

## Impact Water Quality Monitoring for Dredging Activities at SB CMP 2

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2013/11/27	MF	DS1	13:14:09	B	2.0	266.8	0.39	22.65	30.23	82.02	5.95	11.88	7.83	16
2013/11/27	MF	DS1	13:15:10	T	1.1	285.1	0.63	22.66	30.21	82.85	6.01	11.48	7.83	16
2013/11/27	MF	DS1	13:16:06	B	2.1	250.6	0.64	22.65	30.28	82.16	5.95	13.18	7.84	17
2013/11/27	MF	DS1	13:17:16	T	1.0	262.7	0.43	22.65	30.19	82.68	6.00	11.48	7.84	16
2013/11/27	MF	DS1	13:18:07	B	1.9	351.5	0.49	22.65	30.27	82.09	5.95	12.78	7.84	16
2013/11/27	MF	DS1	13:19:10	T	1.0	152.6	0.16	22.65	30.16	84.63	6.14	11.08	7.85	16
2013/11/27	MF	DS2	13:24:44	B	2.0	345.9	0.63	22.47	29.61	90.10	6.58	6.98	7.88	7
2013/11/27	MF	DS2	13:25:29	T	1.2	12.4	0.45	22.63	29.26	93.55	6.82	4.88	7.89	5
2013/11/27	MF	DS2	13:26:21	B	2.0	253.2	0.18	22.59	29.31	91.85	6.70	5.68	7.89	8
2013/11/27	MF	DS2	13:27:17	T	1.2	186.4	0.62	22.63	29.27	93.79	6.84	4.88	7.89	6
2013/11/27	MF	DS2	13:28:21	B	2.0	274.8	0.44	22.47	29.65	87.43	6.38	5.18	7.88	6
2013/11/27	MF	DS2	13:29:12	T	1.0	186.4	0.62	22.64	29.26	93.32	6.80	4.68	7.89	6
2013/11/27	MF	DS3	13:34:38	B	2.1	245.4	0.46	22.52	29.36	94.65	6.91	4.68	7.91	6
2013/11/27	MF	DS3	13:35:26	T	1.2	327.0	0.66	22.52	29.15	96.18	7.03	3.98	7.92	4
2013/11/27	MF	DS3	13:36:09	B	2.0	60.5	0.26	22.48	29.51	90.93	6.64	5.78	7.89	5
2013/11/27	MF	DS3	13:37:03	T	1.0	193.6	0.61	22.50	29.15	96.22	7.04	3.98	7.92	4
2013/11/27	MF	DS3	13:38:12	B	1.9	158.5	0.89	22.49	29.38	91.17	6.66	5.78	7.90	6
2013/11/27	MF	DS3	13:39:07	T	1.0	193.6	0.61	22.49	29.15	96.36	7.05	3.98	7.92	4
2013/11/27	MF	DS4	13:45:08	B	2.9	54.6	0.86	22.58	29.37	94.96	6.93	3.98	7.90	5
2013/11/27	MF	DS4	13:46:06	T	1.1	198.2	0.67	22.54	29.33	94.98	6.94	3.58	7.90	5
2013/11/27	MF	DS4	13:47:09	B	3.0	258.6	0.81	22.54	29.36	94.80	6.92	4.68	7.90	5
2013/11/27	MF	DS4	13:48:11	T	1.1	110.0	0.31	22.52	29.28	95.13	6.95	3.88	7.90	5
2013/11/27	MF	DS4	13:49:32	B	3.0	225.4	0.56	22.50	29.73	94.04	6.86	7.28	7.91	6
2013/11/27	MF	DS4	13:50:15	T	0.9	110.0	0.31	22.55	29.32	95.17	6.95	4.08	7.90	5
2013/11/27	MF	DS5	13:56:25	B	3.9	21.7	0.27	22.33	29.63	94.48	6.91	4.98	7.93	7
2013/11/27	MF	DS5	13:57:17	M	2.9	167.9	0.06	22.28	29.33	95.21	6.98	3.98	7.93	6
2013/11/27	MF	DS5	13:58:17	T	1.1	4.0	0.33	22.38	29.07	98.19	7.20	3.88	7.92	6
