

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)
2013/05/20	MF	DS1	13:30:46	B	3.3	252.6	0.78	25.75	21.46	88.17	6.37	5.01	7.50	7
2013/05/20	MF	DS1	13:31:55	T	1.0	166.6	0.42	27.46	14.41	121.26	8.84	3.31	7.83	5
2013/05/20	MF	DS1	13:32:52	B	3.2	199.2	0.26	26.06	19.63	93.07	6.75	5.70	7.63	8
2013/05/20	MF	DS1	13:33:50	T	0.9	236.6	0.43	27.49	14.46	117.86	8.59	3.31	7.90	5
2013/05/20	MF	DS1	13:39:25	B	3.1	220.0	0.41	26.00	19.89	93.16	6.76	4.81	7.77	7
2013/05/20	MF	DS1	13:40:16	T	1.0	148.4	0.55	28.19	12.46	135.13	9.84	3.21	8.18	5
2013/05/20	MF	DS2	13:47:12	B	2.2	241.2	0.39	26.53	17.76	99.94	7.27	5.30	7.81	10
2013/05/20	MF	DS2	13:48:15	T	1.1	135.9	0.80	27.86	12.97	131.31	9.59	3.11	8.09	4
2013/05/20	MF	DS2	13:49:17	B	2.2	274.0	0.66	25.52	21.77	83.74	6.06	8.80	7.73	11
2013/05/20	MF	DS2	13:50:37	T	1.1	266.6	0.02	27.64	13.50	126.41	9.24	3.31	8.07	4
2013/05/20	MF	DS2	13:51:27	B	2.2	2.7	0.79	25.48	21.98	84.14	6.08	7.40	7.75	11
2013/05/20	MF	DS2	13:53:28	T	1.1	235.0	0.17	28.14	12.82	140.29	10.20	3.11	8.20	5
2013/05/20	MF	DS3	13:59:22	B	2.1	55.5	0.44	26.74	16.90	105.41	7.67	5.40	7.88	6
2013/05/20	MF	DS3	14:00:31	T	1.0	259.5	0.15	28.45	12.54	148.37	10.75	2.31	8.26	4
2013/05/20	MF	DS3	14:02:19	B	2.2	142.8	0.13	26.54	18.47	106.00	7.68	5.20	7.90	6
2013/05/20	MF	DS3	14:03:07	T	1.1	62.1	0.30	28.45	12.53	142.86	10.35	3.11	8.27	3
2013/05/20	MF	DS3	14:04:21	B	2.3	319.6	0.33	25.71	21.59	88.71	6.40	7.00	7.79	7
2013/05/20	MF	DS3	14:05:10	T	0.8	321.5	0.76	28.48	12.63	147.15	10.65	2.61	8.28	4
2013/05/20	MF	DS4	14:11:45	B	3.2	67.5	0.33	26.33	18.27	96.59	7.03	4.61	7.81	6
2013/05/20	MF	DS4	14:12:37	T	1.1	64.6	0.29	27.44	14.77	122.76	8.94	2.91	8.07	5
2013/05/20	MF	DS4	14:13:34	B	2.9	184.5	0.82	26.48	17.59	98.89	7.20	3.91	7.85	7
2013/05/20	MF	DS4	14:14:44	T	1.0	278.4	0.32	28.18	13.46	147.53	10.68	2.11	8.27	4
2013/05/20	MF	DS4	14:16:01	B	3.1	352.4	0.24	26.14	19.46	93.29	6.76	6.40	7.81	6
2013/05/20	MF	DS4	14:16:45	T	0.9	256.8	0.28	28.07	13.65	140.43	10.18	2.81	8.23	5
2013/05/20	MF	DS5	14:24:15	B	4.1	245.5	0.41	25.65	22.54	85.18	6.12	11.40	7.74	13
2013/05/20	MF	DS5	14:25:26	M	3.1	275.9	0.62	26.20	19.63	92.77	6.71	7.00	7.81	10
2013/05/20	MF	DS5	14:26:26	T	1.0	240.7	0.25	27.95	14.39	140.30	10.15	3.31	8.19	5
2013/05/20	MF	DS5	14:27:30	B	4.1	276.8	0.47	25.71	22.23	86.68	6.23	12.30	7.78	13
