

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)
2014/11/12	MF	DS1	10:40:23	B	3.0	181.0	0.65	24.75	30.47	102.97	7.19	5.47	7.97	7
2014/11/12	MF	DS1	10:40:57	T	0.9	160.6	0.25	24.73	30.38	104.19	7.28	7.07	7.99	8
2014/11/12	MF	DS1	10:41:30	B	2.9	319.9	0.28	24.75	30.48	103.08	7.19	4.17	7.98	7
2014/11/12	MF	DS1	10:41:59	T	1.0	298.4	0.58	24.75	30.47	103.39	7.22	4.27	7.98	8
2014/11/12	MF	DS1	10:42:31	B	2.9	163.8	0.54	24.75	30.53	101.99	7.11	5.87	7.98	7
2014/11/12	MF	DS1	10:43:02	T	0.9	56.8	0.13	24.75	30.47	102.80	7.17	5.27	7.98	8
2014/11/12	MF	DS2	10:48:25	B	2.0	97.7	0.29	24.80	30.65	101.75	7.09	18.14	7.98	15
2014/11/12	MF	DS2	10:48:55	T	0.9	236.4	0.41	24.77	30.47	105.09	7.33	15.15	8.00	12
2014/11/12	MF	DS2	10:49:35	B	2.0	218.0	0.48	24.79	30.62	102.27	7.13	18.74	7.98	14
2014/11/12	MF	DS2	10:50:15	T	1.0	282.6	0.55	24.78	30.51	103.89	7.24	18.84	7.99	12
2014/11/12	MF	DS2	10:50:51	B	2.1	183.5	0.81	24.78	30.56	102.78	7.17	20.74	7.98	15
2014/11/12	MF	DS2	10:52:25	T	1.0	268.9	0.36	24.79	30.57	103.41	7.21	20.64	7.98	12
2014/11/12	MF	DS3	10:58:29	B	1.8	13.0	0.20	24.75	31.00	101.25	7.04	10.26	7.99	11
2014/11/12	MF	DS3	10:59:02	T	1.0	228.0	0.33	24.82	30.95	103.69	7.21	9.66	8.00	11
2014/11/12	MF	DS3	10:59:31	B	2.0	319.9	0.75	24.74	31.01	101.77	7.08	9.56	7.99	10
2014/11/12	MF	DS3	11:00:03	T	1.1	244.1	0.94	24.82	30.96	103.39	7.19	9.56	7.99	12
2014/11/12	MF	DS3	11:00:32	B	2.1	133.2	0.25	24.74	31.01	101.98	7.10	10.06	7.99	11
2014/11/12	MF	DS3	11:01:04	T	1.0	280.2	0.13	24.82	30.96	103.51	7.19	9.16	7.99	11
2014/11/12	MF	DS4	11:10:35	B	3.1	291.4	0.90	24.63	31.12	84.39	5.88	6.47	8.00	6
2014/11/12	MF	DS4	11:11:05	T	1.1	250.7	0.64	24.64	31.09	84.90	5.92	5.77	8.00	7
2014/11/12	MF	DS4	11:11:46	B	2.9	300.7	0.88	24.64	31.10	85.71	5.97	5.47	8.00	6
2014/11/12	MF	DS4	11:12:14	T	1.1	200.8	0.12	24.64	31.07	85.52	5.96	5.27	8.00	8
2014/11/12	MF	DS4	11:12:44	B	2.9	291.5	0.29	24.64	31.11	85.82	5.98	5.07	7.99	6
2014/11/12	MF	DS4	11:13:15	T	1.1	142.0	0.76	24.64	31.07	85.73	5.97	5.97	7.99	8
2014/11/12	MF	DS5	11:17:58	B	5.1	297.8	0.20	24.58	31.18	83.65	5.83	4.17	7.98	5
2014/11/12	MF	DS5	11:18:26	M	3.5	112.4	0.87	24.60	31.17	84.46	5.89	3.77	7.99	4
2014/11/12	MF	DS5	11:18:58	T	1.1	244.1	0.48	24.61	31.16	84.57	5.89	3.77	8.00	5
2014/11/12	MF	DS5	11:19:34	B	4.7	339.7	1.02	24.59	31.18	85.99	5.99	3.97	7.99	5
