

Impact Water Quality Monitoring for Dredging Activities at SB CMP 1

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)
2013/04/24	MF	DS1	16:52:14	B	2.1	250.0	0.68	22.32	25.56	90.96	6.82	6.30	7.57	6
2013/04/24	MF	DS1	16:53:21	T	1.0	293.0	0.68	22.49	25.33	91.26	6.83	6.50	7.60	8
2013/04/24	MF	DS1	16:54:13	B	2.0	300.6	0.22	22.39	25.52	91.66	6.86	7.90	7.63	6
2013/04/24	MF	DS1	16:55:08	T	1.1	250.3	0.36	22.50	25.31	90.97	6.80	6.70	7.64	7
2013/04/24	MF	DS1	16:56:11	B	2.1	340.2	0.58	22.39	25.55	91.37	6.84	8.60	7.67	7
2013/04/24	MF	DS1	16:57:08	T	1.0	92.5	0.59	22.52	25.32	91.57	6.85	7.40	7.69	9
2013/04/24	MF	DS2	17:03:28	B	2.0	197.6	0.22	22.51	25.29	92.79	6.94	7.60	7.78	12
2013/04/24	MF	DS2	17:04:36	T	1.1	352.6	0.43	22.61	25.17	92.29	6.89	6.80	7.77	12
2013/04/24	MF	DS2	17:05:19	B	2.0	172.9	0.32	22.49	25.26	92.39	6.91	8.10	7.76	13
2013/04/24	MF	DS2	17:06:10	T	1.0	286.9	0.97	22.74	25.08	91.89	6.85	6.20	7.76	13
2013/04/24	MF	DS2	17:07:07	B	2.1	301.0	0.67	22.41	25.39	92.20	6.90	8.80	7.77	13
2013/04/24	MF	DS2	17:08:17	T	0.9	249.3	0.34	22.74	25.11	92.40	6.89	6.50	7.78	13
2013/04/24	MF	DS3	17:20:56	B	2.1	46.8	0.54	22.50	25.64	93.53	6.98	5.80	7.87	13
2013/04/24	MF	DS3	17:21:49	T	1.1	254.4	0.67	22.59	25.28	93.13	6.96	6.10	7.83	8
2013/04/24	MF	DS3	17:22:32	B	2.1	243.4	0.55	22.49	25.71	92.93	6.94	8.00	7.83	12
2013/04/24	MF	DS3	17:23:17	T	1.0	248.8	0.34	22.66	25.16	93.14	6.95	6.00	7.82	8
2013/04/24	MF	DS3	17:24:08	B	2.0	259.0	0.23	22.36	25.44	92.44	6.93	7.70	7.81	11
2013/04/24	MF	DS3	17:25:09	T	1.0	316.1	0.33	22.63	25.14	93.24	6.96	5.50	7.82	8
2013/04/24	MF	DS4	17:32:29	B	3.1	315.5	0.79	22.58	25.81	94.56	7.04	8.00	7.86	10
2013/04/24	MF	DS4	17:33:22	T	1.0	319.6	0.11	22.63	25.25	93.66	6.99	8.00	7.84	10
2013/04/24	MF	DS4	17:34:10	B	3.2	251.2	0.27	22.56	26.33	93.96	6.98	6.90	7.86	9
2013/04/24	MF	DS4	17:35:08	T	0.8	221.2	0.94	22.63	25.18	93.67	6.99	8.30	7.84	9
2013/04/24	MF	DS4	17:39:10	B	3.1	291.3	0.56	22.58	25.39	94.07	7.02	7.00	7.83	10
2013/04/24	MF	DS4	17:37:08	T	1.0	181.1	0.49	22.66	25.11	93.97	7.02	7.00	7.83	9
2013/04/24	MF	DS5	17:44:25	B	4.1	172.1	0.97	22.65	26.73	95.69	7.08	10.80	7.91	22
2013/04/24	MF	DS5	17:45:09	M	3.0	223.1	0.24	22.67	26.59	95.29	7.05	10.50	7.89	10
2013/04/24	MF	DS5	17:46:09	T	1.0	152.0	0.62	22.75	25.54	94.60	7.03	7.20	7.85	11
2013/04/24	MF	DS5	17:47:52	B	4.1	357.4	0.26	22.50	26.99	94.40	6.99	14.00	7.88	21
