

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)
2013/11/25	MF	DS1	11:46:29	B	2.0	197.0	0.51	22.56	26.32	94.36	7.01	82.25	7.97	102
2013/11/25	MF	DS1	11:47:48	T	0.9	94.7	0.50	22.60	26.25	94.34	7.01	43.41	7.97	90
2013/11/25	MF	DS1	11:48:33	B	2.0	285.4	0.38	22.57	26.35	93.63	6.95	73.74	7.97	103
2013/11/25	MF	DS1	11:49:27	T	1.2	62.1	0.61	22.60	26.27	93.82	6.97	52.12	7.97	93
2013/11/25	MF	DS1	11:50:30	B	1.9	192.1	0.57	22.57	26.40	93.31	6.93	60.93	7.96	104
2013/11/25	MF	DS1	11:51:35	T	0.9	23.4	0.83	22.60	26.32	93.49	6.94	67.24	7.95	92
2013/11/25	MF	DS2	12:00:24	B	1.9	113.0	0.92	22.59	26.47	94.57	7.04	19.29	7.93	31
2013/11/25	MF	DS2	12:01:21	T	1.3	335.6	1.58	22.66	26.28	94.96	7.04	22.89	7.94	27
2013/11/25	MF	DS2	12:02:32	B	2.2	175.1	0.56	22.62	26.38	94.64	7.02	15.69	7.95	30
2013/11/25	MF	DS2	12:03:41	T	1.1	302.7	0.37	22.65	26.32	94.33	7.00	25.90	7.95	28
2013/11/25	MF	DS2	12:04:57	B	2.1	277.5	0.60	22.62	26.50	93.82	6.95	22.89	7.96	31
2013/11/25	MF	DS2	12:05:52	T	1.2	115.8	0.51	22.65	26.29	94.00	6.97	23.29	7.95	29
2013/11/25	MF	DS3	12:15:17	B	1.8	166.0	0.17	22.63	26.51	94.87	7.03	8.88	7.96	12
2013/11/25	MF	DS3	12:16:20	T	1.1	87.4	0.38	22.69	26.29	95.06	7.05	7.58	7.96	8
2013/11/25	MF	DS3	12:17:23	B	1.9	329.5	0.83	22.62	26.55	94.65	7.01	9.38	7.96	11
2013/11/25	MF	DS3	12:18:18	T	1.0	209.7	0.71	22.68	26.30	94.93	7.04	8.18	7.96	9
2013/11/25	MF	DS3	12:19:19	B	1.9	115.7	0.21	22.62	26.59	94.42	6.99	10.08	7.95	13
2013/11/25	MF	DS3	12:20:14	T	1.0	346.7	0.49	22.65	26.33	94.91	7.04	7.68	7.95	9
2013/11/25	MF	DS4	12:28:46	B	2.9	81.9	0.53	22.65	27.00	96.08	7.10	11.08	7.94	13
2013/11/25	MF	DS4	12:29:40	T	0.9	266.6	0.51	22.82	26.37	96.07	7.10	8.58	7.94	8
2013/11/25	MF	DS4	12:30:31	B	2.9	214.5	0.21	22.64	26.84	95.56	7.07	9.88	7.95	13
2013/11/25	MF	DS4	12:31:19	T	1.0	247.1	1.35	22.72	26.45	95.55	7.07	7.68	7.94	7
2013/11/25	MF	DS4	12:32:16	B	3.1	83.7	0.64	22.65	26.89	95.24	7.04	9.98	7.95	12
2013/11/25	MF	DS4	12:33:25	T	0.9	274.5	0.43	22.73	26.51	95.52	7.07	8.48	7.95	9
2013/11/25	MF	DS5	12:40:20	B	5.0	323.9	0.58	22.53	27.23	96.22	7.11	8.28	7.97	14
2013/11/25	MF	DS5	12:41:15	M	3.5	235.2	0.84	22.48	26.60	95.81	7.12	5.28	7.95	12
2013/11/25	MF	DS5	12:42:16	T	1.0	259.2	0.86	22.70	26.38	96.69	7.16	4.47	7.95	4
