

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)
2013/10/04	MF	DS1	17:06:30	B	2.0	327.6	0.38	28.42	28.25	106.36	7.07	13.60	7.98	14
2013/10/04	MF	DS1	17:07:23	T	1.1	60.2	0.38	28.43	28.25	106.15	7.05	13.10	8.01	14
2013/10/04	MF	DS1	17:08:24	B	2.0	238.1	0.19	28.38	28.27	104.23	6.93	15.70	8.02	13
2013/10/04	MF	DS1	17:09:08	T	0.9	60.2	0.38	28.39	28.27	104.91	6.97	12.90	8.03	13
2013/10/04	MF	DS1	17:10:09	B	2.1	158.2	0.42	28.35	28.28	103.00	6.85	14.20	8.03	15
2013/10/04	MF	DS1	17:11:10	T	1.1	60.2	0.38	28.40	28.25	105.77	7.03	11.80	8.04	13
2013/10/04	MF	DS2	17:17:47	B	1.9	214.9	0.98	28.30	28.26	103.85	6.90	20.80	8.06	24
2013/10/04	MF	DS2	17:18:30	T	0.9	337.7	0.66	28.29	28.26	103.93	6.92	18.50	8.08	19
2013/10/04	MF	DS2	17:19:37	B	2.1	164.1	0.09	28.29	28.26	103.41	6.88	18.90	8.08	26
2013/10/04	MF	DS2	17:20:30	T	0.8	277.9	0.46	28.28	28.26	103.29	6.88	19.20	8.08	20
2013/10/04	MF	DS2	17:21:14	B	2.0	207.7	0.36	28.29	28.26	103.18	6.87	21.80	8.09	25
2013/10/04	MF	DS2	17:22:17	T	1.0	16.1	0.59	28.29	28.26	103.66	6.90	18.70	8.09	21
2013/10/04	MF	DS3	17:37:08	B	2.3	258.5	0.79	28.27	28.25	106.14	7.06	23.50	8.13	26
2013/10/04	MF	DS3	17:38:18	T	0.9	212.9	1.07	28.37	28.25	105.52	7.01	25.20	8.16	23
2013/10/04	MF	DS3	17:39:16	B	2.0	274.8	0.66	28.35	28.26	105.10	6.99	25.20	8.17	27
2013/10/04	MF	DS3	17:40:15	T	1.1	212.9	1.07	28.34	28.26	104.99	6.98	24.10	8.17	23
2013/10/04	MF	DS3	17:41:08	B	2.1	274.8	0.66	28.34	28.26	104.77	6.97	32.20	8.16	29
2013/10/04	MF	DS3	17:42:11	T	0.9	212.9	1.07	28.33	28.26	105.05	6.99	24.00	8.16	24
2013/10/04	MF	DS4	17:47:50	B	3.1	207.8	0.36	28.43	28.20	104.54	6.94	13.80	8.14	12
2013/10/04	MF	DS4	17:48:52	T	0.9	78.3	0.53	28.41	28.20	104.81	6.97	12.70	8.15	12
2013/10/04	MF	DS4	17:49:47	B	3.0	277.2	0.51	28.43	28.20	104.60	6.95	14.60	8.15	13
2013/10/04	MF	DS4	17:50:37	T	0.8	78.3	0.53	28.43	28.20	104.98	6.97	13.60	8.15	12
2013/10/04	MF	DS4	17:51:24	B	3.2	122.0	0.21	28.44	28.20	104.57	6.95	14.80	8.15	14
2013/10/04	MF	DS4	17:52:10	T	1.0	78.3	0.53	28.44	28.21	104.95	6.96	14.80	8.15	12
2013/10/04	MF	DS5	17:58:21	B	4.1	234.7	1.23	28.39	28.28	103.83	6.90	11.00	8.14	10
2013/10/04	MF	DS5	17:59:24	M	3.2	119.7	1.03	28.39	28.23	105.79	7.03	9.90	8.15	8
2013/10/04	MF	DS5	18:00:27	T	1.0	149.4	0.30	28.40	28.22	106.56	7.08	9.10	8.15	8
2013/10/04	MF	DS5	18:01:29	B	4.1	234.7	1.23	28.39	28.22	104.37	6.94	11.10	8.14	11
