2015 18:30	11.70	9.50	3.70	19.80	-100000.00
6/20/2015 18:45	3.70	29.70	11.60	20.30	29.70
6/20/2015 19:00	5.80	25.00	11.00	12.10	25.00
6/20/2015 19:15	5.80	17.90	20.20	11.90	17.90
6/20/2015 19:30	22.40	17.00	5.90	16.70	-100000.00
6/20/2015 19:45	4.30	23.50	42.00	16.60	23.50
6/20/2015 20:00	4.80	27.70	61.90	11.30	27.70
6/20/2015 20:15	4.20	13.70	13.20	9.60	13.70
6/20/2015 20:30	29.90	7.80	3.00	20.40	-100000.00
6/20/2015 20:45	3.40	23.20	35.00	69.70	23.20
6/20/2015 21:00	2.20	20.10	21.20	33.60	20.10
6/20/2015 21:15	15.10	28.20	2.20	14.80	-100000.00
6/20/2015 21:30	49.70	10.00	2.00	8.80	-100000.00
6/20/2015 21:45	2.20	7.80	44.60	16.70	7.80
6/20/2015 22:00	2.50	27.70	38.40	18.10	27.70
6/20/2015 22:15	5.20	23.30	31.40	18.10	23.30
6/20/2015 22:30	29.40	17.50	2.50	29.40	-100000.00
6/20/2015 22:45	21.30	17.10	2.20	24.90	-100000.00
6/20/2015 23:00	2.30	20.60	16.70	13.10	20.60
6/20/2015 23:15	14.10	13.40	2.70	19.60	-100000.00
6/20/2015 23:30	15.10	10.60	3.50	39.80	-100000.00
6/20/2015 23:45	4.90	27.80	9.10	12.20	27.80
6/21/2015 0:00	7.50	11.20	5.20	30.40	-100000.00
6/21/2015 0:15	5.00	19.50	4.80	12.10	19.50
6/21/2015 0:30	4.30	16.20	4.20	11.60	16.20
6/21/2015 0:45	3.60	10.60	5.30	15.20	-100000.00
6/21/2015 1:00	3.40	22.70	3.60	9.10	22.70
6/21/2015 1:15	5.40	8.90	3.50	13.90	-100000.00
6/21/2015 1:30	3.10	12.80	4.00	7.50	12.80
6/21/2015 1:45	3.30	13.00	4.00	7.30	13.00
6/21/2015 2:00	2.80	13.30	2.70	8.80	13.30
6/21/2015 2:15	3.20	11.40	3.00	5.60	11.40
6/21/2015 2:30	2.80	11.90	4.50	9.00	11.90
6/21/2015 2:45	7.80	9.40	2.90	9.90	-100000.00
6/21/2015 3:00	12.70	12.40	2.90	10.60	-100000.00
6/21/2015 3:15	2.60	10.10	9.90	11.40	10.10
6/21/2015 3:30	2.50	9.90	8.80	8.90	9.90



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/21/2015 3:45	3.50	11.80	7.00	6.80	11.80
6/21/2015 4:00	2.90	10.50	6.80	7.30	10.50
6/21/2015 4:15	2.70	11.40	8.80	7.00	11.40
6/21/2015 4:30	2.80	14.10	8.50	6.70	14.10
6/21/2015 4:45	2.20	11.60	7.00	7.10	11.60
6/21/2015 13:30	4.70	5.30	5.00	9.00	-100000.00
6/21/2015 13:45	3.90	5.20	3.40	7.70	-100000.00
6/21/2015 15:00	6.90	5.30	4.30	37.10	-100000.00
6/21/2015 15:30	4.90	6.50	4.10	35.70	-100000.00
6/21/2015 15:45	4.60	6.30	4.10	24.50	-100000.00
6/21/2015 16:00	2.90	29.70	5.70	8.50	29.70
6/21/2015 16:15	3.70	10.80	5.00	7.60	10.80
6/21/2015 16:30	4.80	7.80	3.10	7.10	-100000.00
6/21/2015 16:45	2.60	14.80	10.70	7.80	14.80
6/21/2015 17:00	4.90	11.80	4.70	7.60	11.80
6/21/2015 17:15	7.00	11.80	5.10	17.50	-100000.00
6/21/2015 17:30	9.00	6.20	3.90	48.50	-100000.00
6/21/2015 17:45	3.50	38.80	8.20	8.70	38.80
6/21/2015 18:00	16.10	54.60	15.70	15.40	54.60
6/21/2015 18:15	10.90	34.00	26.80	24.90	34.00
6/21/2015 18:30	6.20	48.40	18.80	14.40	48.40
6/21/2015 18:45	4.40	20.00	17.70	11.30	20.00
6/21/2015 19:00	15.70	17.20	4.20	12.40	-100000.00
7/9/2015 4:30	2.00	-1.60	-1.20	1.00	2.00
7/9/2015 2:30	0.20	-1.80	-0.20	1.70	0.20
7/9/2015 3:30	0.00	1.70	2.70	-1.40	-100000.00
7/9/2015 13:00	-0.60	3.20	-4.40	0.90	7.60
7/9/2015 17:00	10.50	4.00	-0.80	5.90	11.30
7/9/2015 14:00	-2.80	8.30	0.80	12.00	7.50
7/9/2015 19:00	-0.90	9.90	3.90	4.30	6.00
7/9/2015 9:45	-0.50	1.90	-1.40	-1.80	3.70
7/9/2015 12:00	-1.10	3.80	4.30	4.00	0.00
7/9/2015 8:00	-1.30	0.70	-1.90	-2.00	-100000.00
7/9/2015 18:30	-0.80	5.80	4.00	3.60	2.20
7/9/2015 10:15	0.30	4.80	-0.20	-1.10	5.90
7/9/2015 7:00	-1.30	4.60	0.90	-2.10	-100000.00
7/9/2015 11:00	-0.60	9.50	1.80	1.50	8.00
7/9/2015 2:45	0.00	1.80	0.60	-1.80	-100000.00
7/9/2015 9:15	-1.10	0.60	-1.70	-1.90	2.50
7/9/2015 18:00	4.00	3.70	-0.90	5.80	4.90
7/9/2015 3:45	-0.10	2.10	1.90	-1.40	-100000.00
7/9/2015 9:00	-1.20	0.60	-1.70	-2.00	-100000.00
7/9/2015 1:30	0.00	1.50	0.70	-1.70	-100000.00
7/9/2015 15:00	0.70	12.50	3.10	9.00	9.40
7/9/2015 6:45	-1.40	1.70	-0.90	-2.00	-100000.00
7/9/2015 16:00	4.90	8.40	-0.90	6.40	9.30
7/9/2015 4:00	-0.70	2.00	0.90	-1.30	-100000.00
7/9/2015 8:30	-1.30	0.60	-1.80	-2.00	-100000.00
7/9/2015 7:15	-1.50	1.00	-1.50	-2.10	-100000.00
7/9/2015 11:15	1.40	1.10	-1.10	3.60	2.50
7/9/2015 4:15	-1.10	1.10	1.90	-1.50	-100000.00
7/9/2015 1:15	0.00	1.30	0.60	-1.80	-100000.00
7/9/2015 5:15	-1.20	3.30	-1.00	-1.60	-100000.00
7/9/2015 11:30	1.60	1.20	-1.10	3.90	2.70
7/9/2015 3:15	0.10	1.80	2.90	-1.30	-100000.00
7/9/2015 14:45	-1.70	8.90	0.90	13.60	8.00
7/9/2015 19:30	4.40	7.00	-0.90	6.30	7.90
7/9/2015 0:45	0.40	-1.50	0.10	1.20	0.40
7/9/2015 13:45	-3.00	6.90	0.80	11.90	6.10
7/9/2015 14:30	1.00	13.70	-1.20	8.80	14.90
7/9/2015 17:45	5.80	3.90	-0.90	6.00	6.70
7/9/2015 0:15	-0.10	0.90	0.20	-1.70	-100000.00
7/9/2015 6:15	-1.40	0.30	-1.60	-2.00	-100000.00
7/9/2015 0:30	0.10	0.90	0.30	-1.60	-100000.00
7/9/2015 8:15	-1.30	0.60	-1.90	-2.10	-100000.00
7/9/2015 18:45	-0.80	5.20	4.10	5.30	1.10
7/9/2015 9:30	-0.90	0.80	-1.60	-1.90	2.70
7/9/2015 12:45	-1.40	0.40	-2.20	-2.20	2.60
7/9/2015 16:15	5.30	7.50	-0.80	5.80	8.30
7/9/2015 13:30	0.80	7.60	-3.20	2.20	10.80
7/9/2015 17:30	-0.80	5.50	7.10	3.80	0.00
7/9/2015 15:30	4.40	4.70	-0.90	5.30	5.60
7/9/2015 12:30	-1.00	3.10	5.80	4.90	0.00
7/9/2015 16:45	-0.90	5.40	10.90	5.00	0.40
7/9/2015 15:45	4.90	4.30	-0.90	5.10	5.80
7/9/2015 16:30	7.00	4.50	-0.80	5.50	7.80
7/9/2015 15:15	-0.90	5.10	4.20	4.00	1.10
7/9/2015 2:15	-0.20	1.60	0.10	-2.00	-100000.00
7/9/2015 5:45	-1.30	5.30	2.00	-2.10	-100000.00
7/9/2015 19:15	-0.90	5.80	4.40	8.00	1.40
7/9/2015 0:00	0.10	-1.90	-0.20	0.80	0.10
7/9/2015 4:45	0.30	-1.50	-1.00	2.70	0.30
7/9/2015 10:00	-0.90	-1.50	0.10	3.50	0.00
7/9/2015 5:30	-1.20	2.60	13.20	-1.90	-100000.00
7/9/2015 18:15	7.40	3.60	-0.90	5.80	8.30
7/9/2015 6:30	-0.70	-2.00	-1.40	1.80	-0.70
7/9/2015 6:00	-1.40	0.30	11.70	-2.10	-100000.00
7/9/2015 8:45	-1.30	0.60	-1.80	-2.00	-100000.00
7/9/2015 10:45	-0.70	10.30	2.00	1.70	8.60



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/9/2015 10:30	-0.70	13.80	1.20	1.10	12.70
7/9/2015 13:15	0.00	3.20	-4.20	1.00	7.40
7/9/2015 17:15	9.10	3.90	-0.90	5.70	10.00
7/9/2015 7:45	-1.30	0.80	-1.90	-2.00	-100000.00
7/9/2015 7:30	-1.30	1.10	-0.90	-2.10	-100000.00
7/9/2015 14:15	-1.60	8.80	0.80	13.50	8.00
7/9/2015 12:15	-1.10	3.50	7.10	5.70	0.00
7/9/2015 3:00	0.00	2.50	1.60	-1.60	-100000.00
7/9/2015 1:00	0.80	-1.50	-0.10	1.10	0.80
7/9/2015 5:00	-1.20	2.30	0.50	-1.50	-100000.00
7/9/2015 1:45	-0.10	1.40	0.30	-1.90	-100000.00
7/9/2015 2:00	-0.20	1.50	-0.40	-1.90	-100000.00
7/9/2015 11:45	-1.10	3.10	3.30	2.50	0.60
7/10/2015 7:30	4.60	9.70	-0.80	7.50	10.50
7/10/2015 0:00	-0.80	24.90	9.50	15.00	15.40
7/10/2015 10:30	-0.90	6.90	6.30	5.20	1.70
7/10/2015 16:15	11.00	85.40	30.10	7.00	78.40
7/10/2015 18:15	11.00	18.90	11.50	8.60	10.30
7/10/2015 11:45	-0.60	7.80	4.50	4.50	3.30
7/10/2015 6:30	8.30	9.80	-0.80	22.00	10.60
7/10/2015 12:15	-0.80	33.80	23.80	14.20	19.60
7/10/2015 7:45	-0.90	4.30	6.20	9.70	0.00
7/10/2015 13:30	21.60	11.80	17.60	12.20	9.40
7/10/2015 15:15	17.60	21.10	35.00	22.70	0.00
7/10/2015 17:30	10.90	16.40	13.00	10.70	5.70
7/10/2015 13:15	17.60	8.30	38.90	29.10	0.00
7/10/2015 17:15	11.00	42.30	25.90	25.50	16.80
7/10/2015 10:45	-1.00	7.40	5.20	4.70	2.70
7/10/2015 5:30	4.50	9.60	-0.80	24.00	10.40
7/10/2015 2:00	11.40	14.60	-0.70	17.70	15.30
7/10/2015 1:00	-0.80	23.00	22.20	14.20	8.80
7/10/2015 5:00	6.20	11.60	-0.80	26.50	12.40
7/10/2015 18:45	10.90	26.60	26.10	8.40	18.20
7/10/2015 12:45	29.10	52.40	17.30	12.10	40.30
7/10/2015 6:00	-0.80	21.40	7.30	9.10	14.10
7/10/2015 4:45	5.90	11.80	-0.90	19.10	12.70
7/10/2015 19:15	11.00	20.60	25.90	7.00	13.60
7/10/2015 10:00	-0.90	7.90	6.10	3.70	4.20
7/10/2015 19:00	30.40	5.70	10.90	17.00	19.50
7/10/2015 1:45	12.40	13.90	-0.80	9.20	14.70
7/10/2015 3:45	-0.80	12.80	4.50	15.20	8.30
7/10/2015 2:45	-0.90	24.80	11.20	8.80	16.00
7/10/2015 14:15	24.60	15.00	17.60	21.40	7.10
7/10/2015 8:45	3.30	8.80	-0.80	9.00	9.60
7/10/2015 3:00	-0.80	16.50	8.70	4.00	12.50
7/10/2015 5:45	-1.00	26.20	5.90	9.70	20.30
7/10/2015 3:30	4.90	9.50	-0.90	16.80	10.40
7/10/2015 9:45	-0.90	11.50	5.50	4.50	7.00
7/10/2015 2:30	9.40	10.90	-0.80	16.20	11.70
7/10/2015 0:45	-0.80	25.50	15.30	12.20	13.30
7/10/2015 13:45	17.30	8.90	17.60	26.50	0.00
7/10/2015 0:30	-0.80	19.30	12.50	5.40	13.90
7/10/2015 12:00	-0.40	10.30	20.60	4.30	6.00
7/10/2015 3:15	7.90	13.10	-0.80	21.20	13.90
7/10/2015 4:15	-1.00	5.90	7.30	14.00	0.00
7/10/2015 10:15	-0.90	10.60	6.90	4.20	6.40
7/10/2015 14:00	17.60	13.60	14.90	9.00	8.60
7/10/2015 16:00	17.60	8.50	29.40	5.20	12.40
7/10/2015 6:15	8.50	10.70	-0.90	19.90	11.60
7/10/2015 13:00	17.40	9.50	54.50	16.00	1.40
7/10/2015 17:00	10.90	67.20	36.90	12.60	54.60
7/10/2015 15:00	17.60	17.40	23.80	27.40	0.00
7/10/2015 11:30	-0.80	10.90	3.10	3.60	7.80
7/10/2015 9:15	3.20	8.00	-0.80	10.70	8.80
7/10/2015 17:45	10.90	28.00	7.70	8.80	20.30
7/10/2015 18:30	11.00	27.50	17.60	5.00	22.50
7/10/2015 6:45	6.70	9.50	-0.70	22.00	10.20
7/10/2015 18:00	10.90	24.30	8.40	9.80	15.90
7/10/2015 7:00	5.90	8.90	-0.80	12.20	9.70
7/10/2015 11:00	-0.90	7.70	5.50	5.10	2.60
7/10/2015 1:30	11.90	13.20	-0.80	22.70	14.00
7/10/2015 4:30	-0.90	6.90	7.80	12.30	0.00
7/10/2015 8:00	-0.90	7.10	5.80	9.20	1.30
7/10/2015 15:45	22.10	26.60	17.50	15.10	11.50
7/10/2015 14:45	17.60	11.10	25.50	32.70	0.00
7/10/2015 1:15	13.20	13.30	-0.60	13.90	13.90
7/10/2015 5:15	-0.80	24.40	6.30	9.80	18.10
7/10/2015 16:45	10.90	79.70	41.10	13.10	66.60
7/10/2015 4:00	4.30	3.30	-0.90	20.60	5.20
7/10/2015 14:30	27.20	21.00	17.60	22.10	9.60
7/10/2015 16:30	11.00	34.50	33.60	8.20	26.30
7/10/2015 0:15	-0.80	15.10	10.90	14.00	4.20
7/10/2015 2:15	10.90	16.40	-0.70	17.20	17.10
7/10/2015 12:30	17.60	9.20	-0.80	18.50	18.40
7/10/2015 9:00	3.30	8.50	-0.80	7.10	9.30
7/10/2015 15:30	17.60	19.50	22.10	30.90	0.00
7/10/2015 9:30	4.50	8.20	-0.90	12.50	9.10
7/10/2015 8:30	5.00	7.00	-0.90	11.20	7.90
7/10/2015 8:15	5.40	7.50	-0.80	12.20	8.30



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/10/2015 7:15	4.90	9.00	-0.70	11.50	9.70
7/10/2015 11:15	-0.80	11.60	4.50	4.90	7.10
7/13/2015 7:45	3.40	8.40	6.50	10.60	1.90
7/13/2015 10:45	3.90	5.70	10.10	9.50	0.00
7/13/2015 0:00	9.50	23.10	9.10	9.20	14.00
7/13/2015 12:45	4.70	4.10	8.10	4.50	0.20
7/13/2015 2:15	5.90	26.40	18.50	14.00	12.40
7/13/2015 6:00	2.60	3.80	3.50	13.70	0.30
7/13/2015 12:15	7.10	5.90	6.00	3.20	3.90
7/13/2015 6:30	17.60	23.80	2.60	4.10	21.20
7/13/2015 12:30	9.50	5.20	5.40	4.10	5.40
7/13/2015 4:45	7.10	4.30	6.00	12.50	1.10
7/13/2015 13:30	6.30	8.30	9.20	8.10	0.20
7/13/2015 5:30	3.90	7.00	9.30	5.00	2.00
7/13/2015 2:00	20.00	26.20	7.00	17.20	19.20
7/13/2015 1:00	6.80	28.40	8.60	16.00	19.80
7/13/2015 5:00	4.20	17.20	5.60	4.50	12.70
7/13/2015 7:30	13.60	13.20	4.20	7.30	9.40
7/13/2015 10:30	3.30	6.70	3.10	5.60	3.60
7/13/2015 11:45	5.90	7.30	7.30	6.20	1.10
7/13/2015 1:45	16.30	33.70	5.70	15.70	28.00
7/13/2015 2:45	5.20	30.90	19.90	9.10	21.80
7/13/2015 2:30	20.30	13.40	5.60	35.90	14.70
7/13/2015 8:45	3.10	5.60	5.10	13.20	0.50
7/13/2015 10:00	1.50	3.10	3.90	6.60	0.00
7/13/2015 13:15	7.30	7.40	9.50	9.20	0.00
7/13/2015 3:00	12.00	37.50	4.40	13.50	33.10
7/13/2015 5:45	5.50	3.10	4.10	11.80	1.40
7/13/2015 13:00	7.00	6.50	5.20	5.30	1.80
7/13/2015 3:45	8.00	11.70	15.60	11.70	0.00
7/13/2015 1:30	18.30	21.20	5.90	31.10	15.30
7/13/2015 3:30	9.30	6.40	4.60	10.30	4.70
7/13/2015 4:30	6.50	4.60	7.30	24.10	0.00
7/13/2015 0:45	7.60	24.70	10.20	13.90	14.50
7/13/2015 12:00	6.40	7.20	6.80	4.20	0.00
7/13/2015 7:00	14.20	14.70	2.80	10.20	11.90
7/13/2015 11:00	4.00	6.00	9.90	7.80	0.00
7/13/2015 6:15	3.50	5.20	4.20	18.30	1.00
7/13/2015 9:15	1.90	6.00	10.30	11.60	0.00
7/13/2015 9:45	8.40	11.00	1.10	2.80	9.90
7/13/2015 11:30	6.20	5.30	5.80	7.40	0.40
7/13/2015 8:00	4.40	8.30	4.90	11.70	3.40
7/13/2015 6:45	2.00	3.50	7.20	15.10	0.00
7/13/2015 0:30	20.10	18.80	5.10	21.90	15.00
7/13/2015 3:15	4.30	10.60	14.20	12.00	0.00
7/13/2015 10:15	5.10	7.10	2.10	2.30	5.00
7/13/2015 9:00	2.70	2.70	13.60	15.00	0.00
7/13/2015 13:45	6.90	5.90	9.00	6.60	0.30
7/13/2015 9:30	8.50	10.50	2.30	2.70	8.20
7/13/2015 8:30	5.10	12.60	3.80	7.20	8.80
7/13/2015 4:00	4.30	11.10	15.50	13.10	0.00
7/13/2015 8:15	8.70	13.50	2.90	8.10	10.60
7/13/2015 7:15	13.70	15.00	2.80	7.50	12.20
7/13/2015 11:15	8.60	8.80	8.70	9.90	0.10
7/13/2015 0:15	7.10	22.50	9.00	17.90	13.50
7/13/2015 1:15	6.20	29.70	14.70	16.60	15.00
7/13/2015 5:15	9.20	4.40	3.80	7.60	5.40
7/13/2015 4:15	4.90	11.80	5.60	11.60	6.20
7/13/2015 16:45	9.40	5.90	20.40	16.40	0.00
7/13/2015 15:15	5.20	9.50	15.70	14.20	0.00
7/13/2015 17:30	12.70	7.60	6.90	6.30	6.40
7/13/2015 18:45	7.00	6.60	15.60	11.10	0.00
7/13/2015 16:15	19.20	15.00	5.20	5.20	14.00
7/13/2015 19:15	9.30	7.20	6.60	8.20	2.70
7/13/2015 19:00	9.20	6.20	17.80	8.00	1.20
7/13/2015 14:15	6.80	6.10	7.20	6.40	0.40
7/13/2015 17:15	17.30	7.90	7.10	5.80	11.50
7/13/2015 18:15	16.50	9.90	6.30	6.20	10.30
7/13/2015 14:00	8.30	5.30	5.40	5.80	2.90
7/13/2015 17:00	7.80	6.30	15.70	11.70	0.00
7/13/2015 15:00	8.30	8.30	12.90	11.80	0.00
7/13/2015 17:45	7.90	6.70	17.10	6.40	1.50
7/13/2015 18:30	16.00	13.50	7.20	6.50	9.50
7/13/2015 18:00	8.40	5.90	14.00	8.20	0.20
7/13/2015 16:00	6.30	5.60	18.10	12.90	0.00
7/13/2015 15:45	6.30	6.00	23.60	20.10	0.00
7/13/2015 14:45	18.30	15.40	8.50	10.10	9.80
7/13/2015 15:30	7.90	6.20	19.10	19.80	0.00
7/13/2015 16:30	19.70	14.40	8.10	5.70	14.00
7/13/2015 14:30	5.70	7.00	9.40	9.90	0.00
7/14/2015 0:30	12.40	12.40	9.10	8.10	4.30
7/14/2015 0:45	12.70	9.10	7.80	7.30	5.40
7/14/2015 13:45	3.30	8.10	98.60	6.30	1.80
7/14/2015 4:15	14.80	12.40	8.40	6.80	8.00
7/14/2015 3:15	9.80	3.90	7.60	7.60	2.20
7/14/2015 14:45	20.70	7.90	4.30	13.40	16.40
7/14/2015 20:45	9.40	8.10	18.70	18.80	0.00
7/14/2015 1:15	8.00	7.70	11.10	4.70	3.30
7/14/2015 5:15	10.60	6.40	10.30	7.90	2.70