2013/11/25	MF	DS5	12:43:18	B	4.9	104.8	0.76	22.39	27.55	94.60	7.00	11.28	7.96	14
2013/11/25	MF	DS5	12:44:16	M	3.5	310.7	0.59	22.49	26.55	95.58	7.10	5.78	7.95	12
2013/11/25	MF	DS5	12:45:15	T	0.9	171.9	0.41	22.73	26.38	96.16	7.12	5.28	7.95	4
2013/11/25	MF	DS5	12:46:28	B	4.9	87.7	0.17	22.47	27.43	94.07	6.95	16.59	7.96	14
2013/11/25	MF	DS5	12:47:36	M	3.5	332.3	1.27	22.49	26.57	95.14	7.07	5.58	7.94	13
2013/11/25	MF	DS5	12:48:44	T	1.3	225.4	1.48	22.71	26.37	96.11	7.12	4.77	7.94	4
2013/11/25	MF	US1	13:30:21	B	2.9	239.4	0.40	22.74	27.29	93.11	6.85	4.87	7.98	7
2013/11/25	MF	US1	13:31:24	T	0.9	274.9	0.27	22.65	26.73	95.25	7.05	3.97	7.81	5
2013/11/25	MF	US1	13:32:21	B	2.9	181.0	0.30	22.68	27.33	92.89	6.84	4.87	7.83	8
2013/11/25	MF	US1	13:33:14	T	1.2	130.9	0.38	22.70	26.70	94.93	7.02	4.67	7.85	6
2013/11/25	MF	US1	13:34:41	B	2.8	275.7	0.37	22.70	27.31	92.56	6.82	6.38	7.86	6
2013/11/25	MF	US1	13:35:36	T	1.0	275.5	0.72	22.65	26.76	94.41	6.98	4.17	7.87	4
2013/11/25	MF	US2	13:40:53	B	3.0	52.6	0.57	22.64	27.04	95.03	7.02	3.97	7.91	5
2013/11/25	MF	US2	13:41:57	T	1.1	275.5	0.72	22.70	27.17	95.02	7.01	3.97	7.90	4
2013/11/25	MF	US2	13:42:44	B	2.9	156.5	0.43	22.87	28.10	87.57	6.35	6.38	7.90	5
2013/11/25	MF	US2	13:43:31	T	1.3	275.5	0.72	22.62	27.03	93.43	6.90	3.97	7.90	5
2013/11/25	MF	US2	13:44:25	B	3.0	281.8	0.59	22.80	28.55	89.40	6.53	4.17	7.90	4
2013/11/25	MF	US2	13:45:30	T	1.1	336.8	0.11	22.67	27.33	91.74	6.76	4.27	7.90	3
2013/11/25	MF	MW1	11:41:30	B	18.0	130.8	0.83	22.88	31.68	85.27	6.11	7.22	7.92	11
2013/11/25	MF	MW1	11:42:19	M	10.3	40.6	0.46	22.86	31.44	85.48	6.13	4.83	7.94	8
2013/11/25	MF	MW1	11:43:04	T	1.3	235.6	0.54	22.83	30.83	86.54	6.23	3.45	7.95	5
2013/11/25	MF	MW1	11:44:14	B	17.9	2.4	0.46	22.88	31.70	85.21	6.10	7.29	7.96	12
2013/11/25	MF	MW1	11:44:59	M	10.2	40.6	0.46	22.85	31.35	85.44	6.13	3.96	7.95	9
2013/11/25	MF	MW1	11:45:59	T	1.1	149.6	0.64	22.83	30.85	86.56	6.23	3.42	7.94	5
2013/11/25	MF	MW1	11:47:04	B	18.0	305.5	0.09	22.88	31.66	85.31	6.11	6.83	7.96	10
2013/11/25	MF	MW1	11:47:59	M	10.0	12.1	0.18	22.85	31.27	86.01	6.18	4.31	7.95	8
2013/11/25	MF	MW1	11:48:59	T	1.0	175.1	0.67	22.81	30.47	87.93	6.35	2.87	7.94	5
2013/11/25	MF	THB1	12:46:19	B	2.8	73.3	0.40	22.60	27.02	97.97	7.24	6.96	7.93	9
2013/11/25	MF	THB1	12:47:09	T	1.2	294.4	0.62	22.72	26.94	95.24	7.03	5.42	7.92	7