2013/04/24	MF	DS5	17:49:17	M	2.9	325.9	0.48	22.66	26.55	95.51	7.07	11.10	7.88	10
2013/04/24	MF	DS5	17:50:11	T	1.0	256.6	0.60	22.72	25.40	94.41	7.03	7.50	7.85	10
2013/04/24	MF	DS5	17:51:17	B	4.1	254.8	0.52	22.54	26.94	94.51	7.00	13.80	7.88	22
2013/04/24	MF	DS5	17:52:23	M	3.0	237.5	0.39	22.65	26.65	94.91	7.02	11.90	7.88	10
2013/04/24	MF	DS5	17:53:43	T	0.9	205.3	0.40	22.60	26.00	94.82	7.04	8.30	7.86	10
2013/04/24	MF	US1	18:31:26	B	5.0	241.4	0.44	21.66	28.16	89.89	6.71	22.10	7.74	31
2013/04/24	MF	US1	18:32:19	M	3.4	219.1	0.71	21.99	27.42	92.20	6.88	10.00	7.74	16
2013/04/24	MF	US1	18:33:09	T	1.0	270.0	0.58	22.56	26.28	95.32	7.08	4.60	7.76	5
2013/04/24	MF	US1	18:35:03	B	5.1	229.6	0.52	22.68	26.08	90.40	6.76	27.40	7.73	33
2013/04/24	MF	US1	18:36:08	M	3.5	200.6	1.01	22.30	26.68	93.12	6.93	6.30	7.76	15
2013/04/24	MF	US1	18:37:10	T	0.8	249.0	0.56	22.64	26.20	95.63	7.10	3.80	7.79	6
2013/04/24	MF	US1	18:38:18	B	5.4	242.2	0.91	21.70	28.01	90.61	6.77	23.10	7.75	33
2013/04/24	MF	US1	18:39:30	M	3.4	332.7	0.32	22.43	26.44	94.13	7.00	5.40	7.78	15
2013/04/24	MF	US1	18:40:16	T	1.0	289.3	0.70	22.82	26.02	96.54	7.15	3.70	7.81	6
2013/04/24	MF	US2	18:46:05	B	7.0	229.4	0.30	21.44	28.95	90.53	6.76	11.90	7.80	24
2013/04/24	MF	US2	18:47:13	M	3.5	188.1	0.56	21.60	28.30	90.84	6.79	7.10	7.76	8
2013/04/24	MF	US2	18:48:22	T	1.0	208.1	0.66	21.95	27.49	92.24	6.88	5.60	7.78	7
2013/04/24	MF	US2	18:49:12	B	7.2	72.3	0.35	21.43	28.95	89.64	6.69	11.60	7.77	24
2013/04/24	MF	US2	18:50:19	M	4.2	213.7	0.70	21.49	28.72	90.14	6.73	7.30	7.78	7
2013/04/24	MF	US2	18:51:42	T	0.8	271.3	0.63	22.32	26.78	93.76	6.98	4.30	7.81	7
2013/04/24	MF	US2	18:52:59	B	7.0	241.3	0.97	21.44	28.93	90.05	6.72	11.30	7.79	25
2013/04/24	MF	US2	18:54:30	M	4.1	300.6	0.49	21.51	28.61	89.55	6.69	7.80	7.78	7
2013/04/24	MF	US2	18:55:27	T	1.2	263.2	0.82	22.34	26.76	93.67	6.97	4.40	7.81	7
2013/04/24	MF	MW1	19:02:32	B	18.9	12.7	0.18	21.37	31.02	88.17	6.51	12.97	7.84	20
2013/04/24	MF	MW1	19:03:36	M	10.1	288.0	0.30	21.44	30.64	88.83	6.57	12.07	7.84	13
2013/04/24	MF	MW1	19:04:39	T	1.2	111.7	0.57	21.51	29.96	89.11	6.60	6.27	7.83	5
2013/04/24	MF	MW1	19:07:15	B	19.0	170.2	0.09	21.39	30.92	88.09	6.51	12.37	7.84	19
2013/04/24	MF	MW1	19:08:24	M	10.3	201.2	0.35	21.45	30.63	88.66	6.55	9.57	7.83	13
2013/04/24	MF	MW1	19:09:22	T	1.2	305.2	0.26	21.53	29.40	87.28	6.49	5.27	7.81	4