2013/10/04	MF	DS5	18:02:21	M	3.1	76.1	0.29	28.32	28.37	102.08	6.79	12.60	8.13	8
2013/10/04	MF	DS5	18:03:08	T	1.0	263.5	0.13	28.39	28.23	105.81	7.03	9.30	8.14	8
2013/10/04	MF	DS5	18:03:59	B	3.9	292.7	0.93	28.35	28.33	103.23	6.86	11.60	8.12	10
2013/10/04	MF	DS5	18:04:35	M	3.0	351.6	0.58	28.35	28.32	103.61	6.89	11.30	8.12	9
2013/10/04	MF	DS5	18:05:25	T	1.0	224.9	0.84	28.38	28.28	104.78	6.96	10.40	8.13	8
2013/10/04	MF	US1	18:36:17	B	2.9	144.8	0.36	28.18	28.62	91.32	6.08	27.60	8.08	16
2013/10/04	MF	US1	18:37:08	T	0.9	276.1	0.81	28.18	28.58	92.97	6.19	15.60	8.09	17
2013/10/04	MF	US1	18:39:28	B	3.1	229.0	0.38	28.17	28.62	91.07	6.06	31.80	8.08	18
2013/10/04	MF	US1	18:40:14	T	0.9	276.1	0.81	28.13	28.62	91.55	6.10	18.30	8.08	16
2013/10/04	MF	US1	18:41:21	B	2.9	287.8	0.84	28.15	28.63	90.55	6.03	25.70	8.07	17
2013/10/04	MF	US1	18:42:13	T	1.1	276.1	0.81	28.13	28.64	90.83	6.05	18.30	8.07	15
2013/10/04	MF	US2	18:48:02	B	3.7	249.3	0.75	28.09	28.75	89.06	5.93	19.30	8.06	20
2013/10/04	MF	US2	18:49:27	M	3.0	297.1	0.42	28.10	28.75	88.65	5.90	23.50	8.06	20
2013/10/04	MF	US2	18:50:38	T	0.9	175.4	0.85	28.08	28.72	89.31	5.95	15.80	8.06	14
2013/10/04	MF	US2	18:51:59	B	4.0	238.3	0.33	28.08	28.74	88.80	5.92	19.80	8.05	20
2013/10/04	MF	US2	18:52:47	M	3.0	217.4	0.35	28.09	28.75	88.50	5.89	19.40	8.05	20
2013/10/04	MF	US2	18:53:33	T	1.0	224.6	0.83	28.12	28.73	88.87	5.92	18.00	8.05	14
2013/10/04	MF	US2	18:54:33	B	4.0	332.6	0.44	28.09	28.75	88.27	5.88	23.90	8.05	19
2013/10/04	MF	US2	18:55:17	M	2.9	251.6	0.92	28.09	28.74	88.45	5.89	18.90	8.04	19
2013/10/04	MF	US2	18:56:31	T	1.1	330.2	0.53	28.08	28.72	88.92	5.92	16.10	8.03	16
2013/10/04	MF	MW1	19:08:33	B	19.0	303.9	0.56	27.84	30.15	100.17	6.65	42.76	8.15	10
2013/10/04	MF	MW1	19:09:27	M	10.1	322.2	0.05	27.83	30.12	100.78	6.69	44.06	8.13	10
2013/10/04	MF	MW1	19:10:27	T	1.1	295.9	0.31	27.82	30.13	101.28	6.72	37.66	8.12	9
2013/10/04	MF	MW1	19:12:16	B	19.1	303.9	0.56	27.84	30.16	99.78	6.62	46.67	8.15	11
2013/10/04	MF	MW1	19:13:10	M	10.1	93.4	0.75	27.83	30.12	100.58	6.68	46.07	8.15	9
2013/10/04	MF	MW1	19:14:21	T	1.1	343.1	0.47	27.83	30.12	101.08	6.71	42.16	8.15	9
2013/10/04	MF	MW1	19:15:44	B	19.1	3.8	0.47	27.84	30.20	99.38	6.59	47.47	8.14	10
2013/10/04	MF	MW1	19:16:40	M	10.3	39.8	0.49	27.84	30.15	99.98	6.63	40.16	8.13	10