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/14/2015 4:00	8.10	5.90	17.00	13.50	0.00
7/14/2015 14:30	24.20	20.40	3.90	12.30	20.30
7/14/2015 0:15	13.20	6.40	9.20	9.00	4.20
7/14/2015 6:15	12.70	10.30	6.40	7.10	6.30
7/14/2015 15:00	27.40	15.80	4.60	14.10	22.80
7/14/2015 16:00	16.80	14.40	16.10	12.60	4.20
7/14/2015 19:30	8.20	8.20	10.90	10.40	0.00
7/14/2015 23:30	9.50	8.90	12.50	9.80	0.00
7/14/2015 11:30	7.00	7.50	2.60	3.50	4.90
7/14/2015 17:45	13.20	11.40	13.70	7.50	5.70
7/14/2015 9:00	6.70	2.90	7.50	5.60	1.10
7/14/2015 20:30	25.00	18.20	9.30	9.20	15.80
7/14/2015 6:45	6.00	7.10	10.70	7.70	0.00
7/14/2015 8:30	6.60	3.30	8.40	6.70	0.00
7/14/2015 7:15	10.40	7.60	6.30	4.60	5.80
7/14/2015 11:15	8.00	6.30	1.80	3.30	6.20
7/14/2015 1:30	20.00	7.80	12.20	4.40	15.60
7/14/2015 15:45	13.60	12.70	14.80	17.50	0.00
7/14/2015 16:45	15.70	10.70	18.00	16.00	0.00
7/14/2015 16:30	14.50	13.60	16.00	9.00	5.50
7/14/2015 16:15	17.60	13.30	15.50	13.20	4.40
7/14/2015 2:15	10.40	4.20	8.00	6.80	3.60
7/14/2015 22:15	10.80	8.40	11.10	16.10	0.00
7/14/2015 15:30	15.00	14.10	17.10	20.10	0.00
7/14/2015 13:30	57.20	5.60	3.00	4.30	54.20
7/14/2015 15:15	4.60	29.50	15.40	8.10	21.40
7/14/2015 17:30	16.30	13.60	10.50	7.10	9.20
7/14/2015 12:30	4.00	4.30	17.50	31.20	0.00
7/14/2015 23:00	10.00	11.80	12.10	9.60	2.20
7/14/2015 9:30	6.10	2.60	7.00	5.50	0.60
7/14/2015 18:45	12.40	9.20	7.70	6.90	5.50
7/14/2015 21:45	9.00	7.50	13.90	12.40	0.00
7/14/2015 8:15	6.80	3.20	8.10	6.80	0.00
7/14/2015 20:00	14.40	30.40	10.00	9.00	21.40
7/14/2015 12:45	4.20	4.10	10.60	12.90	0.00
7/14/2015 22:45	10.50	12.20	11.30	8.60	3.60
7/14/2015 10:00	6.90	5.80	2.20	3.40	4.70
7/14/2015 21:00	9.40	7.00	20.10	12.20	0.00
7/14/2015 7:30	6.30	3.90	9.90	8.50	0.00
7/14/2015 21:30	8.40	7.00	16.50	11.10	0.00
7/14/2015 18:15	13.30	9.20	12.00	7.40	5.90
7/14/2015 0:00	8.30	5.20	9.40	7.90	0.40
7/14/2015 10:30	4.40	3.40	7.00	7.70	0.00
7/14/2015 1:45	8.90	7.60	11.60	4.40	4.50
7/14/2015 22:00	15.80	14.10	10.50	9.20	6.60
7/14/2015 7:45	6.40	3.70	10.50	6.60	0.00
7/14/2015 6:30	12.00	8.30	5.00	8.90	7.00
7/14/2015 12:15	10.60	18.50	3.90	4.00	14.60
7/14/2015 14:15	44.30	15.50	3.90	11.50	40.40
7/14/2015 8:45	7.20	5.60	6.70	3.10	4.10
7/14/2015 5:30	6.90	6.30	11.00	9.60	0.00
7/14/2015 13:15	3.40	4.30	9.60	28.20	0.00
7/14/2015 17:15	17.50	15.00	10.50	7.50	10.00
7/14/2015 10:45	4.60	2.60	7.00	5.50	0.00
7/14/2015 2:00	11.90	4.30	8.50	6.90	5.00
7/14/2015 5:45	11.80	9.40	7.40	5.70	6.10
7/14/2015 1:00	12.40	5.00	8.60	7.80	4.60
7/14/2015 5:00	13.20	6.80	8.90	6.90	6.30
7/14/2015 3:00	9.70	4.30	7.40	7.10	2.60
7/14/2015 11:45	11.20	9.90	4.20	3.30	7.90
7/14/2015 19:45	8.10	7.80	9.80	10.90	0.00
7/14/2015 6:00	6.70	5.00	11.10	8.60	0.00
7/14/2015 4:45	12.50	7.10	7.70	5.80	6.70
7/14/2015 20:15	15.40	8.00	27.80	23.20	0.00
7/14/2015 19:15	8.50	7.40	31.40	16.80	0.00
7/14/2015 23:15	12.70	10.10	9.40	9.40	3.30
7/14/2015 12:00	4.20	3.60	12.50	11.00	0.00
7/14/2015 22:30	10.90	8.80	9.50	12.30	1.40
7/14/2015 19:00	7.80	7.20	16.00	13.40	0.00
7/14/2015 23:45	9.40	9.20	12.30	11.10	0.00
7/14/2015 10:15	3.10	3.40	7.90	5.70	0.00
7/14/2015 3:45	16.80	11.80	8.10	6.50	10.30
7/14/2015 13:00	11.00	13.60	4.30	4.40	9.30
7/14/2015 17:00	14.90	16.90	16.70	13.10	3.80
7/14/2015 14:00	91.10	6.80	4.10	13.80	87.00
7/14/2015 2:45	5.40	4.00	8.20	7.00	0.00
7/14/2015 9:15	7.00	2.80	6.80	5.10	1.90
7/14/2015 18:30	11.50	10.50	9.10	7.50	4.00
7/14/2015 18:00	18.40	8.20	12.90	8.30	10.10
7/14/2015 7:00	10.30	8.00	6.80	4.80	5.50
7/14/2015 11:00	4.10	3.50	12.00	7.80	0.00
7/14/2015 2:30	8.70	7.50	4.50	4.10	4.60
7/14/2015 4:30	15.60	9.10	9.30	6.70	8.90
7/14/2015 3:30	8.70	4.10	7.70	7.30	1.40
7/14/2015 9:45	5.80	2.60	7.70	6.00	0.00
7/14/2015 21:15	33.20	11.60	9.50	8.90	24.30
7/14/2015 8:00	6.40	3.80	7.60	6.10	0.30
7/15/2015 11:00	8.60	6.80	12.60	-2.60	11.20
7/15/2015 9:45	11.90	9.10	14.20	10.80	1.10



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/15/2015 14:15	2.70	2.10	3.50	2.80	0.00
7/15/2015 5:45	16.80	9.50	13.70	12.20	4.60
7/15/2015 3:00	26.90	28.70	49.00	27.10	1.60
7/15/2015 3:45	15.20	15.50	15.20	15.30	0.30
7/15/2015 1:45	106.70	66.30	11.40	11.00	95.70
7/15/2015 3:30	15.90	14.80	13.90	14.60	2.00
7/15/2015 2:30	42.50	23.50	124.90	92.60	0.00
7/15/2015 2:45	70.30	49.00	34.50	30.40	39.90
7/15/2015 8:45	11.10	8.40	14.30	10.70	0.40
7/15/2015 10:00	2.70	0.60	10.60	6.10	0.00
7/15/2015 12:00	12.50	8.70	14.20	8.10	4.40
7/15/2015 19:00	3.30	3.00	19.70	34.90	0.00
7/15/2015 6:15	10.10	8.80	14.70	12.70	0.00
7/15/2015 19:30	43.30	27.50	4.40	2.40	40.90
7/15/2015 7:00	13.00	9.40	16.90	12.60	0.40
7/15/2015 11:30	12.30	8.40	14.40	-3.30	15.60
7/15/2015 9:15	12.50	9.80	13.40	12.20	0.30
7/15/2015 8:00	11.90	9.90	14.20	11.90	0.00
7/15/2015 18:30	3.00	2.20	13.40	19.00	0.00
7/15/2015 0:30	9.10	9.40	12.50	11.30	0.00
7/15/2015 6:45	14.90	10.10	13.60	12.50	2.40
7/15/2015 4:15	20.40	18.50	14.70	14.00	6.40
7/15/2015 10:15	-1.30	7.40	3.90	2.30	5.10
7/15/2015 3:15	19.80	19.00	20.70	22.10	0.00
7/15/2015 18:00	13.40	18.90	2.80	2.40	16.50
7/15/2015 15:00	1.90	2.20	3.10	2.30	0.00
7/15/2015 13:00	2.70	2.40	1.80	1.50	1.20
7/15/2015 17:00	3.10	2.10	28.90	33.70	0.00
7/15/2015 14:00	2.90	2.10	2.70	2.70	0.20
7/15/2015 16:00	6.90	9.50	2.70	2.20	7.30
7/15/2015 4:30	18.60	16.90	14.00	14.10	4.60
7/15/2015 1:30	9.60	8.70	12.00	11.10	0.00
7/15/2015 17:45	12.80	12.30	2.80	2.10	10.70
7/15/2015 0:45	9.50	9.10	12.80	12.00	0.00
7/15/2015 13:45	2.00	2.30	2.70	2.10	0.20
7/15/2015 0:15	9.20	9.40	11.60	11.60	0.00
7/15/2015 2:15	39.90	16.60	10.00	7.80	32.10
7/15/2015 15:30	3.00	2.40	4.00	3.30	0.00
7/15/2015 12:30	13.50	13.30	12.70	8.60	4.90
7/15/2015 1:15	9.60	9.10	12.20	11.00	0.00
7/15/2015 5:15	14.10	9.80	12.60	15.20	1.50
7/15/2015 14:30	2.60	2.70	2.80	2.20	0.50
7/15/2015 16:30	2.70	2.30	5.70	8.60	0.00
7/15/2015 9:00	12.70	8.80	13.30	12.90	0.00
7/15/2015 8:30	13.10	10.20	14.00	11.00	2.10
7/15/2015 9:30	12.50	9.50	13.40	11.80	0.70
7/15/2015 15:45	5.30	3.20	2.80	2.40	2.90
7/15/2015 16:45	2.90	2.60	7.50	9.00	0.00
7/15/2015 14:45	3.10	2.70	2.80	2.30	0.80
7/15/2015 7:15	12.10	10.70	15.30	11.80	0.30
7/15/2015 11:15	8.10	-4.00	10.80	8.00	0.10
7/15/2015 4:00	20.20	18.50	14.90	16.40	5.30
7/15/2015 8:15	12.70	10.30	13.80	12.20	0.50
7/15/2015 12:45	3.10	2.40	2.70	1.90	1.20
7/15/2015 6:00	17.30	9.60	16.20	12.20	5.10
7/15/2015 4:45	14.10	14.10	15.60	13.10	1.00
7/15/2015 13:30	1.90	1.60	3.10	2.20	0.00
7/15/2015 15:15	3.00	2.00	2.90	2.10	0.90
7/15/2015 17:30	2.40	2.30	15.00	12.00	0.00
7/15/2015 6:30	11.90	9.80	14.30	13.00	0.00
7/15/2015 12:15	13.50	13.50	12.10	8.40	5.10
7/15/2015 5:30	15.70	9.30	13.00	16.00	2.70
7/15/2015 13:15	7.00	5.20	3.00	2.60	4.40
7/15/2015 17:15	2.60	2.10	18.40	45.60	0.00
7/15/2015 2:00	41.10	33.40	11.70	11.20	29.90
7/15/2015 1:00	9.60	9.10	11.70	11.60	0.00
7/15/2015 5:00	13.40	11.30	14.50	13.10	0.30
7/15/2015 7:30	9.90	5.90	14.20	12.40	0.00
7/15/2015 18:45	11.50	17.60	2.70	2.00	15.60
7/15/2015 18:15	22.10	19.70	3.30	3.10	19.00
7/15/2015 11:45	12.50	8.60	12.80	0.10	12.40
7/15/2015 16:15	4.10	2.30	8.90	11.30	0.00
7/15/2015 10:30	5.20	1.20	-0.20	2.20	5.40
7/15/2015 7:45	11.50	8.50	14.20	12.60	0.00
7/15/2015 19:15	3.20	2.40	35.30	22.60	0.00
7/15/2015 10:45	5.40	1.90	3.60	5.50	1.80
7/15/2015 0:00	9.40	9.50	11.40	11.70	0.00
7/16/2015 1:00	5.80	6.20	3.20	3.30	3.00
7/16/2015 5:00	2.60	2.80	3.30	3.00	0.00
7/16/2015 21:45	-0.50	-0.40	2.30	2.30	0.00
7/16/2015 18:45	-0.40	0.10	2.50	2.10	0.00
7/16/2015 11:45	0.60	1.90	2.50	2.10	0.00
7/16/2015 20:00	2.40	2.60	-0.60	-0.10	3.20
7/16/2015 8:15	0.90	0.20	4.00	2.20	0.00
7/16/2015 19:45	2.40	1.60	-0.70	-0.20	3.10
7/16/2015 6:00	0.80	2.60	2.80	2.50	0.10
7/16/2015 4:45	2.60	2.40	2.90	3.00	0.00
7/16/2015 22:45	-0.30	-0.30	4.20	3.90	0.00
7/16/2015 16:45	-0.20	1.40	2.30	2.00	0.00



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5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/16/2015 12:45	0.10	1.20	2.50	2.50	0.00
7/16/2015 16:15	-0.40	1.10	2.50	2.80	0.00
7/16/2015 10:30	3.30	3.90	2.60	2.60	1.30
7/16/2015 16:30	-0.30	1.50	2.20	1.80	0.00
7/16/2015 2:15	4.90	3.30	3.50	3.00	1.90
7/16/2015 22:15	-0.70	-0.50	3.20	2.50	0.00
7/16/2015 13:30	0.00	0.70	2.50	1.70	0.00
7/16/2015 15:15	2.20	1.50	1.50	2.60	0.70
7/16/2015 17:30	2.50	2.00	0.00	0.30	2.50
7/16/2015 15:30	2.40	1.60	1.50	2.90	0.90
7/16/2015 12:30	0.30	1.00	2.30	1.60	0.00
7/16/2015 12:15	0.30	1.10	2.30	1.80	0.00
7/16/2015 5:30	2.40	2.60	2.60	4.00	0.00
7/16/2015 10:45	3.00	2.80	1.50	3.10	1.50
7/16/2015 2:00	5.50	3.30	3.80	5.00	1.70
7/16/2015 5:45	2.00	2.30	3.30	4.00	0.00
7/16/2015 3:00	4.90	2.60	3.20	3.30	1.70
7/16/2015 21:30	-0.70	-0.20	2.00	2.70	0.00
7/16/2015 20:15	-0.50	0.00	3.20	1.90	0.00
7/16/2015 19:15	2.10	1.50	-0.60	-0.10	2.70
7/16/2015 23:15	4.60	5.60	0.20	-0.10	5.70
7/16/2015 10:00	3.40	2.20	8.70	7.70	0.00
7/16/2015 7:30	2.90	2.70	1.00	0.50	2.40
7/16/2015 21:00	-0.30	-0.10	1.90	1.60	0.00
7/16/2015 18:15	2.40	1.70	-0.20	0.10	2.60
7/16/2015 0:00	5.00	7.30	3.10	3.20	4.20
7/16/2015 1:45	5.90	3.70	3.50	2.90	3.00
7/16/2015 22:00	-0.20	-0.20	3.00	2.20	0.00
7/16/2015 13:15	2.40	1.80	0.00	1.10	2.40
7/16/2015 17:15	-0.10	0.80	2.70	1.80	0.00
7/16/2015 7:45	1.10	0.80	3.80	3.00	0.00
7/16/2015 14:15	6.60	15.10	2.20	1.60	13.50
7/16/2015 6:30	1.10	1.90	2.70	2.40	0.00
7/16/2015 8:45	1.40	0.40	3.00	2.70	0.00
7/16/2015 18:00	-0.30	0.30	2.60	1.70	0.00
7/16/2015 3:30	4.10	3.50	3.80	2.40	1.70
7/16/2015 7:00	1.90	1.90	2.80	2.20	0.00
7/16/2015 11:00	0.80	2.60	2.30	2.10	0.50
7/16/2015 2:30	4.10	3.10	3.70	4.30	0.40
7/16/2015 4:30	3.40	3.00	3.50	3.40	0.00
7/16/2015 1:30	5.40	4.60	4.50	3.80	1.60
7/16/2015 9:45	4.60	3.00	3.30	2.80	1.80
7/16/2015 21:15	-0.60	0.20	1.80	2.30	0.00
7/16/2015 8:00	0.90	0.50	6.40	2.70	0.00
7/16/2015 12:00	0.30	1.70	2.30	1.90	0.00
7/16/2015 22:30	-0.30	-0.50	2.90	3.00	0.00
7/16/2015 0:30	3.70	3.40	6.00	6.50	0.00
7/16/2015 10:15	2.60	1.90	4.50	5.60	0.00
7/16/2015 23:45	-0.10	-0.10	5.90	4.10	0.00
7/16/2015 19:00	-0.50	-0.20	2.10	1.40	0.00
7/16/2015 3:15	4.60	2.60	3.00	4.10	1.60
7/16/2015 20:45	2.60	2.30	-0.10	-0.40	3.00
7/16/2015 13:00	-0.10	1.10	2.40	1.80	0.00
7/16/2015 17:00	-0.40	0.90	2.40	1.60	0.00
7/16/2015 3:45	3.90	3.30	3.30	2.30	1.60
7/16/2015 6:15	1.50	2.30	3.20	3.00	0.00
7/16/2015 19:30	-0.60	-0.30	2.50	1.80	0.00
7/16/2015 23:30	0.30	-0.20	3.70	3.80	0.00
7/16/2015 14:00	3.20	3.30	2.30	1.70	1.60
7/16/2015 2:45	4.40	3.10	3.20	3.20	1.20
7/16/2015 9:15	1.30	0.50	3.50	3.00	0.00
7/16/2015 11:30	0.90	1.70	2.40	2.00	0.00
7/16/2015 18:30	-0.20	0.60	3.30	1.90	0.00
7/16/2015 6:45	1.00	1.80	2.20	2.40	0.00
7/16/2015 8:30	1.20	0.30	3.30	3.70	0.00
7/16/2015 23:00	3.20	4.00	0.20	0.00	4.00
7/16/2015 9:30	2.90	2.90	1.10	0.90	2.00
7/16/2015 7:15	1.30	1.20	3.10	2.80	0.00
7/16/2015 11:15	3.00	1.70	0.80	1.40	2.20
7/16/2015 0:45	5.70	5.90	3.90	3.60	2.30
7/16/2015 13:45	2.20	1.60	0.90	2.70	1.30
7/16/2015 15:45	0.30	2.40	2.10	1.60	0.80
7/16/2015 4:15	4.40	3.30	3.20	2.70	1.70
7/16/2015 14:45	5.60	4.80	2.20	1.50	4.10
7/16/2015 1:15	6.60	6.10	3.80	3.30	3.30
7/16/2015 5:15	2.00	2.70	3.30	2.50	0.20
7/16/2015 4:00	3.80	3.00	4.10	2.80	1.00
7/16/2015 14:30	10.00	8.70	2.50	1.60	8.40
7/16/2015 15:00	3.60	3.60	2.20	1.70	1.90
7/16/2015 0:15	4.50	4.00	5.60	6.80	0.00
7/16/2015 16:00	2.10	2.20	-0.50	1.40	2.70
7/16/2015 17:45	2.60	2.00	-0.30	0.10	2.90
7/16/2015 9:00	1.20	0.80	3.40	3.20	0.00
7/16/2015 20:30	-0.40	-0.30	2.30	1.70	0.00
7/17/2015 1:30	2.10	2.80	4.00	4.10	0.00
7/17/2015 15:00	3.70	2.50	47.30	39.20	0.00
7/17/2015 16:00	5.30	3.80	46.50	41.60	0.00
7/17/2015 14:00	33.60	5.40	3.80	2.80	30.80
7/17/2015 4:30	2.60	1.90	3.60	4.10	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/17/2015 17:45	22.50	20.50	2.90	2.10	20.40
7/17/2015 20:45	10.20	11.70	5.60	2.80	8.90
7/17/2015 0:45	0.20	-0.20	3.10	3.30	0.00
7/17/2015 13:45	22.40	10.90	4.10	3.10	19.30
7/17/2015 23:45	9.20	10.60	6.60	4.40	6.20
7/17/2015 0:15	3.20	2.70	-0.30	-0.30	3.50
7/17/2015 6:15	3.80	3.60	1.40	1.30	2.50
7/17/2015 19:30	12.60	4.10	11.40	11.90	1.20
7/17/2015 23:30	8.00	9.90	4.80	3.20	6.70
7/17/2015 11:30	0.80	1.10	3.80	2.90	0.00
7/17/2015 20:30	10.60	12.70	12.30	3.40	9.30
7/17/2015 8:00	4.40	3.40	1.30	1.30	3.10
7/17/2015 3:15	3.90	3.60	1.10	0.80	3.10
7/17/2015 6:45	3.80	3.70	1.30	1.30	2.50
7/17/2015 0:30	-0.20	-0.30	4.40	3.10	0.00
7/17/2015 4:15	4.20	4.00	1.70	0.90	3.30
7/17/2015 1:15	3.00	3.00	3.50	3.50	0.00
7/17/2015 5:15	4.40	4.30	1.30	1.20	3.20
7/17/2015 14:30	31.90	4.70	3.50	2.10	29.80
7/17/2015 9:00	3.20	3.90	1.20	1.00	2.90
7/17/2015 14:45	3.40	2.00	42.10	26.40	0.00
7/17/2015 8:30	1.50	1.20	3.80	3.50	0.00
7/17/2015 15:45	37.70	31.30	4.20	2.40	35.30
7/17/2015 9:30	1.20	1.10	4.60	4.10	0.00
7/17/2015 16:45	24.20	22.90	6.50	3.60	20.60
7/17/2015 7:15	3.80	3.90	0.80	1.10	3.10
7/17/2015 11:15	0.80	1.00	3.30	3.30	0.00
7/17/2015 4:00	7.10	6.90	4.60	3.20	3.90
7/17/2015 8:15	1.50	1.10	4.50	4.70	0.00
7/17/2015 2:15	1.10	1.00	4.00	4.20	0.00
7/17/2015 22:15	5.00	3.90	9.50	12.20	0.00
7/17/2015 15:30	3.20	1.70	36.80	30.60	0.00
7/17/2015 12:30	3.90	3.00	6.50	5.30	0.00
7/17/2015 22:45	9.50	13.10	15.90	7.00	6.10
7/17/2015 21:45	9.30	11.50	14.20	3.40	8.10
7/17/2015 18:45	13.60	13.20	4.70	3.60	10.00
7/17/2015 23:00	8.40	10.20	4.90	4.60	5.60
7/17/2015 20:00	14.10	3.10	11.00	10.70	3.40
7/17/2015 16:30	43.00	36.10	3.50	2.90	40.10
7/17/2015 22:00	7.90	10.30	5.10	3.00	7.30
7/17/2015 7:45	1.20	1.30	3.80	3.50	0.00
7/17/2015 8:45	1.50	1.30	3.80	4.50	0.00
7/17/2015 19:15	12.60	12.50	8.50	2.50	10.10
7/17/2015 23:15	7.70	9.50	5.90	4.40	5.10
7/17/2015 10:45	3.40	3.00	1.00	1.70	2.40
7/17/2015 21:00	9.90	11.00	18.50	2.50	8.50
7/17/2015 12:45	4.50	2.60	3.40	3.10	1.40
7/17/2015 0:00	3.70	4.20	-0.10	-0.30	4.50
7/17/2015 6:00	1.20	1.20	4.60	4.10	0.00
7/17/2015 13:15	3.20	2.50	28.50	7.30	0.00
7/17/2015 17:15	17.40	16.50	4.40	3.80	13.60
7/17/2015 4:45	2.30	2.10	3.30	3.30	0.00
7/17/2015 13:30	3.30	2.60	19.20	5.90	0.00
7/17/2015 15:15	35.30	35.50	3.40	3.10	32.40
7/17/2015 17:30	16.70	15.20	3.70	2.30	14.40
7/17/2015 14:15	35.60	2.40	3.50	3.40	32.20
7/17/2015 12:15	3.90	2.70	8.30	6.80	0.00
7/17/2015 6:30	1.10	1.10	4.30	3.70	0.00
7/17/2015 5:30	4.10	6.00	0.90	1.10	5.10
7/17/2015 2:00	1.40	1.40	4.10	3.20	0.00
7/17/2015 5:45	1.40	1.00	5.00	4.30	0.00
7/17/2015 3:00	0.90	0.70	4.00	3.30	0.00
7/17/2015 1:00	3.30	2.60	0.00	0.00	3.30
7/17/2015 5:00	5.40	4.50	1.80	1.40	4.00
7/17/2015 7:30	1.10	1.10	4.00	3.90	0.00
7/17/2015 11:45	3.10	2.00	4.00	2.80	0.30
7/17/2015 18:15	3.60	3.00	13.50	13.60	0.00
7/17/2015 16:15	3.20	3.70	33.40	31.40	0.00
7/17/2015 10:30	8.30	7.50	3.70	3.30	5.00
7/17/2015 19:45	4.00	3.50	11.50	11.30	0.00
7/17/2015 3:30	1.30	1.10	3.50	3.40	0.00
7/17/2015 13:00	3.80	2.60	6.60	5.10	0.00
7/17/2015 17:00	4.90	4.30	18.20	17.70	0.00
7/17/2015 3:45	12.40	3.70	10.50	3.80	8.60
7/17/2015 1:45	1.70	1.70	7.30	3.80	0.00
7/17/2015 21:30	9.10	12.80	5.30	2.90	9.90
7/17/2015 2:30	0.90	0.90	3.90	4.10	0.00
7/17/2015 2:45	3.60	4.70	0.60	1.00	4.10
7/17/2015 20:15	10.70	10.70	16.70	7.60	3.10
7/17/2015 21:15	9.40	10.20	7.00	3.70	6.50
7/17/2015 12:00	6.10	6.30	3.30	2.70	3.60
7/17/2015 10:00	3.80	3.50	1.10	1.00	2.80
7/17/2015 19:00	12.80	13.80	6.70	2.40	11.40
7/17/2015 7:00	1.10	1.20	3.30	3.50	0.00
7/17/2015 11:00	4.20	3.20	1.20	1.50	3.00
7/17/2015 9:15	1.70	1.20	106.10	4.70	0.00
7/17/2015 9:45	1.10	1.00	8.20	3.40	0.00
7/17/2015 18:30	13.30	13.40	4.70	2.90	10.50
7/17/2015 22:30	9.50	11.70	5.50	4.30	7.40