2013/04/24	MF	MW1	19:11:06	B	18.6	106.6	0.05	21.38	30.96	87.54	6.46	12.87	7.84	18
2013/04/24	MF	MW1	19:12:01	M	10.6	181.6	0.18	21.44	30.88	88.50	6.54	11.37	7.84	14
2013/04/24	MF	MW1	19:13:10	T	1.1	342.7	0.08	21.55	29.29	86.05	6.40	5.27	7.81	5
2013/04/24	MF	THB1	17:31:37	B	3.0	156.2	0.34	21.11	25.00	95.99	7.11	5.07	7.85	6
2013/04/24	MF	THB1	17:32:25	T	1.0	174.5	0.70	23.19	24.80	96.48	7.15	4.77	7.84	3
2013/04/24	MF	THB1	17:33:12	B	2.9	162.7	0.26	23.09	25.03	95.27	7.06	6.37	7.83	6
2013/04/24	MF	THB1	17:34:01	T	1.1	174.5	0.70	23.19	24.89	95.95	7.11	5.47	7.83	2
2013/04/24	MF	THB1	17:35:01	B	2.8	197.2	0.29	22.99	25.17	94.64	7.02	5.47	7.83	6
2013/04/24	MF	THB1	17:36:01	T	0.9	174.5	0.70	23.24	24.65	96.12	7.12	3.97	7.83	4
2013/04/24	MF	THB2	16:48:16	M	1.1	40.0	0.05	23.28	26.92	105.33	7.70	4.01	7.65	7
2013/04/24	MF	THB2	16:49:18	M	1.2	40.0	0.05	23.21	26.91	105.39	7.71	3.91	7.65	7
2013/04/24	MF	THB2	16:50:14	M	1.1	40.0	0.05	23.16	26.77	104.88	7.69	3.81	7.66	6
2013/04/24	MF	WSR45C	18:01:21	B	11.9	179.3	0.39	21.49	28.87	89.05	6.64	11.97	7.85	15
2013/04/24	MF	WSR45C	18:02:17	M	6.7	170.9	0.59	21.59	28.51	89.53	6.68	10.17	7.84	14
2013/04/24	MF	WSR45C	18:03:17	T	1.3	89.1	0.20	22.46	26.82	94.55	7.02	6.17	7.84	6
2013/04/24	MF	WSR45C	18:06:06	B	11.7	124.8	0.27	21.46	28.95	88.39	6.59	12.17	7.84	15
2013/04/24	MF	WSR45C	18:07:01	M	6.5	188.9	0.62	21.51	28.70	88.86	6.63	10.07	7.84	13
2013/04/24	MF	WSR45C	18:08:02	T	1.2	183.4	0.81	22.27	27.10	93.38	6.94	6.97	7.85	5
2013/04/24	MF	WSR45C	18:09:07	B	11.7	151.8	0.37	21.46	28.97	88.34	6.59	13.07	7.85	15
2013/04/24	MF	WSR45C	18:10:04	M	6.6	139.8	0.66	21.48	28.82	88.62	6.61	9.57	7.85	13
2013/04/24	MF	WSR45C	18:11:10	T	1.2	183.4	0.81	22.26	27.10	93.03	6.92	6.67	7.85	6
2013/04/24	MF	WSR46	16:58:04	B	9.0	161.7	0.32	21.68	27.38	89.50	6.71	32.87	7.72	40
2013/04/24	MF	WSR46	16:59:06	M	5.1	195.1	0.66	22.14	26.35	90.48	6.77	7.77	7.72	10
2013/04/24	MF	WSR46	17:00:01	T	1.0	188.1	0.24	22.67	23.98	88.17	6.63	5.37	7.67	4
2013/04/24	MF	WSR46	17:02:09	B	8.9	124.3	0.44	22.67	27.44	90.03	6.75	35.27	7.77	42
2013/04/24	MF	WSR46	17:03:01	M	5.1	163.8	0.91	22.19	26.35	90.71	6.78	7.67	7.75	9
2013/04/24	MF	WSR46	17:04:03	T	1.0	162.1	0.64	22.73	23.85	88.10	6.62	5.37	7.69	4
2013/04/24	MF	WSR46	17:06:06	B	8.6	166.0	0.69	21.61	27.68	89.07	6.68	44.07	7.79	40
2013/04/24	MF	WSR46	17:07:00											