2013/11/27	MF	DS5	13:59:09	B	3.9	230.2	0.73	22.27	29.34	95.15	6.98	4.18	7.92	8
2013/11/27	MF	DS5	14:00:09	M	2.9	203.0	0.22	22.27	29.30	95.68	7.02	3.78	7.92	4
2013/11/27	MF	DS5	14:01:08	T	1.2	4.0	0.33	22.42	28.95	98.55	7.23	4.18	7.92	6
2013/11/27	MF	DS5	14:02:08	B	3.8	76.4	0.15	22.36	29.71	94.29	6.89	6.18	7.92	6
2013/11/27	MF	DS5	14:03:07	M	3.0	213.9	0.38	22.29	29.41	95.23	6.98	4.38	7.92	7
2013/11/27	MF	DS5	14:04:07	T	1.0	4.0	0.33	22.42	28.97	98.01	7.19	4.08	7.92	5
2013/11/27	MF	US1	14:48:30	B	2.9	193.6	0.91	22.60	30.71	92.99	6.74	6.08	7.89	7
2013/11/27	MF	US1	14:49:29	T	1.2	120.6	0.60	22.51	30.33	92.91	6.75	3.78	7.88	6
2013/11/27	MF	US1	14:50:58	B	3.1	98.0	0.77	22.52	30.41	91.70	6.66	4.48	7.88	7
2013/11/27	MF	US1	14:51:47	T	1.1	120.6	0.60	22.52	30.38	92.23	6.70	4.08	7.87	8
2013/11/27	MF	US1	14:52:44	B	3.1	221.5	0.29	22.50	30.67	89.88	6.52	5.78	7.86	8
2013/11/27	MF	US1	14:53:45	T	1.1	120.6	0.60	22.51	30.36	91.96	6.68	4.08	7.87	6
2013/11/27	MF	US2	15:00:18	B	3.0	244.3	0.91	22.64	30.69	87.35	6.32	5.98	7.86	6
2013/11/27	MF	US2	15:01:07	T	1.1	285.2	1.08	22.57	30.55	89.52	6.47	3.78	7.87	5
2013/11/27	MF	US2	15:02:46	B	3.1	344.0	0.23	22.64	30.69	87.60	6.34	5.48	7.86	7
2013/11/27	MF	US2	15:03:34	T	1.1	292.3	0.15	22.58	30.55	88.44	6.41	4.08	7.87	6
2013/11/27	MF	US2	15:04:49	B	3.2	344.9	0.63	22.57	30.54	89.19	6.46	3.88	7.87	5
2013/11/27	MF	US2	15:05:45	T	1.2	243.8	0.06	22.57	30.57	89.11	6.46	4.18	7.87	5
2013/11/27	MF	MW1	15:02:05	B	19.1	54.7	0.47	22.63	31.93	88.56	6.36	5.60	7.88	10
2013/11/27	MF	MW1	15:02:59	M	10.4	76.4	0.53	22.62	31.87	88.52	6.36	4.59	7.87	9
2013/11/27	MF	MW1	15:04:08	T	0.9	31.2	0.29	22.52	31.44	90.13	6.50	2.75	7.87	6
2013/11/27	MF	MW1	15:05:16	B	18.8	98.3	0.19	22.64	31.96	87.87	6.31	5.94	7.87	9
2013/11/27	MF	MW1	15:06:07	M	10.7	36.9	0.78	22.62	31.89	88.01	6.32	4.17	7.87	7
2013/11/27	MF	MW1	15:07:12	T	1.1	149.1	0.24	22.51	31.43	90.36	6.52	2.36	7.86	5
2013/11/27	MF	MW1	15:08:31	B	18.9	151.3	0.68	22.64	32.00	87.66	6.29	6.35	7.86	10
2013/11/27	MF	MW1	15:09:16	M	10.7	153.1	0.15	22.62	31.90	87.88	6.31	4.63	7.86	8
2013/11/27	MF	MW1	15:10:55	T	0.9	337.1	0.10	22.51	31.43	90.34	6.52	2.27	7.86	6
2013/11/27	MF	THB1	13:40:11	B	2.9	164.3	0.36	22.72	30.13	86.13	6.24	9.23	7.81	7