2013/11/25	MF	THB1	12:47:59	B	3.0	232.0	1.16	22.63	27.02	94.08	6.95	6.30	7.90	8
2013/11/25	MF	THB1	12:48:59	T	1.0	221.4	1.05	22.72	26.94	94.21	6.95	5.33	7.90	7
2013/11/25	MF	THB1	12:49:59	B	2.9	321.4	0.71	22.62	27.02	93.45	6.91	6.76	7.90	8
2013/11/25	MF	THB1	12:50:59	T	1.0	209.9	0.27	22.74	26.94	93.87	6.93	5.15	7.90	7
2013/11/25	MF	THB2	12:51:55	M	1.3	40.0	0.03	22.86	28.07	97.95	7.16	7.45	7.79	6
2013/11/25	MF	THB2	12:52:54	M	1.3	40.0	0.03	22.88	28.07	97.73	7.15	8.05	7.80	8
2013/11/25	MF	THB2	12:53:51	M	1.3	40.0	0.03	22.91	28.16	97.70	7.14	7.65	7.81	8
2013/11/25	MF	WSR45C	12:19:14	B	12.1	203.3	0.53	22.95	31.12	87.32	6.27	11.52	7.94	11
2013/11/25	MF	WSR45C	12:20:04	M	7.1	311.1	0.54	22.94	30.93	86.45	6.21	6.54	7.94	10
2013/11/25	MF	WSR45C	12:20:59	T	0.9	309.8	0.57	22.56	27.99	92.89	6.83	3.68	7.92	8
2013/11/25	MF	WSR45C	12:21:59	B	11.8	151.7	0.23	22.96	31.11	85.43	6.13	8.98	7.93	11
2013/11/25	MF	WSR45C	12:22:59	M	6.9	32.1	0.20	22.95	30.90	85.83	6.17	6.25	7.93	10
2013/11/25	MF	WSR45C	12:23:59	T	1.0	247.2	0.29	22.57	28.08	92.62	6.81	3.70	7.92	8
2013/11/25	MF	WSR45C	12:24:59	B	11.9	151.7	0.23	22.96	31.16	84.89	6.09	9.89	7.93	12
2013/11/25	MF	WSR45C	12:25:59	M	7.2	296.7	0.55	22.95	30.83	85.78	6.17	4.96	7.93	9
2013/11/25	MF	WSR45C	12:26:59	T	1.1	252.9	0.23	22.59	28.18	91.93	6.75	3.60	7.92	6
2013/11/25	MF	WSR46	13:24:44	B	8.9	321.3	0.31	22.94	30.68	86.12	6.20	22.39	7.92	18
2013/11/25	MF	WSR46	13:25:39	M	5.6	219.0	0.43	22.93	30.62	85.82	6.18	14.14	7.92	9
2013/11/25	MF	WSR46	13:26:29	T	1.2	300.6	1.52	22.71	27.53	92.57	6.81	3.70	7.90	6
2013/11/25	MF	WSR46	13:29:59	B	9.1	284.7	0.51	22.95	30.73	85.32	6.14	18.33	7.91	17
2013/11/25	MF	WSR46	13:30:59	M	5.7	309.8	0.52	22.91	30.34	87.19	6.29	10.73	7.91	8
2013/11/25	MF	WSR46	13:31:59	T	1.0	230.0	0.95	22.72	27.55	92.93	6.83	3.59	7.90	6
2013/11/25	MF	WSR46	13:34:39	B	9.0	319.5	1.02	22.94	30.72	85.28	6.13	19.72	7.91	16
2013/11/25	MF	WSR46	13:35:24	M	5.5	345.6	0.47	22.94	30.68	85.19	6.13	11.26	7.91	8
2013/11/25	MF	WSR46	13:36:04	T	0.9	311.0	0.53	22.71	27.72	92.07	6.77	3.61	7.90	6

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)
2013/11/25	ME	DS1	16:50:47	B	3.0	213.2	0.06	22.65	28.06	89.83	6.60	25.28	7.83	39
