

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)
2013/06/20	MF	DS1	15:37:45	B	4.2	244.5	0.39	26.53	25.08	65.01	4.54	10.83	7.68	15
2013/06/20	MF	DS1	15:38:49	M	2.9	79.5	0.32	26.83	23.93	67.80	4.74	7.91	7.73	8
2013/06/20	MF	DS1	15:39:57	T	1.1	340.0	0.14	29.04	16.15	149.79	10.53	4.33	8.26	6
2013/06/20	MF	DS1	15:41:10	B	4.1	286.8	0.33	26.57	24.91	66.69	4.66	10.56	7.73	14
2013/06/20	MF	DS1	15:42:59	M	2.7	240.1	0.25	26.73	24.28	71.18	4.97	9.42	7.73	9
2013/06/20	MF	DS1	15:43:51	T	1.0	340.0	0.14	29.03	16.36	146.37	10.28	4.49	8.25	7
2013/06/20	MF	DS1	15:44:50	B	4.0	239.9	0.20	26.52	25.12	68.79	4.80	10.56	7.74	14
2013/06/20	MF	DS1	15:45:42	M	3.1	48.7	0.16	26.62	24.67	65.87	4.60	8.00	7.74	10
2013/06/20	MF	DS1	15:46:36	T	1.0	340.0	0.14	28.98	16.46	149.54	10.50	4.25	8.26	7
2013/06/20	MF	DS2	15:52:07	B	3.1	279.2	0.41	27.59	21.69	89.78	6.27	9.30	7.84	16
2013/06/20	MF	DS2	15:53:35	T	1.0	269.9	0.38	29.44	15.94	173.67	12.14	4.60	8.39	6
2013/06/20	MF	DS2	15:54:40	B	3.1	211.8	0.33	27.54	21.86	93.15	6.51	8.29	7.85	15
2013/06/20	MF	DS2	15:55:27	T	1.0	241.7	0.70	29.24	16.36	163.95	11.47	4.55	8.32	6
2013/06/20	MF	DS2	15:56:17	B	3.1	310.8	0.94	27.56	21.81	95.85	6.69	9.66	7.85	16
2013/06/20	MF	DS2	15:57:09	T	1.0	292.4	0.27	28.27	19.14	116.51	8.16	5.34	8.11	6
2013/06/20	MF	DS3	16:02:52	B	4.8	92.7	0.04	26.96	24.60	68.11	4.73	8.72	7.83	9
2013/06/20	MF	DS3	16:04:04	M	3.6	220.4	0.24	27.52	22.70	88.55	6.16	9.44	7.86	9
2013/06/20	MF	DS3	16:05:16	T	1.0	305.1	0.14	28.90	17.60	148.09	10.35	6.93	8.23	6
2013/06/20	MF	DS3	16:06:18	B	4.9	206.4	0.19	26.78	25.38	71.13	4.93	9.89	7.84	10
2013/06/20	MF	DS3	16:07:17	M	3.6	226.2	0.42	27.83	21.41	99.21	6.91	8.48	7.96	9
2013/06/20	MF	DS3	16:08:09	T	1.1	305.1	0.14	28.89	17.58	147.96	10.34	6.73	8.18	7
2013/06/20	MF	DS3	16:09:08	B	5.0	342.3	0.10	26.97	24.69	72.57	5.04	8.71	7.85	10
2013/06/20	MF	DS3	16:10:08	M	3.6	67.1	0.11	27.88	21.23	102.61	7.15	9.50	7.96	9
2013/06/20	MF	DS3	16:11:28	T	1.1	305.1	0.14	28.65	18.19	132.96	9.26	7.53	8.13	8
2013/06/20	MF	DS4	16:16:41	B	5.1	299.3	0.16	26.74	25.42	58.65	4.07	10.83	7.78	14
2013/06/20	MF	DS4	16:17:37	M	3.6	247.0	0.23	28.04	20.83	109.33	7.62	6.71	7.98	10
2013/06/20	MF	DS4	16:18:19	T	1.1	271.4	0.38	29.39	16.81	184.55	12.86	5.05	8.45	8
2013/06/20	MF	DS4	16:19:36	B	5.2	299.3	0.16	26.75	25.37	60.04	4.17	12.13	7.77	14
2013/06/20	MF	DS4	16:20:34	M	3.4	66.1	0.36	28.09	20.32	112.02	7.82	6.49	8.00	9