2014/11/12	MF	DS5	11:20:01	M	3.5	236.6	0.26	24.60	31.17	85.59	5.96	3.67	7.99	4
2014/11/12	MF	DS5	11:20:29	T	1.1	286.2	1.27	24.61	31.16	85.49	5.96	3.47	8.00	5
2014/11/12	MF	DS5	11:21:01	B	4.7	25.4	0.97	24.60	31.17	86.00	5.99	3.57	7.99	5
2014/11/12	MF	DS5	11:21:28	M	3.7	299.5	0.37	24.61	31.16	86.41	6.02	3.37	7.99	4
2014/11/12	MF	DS5	11:22:04	T	1.1	196.7	0.44	24.61	31.16	86.52	6.03	3.27	8.00	4
2014/11/12	MF	US1	12:08:57	B	3.1	213.4	0.89	24.74	30.45	108.66	7.58	6.37	7.98	5
2014/11/12	MF	US1	12:09:28	T	1.0	117.4	0.22	24.73	30.31	106.42	7.44	4.27	7.97	4
2014/11/12	MF	US1	12:10:02	B	2.9	171.7	0.17	24.73	30.34	108.16	7.56	3.87	7.98	5
2014/11/12	MF	US1	12:10:33	T	1.2	320.3	0.76	24.73	30.33	105.82	7.39	4.17	7.97	4
2014/11/12	MF	US1	12:11:16	B	3.0	133.2	1.12	24.75	30.45	110.11	7.69	4.07	8.00	5
2014/11/12	MF	US1	12:11:45	T	1.0	174.9	0.62	24.73	30.30	105.94	7.40	4.57	7.96	4
2014/11/12	MF	US2	12:16:09	B	3.9	133.9	0.15	24.75	30.63	103.24	7.20	4.07	7.96	4
2014/11/12	MF	US2	12:16:40	M	3.0	169.0	0.75	24.76	30.63	103.96	7.25	3.57	7.97	5
2014/11/12	MF	US2	12:17:15	T	1.1	171.8	0.67	24.78	30.63	104.68	7.29	3.57	7.97	5
2014/11/12	MF	US2	12:17:52	B	4.0	279.5	1.14	24.75	30.63	102.85	7.17	3.67	7.96	5
2014/11/12	MF	US2	12:18:25	M	3.0	147.8	0.16	24.77	30.63	104.18	7.26	3.57	7.96	5
2014/11/12	MF	US2	12:18:58	T	1.0	130.0	0.40	24.79	30.63	105.21	7.33	5.17	7.97	5
2014/11/12	MF	US2	12:19:34	B	3.9	272.4	0.19	24.75	30.62	102.97	7.18	5.07	7.95	4
2014/11/12	MF	US2	12:20:04	M	2.9	326.2	0.73	24.76	30.62	103.69	7.23	3.67	7.96	5
2014/11/12	MF	US2	12:20:38	T	1.1	104.7	0.38	24.78	30.62	104.21	7.26	3.67	7.96	5
2014/11/12	MF	MW1	9:41:06	B	18.9	13.0	0.74	25.07	31.63	92.39	6.37	4.37	7.83	5
2014/11/12	MF	MW1	9:41:52	M	10.6	90.0	0.36	25.08	31.58	93.00	6.41	3.17	7.84	4
2014/11/12	MF	MW1	9:42:43	T	1.1	75.6	0.70	25.01	31.28	95.51	6.61	2.67	7.85	4
2014/11/12	MF	MW1	9:43:32	B	18.8	285.9	0.85	25.08	31.63	92.82	6.40	5.67	7.85	5
2014/11/12	MF	MW1	9:44:21	M	10.4	356.5	0.21	25.09	31.64	92.62	6.38	4.07	7.86	4
2014/11/12	MF	MW1	9:45:08	T	1.1	128.7	0.70	25.03	31.36	94.64	6.54	2.87	7.87	4
2014/11/12	MF	MW1	9:45:59	B	19.1	334.2	0.93	25.08	31.66	92.04	6.34	3.57	7.87	6
2014/11/12	MF	MW1	9:46:41	M	10.6	152.8	0.37	25.09	31.65	92.35	6.36	3.27	7.87	4
2014/11/12	MF	MW1	9:47:34	T	1.1	103.7	0.34	25.01	31.26	95.56	6.61	2.28	7.88	4