2013/11/25	ME	DS1	16:51:30	T	1.1	337.6	0.54	22.69	27.12	94.22	6.95	11.98	7.85	16
2013/11/25	ME	DS1	16:52:21	B	2.9	95.0	1.07	22.65	28.06	89.17	6.55	25.18	7.84	37
2013/11/25	ME	DS1	16:53:13	T	0.9	324.2	0.11	22.69	27.11	94.08	6.94	11.78	7.85	18
2013/11/25	ME	DS1	16:54:12	B	3.0	327.2	0.46	22.66	28.06	88.52	6.50	27.38	7.84	38
2013/11/25	ME	DS1	16:55:11	T	1.0	324.2	0.11	22.66	27.11	93.74	6.92	13.28	7.86	18
2013/11/25	ME	DS2	17:03:35	B	2.9	328.0	0.13	22.69	27.53	92.48	6.81	13.08	7.88	12
2013/11/25	ME	DS2	17:04:25	T	1.0	137.5	0.28	22.69	27.28	93.53	6.89	13.28	7.89	18
2013/11/25	ME	DS2	17:05:12	B	2.9	296.6	0.17	22.69	27.67	92.44	6.80	14.08	7.89	11
2013/11/25	ME	DS2	17:06:10	T	0.9	125.3	0.40	22.68	27.31	94.10	6.93	13.18	7.89	17
2013/11/25	ME	DS2	17:07:10	B	3.0	353.4	0.40	22.67	27.83	90.46	6.65	10.08	7.88	11
2013/11/25	ME	DS2	17:08:16	T	0.9	349.4	0.40	22.65	27.40	92.64	6.83	14.98	7.89	18
2013/11/25	ME	DS3	17:14:38	B	3.9	2.5	0.48	22.68	29.47	85.48	6.20	6.38	7.88	10
2013/11/25	ME	DS3	17:15:29	M	3.0	279.9	0.02	22.76	27.75	91.85	6.74	5.98	7.89	7
2013/11/25	ME	DS3	17:16:13	T	1.0	7.9	0.45	22.76	27.14	95.87	7.06	7.98	7.88	7
2013/11/25	ME	DS3	17:17:13	B	3.8	76.3	0.38	22.84	29.50	86.17	6.25	5.28	7.87	9
2013/11/25	ME	DS3	17:18:12	M	2.9	330.3	0.53	22.76	27.75	92.15	6.76	6.28	7.88	6
2013/11/25	ME	DS3	17:19:12	T	1.0	44.4	0.27	22.70	27.14	95.77	7.06	8.78	7.88	8
2013/11/25	ME	DS3	17:20:25	B	4.0	11.3	0.55	22.93	30.41	83.91	6.05	7.98	7.87	9
2013/11/25	ME	DS3	17:21:16	M	3.1	31.3	0.59	22.82	29.18	84.96	6.18	6.08	7.87	8
2013/11/25	ME	DS3	17:22:09	T	0.9	39.2	0.95	22.67	27.12	95.05	7.01	7.68	7.89	8
2013/11/25	ME	DS4	17:28:46	B	5.8	200.8	0.18	22.94	30.73	86.01	6.19	4.98	7.88	8
2013/11/25	ME	DS4	17:29:34	M	4.0	11.9	0.52	22.92	30.16	85.21	6.15	4.18	7.88	5
2013/11/25	ME	DS4	17:30:24	T	1.1	71.8	0.86	22.73	27.13	98.05	7.08	7.08	7.89	7
2013/11/25	ME	DS4	17:31:18	B	5.9	251.0	0.43	22.95	30.71	86.19	6.20	5.08	7.88	9
2013/11/25	ME	DS4	17:32:11	M	4.0	233.1	0.22	22.93	30.49	84.37	6.08	4.38	7.87	6
2013/11/25	ME	DS4	17:33:13	T	1.0	71.8	0.86	22.74	27.10	96.45	7.11	7.68	7.88	7
2013/11/25	ME	DS4	17:34:25	B	6.1	328.1	0.13	22.95	30.73	86.23	6.06	4.98	7.88	8
2013/11/25	ME	DS4	17:35:24	M	4.0	39.7	0.68	22.92	30.18	84.46	6.10	4.38	7.87	7
2013/11/25	ME	DS4	17:36:20	T	1.3	30.4	0.86	22.75	27.17	95.74	7.05	6.28	7.89	7