2013/06/20	MF	DS4	16:21:31	T	1.0	271.4	0.38	29.31	16.60	186.52	13.02	5.39	8.44	7
2013/06/20	MF	DS4	16:22:46	B	5.2	299.3	0.16	26.76	25.47	61.05	4.24	13.69	7.78	14
2013/06/20	MF	DS4	16:23:44	M	3.4	221.4	0.40	28.05	20.68	108.68	7.58	6.73	7.97	9
2013/06/20	MF	DS4	16:24:52	T	1.0	252.5	0.51	29.32	16.62	179.73	12.54	5.52	8.39	7
2013/06/20	MF	DS5	16:30:38	B	2.0	307.9	0.68	29.17	16.90	175.35	12.25	4.65	8.35	8
2013/06/20	MF	DS5	16:31:17	T	1.0	307.9	0.68	29.50	16.50	205.23	14.29	4.07	8.51	7
2013/06/20	MF	DS5	16:32:34	B	2.2	307.9	0.68	28.93	17.54	163.43	11.42	5.32	8.27	7
2013/06/20	MF	DS5	16:33:21	T	1.2	307.9	0.68	29.37	16.60	195.65	13.64	4.29	8.46	6
2013/06/20	MF	DS5	16:34:23	B	2.1	307.9	0.68	28.73	18.16	146.72	10.25	6.65	8.17	9
2013/06/20	MF	DS5	16:35:08	T	1.1	307.9	0.68	29.34	16.61	194.71	13.58	4.13	8.45	7
2013/06/20	MF	US1	17:27:58	B	6.1	281.9	0.24	26.75	24.27	69.14	4.83	6.75	7.73	9
2013/06/20	MF	US1	17:29:09	M	3.9	294.2	0.16	26.90	24.14	72.46	5.06	4.78	7.75	7
2013/06/20	MF	US1	17:30:10	T	1.2	303.6	0.78	29.47	15.52	163.17	12.83	3.95	8.46	5
2013/06/20	MF	US1	17:31:39	B	6.0	273.8	0.46	26.72	24.39	69.67	4.87	7.60	7.75	7
2013/06/20	MF	US1	17:32:25	M	4.2	249.0	0.35	26.74	24.31	68.82	4.81	8.24	7.75	6
2013/06/20	MF	US1	17:33:17	T	1.1	303.6	0.78	29.25	16.69	171.20	11.96	3.30	8.39	4
2013/06/20	MF	US1	17:34:14	B	6.1	241.8	0.25	26.72	24.40	71.71	5.01	8.07	7.75	8
2013/06/20	MF	US1	17:35:07	M	4.2	207.4	0.50	29.76	24.28	69.91	4.88	5.68	7.76	7
2013/06/20	MF	US1	17:36:10	T	1.1	303.6	0.78	29.46	15.89	186.81	13.06	3.59	8.45	5
2013/06/20	MF	US2	17:41:09	B	8.0	284.6	0.56	26.59	25.41	69.18	4.81	6.52	7.79	11
2013/06/20	MF	US2	17:42:10	M	5.1	289.5	0.14	26.69	24.95	68.74	4.79	4.93	7.79	10
2013/06/20	MF	US2	17:43:53	T	1.1	260.7	0.59	29.22	17.51	178.68	12.43	3.08	8.39	5
2013/06/20	MF	US2	17:45:03	B	8.0	210.8	0.39	26.57	25.46	69.75	4.85	7.60	7.78	11
2013/06/20	MF	US2	17:45:52	M	5.1	264.6	0.32	26.59	25.39	68.23	4.75	6.01	7.78	9
2013/06/20	MF	US2	17:46:44	T	1.2	231.6	0.76	28.10	20.50	112.79	7.86	2.52	8.03	7
2013/06/20	MF	US2	17:47:37	B	8.2	221.4	0.47	26.88	25.49	69.99	4.87	6.78	7.78	10
2013/06/20	MF	US2	17:49:00	M	5.1	315.0	0.04	26.59	25.37	66.85	4.65	6.52	7.78	10
2013/06/20	MF	US2	17:49:59	T	1.1	309.0	0.38	29.11	17.64	164.80	11.48	3.13	8.38	6
2013/06/20	MF	MW1	17:58:08	B	18.8	251.2	0.27	26.42	28.36	71.63	4.92	7.46	7.38	9
2013/06/20	MF	MW1	17:59:18	M	10.1	46.2	0.20	26.46	27.25	70.52	4.87	5.56	7.35	6