2013/10/04	MF	MW1	19:17:35	T	1.0	336.3	0.21	27.82	30.12	101.09	6.71	39.36	8.13	10
2013/10/04	MF	THB1	17:33:11	B	2.3	340.1	0.43	28.30	28.06	109.56	7.30	12.93	8.21	13
2013/10/04	MF	THB1	17:34:07	T	1.0	228.2	1.27	28.32	28.05	109.96	7.32	13.23	8.28	10
2013/10/04	MF	THB1	17:35:06	B	2.5	158.3	0.82	28.31	28.06	109.17	7.27	13.13	8.29	12
2013/10/04	MF	THB1	17:36:04	T	1.1	228.2	1.27	28.34	28.04	110.17	7.34	12.13	8.31	11
2013/10/04	MF	THB1	17:37:04	B	2.5	175.2	0.20	28.32	28.05	110.17	7.34	12.73	8.33	12
2013/10/04	MF	THB1	17:38:05	T	1.0	228.2	1.27	28.33	28.04	110.37	7.35	11.93	8.34	11
2013/10/04	MF	THB2	17:08:42	M	1.3	40.0	0.03	28.67	28.04	100.38	6.65	23.49	8.03	3
2013/10/04	MF	THB2	17:09:55	M	1.3	40.0	0.03	28.74	28.04	99.27	6.57	26.80	8.03	4
2013/10/04	MF	THB2	17:10:47	M	1.3	40.0	0.03	28.71	28.04	98.59	6.52	25.70	8.03	4
2013/10/04	MF	WSR45C	17:58:45	B	11.8	206.8	0.38	27.91	29.30	88.58	5.90	33.45	8.34	25
2013/10/04	MF	WSR45C	17:59:35	M	6.6	230.6	0.92	27.97	29.03	92.08	6.13	16.34	8.38	12
2013/10/04	MF	WSR45C	18:00:22	T	1.1	309.7	0.71	27.93	28.50	95.49	6.38	7.43	8.41	5
2013/10/04	MF	WSR45C	18:01:58	B	12.0	347.7	0.40	27.92	29.23	88.98	5.93	31.95	8.39	26
2013/10/04	MF	WSR45C	18:02:52	M	6.5	288.3	1.35	27.97	28.91	92.29	6.15	14.73	8.38	12
2013/10/04	MF	WSR45C	18:03:43	T	1.1	250.9	1.35	27.92	28.50	95.59	6.39	7.03	8.37	4
2013/10/04	MF	WSR45C	18:05:01	B	12.2	289.0	0.70	27.91	29.22	88.58	5.90	30.55	8.33	24
2013/10/04	MF	WSR45C	18:05:53	M	6.3	225.6	0.78	27.96	28.89	93.29	6.22	13.53	8.35	10
2013/10/04	MF	WSR45C	18:06:49	T	1.0	250.9	1.35	27.94	28.52	95.79	6.40	6.83	8.36	4
2013/10/04	MF	WSR46	17:07:17	B	7.7	223.7	0.51	27.72	28.76	92.32	6.19	29.05	7.86	17
2013/10/04	MF	WSR46	17:08:17	M	4.4	263.4	0.50	27.92	28.35	93.73	6.27	9.83	7.90	11
2013/10/04	MF	WSR46	17:09:08	T	1.3	281.9	0.80	27.92	28.04	94.13	6.31	7.73	7.93	9
2013/10/04	MF	WSR46	17:10:16	B	7.9	263.7	0.68	27.69	28.84	91.83	6.15	28.65	7.97	18
2013/10/04	MF	WSR46	17:11:09	M	4.7	290.1	0.76	27.87	28.47	93.03	6.23	10.93	8.00	10
2013/10/04	MF	WSR46	17:12:08	T	1.1	281.4	1.10	28.19	28.19	93.43	6.26	8.73	8.03	7
2013/10/04	MF	WSR46	17:13:05	B	7.9	104.8	0.54	27.68	28.90	91.53	6.13	31.75	8.03	18
2013/10/04	MF	WSR46	17:14:02	M	4.2	292.6	1.20	27.88	28.39	93.03	6.23	10.73	8.05	11
2013/10/04	MF	WSR46	17:14:53	T	1.1	281.4	1.10	27.91	28.21	93.93	6.29	8.43	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)