2013/05/20	MF	DS5	14:28:34	M	3.1	206.8	0.32	26.28	19.05	95.66	6.94	5.60	7.84	10
2013/05/20	MF	DS5	14:29:16	T	0.9	252.4	0.51	27.68	15.02	133.40	9.66	3.31	8.15	5
2013/05/20	MF	DS5	14:30:48	B	4.0	357.5	0.32	25.98	20.87	90.06	6.50	13.50	7.81	12
2013/05/20	MF	DS5	14:31:42	M	3.1	304.4	0.25	26.41	18.27	98.05	7.12	4.81	7.88	10
2013/05/20	MF	DS5	14:32:33	T	1.0	148.1	0.28	27.95	14.42	140.78	10.18	3.11	8.23	5
2013/05/20	MF	US1	15:04:45	B	4.0	244.1	0.38	25.68	21.70	87.31	6.30	2.71	7.73	5
2013/05/20	MF	US1	15:05:41	M	3.0	261.1	0.34	25.82	21.05	89.30	6.45	2.61	7.75	3
2013/05/20	MF	US1	15:06:40	T	1.0	192.0	0.37	27.61	14.47	127.02	9.23	2.81	8.07	2
2013/05/20	MF	US1	15:07:34	B	4.2	252.2	0.39	26.13	19.28	94.29	6.85	2.51	7.78	5
2013/05/20	MF	US1	15:08:18	M	3.0	180.0	0.07	26.49	18.05	101.37	7.36	2.61	7.84	3
2013/05/20	MF	US1	15:09:46	T	1.0	9.7	0.61	27.10	15.52	116.83	8.52	2.61	8.01	3
2013/05/20	MF	US1	15:10:35	B	4.1	351.1	0.16	25.83	20.89	90.29	6.53	2.71	7.79	4
2013/05/20	MF	US1	15:11:20	M	3.1	278.6	0.42	25.59	22.38	87.80	6.32	2.71	7.79	3
2013/05/20	MF	US1	15:12:07	T	1.0	314.3	0.11	27.81	13.89	127.70	9.28	2.91	8.17	2
2013/05/20	MF	US2	15:20:29	B	5.9	346.0	0.37	24.64	26.84	82.19	5.87	2.51	7.76	6
2013/05/20	MF	US2	15:22:06	M	4.0	211.8	0.38	25.28	23.85	89.17	6.40	2.11	7.79	4
2013/05/20	MF	US2	15:23:14	T	1.1	31.3	0.13	27.79	14.39	130.37	9.45	2.91	8.17	4
2013/05/20	MF	US2	15:24:13	B	6.2	243.4	0.03	24.58	27.41	86.58	6.16	2.21	7.82	6
2013/05/20	MF	US2	15:25:11	M	4.0	0.7	0.56	25.09	24.46	80.49	5.78	2.51	7.76	3
2013/05/20	MF	US2	15:26:25	T	1.0	350.2	1.24	27.82	14.09	128.06	9.30	2.61	8.18	3
2013/05/20	MF	US2	15:27:34	B	6.3	301.0	0.55	24.58	27.40	85.77	6.11	2.61	7.82	7
2013/05/20	MF	US2	15:28:16	M	3.9	61.3	0.16	25.39	24.23	86.47	6.18	2.21	7.80	4
2013/05/20	MF	US2	15:29:10	T	1.0	337.4	0.58	28.02	13.70	133.94	9.71	2.91	8.22	3
2013/05/20	MF	MW1	15:34:42	B	18.8	112.5	0.48	23.37	31.51	76.05	5.40	4.16	7.54	6
2013/05/20	MF	MW1	15:35:42	M	10.0	199.1	0.40	24.43	28.43	92.56	6.57	2.66	7.61	8
2013/05/20	MF	MW1	15:36:45	T	1.2	97.0	0.45	26.48	18.29	94.51	6.86	2.66	7.75	4
2013/05/20	MF	MW1	15:38:21	B	18.9	280.7	0.42	23.35	31.57	74.52	5.30	4.36	7.56	8
2013/05/20	MF	MW1	15:39:15	M	10.1	108.4	0.23	24.40	28.47	88.75	6.30	2.76	7.63	8
2013/05/20	MF	MW1	15:40:11	T	1.0	97.0	0.45	27.37	15.64	132.51	9.61	3.26	7.97	5