2013/11/25	ME	DS5	17:42:13	B	6.9	176.3	0.63	22.90	29.52	90.87	6.59	3.18	7.88	5
2013/11/25	ME	DS5	17:43:12	M	4.4	155.8	0.11	22.86	28.91	92.04	6.70	2.98	7.88	5
2013/11/25	ME	DS5	17:44:11	T	1.0	66.9	1.03	22.65	27.13	97.87	7.22	3.98	7.88	6
2013/11/25	ME	DS5	17:45:11	B	6.8	86.7	0.44	22.91	29.63	89.62	6.49	3.38	7.87	6
2013/11/25	ME	DS5	17:46:12	M	4.3	34.7	0.26	22.87	28.84	91.31	6.65	3.38	7.86	6
2013/11/25	ME	DS5	17:47:10	T	1.0	66.9	1.03	22.64	27.10	97.87	7.23	4.38	7.87	5
2013/11/25	ME	DS5	17:48:15	B	7.0	236.7	0.41	22.91	29.70	88.79	6.43	3.78	7.85	4
2013/11/25	ME	DS5	17:49:15	M	4.5	264.2	0.36	22.90	29.53	88.93	6.44	3.28	7.86	6
2013/11/25	ME	DS5	17:50:14	T	0.9	66.9	1.03	22.65	27.11	97.36	7.19	4.78	7.87	4
2013/11/25	ME	US1	18:33:20	B	2.9	290.4	0.08	22.64	27.40	97.52	7.19	19.78	7.82	55
2013/11/25	ME	US1	18:34:11	T	1.0	223.6	0.36	22.69	27.00	93.13	7.33	8.58	7.83	11
2013/11/25	ME	US1	18:35:13	B	2.8	52.5	0.45	22.63	27.43	96.64	7.12	22.38	7.82	53
2013/11/25	ME	US1	18:36:11	T	1.1	223.6	0.63	22.63	27.01	99.20	7.33	7.98	7.83	12
2013/11/25	ME	US1	18:37:16	B	2.9	60.3	0.24	22.62	27.53	95.55	7.04	29.68	7.81	55
2013/11/25	ME	US1	18:38:27	T	1.0	223.6	0.36	22.62	27.01	98.86	7.31	7.68	7.82	11
2013/11/25	ME	US2	18:44:11	B	3.0	340.0	0.14	22.60	27.63	97.80	7.20	14.28	7.83	19
2013/11/25	ME	US2	18:45:14	T	1.0	93.6	0.39	22.65	27.37	99.43	7.33	7.68	7.83	6
2013/11/25	ME	US2	18:46:21	B	2.8	13.9	0.37	22.61	27.64	96.19	7.08	15.68	7.80	18
2013/11/25	ME	US2	18:47:11	T	1.1	105.5	0.99	22.62	27.01	100.45	7.42	6.08	7.81	6
2013/11/25	ME	US2	18:48:17	B	2.9	192.7	0.55	22.60	27.68	96.15	7.08	17.18	7.80	19
2013/11/25	ME	US2	18:49:19	T	1.2	136.4	0.35	22.61	27.03	100.74	7.45	5.98	7.82	6
2013/11/25	ME	MW1	18:17:49	B	18.2	308.5	0.77	22.86	31.69	89.83	6.43	4.28	7.89	5
2013/11/25	ME	MW1	18:18:39	M	9.9	220.5	0.41	22.86	31.63	88.89	6.37	3.71	7.89	6
2013/11/25	ME	MW1	18:19:24	T	1.0	257.9	0.36	22.83	31.56	88.67	6.36	3.34	7.89	5
2013/11/25	ME	MW1	18:20:29	B	17.9	16.9	0.58	22.86	31.67	88.20	6.32	3.42	7.89	6
2013/11/25	ME	MW1	18:21:14	M	9.9	275.1	0.63	22.85	31.58	88.37	6.34	3.42	7.89	5
2013/11/25	ME	MW1	18:22:09	T	1.1	145.6	0.26	22.81	31.55	88.52	6.35	3.17	7.89	6
2013/11/25	ME	MW1	18:23:19	B	18.1	191.0	0.21	22.86	31.67	87.67	6.29	3.48	7.89	6