2013/11/27	MF	THB1	13:41:07	T	0.9	156.4	0.38	22.55	29.35	95.21	6.95	3.65	7.84	6
2013/11/27	MF	THB1	13:42:16	B	3.0	63.8	0.14	22.75	30.19	84.50	6.12	9.42	7.80	7
2013/11/27	MF	THB1	13:43:09	T	1.1	168.6	0.41	22.63	29.42	93.86	6.84	3.75	7.83	6
2013/11/27	MF	THB1	13:44:08	B	3.0	326.0	0.33	22.75	30.20	84.39	6.11	10.40	7.79	8
2013/11/27	MF	THB1	13:45:10	T	0.9	295.0	1.05	22.66	29.43	94.24	6.86	3.84	7.83	6
2013/11/27	MF	THB2	13:49:07	M	1.3	40.0	0.03	22.28	28.04	97.14	7.18	9.09	7.52	7
2013/11/27	MF	THB2	13:50:01	M	1.3	40.0	0.03	22.28	28.06	97.24	7.19	8.29	7.51	5
2013/11/27	MF	THB2	13:51:08	M	1.3	40.0	0.03	22.14	27.93	97.13	7.20	6.88	7.49	6
2013/11/27	MF	WSR45C	14:20:30	B	13.0	194.4	0.44	22.65	31.12	86.85	6.26	3.90	7.84	6
2013/11/27	MF	WSR45C	14:21:36	M	7.6	268.5	0.99	22.68	30.59	90.37	6.54	2.93	7.84	5
2013/11/27	MF	WSR45C	14:22:26	T	0.9	176.4	0.53	22.67	30.54	91.06	6.59	3.02	7.84	6
2013/11/27	MF	WSR45C	14:23:35	B	12.6	164.4	0.98	22.65	31.12	87.02	6.28	3.89	7.84	6
2013/11/27	MF	WSR45C	14:24:19	M	7.4	251.3	0.38	22.60	30.66	89.27	6.46	2.92	7.84	5
2013/11/27	MF	WSR45C	14:25:15	T	1.2	256.5	0.18	22.67	30.55	90.78	6.57	2.94	7.84	5
2013/11/27	MF	WSR45C	14:26:21	B	12.8	214.2	0.12	22.65	31.15	87.02	6.28	4.24	7.84	7
2013/11/27	MF	WSR45C	14:27:27	M	7.5	325.1	0.04	22.61	30.61	90.43	6.55	3.04	7.85	4
2013/11/27	MF	WSR45C	14:28:41	T	1.0	309.0	0.62	22.67	30.55	91.07	6.59	2.91	7.85	6
2013/11/27	MF	WSR46	13:09:57	B	9.0	263.2	0.47	22.47	30.94	91.39	6.62	11.97	7.78	13
2013/11/27	MF	WSR46	13:11:03	M	5.6	16.8	0.39	22.50	30.70	92.02	6.67	5.54	7.79	7
2013/11/27	MF	WSR46	13:12:07	T	1.0	325.3	0.58	22.45	29.94	95.66	6.97	5.38	7.81	7
2013/11/27	MF	WSR46	13:13:07	B	8.9	303.0	0.85	22.46	30.96	91.49	6.63	13.09	7.82	14
2013/11/27	MF	WSR46	13:14:01	M	5.6	237.3	0.42	22.49	30.75	91.91	6.66	5.62	7.82	7
2013/11/27	MF	WSR46	13:15:13	T	1.0	334.4	0.75	22.43	29.94	95.38	6.95	5.58	7.82	6
2013/11/27	MF	WSR46	13:16:09	B	9.0	298.3	0.62	22.46	30.97	91.48	6.63	15.13	7.82	14
2013/11/27	MF	WSR46	13:17:17	M	5.5	253.6	0.67	22.50	30.65	92.52	6.71	5.18	7.82	6
2013/11/27	MF	WSR46	13:18:21	T	1.1	297.9	0.61	22.43	29.98	95.34	6.95	5.58	7.83	7

Impact Water Quality Monitoring for Dredging Activities at SB CMP 2

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2013/11/27	ME	DS1	5:49:31	B	3.1	333.9	0.60	22.24	29.71	93.31	6.83	10.78	7.83	13