2013/05/20	MF	MW1	15:41:18	B	18.9	280.7	0.42	23.32	31.63	76.98	5.47	4.56	7.58	7
2013/05/20	MF	MW1	15:42:15	M	10.3	286.0	0.16	24.31	28.65	91.19	6.48	2.86	7.63	9
2013/05/20	MF	MW1	15:43:23	T	1.1	225.0	0.47	27.56	15.46	145.92	10.56	3.36	8.07	6
2013/05/20	MF	THB1	14:04:52	B	3.2	81.3	0.04	25.95	21.18	102.17	7.36	5.65	7.73	5
2013/05/20	MF	THB1	14:05:47	T	1.1	176.6	0.22	27.83	14.31	138.88	10.07	3.26	8.04	4
2013/05/20	MF	THB1	14:06:34	B	3.0	257.8	0.21	26.73	17.62	109.05	7.91	5.45	7.79	5
2013/05/20	MF	THB1	14:07:33	T	1.2	73.5	0.10	27.86	14.16	142.31	10.32	3.16	8.05	4
2013/05/20	MF	THB1	14:08:42	B	3.1	255.1	0.46	26.75	17.48	113.56	8.24	5.05	7.80	5
2013/05/20	MF	THB1	14:09:25	T	1.1	73.5	0.10	27.93	14.08	141.12	10.23	3.06	8.05	4
2013/05/20	MF	THB2	14:15:16	M	1.5	40.0	0.05	29.06	12.35	128.57	9.23	2.86	8.18	5
2013/05/20	MF	THB2	14:16:19	M	1.5	40.0	0.05	29.10	12.43	129.36	9.27	2.76	8.17	5
2013/05/20	MF	THB2	14:17:15	M	1.5	40.0	0.05	29.04	12.43	129.57	9.30	2.76	8.18	6
2013/05/20	MF	WSR45C	14:47:21	B	11.9	297.9	0.31	24.12	28.80	79.32	5.65	8.65	7.49	13
2013/05/20	MF	WSR45C	14:48:29	M	6.6	290.4	0.36	24.75	25.92	82.08	5.88	3.86	7.52	10
2013/05/20	MF	WSR45C	14:49:26	T	1.0	207.2	0.12	28.05	12.89	139.15	10.13	3.86	8.02	6
2013/05/20	MF	WSR45C	14:50:23	B	11.7	20.5	0.25	24.11	28.88	80.57	5.74	9.55	7.55	13
2013/05/20	MF	WSR45C	14:51:23	M	6.5	290.4	0.36	24.79	25.67	81.60	5.85	4.06	7.56	10
2013/05/20	MF	WSR45C	14:52:29	T	1.2	207.2	0.12	27.88	13.35	136.10	9.91	3.96	8.03	4
2013/05/20	MF	WSR45C	14:53:42	B	11.7	353.7	0.24	24.09	28.97	80.56	5.74	9.25	7.59	14
2013/05/20	MF	WSR45C	14:54:42	M	6.7	206.6	0.12	24.70	26.13	81.59	5.84	4.16	7.61	10
2013/05/20	MF	WSR45C	14:55:33	T	1.2	207.2	0.12	27.91	13.37	113.93	8.29	3.86	8.05	6
2013/05/20	MF	WSR46	13:31:41	B	8.6	305.1	0.53	24.22	28.29	76.63	5.47	5.75	7.51	6
2013/05/20	MF	WSR46	13:32:45	M	5.2	280.7	0.79	25.73	21.10	87.03	6.30	3.96	7.60	6
2013/05/20	MF	WSR46	13:33:52	T	1.1	188.9	0.67	27.45	14.90	124.23	9.04	4.56	7.86	4
2013/05/20	MF	WSR46	13:36:49	B	8.3	252.2	0.54	24.25	28.18	80.54	5.74	5.55	7.56	6
2013/05/20	MF	WSR46	13:37:54	M	5.0	297.9	0.60	25.84	20.65	92.79	6.72	4.06	7.67	5
2013/05/20	MF	WSR46	13:39:52	T	0.9	265.0	0.20	27.99	13.99	136.90	9.91	5.25	7.99	4
2013/05/20	MF	WSR46	13:40:55	B	9.1	233.7	0.39	24.36	27.74	78.42	5.60	5.05	7.65	7