2013/11/25	ME	MW1	18:24:09	M	10.2	8.7	0.55	22.84	31.59	88.13	6.32	3.36	7.89	6
2013/11/25	ME	MW1	18:24:59	T	0.9	169.4	0.88	22.83	31.59	88.07	6.32	3.25	7.89	4
2013/11/25	ME	THB1	16:55:45	B	2.8	250.3	0.20	22.79	27.02	98.81	7.28	4.85	7.88	7
2013/11/25	ME	THB1	16:56:29	T	1.0	84.1	0.75	22.87	26.95	99.18	7.30	4.19	7.89	6
2013/11/25	ME	THB1	16:57:19	B	3.1	154.1	1.70	22.84	26.99	97.78	7.20	4.69	7.88	6
2013/11/25	ME	THB1	16:58:04	T	1.1	35.6	0.19	22.87	26.96	98.66	7.26	4.47	7.88	5
2013/11/25	ME	THB1	16:58:59	B	3.0	249.3	0.45	22.78	27.00	96.58	7.12	4.72	7.87	6
2013/11/25	ME	THB1	16:59:59	T	1.0	157.3	0.34	22.87	26.95	98.30	7.23	4.14	7.88	6
2013/11/25	ME	THB2	17:03:08	M	1.4	40.0	0.03	23.06	26.86	101.33	7.44	7.89	7.45	11
2013/11/25	ME	THB2	17:04:14	M	1.4	40.0	0.03	23.06	26.87	101.13	7.42	7.99	7.51	13
2013/11/25	ME	THB2	17:05:14	M	1.4	40.0	0.03	23.05	26.88	101.03	7.41	7.99	7.54	12
2013/11/25	ME	WSR45C	17:31:39	B	11.8	339.7	0.29	22.90	31.48	87.84	6.30	4.50	7.89	6
2013/11/25	ME	WSR45C	17:32:30	M	7.0	137.1	0.40	22.93	31.26	86.58	6.21	4.22	7.88	6
2013/11/25	ME	WSR45C	17:33:19	T	1.1	9.4	1.06	22.74	27.64	98.68	7.25	3.28	7.89	6
2013/11/25	ME	WSR45C	17:34:14	B	11.9	151.5	0.50	22.90	31.48	86.60	6.21	4.27	7.89	6
2013/11/25	ME	WSR45C	17:34:59	M	7.1	290.1	0.43	22.93	31.29	88.08	6.17	4.27	7.88	6
2013/11/25	ME	WSR45C	17:35:59	T	1.0	82.8	1.04	22.74	27.58	98.75	7.26	3.20	7.89	4
2013/11/25	ME	WSR45C	17:36:59	B	12.0	238.1	0.59	22.89	31.55	86.45	6.19	4.61	7.88	6
2013/11/25	ME	WSR45C	17:37:59	M	7.0	137.1	0.40	22.93	31.27	85.59	6.14	4.12	7.88	6
2013/11/25	ME	WSR45C	17:38:59	T	1.1	357.6	0.47	22.71	27.53	98.43	7.24	3.10	7.89	6
2013/11/25	ME	WSR46	16:27:09	B	9.0	328.9	0.58	22.93	30.53	87.56	6.31	6.82	7.77	8
2013/11/25	ME	WSR46	16:28:00	M	5.4	14.9	1.01	22.82	28.80	89.38	6.51	9.41	7.80	10
2013/11/25	ME	WSR46	16:28:59	T	1.0	23.5	0.46	22.81	27.59	92.09	6.76	7.51	7.81	9
2013/11/25	ME	WSR46	16:30:09	B	9.1	228.5	0.26	22.92	30.30	87.95	6.34	6.88	7.83	8
2013/11/25	ME	WSR46	16:30:59	M	5.6	20.2	0.53	22.82	28.96	89.00	6.48	8.86	7.82	10
2013/11/25	ME	WSR46	16:31:59	T	1.0	346.4	0.11	22.81	27.65	92.16	6.76	7.96	7.82	7
2013/11/25	ME	WSR46	16:32:59	B	9.0	237.7	1.41	22.95	30.74	86.15	6.19	7.79	7.85	9
2013/11/25	ME	WSR46	16:33:59	M	5.5	10.7	0.43	22.83	29.11	8				