

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)
2013/12/16	MF	DS1	16:30:39	B	3.5	11.1	0.19	19.38	31.97	92.18	7.02	15.71	8.04	41
2013/12/16	MF	DS1	16:31:33	T	1.0	69.6	0.66	19.35	31.95	92.23	7.03	11.04	8.05	13
2013/12/16	MF	DS1	16:33:01	B	2.9	14.0	0.96	19.37	31.96	92.13	7.02	11.89	8.05	21
2013/12/16	MF	DS1	16:34:07	T	1.0	224.0	0.04	19.36	31.95	92.11	7.02	11.94	8.05	13
2013/12/16	MF	DS1	16:35:09	B	3.1	64.2	0.35	19.36	31.95	92.09	7.02	11.61	8.05	43
2013/12/16	MF	DS1	16:36:09	T	1.0	295.5	0.32	19.34	31.94	92.13	7.02	10.71	8.05	14
2013/12/16	MF	DS2	16:45:18	B	3.1	268.2	0.54	19.45	31.96	91.91	6.99	14.02	8.05	32
2013/12/16	MF	DS2	16:46:17	T	1.0	324.7	1.16	19.39	31.92	92.17	7.02	13.97	8.05	15
2013/12/16	MF	DS2	16:47:14	B	3.0	271.2	0.09	19.45	31.96	91.84	6.99	17.51	8.05	15
2013/12/16	MF	DS2	16:48:33	T	1.2	255.4	1.05	19.43	31.95	91.87	6.99	16.91	8.04	15
2013/12/16	MF	DS2	16:49:24	B	3.0	17.2	0.21	19.46	31.97	91.73	6.98	17.38	8.04	18
2013/12/16	MF	DS2	16:50:11	T	1.1	287.0	0.62	19.36	31.91	92.02	7.01	14.43	8.04	15
2013/12/16	MF	DS3	16:57:00	B	2.3	248.7	0.45	19.14	31.71	93.27	7.15	12.00	8.04	14
2013/12/16	MF	DS3	16:57:55	T	1.0	354.7	0.47	19.12	31.70	93.24	7.15	11.42	8.04	10
2013/12/16	MF	DS3	16:58:52	B	1.9	6.2	0.49	19.13	31.70	93.24	7.15	12.27	8.04	15
2013/12/16	MF	DS3	16:59:24	T	1.0	196.3	0.48	19.11	31.69	93.29	7.15	11.84	8.04	15
2013/12/16	MF	DS3	17:00:11	B	2.0	274.7	0.45	19.12	31.70	93.29	7.15	11.83	8.04	12
2013/12/16	MF	DS3	17:01:08	T	1.0	196.3	0.48	19.10	31.69	93.27	7.15	11.13	8.04	13
2013/12/16	MF	DS4	17:06:39	B	4.0	221.9	0.16	19.05	31.58	93.97	7.22	10.50	8.06	13
2013/12/16	MF	DS4	17:07:25	M	3.1	295.1	0.50	19.04	31.58	93.63	7.19	10.05	8.06	13
2013/12/16	MF	DS4	17:08:12	T	1.0	169.1	0.37	19.01	31.57	93.50	7.19	9.58	8.06	12
2013/12/16	MF	DS4	17:09:08	B	4.1	318.9	0.45	19.07	31.59	93.40	7.17	11.02	8.06	13
2013/12/16	MF	DS4	17:10:08	M	3.0	207.8	0.67	19.03	31.58	93.26	7.17	10.30	8.06	15
2013/12/16	MF	DS4	17:11:10	T	1.0	259.1	1.09	19.01	31.57	93.37	7.18	10.34	8.06	12
2013/12/16	MF	DS4	17:12:22	B	4.0	1.0	0.41	19.05	31.58	93.24	7.16	10.80	8.06	12
2013/12/16	MF	DS4	17:13:10	M	3.0	350.3	0.39	19.04	31.57	93.32	7.17	10.53	8.06	17
2013/12/16	MF	DS4	17:14:09	T	1.0	259.1	1.09	19.02	31.57	93.30	7.17	9.76	8.06	13
2013/12/16	MF	DS5	17:19:45	B	6.0	258.1	0.36	19.08	31.64	94.46	7.25	7.80	8.07	9