2013/10/04	ME	DS1	11:05:04	B	3.0	77.2	0.76	28.01	28.58	91.03	6.08	18.20	7.85	14
2013/10/04	ME	DS1	11:06:29	T	0.9	358.7	0.26	28.16	28.57	94.20	6.27	8.80	7.93	10
2013/10/04	ME	DS1	11:07:11	B	3.0	309.6	0.53	28.06	28.58	91.41	6.10	17.20	7.92	14
2013/10/04	ME	DS1	11:08:20	T	0.8	358.7	0.26	28.13	28.58	93.39	6.22	12.20	7.94	9
2013/10/04	ME	DS1	11:09:02	B	2.9	152.4	0.50	28.01	28.58	90.29	6.03	18.40	7.94	15
2013/10/04	ME	DS1	11:10:13	T	1.0	358.7	0.26	28.14	28.58	93.07	6.20	13.00	7.96	9
2013/10/04	ME	DS2	11:15:53	B	4.1	305.4	0.49	28.07	28.70	89.53	5.99	27.50	7.98	23
2013/10/04	ME	DS2	11:18:40	M	3.1	70.8	0.47	28.21	28.69	92.60	6.16	16.90	7.99	22
2013/10/04	ME	DS2	11:17:27	T	1.1	141.7	0.10	28.25	28.64	95.18	6.33	8.80	8.01	4
2013/10/04	ME	DS2	11:18:30	B	4.1	307.6	0.67	28.09	28.71	90.59	6.04	22.50	7.98	24
2013/10/04	ME	DS2	11:19:17	M	3.2	257.6	0.18	28.18	28.68	93.17	6.20	12.80	8.00	21
2013/10/04	ME	DS2	11:20:12	T	0.9	56.8	0.48	28.24	28.64	96.14	6.39	6.40	8.00	5
2013/10/04	ME	DS2	11:21:51	B	4.1	182.5	0.67	28.07	28.72	89.76	5.98	22.20	7.98	25
2013/10/04	ME	DS2	11:22:34	M	3.1	6.5	0.32	28.11	28.70	92.44	6.16	11.60	7.99	22
2013/10/04	ME	DS2	11:23:21	T	1.1	140.0	0.25	28.21	28.62	95.02	6.32	7.00	8.00	7
2013/10/04	ME	DS3	11:28:51	B	7.9	187.8	0.11	28.05	29.53	84.73	5.62	15.30	7.98	15
2013/10/04	ME	DS3	11:30:04	M	5.0	98.0	0.58	28.20	29.15	87.40	5.81	13.40	7.97	12
2013/10/04	ME	DS3	11:31:12	T	1.1	115.8	1.67	28.23	28.57	96.62	6.43	6.70	8.01	6
2013/10/04	ME	DS3	11:32:12	B	8.0	23.1	0.38	28.05	29.63	84.00	5.57	19.00	7.96	15
2013/10/04	ME	DS3	11:33:08	M	4.6	24.9	0.96	28.13	28.69	90.94	6.05	9.90	7.99	11
2013/10/04	ME	DS3	11:34:11	T	0.9	137.7	0.71	28.20	28.54	96.29	6.41	7.20	8.00	6
2013/10/04	ME	DS3	11:35:07	B	8.0	41.4	0.42	28.05	29.55	83.87	5.56	19.80	7.96	16
2013/10/04	ME	DS3	11:37:21	M	4.7	286.8	0.10	28.07	29.05	88.12	5.96	14.90	7.97	12
2013/10/04	ME	DS3	11:38:23	T	1.0	137.7	0.71	28.23	28.52	97.53	6.47	6.90	8.01	7
2013/10/04	ME	DS4	11:43:30	B	5.2	122.6	0.63	28.05	29.65	84.29	5.59	14.90	7.97	16
2013/10/04	ME	DS4	11:44:22	M	3.5	112.9	0.18	28.08	29.96	88.94	5.92	9.10	7.99	11
2013/10/04	ME	DS4	11:45:07	T	1.1	1.4	0.82	28.24	28.50	95.28	6.34	7.00	8.00	6
2013/10/04	ME	DS4	11:46:08	B	5.0	120.5	0.25	28.05	29.60	84.66	5.62	14.70	7.96	15