2013/05/20	MF	WSR46	13:42:00	M										

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)
2013/05/20	ME	DS1	7:56:19	B	4.1	134.1	0.23	26.24	19.65	94.85	6.86	3.01	7.75	9
2013/05/20	ME	DS1	7:57:47	M	3.1	86.8	0.34	27.14	15.14	100.25	7.32	2.21	7.80	7
2013/05/20	ME	DS1	7:58:52	T	1.1	163.7	0.58	27.31	12.09	99.14	7.34	4.41	7.78	8
2013/05/20	ME	DS1	7:59:59	B	4.1	27.9	0.47	26.27	19.52	95.14	6.88	2.81	7.78	8
2013/05/20	ME	DS1	8:00:45	M	3.3	22.4	0.78	27.06	15.56	99.14	7.23	2.41	7.81	8
2013/05/20	ME	DS1	8:01:39	T	1.0	99.8	0.23	27.38	11.36	98.14	7.29	4.31	7.78	6
2013/05/20	ME	DS1	8:02:39	B	4.1	27.9	0.47	26.31	19.36	95.14	6.88	2.91	7.80	8
2013/05/20	ME	DS1	8:03:28	M	3.0	38.6	0.47	27.30	12.86	100.33	7.40	3.31	7.84	8
2013/05/20	ME	DS1	8:04:10	T	1.1	143.5	0.65	27.38	11.36	97.93	7.27	4.31	7.81	7
2013/05/20	ME	DS2	8:11:15	B	4.1	13.6	0.28	27.10	15.42	100.01	7.30	2.61	7.86	8
2013/05/20	ME	DS2	8:12:32	M	3.2	273.7	0.17	27.42	13.28	102.60	7.53	4.41	7.90	7
2013/05/20	ME	DS2	8:13:29	T	1.0	29.9	0.16	27.50	11.00	99.00	7.35	4.61	7.84	7
2013/05/20	ME	DS2	8:14:32	B	4.1	342.5	0.10	27.12	15.31	100.60	7.34	2.51	7.88	7
2013/05/20	ME	DS2	8:15:20	M	3.2	18.9	0.64	27.43	13.11	102.69	7.55	5.10	7.91	7
2013/05/20	ME	DS2	8:16:30	T	0.9	152.6	0.41	27.42	11.16	98.39	7.31	6.50	7.84	6
2013/05/20	ME	DS2	8:17:13	B	4.1	8.6	0.30	27.07	15.59	99.09	7.23	2.71	7.88	8
2013/05/20	ME	DS2	8:18:12	M	3.1	189.6	0.14	27.43	12.94	102.28	7.52	4.51	7.91	7
2013/05/20	ME	DS2	8:19:30	T	1.0	82.3	0.80	27.45	11.00	98.19	7.30	8.30	7.84	5
2013/05/20	ME	DS3	8:25:37	B	4.1	54.9	0.87	27.11	15.34	100.26	7.32	2.91	7.85	6
2013/05/20	ME	DS3	8:26:32	M	3.1	75.9	1.03	27.43	13.27	103.46	7.60	3.51	7.89	5
2013/05/20	ME	DS3	8:27:25	T	1.1	112.3	0.58	27.45	11.10	99.56	7.40	5.70	7.83	6
2013/05/20	ME	DS3	8:28:46	B	4.1	90.8	0.45	27.14	15.18	100.65	7.35	2.91	7.87	6
2013/05/20	ME	DS3	8:29:32	M	3.0	350.7	0.23	27.64	12.32	107.34	7.89	2.31	7.94	5
2013/05/20	ME	DS3	8:30:22	T	1.0	71.1	0.57	27.43	11.02	99.45	7.39	5.20	7.84	8
2013/05/20	ME	DS3	8:31:12	B	4.1	44.4	0.27	27.43	14.82	101.45	7.41	2.91	7.88	7
2013/05/20	ME	DS3	8:32:26	M	3.0	23.5	0.10	27.59	12.66	106.33	7.81	2.31	7.93	5
2013/05/20	ME	DS3	8:33:30	T	1.1	218.5	0.14	27.58	10.67	99.44	7.39	4.01	7.83	7
2013/05/20	ME	DS4	8:41:00	B	4.0	350.1	0.04	27.28	14.25	101.42	7.42	2.61	7.88	8