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/17/2015 10:15	3.70	3.40	11.90	6.70	0.00
7/17/2015 18:00	2.60	2.40	18.30	15.40	0.00
7/18/2015 19:00	18.60	16.90	4.60	3.10	15.50
7/18/2015 10:00	2.90	2.10	5.10	4.10	0.00
7/18/2015 22:30	8.00	9.20	7.50	6.10	3.10
7/18/2015 18:15	4.20	3.30	16.60	20.30	0.00
7/18/2015 21:00	3.80	2.90	11.90	13.60	0.00
7/18/2015 2:45	7.70	2.30	3.80	2.80	4.90
7/18/2015 22:00	6.70	4.80	12.10	14.70	0.00
7/18/2015 1:45	7.80	2.90	6.90	4.40	3.40
7/18/2015 8:45	2.60	2.20	5.10	4.30	0.00
7/18/2015 14:15	9.80	7.30	9.40	12.50	0.40
7/18/2015 13:15	11.10	11.30	12.00	6.30	5.00
7/18/2015 17:15	12.40	15.40	4.60	3.70	11.70
7/18/2015 3:00	6.20	3.00	292.20	2.50	3.70
7/18/2015 5:45	3.30	3.20	3.10	2.80	0.50
7/18/2015 2:30	8.10	3.00	3.20	2.20	5.90
7/18/2015 21:30	12.20	17.40	5.20	4.00	13.40
7/18/2015 19:15	17.50	20.70	8.70	8.90	12.00
7/18/2015 23:15	8.30	10.60	8.00	6.40	4.20
7/18/2015 21:15	12.00	15.30	6.00	3.80	11.50
7/18/2015 20:15	14.80	14.00	4.20	2.90	11.90
7/18/2015 23:45	5.70	5.50	11.40	9.80	0.00
7/18/2015 10:15	2.90	2.20	4.20	1.40	1.50
7/18/2015 0:45	7.20	9.90	7.30	4.20	5.70
7/18/2015 0:30	7.30	11.40	4.00	2.40	9.00
7/18/2015 12:00	10.10	10.30	4.10	5.00	6.20
7/18/2015 3:15	7.60	2.50	3.10	2.20	5.40
7/18/2015 20:45	3.80	3.40	16.60	18.90	0.00
7/18/2015 11:30	4.40	3.10	8.30	7.70	0.00
7/18/2015 9:15	3.90	2.30	2.40	1.70	2.20
7/18/2015 17:45	6.70	5.70	11.40	15.70	0.00
7/18/2015 14:00	8.90	10.80	14.80	14.70	0.00
7/18/2015 19:30	16.40	28.90	4.80	4.90	24.10
7/18/2015 23:30	10.00	9.90	14.10	7.40	2.60
7/18/2015 3:45	6.00	2.40	6.80	3.30	2.70
7/18/2015 6:15	4.20	2.50	7.50	3.30	0.90
7/18/2015 13:00	4.50	4.10	11.30	12.90	0.00
7/18/2015 17:00	15.40	15.30	33.10	34.60	0.00
7/18/2015 15:00	8.80	6.20	12.90	14.30	0.00
7/18/2015 18:30	18.20	20.40	6.20	3.20	17.20
7/18/2015 20:30	14.70	13.50	6.70	3.90	10.80
7/18/2015 18:00	16.10	18.40	22.20	14.70	3.70
7/18/2015 6:45	3.80	3.40	5.60	4.40	0.00
7/18/2015 9:45	2.50	1.80	5.70	4.00	0.00
7/18/2015 4:30	4.00	4.80	3.70	4.10	1.10
7/18/2015 7:00	6.70	3.20	3.40	2.70	4.00
7/18/2015 11:00	16.90	14.80	5.60	3.10	13.80
7/18/2015 3:30	7.40	3.40	2.80	2.30	5.10
7/18/2015 1:30	2.90	4.10	8.10	3.90	0.20
7/18/2015 8:00	6.00	3.90	3.30	2.10	3.90
7/18/2015 1:15	7.50	6.70	4.30	4.50	3.20
7/18/2015 5:15	3.60	3.00	4.60	2.50	1.10
7/18/2015 4:15	3.30	2.60	5.50	2.80	0.50
7/18/2015 13:45	15.70	16.20	6.20	4.50	11.70
7/18/2015 15:45	10.20	12.40	46.90	15.80	0.00
7/18/2015 14:45	4.80	3.80	14.20	14.50	0.00
7/18/2015 4:00	5.50	2.20	4.40	2.70	2.80
7/18/2015 14:30	8.70	12.10	22.50	11.20	0.90
7/18/2015 16:30	8.70	11.00	7.70	7.50	3.50
7/18/2015 22:15	7.70	8.60	5.90	5.80	2.80
7/18/2015 16:00	9.10	11.70	38.90	9.20	2.50
7/18/2015 0:15	7.20	11.40	3.90	2.60	8.80
7/18/2015 9:00	2.70	1.80	5.30	4.20	0.00
7/18/2015 15:30	3.10	2.30	7.90	13.90	0.00
7/18/2015 9:30	4.50	3.80	3.50	1.60	2.90
7/18/2015 8:30	5.50	3.90	2.50	2.40	3.10
7/18/2015 8:15	3.90	2.20	5.90	4.50	0.00
7/18/2015 7:15	7.10	3.90	3.30	2.60	4.50
7/18/2015 11:15	8.60	8.30	4.50	1.60	7.00
7/18/2015 23:00	6.40	6.20	9.40	11.60	0.00
7/18/2015 21:45	15.40	6.70	12.00	12.60	3.40
7/18/2015 22:45	12.20	10.20	10.70	6.20	6.00
7/18/2015 16:45	62.30	68.00	13.20	14.70	54.80
7/18/2015 0:00	8.20	10.90	4.40	3.80	7.10
7/18/2015 10:30	9.30	5.70	3.50	1.30	8.00
7/18/2015 16:15	8.00	10.60	9.20	8.50	2.10
7/18/2015 12:45	15.70	19.80	38.20	23.90	0.00
7/18/2015 7:30	5.90	4.00	3.60	2.70	3.20
7/18/2015 2:15	6.30	6.60	4.50	2.20	4.40
7/18/2015 10:45	9.20	8.00	3.50	3.00	6.20
7/18/2015 5:30	3.60	2.90	3.70	2.30	1.30
7/18/2015 6:30	3.80	2.50	6.20	3.50	0.30
7/18/2015 12:30	8.50	8.00	20.30	17.30	0.00
7/18/2015 12:15	3.40	7.70	12.20	10.70	0.00
7/18/2015 7:45	3.50	3.60	2.70	2.80	0.90
7/18/2015 13:30	15.20	15.10	8.20	5.30	9.90
7/18/2015 15:15	6.70	2.40	8.90	12.40	0.00
7/18/2015 17:30	7.00	9.60	14.90	19.00	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/18/2015 1:00	8.00	8.60	6.10	2.70	5.90
7/18/2015 5:00	4.90	3.70	4.10	2.40	2.50
7/18/2015 2:00	7.90	3.30	4.80	3.30	4.60
7/18/2015 19:45	5.50	4.00	15.20	29.90	0.00
7/18/2015 20:00	3.10	4.60	16.60	27.70	0.00
7/18/2015 11:45	8.10	3.20	13.00	13.20	0.00
7/18/2015 18:45	20.50	19.50	20.30	12.20	8.30
7/18/2015 6:00	5.20	2.80	2.50	2.60	2.70
7/18/2015 4:45	4.30	2.20	2.70	2.20	2.10
7/19/2015 22:15	13.20	11.00	5.10	5.20	8.10
7/19/2015 2:15	8.10	6.00	8.00	7.10	1.00
7/19/2015 22:45	4.30	3.50	11.00	8.70	0.00
7/19/2015 13:30	2.50	2.00	20.60	18.30	0.00
7/19/2015 15:15	2.90	2.60	25.30	15.00	0.00
7/19/2015 17:30	4.80	4.70	14.90	12.20	0.00
7/19/2015 15:30	4.00	3.00	27.20	15.40	0.00
7/19/2015 12:30	18.80	5.60	12.10	6.80	12.00
7/19/2015 16:15	3.90	2.50	16.50	8.30	0.00
7/19/2015 20:00	13.70	16.50	2.80	2.10	14.40
7/19/2015 16:30	30.90	23.80	12.80	11.00	19.90
7/19/2015 23:00	11.80	8.60	5.50	4.10	7.70
7/19/2015 18:45	3.20	1.90	19.40	17.20	0.00
7/19/2015 21:45	13.30	13.10	4.30	3.40	9.90
7/19/2015 15:45	24.20	14.70	3.80	1.70	22.50
7/19/2015 16:45	16.20	13.00	19.70	11.50	4.70
7/19/2015 9:30	0.50	2.50	2.60	2.30	0.20
7/19/2015 12:45	2.70	2.10	15.70	10.30	0.00
7/19/2015 8:15	4.20	4.80	0.50	1.30	4.30
7/19/2015 6:00	5.90	2.30	5.40	4.00	1.90
7/19/2015 5:30	7.10	6.40	6.60	3.00	4.10
7/19/2015 14:15	3.30	1.80	24.60	20.70	0.00
7/19/2015 12:15	39.60	6.40	2.40	1.90	37.70
7/19/2015 4:45	3.00	2.70	6.80	6.20	0.00
7/19/2015 13:15	3.80	3.10	22.70	16.70	0.00
7/19/2015 17:15	3.60	2.50	17.70	11.70	0.00
7/19/2015 3:00	7.70	6.90	5.80	5.60	2.10
7/19/2015 5:45	6.50	5.10	6.50	6.60	0.00
7/19/2015 6:30	4.20	3.30	6.40	1.20	3.00
7/19/2015 2:00	7.80	6.20	7.10	6.00	1.80
7/19/2015 1:00	7.60	7.40	8.50	6.10	1.50
7/19/2015 5:00	4.80	2.60	6.60	6.60	0.00
7/19/2015 10:30	0.10	1.80	5.50	5.10	0.00
7/19/2015 18:15	2.90	1.90	26.00	14.70	0.00
7/19/2015 11:45	2.40	3.60	7.70	2.90	0.70
7/19/2015 7:30	4.20	2.60	8.80	10.20	0.00
7/19/2015 19:45	14.60	17.70	2.90	2.10	15.60
7/19/2015 22:00	12.40	12.50	10.30	5.00	7.50
7/19/2015 21:30	6.60	3.30	14.30	11.90	0.00
7/19/2015 1:45	7.50	7.20	9.90	4.60	2.90
7/19/2015 10:45	0.30	1.50	2.20	1.80	0.00
7/19/2015 8:45	3.70	3.80	0.50	2.60	3.30
7/19/2015 19:15	18.80	18.60	2.00	2.00	16.80
7/19/2015 23:15	10.90	7.40	6.10	5.90	5.00
7/19/2015 20:15	13.20	13.00	4.20	1.70	11.50
7/19/2015 7:45	6.50	6.10	4.30	3.00	3.50
7/19/2015 10:00	3.20	1.90	0.30	1.60	2.90
7/19/2015 0:00	9.80	9.50	6.70	4.90	4.90
7/19/2015 21:00	13.80	14.50	6.00	3.50	11.00
7/19/2015 9:15	1.50	5.40	2.90	2.30	3.10
7/19/2015 9:45	0.00	1.30	3.70	2.00	0.00
7/19/2015 7:00	45.00	33.10	3.80	2.70	42.30
7/19/2015 11:00	10.60	0.90	3.00	1.90	8.70
7/19/2015 8:00	4.60	4.70	6.90	3.30	1.40
7/19/2015 18:30	22.40	19.20	2.60	1.50	20.90
7/19/2015 18:00	19.80	15.90	3.30	1.60	18.20
7/19/2015 10:15	2.90	2.20	0.10	1.10	2.80
7/19/2015 22:30	12.20	9.50	4.70	4.40	7.80
7/19/2015 2:45	7.70	5.90	5.00	3.70	4.00
7/19/2015 2:30	6.50	4.80	7.60	6.70	0.00
7/19/2015 4:30	6.40	6.40	5.40	4.80	1.60
7/19/2015 14:00	3.20	2.40	22.00	13.60	0.00
7/19/2015 13:00	25.70	17.20	2.00	1.70	24.00
7/19/2015 17:00	17.90	10.20	3.80	3.60	14.30
7/19/2015 3:45	8.20	6.50	5.70	5.10	3.10
7/19/2015 3:30	6.90	6.60	4.20	3.90	3.00
7/19/2015 21:15	14.00	12.90	6.40	6.00	7.60
7/19/2015 19:00	3.10	3.30	18.90	17.10	0.00
7/19/2015 23:45	11.40	8.10	4.50	3.90	7.50
7/19/2015 12:00	2.60	2.30	21.10	3.60	0.00
7/19/2015 11:30	14.60	16.20	10.60	3.10	13.10
7/19/2015 19:30	14.70	18.00	3.30	2.10	15.90
7/19/2015 23:30	9.10	8.00	6.00	3.80	5.30
7/19/2015 0:15	10.30	10.10	10.50	10.50	0.00
7/19/2015 6:15	6.10	3.70	6.70	1.80	4.30
7/19/2015 20:30	3.90	3.00	12.30	13.80	0.00
7/19/2015 1:15	8.60	7.30	10.50	7.70	0.90
7/19/2015 5:15	6.10	5.40	2.80	3.40	3.30
7/19/2015 4:15	7.00	7.00	6.10	5.60	1.40
7/19/2015 0:30	11.20	12.00	10.60	9.80	2.20



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/19/2015 6:45	5.00	5.00	6.50	2.40	2.60
7/19/2015 3:15	7.60	6.80	7.50	6.30	1.30
7/19/2015 14:30	30.20	20.10	8.50	6.30	23.90
7/19/2015 17:45	20.20	13.40	5.00	2.70	17.90
7/19/2015 16:00	17.80	13.10	5.80	2.30	15.10
7/19/2015 1:30	9.70	8.20	5.10	5.40	4.60
7/19/2015 15:00	35.30	17.50	3.90	3.10	32.20
7/19/2015 9:00	3.20	5.80	3.00	2.80	3.00
7/19/2015 0:45	5.20	4.10	8.80	9.20	0.00
7/19/2015 13:45	20.10	14.80	26.10	26.10	0.00
7/19/2015 8:30	3.90	3.70	0.50	0.70	0.00
7/19/2015 14:45	20.40	16.60	32.50	17.60	2.80
7/19/2015 20:45	15.20	14.00	3.90	3.30	11.90
7/19/2015 4:00	5.80	5.60	7.30	7.30	0.00
7/19/2015 7:15	17.50	18.20	3.70	3.70	14.50
7/19/2015 11:15	3.40	2.00	6.00	5.70	0.00
7/20/2015 6:45	4.70	4.10	3.30	2.60	2.10
7/20/2015 4:30	7.90	6.10	3.70	2.60	5.30
7/20/2015 7:00	1.00	3.10	3.50	3.70	0.00
7/20/2015 1:30	13.00	8.30	4.50	4.50	8.50
7/20/2015 8:00	0.80	1.10	2.50	2.60	0.00
7/20/2015 23:45	9.60	9.90	19.40	2.70	7.20
7/20/2015 4:15	4.10	3.10	8.10	7.10	0.00
7/20/2015 10:15	2.80	2.10	0.30	0.50	2.50
7/20/2015 0:30	3.90	5.30	9.50	8.20	0.00
7/20/2015 0:45	8.00	8.20	5.10	3.30	4.90
7/20/2015 13:45	33.40	23.90	2.20	1.60	31.80
7/20/2015 3:15	6.70	7.30	6.40	3.90	3.40
7/20/2015 20:45	12.50	12.30	2.00	1.70	10.80
7/20/2015 14:30	2.60	1.80	26.60	21.20	0.00
7/20/2015 9:15	0.70	0.70	3.20	1.90	0.00
7/20/2015 17:45	3.00	2.10	17.10	20.00	0.00
7/20/2015 6:15	5.80	3.90	3.30	2.80	3.00
7/20/2015 16:00	7.50	6.20	16.80	12.60	0.00
7/20/2015 19:30	18.60	5.50	2.30	1.90	16.70
7/20/2015 23:30	12.20	10.90	27.70	4.10	8.10
7/20/2015 11:30	5.40	1.00	6.60	2.10	3.30
7/20/2015 13:00	15.90	11.70	2.20	1.90	14.00
7/20/2015 15:00	12.00	11.20	21.70	14.80	0.00
7/20/2015 18:30	18.80	18.30	2.10	1.70	17.10
7/20/2015 14:00	29.80	24.10	3.00	2.00	27.80
7/20/2015 20:30	12.90	11.20	2.70	2.10	10.80
7/20/2015 8:30	0.40	1.10	3.00	2.60	0.00
7/20/2015 20:00	16.90	12.10	5.70	2.20	14.70
7/20/2015 23:00	9.70	9.80	3.90	3.30	6.50
7/20/2015 9:30	2.60	2.10	0.20	0.70	2.40
7/20/2015 7:15	0.80	2.70	2.70	2.30	0.40
7/20/2015 11:15	2.50	2.70	6.50	0.60	2.10
7/20/2015 18:45	19.10	18.10	1.90	1.80	17.30
7/20/2015 21:45	12.50	10.00	10.40	2.90	9.60
7/20/2015 8:15	0.30	0.80	3.00	2.60	0.00
7/20/2015 22:45	10.60	9.80	6.50	5.10	5.50
7/20/2015 12:30	2.80	2.50	11.40	3.40	0.00
7/20/2015 15:45	2.10	1.90	17.90	13.30	0.00
7/20/2015 14:45	2.40	1.60	23.90	19.60	0.00
7/20/2015 1:15	13.10	11.00	4.60	3.80	9.30
7/20/2015 5:15	7.00	5.90	3.40	4.80	3.60
7/20/2015 16:45	16.00	9.90	2.90	2.50	13.50
7/20/2015 16:30	15.90	11.50	5.00	3.40	12.50
7/20/2015 4:00	7.30	7.30	3.00	3.00	4.30
7/20/2015 22:15	11.20	10.10	5.00	2.70	8.50
7/20/2015 0:15	5.20	4.10	8.00	8.00	0.00
7/20/2015 2:15	5.00	4.40	6.40	6.10	0.00
7/20/2015 9:00	0.30	0.90	2.80	2.00	0.00
7/20/2015 15:30	20.20	18.00	2.90	2.30	17.90
7/20/2015 2:00	9.40	8.70	5.40	5.40	4.00
7/20/2015 1:00	7.70	9.20	4.50	5.30	4.70
7/20/2015 5:00	7.50	6.50	3.50	3.00	4.50
7/20/2015 11:45	3.90	2.00	2.90	2.30	1.60
7/20/2015 19:45	20.90	14.00	3.10	1.90	19.00
7/20/2015 6:00	5.70	5.80	5.00	3.00	2.80
7/20/2015 19:15	2.30	1.70	21.00	13.80	0.00
7/20/2015 23:15	10.80	10.00	6.70	5.70	5.10
7/20/2015 4:45	6.80	5.60	4.90	3.00	3.80
7/20/2015 6:30	5.30	3.30	3.30	2.70	2.60
7/20/2015 18:15	2.40	2.20	19.70	19.40	0.00
7/20/2015 0:00	9.60	8.60	5.90	4.70	4.90
7/20/2015 10:30	0.30	0.50	2.80	1.50	0.00
7/20/2015 16:15	16.40	12.40	6.80	4.50	11.90
7/20/2015 12:45	13.90	10.70	2.70	2.10	11.80
7/20/2015 21:00	12.40	11.50	3.70	1.90	10.50
7/20/2015 7:30	3.40	2.20	0.50	2.10	2.90
7/20/2015 5:30	3.90	2.20	7.40	4.70	0.00
7/20/2015 10:45	0.40	0.50	3.20	2.40	0.00
7/20/2015 12:15	5.30	2.50	3.40	1.90	3.40
7/20/2015 13:15	22.90	15.60	2.00	1.60	21.30
7/20/2015 17:15	12.70	19.00	2.30	1.60	17.40
7/20/2015 7:45	0.50	1.50	2.70	2.50	0.00
7/20/2015 13:30	29.60	17.80	2.30	1.80	27.80



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/20/2015 15:15	20.60	17.00	4.10	2.40	18.20
7/20/2015 17:30	18.00	21.50	2.40	2.10	19.40
7/20/2015 3:00	6.50	7.30	4.20	4.60	3.10
7/20/2015 18:00	17.10	19.20	2.90	2.40	16.80
7/20/2015 5:45	6.10	5.30	3.20	4.10	2.90
7/20/2015 2:30	3.80	2.60	6.70	5.90	0.00
7/20/2015 9:45	3.90	2.20	0.40	0.60	3.50
7/20/2015 21:30	12.60	10.00	4.70	2.70	9.90
7/20/2015 11:00	2.40	0.40	6.90	6.60	0.00
7/20/2015 3:30	6.00	3.70	8.00	6.30	0.00
7/20/2015 21:15	12.00	11.00	4.20	2.50	9.50
7/20/2015 20:15	3.50	3.50	14.40	12.00	0.00
7/20/2015 19:00	20.60	17.60	4.00	2.40	18.20
7/20/2015 10:00	2.30	1.70	0.50	0.60	1.80
7/20/2015 12:00	7.50	2.00	2.60	2.20	5.30
7/20/2015 22:30	10.50	9.70	10.00	5.70	4.80
7/20/2015 2:45	4.20	2.70	7.10	6.20	0.00
7/20/2015 22:00	11.50	9.50	4.80	1.30	10.20
7/20/2015 1:45	11.10	9.20	3.80	4.50	7.30
7/20/2015 3:45	7.50	6.40	3.90	3.30	4.20
7/20/2015 17:00	15.10	7.70	2.90	1.90	13.20
7/20/2015 8:45	0.40	1.20	3.00	2.80	0.00
7/20/2015 14:15	28.60	21.20	2.10	3.40	26.50
7/21/2015 1:45	9.70	8.00	8.40	2.20	7.50
7/21/2015 8:45	1.60	0.80	3.70	2.40	0.00
7/21/2015 7:45	1.80	1.00	3.10	2.60	0.00
7/21/2015 10:00	0.50	1.00	1.90	1.70	0.00
7/21/2015 0:00	10.80	9.80	16.00	4.00	6.80
7/21/2015 14:15	22.20	7.60	1.80	1.20	21.00
7/21/2015 13:15	24.10	9.40	2.80	2.10	22.00
7/21/2015 17:15	12.10	12.20	9.40	8.20	4.00
7/21/2015 5:45	6.90	4.80	3.60	2.40	4.50
7/21/2015 6:30	6.20	4.30	3.20	2.60	3.60
7/21/2015 2:00	10.00	8.60	3.40	2.60	7.40
7/21/2015 3:00	10.30	7.10	2.40	2.30	8.00
7/21/2015 18:15	5.10	4.60	3.60	3.70	1.50
7/21/2015 7:30	1.30	1.00	2.90	2.40	0.00
7/21/2015 4:30	9.20	6.60	3.00	2.40	6.80
7/21/2015 2:30	3.50	2.00	10.70	7.40	0.00
7/21/2015 17:45	9.40	8.40	13.50	12.30	0.00
7/21/2015 2:45	10.80	7.40	3.50	2.30	8.50
7/21/2015 3:45	9.60	6.10	3.50	2.20	7.40
7/21/2015 1:30	8.80	7.70	4.70	3.30	5.50
7/21/2015 3:30	9.00	5.70	2.70	2.80	6.30
7/21/2015 13:00	2.30	1.70	27.40	11.10	0.00
7/21/2015 17:00	12.20	11.80	9.40	8.00	4.20
7/21/2015 14:00	23.40	7.70	1.90	2.90	21.50
7/21/2015 19:00	3.50	3.70	4.80	5.20	0.00
7/21/2015 12:00	22.10	7.20	1.80	1.30	20.80
7/21/2015 9:15	1.30	0.90	2.50	2.10	0.00
7/21/2015 6:15	6.70	5.10	3.30	2.40	4.30
7/21/2015 7:00	1.80	2.00	3.20	3.00	0.00
7/21/2015 11:00	7.50	1.10	2.00	2.30	5.50
7/21/2015 9:45	1.00	1.00	2.30	1.90	0.00
7/21/2015 11:30	19.90	2.60	2.10	1.60	18.30
7/21/2015 8:00	0.60	0.90	3.30	2.40	0.00
7/21/2015 18:30	3.90	3.70	4.50	4.70	0.00
7/21/2015 18:00	4.70	4.10	3.80	4.70	0.90
7/21/2015 10:15	0.80	0.90	2.30	1.60	0.00
7/21/2015 0:30	9.10	10.10	5.10	2.50	7.60
7/21/2015 3:15	9.30	6.70	2.60	2.10	7.20
7/21/2015 16:00	10.90	12.00	9.60	8.30	3.70
7/21/2015 9:00	1.00	0.80	2.40	2.30	0.00
7/21/2015 0:45	9.20	9.50	12.00	2.30	7.20
7/21/2015 13:45	23.70	8.90	2.70	1.20	22.50
7/21/2015 8:30	0.60	0.90	2.70	2.50	0.00
7/21/2015 9:30	0.80	0.80	2.10	2.60	0.00
7/21/2015 7:15	1.50	1.40	2.80	2.20	0.00
7/21/2015 11:15	15.20	1.50	1.90	1.60	13.60
7/21/2015 4:00	2.90	2.50	10.40	6.50	0.00
7/21/2015 8:15	1.20	0.90	2.90	2.50	0.00
7/21/2015 0:15	10.20	9.70	5.90	3.30	6.90
7/21/2015 4:15	10.30	6.40	3.70	4.00	6.60
7/21/2015 1:15	9.10	9.00	2.70	2.10	7.00
7/21/2015 5:15	7.40	6.90	2.80	2.50	4.90
7/21/2015 6:45	4.00	2.70	3.40	2.70	1.30
7/21/2015 14:30	19.50	9.00	3.00	1.40	18.10
7/21/2015 10:45	0.50	1.10	2.30	1.80	0.00
7/21/2015 16:45	11.60	11.80	9.90	8.10	3.70
7/21/2015 12:45	32.50	10.10	4.00	2.10	30.40
7/21/2015 6:00	6.60	3.60	3.60	3.80	3.00
7/21/2015 2:15	9.40	7.50	2.90	2.10	7.30
7/21/2015 5:30	7.80	6.90	3.30	2.60	5.20
7/21/2015 12:15	21.90	6.60	1.90	1.50	20.40
7/21/2015 4:45	8.70	6.80	3.30	2.20	6.50
7/21/2015 13:30	19.50	7.30	2.00	2.90	-100000.00
7/21/2015 17:30	9.30	5.30	13.10	12.30	0.00
7/21/2015 12:30	25.10	6.30	1.80	1.40	23.70
7/21/2015 1:00	9.60	8.70	3.90	2.30	7.30