2014/11/12	MF	THB1	11:35:47	B	2.9	263.4	0.55	24.84	30.82	101.06	7.03	8.46	7.97	10
2014/11/12	MF	THB1	11:36:17	T	1.0	342.8	0.33	24.80	30.63	104.62	7.29	7.76	7.99	10
2014/11/12	MF	THB1	11:37:45	B	3.1	278.7	0.52	24.84	30.86	101.08	7.03	8.36	7.97	10
2014/11/12	MF	THB1	11:38:25	T	1.0	110.5	0.74	24.79	30.59	105.05	7.32	8.16	7.99	10
2014/11/12	MF	THB1	11:40:08	B	2.8	74.6	0.35	24.82	30.70	102.83	7.16	8.76	7.96	10
2014/11/12	MF	THB1	11:40:42	T	1.0	175.4	0.19	24.81	30.65	103.95	7.24	8.56	7.97	10
2014/11/12	MF	THB2	11:43:20	M	1.3	40.0	0.01	25.11	30.76	89.74	6.21	6.34	7.83	7
2014/11/12	MF	THB2	11:44:13	M	1.3	40.0	0.01	25.09	30.78	90.24	6.25	4.85	7.83	7
2014/11/12	MF	THB2	11:45:13	M	1.3	40.0	0.01	25.10	30.80	89.83	6.22	5.14	7.84	7
2014/11/12	MF	WSR45C	10:16:53	B	11.8	153.0	0.32	24.87	30.87	95.36	6.63	6.77	7.93	6
2014/11/12	MF	WSR45C	10:17:44	M	6.9	281.6	0.35	24.81	30.67	97.39	6.78	3.47	7.94	4
2014/11/12	MF	WSR45C	10:18:20	T	1.2	187.4	0.47	24.83	30.64	102.32	7.12	2.97	7.97	3
2014/11/12	MF	WSR45C	10:19:02	B	12.0	237.0	0.94	24.88	30.84	95.49	6.63	5.27	7.94	6
2014/11/12	MF	WSR45C	10:19:39	M	7.0	228.0	0.80	24.80	30.69	96.80	6.74	3.67	7.94	4
2014/11/12	MF	WSR45C	10:20:20	T	1.1	275.3	0.90	24.82	30.63	103.45	7.20	3.17	7.98	4
2014/11/12	MF	WSR45C	10:21:00	B	11.9	265.1	1.08	24.89	30.87	95.61	6.64	7.96	7.94	7
2014/11/12	MF	WSR45C	10:22:12	M	6.7	231.7	1.06	24.84	30.78	96.12	6.69	6.67	7.94	4
2014/11/12	MF	WSR45C	10:22:51	T	0.9	256.3	0.65	24.84	30.65	102.07	7.10	3.07	7.97	4
2014/11/12	MF	WSR46	12:34:37	B	9.2	303.2	0.81	24.80	30.72	99.36	6.92	6.37	7.94	6
2014/11/12	MF	WSR46	12:35:08	M	5.5	312.1	0.35	24.75	30.64	100.29	6.99	5.77	7.95	6
2014/11/12	MF	WSR46	12:35:42	T	1.2	10.6	0.92	24.75	30.61	101.93	7.11	4.77	7.96	5
2014/11/12	MF	WSR46	12:36:25	B	9.1	259.3	0.95	24.80	30.73	99.18	6.91	7.07	7.94	6
2014/11/12	MF	WSR46	12:36:59	M	5.5	299.5	1.06	24.75	30.64	100.21	6.99	5.87	7.95	5
2014/11/12	MF	WSR46	12:37:35	T	1.2	346.1	0.48	24.76	30.60	101.85	7.10	5.17	7.95	5
2014/11/12	MF	WSR46	12:38:16	B	9.4	194.9	0.30	24.82	30.76	98.69	6.87	5.67	7.93	6
2014/11/12	MF	WSR46	12:38:53	M	5.4	49.3	0.72	24.75	30.64	99.92	6.97	6.37	7.94	6
2014/11/12	MF	WSR46	12:39:27	T	1.1	280.2	0.71	24.76	30.58	101.87	7.10	4.77	7.95	5

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)