2013/05/20	ME	DS4	8:42:58	M	3.1	44.8	0.61	27.50	13.17	105.60	7.75	2.71	7.92	9
2013/05/20	ME	DS4	8:43:50	T	1.0	91.7	0.66	27.55	11.06	101.11	7.50	3.51	7.86	6
2013/05/20	ME	DS4	8:45:09	B	4.2	20.8	0.43	27.29	14.09	101.50	7.44	2.71	7.89	9
2013/05/20	ME	DS4	8:46:28	M	3.1	105.5	0.47	27.47	13.16	103.90	7.63	2.71	7.91	9
2013/05/20	ME	DS4	8:47:50	T	1.1	56.1	0.13	27.51	11.19	101.60	7.54	3.91	7.87	5
2013/05/20	ME	DS4	8:48:35	B	4.1	53.7	0.51	27.33	13.90	102.29	7.50	3.11	7.90	8
2013/05/20	ME	DS4	8:49:16	M	3.1	63.3	0.45	27.50	12.84	103.69	7.62	2.41	7.91	8
2013/05/20	ME	DS4	8:50:10	T	1.0	138.0	0.38	27.53	10.88	101.69	7.55	3.81	7.87	6
2013/05/20	ME	DS5	9:05:20	B	2.1	104.2	0.33	27.67	10.69	102.34	7.59	3.11	7.84	3
2013/05/20	ME	DS5	9:06:09	T	1.2	254.5	0.32	27.68	10.71	102.64	7.61	3.11	7.85	4
2013/05/20	ME	DS5	9:07:20	B	2.1	159.7	0.35	27.66	10.76	102.73	7.62	3.31	7.85	4
2013/05/20	ME	DS5	9:08:18	T	1.2	305.5	0.22	27.68	10.67	102.93	7.63	3.21	7.86	5
2013/05/20	ME	DS5	9:09:19	B	2.1	23.0	0.18	27.66	10.86	103.13	7.64	3.11	7.86	5
2013/05/20	ME	DS5	9:10:54	T	1.0	313.0	0.67	27.68	10.69	103.12	7.65	3.21	7.86	5
2013/05/20	ME	US1	9:27:04	B	3.2	72.0	0.18	27.17	15.23	101.78	7.42	1.91	7.83	4
2013/05/20	ME	US1	9:28:26	T	1.1	177.7	0.20	27.31	13.10	101.77	7.49	3.31	7.83	6
2013/05/20	ME	US1	9:29:29	B	3.0	95.5	0.35	27.18	15.25	101.67	7.41	2.11	7.85	4
2013/05/20	ME	US1	9:30:14	T	1.0	21.5	0.23	27.29	13.36	101.47	7.46	3.51	7.84	6
2013/05/20	ME	US1	9:31:10	B	3.2	260.4	0.40	27.14	15.43	100.97	7.36	2.01	7.84	5
2013/05/20	ME	US1	9:31:55	T	1.0	146.0	0.49	27.25	13.14	100.17	7.38	3.91	7.83	6
2013/05/20	ME	US2	9:38:58	B	3.1	272.1	0.65	26.31	19.13	94.67	6.86	7.10	7.82	11
2013/05/20	ME	US2	9:40:12	T	1.0	258.1	0.45	27.25	13.41	99.84	7.35	4.41	7.85	12
2013/05/20	ME	US2	9:41:22	B	2.9	103.6	0.50	26.23	19.60	94.16	6.81	7.30	7.82	10
2013/05/20	ME	US2	9:42:25	T	1.1	230.1	0.40	27.16	13.43	99.34	7.32	4.41	7.85	11
2013/05/20	ME	US2	9:43:25	B	3.1	173.3	0.27	26.25	19.47	93.96	6.80	5.20	7.82	11
2013/05/20	ME	US2	9:44:40	T	1.0	356.8	0.50	27.19	13.40	99.83	7.35	4.31	7.85	10
2013/05/20	ME	MW1	7:53:40	B	18.7	77.8	0.39	23.42	31.54	77.00	5.47	4.36	7.59	7
2013/05/20	ME	MW1	7:55:06	M	10.0	358.6	0.21	23.63	30.85	79.37	5.64	3.36	7.60	5
2013/05/20	ME	MW1	7:56:11	T	1.3	49.1	0.58	26.40	18.05	99.99	7.28	2.56	7.80	3
2013/05/20	ME	MW1	7:59:27	B	18.7	9.4	0.23	23.41	31.55	79.61	5.65	4.06	7.67	7