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/21/2015 5:00	7.70	6.50	2.70	2.30	5.40
7/21/2015 16:15	12.40	12.00	9.80	8.50	3.90
7/21/2015 10:30	0.60	1.00	2.00	1.50	0.00
7/21/2015 16:30	12.00	11.70	9.60	8.40	3.60
7/21/2015 11:45	2.20	1.60	25.10	6.00	0.00
7/21/2015 18:45	3.70	3.20	4.70	4.90	0.00
7/22/2015 12:30	4.70	4.00	4.40	74.10	0.30
7/22/2015 14:45	66.70	81.30	3.90	3.50	77.80
7/22/2015 16:45	81.50	82.20	5.80	5.50	76.70
7/22/2015 15:45	76.50	80.90	5.40	4.90	76.00
7/22/2015 12:45	52.70	66.80	4.80	4.40	62.40
7/22/2015 16:30	72.00	29.70	5.00	5.00	67.00
7/22/2015 2:15	4.80	1.90	3.30	3.70	1.50
7/22/2015 15:30	66.20	75.20	5.30	4.00	71.20
7/22/2015 9:30	4.00	3.80	6.30	7.10	0.00
7/22/2015 7:15	8.70	6.30	3.70	5.80	5.00
7/22/2015 11:15	4.70	5.60	4.70	4.00	1.60
7/22/2015 8:15	3.20	6.10	3.40	2.40	3.70
7/22/2015 18:45	17.70	35.00	10.90	24.40	24.10
7/22/2015 6:30	8.60	8.90	2.90	4.50	6.00
7/22/2015 16:15	65.30	53.70	3.00	5.20	62.30
7/22/2015 18:15	42.40	47.60	23.70	33.80	23.90
7/22/2015 0:00	3.60	3.50	6.40	5.40	0.00
7/22/2015 10:30	6.20	6.60	5.10	4.20	2.40
7/22/2015 7:30	8.90	6.00	2.90	5.10	6.00
7/22/2015 12:15	4.60	44.10	5.00	4.20	39.90
7/22/2015 10:45	6.80	5.30	5.80	6.50	1.00
7/22/2015 8:45	10.20	4.70	3.00	5.20	7.20
7/22/2015 5:30	3.00	3.40	9.80	10.80	0.00
7/22/2015 13:30	4.50	4.20	38.10	41.50	0.00
7/22/2015 15:15	3.40	4.00	80.30	74.00	0.00
7/22/2015 17:30	70.50	64.60	7.30	49.80	63.20
7/22/2015 13:15	7.50	44.00	4.40	3.60	40.40
7/22/2015 17:15	63.60	71.70	6.60	7.60	65.10
7/22/2015 14:15	38.90	78.50	4.90	4.10	74.40
7/22/2015 7:45	3.60	5.00	7.90	4.40	0.60
7/22/2015 5:45	8.50	8.30	3.00	3.60	5.50
7/22/2015 1:00	2.00	2.00	3.70	3.30	0.00
7/22/2015 5:00	3.10	3.40	3.00	1.20	2.20
7/22/2015 3:00	3.40	3.50	4.50	2.00	1.50
7/22/2015 2:00	4.00	2.10	3.80	3.90	0.20
7/22/2015 11:45	4.30	4.80	6.50	5.60	0.00
7/22/2015 6:00	8.30	7.30	3.20	3.40	5.10
7/22/2015 19:15	16.90	22.80	34.80	32.50	0.00
7/22/2015 4:45	3.70	1.30	3.10	3.00	0.70
7/22/2015 10:15	3.80	4.00	6.00	6.40	0.00
7/22/2015 19:00	19.00	25.80	40.90	39.30	0.00
7/22/2015 12:00	5.70	4.40	4.90	5.50	0.80
7/22/2015 10:00	3.40	4.30	6.00	4.40	0.00
7/22/2015 2:45	4.10	1.90	3.40	3.70	0.70
7/22/2015 9:15	3.90	4.40	7.60	5.20	0.00
7/22/2015 13:00	4.60	74.90	4.20	3.30	71.60
7/22/2015 17:00	70.90	76.20	6.10	6.40	70.10
7/22/2015 1:45	3.40	3.60	3.20	1.90	1.70
7/22/2015 3:45	3.30	3.50	2.80	1.50	2.00
7/22/2015 18:30	9.80	28.30	15.00	32.20	13.30
7/22/2015 18:00	18.80	83.10	22.30	57.90	60.80
7/22/2015 2:30	3.70	3.70	4.40	1.90	1.80
7/22/2015 3:30	3.10	3.70	3.90	1.80	1.90
7/22/2015 9:45	7.00	7.50	3.50	3.70	4.00
7/22/2015 7:00	16.20	16.20	3.60	5.20	12.60
7/22/2015 11:00	5.30	3.90	4.30	6.40	1.00
7/22/2015 4:15	3.70	1.40	3.20	3.00	0.70
7/22/2015 3:15	2.60	2.20	3.50	3.90	0.00
7/22/2015 1:15	6.80	2.00	3.40	3.30	3.50
7/22/2015 5:15	3.50	2.40	3.30	3.40	0.20
7/22/2015 0:45	3.40	4.30	2.10	2.20	2.20
7/22/2015 13:45	48.60	49.40	4.20	4.00	45.40
7/22/2015 0:30	3.50	3.70	3.80	2.80	0.90
7/22/2015 4:00	3.50	1.70	3.20	4.10	0.30
7/22/2015 14:30	68.50	81.00	3.80	3.80	77.20
7/22/2015 17:45	36.50	69.30	16.60	62.50	52.70
7/22/2015 15:00	69.60	77.70	4.00	3.60	74.10
7/22/2015 11:30	4.90	4.10	4.70	5.50	0.20
7/22/2015 16:00	73.20	83.90	4.60	4.90	79.30
7/22/2015 19:30	16.70	18.90	24.60	33.50	0.00
7/22/2015 0:15	4.30	3.70	4.20	3.40	0.90
7/22/2015 6:15	6.80	6.90	3.10	4.10	3.80
7/22/2015 14:00	40.80	98.20	4.00	3.20	95.00
7/22/2015 9:00	3.70	5.20	9.50	5.50	0.00
7/22/2015 6:45	10.10	8.60	3.10	4.90	7.00
7/22/2015 8:30	6.00	1.80	3.20	6.40	2.80
7/22/2015 4:30	3.80	1.30	3.40	2.70	1.10
7/22/2015 1:30	3.60	3.20	6.20	1.80	1.80
7/22/2015 8:00	7.30	3.30	3.60	5.60	3.70
7/23/2015 9:15	8.70	13.40	6.60	18.50	6.80
7/23/2015 9:45	6.80	10.10	16.00	12.70	0.00
7/23/2015 11:30	2.80	3.20	62.40	44.90	0.00
7/23/2015 19:30	75.90	65.00	95.80	117.00	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/23/2015 23:30	31.00	46.20	19.40	18.00	28.20
7/23/2015 6:15	9.70	21.80	3.80	16.10	18.00
7/23/2015 7:00	9.20	24.40	10.90	10.70	13.70
7/23/2015 11:00	4.10	4.90	13.20	32.10	0.00
7/23/2015 20:30	28.50	43.00	94.30	61.20	0.00
7/23/2015 8:00	7.90	23.20	9.60	20.50	13.60
7/23/2015 18:30	73.20	68.20	30.20	37.40	43.00
7/23/2015 10:15	6.50	6.50	11.50	12.60	0.00
7/23/2015 3:15	11.20	23.30	22.50	20.30	3.00
7/23/2015 18:00	43.10	21.00	10.80	64.90	32.30
7/23/2015 0:30	11.50	18.60	33.00	30.80	0.00
7/23/2015 6:45	8.00	24.50	11.90	12.40	12.60
7/23/2015 17:45	14.30	74.80	68.50	23.30	51.50
7/23/2015 4:30	15.10	26.20	10.90	15.50	15.30
7/23/2015 1:30	12.70	27.40	16.80	13.60	13.80
7/23/2015 3:30	11.00	22.70	15.70	14.90	7.80
7/23/2015 15:00	2.10	3.40	69.90	168.10	0.00
7/23/2015 13:00	59.80	40.90	3.70	3.70	56.10
7/23/2015 17:00	19.40	66.60	26.00	27.60	40.60
7/23/2015 3:45	14.80	14.60	11.00	24.80	3.80
7/23/2015 0:45	28.00	29.00	10.60	25.30	18.40
7/23/2015 14:00	4.00	3.20	95.70	91.30	0.00
7/23/2015 23:45	39.60	73.10	18.50	15.40	0.00
7/23/2015 20:45	23.20	36.20	93.90	58.90	0.00
7/23/2015 12:00	50.00	71.40	5.10	5.50	66.30
7/23/2015 22:15	40.70	34.40	28.80	34.30	11.90
7/23/2015 0:15	10.80	18.30	41.40	34.70	0.00
7/23/2015 22:45	26.10	24.00	27.50	41.70	0.00
7/23/2015 15:30	53.30	74.70	11.00	10.50	64.20
7/23/2015 4:15	13.70	26.10	13.30	16.00	12.80
7/23/2015 1:15	8.70	23.40	30.10	21.70	1.70
7/23/2015 5:15	12.00	20.40	8.20	22.90	12.20
7/23/2015 23:00	20.50	17.40	27.10	39.40	0.00
7/23/2015 21:45	49.00	37.70	61.10	52.20	0.00
7/23/2015 16:30	76.30	85.60	20.80	23.60	64.80
7/23/2015 14:30	5.30	3.10	72.60	172.10	0.00
7/23/2015 13:45	89.90	38.60	2.80	6.20	87.10
7/23/2015 16:00	75.70	65.90	9.00	20.30	66.70
7/23/2015 9:00	11.00	20.00	9.00	17.90	11.00
7/23/2015 14:45	77.70	180.00	3.80	3.00	177.00
7/23/2015 15:45	69.20	152.80	12.30	14.10	140.50
7/23/2015 8:30	14.80	11.90	8.20	17.50	6.60
7/23/2015 9:30	6.60	12.50	9.40	15.30	3.10
7/23/2015 7:15	11.30	18.30	8.40	23.40	9.90
7/23/2015 11:15	14.10	37.60	3.10	3.00	34.60
7/23/2015 4:00	12.10	24.80	15.90	13.30	11.50
7/23/2015 8:15	6.90	21.40	8.40	23.20	13.00
7/23/2015 12:15	2.50	5.40	78.10	84.40	0.00
7/23/2015 6:00	3.80	18.80	10.00	20.60	8.80
7/23/2015 2:15	19.70	28.10	22.60	25.80	5.50
7/23/2015 5:30	9.10	17.90	11.40	19.90	6.50
7/23/2015 4:45	12.80	25.80	21.30	12.60	13.20
7/23/2015 13:30	83.90	21.50	4.40	4.80	79.50
7/23/2015 15:15	77.30	124.00	3.90	5.60	120.10
7/23/2015 17:30	12.30	83.90	84.70	51.50	32.40
7/23/2015 6:30	12.30	24.50	6.70	13.60	17.80
7/23/2015 12:30	28.80	48.20	3.10	4.90	45.10
7/23/2015 1:00	10.10	22.80	27.40	27.60	0.00
7/23/2015 5:00	10.90	24.30	21.40	18.80	5.50
7/23/2015 2:00	16.80	32.40	24.50	21.70	10.70
7/23/2015 11:45	73.50	48.50	5.90	6.50	67.60
7/23/2015 16:15	77.80	97.90	12.90	25.20	85.00
7/23/2015 20:00	32.70	49.00	96.50	90.20	0.00
7/23/2015 10:30	6.10	6.20	11.60	12.20	0.00
7/23/2015 19:45	96.10	77.40	40.40	119.80	55.70
7/23/2015 18:45	60.60	53.50	12.00	75.30	48.60
7/23/2015 7:30	8.90	14.10	7.90	24.20	6.20
7/23/2015 10:45	13.80	14.50	3.50	7.40	11.00
7/23/2015 7:45	7.80	22.00	9.00	19.80	13.00
7/23/2015 16:45	57.60	59.70	32.80	32.70	27.00
7/23/2015 12:45	61.90	41.60	4.90	4.00	57.90
7/23/2015 0:00	11.90	16.80	47.80	51.10	0.00
7/23/2015 21:00	31.70	35.00	97.60	53.90	0.00
7/23/2015 13:15	74.00	24.50	3.00	4.90	71.00
7/23/2015 17:15	23.70	92.00	83.90	54.80	37.20
7/23/2015 14:15	93.20	200.50	6.00	3.00	197.50
7/23/2015 5:45	10.30	17.10	6.50	20.00	10.60
7/23/2015 22:30	28.50	43.90	27.90	27.80	16.10
7/23/2015 3:00	21.70	15.70	12.30	27.00	9.40
7/23/2015 18:15	9.40	112.50	30.20	23.80	88.70
7/23/2015 21:30	84.70	37.30	47.10	38.10	46.60
7/23/2015 22:00	42.50	44.70	32.60	37.20	12.10
7/23/2015 2:45	22.20	24.10	13.80	29.20	10.30
7/23/2015 2:30	20.20	25.00	18.00	33.30	7.00
7/23/2015 1:45	14.40	32.90	26.70	21.90	11.00
7/23/2015 8:45	9.30	19.20	10.40	21.20	8.80
7/23/2015 19:15	80.00	20.40	48.40	119.80	31.60
7/23/2015 23:15	31.00	45.70	19.70	17.30	28.40
7/23/2015 21:15	79.20	65.70	28.70	35.40	50.50



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/23/2015 20:15	25.60	47.50	93.80	75.30	0.00
7/23/2015 19:00	103.00	48.40	82.10	170.10	20.90
7/23/2015 10:00	6.60	6.90	10.60	14.10	0.00
7/24/2015 5:45	5.80	7.50	16.30	18.10	0.00
7/24/2015 3:00	35.90	19.00	6.80	18.90	29.10
7/24/2015 1:00	25.00	42.80	17.50	15.50	27.30
7/24/2015 2:00	8.90	11.50	40.20	17.10	0.00
7/24/2015 11:45	14.90	25.10	7.70	9.10	17.40
7/24/2015 4:45	28.70	10.40	5.70	7.80	23.00
7/24/2015 6:30	17.10	17.60	5.20	39.10	12.40
7/24/2015 10:00	23.50	47.50	14.70	11.10	36.40
7/24/2015 18:15	7.80	19.30	38.60	22.90	0.00
7/24/2015 0:00	17.40	11.70	39.90	77.40	0.00
7/24/2015 7:30	5.50	36.70	14.50	22.30	22.20
7/24/2015 12:15	28.40	19.60	5.60	12.90	22.80
7/24/2015 14:15	60.30	24.10	7.20	5.10	55.20
7/24/2015 1:45	10.00	14.10	25.90	19.20	0.00
7/24/2015 8:45	12.90	17.50	5.00	28.70	12.50
7/24/2015 10:45	25.80	49.60	19.60	21.40	30.00
7/24/2015 13:15	5.80	69.00	80.80	23.80	45.20
7/24/2015 17:15	7.00	18.20	41.20	33.80	0.00
7/24/2015 7:45	12.70	22.30	5.90	35.80	16.40
7/24/2015 18:00	8.20	11.50	44.20	19.70	0.00
7/24/2015 4:30	26.10	10.90	5.50	13.50	20.60
7/24/2015 2:30	7.70	8.90	24.40	14.50	0.00
7/24/2015 9:45	15.00	6.70	20.80	40.40	0.00
7/24/2015 3:30	5.30	24.70	18.80	12.30	12.40
7/24/2015 7:00	5.10	36.40	19.70	11.30	25.10
7/24/2015 11:00	27.40	84.20	15.70	14.40	69.80
7/24/2015 8:00	5.10	33.50	16.10	21.40	17.40
7/24/2015 10:15	41.40	114.40	20.30	31.00	94.10
7/24/2015 12:00	5.70	12.20	15.90	22.70	0.00
7/24/2015 2:45	6.90	9.60	36.30	16.70	0.00
7/24/2015 9:15	15.00	18.70	27.20	26.40	0.00
7/24/2015 3:45	23.70	10.80	5.90	47.20	17.80
7/24/2015 6:15	21.50	19.00	5.90	28.30	15.60
7/24/2015 13:00	78.70	24.80	3.90	10.40	74.80
7/24/2015 17:00	39.90	21.50	7.90	5.90	34.00
7/24/2015 14:00	4.90	8.70	48.30	14.80	0.00
7/24/2015 18:30	6.40	6.60	38.10	11.30	0.00
7/24/2015 6:45	5.30	35.80	16.80	18.50	19.00
7/24/2015 8:30	15.60	18.10	4.90	32.80	13.20
7/24/2015 7:15	18.50	9.50	5.90	35.60	12.60
7/24/2015 11:15	25.70	70.10	17.80	20.70	52.30
7/24/2015 1:30	12.50	53.00	19.70	21.20	33.30
7/24/2015 4:15	5.40	35.10	25.60	11.70	23.40
7/24/2015 1:15	18.60	53.20	24.70	18.70	34.50
7/24/2015 5:15	5.80	6.30	26.10	16.80	0.00
7/24/2015 3:15	20.50	22.60	6.60	16.50	16.00
7/24/2015 14:45	37.80	13.30	10.70	28.30	27.10
7/24/2015 0:30	29.00	57.30	15.60	9.70	47.60
7/24/2015 4:00	27.70	15.20	5.30	36.70	22.40
7/24/2015 14:30	55.20	25.80	10.00	26.10	45.20
7/24/2015 17:45	6.50	16.90	45.30	27.30	0.00
7/24/2015 11:30	45.30	93.50	16.70	39.90	76.80
7/24/2015 15:00	37.50	18.50	11.00	37.20	26.50
7/24/2015 0:15	44.20	40.20	19.10	11.10	33.10
7/24/2015 0:45	28.90	37.50	17.90	11.00	26.50
7/24/2015 13:45	61.70	18.80	5.30	22.90	56.40
7/24/2015 16:00	6.90	8.60	44.90	40.80	0.00
7/24/2015 9:00	15.10	29.50	14.20	19.50	15.30
7/24/2015 5:00	5.60	5.80	28.10	9.80	0.00
7/24/2015 9:30	56.50	53.80	14.10	18.40	42.40
7/24/2015 8:15	17.50	23.70	5.00	35.40	18.70
7/24/2015 18:45	34.60	4.30	36.50	16.60	18.00
7/24/2015 6:00	5.20	17.70	15.80	19.00	0.00
7/24/2015 12:30	41.90	88.40	11.30	13.30	77.10
7/24/2015 16:45	8.60	7.30	38.00	26.50	0.00
7/24/2015 15:45	8.40	5.50	33.90	36.30	0.00
7/24/2015 12:45	5.60	13.10	41.60	21.80	0.00
7/24/2015 16:15	6.80	24.00	39.80	38.80	0.00
7/24/2015 10:30	22.10	23.30	36.80	73.30	0.00
7/24/2015 16:30	44.70	32.20	6.90	12.40	37.80
7/24/2015 2:15	7.60	8.90	36.80	15.10	0.00
7/24/2015 5:30	5.80	6.40	21.40	18.80	0.00
7/24/2015 13:30	4.90	10.10	56.80	22.00	0.00
7/24/2015 15:15	34.60	19.20	17.90	31.80	16.70
7/24/2015 17:30	6.70	21.60	42.80	43.10	0.00
7/24/2015 15:30	11.10	19.00	35.40	31.40	0.00
7/25/2015 6:30	4.80	18.00	12.00	22.10	6.00
7/25/2015 9:00	4.30	6.00	3.60	30.00	2.40
7/25/2015 7:30	4.10	21.10	5.20	2.40	18.70
7/25/2015 14:45	7.40	12.00	13.70	69.00	0.00
7/25/2015 4:00	3.70	3.10	32.80	22.60	0.00
7/25/2015 0:45	3.80	3.00	8.30	11.80	0.00
7/25/2015 13:45	7.00	9.20	13.70	15.10	0.00
7/25/2015 2:15	10.80	4.40	3.80	3.50	7.30
7/25/2015 16:15	5.40	6.50	19.60	36.50	0.00
7/25/2015 15:15	2.90	10.80	11.10	53.40	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/25/2015 12:15	6.10	17.70	17.00	14.40	3.30
7/25/2015 6:45	13.20	26.90	5.60	6.00	21.30
7/25/2015 12:45	4.60	4.00	14.90	10.50	0.00
7/25/2015 4:30	38.10	4.80	4.70	5.20	33.40
7/25/2015 2:30	4.40	3.20	19.00	18.90	0.00
7/25/2015 3:30	39.40	7.00	4.00	3.30	36.10
7/25/2015 0:00	6.50	4.50	5.20	9.60	1.30
7/25/2015 15:45	17.00	17.90	4.90	5.40	13.00
7/25/2015 6:00	12.50	7.20	5.00	13.90	7.50
7/25/2015 1:00	3.70	4.20	14.40	4.30	0.00
7/25/2015 5:00	6.80	5.60	21.80	25.10	0.00
7/25/2015 2:00	12.50	3.40	4.00	3.10	9.40
7/25/2015 13:15	11.70	18.20	4.10	19.70	14.10
7/25/2015 14:15	9.00	6.30	7.90	68.90	1.10
7/25/2015 13:00	5.60	3.50	10.00	19.20	0.00
7/25/2015 0:30	3.90	4.10	6.60	5.10	0.00
7/25/2015 8:45	1.90	23.60	4.20	1.90	21.70
7/25/2015 10:45	11.90	13.50	5.70	7.00	7.80
7/25/2015 14:30	7.70	9.10	16.80	62.20	0.00
7/25/2015 7:45	4.60	1.70	4.20	32.40	0.40
7/25/2015 12:00	5.00	6.40	17.90	17.00	0.00
7/25/2015 10:00	4.20	9.30	6.70	7.70	2.60
7/25/2015 1:30	3.50	8.10	9.70	3.80	4.30
7/25/2015 7:00	8.60	28.80	5.30	12.10	23.50
7/25/2015 11:00	5.00	10.50	11.70	12.60	0.00
7/25/2015 8:30	2.30	17.40	4.40	3.50	13.90
7/25/2015 1:45	11.10	3.20	4.10	6.10	7.00
7/25/2015 10:15	4.90	11.80	4.50	4.60	7.30
7/25/2015 9:30	7.10	7.70	4.50	11.00	3.20
7/25/2015 3:15	4.20	3.20	38.90	25.70	0.00
7/25/2015 11:45	4.90	10.30	18.20	11.70	0.00
7/25/2015 6:15	10.70	7.80	5.00	12.10	5.70
7/25/2015 4:45	30.30	22.60	6.20	5.20	25.10
7/25/2015 3:00	39.90	24.70	4.20	3.50	36.40
7/25/2015 5:45	11.60	6.90	7.70	7.90	3.90
7/25/2015 11:30	5.20	8.50	6.60	14.10	1.90
7/25/2015 9:15	4.60	5.80	3.00	24.80	2.80
7/25/2015 13:30	6.10	10.60	12.00	20.90	0.00
7/25/2015 15:30	15.80	33.40	2.80	3.10	30.60
7/25/2015 12:30	15.30	5.40	8.20	10.40	7.10
7/25/2015 15:00	4.30	6.30	12.50	59.30	0.00
7/25/2015 16:00	6.10	11.70	42.20	41.70	0.00
7/25/2015 14:00	8.10	78.90	7.30	11.00	71.60
7/25/2015 9:45	4.00	13.90	4.40	7.20	9.50
7/25/2015 10:30	5.90	12.10	6.70	8.40	5.40
7/25/2015 7:15	5.90	31.80	5.40	7.50	26.40
7/25/2015 11:15	4.70	6.80	15.80	13.00	0.00
7/25/2015 8:15	2.50	26.30	4.60	2.00	24.30
7/25/2015 2:45	36.70	7.30	4.30	3.70	33.00
7/25/2015 8:00	4.60	3.00	2.70	35.10	1.90
7/25/2015 3:45	4.20	9.80	39.30	10.70	0.00
7/25/2015 4:15	4.30	3.80	47.10	5.70	0.00
7/25/2015 1:15	12.40	3.80	4.10	4.90	8.30
7/25/2015 5:15	8.20	6.10	19.40	12.20	0.00
7/25/2015 0:15	5.50	22.60	3.90	4.60	18.70
7/25/2015 5:30	8.00	2.70	11.80	14.70	0.00
7/26/2015 9:30	10.50	6.80	12.70	32.00	0.00
7/26/2015 8:30	13.10	48.60	4.20	5.80	44.40
7/26/2015 8:00	11.60	21.50	4.50	4.10	17.40
7/26/2015 5:45	18.30	12.80	5.80	18.40	12.50
7/26/2015 7:00	4.10	5.70	14.30	32.10	0.00
7/26/2015 11:00	21.30	19.60	13.50	14.00	7.80
7/26/2015 1:45	42.30	39.50	12.40	25.10	29.90
7/26/2015 2:45	66.10	31.00	8.70	53.20	57.40
7/26/2015 18:00	8.80	10.80	14.60	36.30	0.00
7/26/2015 14:00	6.80	10.50	14.90	22.70	0.00
7/26/2015 13:00	15.00	13.90	12.90	17.30	2.10
7/26/2015 17:00	7.10	12.30	46.50	44.70	0.00
7/26/2015 12:30	17.30	15.50	16.40	23.20	0.90
7/26/2015 15:30	17.40	81.60	7.70	9.30	73.90
7/26/2015 0:15	90.40	4.90	3.40	12.30	87.00
7/26/2015 6:15	6.20	12.90	23.50	10.40	2.50
7/26/2015 8:45	4.10	5.20	13.70	47.20	0.00
7/26/2015 1:15	38.40	26.60	3.70	40.00	34.70
7/26/2015 5:15	6.20	12.40	27.90	13.80	0.00
7/26/2015 4:15	34.80	13.00	7.50	28.40	27.30
7/26/2015 12:00	20.10	19.80	14.70	23.00	5.40
7/26/2015 19:00	4.20	29.10	27.80	58.20	1.30
7/26/2015 16:30	5.40	14.40	46.40	40.30	0.00
7/26/2015 3:15	52.50	26.30	9.20	36.30	43.30
7/26/2015 6:45	5.50	5.40	20.20	24.00	0.00
7/26/2015 8:15	4.10	3.80	13.80	41.00	0.00
7/26/2015 7:15	10.90	29.30	15.90	4.60	24.70
7/26/2015 11:15	13.70	15.10	44.40	44.10	0.00
7/26/2015 3:45	7.80	51.30	38.00	16.20	35.10
7/26/2015 17:45	4.90	20.60	15.20	42.50	5.40
7/26/2015 9:00	4.10	7.90	15.90	39.20	0.00
7/26/2015 0:45	38.00	13.40	3.00	9.50	35.00
7/26/2015 13:45	15.00	20.10	8.40	11.10	11.70