2014/11/12	ME	DS1	15:57:29	B	3.0	22.3	0.36	24.74	30.63	106.31	7.41	4.57	7.95	4
2014/11/12	ME	DS1	15:58:05	T	0.8	215.0	0.34	24.75	30.60	108.23	7.55	3.87	7.96	4
2014/11/12	ME	DS1	15:58:44	B	3.0	254.1	0.27	24.75	30.62	107.23	7.48	3.87	7.95	4
2014/11/12	ME	DS1	15:59:17	T	1.0	128.4	0.22	24.75	30.61	108.75	7.58	3.67	7.96	5
2014/11/12	ME	DS1	15:59:48	B	3.0	326.2	0.27	24.74	30.61	109.26	7.62	3.67	7.95	4
2014/11/12	ME	DS1	16:00:21	T	0.8	73.5	0.33	24.74	30.61	109.17	7.61	3.97	7.95	5
2014/11/12	ME	DS2	16:04:58	B	4.2	86.2	0.69	24.79	30.80	112.65	7.84	4.47	7.95	5
2014/11/12	ME	DS2	16:05:28	M	2.9	84.1	0.33	24.78	30.71	112.35	7.83	3.47	7.97	5
2014/11/12	ME	DS2	16:06:00	T	1.1	107.1	1.15	24.77	30.70	114.38	7.97	3.47	7.97	4
2014/11/12	ME	DS2	16:06:33	B	3.8	239.0	0.54	24.78	30.71	114.08	7.95	3.87	7.97	5
2014/11/12	ME	DS2	16:07:00	M	2.7	254.9	1.41	24.77	30.71	114.39	7.97	3.57	7.97	5
2014/11/12	ME	DS2	16:07:39	T	0.6	122.6	0.41	24.77	30.70	114.70	7.99	3.37	7.97	4
2014/11/12	ME	DS2	16:08:14	B	3.9	122.5	0.77	24.79	30.74	113.09	7.87	3.37	7.96	5
2014/11/12	ME	DS2	16:08:44	M	3.0	86.2	0.29	24.77	30.70	113.90	7.94	3.37	7.97	5
2014/11/12	ME	DS2	16:09:17	T	0.7	89.3	0.08	24.77	30.70	114.51	7.98	3.37	7.97	4
2014/11/12	ME	DS3	16:17:17	B	5.0	302.0	0.33	24.80	30.76	110.87	7.72	2.97	7.96	4
2014/11/12	ME	DS3	16:17:50	M	3.5	120.3	0.81	24.79	30.73	112.29	7.82	2.77	7.97	4
2014/11/12	ME	DS3	16:18:34	T	0.9	74.8	0.76	24.78	30.73	113.81	7.93	2.87	7.97	7
2014/11/12	ME	DS3	16:19:18	B	5.1	32.2	0.26	24.79	30.73	112.81	7.86	2.87	7.96	4
2014/11/12	ME	DS3	16:20:03	M	3.4	63.2	0.64	24.77	30.72	113.02	7.87	2.97	7.97	4
2014/11/12	ME	DS3	16:20:37	T	1.0	322.4	0.60	24.77	30.72	114.14	7.95	2.87	7.97	7
2014/11/12	ME	DS3	16:21:10	B	5.1	325.8	0.26	24.78	30.72	113.44	7.90	2.87	7.97	4
2014/11/12	ME	DS3	16:21:37	M	3.3	103.7	0.35	24.79	30.71	112.73	7.85	2.97	7.96	4
2014/11/12	ME	DS3	16:22:06	T	1.0	60.6	0.69	24.77	30.72	113.24	7.89	2.87	7.97	7
2014/11/12	ME	DS4	16:28:40	B	6.1	115.9	0.37	25.10	31.67	96.02	6.62	3.87	7.88	4
2014/11/12	ME	DS4	16:29:08	M	3.8	145.9	0.62	24.95	31.14	103.00	7.14	3.37	7.93	5
2014/11/12	ME	DS4	16:29:38	T	0.9	194.5	0.70	24.78	30.72	110.80	7.72	3.37	7.97	5
2014/11/12	ME	DS4	16:30:18	B	5.8	199.7	0.77	25.10	31.69	98.46	6.78	3.97	7.89	4
2014/11/12	ME	DS4	16:30:45	M	4.1	322.0	0.34	25.05	31.37	98.26	6.79	4.27	7.90	5