2013/12/16	MF	DS5	17:20:31	M	4.2	291.1	1.88	19.06	31.59	93.92	7.21	7.53	8.06	12
2013/12/16	MF	DS5	17:21:15	T	0.9	126.4	0.77	19.00	31.50	93.55	7.20	6.24	8.05	8
2013/12/16	MF	DS5	17:22:09	B	6.0	142.4	0.55	19.09	31.64	93.77	7.19	7.69	8.06	8
2013/12/16	MF	DS5	17:23:08	M	3.9	181.2	0.75	19.08	31.63	93.67	7.19	7.70	8.06	9
2013/12/16	MF	DS5	17:24:08	T	1.0	270.4	0.93	19.06	31.60	93.64	7.19	7.29	8.06	6
2013/12/16	MF	DS5	17:25:11	B	5.9	301.0	0.30	19.09	31.65	93.74	7.19	7.79	8.07	9
2013/12/16	MF	DS5	17:26:11	M	4.0	217.4	0.30	19.07	31.63	93.83	7.20	7.48	8.07	10
2013/12/16	MF	DS5	17:27:10	T	1.1	119.7	1.14	19.04	31.59	93.89	7.21	7.31	8.07	8
2013/12/16	MF	US1	17:53:03	B	3.5	222.8	0.22	19.77	32.38	91.11	6.87	12.12	8.03	18
2013/12/16	MF	US1	17:54:10	T	1.4	198.4	1.01	19.72	32.33	91.16	6.88	9.56	8.03	14
2013/12/16	MF	US1	17:55:13	B	3.6	316.1	0.30	19.77	32.38	90.76	6.85	12.27	8.03	15
2013/12/16	MF	US1	17:56:10	T	1.2	295.7	1.02	19.75	32.36	90.77	6.85	10.70	8.02	13
2013/12/16	MF	US1	17:57:12	B	3.5	315.1	0.30	19.77	32.38	90.63	6.84	12.49	8.02	16
2013/12/16	MF	US1	17:58:10	T	1.0	168.5	0.59	19.71	32.32	91.03	6.88	9.60	8.02	11
2013/12/16	MF	US2	18:04:16	B	4.9	330.0	0.68	19.90	32.48	90.34	6.79	12.78	8.01	11
2013/12/16	MF	US2	18:05:10	M	3.5	136.0	0.08	19.89	32.47	90.13	6.78	11.48	8.02	15
2013/12/16	MF	US2	18:06:10	T	1.1	262.7	0.28	19.86	32.46	90.07	6.78	9.64	8.02	11
2013/12/16	MF	US2	18:07:12	B	5.0	259.5	0.60	19.90	32.48	90.00	6.77	12.66	8.02	13
2013/12/16	MF	US2	18:08:09	M	3.4	253.3	0.45	19.89	32.48	90.00	6.77	10.70	8.02	14
2013/12/16	MF	US2	18:09:08	T	1.0	54.3	0.91	19.83	32.44	90.18	6.79	7.89	8.02	13
2013/12/16	MF	US2	18:11:56	B	5.0	309.0	0.58	19.82	32.51	89.92	6.76	11.26	8.02	15
2013/12/16	MF	US2	18:12:26	M	3.5	243.6	0.15	19.91	32.50	89.78	6.75	10.95	8.02	14
2013/12/16	MF	US2	18:13:12	T	1.2	155.6	1.55	19.83	32.44	90.04	6.78	7.52	8.02	13
2013/12/16	MF	MW1	19:09:29	B	18.9	55.7	0.56	20.26	32.88	89.43	6.67	6.59	8.00	11
2013/12/16	MF	MW1	19:10:22	M	10.3	342.5	0.14	20.28	32.88	89.32	6.65	8.14	8.01	10
2013/12/16	MF	MW1	19:11:33	T	1.1	277.6	0.70	20.23	32.83	88.89	6.63	4.82	8.00	7
2013/12/16	MF	MW1	19:12:53	B	18.9	329.3	0.37	20.28	32.89	89.24	6.65	7.60	8.01	7
2013/12/16	MF	MW1	19:13:40	M	10.5	79.2	0.76	20.28	32.89	89.24	6.65	7.09	8.01	9