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/26/2015 15:15	9.40	9.50	15.00	40.70	0.00
7/26/2015 16:00	13.60	8.30	55.80	36.80	0.00
7/26/2015 16:15	59.10	37.30	13.70	18.80	45.40
7/26/2015 6:30	21.30	11.90	5.50	12.70	15.80
7/26/2015 15:00	18.00	26.20	17.60	8.00	18.20
7/26/2015 13:30	12.80	18.40	6.10	13.10	12.30
7/26/2015 17:30	26.50	29.00	19.90	48.00	0.00
7/26/2015 2:15	63.70	38.20	4.90	50.50	58.80
7/26/2015 5:30	5.30	17.30	25.80	11.30	6.00
7/26/2015 4:00	30.00	15.30	8.10	49.60	21.90
7/26/2015 9:45	7.40	7.10	15.40	37.00	0.00
7/26/2015 7:30	6.50	3.70	13.10	33.10	0.00
7/26/2015 10:30	13.00	14.70	3.90	6.40	10.80
7/26/2015 6:00	6.90	14.40	13.80	33.50	0.60
7/26/2015 18:30	14.00	27.30	12.10	36.70	15.20
7/26/2015 1:00	48.90	20.90	5.60	44.20	43.30
7/26/2015 5:00	5.70	14.40	11.00	18.20	3.40
7/26/2015 15:45	15.20	106.70	8.10	9.00	98.60
7/26/2015 12:15	22.40	15.70	20.50	30.00	1.90
7/26/2015 14:45	12.80	26.20	6.40	10.90	19.80
7/26/2015 14:15	4.40	12.80	12.90	27.30	0.00
7/26/2015 13:15	7.60	14.50	13.40	17.30	1.10
7/26/2015 17:15	7.20	23.40	33.80	41.60	0.00
7/26/2015 18:15	19.80	21.80	13.40	43.10	8.40
7/26/2015 0:00	3.50	3.80	44.70	5.40	0.00
7/26/2015 3:30	55.00	18.00	7.00	53.80	48.00
7/26/2015 2:30	76.20	41.20	9.60	67.20	66.60
7/26/2015 4:45	28.70	14.20	6.20	19.50	22.50
7/26/2015 11:45	15.20	22.90	24.00	24.60	0.00
7/26/2015 11:30	14.60	30.60	39.30	41.30	0.00
7/26/2015 2:00	13.30	44.10	41.40	36.90	7.20
7/26/2015 18:45	4.60	36.50	9.10	46.20	27.40
7/26/2015 3:00	52.30	24.30	10.70	62.00	41.60
7/26/2015 9:15	3.00	6.50	15.50	39.00	0.00
7/26/2015 0:30	81.40	7.30	3.30	37.30	78.10
7/26/2015 16:45	7.60	11.40	42.30	51.90	0.00
7/26/2015 7:45	10.40	8.90	13.20	38.70	0.00
7/26/2015 10:45	3.40	7.20	13.00	10.60	0.00
7/26/2015 12:45	11.20	14.90	13.10	21.20	1.80
7/26/2015 10:15	3.20	3.10	14.90	28.70	0.00
7/26/2015 1:30	43.30	32.30	3.30	13.90	40.00
7/26/2015 4:30	7.50	16.10	27.10	12.70	3.40
7/26/2015 10:00	7.90	4.90	13.40	27.60	0.00
7/26/2015 14:30	3.20	11.00	11.80	25.60	0.00
7/27/2015 3:30	3.30	39.80	28.40	6.10	33.70
7/27/2015 1:30	3.50	30.70	14.80	6.10	24.60
7/27/2015 2:00	3.10	31.60	9.00	5.90	25.70
7/27/2015 4:30	3.70	21.40	21.10	6.40	15.00
7/27/2015 18:45	2.50	17.00	6.50	8.00	10.50
7/27/2015 21:15	3.70	5.90	21.60	23.10	0.00
7/27/2015 19:15	4.20	6.10	3.70	7.60	2.40
7/27/2015 23:15	75.50	24.30	4.30	21.40	71.20
7/27/2015 3:00	3.30	43.60	4.70	6.20	38.90
7/27/2015 1:00	8.80	5.20	5.00	23.40	3.80
7/27/2015 5:00	3.20	27.90	7.70	8.60	20.20
7/27/2015 19:45	14.20	11.20	5.80	5.80	8.40
7/27/2015 21:45	4.70	23.50	27.30	27.60	0.00
7/27/2015 11:45	3.80	5.20	1.80	6.60	3.40
7/27/2015 0:30	4.40	31.10	12.20	5.70	25.40
7/27/2015 14:15	4.10	8.60	4.00	4.90	4.60
7/27/2015 22:30	4.20	17.60	69.60	26.80	0.00
7/27/2015 13:15	4.30	6.00	4.10	3.00	3.00
7/27/2015 4:45	6.80	6.10	3.00	34.10	3.80
7/27/2015 6:00	3.30	10.00	9.00	7.70	2.30
7/27/2015 22:45	80.60	41.40	4.70	36.00	75.90
7/27/2015 18:30	9.20	7.20	3.00	12.60	6.20
7/27/2015 12:45	6.90	5.70	1.60	8.60	5.30
7/27/2015 0:00	8.30	6.40	4.70	8.80	3.60
7/27/2015 19:30	3.90	3.80	7.50	13.20	0.00
7/27/2015 23:30	68.10	19.20	3.50	15.90	64.60
7/27/2015 11:30	2.80	4.90	3.90	5.50	1.00
7/27/2015 15:45	4.30	6.90	7.10	7.40	0.00
7/27/2015 16:45	3.90	3.80	3.80	20.00	0.10
7/27/2015 20:15	15.80	14.50	5.50	5.60	10.30
7/27/2015 10:45	3.80	4.20	3.80	6.10	0.40
7/27/2015 22:00	3.60	19.40	45.30	23.00	0.00
7/27/2015 21:00	5.00	5.40	18.40	6.60	0.00
7/27/2015 1:45	3.10	18.80	27.70	6.00	12.80
7/27/2015 4:15	4.20	10.20	19.70	5.80	4.40
7/27/2015 10:15	10.20	5.30	2.50	3.40	7.70
7/27/2015 18:00	4.50	4.60	3.20	3.80	1.40
7/27/2015 14:30	4.90	7.20	3.90	4.90	3.30
7/27/2015 3:15	4.20	38.80	7.40	7.40	31.40
7/27/2015 9:15	23.80	6.10	2.00	7.80	21.80
7/27/2015 5:45	3.10	16.30	5.10	7.10	11.20
7/27/2015 7:00	21.90	6.70	3.20	8.50	0.00
7/27/2015 11:00	5.80	9.40	3.90	6.10	5.50
7/27/2015 6:15	2.90	10.40	12.10	4.90	5.50
7/27/2015 20:30	17.70	6.30	6.70	6.10	11.60



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/27/2015 10:00	2.10	8.80	2.50	7.00	6.30
7/27/2015 12:00	1.30	4.80	3.40	5.50	1.40
7/27/2015 19:00	5.40	12.60	3.80	4.30	8.80
7/27/2015 9:30	9.70	5.80	2.20	5.30	7.50
7/27/2015 8:30	4.00	8.50	18.90	5.40	3.10
7/27/2015 13:00	4.10	8.70	2.30	8.00	6.40
7/27/2015 17:00	4.50	3.90	3.70	3.40	1.10
7/27/2015 7:45	27.70	5.70	4.20	6.90	23.50
7/27/2015 8:45	2.40	6.30	10.50	5.40	0.90
7/27/2015 1:15	4.20	45.00	11.10	5.80	39.20
7/27/2015 5:15	15.90	6.40	3.60	10.10	12.30
7/27/2015 3:45	3.20	62.00	17.80	13.60	48.40
7/27/2015 2:45	3.90	44.20	4.80	8.20	39.40
7/27/2015 10:30	3.50	6.60	3.80	4.80	2.80
7/27/2015 16:30	4.60	5.60	3.70	3.20	2.40
7/27/2015 22:15	33.00	40.90	4.00	19.30	36.90
7/27/2015 8:00	9.80	4.70	3.90	6.90	5.90
7/27/2015 12:30	2.70	5.20	2.10	7.20	3.10
7/27/2015 13:30	5.10	6.50	3.40	8.30	3.10
7/27/2015 17:30	5.20	12.80	4.30	4.40	8.50
7/27/2015 15:30	6.50	9.80	8.20	7.50	2.30
7/27/2015 2:15	4.50	30.10	4.80	8.10	25.30
7/27/2015 0:15	4.90	11.30	6.30	7.50	5.00
7/27/2015 5:30	3.40	10.50	6.20	5.80	4.70
7/27/2015 4:00	5.20	6.90	3.10	16.60	0.00
7/27/2015 9:45	2.80	8.00	8.00	5.10	2.90
7/27/2015 9:00	19.40	6.90	3.40	6.40	16.00
7/27/2015 14:00	3.70	7.20	4.90	6.00	2.30
7/27/2015 16:00	6.20	7.10	5.80	4.50	2.60
7/27/2015 23:45	60.30	21.20	4.40	20.50	55.90
7/27/2015 8:15	3.80	6.20	19.00	5.10	1.10
7/27/2015 15:00	4.50	6.20	3.90	5.50	2.30
7/27/2015 7:15	3.30	10.30	19.10	5.50	4.80
7/27/2015 11:15	4.10	13.00	3.50	6.20	9.50
7/27/2015 20:00	15.30	10.10	6.60	5.60	9.70
7/27/2015 17:45	4.50	4.80	5.40	5.10	0.00
7/27/2015 23:00	3.90	15.20	80.80	33.40	0.00
7/27/2015 2:30	4.80	34.30	8.30	8.20	26.10
7/27/2015 21:30	4.90	5.10	28.50	24.90	0.00
7/27/2015 7:30	13.10	4.60	3.60	6.90	9.50
7/27/2015 6:45	3.00	10.90	11.30	4.80	6.10
7/27/2015 12:15	4.00	4.90	1.40	5.90	3.50
7/27/2015 17:15	4.10	4.80	4.10	4.40	0.70
7/27/2015 15:15	6.50	7.40	9.50	10.60	0.00
7/27/2015 6:30	3.00	5.40	18.00	5.40	0.00
7/27/2015 18:15	5.90	4.60	3.10	6.70	2.80
7/27/2015 16:15	4.30	5.40	4.20	4.60	1.20
7/27/2015 0:45	10.60	7.60	5.20	44.00	5.40
7/27/2015 13:45	3.50	7.80	3.30	3.80	4.50
7/27/2015 14:45	6.10	5.50	4.20	3.40	2.70
7/27/2015 20:45	15.40	8.50	4.40	6.50	11.00
7/28/2015 0:45	86.00	20.20	7.30	21.80	78.70
7/28/2015 13:45	7.70	20.00	23.90	7.20	12.80
7/28/2015 9:00	23.60	27.40	14.40	13.00	14.40
7/28/2015 12:15	13.40	8.00	10.70	21.30	2.70
7/28/2015 15:15	12.00	4.00	4.20	16.40	7.80
7/28/2015 16:00	8.00	4.70	4.00	31.30	4.00
7/28/2015 6:30	22.30	25.70	14.80	14.50	11.20
7/28/2015 16:15	7.90	5.80	5.20	37.10	2.70
7/28/2015 13:30	25.80	6.50	6.20	23.60	19.60
7/28/2015 17:30	11.30	8.50	5.20	42.90	6.10
7/28/2015 5:30	34.90	33.40	13.20	19.50	21.70
7/28/2015 2:15	17.50	9.50	5.30	23.80	12.20
7/28/2015 4:00	24.10	29.60	92.70	82.00	0.00
7/28/2015 7:30	19.20	23.10	11.10	8.60	14.50
7/28/2015 10:30	15.20	19.60	11.50	10.80	8.80
7/28/2015 6:45	11.70	13.90	23.40	25.50	0.00
7/28/2015 17:45	9.50	50.30	16.00	6.00	44.30
7/28/2015 8:15	10.70	12.10	24.90	24.10	0.00
7/28/2015 15:45	9.60	5.10	7.90	11.20	1.70
7/28/2015 14:45	12.00	7.20	4.70	16.60	7.30
7/28/2015 14:15	6.00	19.00	10.70	5.00	14.00
7/28/2015 16:45	8.00	5.70	4.30	46.50	3.70
7/28/2015 13:15	21.40	6.10	5.50	24.80	15.90
7/28/2015 17:15	15.10	5.30	6.70	50.60	8.40
7/28/2015 18:15	9.50	9.10	9.30	52.10	0.20
7/28/2015 18:30	27.30	62.80	7.80	26.60	55.00
7/28/2015 0:00	59.20	13.70	4.40	34.50	54.80
7/28/2015 3:30	11.70	16.90	25.70	38.10	0.00
7/28/2015 2:30	16.10	7.40	4.60	15.20	11.50
7/28/2015 19:15	29.10	46.20	9.10	28.70	37.10
7/28/2015 6:00	10.10	16.10	24.70	26.50	0.00
7/28/2015 2:00	15.20	8.30	5.90	19.90	9.30
7/28/2015 18:45	58.50	59.50	8.30	30.20	51.20
7/28/2015 1:00	6.30	37.20	80.90	28.30	0.00
7/28/2015 5:00	9.50	21.50	37.00	27.70	0.00
7/28/2015 9:15	21.10	12.50	23.10	26.30	0.00
7/28/2015 0:30	76.10	14.80	8.00	30.00	68.10
7/28/2015 7:45	25.90	25.10	7.90	15.80	18.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/28/2015 10:45	10.70	19.90	12.70	9.20	10.70
7/28/2015 6:15	27.50	21.80	13.10	17.50	14.40
7/28/2015 12:45	17.90	7.90	7.20	24.90	10.70
7/28/2015 10:15	20.70	19.70	12.10	10.60	10.10
7/28/2015 1:30	46.60	10.90	6.40	24.80	40.20
7/28/2015 4:30	13.70	15.30	53.10	48.90	0.00
7/28/2015 10:00	12.40	12.30	13.20	20.80	0.00
7/28/2015 19:00	9.50	14.70	10.50	50.70	4.20
7/28/2015 14:30	4.80	19.20	13.40	7.20	12.00
7/28/2015 3:15	10.70	25.90	4.70	9.80	21.20
7/28/2015 8:30	13.40	14.40	24.20	28.10	0.00
7/28/2015 5:45	14.60	19.00	28.70	29.10	0.00
7/28/2015 4:45	11.30	17.80	41.50	38.60	0.00
7/28/2015 19:30	35.60	56.90	8.80	12.00	48.10
7/28/2015 11:30	9.90	20.70	10.70	7.70	13.00
7/28/2015 3:00	4.20	16.30	11.30	10.70	5.60
7/28/2015 11:45	9.20	21.90	16.40	8.10	13.80
7/28/2015 14:00	6.10	14.50	17.50	8.90	5.60
7/28/2015 13:00	11.60	7.80	4.90	26.70	6.70
7/28/2015 17:00	8.30	4.80	7.80	52.80	0.50
7/28/2015 12:30	11.50	5.30	11.00	25.40	0.50
7/28/2015 15:00	10.80	5.40	3.90	17.30	6.90
7/28/2015 15:30	10.30	7.00	9.80	12.20	0.50
7/28/2015 0:15	6.90	37.60	66.20	17.60	20.00
7/28/2015 8:45	23.60	26.70	17.90	9.90	16.80
7/28/2015 1:15	54.50	16.00	5.20	23.00	49.30
7/28/2015 5:15	34.20	33.30	11.80	21.10	22.40
7/28/2015 4:15	26.90	27.60	64.90	55.60	0.00
7/28/2015 9:45	12.50	12.00	17.00	22.00	0.00
7/28/2015 12:00	8.80	22.50	7.60	10.50	14.90
7/28/2015 16:30	5.80	34.70	8.10	5.70	29.00
7/28/2015 9:30	21.90	24.60	14.00	11.30	13.30
7/28/2015 8:00	25.00	26.40	11.20	20.20	15.20
7/28/2015 7:00	14.50	6.50	22.60	24.10	0.00
7/28/2015 11:00	15.50	18.80	10.90	9.10	9.70
7/28/2015 7:15	17.00	24.40	12.20	9.60	14.80
7/28/2015 11:15	18.10	21.20	8.80	8.10	13.10
7/28/2015 3:45	52.10	60.20	38.70	71.10	21.50
7/28/2015 1:45	46.10	10.60	5.90	32.00	40.20
7/28/2015 2:45	25.50	5.40	4.60	15.80	20.90
7/28/2015 18:00	11.70	7.90	4.00	48.40	7.70
7/29/2015 12:00	6.90	5.30	4.60	15.60	2.30
7/29/2015 19:00	89.20	81.90	6.40	45.10	82.80
7/29/2015 9:30	7.80	3.50	10.30	4.20	3.60
7/29/2015 8:30	14.20	3.50	9.40	20.70	4.80
7/29/2015 14:00	5.90	13.20	6.20	3.70	9.50
7/29/2015 13:00	5.90	4.30	7.40	8.20	0.00
7/29/2015 17:00	5.30	8.10	70.20	37.50	0.00
7/29/2015 7:45	11.80	6.30	11.70	17.60	0.10
7/29/2015 8:45	10.00	25.00	11.40	4.90	20.10
7/29/2015 1:45	13.00	13.40	9.80	12.00	3.60
7/29/2015 4:15	12.80	7.80	11.90	20.80	0.90
7/29/2015 10:15	6.50	4.00	9.70	16.30	0.00
7/29/2015 2:45	11.70	12.00	13.40	16.00	0.00
7/29/2015 18:00	6.10	25.40	79.90	41.60	0.00
7/29/2015 16:30	76.90	23.30	5.40	11.60	71.50
7/29/2015 14:30	7.40	3.50	7.50	14.60	0.00
7/29/2015 1:15	13.00	10.30	10.30	13.00	2.70
7/29/2015 5:15	11.70	25.30	19.30	5.60	19.70
7/29/2015 3:15	13.30	11.10	11.20	13.20	2.10
7/29/2015 9:15	7.70	4.10	10.00	6.90	0.80
7/29/2015 8:00	10.50	19.80	12.20	6.30	13.50
7/29/2015 5:45	10.70	21.40	13.10	6.40	15.00
7/29/2015 7:00	9.20	11.30	8.30	20.80	3.00
7/29/2015 11:00	6.90	13.40	8.20	3.60	9.80
7/29/2015 15:30	5.30	3.90	16.20	27.60	0.00
7/29/2015 6:15	12.90	18.70	10.70	12.10	8.00
7/29/2015 4:00	18.60	6.30	11.70	24.90	6.90
7/29/2015 9:45	7.20	5.40	10.20	8.10	0.00
7/29/2015 8:15	12.10	4.30	10.80	21.20	1.30
7/29/2015 0:45	9.70	14.20	11.50	14.50	2.70
7/29/2015 9:00	10.90	4.00	10.60	15.90	0.30
7/29/2015 16:00	111.50	42.70	4.90	7.10	106.60
7/29/2015 15:00	5.90	3.80	26.00	29.00	0.00
7/29/2015 7:15	11.70	7.10	10.90	19.00	0.80
7/29/2015 11:15	8.30	14.30	6.90	4.80	9.50
7/29/2015 3:45	15.80	5.80	16.70	20.70	0.00
7/29/2015 17:45	93.00	39.80	6.20	30.40	86.80
7/29/2015 7:30	13.40	6.80	10.30	16.90	3.10
7/29/2015 10:30	11.30	4.00	9.10	10.60	2.20
7/29/2015 6:45	11.60	12.40	9.80	20.20	2.60
7/29/2015 6:30	9.50	19.20	9.50	11.00	9.70
7/29/2015 12:30	5.50	16.50	7.70	6.20	10.30
7/29/2015 0:15	12.30	14.40	11.50	14.90	2.90
7/29/2015 13:30	6.10	4.50	7.20	8.10	0.00
7/29/2015 17:30	97.30	54.30	6.70	21.30	90.60
7/29/2015 5:30	10.00	23.20	16.60	4.20	19.00
7/29/2015 2:15	9.70	14.70	13.10	15.40	1.60
7/29/2015 15:45	4.50	4.10	89.70	36.70	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/29/2015 13:45	6.50	7.40	6.20	3.70	3.70
7/29/2015 14:45	5.60	3.30	7.40	24.90	0.00
7/29/2015 3:30	15.70	10.00	16.70	16.00	0.00
7/29/2015 2:30	13.10	14.20	9.90	16.40	4.30
7/29/2015 1:00	9.20	15.10	11.60	13.90	3.50
7/29/2015 5:00	13.70	5.30	10.70	24.50	3.00
7/29/2015 12:15	7.30	4.90	4.60	13.10	2.70
7/29/2015 13:15	5.90	4.60	6.60	6.20	0.00
7/29/2015 17:15	108.30	73.40	6.90	24.30	101.40
7/29/2015 15:15	5.00	3.30	31.40	12.00	0.00
7/29/2015 18:15	6.50	31.70	91.20	38.30	0.00
7/29/2015 16:15	5.30	3.60	92.70	29.30	0.00
7/29/2015 6:00	12.70	6.10	11.80	27.90	0.90
7/29/2015 12:45	5.20	11.00	7.00	3.80	7.20
7/29/2015 0:00	15.80	16.10	12.60	14.10	3.50
7/29/2015 11:30	7.70	4.40	8.70	13.50	0.00
7/29/2015 10:00	7.50	4.20	10.00	17.90	0.00
7/29/2015 16:45	5.90	47.00	60.20	22.90	24.10
7/29/2015 10:45	8.80	13.80	8.60	4.40	9.40
7/29/2015 1:30	12.70	11.50	8.80	12.50	3.90
7/29/2015 2:00	12.90	12.50	9.80	13.10	3.10
7/29/2015 4:30	12.40	6.10	10.50	21.10	1.90
7/29/2015 18:45	6.80	22.50	88.60	58.50	0.00
7/29/2015 3:00	9.50	12.50	12.80	8.50	4.00
7/29/2015 11:45	6.80	5.00	7.50	16.30	0.00
7/29/2015 0:30	13.20	13.50	11.20	18.80	2.30
7/29/2015 14:15	4.90	14.70	6.20	3.30	11.40
7/29/2015 4:45	15.20	6.00	13.60	20.30	1.60
7/29/2015 18:30	6.30	28.70	106.60	30.00	0.00
8/6/2015 8:15	13.90	13.70	11.70	10.50	3.40
8/6/2015 4:00	13.80	14.60	11.80	10.90	3.70
8/6/2015 9:45	13.90	13.70	11.90	10.00	3.90
8/6/2015 7:15	11.80	10.80	13.90	14.00	0.00
8/6/2015 3:45	13.80	14.50	11.80	10.70	3.80
8/6/2015 2:45	13.90	14.40	11.70	10.70	3.70
8/6/2015 10:30	14.00	13.50	11.80	9.60	4.40
8/6/2015 9:00	13.90	13.90	11.70	9.50	4.40
8/6/2015 1:15	13.90	14.40	11.70	10.70	3.70
8/6/2015 5:15	13.90	13.80	11.80	10.60	3.30
8/6/2015 7:30	11.70	10.70	13.90	13.90	0.00
8/6/2015 6:30	13.90	13.80	11.80	10.80	3.10
8/6/2015 5:30	13.90	14.00	11.80	10.70	3.30
8/6/2015 2:15	13.80	14.40	11.70	10.70	3.70
8/6/2015 0:15	13.90	14.30	11.80	10.60	3.70
8/6/2015 0:45	11.70	10.60	13.80	14.20	0.00
8/6/2015 2:30	11.90	11.00	13.80	14.40	0.00
8/6/2015 6:45	13.90	14.00	11.80	10.90	3.10
8/6/2015 0:00	13.80	14.20	11.80	10.70	3.50
8/6/2015 10:45	-0.10	9.90	-4.90	13.40	14.80
8/6/2015 2:00	13.90	14.40	11.70	10.80	3.60
8/6/2015 4:30	13.80	14.50	11.80	10.70	3.80
8/6/2015 1:30	11.70	10.80	13.90	14.40	0.00
8/6/2015 3:30	11.80	10.70	13.90	14.40	0.00
8/6/2015 3:00	13.80	14.40	11.80	10.70	3.70
8/6/2015 1:00	13.90	14.30	11.80	10.70	3.60
8/6/2015 5:00	13.90	14.50	11.70	10.80	3.70
8/6/2015 0:30	11.70	10.80	13.90	14.30	0.00
8/6/2015 6:00	14.00	13.90	11.70	10.80	3.20
8/6/2015 4:45	13.90	14.40	11.70	10.80	3.60
8/6/2015 10:00	13.90	13.70	11.80	9.90	4.00
8/6/2015 9:30	11.80	10.00	14.00	13.60	0.00
8/6/2015 8:30	13.90	13.80	11.70	10.40	3.50
8/6/2015 8:45	11.70	10.30	13.80	13.80	0.00
8/6/2015 7:45	11.80	10.70	13.90	13.70	0.00
8/6/2015 1:45	13.80	14.30	11.70	10.80	3.50
8/6/2015 4:15	11.80	10.70	13.80	14.40	0.00
8/6/2015 10:15	11.80	8.70	14.20	13.50	0.00
8/6/2015 3:15	13.90	14.40	11.60	10.70	3.70
8/6/2015 5:45	13.90	13.80	11.80	10.70	3.20
8/6/2015 7:00	11.70	10.70	13.90	13.80	0.00
8/6/2015 11:00	1.60	10.10	0.30	13.40	9.80
8/6/2015 8:00	13.80	13.90	11.70	10.70	3.20
8/6/2015 6:15	11.80	10.80	13.90	13.90	0.00
8/6/2015 9:15	13.70	13.70	11.80	9.60	4.10
7/30/2015 6:00	5.70	3.60	6.50	3.90	1.80
7/30/2015 2:00	44.80	3.70	5.80	7.20	39.00
7/30/2015 1:00	36.90	6.00	6.50	7.20	30.40
7/30/2015 5:00	15.90	4.10	5.70	9.60	10.20
7/30/2015 13:15	5.40	5.20	14.00	2.90	2.50
7/30/2015 14:15	5.60	5.30	24.90	2.70	2.90
7/30/2015 0:00	40.20	6.20	6.10	3.20	37.00
7/30/2015 2:30	5.00	9.00	42.30	3.00	6.00
7/30/2015 4:30	39.40	4.10	5.40	5.90	34.00
7/30/2015 3:30	48.30	6.30	4.50	5.50	43.80
7/30/2015 12:45	4.70	4.70	4.00	2.20	2.50
7/30/2015 8:30	6.10	2.40	5.70	3.60	2.50
7/30/2015 9:30	4.70	3.60	2.70	1.60	3.10
7/30/2015 5:45	5.00	4.30	6.70	4.90	0.10
7/30/2015 7:00	6.30	2.00	5.60	4.20	2.10