2013/11/27	ME	DS1	5:50:30	T	1.0	105.2	0.51	22.15	29.51	91.81	6.74	10.58	7.85	13
2013/11/27	ME	DS1	5:51:24	B	3.0	114.9	0.54	22.18	29.52	91.12	6.69	11.08	7.85	14
2013/11/27	ME	DS1	5:52:12	T	1.0	25.2	0.90	22.16	29.50	91.32	6.71	10.68	7.85	13
2013/11/27	ME	DS1	5:53:20	B	3.0	34.4	0.40	22.21	29.56	90.33	6.63	11.08	7.86	14
2013/11/27	ME	DS1	5:54:11	T	1.0	25.2	0.90	22.17	29.51	90.63	6.66	11.08	7.86	13
2013/11/27	ME	DS2	6:03:27	B	3.0	264.8	0.27	22.38	30.15	89.29	6.51	4.88	7.88	4
2013/11/27	ME	DS2	6:04:16	T	1.0	245.7	0.57	22.17	29.89	87.89	6.44	4.58	7.88	5
2013/11/27	ME	DS2	6:05:11	B	3.0	202.4	0.10	21.90	29.66	89.90	6.63	3.98	7.88	4
2013/11/27	ME	DS2	6:06:21	T	1.0	343.1	0.28	21.79	29.58	90.41	6.68	3.88	7.88	5
2013/11/27	ME	DS2	6:07:23	B	3.0	196.4	0.73	22.01	29.75	90.22	6.63	4.28	7.88	6
2013/11/27	ME	DS2	6:08:15	T	1.0	288.3	0.33	21.81	29.59	90.23	6.66	3.88	7.89	5
2013/11/27	ME	DS3	6:14:59	B	7.0	98.8	0.24	22.70	30.76	86.15	6.22	5.08	7.89	8
2013/11/27	ME	DS3	6:16:10	M	4.5	104.9	0.73	22.46	30.34	86.76	6.31	3.78	7.89	4
2013/11/27	ME	DS3	6:17:13	T	1.0	18.4	1.01	22.26	30.15	88.68	6.48	3.78	7.90	4
2013/11/27	ME	DS3	6:18:14	B	7.0	27.2	0.26	22.71	30.65	84.17	6.08	4.38	7.88	8
2013/11/27	ME	DS3	6:19:10	M	4.5	151.1	0.15	22.49	30.38	86.78	6.30	3.98	7.89	4
2013/11/27	ME	DS3	6:20:10	T	1.0	31.5	0.67	22.09	29.90	88.60	6.50	3.68	7.89	4
2013/11/27	ME	DS3	6:23:07	B	7.0	357.9	0.33	22.71	30.75	85.70	6.19	4.68	7.87	8
2013/11/27	ME	DS3	6:24:12	M	4.5	14.8	0.30	22.58	30.44	85.61	6.21	4.28	7.88	5
2013/11/27	ME	DS3	6:25:12	T	1.0	294.8	0.16	21.75	29.37	88.83	6.58	3.78	7.89	4
2013/11/27	ME	DS4	6:31:39	B	5.0	61.7	0.29	22.50	30.43	88.97	6.46	3.88	7.89	6
2013/11/27	ME	DS4	6:32:26	M	3.5	0.4	1.03	22.44	30.38	87.27	6.35	3.78	7.88	5
2013/11/27	ME	DS4	6:33:21	T	1.0	325.7	0.45	21.88	29.45	88.48	6.53	3.78	7.89	5
2013/11/27	ME	DS4	6:34:15	B	5.0	280.4	0.48	22.51	30.47	87.38	6.34	4.08	7.89	6
2013/11/27	ME	DS4	6:35:07	M	3.5	193.8	0.55	22.35	30.30	87.29	6.36	3.68	7.88	5
2013/11/27	ME	DS4	6:35:58	T	1.0	233.0	0.42	21.90	29.52	89.30	6.59	3.78	7.89	5
2013/11/27	ME	DS4	6:36:48	B	5.0	287.9	0.81	22.41	30.36	87.60	6.37	3.68	7.89	6
2013/11/27	ME	DS4	6:37:54	M	3.5	157.2	0.41	22.39	30.34	87.20	6.35	3.78	7.89	5