2013/05/20	ME	MW1	8:00:35	M	10.0	121.0	0.19	23.61	30.86	79.49	5.65	4.06	7.65	4
2013/05/20	ME	MW1	8:01:29	T	1.2	116.1	0.52	26.86	104.48	7.65	2.86	7.84	3	
2013/05/20	ME	MW1	8:03:37	B	18.9	9.4	0.23	23.42	31.52	78.55	5.58	4.46	7.68	6
2013/05/20	ME	MW1	8:04:33	M	10.0	80.7	0.33	23.62	30.83	80.63	5.73	3.96	7.69	5
2013/05/20	ME	MW1	8:05:54	T	1.3	93.7	0.19	26.62	16.71	103.30	7.54	2.86	7.88	3
2013/05/20	ME	THB1	9:32:09	B	2.9	357.9	0.24	27.24	14.52	111.53	8.16	4.56	7.91	3
2013/05/20	ME	THB1	9:33:03	T	1.2	107.0	0.27	27.64	12.77	118.18	8.67	4.16	7.92	2
2013/05/20	ME	THB1	9:33:57	B	2.9	175.3	0.11	27.30	14.32	115.22	8.43	4.46	7.88	4
2013/05/20	ME	THB1	9:34:49	T	1.1	222.1	1.03	27.53	12.93	119.22	8.75	2.96	7.92	2
2013/05/20	ME	THB1	9:36:35	B	3.5	202.5	0.12	26.94	14.93	100.18	7.35	4.66	7.79	3
2013/05/20	ME	THB1	9:37:16	T	1.0	279.8	0.17	27.73	12.39	118.38	8.69	3.66	7.93	2
2013/05/20	ME	THB2	9:42:27	M	1.3	40.0	0.05	28.51	13.97	101.89	7.32	3.36	8.00	4
2013/05/20	ME	THB2	9:43:23	M	1.3	40.0	0.05	28.50	14.01	101.19	7.26	3.46	8.01	4
2013/05/20	ME	THB2	9:44:14	M	1.3	40.0	0.05	28.47	13.95	100.50	7.22	3.56	8.00	4
2013/05/20	ME	WSR45C	8:59:11	B	11.9	355.8	0.11	23.84	30.00	81.33	5.78	5.45	7.61	5
2013/05/20	ME	WSR45C	9:00:05	M	6.4	75.5	0.24	24.12	28.84	83.29	5.93	3.76	7.61	6
2013/05/20	ME	WSR45C	9:01:39	T	0.9	55.9	0.89	27.48	10.54	91.93	6.85	4.96	7.79	5
2013/05/20	ME	WSR45C	9:03:19	B	11.8	305.6	0.26	23.86	29.91	80.19	5.70	4.36	7.66	5
2013/05/20	ME	WSR45C	9:04:13	M	6.3	67.2	0.23	24.13	28.21	83.23	5.93	3.76	7.65	6
2013/05/20	ME	WSR45C	9:05:03	T	1.0	55.9	0.89	27.47	10.68	92.96	6.92	4.76	7.80	5
2013/05/20	ME	WSR45C	9:06:22	B	11.8	181.6	0.11	23.86	29.92	79.94	5.68	4.26	7.66	5
2013/05/20	ME	WSR45C	9:07:20	M	6.6	82.4	0.20	24.02	29.27	82.69	5.88	3.06	7.68	7
2013/05/20	ME	WSR45C	9:08:34	T	1.2	60.3	0.82	27.49	10.68	93.99	6.99	4.66	7.85	5
2013/05/20	ME	WSR46	10:10:13	B	8.9	85.5	0.69	24.82	25.27	78.95	5.67	4.26	7.52	4
2013/05/20	ME	WSR46	10:11:01	M	5.0	105.5	0.17	24.97	24.44	81.38	5.86	4.46	7.51	5
2013/05/20	ME	WSR46	10:12:02	T	1.1	89.1	0.77	27.47	12.72	103.65	7.63	4.26	7.70	3
2013/05/20	ME	WSR46	10:13:30	B	8.8	123.6	0.33	24.85	25.21	78.23	5.62	4.16	7.55	4
2013/05/20	ME	WSR46	10:14:20	M	5.1	135.8	0.25	24.98	24.37	79.19	5.70	4.26	7.52	5
2013/05/20	ME	WSR46	10:15:23	T	1.3									