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/30/2015 11:00	6.20	8.20	7.70	5.90	2.30
7/30/2015 4:45	33.80	2.80	10.00	9.80	24.00
7/30/2015 1:45	5.80	10.80	43.10	6.80	4.00
7/30/2015 11:30	5.40	5.10	15.70	6.90	0.00
7/30/2015 3:00	42.80	6.10	4.60	7.20	38.20
7/30/2015 11:45	5.00	4.80	7.30	4.70	0.30
7/30/2015 0:30	6.50	11.80	39.50	11.70	0.10
7/30/2015 9:15	2.40	1.80	5.20	3.50	0.00
7/30/2015 7:45	4.10	3.30	5.80	5.00	0.00
7/30/2015 13:00	5.10	5.50	4.30	2.70	2.80
7/30/2015 10:45	6.80	9.40	8.30	5.50	3.90
7/30/2015 6:15	5.60	3.90	3.10	3.30	2.50
7/30/2015 8:45	3.30	2.00	5.20	3.70	0.00
7/30/2015 10:15	3.20	1.20	5.40	3.10	0.10
7/30/2015 1:30	5.50	9.00	42.00	7.10	1.90
7/30/2015 10:00	4.80	3.40	3.90	1.10	3.70
7/30/2015 12:00	5.30	5.50	8.50	4.50	1.00
7/30/2015 3:15	40.70	5.70	5.30	10.20	35.40
7/30/2015 14:30	5.20	5.40	38.60	2.70	2.70
7/30/2015 8:00	3.90	2.50	6.30	4.60	0.00
7/30/2015 7:15	7.50	1.90	5.00	3.10	4.40
7/30/2015 11:15	5.80	8.90	6.90	5.10	3.80
7/30/2015 3:45	4.70	4.60	37.70	4.50	0.20
7/30/2015 8:15	3.90	2.40	5.40	4.30	0.00
7/30/2015 2:45	5.10	4.30	43.40	3.20	1.90
7/30/2015 14:00	5.80	6.20	16.10	2.80	3.40
7/30/2015 15:30	19.00	2.50	0.80	2.00	18.20
7/30/2015 12:30	5.60	10.30	6.10	2.40	7.90
7/30/2015 15:00	5.90	16.40	53.40	2.70	13.70
7/30/2015 5:30	7.90	4.90	7.50	6.00	1.90
7/30/2015 13:30	13.80	2.70	5.30	17.70	8.50
7/30/2015 0:15	43.70	6.90	5.20	4.00	39.70
7/30/2015 4:15	38.60	3.90	5.00	4.70	33.90
7/30/2015 9:45	2.20	1.70	5.00	3.90	0.00
7/30/2015 1:15	40.20	8.00	5.80	5.20	35.00
7/30/2015 5:15	9.80	6.00	8.00	9.20	1.80
7/30/2015 10:30	4.40	1.20	4.00	4.10	0.40
7/30/2015 6:45	5.10	2.50	5.40	4.00	1.10
7/30/2015 9:00	4.50	3.30	3.00	1.90	2.60
7/30/2015 0:45	38.80	12.90	6.00	7.70	32.80
7/30/2015 13:45	5.70	10.30	22.80	2.60	7.70
7/30/2015 15:15	30.80	3.60	6.20	7.00	24.60
7/30/2015 12:15	5.30	4.30	5.10	2.40	2.90
7/30/2015 14:45	6.40	7.30	19.50	2.30	0.00
7/30/2015 6:30	5.40	5.80	3.50	3.70	2.30
7/30/2015 2:15	5.80	9.30	44.10	2.90	6.40
7/30/2015 4:00	12.90	4.20	5.00	4.50	8.40
7/30/2015 7:30	6.60	2.30	6.00	5.90	0.70
8/7/2015 5:45	1.50	1.80	1.30	13.00	0.50
8/7/2015 8:30	1.30	8.90	2.10	5.40	6.80
8/7/2015 4:45	1.40	3.30	-0.70	0.80	4.00
8/7/2015 11:30	2.30	6.80	2.50	1.90	4.90
8/7/2015 11:45	1.00	8.70	-1.00	1.40	9.70
8/7/2015 3:00	3.30	5.20	1.20	9.60	4.00
8/7/2015 0:30	18.20	8.50	2.80	5.30	15.40
8/7/2015 9:15	0.90	3.80	-0.80	0.50	4.60
8/7/2015 6:15	-0.50	2.00	1.40	3.60	0.60
8/7/2015 10:45	1.10	5.20	0.10	4.00	5.10
8/7/2015 7:45	-1.10	5.20	0.70	14.80	4.50
8/7/2015 10:00	1.20	5.40	-0.80	0.80	6.20
8/7/2015 4:30	1.20	7.80	-0.50	1.50	8.30
8/7/2015 1:30	4.90	4.50	1.00	4.00	3.90
8/7/2015 10:15	1.10	4.00	-0.60	3.50	4.60
8/7/2015 12:45	4.00	29.70	4.20	2.80	26.90
8/7/2015 3:15	6.80	4.00	1.40	14.00	5.40
8/7/2015 14:30	5.30	19.20	31.90	15.10	4.10
8/7/2015 19:00	3.10	51.80	8.20	14.10	43.60
8/7/2015 7:00	1.00	9.10	0.80	1.00	8.30
8/7/2015 11:00	-0.30	4.00	1.00	6.20	3.00
8/7/2015 8:00	-1.50	2.20	1.20	10.90	1.00
8/7/2015 7:15	-1.00	2.30	1.00	4.40	1.30
8/7/2015 11:15	1.90	6.60	0.10	6.00	6.50
8/7/2015 2:45	5.80	5.00	1.20	9.50	4.60
8/7/2015 1:45	1.10	11.20	5.80	3.40	7.80
8/7/2015 3:45	1.30	3.00	9.00	1.10	1.90
8/7/2015 9:30	7.00	4.10	-0.20	1.90	7.20
8/7/2015 18:00	45.90	9.30	1.80	5.90	44.10
8/7/2015 13:00	4.40	12.60	-0.40	3.80	0.00
8/7/2015 17:00	5.20	6.20	37.00	12.80	0.00
8/7/2015 12:30	9.80	21.50	2.10	9.70	19.40
8/7/2015 15:00	1.70	9.40	17.20	11.70	0.00
8/7/2015 14:00	36.50	32.40	-0.90	6.20	37.40
8/7/2015 0:15	1.50	19.40	9.60	29.10	9.80
8/7/2015 8:45	0.20	1.00	1.10	7.00	0.00
8/7/2015 15:30	6.60	7.30	41.80	15.30	0.00
8/7/2015 12:00	2.00	15.30	-1.50	3.10	16.80
8/7/2015 9:45	1.00	0.40	1.00	10.70	0.00
8/7/2015 4:15	-0.10	2.40	1.20	6.30	1.20
8/7/2015 1:15	10.20	4.20	2.10	12.50	8.10



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Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Turbidity Data
5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
8/7/2015 5:15	-1.20	0.60	1.30	3.20	0.00
8/7/2015 16:30	35.50	11.10	5.20	5.60	30.30
8/7/2015 6:45	0.10	1.20	1.20	2.90	0.00
8/7/2015 8:15	-1.50	5.00	1.00	9.30	4.00
8/7/2015 17:45	4.70	8.90	1.00	6.10	7.90
8/7/2015 9:00	1.30	5.30	1.10	3.10	4.20
8/7/2015 6:30	1.10	10.70	1.60	0.80	9.90
8/7/2015 15:15	4.30	7.70	35.30	12.50	0.00
8/7/2015 16:00	6.30	7.20	13.40	14.60	0.00
8/7/2015 12:15	2.70	2.70	-1.40	5.00	0.00
8/7/2015 0:45	4.20	14.70	7.30	7.90	7.40
8/7/2015 13:45	29.20	34.60	4.90	28.50	29.70
8/7/2015 2:15	6.60	2.20	5.60	14.60	1.00
8/7/2015 5:30	1.10	5.00	-1.30	0.40	6.30
8/7/2015 13:30	24.20	36.30	3.30	19.40	33.00
8/7/2015 17:30	3.10	12.50	16.40	8.60	3.90
8/7/2015 16:15	14.60	5.60	16.60	6.80	0.00
8/7/2015 4:00	1.00	1.20	1.50	8.20	0.00
8/7/2015 10:30	1.00	5.80	-0.30	3.40	6.10
8/7/2015 7:30	-0.90	5.30	1.50	15.30	3.80
8/7/2015 6:00	-1.00	0.60	1.10	11.10	0.00
8/7/2015 2:00	6.20	6.50	1.20	13.80	5.30
8/7/2015 18:45	9.10	41.60	6.00	10.00	35.60
8/7/2015 1:00	2.90	6.30	13.60	5.80	0.50
8/7/2015 5:00	1.10	2.70	4.40	0.60	2.10
8/7/2015 13:15	-0.60	6.80	34.80	30.50	0.00
8/7/2015 17:15	4.20	19.50	10.90	8.10	11.40
8/7/2015 14:45	14.10	34.70	8.70	18.30	26.00
8/7/2015 14:15	-0.10	6.60	23.20	22.00	0.00
8/7/2015 16:45	3.40	8.40	4.40	4.60	4.00
8/7/2015 15:45	11.30	6.20	5.60	9.50	5.70
8/7/2015 18:30	27.00	30.30	5.80	9.40	24.50
8/7/2015 18:15	4.80	14.20	41.70	25.10	0.00
8/7/2015 2:30	6.40	2.60	1.30	6.30	5.10
8/7/2015 3:30	1.60	5.60	6.00	2.10	3.50
8/7/2015 0:00	0.60	25.80	9.10	20.50	16.70
8/9/2015 12:30	4.20	7.10	8.30	4.70	2.40
8/9/2015 15:00	6.90	8.80	5.60	5.80	3.20
8/9/2015 14:00	7.00	12.50	17.30	9.90	2.60
8/9/2015 16:00	8.20	9.00	2.10	5.40	6.90
8/9/2015 5:30	2.90	26.30	3.50	3.70	22.80
8/9/2015 0:15	2.60	54.10	32.00	3.80	50.30
8/9/2015 13:30	3.60	6.20	7.70	5.30	0.90
8/9/2015 17:30	19.20	36.50	6.60	24.40	29.90
8/9/2015 15:30	6.40	8.40	6.90	5.90	0.00
8/9/2015 9:45	5.20	3.30	3.40	5.00	1.80
8/9/2015 4:15	3.20	22.00	1.40	4.40	20.60
8/9/2015 1:15	2.90	42.40	21.30	13.60	28.80
8/9/2015 5:15	5.30	4.00	3.10	7.10	2.20
8/9/2015 10:30	2.40	24.00	13.80	2.10	21.90
8/9/2015 16:30	19.70	31.80	5.80	12.40	26.00
8/9/2015 8:00	2.00	4.40	8.50	3.80	0.60
8/9/2015 7:15	5.60	3.30	3.60	26.00	2.00
8/9/2015 11:15	6.80	19.70	17.60	12.20	7.50
8/9/2015 8:15	2.30	9.80	9.50	2.80	7.00
8/9/2015 2:45	1.50	6.90	3.50	6.70	3.40
8/9/2015 3:45	3.00	5.10	1.50	3.00	3.60
8/9/2015 6:30	4.80	15.00	5.60	5.00	10.00
8/9/2015 15:15	7.70	7.60	6.10	5.90	1.80
8/9/2015 12:15	4.80	7.60	10.40	6.50	1.10
8/9/2015 14:45	10.20	9.20	6.10	5.90	4.30
8/9/2015 0:45	4.40	4.70	3.30	7.50	1.40
8/9/2015 13:45	8.40	10.40	6.40	4.30	6.10
8/9/2015 2:15	16.30	8.10	12.20	26.50	4.10
8/9/2015 16:15	6.80	32.30	3.30	5.20	29.00
8/9/2015 4:00	1.30	3.30	2.40	8.50	0.90
8/9/2015 7:30	2.50	5.90	9.00	5.40	0.50
8/9/2015 6:45	3.60	6.80	5.70	5.30	1.50
8/9/2015 17:45	22.70	25.60	5.30	19.30	20.30
8/9/2015 9:00	6.90	1.90	2.00	14.50	4.90
8/9/2015 13:15	4.40	7.40	9.30	4.90	2.50
8/9/2015 17:15	27.40	49.70	3.20	11.00	46.50
8/9/2015 14:15	7.80	18.00	9.20	9.00	9.00
8/9/2015 16:45	24.50	13.80	6.40	23.00	18.10
8/9/2015 15:45	7.50	10.50	5.30	5.90	5.20
8/9/2015 18:30	101.10	313.00	7.10	12.30	305.90
8/9/2015 18:15	17.00	25.70	6.70	14.90	19.00
8/9/2015 2:30	2.70	4.50	20.20	5.50	0.00
8/9/2015 4:30	3.30	3.10	2.80	6.00	0.50
8/9/2015 3:30	18.30	3.50	3.10	4.30	15.20
8/9/2015 0:00	3.70	25.00	18.10	7.20	17.80
8/9/2015 12:45	4.40	7.00	7.70	5.20	1.80
8/9/2015 18:45	0.30	0.40	6.40	9.80	0.00
8/9/2015 6:00	2.90	27.70	10.00	3.20	24.50
8/9/2015 2:00	11.40	11.20	16.40	19.40	0.00
8/9/2015 1:00	3.00	35.30	5.10	11.20	30.20
8/9/2015 5:00	14.30	2.90	3.00	6.20	11.30
8/9/2015 13:00	5.80	8.00	9.20	5.70	2.30
8/9/2015 17:00	18.40	24.80	5.30	9.00	19.50



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Real-Time Turbidity Data
5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
8/9/2015 0:30	3.00	11.00	14.80	6.70	4.30
8/9/2015 9:15	2.40	4.70	12.60	2.10	2.60
8/9/2015 6:15	2.90	6.70	24.10	4.00	2.70
8/9/2015 8:45	2.10	10.20	5.10	3.20	7.00
8/9/2015 10:45	9.30	10.60	12.00	8.70	1.90
8/9/2015 7:45	2.10	5.10	7.80	3.20	1.90
8/9/2015 12:00	11.60	7.10	4.60	8.40	7.00
8/9/2015 10:00	5.50	2.70	2.80	7.10	2.70
8/9/2015 1:30	4.40	14.50	10.30	11.30	4.20
8/9/2015 10:15	2.20	8.60	12.50	3.10	5.50
8/9/2015 3:15	5.20	4.10	3.40	5.90	1.80
8/9/2015 14:30	7.50	6.30	10.90	12.40	0.00
8/9/2015 19:00	2.90	0.60	22.10	75.90	0.00
8/9/2015 5:45	2.80	8.70	2.80	3.20	5.90
8/9/2015 7:00	5.00	4.50	3.20	13.30	1.80
8/9/2015 11:00	22.70	18.40	10.20	16.40	12.50
8/9/2015 8:30	2.10	9.90	10.30	4.40	5.50
8/9/2015 4:45	2.00	5.60	9.00	2.90	2.70
8/9/2015 11:30	8.50	15.90	15.20	10.40	5.50
8/9/2015 1:45	1.40	13.20	8.00	12.40	5.20
8/9/2015 9:30	19.00	2.00	2.20	9.30	16.80
8/9/2015 11:45	17.00	10.00	5.30	12.80	11.70
8/9/2015 18:00	13.60	31.70	10.20	21.60	21.50
8/9/2015 3:00	2.90	5.40	4.90	4.20	1.20
8/8/2015 16:15	4.30	11.90	3.70	4.30	8.20
8/8/2015 18:15	4.40	5.50	4.70	3.80	1.70
8/8/2015 2:30	5.70	15.40	7.50	6.10	9.30
8/8/2015 3:30	3.30	7.10	31.60	3.90	3.20
8/8/2015 1:00	6.00	8.60	1.10	6.10	7.50
8/8/2015 5:00	7.90	10.30	2.90	3.40	7.40
8/8/2015 15:15	6.00	7.10	2.40	4.20	4.70
8/8/2015 13:15	12.20	5.70	2.80	3.30	9.40
8/8/2015 17:15	4.00	3.80	4.30	5.80	0.00
8/8/2015 12:15	17.40	4.80	4.10	3.20	14.20
8/8/2015 6:00	5.10	4.60	1.20	8.20	3.90
8/8/2015 19:15	5.70	3.80	4.10	6.30	1.60
8/8/2015 14:45	7.70	7.60	9.20	7.30	0.40
8/8/2015 15:45	2.20	4.80	5.80	4.40	0.40
8/8/2015 13:45	2.10	3.80	8.40	4.80	0.00
8/8/2015 2:00	6.60	11.60	3.00	6.00	8.60
8/8/2015 4:30	7.50	4.40	4.90	10.40	2.60
8/8/2015 1:30	9.80	6.40	7.10	7.10	2.70
8/8/2015 10:15	7.00	3.30	3.30	11.30	3.70
8/8/2015 11:45	10.50	9.10	3.60	3.90	0.00
8/8/2015 3:00	0.60	4.30	6.00	7.80	0.00
8/8/2015 18:45	5.10	3.40	4.00	5.70	1.10
8/8/2015 14:15	4.60	2.90	9.60	6.00	0.00
8/8/2015 0:30	1.90	3.20	4.90	11.90	0.00
8/8/2015 9:15	5.50	11.00	3.30	7.70	7.70
8/8/2015 18:30	4.20	6.20	4.90	3.80	2.40
8/8/2015 4:45	6.30	10.50	4.70	3.40	7.10
8/8/2015 10:00	1.20	4.60	2.40	7.80	2.20
8/8/2015 11:30	14.10	5.80	4.80	3.90	10.20
8/8/2015 0:00	5.70	7.00	3.80	10.50	3.20
8/8/2015 12:45	2.70	5.00	3.50	3.00	2.00
8/8/2015 16:45	4.20	4.30	3.10	3.10	1.20
8/8/2015 10:45	6.20	8.30	5.20	3.40	4.90
8/8/2015 2:45	6.20	3.50	4.70	7.70	1.50
8/8/2015 1:45	6.40	12.40	0.90	5.90	11.50
8/8/2015 4:15	7.10	13.80	4.00	7.30	9.80
8/8/2015 1:15	11.30	10.40	3.40	7.20	7.90
8/8/2015 5:15	6.30	14.40	5.30	8.30	9.10
8/8/2015 16:30	5.40	4.40	4.90	5.60	0.50
8/8/2015 3:15	5.70	22.70	4.20	5.90	18.50
8/8/2015 14:30	5.10	8.10	2.90	4.10	5.20
8/8/2015 18:00	3.20	5.70	8.70	4.00	1.70
8/8/2015 5:45	-0.80	3.90	5.60	14.70	0.00
8/8/2015 7:00	3.70	2.40	4.70	5.00	0.00
8/8/2015 11:00	7.60	10.30	2.00	4.40	8.30
8/8/2015 8:00	1.10	9.20	11.40	11.60	0.00
8/8/2015 0:15	15.50	4.00	3.60	8.90	11.90
8/8/2015 6:15	2.20	5.80	7.30	4.90	0.90
8/8/2015 15:30	4.00	4.60	4.60	4.90	0.00
8/8/2015 12:00	1.70	3.40	13.70	5.60	0.00
8/8/2015 9:30	2.60	10.10	7.90	3.40	6.70
8/8/2015 19:00	3.90	8.00	5.20	4.00	4.00
8/8/2015 13:00	4.50	5.90	3.10	3.20	2.80
8/8/2015 17:00	5.10	4.20	5.20	4.80	0.30
8/8/2015 14:00	3.60	3.60	15.40	5.90	0.00
8/8/2015 8:30	4.90	9.10	11.30	9.20	0.00
8/8/2015 8:45	6.90	10.80	6.20	8.20	4.60
8/8/2015 7:45	4.70	6.30	15.90	12.30	0.00
8/8/2015 17:45	4.30	5.90	4.40	4.10	1.80
8/8/2015 3:45	4.30	7.40	6.50	3.20	4.20
8/8/2015 9:00	3.90	10.80	4.70	10.60	6.10
8/8/2015 10:30	3.50	5.10	11.20	8.60	0.00
8/8/2015 7:30	6.50	7.60	7.10	11.50	0.50
8/8/2015 6:30	7.10	1.20	3.50	5.20	3.60
8/8/2015 12:30	2.80	6.00	2.70	3.20	3.30