2014/11/12	ME	DS4	16:31:19	T	0.9	107.1	0.46	24.77	30.74	111.02	7.73	3.87	7.96	5
2014/11/12	ME	DS4	16:31:55	B	5.8	83.6	0.37	25.09	31.67	97.97	6.75	3.57	7.88	4
2014/11/12	ME	DS4	16:32:26	M	3.7	73.1	0.86	24.92	31.08	103.14	7.15	3.47	7.92	4
2014/11/12	ME	DS4	16:32:56	T	1.2	9.5	1.32	24.90	31.04	106.08	7.36	3.37	7.93	4
2014/11/12	ME	DS5	16:38:33	B	7.8	121.4	0.43	25.08	31.75	97.73	6.73	3.67	7.90	3
2014/11/12	ME	DS5	16:39:07	M	4.9	345.7	0.39	24.93	31.04	101.69	7.05	3.37	7.93	3
2014/11/12	ME	DS5	16:39:40	T	1.2	80.2	0.70	24.77	30.77	112.12	7.81	3.17	7.97	3
2014/11/12	ME	DS5	16:40:24	B	8.2	273.5	0.20	25.09	31.76	97.34	6.70	3.77	7.89	3
2014/11/12	ME	DS5	16:41:02	M	5.1	88.1	0.24	25.01	31.31	100.59	6.96	4.57	7.90	3
2014/11/12	ME	DS5	16:41:35	T	0.8	319.2	0.52	24.78	30.78	111.03	7.73	2.97	7.96	3
2014/11/12	ME	DS5	16:42:26	B	8.2	19.9	0.12	25.09	31.65	98.27	6.77	3.87	7.89	3
2014/11/12	ME	DS5	16:42:57	M	5.1	47.5	0.40	24.87	30.93	106.69	7.41	3.07	7.94	3
2014/11/12	ME	DS5	16:43:41	T	0.9	111.9	0.48	24.78	30.78	112.37	7.82	2.97	7.96	3
2014/11/12	ME	US1	15:45:16	B	3.0	292.2	0.56	24.80	30.67	112.53	7.84	14.05	7.97	11
2014/11/12	ME	US1	15:45:57	T	1.0	122.7	0.56	24.79	30.48	117.27	8.18	4.77	8.00	8
2014/11/12	ME	US1	15:46:50	B	3.2	320.3	0.65	24.81	30.78	110.63	7.70	10.36	7.96	12
2014/11/12	ME	US1	15:47:21	T	0.9	146.8	1.24	24.80	30.53	116.18	8.10	6.17	7.99	8
2014/11/12	ME	US1	15:51:31	B	3.1	111.0	0.33	24.79	30.55	114.92	8.01	12.95	7.98	11
2014/11/12	ME	US1	15:52:04	T	1.1	142.7	1.16	24.78	30.46	116.74	8.14	5.67	7.99	8
2014/11/12	ME	US2	15:36:27	B	3.1	219.8	0.77	24.83	30.75	114.34	7.96	4.77	7.98	6
2014/11/12	ME	US2	15:37:00	T	1.0	237.3	0.90	24.82	30.68	117.47	8.18	4.87	8.00	7
2014/11/12	ME	US2	15:38:15	B	2.8	319.7	0.18	24.79	30.95	112.35	7.81	7.17	7.96	6
2014/11/12	ME	US2	15:38:55	T	1.0	148.5	0.22	24.83	30.68	116.39	8.10	4.77	7.99	7
2014/11/12	ME	US2	15:39:27	B	2.8	262.5	0.45	24.83	30.74	114.68	7.98	4.77	7.98	6
2014/11/12	ME	US2	15:39:59	T	0.8	222.6	0.50	24.83	30.70	116.80	8.13	4.67	7.99	7
2014/11/12	ME	MW1	17:26:29	B	19.3	286.8	0.84	25.17	32.33	100.44	6.89	2.48	7.92	3
2014/11/12	ME	MW1	17:27:30	M	10.3	206.1	0.61	25.16	32.31	100.75	6.91	2.18	7.92	3
2014/11/12	ME	MW1	17:28:20	T	1.1	290.5	0.22	25.14	32.28	101.78	6.98	2.18	7.92	3