2013/10/04	ME	DS4	11:47:07	M	3.5	113.2	0.36	28.06	29.21	87.72	5.83	11.30	7.97	11
2013/10/04	ME	DS4	11:48:08	T	1.0	37.0	0.60	28.26	28.51	95.44	6.35	6.90	8.00	6
2013/10/04	ME	DS4	11:49:07	B	5.0	39.5	1.00	28.05	29.66	83.94	5.57	17.00	7.96	15
2013/10/04	ME	DS4	11:50:09	M	3.5	31.9	1.18	28.05	29.27	85.71	5.70	11.40	7.96	12
2013/10/04	ME	DS4	11:51:07	T	1.0	37.0	0.60	28.28	28.51	95.61	6.36	6.90	8.00	6
2013/10/04	ME	DS5	11:56:07	B	4.1	48.8	0.72	28.05	29.58	84.36	5.60	11.90	7.97	11
2013/10/04	ME	DS5	11:57:13	M	3.0	81.8	0.74	28.05	29.01	87.22	5.80	9.60	7.98	8
2013/10/04	ME	DS5	11:58:15	T	1.0	91.9	0.41	28.13	28.60	93.65	6.24	8.10	8.00	8
2013/10/04	ME	DS5	11:59:26	B	4.1	15.7	0.26	28.05	29.48	84.53	5.61	11.10	7.95	11
2013/10/04	ME	DS5	12:00:08	M	2.8	100.5	0.70	28.07	28.87	90.26	6.01	9.00	7.97	8
2013/10/04	ME	DS5	12:01:26	T	1.1	46.4	0.48	28.18	28.61	94.41	6.28	7.60	7.98	9
2013/10/04	ME	DS5	12:02:17	B	4.1	64.0	0.38	28.05	29.35	86.28	5.73	11.60	7.95	10
2013/10/04	ME	DS5	12:03:11	M	3.1	352.9	0.85	28.06	29.02	83.65	5.90	10.50	7.96	10
2013/10/04	ME	DS5	12:04:46	T	1.0	123.1	0.28	28.20	28.59	94.96	6.32	7.40	7.98	8
2013/10/04	ME	US1	12:51:57	B	3.2	168.1	1.86	28.28	28.23	101.05	6.73	13.00	7.88	14
2013/10/04	ME	US1	12:52:52	T	1.1	41.4	0.45	28.39	28.15	106.05	7.05	8.60	7.91	8
2013/10/04	ME	US1	12:53:51	B	3.0	40.5	0.58	28.17	28.25	97.78	6.52	15.80	7.87	14
2013/10/04	ME	US1	12:55:00	T	0.9	41.4	0.45	28.33	28.18	103.77	6.91	9.50	7.91	8
2013/10/04	ME	US1	12:55:55	B	3.1	44.6	0.97	28.16	28.31	97.36	6.49	14.60	7.87	15
2013/10/04	ME	US1	12:56:43	T	1.0	41.4	0.45	28.40	28.21	105.52	7.01	8.70	7.92	10
2013/10/04	ME	US2	13:01:52	B	2.1	54.6	0.23	28.23	28.26	99.66	6.64	13.40	7.94	10
2013/10/04	ME	US2	13:02:39	T	1.1	19.1	0.67	28.47	28.23	106.13	7.04	10.50	7.96	8
2013/10/04	ME	US2	13:03:42	B	2.0	34.7	0.66	28.18	28.27	98.75	6.58	13.30	7.92	10
2013/10/04	ME	US2	13:05:17	T	1.1	30.5	0.61	28.69	28.19	112.98	7.47	7.20	8.00	8
2013/10/04	ME	US2	13:06:17	B	2.1	125.3	0.11	28.22	28.27	99.51	6.63	12.70	7.93	11
2013/10/04	ME	US2	13:07:10	T	1.0	29.3	0.12	28.62	28.19	111.68	7.40	8.30	7.99	6
2013/10/04	ME	MW1	11:13:24	B	19.2	84.0	0.77	27.75	30.18	81.36	5.41	9.63	7.78	9
2013/10/04	ME	MW1	11:14:25	M	9.8	351.7	0.77	27.76	30.13	81.68	5.43	7.43	7.81	9
2013/10/04	ME	MW1	11:15:18	T	1.0	77.6	0.53	27.82	29.95	83.00	5.52	5.93	7.83	6