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Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Turbidity Data
5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
8/8/2015 6:45	5.00	6.40	1.60	2.60	4.80
8/8/2015 2:15	7.80	12.90	4.90	8.40	8.00
8/8/2015 5:30	5.70	5.60	1.50	5.60	4.20
8/8/2015 13:30	3.10	6.50	3.70	3.10	3.40
8/8/2015 17:30	4.10	5.70	3.70	3.40	2.30
8/8/2015 8:15	13.70	12.20	6.40	9.40	7.30
8/8/2015 9:45	3.00	10.20	4.40	6.20	5.80
8/8/2015 4:00	5.20	3.60	8.60	16.40	0.00
8/8/2015 15:00	3.10	5.80	6.50	7.00	0.00
8/8/2015 16:00	3.80	3.90	2.70	4.80	1.20
8/8/2015 0:45	6.70	9.30	-0.20	3.90	9.50
8/8/2015 7:15	15.40	9.60	3.10	11.60	12.30
8/8/2015 11:15	7.50	6.30	1.50	3.10	6.00
8/10/2015 10:00	14.10	10.40	16.20	15.60	0.00
8/10/2015 9:15	13.70	10.30	15.80	15.10	0.00
8/10/2015 11:30	14.90	9.50	16.20	17.10	0.00
8/10/2015 6:15	13.80	10.60	15.70	15.30	0.00
8/10/2015 8:45	15.80	15.20	11.70	10.40	5.40
8/10/2015 7:45	11.00	15.10	5.70	10.30	9.40
8/10/2015 4:15	13.50	10.60	15.70	15.30	0.00
8/10/2015 10:15	16.30	15.50	14.20	10.30	0.00
8/10/2015 3:15	15.70	15.30	13.30	10.40	5.30
8/10/2015 4:30	15.60	15.30	13.50	10.50	5.10
8/10/2015 1:30	10.00	10.40	15.70	15.40	0.00
8/10/2015 14:30	0.80	2.90	19.20	20.90	0.00
8/10/2015 3:00	15.70	15.20	13.30	10.40	5.30
8/10/2015 1:45	15.60	15.40	10.30	10.40	5.30
8/10/2015 0:30	15.60	14.40	7.90	9.80	7.70
8/10/2015 5:45	13.70	10.40	15.70	15.30	0.00
8/10/2015 12:00	15.10	-5.20	16.20	16.90	0.00
8/10/2015 0:45	15.60	14.60	8.60	9.80	0.00
8/10/2015 2:15	11.50	10.50	15.70	15.50	0.00
8/10/2015 0:15	7.50	9.80	15.60	14.20	0.00
8/10/2015 9:30	14.00	10.30	15.80	15.20	0.00
8/10/2015 2:45	15.70	15.50	13.00	10.40	5.30
8/10/2015 13:00	12.70	7.90	15.50	13.50	0.00
8/10/2015 14:00	0.70	2.50	7.80	7.90	0.00
8/10/2015 1:15	9.70	10.50	15.60	15.20	0.00
8/10/2015 5:15	13.80	10.50	15.60	15.20	0.00
8/10/2015 8:30	9.90	10.40	15.50	15.10	0.00
8/10/2015 6:45	13.90	10.50	15.80	15.20	0.00
8/10/2015 7:15	14.00	10.40	15.70	15.30	0.00
8/10/2015 11:15	14.50	-3.60	16.10	17.00	0.00
8/10/2015 8:15	14.00	15.20	7.50	10.30	7.70
8/10/2015 9:45	14.10	10.30	16.40	14.70	0.00
8/10/2015 12:30	15.50	9.70	16.30	16.80	0.00
8/10/2015 3:45	13.40	10.50	15.60	15.30	0.00
8/10/2015 7:00	13.90	10.50	15.70	15.20	0.00
8/10/2015 11:00	14.40	-2.20	16.10	17.20	0.00
8/10/2015 8:00	12.00	15.20	6.00	10.40	9.20
8/10/2015 15:30	1.30	-2.20	22.30	18.00	0.00
8/10/2015 12:15	15.20	-3.60	16.20	17.10	0.00
8/10/2015 14:45	18.50	15.80	5.30	3.80	14.70
8/10/2015 15:45	23.20	19.60	1.80	-2.30	25.50
8/10/2015 13:45	0.90	3.60	8.00	8.40	0.00
8/10/2015 4:00	13.60	10.60	15.70	15.20	0.00
8/10/2015 16:15	14.90	12.00	1.00	-2.00	16.90
8/10/2015 15:00	0.70	2.60	11.00	11.30	0.00
8/10/2015 16:00	16.90	17.20	2.20	-2.30	19.50
8/10/2015 9:00	12.80	10.40	15.80	15.10	0.00
8/10/2015 10:30	16.10	15.50	14.40	10.40	5.70
8/10/2015 7:30	11.60	15.00	8.80	10.20	6.20
8/10/2015 6:30	13.90	10.40	15.60	15.20	0.00
8/10/2015 5:30	13.70	10.40	15.60	15.30	0.00
8/10/2015 13:15	9.50	8.40	0.90	4.60	8.60
8/10/2015 13:30	0.40	4.70	8.60	8.00	0.00
8/10/2015 15:15	0.70	374.60	12.50	11.60	363.00
8/10/2015 10:45	14.40	9.70	16.40	15.60	0.00
8/10/2015 0:00	6.90	9.80	15.60	14.10	0.00
8/10/2015 12:45	15.60	10.00	-4.60	16.90	20.20
8/10/2015 2:00	10.80	10.50	15.60	15.40	0.00
8/10/2015 2:30	15.60	15.50	12.30	10.40	5.20
8/10/2015 3:30	13.40	10.40	15.80	15.30	0.00
8/10/2015 4:45	15.80	15.30	13.60	10.60	5.20
8/10/2015 1:00	15.60	14.80	9.20	10.10	6.40
8/10/2015 5:00	13.70	10.50	15.60	15.10	0.00
8/10/2015 11:45	15.00	-0.10	16.40	17.30	0.00
8/10/2015 6:00	13.80	10.40	15.70	15.20	0.00
8/10/2015 14:15	8.50	8.40	1.30	2.70	7.20
8/11/2015 22:45	10.80	11.60	2.80	-2.30	13.90
8/11/2015 13:15	0.50	-2.20	13.90	7.40	0.00
8/11/2015 17:15	21.50	20.10	2.00	-2.30	23.80
8/11/2015 18:45	13.90	18.50	1.90	-2.30	20.80
8/11/2015 21:45	16.80	16.30	1.80	-2.20	19.00
8/11/2015 20:00	0.50	-1.70	16.90	18.20	0.00
8/11/2015 23:00	10.00	12.40	1.30	-2.30	14.70
8/11/2015 18:15	14.80	13.80	1.90	-2.30	17.10
8/11/2015 15:45	3.30	-0.90	15.70	14.10	0.00
8/11/2015 14:45	16.20	8.60	2.80	-2.30	18.50



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Real-Time Turbidity Data
5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
8/11/2015 14:15	0.70	235.80	14.00	7.30	228.50
8/11/2015 16:45	15.40	15.00	1.00	383.10	14.40
8/11/2015 20:15	16.40	18.50	1.10	-2.20	20.70
8/11/2015 19:15	2.70	-2.30	17.90	22.10	0.00
8/11/2015 23:15	9.40	13.40	2.10	-2.30	15.70
8/11/2015 21:15	16.00	16.30	1.40	-2.30	18.60
8/11/2015 12:45	0.60	-2.10	11.00	5.70	0.00
8/11/2015 2:30	9.70	7.30	1.80	-2.20	11.90
8/11/2015 21:30	1.70	-2.30	18.00	16.50	0.00
8/11/2015 6:00	6.40	5.20	2.20	-2.20	8.60
8/11/2015 4:45	6.60	5.00	0.90	-2.30	8.90
8/11/2015 3:00	8.40	7.60	1.40	-2.20	10.60
8/11/2015 5:45	6.50	5.20	4.50	-2.20	8.70
8/11/2015 19:45	16.40	18.40	0.50	-1.80	20.20
8/11/2015 19:30	-0.10	-2.30	20.00	21.20	0.00
8/11/2015 23:30	10.20	11.50	0.90	-2.20	13.70
8/11/2015 11:45	2.10	-1.80	6.20	5.60	0.00
8/11/2015 11:30	8.60	6.20	0.60	-2.10	10.70
8/11/2015 2:00	10.30	7.90	0.90	-2.20	12.50
8/11/2015 1:45	10.60	8.90	2.20	-2.30	12.90
8/11/2015 1:00	6.30	-2.30	11.40	9.50	0.00
8/11/2015 5:00	6.10	5.80	1.60	-2.30	8.40
8/11/2015 22:00	12.20	15.80	3.10	-2.20	18.00
8/11/2015 18:30	1.30	-2.30	14.30	14.60	0.00
8/11/2015 21:00	18.80	16.70	0.80	-2.30	21.10
8/11/2015 7:45	5.90	4.90	0.60	-2.30	8.20
8/11/2015 0:30	13.90	10.30	2.70	-2.30	16.20
8/11/2015 10:45	0.60	-2.30	11.40	9.10	0.00
8/11/2015 6:15	5.90	5.00	35.50	-2.30	8.20
8/11/2015 8:45	2.20	-2.30	6.10	5.30	0.00
8/11/2015 22:30	10.50	14.70	1.20	-2.30	17.00
8/11/2015 9:15	0.40	-1.70	9.20	8.50	0.00
8/11/2015 0:00	12.90	9.70	3.00	-2.30	15.20
8/11/2015 3:30	4.60	4.30	3.40	-2.10	6.70
8/11/2015 1:30	9.90	7.40	1.60	-2.20	12.10
8/11/2015 3:15	7.80	4.70	0.40	-1.90	9.70
8/11/2015 4:30	9.30	6.40	2.00	-2.20	11.50
8/11/2015 10:15	0.40	663.10	13.20	11.30	651.80
8/11/2015 9:45	0.60	-2.30	12.70	11.90	0.00
8/11/2015 8:15	2.40	2.20	0.60	-2.30	4.70
8/11/2015 7:15	6.10	5.50	18.60	-2.30	8.40
8/11/2015 11:15	8.30	7.10	1.20	-2.10	8.40
8/11/2015 8:30	9.40	6.00	0.90	-2.20	11.60
8/11/2015 8:00	5.50	3.50	0.80	-2.30	7.80
8/11/2015 7:00	15.90	-2.20	6.50	5.10	10.80
8/11/2015 11:00	8.90	6.80	0.40	-2.30	11.20
8/11/2015 18:00	16.10	15.80	2.20	-2.20	18.30
8/11/2015 9:30	28.10	25.40	0.50	-2.20	30.30
8/11/2015 3:45	9.30	6.80	1.90	-2.30	11.60
8/11/2015 2:45	12.20	8.60	5.70	-2.30	14.50
8/11/2015 15:30	2.10	-2.30	19.90	15.60	0.00
8/11/2015 20:30	16.40	19.30	2.80	-2.20	21.50
8/11/2015 0:15	12.30	10.20	2.20	7.10	14.60
8/11/2015 14:00	1.70	689.60	13.10	-2.30	682.50
8/11/2015 13:00	0.20	-2.30	14.10	8.60	0.00
8/11/2015 17:00	16.80	15.90	1.10	-2.10	18.90
8/11/2015 19:00	16.20	19.30	2.50	-1.50	20.80
8/11/2015 14:30	12.50	7.40	1.30	882.10	11.20
8/11/2015 16:30	18.30	15.50	1.70	-1.60	19.90
8/11/2015 1:15	0.30	-2.30	7.40	5.70	0.00
8/11/2015 5:15	6.90	5.90	1.60	-2.20	9.10
8/11/2015 4:15	4.70	3.80	2.70	-2.30	7.00
8/11/2015 10:00	0.80	283.10	36.50	30.80	252.30
8/11/2015 12:00	0.80	-1.20	8.50	5.30	0.00
8/11/2015 6:45	6.80	4.20	24.00	-2.30	9.10
8/11/2015 15:15	19.70	11.60	1.60	-2.20	21.90
8/11/2015 9:00	6.40	5.70	0.60	-2.20	8.60
8/11/2015 17:45	17.20	17.20	2.30	-2.10	19.30
8/11/2015 13:30	0.80	-1.30	11.90	7.60	0.00
8/11/2015 17:30	19.70	19.60	0.70	-2.30	22.00
8/11/2015 16:15	22.90	19.80	1.40	-2.30	25.20
8/11/2015 5:30	6.50	5.60	1.50	-2.30	8.80
8/11/2015 2:15	6.90	4.10	0.70	-2.00	8.90
8/11/2015 0:45	11.90	9.00	2.30	-2.30	14.20
8/11/2015 13:45	13.30	7.00	2.30	-2.10	15.40
8/11/2015 16:00	55.40	52.00	0.50	766.50	54.90
8/11/2015 22:15	1.20	-2.30	10.50	11.70	0.00
8/11/2015 6:30	7.20	4.70	12.50	-2.30	9.50
8/11/2015 12:30	0.90	-2.30	18.40	5.80	0.00
8/11/2015 15:00	16.10	12.40	2.40	-2.10	18.20
8/11/2015 12:15	16.70	5.90	0.80	-2.10	18.80
8/11/2015 20:45	18.10	18.50	0.70	-2.20	20.70
8/11/2015 7:30	6.10	5.10	1.10	-2.20	8.30
8/11/2015 23:45	1.60	-2.10	8.40	10.30	0.00
8/11/2015 10:30	8.90	7.60	1.30	-2.30	11.20
8/11/2015 4:00	7.90	6.70	1.80	-2.30	10.20
8/13/2015 7:45	14.80	11.10	16.00	16.50	0.00
8/13/2015 18:30	4.70	2.30	35.20	29.60	0.00
8/13/2015 0:00	14.60	11.10	16.10	16.20	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
8/13/2015 0:30	14.60	11.00	16.10	16.10	0.00
8/13/2015 10:45	7.50	9.90	16.00	14.20	0.00
8/13/2015 6:15	14.60	11.10	16.00	16.70	0.00
8/13/2015 8:45	14.90	10.80	16.10	16.20	0.00
8/13/2015 9:15	14.70	10.60	16.20	16.00	0.00
8/13/2015 1:30	16.20	16.20	14.60	11.00	5.20
8/13/2015 3:15	16.00	16.40	14.60	11.10	5.30
8/13/2015 4:15	14.60	11.00	16.20	16.40	0.00
8/13/2015 10:15	16.30	14.20	8.10	10.10	8.20
8/13/2015 10:00	16.20	14.40	8.90	10.20	7.30
8/13/2015 4:30	16.10	16.50	14.60	11.20	5.30
8/13/2015 4:45	14.60	11.00	16.00	16.60	0.00
8/13/2015 5:45	14.60	11.30	16.00	16.50	0.00
8/13/2015 11:45	0.70	6.80	4.30	6.20	2.50
8/13/2015 11:30	0.80	6.50	5.10	6.90	1.40
8/13/2015 1:45	14.60	11.10	16.10	16.20	0.00
8/13/2015 2:00	16.10	16.20	14.60	11.10	5.10
8/13/2015 3:00	16.10	16.50	14.60	11.00	5.50
8/13/2015 15:30	6.40	3.80	3.20	11.80	3.20
8/13/2015 2:45	14.60	11.10	16.10	16.50	0.00
8/13/2015 2:15	14.60	11.20	16.00	16.40	0.00
8/13/2015 0:15	14.70	11.00	16.00	16.30	0.00
8/13/2015 14:00	3.10	4.40	4.60	4.50	0.00
8/13/2015 13:00	2.50	4.20	3.40	4.00	0.80
8/13/2015 17:00	25.60	17.90	5.80	5.50	20.10
8/13/2015 19:00	4.10	2.40	38.90	19.20	0.00
8/13/2015 16:30	34.20	6.40	3.60	3.70	30.60
8/13/2015 14:30	29.40	2.90	2.80	4.10	26.60
8/13/2015 1:15	14.60	11.10	16.00	16.20	0.00
8/13/2015 5:15	14.60	11.10	16.20	16.50	0.00
8/13/2015 9:45	12.80	10.20	16.10	12.40	0.40
8/13/2015 12:00	4.10	4.30	3.00	7.90	1.30
8/13/2015 8:15	16.10	16.40	14.80	11.00	5.40
8/13/2015 7:15	2.60	16.10	14.60	11.20	4.90
8/13/2015 11:15	236.50	10.00	9.80	6.30	230.20
8/13/2015 8:30	14.90	10.90	16.10	16.40	0.00
8/13/2015 8:00	16.00	16.50	14.80	11.20	5.30
8/13/2015 7:00	16.20	16.70	14.60	11.20	5.50
8/13/2015 11:00	16.00	14.00	12.00	6.80	9.20
8/13/2015 18:00	11.20	5.80	5.70	3.10	8.10
8/13/2015 9:30	14.50	10.40	3.10	15.80	11.40
8/13/2015 3:45	14.60	11.10	16.00	16.40	0.00
8/13/2015 13:30	4.10	4.10	3.20	4.50	0.90
8/13/2015 17:30	25.30	18.90	5.00	3.50	21.80
8/13/2015 17:45	19.40	9.60	6.50	3.10	16.30
8/13/2015 16:15	3.10	3.80	33.20	13.60	0.00
8/13/2015 5:30	14.60	11.20	16.10	16.70	0.00
8/13/2015 4:00	14.60	11.10	16.10	16.50	0.00
8/13/2015 0:45	16.00	16.20	14.70	11.10	5.10
8/13/2015 13:45	4.20	4.30	2.80	5.70	1.50
8/13/2015 16:00	3.00	3.60	25.00	35.50	0.00
8/13/2015 12:15	2.90	6.80	4.40	4.10	2.70
8/13/2015 14:45	3.60	4.10	24.20	3.30	0.80
8/13/2015 6:30	16.00	16.60	14.60	11.10	5.50
8/13/2015 12:30	3.10	4.60	4.70	4.50	0.10
8/13/2015 15:00	37.00	5.00	3.30	3.90	33.70
8/13/2015 7:30	14.60	11.20	-2.50	16.60	17.10
8/13/2015 10:30	7.60	10.00	16.20	14.40	0.00
8/13/2015 6:45	14.60	11.10	16.10	16.70	0.00
8/13/2015 15:15	26.10	5.60	3.80	3.20	22.90
8/13/2015 9:00	14.90	10.70	16.10	16.10	0.00
8/13/2015 18:15	6.00	3.10	18.40	5.90	0.10
8/13/2015 15:45	3.80	4.20	22.80	45.70	0.00
8/13/2015 14:15	1.70	3.20	4.00	4.50	0.00
8/13/2015 16:45	25.90	17.20	3.90	5.00	22.00
8/13/2015 12:45	3.30	4.30	4.20	4.20	0.10
8/13/2015 3:30	16.10	16.50	14.60	11.20	0.00
8/13/2015 2:30	14.70	11.20	16.10	16.50	0.00
8/13/2015 6:00	16.00	16.60	14.50	11.10	5.50
8/13/2015 13:15	2.00	5.10	3.60	4.00	1.50
8/13/2015 17:15	25.20	18.80	5.50	3.60	21.60
8/13/2015 18:45	4.40	2.40	30.20	28.90	0.00
8/13/2015 1:00	16.00	16.20	14.70	11.00	5.20
8/13/2015 5:00	16.00	16.50	14.60	11.00	5.50
8/12/2015 18:00	16.20	14.90	14.00	9.30	6.90
8/12/2015 16:30	43.10	32.00	13.60	18.10	29.50
8/12/2015 3:45	5.90	6.00	1.40	-2.10	8.10
8/12/2015 15:30	17.80	18.60	1.50	-2.20	20.80
8/12/2015 16:15	18.50	18.80	0.90	-2.20	21.00
8/12/2015 8:00	5.20	6.80	0.50	-2.30	9.10
8/12/2015 2:15	1.50	-1.60	4.60	7.20	0.00
8/12/2015 7:00	9.20	8.80	2.40	-2.30	11.50
8/12/2015 11:00	6.50	5.30	1.20	116.70	5.30
8/12/2015 12:30	25.90	14.30	0.70	-2.20	28.10
8/12/2015 6:45	6.60	9.40	5.50	-2.20	11.60
8/12/2015 15:15	26.50	19.00	4.00	-2.10	28.60
8/12/2015 9:30	4.80	7.00	0.50	-2.30	9.30
8/12/2015 12:00	15.40	14.70	0.90	-2.20	17.60
8/12/2015 9:45	6.90	5.90	0.20	-2.20	9.10



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Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Turbidity Data
5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
8/12/2015 17:45	12.30	9.00	16.20	14.80	0.00
8/12/2015 8:15	4.50	7.30	0.40	-2.30	9.60
8/12/2015 7:15	0.20	-2.30	8.60	8.60	0.00
8/12/2015 11:15	60.40	43.00	1.30	-2.10	62.50
8/12/2015 14:00	1.40	25.00	26.80	10.20	14.80
8/12/2015 0:45	8.20	6.80	1.60	-0.90	9.10
8/12/2015 13:45	6.90	24.00	17.90	8.50	15.50
8/12/2015 15:00	26.60	13.60	0.60	-1.90	28.50
8/12/2015 13:00	1.50	-2.10	26.10	18.00	0.00
8/12/2015 17:00	7.80	9.50	20.90	15.10	0.00
8/12/2015 7:30	6.00	-2.20	6.30	3.00	3.00
8/12/2015 10:30	0.80	-2.30	7.60	4.30	0.00
8/12/2015 9:00	5.90	7.10	0.60	-2.30	9.40
8/12/2015 13:30	19.60	8.90	0.60	1.00	19.00
8/12/2015 17:30	10.70	7.70	16.10	14.40	0.00
8/12/2015 5:30	5.50	7.20	1.80	-2.30	9.50
8/12/2015 6:30	8.00	6.70	5.20	-2.20	10.20
8/12/2015 14:15	1.40	-2.00	23.90	13.00	0.00
8/12/2015 12:15	11.70	10.20	2.40	-2.20	13.90
8/12/2015 13:15	21.90	9.90	0.50	16.10	21.40
8/12/2015 17:15	1.10	2.50	12.20	13.40	0.00
8/12/2015 4:00	1.70	-2.20	6.40	7.20	0.00
8/12/2015 15:45	17.60	16.60	4.50	-2.30	19.90
8/12/2015 16:00	16.80	15.00	2.10	-2.10	18.90
8/12/2015 14:45	1.10	-2.20	29.90	12.30	0.00
8/12/2015 11:45	15.60	14.50	1.20	-2.10	17.70
8/12/2015 3:30	5.00	7.30	2.00	-2.20	9.50
8/12/2015 2:30	5.30	10.00	1.70	-2.30	12.30
8/12/2015 10:15	7.10	4.60	0.30	-2.20	9.30
8/12/2015 2:00	0.60	-1.30	5.90	7.60	0.00
8/12/2015 4:30	5.90	8.00	0.80	-2.20	10.20
8/12/2015 1:00	4.00	-1.30	7.20	8.50	0.00
8/12/2015 5:00	7.50	7.30	1.50	-2.30	9.80
8/12/2015 6:00	5.90	8.70	1.50	-2.20	10.90
8/12/2015 4:45	6.20	6.00	2.00	-2.30	8.50
8/12/2015 9:15	0.40	-2.30	6.90	7.10	0.00
8/12/2015 0:00	1.40	3.20	7.70	9.70	0.00
8/12/2015 12:45	2.60	-2.10	24.20	16.60	0.00
8/12/2015 7:45	5.70	6.20	0.40	-2.20	8.40
8/12/2015 10:45	6.20	4.70	0.10	-2.20	8.40
8/12/2015 16:45	0.90	0.40	34.50	27.70	0.00
8/12/2015 3:00	1.50	-1.60	5.50	6.40	0.00
8/12/2015 5:45	5.20	9.40	0.80	-2.30	11.70
8/12/2015 14:30	31.10	11.50	1.30	-2.20	33.30
8/12/2015 1:30	6.30	7.30	0.80	-1.50	8.80
8/12/2015 3:15	5.40	7.30	7.40	-2.10	9.40
8/12/2015 1:15	1.00	-1.30	6.90	8.00	0.00
8/12/2015 5:15	1.90	-2.30	5.70	11.20	0.00
8/12/2015 1:45	1.60	-1.40	6.50	7.60	0.00
8/12/2015 4:15	7.20	9.00	1.50	-2.20	11.20
8/12/2015 0:30	9.10	11.10	1.10	-2.00	13.10
8/12/2015 0:15	0.70	-1.80	8.10	10.40	0.00
8/12/2015 6:15	1.90	-2.20	7.30	5.90	0.00
8/12/2015 11:30	20.00	18.30	2.20	-2.20	22.20
8/12/2015 10:00	0.30	-2.20	6.90	5.80	0.00
8/12/2015 2:45	5.50	6.50	1.60	-1.70	8.20
8/12/2015 8:30	6.90	3.80	0.50	-2.30	9.20
8/12/2015 8:45	7.50	5.10	0.30	-2.30	9.80
8/14/2015 13:15	-0.60	0.70	2.70	3.40	0.00
8/14/2015 17:15	-1.20	1.10	2.00	3.10	0.00
8/14/2015 4:00	1.40	7.10	4.20	7.90	2.90
8/14/2015 15:45	0.80	3.40	-1.40	1.70	4.80
8/14/2015 16:45	-1.20	1.50	2.10	3.10	0.00
8/14/2015 14:45	1.00	3.30	1.10	1.70	2.20
8/14/2015 20:15	2.00	13.00	-0.70	3.70	13.70
8/14/2015 7:30	2.40	2.20	2.60	4.20	0.00
8/14/2015 19:15	1.30	8.10	-0.10	9.50	8.20
8/14/2015 23:15	1.00	10.40	0.40	3.10	10.00
8/14/2015 9:00	1.80	4.40	1.80	2.40	2.60
8/14/2015 18:45	0.60	7.60	-0.90	1.50	8.50
8/14/2015 21:45	3.10	5.40	0.00	2.50	5.40
8/14/2015 20:00	-1.00	3.70	1.30	13.30	2.40
8/14/2015 23:00	11.40	11.90	16.00	16.20	0.00
8/14/2015 21:30	3.30	3.00	6.10	5.30	0.00
8/14/2015 18:15	2.70	9.00	-0.10	0.60	9.10
8/14/2015 22:45	35.90	3.60	25.40	20.40	15.50
8/14/2015 14:15	1.30	3.40	-0.60	1.50	4.00
8/14/2015 12:15	2.70	18.40	3.00	2.30	16.10
8/14/2015 6:30	2.20	2.20	2.30	4.80	0.00
8/14/2015 12:45	2.40	9.00	2.20	2.00	7.00
8/14/2015 22:00	-0.20	1.50	2.40	9.80	0.00
8/14/2015 7:45	2.60	2.30	2.40	4.20	0.20
8/14/2015 21:00	2.70	3.90	2.90	10.60	1.00
8/14/2015 0:00	3.10	4.70	3.30	4.20	1.40
8/14/2015 10:45	1.80	2.30	2.30	4.20	0.00
8/14/2015 5:45	1.70	4.60	1.20	3.80	3.40
8/14/2015 21:15	3.10	6.80	4.10	7.60	2.70
8/14/2015 19:45	0.90	11.80	2.70	3.70	9.10
8/14/2015 3:30	1.80	6.30	4.40	9.40	1.90