Impact Water Quality Monitoring for Dredging Activities at SB CMP 1

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)
2013/04/24	ME	DS1	10:35:03	B	3.7	90.7	0.81	21.67	27.49	90.19	6.76	8.30	7.67	20
2013/04/24	ME	DS1	10:36:36	M	3.1	84.6	0.55	21.75	27.17	90.50	6.79	11.00	7.69	19
2013/04/24	ME	DS1	10:37:36	T	1.0	68.3	1.16	21.88	26.68	90.91	6.82	8.60	7.69	13
2013/04/24	ME	DS1	10:38:33	B	3.9	68.4	0.32	21.72	27.25	90.22	6.77	8.90	7.69	19
2013/04/24	ME	DS1	10:39:25	M	3.0	103.1	0.35	21.78	27.03	90.63	6.80	11.00	7.70	19
2013/04/24	ME	DS1	10:40:18	T	1.1	324.4	0.28	21.85	26.59	90.64	6.81	8.20	7.71	14
2013/04/24	ME	DS1	10:41:10	B	3.8	72.6	0.76	21.73	27.23	90.34	6.78	9.10	7.71	21
2013/04/24	ME	DS1	10:42:20	M	2.8	149.4	0.22	21.79	26.99	90.96	6.82	13.00	7.72	18
2013/04/24	ME	DS1	10:43:27	T	1.2	350.6	0.22	21.82	26.75	90.37	6.79	8.70	7.73	14
2013/04/24	ME	DS2	10:55:42	B	5.3	117.2	0.84	21.82	26.91	90.78	6.81	11.30	7.77	11
2013/04/24	ME	DS2	10:56:10	M	3.6	82.7	0.21	21.86	26.73	91.29	6.85	10.70	7.77	11
2013/04/24	ME	DS2	10:57:24	T	1.0	101.8	0.61	22.00	26.18	90.90	6.83	7.30	7.77	9
2013/04/24	ME	DS2	10:59:19	B	5.3	85.1	0.45	21.85	26.83	90.92	6.82	9.80	7.78	11
2013/04/24	ME	DS2	11:00:10	M	3.4	220.2	0.31	21.90	26.59	91.20	6.85	8.40	7.78	11
2013/04/24	ME	DS2	11:01:09	T	1.0	39.3	0.94	21.96	26.36	91.03	6.83	6.80	7.78	10
2013/04/24	ME	DS2	11:02:49	B	5.1	13.3	0.41	21.82	26.98	91.05	6.83	8.60	7.78	11
2013/04/24	ME	DS2	11:03:33	M	3.5	91.6	0.51	21.84	26.72	90.75	6.81	10.60	7.78	11
2013/04/24	ME	DS2	11:04:23	T	0.8	72.3	1.03	22.05	26.46	91.57	6.86	10.70	7.79	11
2013/04/24	ME	DS3	11:10:26	B	4.1	317.6	0.16	21.86	26.80	91.72	6.88	9.00	7.81	11
2013/04/24	ME	DS3	11:11:26	M	3.0	274.4	0.10	22.44	26.44	93.04	6.97	7.40	7.81	12
2013/04/24	ME	DS3	11:12:17	T	1.2	100.5	0.28	22.17	26.33	94.56	7.07	5.80	7.82	9
2013/04/24	ME	DS3	11:13:08	B	3.9	42.0	0.86	22.00	26.56	92.35	6.92	7.10	7.81	11
2013/04/24	ME	DS3	11:14:09	M	3.0	98.7	0.73	22.08	26.37	92.67	6.94	7.20	7.81	12
2013/04/24	ME	DS3	11:15:22	T	1.0	70.0	0.63	22.14	26.25	92.68	6.94	6.30	7.80	6
2013/04/24	ME	DS3	11:16:20	B	3.9	107.6	0.37	21.98	26.55	92.18	6.91	8.00	7.80	11
2013/04/24	ME	DS3	11:17:20	M	3.0	71.3	0.62	22.16	26.32	94.41	7.06	5.90	7.82	13
2013/04/24	ME	DS3	11:18:09	T	1.1	55.8	0.60	22.28	26.26	94.11	7.03	5.40	7.82	9
2013/04/24	ME	DS4	11:24:13	B	3.0	64.7	0.49	21.96	26.62	93.17	6.98	8.20	7.83	11