2013/10/04	ME	MW1	11:19:38	B	19.1	307.9	0.05	27.76	30.15	81.25	5.40	11.63	7.89	8
2013/10/04	ME	MW1	11:20:37	M	9.9	51.8	0.79	27.76	30.16	81.77	5.43	7.63	7.88	8
2013/10/04	ME	MW1	11:21:27	T	1.1	83.1	0.87	27.82	30.02	83.19	5.53	5.73	7.88	6
2013/10/04	ME	MW1	11:22:51	B	18.6	70.2	0.95	27.76	30.14	81.40	5.41	11.43	7.87	8
2013/10/04	ME	MW1	11:23:42	M	9.8	31.9	0.65	27.76	30.17	81.51	5.42	8.53	7.87	9
2013/10/04	ME	MW1	11:24:31	T	1.0	83.1	0.87	27.82	30.06	82.73	5.49	5.93	7.88	7
2013/10/04	ME	THB1	12:34:14	B	3.1	91.7	0.33	27.92	28.14	98.55	6.60	8.83	8.09	12
2013/10/04	ME	THB1	12:35:14	T	1.0	29.0	0.87	28.09	28.11	101.22	6.76	9.33	8.13	11
2013/10/04	ME	THB1	12:36:21	B	3.0	95.0	0.21	28.03	28.10	102.05	6.83	7.73	8.14	11
2013/10/04	ME	THB1	12:37:37	T	0.9	169.2	0.38	28.39	28.06	108.70	7.23	5.53	8.20	12
2013/10/04	ME	THB1	12:38:25	B	2.8	353.5	0.07	28.13	28.13	99.95	6.69	8.63	8.14	11
2013/10/04	ME	THB1	12:39:13	T	1.0	230.7	0.06	28.45	28.04	108.43	7.21	5.63	8.20	12
2013/10/04	ME	THB2	12:34:12	M	1.4	40.0	0.03	28.60	27.91	99.74	6.62	12.58	8.02	6
2013/10/04	ME	THB2	12:35:13	M	1.4	40.0	0.03	28.60	27.91	99.64	6.61	12.78	8.03	6
2013/10/04	ME	THB2	12:36:11	M	1.4	40.0	0.03	28.62	27.92	99.93	6.63	12.68	8.04	6
2013/10/04	ME	WSR45C	12:02:22	B	12.1	333.7	0.68	27.76	29.74	83.60	5.57	14.33	7.90	13
2013/10/04	ME	WSR45C	12:03:25	M	6.2	36.7	0.78	27.80	29.48	85.03	5.67	5.93	7.93	5
2013/10/04	ME	WSR45C	12:04:14	T	1.1	140.5	0.82	27.95	28.57	95.38	6.37	5.23	7.98	6
2013/10/04	ME	WSR45C	12:05:21	B	11.7	86.1	0.78	27.77	29.70	83.03	5.53	15.14	7.94	14
2013/10/04	ME	WSR45C	12:06:12	M	6.7	335.4	0.23	27.80	29.48	84.57	5.64	6.13	7.94	5
2013/10/04	ME	WSR45C	12:07:02	T	1.0	140.5	0.82	27.99	28.52	95.43	6.37	5.23	7.96	4
2013/10/04	ME	WSR45C	12:08:01	B	11.6	232.2	0.49	27.78	29.67	82.77	5.51	16.74	7.91	13
2013/10/04	ME	WSR45C	12:08:56	M	6.7	46.6	0.81	27.80	29.48	84.00	5.60	7.13	7.91	4
2013/10/04	ME	WSR45C	12:10:07	T	1.1	48.7	1.09	27.97	28.57	94.16	6.29	5.53	7.97	5
2013/10/04	ME	WSR46	13:05:56	B	8.2	237.4	0.20	27.60	28.94	88.86	5.96	156.18	7.92	44
2013/10/04	ME	WSR46	13:06:53	M	4.5	81.0	0.75	27.64	28.85	86.67	5.95	62.38	7.91	22
2013/10/04	ME	WSR46	13:07:42	T	1.3	78.1	0.75	27.85	28.44	91.76	6.15	18.84	7.92	15
2013/10/04	ME	WSR46	13:08:56	B	7.8	87.8	0.52	27.60	29.02	89.12	5.97	12.85	7.91	44
2013/10/04	ME	WSR46	13:09:53	M	4.7									