2013/12/16	MF	MW1	19:14:39	T	1.1	82.0	0.36	20.23	32.84	88.78	6.62	4.91	8.00	10
2013/12/16	MF	MW1	19:15:59	B	18.4	41.6	0.64	20.27	32.89	89.11	6.64	7.22	8.01	7
2013/12/16	MF	MW1	19:16:48	M	10.5	211.5	0.13	20.28	32.88	89.07	6.64	6.90	8.01	10
2013/12/16	MF	MW1	19:17:44	T	0.8	239.4	0.52	20.21	32.84	88.84	6.63	4.40	8.01	7
2013/12/16	MF	THB1	17:39:51	B	3.0	80.2	0.39	19.20	31.77	92.88	7.11	11.49	8.02	16
2013/12/16	MF	THB1	17:40:45	T	1.0	352.6	1.57	19.40	31.75	92.47	7.08	12.04	8.02	14
2013/12/16	MF	THB1	17:41:43	B	3.1	80.2	0.39	19.21	31.74	92.26	7.06	13.42	8.02	16
2013/12/16	MF	THB1	17:42:32	T	1.1	282.9	0.49	19.17	31.70	92.29	7.07	12.05	8.02	13
2013/12/16	MF	THB1	17:43:26	B	3.0	291.8	0.50	19.21	31.75	92.27	7.06	13.36	8.02	16
2013/12/16	MF	THB1	17:44:11	T	1.0	253.3	0.45	19.17	31.72	92.44	7.08	10.76	8.03	13
2013/12/16	MF	WSR45C	18:25:18	B	12.8	279.8	0.18	20.18	32.77	88.85	6.64	11.80	8.01	10
2013/12/16	MF	WSR45C	18:26:11	M	7.3	224.2	0.93	20.18	32.77	88.65	6.62	10.99	8.01	12
2013/12/16	MF	WSR45C	18:27:10	T	1.2	243.5	0.36	20.17	32.78	88.94	6.64	8.59	8.02	11
2013/12/16	MF	WSR45C	18:28:12	B	13.0	242.0	0.34	20.19	32.78	88.58	6.61	11.12	8.02	11
2013/12/16	MF	WSR45C	18:29:09	M	7.4	338.7	0.34	20.19	32.78	88.75	6.63	9.80	8.02	12
2013/12/16	MF	WSR45C	18:30:09	T	1.0	152.8	0.04	20.19	32.78	88.80	6.63	9.03	8.01	11
2013/12/16	MF	WSR45C	18:31:12	B	12.5	300.0	0.31	20.19	32.78	88.58	6.61	11.68	8.01	11
2013/12/16	MF	WSR45C	18:32:09	M	7.3	303.8	0.65	20.20	32.80	88.71	6.62	8.95	8.01	12
2013/12/16	MF	WSR45C	18:33:08	T	1.0	258.7	0.55	20.20	32.79	88.75	6.63	8.94	8.01	16
2013/12/16	MF	WSR46	16:01:39	B	9.1	312.2	0.51	19.81	32.33	92.45	6.97	12.22	8.00	15
2013/12/16	MF	WSR46	16:02:13	M	5.5	297.0	0.95	19.81	32.34	92.20	6.95	9.40	8.03	14
2013/12/16	MF	WSR46	16:03:09	T	1.1	260.9	0.80	19.80	32.35	92.21	6.95	9.70	8.05	13
2013/12/16	MF	WSR46	16:04:09	B	8.7	264.1	0.81	19.82	32.36	92.03	6.94	12.31	8.06	16
2013/12/16	MF	WSR46	16:05:09	M	5.6	319.3	0.64	19.80	32.36	92.02	6.94	9.66	8.06	13
2013/12/16	MF	WSR46	16:06:09	T	0.9	277.4	1.05	19.80	32.37	92.05	6.94	9.23	8.06	12
2013/12/16	MF	WSR46	16:07:12	B	9.1	292.2	0.77	19.82	32.37	91.92	6.93	13.06	8.06	16
2013/12/16	MF	WSR46	16:08:10	M	5.6	229.3	0.72	19.83	32.39	91.79	6.92	11.30	8.06	14
2013/12/16	MF	WSR46	16:09:10	T	1.1	151.4	1.30	19.81	32.38	91.95	6.93	11.43	8.07	9