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Real-Time Turbidity Data
5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
8/14/2015 3:15	2.20	4.30	3.80	6.20	0.50
8/14/2015 11:45	1.80	2.20	5.80	4.10	0.00
8/14/2015 10:15	3.20	4.00	1.70	3.30	2.30
8/14/2015 2:00	4.00	5.80	1.90	5.20	3.90
8/14/2015 4:30	1.90	4.40	3.40	6.60	1.00
8/14/2015 2:30	1.60	5.70	3.20	7.00	2.50
8/14/2015 1:00	2.30	3.10	3.40	6.60	0.00
8/14/2015 5:00	1.60	4.00	2.70	10.20	1.30
8/14/2015 6:00	2.00	4.30	2.30	4.50	2.00
8/14/2015 18:30	-0.90	-0.10	0.60	7.00	0.00
8/14/2015 19:30	3.80	2.80	2.10	11.60	1.70
8/14/2015 23:30	6.40	16.40	5.60	10.10	10.80
8/14/2015 4:45	1.60	4.90	3.80	9.10	1.10
8/14/2015 22:30	4.00	13.80	32.70	14.50	0.00
8/14/2015 6:15	2.30	4.60	1.90	4.70	2.70
8/14/2015 9:15	2.30	4.20	1.80	3.70	2.40
8/14/2015 19:00	1.40	12.00	-1.30	0.30	13.30
8/14/2015 9:30	2.90	4.10	2.40	3.60	1.70
8/14/2015 11:30	9.50	31.40	2.20	2.20	29.20
8/14/2015 10:00	2.90	4.00	1.70	4.30	2.30
8/14/2015 9:45	2.10	4.40	1.60	3.80	2.80
8/14/2015 12:00	3.90	5.40	2.70	2.60	2.80
8/14/2015 2:45	1.60	5.60	3.50	6.90	2.10
8/14/2015 7:15	2.00	3.90	2.50	2.10	1.80
8/14/2015 11:15	2.60	4.70	2.20	3.60	2.50
8/14/2015 8:30	2.20	2.50	2.70	4.50	0.00
8/14/2015 8:45	2.40	4.40	2.00	2.40	2.40
8/14/2015 13:00	-0.40	1.60	3.10	10.20	0.00
8/14/2015 17:00	-1.30	1.50	2.70	2.80	0.00
8/14/2015 18:00	-0.40	0.90	3.80	4.40	0.00
8/14/2015 14:30	2.20	3.30	-0.90	1.30	4.20
8/14/2015 1:15	3.40	8.40	2.00	4.90	6.40
8/14/2015 5:15	1.60	4.70	1.70	4.50	3.00
8/14/2015 1:30	1.70	4.50	3.80	6.50	0.70
8/14/2015 3:45	2.10	6.50	6.00	9.20	0.50
8/14/2015 1:45	1.70	5.20	3.90	5.30	1.30
8/14/2015 4:15	1.50	4.20	3.70	5.40	0.50
8/14/2015 3:00	3.90	7.70	1.90	3.60	5.80
8/14/2015 20:30	1.90	8.30	-0.60	9.50	8.90
8/14/2015 0:15	3.40	8.30	4.00	3.60	4.70
8/14/2015 0:30	3.30	3.60	3.30	7.40	0.30
8/14/2015 7:00	2.30	2.20	2.30	4.40	0.00
8/14/2015 11:00	2.60	4.40	2.30	3.40	2.10
8/14/2015 15:15	-1.50	1.10	1.60	3.70	0.00
8/14/2015 23:45	4.40	10.10	9.10	11.10	1.00
8/14/2015 17:45	-0.70	1.30	2.00	3.20	0.00
8/14/2015 8:15	2.50	2.60	2.50	4.50	0.10
8/14/2015 14:00	2.00	3.40	0.50	1.60	2.90
8/14/2015 0:45	3.70	3.30	3.20	7.50	0.50
8/14/2015 13:45	2.20	3.20	-0.40	1.70	3.60
8/14/2015 16:00	0.40	1.60	3.70	3.40	0.00
8/14/2015 20:45	3.10	8.60	3.60	15.70	5.00
8/14/2015 15:00	1.30	3.30	1.70	1.50	1.80
8/14/2015 10:30	2.10	4.10	1.60	4.30	2.50
8/14/2015 16:30	-1.00	1.20	2.20	3.10	0.00
8/14/2015 13:30	1.10	3.40	-0.60	1.60	4.00
8/14/2015 17:30	-0.80	0.60	1.40	3.00	0.00
8/14/2015 15:30	1.30	3.20	-1.60	1.20	4.80
8/14/2015 16:15	2.20	2.50	-1.50	1.20	4.00
8/14/2015 5:30	1.50	4.30	1.20	4.50	3.10
8/14/2015 8:00	2.50	4.70	2.30	2.70	2.40
8/14/2015 2:15	0.90	5.40	3.50	6.90	1.90
8/14/2015 22:15	2.70	24.60	-0.20	2.80	24.80
8/14/2015 12:30	4.80	2.80	2.40	7.00	2.40
8/14/2015 6:45	2.30	2.10	2.60	4.50	0.00
8/15/2015 8:15	32.90	34.50	45.30	41.20	0.00
8/15/2015 7:15	4.70	5.60	2.20	6.10	3.40
8/15/2015 11:15	5.30	6.10	5.90	9.20	0.20
8/15/2015 7:00	7.10	6.20	-0.30	4.70	7.40
8/15/2015 11:00	5.00	5.80	4.60	2.90	2.90
8/15/2015 8:30	26.90	21.80	34.60	17.40	9.50
8/15/2015 8:00	5.00	4.50	47.10	27.10	0.00
8/15/2015 6:45	6.60	4.10	1.70	2.50	4.90
8/15/2015 9:30	15.00	8.90	16.40	12.30	2.70
8/15/2015 2:45	3.00	2.40	2.70	4.40	0.30
8/15/2015 18:00	4.10	4.90	4.10	15.60	0.80
8/15/2015 3:45	1.30	2.20	2.40	4.00	0.00
8/15/2015 17:45	4.10	38.20	2.50	4.40	35.70
8/15/2015 15:30	4.60	18.90	5.20	8.30	13.70
8/15/2015 14:00	2.80	8.20	6.10	17.40	2.10
8/15/2015 0:45	4.80	7.80	4.50	8.40	3.30
8/15/2015 22:15	16.60	32.60	2.30	14.80	30.30
8/15/2015 0:15	8.10	11.50	6.60	7.60	4.90
8/15/2015 2:15	4.80	6.20	4.30	4.50	1.90
8/15/2015 12:30	10.50	7.20	7.80	4.80	5.70
8/15/2015 20:45	5.80	8.90	7.20	22.40	1.70
8/15/2015 13:00	3.50	7.30	5.80	10.90	1.50
8/15/2015 17:00	5.20	12.10	5.00	15.10	7.10
8/15/2015 16:30	9.20	26.90	5.10	19.10	21.80



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Real-Time Turbidity Data
5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
8/15/2015 19:00	8.70	13.20	9.80	16.60	3.40
8/15/2015 23:45	12.50	29.40	4.00	5.90	0.00
8/15/2015 1:15	3.30	5.20	2.80	4.50	2.40
8/15/2015 5:15	4.50	3.70	2.00	2.60	2.50
8/15/2015 9:45	9.90	6.90	16.00	9.70	0.20
8/15/2015 12:00	3.70	6.30	5.30	5.20	1.10
8/15/2015 15:15	4.70	6.20	4.10	22.00	2.10
8/15/2015 13:15	3.70	7.00	6.30	11.60	0.70
8/15/2015 17:15	5.60	12.50	4.00	14.50	8.50
8/15/2015 9:00	19.10	23.50	10.50	14.40	13.00
8/15/2015 23:00	34.50	8.30	4.90	12.70	29.60
8/15/2015 16:15	4.00	11.00	5.00	9.50	6.00
8/15/2015 18:15	5.30	21.40	3.70	10.40	17.70
8/15/2015 13:30	8.10	12.80	4.80	8.00	8.00
8/15/2015 17:30	3.90	24.50	3.50	5.20	21.00
8/15/2015 4:00	3.90	3.50	8.50	3.70	0.20
8/15/2015 5:30	2.90	5.90	1.60	2.00	4.30
8/15/2015 13:45	0.50	8.30	6.70	11.90	1.60
8/15/2015 16:00	14.70	22.80	4.90	8.90	17.90
8/15/2015 6:30	0.60	2.00	2.00	4.90	0.00
8/15/2015 15:00	3.50	19.20	3.40	6.90	15.80
8/15/2015 12:15	3.30	6.00	7.80	10.60	0.00
8/15/2015 14:45	3.90	11.10	5.00	13.20	6.10
8/15/2015 15:45	5.30	11.10	4.90	8.40	6.20
8/15/2015 10:30	13.70	5.10	11.70	5.30	8.40
8/15/2015 19:15	9.90	7.20	13.00	10.30	0.00
8/15/2015 23:15	4.40	7.80	21.10	13.90	0.00
8/15/2015 7:30	2.50	4.70	4.70	3.70	1.00
8/15/2015 6:00	0.70	2.00	2.20	3.70	0.00
8/15/2015 4:45	2.90	1.90	2.50	3.50	0.40
8/15/2015 22:45	23.50	10.90	4.60	17.60	18.90
8/15/2015 21:45	3.80	10.50	16.00	18.40	0.00
8/15/2015 19:45	7.50	11.70	10.80	24.20	0.90
8/15/2015 18:45	8.00	30.70	8.20	10.90	22.50
8/15/2015 11:45	7.50	6.60	8.60	5.30	2.20
8/15/2015 20:00	13.80	17.60	13.40	22.80	4.20
8/15/2015 1:00	4.60	2.90	4.70	6.90	0.00
8/15/2015 5:00	18.90	4.70	1.80	2.20	17.10
8/15/2015 2:00	4.20	6.40	4.20	4.20	2.20
8/15/2015 0:00	5.20	7.80	5.80	7.60	2.00
8/15/2015 18:30	5.90	28.30	3.30	14.20	25.00
8/15/2015 10:45	3.60	5.20	6.40	3.70	1.50
8/15/2015 22:30	22.00	19.30	9.50	26.20	12.50
8/15/2015 14:15	4.90	10.80	5.50	23.30	5.30
8/15/2015 16:45	5.50	24.90	8.40	11.50	16.50
8/15/2015 20:15	14.00	10.00	19.90	14.60	0.00
8/15/2015 21:15	6.50	10.80	7.40	12.80	3.40
8/15/2015 12:45	9.80	9.80	12.50	17.70	0.00
8/15/2015 3:30	3.00	2.70	3.60	4.00	0.00
8/15/2015 2:30	4.80	4.30	2.60	4.20	2.20
8/15/2015 21:30	10.00	22.30	31.30	22.20	0.10
8/15/2015 5:45	2.70	5.20	1.40	2.20	3.80
8/15/2015 11:30	7.20	4.60	9.10	5.60	1.60
8/15/2015 3:00	3.50	2.50	5.50	4.50	0.00
8/15/2015 1:45	4.60	6.40	3.50	4.80	2.90
8/15/2015 22:00	13.40	21.20	2.70	13.00	18.50
8/15/2015 19:30	6.70	10.20	12.10	29.60	0.00
8/15/2015 23:30	8.90	7.70	2.80	9.40	6.10
8/15/2015 21:00	6.30	9.70	9.00	13.60	0.70
8/15/2015 20:30	6.60	9.20	7.60	13.30	1.60
8/15/2015 7:45	2.90	6.30	3.80	2.70	3.60
8/15/2015 9:15	18.60	14.10	16.40	13.70	4.90
8/15/2015 0:30	9.90	11.60	6.00	10.00	5.60
8/15/2015 6:15	1.80	2.20	6.00	6.00	0.00
8/15/2015 8:45	25.10	8.40	8.50	7.20	17.90
8/15/2015 14:30	6.20	8.70	4.80	6.80	3.90
8/15/2015 1:30	4.30	7.40	2.70	4.60	4.70
8/15/2015 3:15	9.30	6.90	9.50	3.70	5.60
8/15/2015 4:30	2.60	3.70	1.80	2.40	1.90
8/15/2015 4:15	7.30	4.10	9.50	3.50	3.80
8/15/2015 10:15	13.20	9.80	4.10	7.20	9.10
8/15/2015 10:00	7.10	8.70	6.60	6.20	2.50
8/16/2015 5:45	2.00	7.50	6.00	12.50	1.50
8/16/2015 19:45	24.80	11.10	6.20	5.30	19.50
8/16/2015 0:30	3.90	5.20	6.10	10.30	0.00
8/16/2015 1:30	4.10	6.80	19.70	17.40	0.00
8/16/2015 3:15	9.40	7.10	30.00	7.40	2.00
8/16/2015 11:45	3.30	6.70	1.50	3.80	5.20
8/16/2015 3:30	9.40	7.20	3.50	9.90	5.90
8/16/2015 1:00	6.20	13.70	5.20	31.10	8.50
8/16/2015 5:00	6.30	8.50	5.30	33.10	3.20
8/16/2015 3:00	6.00	12.50	16.90	13.50	0.00
8/16/2015 1:45	1.80	14.70	5.20	16.30	9.50
8/16/2015 10:15	4.20	3.90	4.40	26.10	0.00
8/16/2015 2:00	6.80	14.10	7.10	17.00	7.00
8/16/2015 4:30	6.10	20.10	5.50	36.90	14.60
8/16/2015 6:00	1.00	6.90	3.90	18.20	3.00
8/16/2015 19:30	13.30	8.60	28.60	14.70	0.00
8/16/2015 23:30	16.00	16.80	18.30	28.00	0.00



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Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Turbidity Data
5-2-15 to 8-17-15
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
8/16/2015 20:30	5.30	15.10	10.60	17.30	4.50
8/16/2015 18:30	9.30	8.50	4.20	13.00	5.10
8/16/2015 4:45	5.10	29.70	1.30	8.30	28.40
8/16/2015 9:15	5.30	6.50	4.20	5.50	2.30
8/16/2015 22:30	12.40	27.90	13.80	38.20	14.10
8/16/2015 6:15	5.80	9.10	6.10	11.60	3.00
8/16/2015 11:30	2.40	5.90	2.10	3.10	3.80
8/16/2015 22:00	6.20	18.30	9.60	49.70	8.70
8/16/2015 10:45	4.40	2.90	4.80	4.60	0.00
8/16/2015 0:00	13.50	10.30	10.10	13.60	3.40
8/16/2015 21:00	8.40	22.40	10.60	16.60	11.80
8/16/2015 7:45	4.90	6.90	4.30	6.70	2.60
8/16/2015 8:45	1.80	5.30	4.50	7.80	0.80
8/16/2015 16:30	9.40	22.00	9.70	9.50	12.50
8/16/2015 14:30	11.80	9.70	8.00	22.40	3.80
8/16/2015 1:15	5.50	8.30	5.70	9.60	2.60
8/16/2015 5:15	6.30	25.70	5.60	12.10	20.10
8/16/2015 2:45	20.80	24.40	35.10	25.40	0.00
8/16/2015 18:00	7.20	12.70	15.90	15.20	0.00
8/16/2015 4:15	8.10	18.60	5.00	37.90	13.60
8/16/2015 3:45	0.80	19.70	8.10	6.80	12.90
8/16/2015 15:30	11.50	15.40	14.20	13.30	2.10
8/16/2015 7:00	5.80	8.10	1.60	5.10	6.50
8/16/2015 11:00	4.70	8.20	1.80	3.30	6.40
8/16/2015 0:15	4.80	12.80	15.20	7.10	5.70
8/16/2015 8:00	5.50	7.30	1.70	5.20	5.60
8/16/2015 19:00	19.00	16.30	28.70	15.80	3.20
8/16/2015 9:30	5.80	3.10	3.40	6.00	2.40
8/16/2015 9:45	2.70	2.00	5.50	6.30	0.00
8/16/2015 12:00	3.30	3.50	3.60	6.60	0.00
8/16/2015 10:00	5.80	2.50	3.40	6.40	2.40
8/16/2015 8:15	7.30	11.20	3.00	5.60	8.20
8/16/2015 7:15	4.30	22.70	1.50	4.90	21.20
8/16/2015 11:15	2.40	6.50	0.90	4.10	5.60
8/16/2015 14:00	12.30	12.70	9.80	7.20	5.50
8/16/2015 8:30	5.40	7.10	1.60	4.30	5.50
8/16/2015 13:00	13.80	12.70	9.70	13.60	4.10
8/16/2015 17:00	12.90	17.70	32.90	15.50	2.20
8/16/2015 10:30	5.20	5.50	4.10	3.60	1.90
8/16/2015 7:30	4.40	8.20	2.30	7.50	0.00
8/16/2015 9:00	4.70	7.10	4.40	6.00	2.70
8/16/2015 16:15	8.60	7.30	12.70	11.10	0.00
8/16/2015 13:30	10.60	8.40	12.60	7.20	3.40
8/16/2015 17:30	10.50	17.00	22.20	9.80	7.20
8/16/2015 5:30	5.50	7.90	6.10	8.00	1.80
8/16/2015 22:15	10.50	59.70	7.60	16.30	52.10
8/16/2015 2:15	11.30	16.30	2.50	17.90	13.80
8/16/2015 12:15	43.70	37.60	4.50	15.10	39.20
8/16/2015 6:30	6.10	16.00	4.60	7.40	11.40
8/16/2015 12:30	14.70	20.10	29.70	25.00	0.00
8/16/2015 6:45	4.10	7.80	1.80	6.20	6.00
8/16/2015 15:15	5.80	8.60	13.90	19.10	0.00
8/16/2015 23:45	14.90	14.40	7.50	11.60	7.40
8/16/2015 17:45	8.20	15.80	17.00	10.60	5.20
8/16/2015 4:00	8.60	29.10	7.00	42.40	22.10
8/16/2015 0:45	1.10	5.80	7.00	10.60	0.00
8/16/2015 13:45	11.10	10.00	14.30	8.90	2.20
8/16/2015 16:00	6.00	6.40	14.40	7.10	0.00
8/16/2015 20:45	12.50	35.90	9.60	16.00	26.30
8/16/2015 15:00	20.20	19.90	6.00	21.60	14.20
8/16/2015 19:15	12.90	11.70	5.40	9.60	7.50
8/16/2015 23:15	10.00	19.50	20.20	27.00	0.00
8/16/2015 20:15	13.60	17.90	4.40	13.40	13.50
8/16/2015 21:45	11.30	19.60	5.40	16.40	14.20
8/16/2015 18:45	13.10	16.50	21.30	8.60	7.90
8/16/2015 21:15	5.50	8.60	10.00	44.90	0.00
8/16/2015 23:00	14.70	35.30	25.30	32.50	10.00
8/16/2015 20:00	31.70	12.90	7.60	8.90	24.10
8/16/2015 2:30	5.40	12.90	21.90	35.20	0.00
8/16/2015 21:30	8.10	56.10	9.50	13.50	46.60
8/16/2015 18:15	5.50	7.60	11.90	13.70	0.00
8/16/2015 22:45	46.40	56.70	18.70	25.70	38.00
8/16/2015 14:15	9.40	10.50	12.40	14.10	0.00
8/16/2015 13:15	16.20	11.70	15.40	12.70	3.50
8/16/2015 17:15	14.60	13.20	26.50	10.60	4.00
8/16/2015 12:45	16.20	13.20	23.70	12.60	3.60
8/16/2015 14:45	17.70	28.90	26.50	33.70	2.40
8/16/2015 16:45	10.50	13.50	11.30	15.20	2.20
8/16/2015 15:45	5.70	6.20	19.70	9.30	0.00
8/17/2015 18:15	7.30	7.30	5.40	10.60	1.90
8/17/2015 5:30	10.10	6.30	3.60	7.00	6.50
8/17/2015 13:30	4.10	4.50	4.30	6.30	0.20
8/17/2015 17:30	4.30	14.40	6.80	8.20	7.60
8/17/2015 4:00	5.40	5.80	7.00	6.50	0.00
8/17/2015 16:00	3.80	6.00	5.30	8.10	0.70
8/17/2015 15:45	2.50	7.10	4.00	7.30	3.10
8/17/2015 12:15	2.60	6.00	4.50	7.50	1.50
8/17/2015 14:45	1.00	5.70	3.90	10.70	1.80
8/17/2015 14:15	4.20	4.50	3.30	10.60	1.20



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
8/17/2015 6:30	6.30	12.00	4.10	7.20	7.90
8/17/2015 19:15	6.20	16.60	5.80	7.10	10.80
8/17/2015 10:30	11.90	12.10	10.40	10.10	2.00
8/17/2015 7:30	6.30	6.90	7.50	7.90	0.00
8/17/2015 13:15	3.70	7.10	5.00	5.50	0.00
8/17/2015 17:15	4.80	9.30	5.70	6.40	3.60
8/17/2015 9:00	0.90	11.40	5.50	10.40	5.90
8/17/2015 0:00	12.80	10.40	12.50	11.70	1.10
8/17/2015 10:45	7.20	7.90	10.70	9.00	0.00
8/17/2015 7:45	5.40	6.80	5.50	9.00	1.30
8/17/2015 18:30	6.50	9.00	6.50	16.10	2.50
8/17/2015 9:15	1.60	12.00	4.70	5.90	7.30
8/17/2015 16:45	5.20	26.10	3.40	6.20	0.00
8/17/2015 2:30	11.40	3.80	14.80	6.80	4.60
8/17/2015 12:45	2.60	7.10	4.30	6.40	2.80
8/17/2015 3:30	10.70	4.60	11.50	10.40	0.30
8/17/2015 4:30	9.90	6.20	9.50	5.60	4.30
8/17/2015 10:15	7.40	10.80	15.40	15.30	0.00
8/17/2015 6:00	6.80	6.40	7.20	6.90	0.00
8/17/2015 4:45	11.10	6.20	12.10	7.50	3.60
8/17/2015 18:45	5.10	6.70	7.80	18.10	0.00
8/17/2015 11:45	5.30	9.50	4.00	6.20	5.50
8/17/2015 1:00	10.10	6.10	10.50	4.80	5.30
8/17/2015 5:00	10.10	6.30	10.00	9.60	0.50
8/17/2015 2:00	14.40	6.70	14.40	5.40	9.00
8/17/2015 0:15	10.10	11.60	10.80	11.80	0.80
8/17/2015 6:15	8.40	7.30	5.90	8.00	2.50
8/17/2015 8:45	7.80	11.20	6.10	6.00	5.20
8/17/2015 14:30	4.00	5.30	0.50	4.40	4.80
8/17/2015 19:00	7.20	34.40	5.70	4.70	29.70
8/17/2015 0:30	12.40	5.10	12.50	11.60	0.80
8/17/2015 1:15	6.70	5.00	6.80	4.50	2.20
8/17/2015 5:15	5.60	9.20	12.20	7.10	2.10
8/17/2015 1:30	6.40	4.40	4.60	4.40	2.00
8/17/2015 3:15	13.10	9.00	4.90	4.60	8.50
8/17/2015 10:00	13.50	19.00	2.80	9.50	16.20
8/17/2015 4:15	9.90	6.60	5.70	6.20	4.20
8/17/2015 8:30	6.40	10.50	5.50	6.40	5.00
8/17/2015 5:45	4.80	6.30	9.60	6.20	0.10
8/17/2015 11:30	2.40	6.40	5.50	6.70	0.90
8/17/2015 3:00	8.10	4.60	6.90	5.90	2.20
8/17/2015 2:45	11.10	3.30	9.70	5.60	5.50
8/17/2015 1:45	5.50	6.60	15.10	4.80	1.80
8/17/2015 16:15	4.20	33.00	4.70	6.60	28.30
8/17/2015 17:45	6.40	4.80	4.40	6.40	2.00
8/17/2015 15:30	5.00	7.80	3.00	6.50	4.80
8/17/2015 14:00	4.00	4.50	3.80	11.80	0.70
8/17/2015 0:45	12.30	5.00	13.00	6.10	6.20
8/17/2015 13:45	3.10	4.40	3.90	11.70	0.50
8/17/2015 2:15	11.70	4.70	13.60	11.00	0.70
8/17/2015 12:30	3.30	8.20	5.80	5.90	2.40
8/17/2015 15:00	6.10	11.00	3.40	7.10	7.60
8/17/2015 13:00	5.10	6.00	7.30	5.00	1.00
8/17/2015 17:00	1.80	5.00	2.40	20.40	2.60
8/17/2015 16:30	2.60	8.80	3.00	14.30	5.80
8/17/2015 9:45	3.00	10.50	5.20	19.10	5.30
8/17/2015 12:00	4.40	10.60	6.00	5.80	4.80
8/17/2015 8:15	1.60	5.70	6.90	5.70	0.00
8/17/2015 7:15	6.90	7.20	4.20	5.10	3.00
8/17/2015 11:15	1.90	6.50	5.00	5.70	1.50
8/17/2015 7:00	1.20	4.30	7.20	8.50	0.00
8/17/2015 11:00	5.70	6.70	7.00	7.90	0.00
8/17/2015 8:00	4.10	5.70	2.20	6.40	3.50
8/17/2015 6:45	5.70	5.50	3.90	6.00	1.80
8/17/2015 15:15	6.90	8.00	3.70	9.40	4.30
8/17/2015 9:30	2.90	12.70	5.00	23.50	7.70
8/17/2015 18:00	7.40	4.90	6.00	14.10	1.40
8/17/2015 3:45	9.60	6.60	10.60	6.70	2.90