2013/11/27	ME	DS4	6:38:42	T	1.0	330.6	0.23	22.04	29.79	88.82	6.53	3.88	7.89	4
2013/11/27	ME	DS5	6:44:47	B	6.9	2.5	0.36	22.70	30.82	85.54	6.17	4.18	7.90	6
2013/11/27	ME	DS5	6:45:38	M	4.5	186.8	0.36	22.58	30.64	86.25	6.25	3.68	7.90	5
2013/11/27	ME	DS5	6:46:20	T	1.0	124.3	0.61	22.18	30.01	87.26	6.39	3.48	7.89	5
2013/11/27	ME	DS5	6:47:11	B	7.0	33.1	0.33	22.67	30.78	85.65	6.19	3.48	7.90	5
2013/11/27	ME	DS5	6:48:12	M	4.5	317.1	0.15	22.55	30.64	86.87	6.29	3.58	7.90	7
2013/11/27	ME	DS5	6:49:10	T	1.0	124.3	0.61	22.01	29.80	87.68	6.45	3.38	7.89	6
2013/11/27	ME	DS5	6:50:11	B	7.0	39.9	0.45	22.66	30.77	85.67	6.19	3.58	7.90	6
2013/11/27	ME	DS5	6:51:13	M	4.5	303.1	0.14	22.55	30.60	86.38	6.26	3.58	7.90	6
2013/11/27	ME	DS5	6:52:11	T	1.0	124.3	0.61	22.07	29.80	87.50	6.43	3.38	7.89	6
2013/11/27	ME	US1	7:27:15	B	3.0	200.9	1.74	22.04	29.22	92.97	6.85	5.78	7.80	7
2013/11/27	ME	US1	7:28:15	T	1.0	275.8	0.39	22.03	29.21	91.47	6.74	5.88	7.78	7
2013/11/27	ME	US1	7:29:08	B	3.0	191.9	0.38	22.03	29.21	90.56	6.68	5.88	7.78	8
2013/11/27	ME	US1	7:30:12	T	1.0	275.8	0.39	22.03	29.21	90.67	6.69	5.78	7.78	6
2013/11/27	ME	US1	7:31:12	B	3.0	25.1	0.65	22.03	29.21	90.38	6.66	5.88	7.78	8
2013/11/27	ME	US1	7:32:22	T	1.0	287.5	0.48	22.03	29.21	90.59	6.68	5.88	7.78	6
2013/11/27	ME	US2	7:38:47	B	2.0	169.5	0.07	22.16	29.27	89.92	6.61	5.78	7.80	7
2013/11/27	ME	US2	7:39:35	T	0.9	328.4	0.03	22.15	29.25	89.52	6.59	5.28	7.80	5
2013/11/27	ME	US2	7:40:53	B	2.0	199.6	0.21	22.15	29.24	89.13	6.56	5.38	7.80	7
2013/11/27	ME	US2	7:41:29	T	1.0	226.0	0.94	22.15	29.24	89.23	6.56	5.18	7.80	5
2013/11/27	ME	US2	7:43:20	B	2.0	39.9	0.60	22.14	29.23	89.24	6.57	5.28	7.80	8
2013/11/27	ME	US2	7:44:11	T	1.0	30.5	1.50	22.14	29.23	89.45	6.58	4.88	7.80	6
2013/11/27	ME	MW1	6:05:21	B	17.9	259.1	0.07	22.58	31.83	87.84	6.32	2.46	7.88	5
2013/11/27	ME	MW1	6:06:12	M	10.0	149.2	0.41	22.59	31.83	88.10	6.34	2.12	7.89	6
2013/11/27	ME	MW1	6:07:14	T	1.0	219.1	0.09	22.55	31.53	87.66	6.32	2.21	7.89	3
2013/11/27	ME	MW1	6:08:31	B	17.9	341.6	0.59	22.59	31.86	87.90	6.32	2.12	7.90	6
2013/11/27	ME	MW1	6:09:24	M	10.0	29.3	0.40	22.61	31.85	87.95	6.32	2.28	7.91	5
2013/11/27	ME	MW1	6:10:13	T	1.0	72.3	0.35	22.52	31.52	87.67	6.32	2.28	7.90	4
2013/11/27	ME	MW1	6:11:19	B	18.0	107.9	0.32	22.59	31.87	88.12	6.34	2.27	7.91	6