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)
2013/12/16	ME	DS1	12:20:05	B	3.1	127.2	0.17	19.82	32.33	92.73	6.99	14.23	8.07	16
2013/12/16	ME	DS1	12:21:10	T	0.9	58.1	0.53	19.79	32.32	92.44	6.97	14.46	8.08	17
2013/12/16	ME	DS1	12:23:43	B	2.9	190.5	0.47	19.76	32.31	93.48	7.06	14.80	8.07	15
2013/12/16	ME	DS1	12:24:34	T	1.1	201.1	1.63	19.78	32.31	92.49	6.98	14.85	8.09	17
2013/12/16	ME	DS1	12:25:25	B	3.1	143.2	0.48	19.78	32.31	92.33	6.97	15.07	8.09	16
2013/12/16	ME	DS1	12:26:08	T	1.1	51.2	0.69	19.76	32.30	92.34	6.97	15.43	8.09	18
2013/12/16	ME	DS2	12:38:19	B	4.0	95.0	0.45	19.84	32.35	91.84	6.93	14.06	8.08	15
2013/12/16	ME	DS2	12:39:09	M	3.1	10.7	0.44	19.83	32.34	91.92	6.93	12.21	8.08	9
2013/12/16	ME	DS2	12:40:10	T	1.1	334.3	0.71	19.84	32.35	91.78	6.92	13.05	8.09	13
2013/12/16	ME	DS2	12:41:13	B	4.0	165.8	0.25	19.82	32.34	91.83	6.92	11.61	8.09	19
2013/12/16	ME	DS2	12:42:06	M	3.0	302.0	0.44	19.82	32.33	91.92	6.93	11.28	8.09	14
2013/12/16	ME	DS2	12:43:09	T	1.1	24.3	0.54	19.83	32.34	91.80	6.92	11.70	8.09	15
2013/12/16	ME	DS2	12:44:12	B	3.9	116.9	0.30	19.83	32.34	91.78	6.92	11.98	8.09	14
2013/12/16	ME	DS2	12:45:13	M	3.1	58.0	0.31	19.83	32.33	91.83	6.92	11.19	8.09	13
2013/12/16	ME	DS2	12:46:10	T	1.1	315.5	0.25	19.83	32.34	91.78	6.92	11.40	8.09	13
2013/12/16	ME	DS3	12:51:36	B	5.0	90.9	1.01	19.89	32.40	91.93	6.92	9.29	8.08	16
2013/12/16	ME	DS3	12:52:30	M	3.6	135.1	0.31	19.87	32.39	91.68	6.90	8.71	8.08	14
2013/12/16	ME	DS3	12:53:24	T	1.1	141.7	0.37	19.84	32.37	91.66	6.91	7.96	8.09	13
2013/12/16	ME	DS3	12:54:29	B	5.0	216.2	0.13	19.88	32.39	91.34	6.88	11.09	8.08	15
2013/12/16	ME	DS3	12:55:15	M	3.5	354.7	0.29	19.85	32.38	91.67	6.90	10.86	8.08	15
2013/12/16	ME	DS3	12:56:25	T	1.3	332.6	0.28	19.79	32.34	91.99	6.94	9.43	8.08	12
2013/12/16	ME	DS3	12:57:51	B	4.9	12.6	0.64	19.85	32.37	91.67	6.90	11.91	8.08	15
2013/12/16	ME	DS3	12:58:51	M	3.5	36.9	0.57	19.84	32.36	91.64	6.90	12.41	8.08	16
2013/12/16	ME	DS3	12:59:41	T	1.1	117.5	0.37	19.76	32.32	92.10	6.95	9.93	8.08	14
2013/12/16	ME	DS4	13:06:01	B	6.1	237.2	0.30	19.92	32.42	91.06	6.85	8.95	8.06	11
2013/12/16	ME	DS4	13:07:01	M	4.1	76.5	0.59	19.90	32.42	90.84	6.83	7.17	8.07	10
2013/12/16	ME	DS4	13:08:08	T	1.1	115.1	0.36	19.88	32.42	90.89	6.84	6.94	8.07	9
2013/12/16	ME	DS4	13:09:12	B	5.9	90.4	0.43	19.91	32.43	90.68	6.82	8.21	8.07	12