2013/04/24	ME	DS4	11:25:14	T	1.1	173.2	0.25	22.15	26.49	94.08	7.03	6.30	7.83	6
2013/04/24	ME	DS4	11:26:28	B	3.0	61.3	0.55	21.94	26.74	93.19	6.98	7.80	7.82	12
2013/04/24	ME	DS4	11:27:52	T	0.8	84.0	0.74	22.15	26.49	93.91	7.02	5.90	7.82	7
2013/04/24	ME	DS4	11:28:48	B	3.2	53.3	0.82	22.04	26.52	94.02	7.04	6.20	7.81	11
2013/04/24	ME	DS4	11:30:00	T	1.1	0.6	0.41	21.82	26.46	94.33	7.06	6.00	7.82	6
2013/04/24	ME	DS5	11:35:42	B	2.2	1.2	0.47	21.93	27.18	93.08	6.96	6.10	7.82	11
2013/04/24	ME	DS5	11:37:06	T	1.1	193.3	0.46	21.90	27.25	91.78	6.86	8.10	7.80	10
2013/04/24	ME	DS5	11:38:19	B	2.1	124.3	0.40	21.82	27.37	91.18	6.82	9.50	7.79	11
2013/04/24	ME	DS5	11:39:12	T	1.0	93.6	0.60	21.92	27.27	91.50	6.84	8.30	7.79	10
2013/04/24	ME	DS5	11:40:07	B	2.0	119.7	0.40	21.98	27.20	91.91	6.86	7.70	7.78	12
2013/04/24	ME	DS5	11:41:20	T	0.9	346.8	0.33	22.10	27.08	92.42	6.89	7.30	7.79	11
2013/04/24	ME	US1	11:53:14	B	3.1	32.3	0.26	21.70	27.47	90.67	6.79	10.00	7.77	14
2013/04/24	ME	US1	12:00:14	T	1.1	56.5	0.51	21.92	27.10	91.09	6.81	7.90	7.76	12
2013/04/24	ME	US1	12:01:10	B	3.1	89.2	0.69	21.71	27.40	90.09	6.75	9.10	7.75	14
2013/04/24	ME	US1	12:02:20	T	1.1	91.6	0.45	21.95	27.04	91.01	6.81	7.50	7.76	12
2013/04/24	ME	US1	12:03:18	B	3.1	44.5	0.08	21.79	27.27	90.21	6.76	8.90	7.75	13
2013/04/24	ME	US1	12:04:26	T	1.0	220.4	0.12	21.99	27.00	91.03	6.80	7.40	7.75	13
2013/04/24	ME	US2	12:11:49	B	2.1	350.2	0.27	21.97	27.21	90.39	6.77	11.00	7.76	15
2013/04/24	ME	US2	12:12:59	T	1.2	130.7	0.55	22.01	27.08	91.31	6.82	8.70	7.76	12
2013/04/24	ME	US2	12:14:12	B	2.1	181.8	0.31	21.77	27.20	89.91	6.74	10.30	7.75	16
2013/04/24	ME	US2	12:15:13	T	1.1	115.0	0.48	22.03	27.08	90.73	6.77	8.70	7.76	11
2013/04/24	ME	US2	12:16:21	B	2.1	307.5	0.34	21.91	27.14	90.33	6.76	10.20	7.76	14
2013/04/24	ME	US2	12:17:26	T	1.0	71.2	0.23	22.07	27.07	90.85	6.78	8.30	7.76	12
2013/04/24	ME	MW1	11:08:45	B	18.7	89.8	0.33	21.26	30.70	88.06	6.53	6.57	7.86	17
2013/04/24	ME	MW1	11:09:40	M	9.9	161.8	0.40	21.24	30.80	88.56	6.56	6.07	7.87	11
2013/04/24	ME	MW1	11:10:42	T	1.0	172.2	0.30	21.56	29.35	91.47	6.80	4.17	7.86	7
2013/04/24	ME	MW1	11:13:16	B	18.8	131.1	0.42	21.24	30.81	87.99	6.52	8.07	7.88	16
2013/04/24	ME	MW1	11:14:09	M	10.1	151.7	0.65	21.27	30.59	88.80	6.59	5.37	7.88	12
2013/04/24	ME	MW1	11:15:04	T	1.1	172.2	0.30	21.40	29.84	90.61	6.73	4.27	7.89	7