2013/11/27	ME	MW1	6:12:17	M	10.1	125.3	0.54	22.59	31.85	88.09	6.33	2.33	7.92	5
2013/11/27	ME	MW1	6:13:10	T	1.0	116.1	0.70	22.51	31.50	87.59	6.32	2.22	7.90	3
2013/11/27	ME	THB1	7:15:38	B	3.2	23.1	0.35	22.59	30.04	85.05	6.18	8.89	7.86	9
2013/11/27	ME	THB1	7:16:23	T	1.2	227.8	0.49	22.27	29.59	86.27	6.35	5.38	7.84	6
2013/11/27	ME	THB1	7:17:26	B	2.9	346.2	0.31	22.25	29.98	89.26	6.50	6.72	7.86	11
2013/11/27	ME	THB1	7:18:18	T	1.1	198.6	0.48	22.40	29.61	86.41	6.33	5.38	7.83	7
2013/11/27	ME	THB1	7:19:12	B	2.8	225.1	0.79	22.43	29.90	87.64	6.39	10.30	7.85	10
2013/11/27	ME	THB1	7:20:10	T	1.2	190.1	0.36	22.25	29.56	86.64	6.35	5.32	7.84	7
2013/11/27	ME	THB2	7:22:12	M	1.4	40.0	0.03	22.17	28.53	89.03	6.57	3.78	7.46	4
2013/11/27	ME	THB2	7:23:23	M	1.4	40.0	0.03	22.21	28.55	86.43	6.38	3.88	7.57	6
2013/11/27	ME	THB2	7:24:20	M	1.4	40.0	0.03	22.21	28.61	86.31	6.37	3.88	7.59	4
2013/11/27	ME	WSR45C	6:47:21	B	11.9	76.7	0.56	22.74	31.81	85.28	6.12	3.97	7.90	6
2013/11/27	ME	WSR45C	6:48:26	M	6.9	32.0	0.70	22.61	30.83	87.39	6.32	3.19	7.88	5
2013/11/27	ME	WSR45C	6:49:14	T	1.0	334.2	0.51	22.26	30.41	89.30	6.51	3.53	7.88	5
2013/11/27	ME	WSR45C	6:50:18	B	12.0	167.5	0.20	22.74	31.80	84.73	6.08	3.92	7.89	5
2013/11/27	ME	WSR45C	6:51:14	M	7.0	358.3	0.34	22.62	30.85	87.06	6.29	3.00	7.88	6
2013/11/27	ME	WSR45C	6:52:09	T	1.0	21.5	0.29	22.32	30.45	88.83	6.47	3.46	7.88	4
2013/11/27	ME	WSR45C	6:53:08	B	12.0	166.8	0.68	22.65	31.76	84.86	6.09	3.61	7.89	6
2013/11/27	ME	WSR45C	6:54:09	M	7.0	327.9	0.57	22.74	30.88	87.03	6.29	3.20	7.88	5
2013/11/27	ME	WSR45C	6:55:09	T	1.0	309.9	0.49	22.29	30.43	89.00	6.49	3.45	7.88	4
2013/11/27	ME	WSR46	7:50:50	B	9.0	124.2	0.34	22.52	31.23	89.79	6.49	7.96	7.87	7
2013/11/27	ME	WSR46	7:51:48	M	5.5	19.8	0.61	22.52	30.93	90.83	6.57	4.97	7.87	5
2013/11/27	ME	WSR46	7:52:48	T	1.1	150.0	0.43	22.26	30.33	90.54	6.61	5.18	7.85	4
2013/11/27	ME	WSR46	7:53:39	B	9.2	76.6	0.70	22.53	31.19	89.40	6.46	7.45	7.86	7
2013/11/27	ME	WSR46	7:54:23	M	5.3	188.8	1.04	22.52	30.94	90.44	6.55	5.19	7.86	6
2013/11/27	ME	WSR46	7:55:10	T	1.0	45.7	1.06	22.24	30.30	90.51	6.61	5.05	7.85	5
2013/11/27	ME	WSR46	7:56:08	B	9.1	167.5	1.60	22.51	31.25	89.56	6.47	9.01	7.87	7
2013/11/27	ME	WSR46	7:57:08	M	5.6	85.7	0.40	22.52	30.84	89.77	6.50	4.82	7.86	5
2013/11/27	ME	WSR46	7:58:17	T	1.1	20								