2013/12/16	ME	DS4	13:10:12	M	4.1	16.3	0.44	19.89	32.42	90.83	6.83	7.34	8.07	10
2013/12/16	ME	DS4	13:11:09	T	1.2	157.8	0.45	19.89	32.42	90.84	6.84	7.42	8.07	10
2013/12/16	ME	DS4	13:12:05	B	5.9	73.2	0.33	19.91	32.42	90.61	6.82	8.88	8.07	13
2013/12/16	ME	DS4	13:13:12	M	4.0	62.5	0.76	19.90	32.42	90.71	6.82	7.62	8.07	11
2013/12/16	ME	DS4	13:14:17	T	1.0	84.2	0.85	19.89	32.42	90.85	6.84	7.51	8.07	11
2013/12/16	ME	DS5	13:19:14	B	6.9	23.2	0.26	19.97	32.46	90.89	6.83	7.93	8.06	10
2013/12/16	ME	DS5	13:20:09	M	4.5	77.7	1.04	19.94	32.44	90.68	6.82	7.22	8.07	8
2013/12/16	ME	DS5	13:21:09	T	1.1	104.0	0.24	19.91	32.43	90.78	6.83	6.61	8.07	8
2013/12/16	ME	DS5	13:22:10	B	7.0	65.8	0.27	19.98	32.47	90.30	6.78	8.55	8.07	11
2013/12/16	ME	DS5	13:23:10	M	4.4	46.3	0.22	19.93	32.44	90.75	6.82	7.36	8.07	9
2013/12/16	ME	DS5	13:24:11	T	1.1	65.2	0.47	19.91	32.43	90.79	6.83	6.57	8.07	8
2013/12/16	ME	DS5	13:25:10	B	7.3	139.8	0.21	19.96	32.45	90.32	6.79	8.88	8.07	9
2013/12/16	ME	DS5	13:26:09	M	4.5	169.5	0.03	19.92	32.43	90.52	6.82	7.31	8.07	8
2013/12/16	ME	DS5	13:27:07	T	1.1	120.9	2.90	19.91	32.42	91.06	6.83	7.05	8.07	9
2013/12/16	ME	US1	13:41:45	B	2.5	207.2	0.99	19.33	31.76	93.70	7.15	8.60	8.05	10
2013/12/16	ME	US1	13:42:18	T	1.1	322.7	2.66	19.33	31.76	93.27	7.12	7.86	8.06	8
2013/12/16	ME	US1	13:43:12	B	2.4	133.1	0.43	19.33	31.77	92.95	7.09	7.94	8.06	9
2013/12/16	ME	US1	13:44:14	T	1.2	354.9	0.35	19.31	31.74	92.90	7.09	7.76	8.06	7
2013/12/16	ME	US1	13:45:09	B	2.5	88.2	0.29	19.32	31.74	92.70	7.08	8.41	8.07	10
2013/12/16	ME	US1	13:46:08	T	1.0	212.9	0.23	19.29	31.72	92.79	7.09	8.24	8.07	9
2013/12/16	ME	US2	13:52:43	B	1.9	5.6	0.64	19.20	31.67	94.55	7.24	8.95	8.07	9
2013/12/16	ME	US2	13:53:14	T	1.0	325.7	0.45	19.22	31.68	94.04	7.20	8.55	8.08	7
2013/12/16	ME	US2	13:54:11	B	2.0	331.2	0.55	19.21	31.68	93.88	7.19	7.37	8.08	9
2013/12/16	ME	US2	13:55:20	T	1.0	317.4	0.91	19.21	31.68	93.80	7.18	7.25	8.08	9
2013/12/16	ME	US2	13:56:17	B	1.9	150.0	0.63	19.22	31.68	93.66	7.17	7.41	8.08	9
2013/12/16	ME	US2	13:57:11	T	1.1	357.2	0.54	19.20	31.67	93.74	7.18	7.69	8.08	9
2013/12/16	ME	MW1	10:44:03	B	18.3	245.1	0.25	20.38	32.78	88.85	6.61	8.01	8.00	10
2013/12/16	ME	MW1	10:45:09	M	10.1	64.5	0.72	20.36	32.77	88.75	6.61	6.99	8.06	9
2013/12/16	ME	MW1	10:46:10	T	1.0	94.9	0.71	20.34	32.75	88.65	6.62	6.01	8.07	9