2014/11/12	ME	MW1	17:31:16	B	19.3	201.0	0.19	25.16	32.32	100.38	6.88	2.87	7.91	3
2014/11/12	ME	MW1	17:32:00	M	10.6	295.2	0.26	25.16	32.32	100.49	6.89	1.98	7.91	3
2014/11/12	ME	MW1	17:32:48	T	0.9	69.5	0.45	25.16	32.31	101.01	6.93	2.18	7.91	3
2014/11/12	ME	MW1	17:33:33	B	19.1	117.6	0.28	25.17	32.31	100.20	6.87	2.18	7.91	3
2014/11/12	ME	MW1	17:34:20	M	10.7	86.4	0.37	25.16	32.32	100.51	6.89	2.28	7.90	3
2014/11/12	ME	MW1	17:35:28	T	1.0	40.4	0.32	25.09	32.14	102.66	7.06	1.98	7.91	3
2014/11/12	ME	THB1	15:07:14	B	2.8	211.3	0.31	24.88	30.64	116.73	8.12	7.86	7.98	8
2014/11/12	ME	THB1	15:08:05	T	1.0	186.4	0.32	24.87	30.63	118.04	8.21	8.16	7.99	7
2014/11/12	ME	THB1	15:08:39	B	2.9	77.2	0.66	24.87	30.63	117.95	8.21	6.67	7.99	9
2014/11/12	ME	THB1	15:09:13	T	1.0	28.9	0.32	24.88	30.65	117.05	8.14	6.87	7.98	7
2014/11/12	ME	THB1	15:09:50	B	3.1	144.3	0.56	24.89	30.68	115.15	8.01	7.27	7.97	8
2014/11/12	ME	THB1	15:10:22	T	1.1	128.1	0.40	24.89	30.67	115.46	8.03	6.67	7.97	7
2014/11/12	ME	THB2	15:15:34	M	1.3	40.0	0.01	24.91	30.51	103.71	7.22	2.75	7.93	9
2014/11/12	ME	THB2	15:16:21	M	1.3	40.0	0.01	24.96	30.59	102.81	7.14	3.05	7.96	9
2014/11/12	ME	THB2	15:17:16	M	1.3	40.0	0.01	24.98	30.61	102.80	7.14	2.85	7.97	10
2014/11/12	ME	WSR45C	16:48:33	B	12.9	114.6	0.21	25.08	31.66	97.22	6.70	3.57	7.89	4
2014/11/12	ME	WSR45C	16:49:16	M	7.6	279.3	0.70	24.98	31.15	100.77	6.98	3.77	7.90	5
2014/11/12	ME	WSR45C	16:49:57	T	1.0	159.6	0.54	24.77	30.80	111.53	7.77	2.77	7.96	3
2014/11/12	ME	WSR45C	16:50:44	B	13.1	73.0	0.54	25.09	31.62	96.83	6.67	3.67	7.88	4
2014/11/12	ME	WSR45C	16:51:25	M	7.5	154.4	0.31	24.97	31.06	104.75	7.26	3.87	7.92	5
2014/11/12	ME	WSR45C	16:52:02	T	1.0	68.7	0.48	24.77	30.81	111.65	7.77	2.77	7.96	3
2014/11/12	ME	WSR45C	16:52:54	B	12.8	147.1	0.52	25.06	31.48	98.07	6.77	3.57	7.88	4
2014/11/12	ME	WSR45C	16:53:35	M	7.5	15.0	1.51	24.93	31.00	106.80	7.41	3.37	7.93	5
2014/11/12	ME	WSR45C	16:54:15	T	1.2	209.1	0.79	24.77	30.80	111.88	7.79	2.97	7.95	3
2014/11/12	ME	WSR46	14:37:08	B	9.1	153.3	0.24	24.85	30.81	102.27	7.11	6.87	7.89	8
2014/11/12	ME	WSR46	14:37:39	M	5.7	95.6	0.23	24.77	30.65	102.38	7.13	7.37	7.88	6
2014/11/12	ME	WSR46	14:38:13	T	0.8	141.6	0.47	24.75	30.58	104.38	7.28	4.67	7.88	6
2014/11/12	ME	WSR46	14:38:55	B	9.1	78.7	0.90	24.84	30.78	102.89	7.16	6.77	7.87	9
2014/11/12	ME	WSR46	14:39:26	M	5.8	260.								