2013/04/24	ME	MW1	11:16:19	B	18.6	115.4	0.34	21.25	30.73	88.21	6.54	5.87	7.89	14
2013/04/24	ME	MW1	11:17:16	M	9.2	162.9	0.59	21.29	30.47	89.12	6.61	5.27	7.90	11
2013/04/24	ME	MW1	11:18:17	T	1.1	172.2	0.30	21.41	29.84	90.53	6.73	4.87	7.90	8
2013/04/24	ME	THB1	12:43:15	B	2.9	136.2	0.27	22.14	27.37	95.31	7.09	11.17	7.88	8
2013/04/24	ME	THB1	12:44:02	T	0.9	162.1	0.25	22.68	26.78	97.13	7.18	4.17	7.85	6
2013/04/24	ME	THB1	12:45:01	B	2.9	136.2	0.27	22.13	27.39	95.02	7.07	12.27	7.86	8
2013/04/24	ME	THB1	12:46:02	T	1.1	197.7	0.61	22.59	26.72	96.75	7.17	4.17	7.84	5
2013/04/24	ME	THB1	12:47:02	B	2.9	127.7	0.27	22.40	27.40	95.04	7.07	10.77	7.85	7
2013/04/24	ME	THB1	12:48:03	T	1.0	228.4	0.11	22.67	26.68	96.86	7.17	4.37	7.84	6
2013/04/24	ME	THB2	12:40:08	M	1.3	40.0	0.05	22.05	26.77	97.95	7.24	3.71	7.71	6
2013/04/24	ME	THB2	12:41:13	M	1.3	40.0	0.05	22.59	26.66	97.57	7.23	3.71	7.69	6
2013/04/24	ME	THB2	12:42:13	M	1.3	40.0	0.05	22.60	26.70	97.62	7.23	3.71	7.69	7
2013/04/24	ME	WSR45C	12:11:06	B	11.4	125.3	0.51	21.71	27.47	90.13	6.75	16.67	7.82	27
2013/04/24	ME	WSR45C	12:12:04	M	6.7	122.5	0.59	21.76	27.20	90.23	6.77	13.47	7.80	22
2013/04/24	ME	WSR45C	12:13:16	T	1.1	167.4	0.51	21.98	26.49	91.55	6.86	6.67	7.79	8
2013/04/24	ME	WSR45C	12:15:27	B	12.2	159.4	0.49	21.74	27.37	90.46	6.78	17.17	7.81	25
2013/04/24	ME	WSR45C	12:16:18	M	6.4	172.0	0.44	21.89	26.97	90.57	6.78	11.87	7.79	22
2013/04/24	ME	WSR45C	12:17:06	T	1.0	167.4	0.51	21.97	26.45	91.68	6.88	6.87	7.79	8
2013/04/24	ME	WSR45C	12:18:18	B	12.1	120.4	0.30	21.77	27.35	90.08	6.75	14.97	7.80	26
2013/04/24	ME	WSR45C	12:19:26	M	6.5	172.0	0.44	21.93	26.83	90.69	6.79	6.97	7.80	22
2013/04/24	ME	WSR45C	12:20:11	T	1.0	167.4	0.51	21.99	26.43	91.50	6.86	7.27	7.80	9
2013/04/24	ME	WSR46	13:09:58	B	9.2	166.3	0.59	21.60	27.88	90.37	6.77	38.97	7.84	33
2013/04/24	ME	WSR46	13:11:09	M	5.3	134.2	0.78	21.67	27.04	89.07	6.70	13.37	7.80	14
2013/04/24	ME	WSR46	13:12:00	T	1.0	181.5	0.53	22.63	24.24	89.07	6.69	4.77	7.72	4
2013/04/24	ME	WSR46	13:14:18	B	8.8	161.0	0.46	21.60	27.87	90.20	6.76	33.77	7.82	33
2013/04/24	ME	WSR46	13:15:04	M	4.9	143.0	0.54	21.68	26.84	89.10	6.70	12.77	7.78	15
2013/04/24	ME	WSR46	13:16:01	T	0.9	152.7	0.77	22.74	24.20	89.61	6.72	4.77	7.72	5
2013/04/24	ME	WSR46	13:17:06	B	8.9	166.5	0.48	21.60	27.87	89.72	6.72	38.37	7.82	36
2013/04/24	ME	WSR46	13:18:16	M	4.7	1								