2013/12/16	ME	MW1	10:47:50	B	17.9	326.5	1.04	20.38	32.79	88.59	6.59	7.40	8.07	9
2013/12/16	ME	MW1	10:48:46	M	10.1	297.3	0.42	20.36	32.78	88.70	6.60	6.98	8.08	9
2013/12/16	ME	MW1	10:49:37	T	1.1	73.0	0.10	20.35	32.77	88.73	6.61	6.74	8.08	8
2013/12/16	ME	MW1	10:52:31	B	18.1	33.3	0.58	20.37	32.81	88.93	6.62	8.28	8.08	9
2013/12/16	ME	MW1	10:53:30	M	10.4	314.6	0.30	20.36	32.79	88.79	6.61	7.42	8.08	10
2013/12/16	ME	MW1	10:54:15	T	1.0	252.2	0.77	20.33	32.77	88.87	6.62	5.87	8.08	10
2013/12/16	ME	THB1	12:01:13	B	2.9	216.9	0.26	19.35	31.66	92.60	7.07	7.64	8.06	8
2013/12/16	ME	THB1	12:02:07	T	1.0	194.4	0.22	19.34	31.63	92.49	7.06	12.04	8.06	8
2013/12/16	ME	THB1	12:03:09	B	3.0	274.0	0.44	19.33	31.63	92.47	7.06	11.67	8.06	12
2013/12/16	ME	THB1	12:04:07	T	1.0	305.6	1.33	19.28	31.56	92.61	7.08	7.41	8.06	7
2013/12/16	ME	THB1	12:05:08	B	3.0	75.4	0.54	19.31	31.56	92.19	7.05	9.51	8.06	12
2013/12/16	ME	THB1	12:06:08	T	1.0	112.4	5.47	19.19	31.44	92.67	7.11	6.05	8.07	8
2013/12/16	ME	WSR45C	11:31:37	B	13.1	340.3	0.37	20.18	32.65	90.00	6.73	6.45	8.05	8
2013/12/16	ME	WSR45C	11:32:19	M	7.8	75.1	0.37	20.10	32.56	90.13	6.75	7.24	8.05	7
2013/12/16	ME	WSR45C	11:33:10	T	1.0	104.0	0.39	19.87	32.39	91.21	6.87	6.36	8.07	7
2013/12/16	ME	WSR45C	11:35:44	B	13.1	225.2	0.40	20.26	32.72	89.95	6.71	6.23	8.07	9
2013/12/16	ME	WSR45C	11:36:30	M	7.6	66.9	0.17	20.10	32.57	90.02	6.74	6.77	8.07	9
2013/12/16	ME	WSR45C	11:37:16	T	1.2	17.4	0.20	19.88	32.40	91.11	6.86	6.08	8.08	7
2013/12/16	ME	WSR45C	11:38:16	B	12.9	218.4	0.24	20.27	32.74	89.54	6.68	6.42	8.07	9
2013/12/16	ME	WSR45C	11:39:08	M	7.7	21.5	0.49	20.09	32.55	89.99	6.74	6.02	8.08	8
2013/12/16	ME	WSR45C	11:40:07	T	1.1	62.4	0.25	19.87	32.39	91.17	6.86	5.92	8.08	8
2013/12/16	ME	WSR46	14:14:30	B	9.0	69.3	0.53	19.75	32.37	93.81	7.08	7.76	8.09	9
2013/12/16	ME	WSR46	14:15:16	M	5.5	336.9	0.80	19.73	32.36	93.57	7.06	7.21	8.09	9
2013/12/16	ME	WSR46	14:16:07	T	1.1	219.4	1.29	19.71	32.34	93.53	7.06	7.10	8.09	9
2013/12/16	ME	WSR46	14:17:19	B	9.0	48.4	0.34	19.74	32.37	93.21	7.04	7.48	8.10	8
2013/12/16	ME	WSR46	14:18:10	M	5.5	199.3	0.33	19.72	32.35	93.22	7.04	7.40	8.10	9
2013/12/16	ME	WSR46	14:19:08	T	1.0	171.5	1.24	19.70	32.33	93.39	7.06	7.13	8.09	8
2013/12/16	ME	WSR46	14:20:07	B	9.0	340.9	0.26	19.74	32.36	93.21	7.04	7.78	8.10	8
2013/12/16	ME	WSR46	14:21:08	M	5.6	8.9	0.28	19						