2013/06/20	MF	MW1	17:40:34	T	1.0	311.5	0.32	27.54	23.94	103.42	7.16	3.26	7.80	5
2013/06/20	MF	MW1	17:43:37	B	18.5	79.8	0.04	26.43	28.22	72.78	5.00	7.26	7.45	10
2013/06/20	MF	MW1	17:44:26	M	9.9	107.8	0.25	26.46	27.18	71.16	4.91	5.76	7.40	5
2013/06/20	MF	MW1	17:45:21	T	1.0	111.8	0.59	27.50	23.44	101.54	7.03	3.46	7.66	3
2013/06/20	MF	MW1	17:46:37	B	18.7	278.4	0.41	26.43	28.20	71.88	4.94	7.66	7.50	9
2013/06/20	MF	MW1	17:47:50	M	10.1	233.8	0.11	26.47	27.20	70.78	4.89	5.66	7.47	7
2013/06/20	MF	MW1	17:48:51	T	1.1	156.6	0.09	27.50	23.51	102.88	7.13	3.16	7.69	5
2013/06/20	MF	THB1	16:13:14	B	2.7	46.6	0.26	29.60	16.49	162.43	11.29	7.06	8.09	9
2013/06/20	MF	THB1	16:14:25	T	1.1	253.6	0.63	30.57	13.98	209.46	14.52	6.06	8.42	9
2013/06/20	MF	THB1	16:15:32	B	2.6	261.2	0.56	29.58	16.33	158.74	11.05	7.96	8.07	9
2013/06/20	MF	THB1	16:16:32	T	1.1	253.6	0.63	30.61	13.98	210.70	14.60	6.16	8.43	9
2013/06/20	MF	THB1	16:20:56	B	2.7	275.5	0.23	29.76	15.92	167.96	11.68	6.66	8.11	7
2013/06/20	MF	THB1	16:21:48	T	1.0	253.6	0.63	30.58	14.12	212.50	14.72	5.96	8.43	9
2013/06/20	MF	THB2	17:02:47	M	1.3	40.0	0.05	31.43	18.03	276.69	18.50	6.84	8.46	9
2013/06/20	MF	THB2	17:03:45	M	1.3	40.0	0.05	31.33	18.10	275.00	18.41	5.24	8.45	8
2013/06/20	MF	THB2	17:04:46	M	1.3	40.0	0.05	31.31	18.08	271.24	18.17	5.14	8.46	10
2013/06/20	MF	WSR45C	16:41:29	B	11.8	43.0	0.22	26.57	25.06	68.77	4.80	10.16	7.27	12
2013/06/20	MF	WSR45C	16:43:00	M	6.5	313.9	0.23	26.95	23.66	76.94	5.37	6.16	7.38	9
2013/06/20	MF	WSR45C	16:44:14	T	1.0	199.9	0.40	29.30	16.98	178.66	12.45	4.06	8.15	5
2013/06/20	MF	WSR45C	16:54:59	B	11.8	330.3	0.26	26.55	25.34	69.66	4.85	11.16	7.45	10
2013/06/20	MF	WSR45C	16:56:21	M	6.4	278.9	0.32	26.80	24.26	75.21	5.25	6.36	7.48	9
2013/06/20	MF	WSR45C	16:57:24	T	1.1	236.0	0.50	29.09	17.47	168.68	11.76	3.86	8.20	6
2013/06/20	MF	WSR45C	16:58:51	B	11.8	242.4	0.48	26.52	25.48	69.07	4.81	7.76	7.48	12
2013/06/20	MF	WSR45C	16:59:52	M	6.5	229.5	0.45	26.81	24.15	74.73	5.22	6.06	7.52	8
2013/06/20	MF	WSR45C	17:00:51	T	1.1	236.0	0.50	28.83	18.29	151.88	10.59	3.76	8.13	5
2013/06/20	MF	WSR46	15:38:45	B	8.8	310.7	0.72	26.48	25.64	66.81	4.65	5.66	7.21	71
2013/06/20														

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)
2013/06/20	ME	DS1	9:18:16	B	5.9	44.8	0.24	26.91	23.78	76.30	5.33	9.01	7.71	14
2013/06/20	ME	DS1	9:19:27	M	4.0	83.2	0.53	27.04	23.04	78.18	5.47	11.03	7.76	5
2013/06/20	ME	DS1	9:20:23	T	1.0	117.6	0.81	28.61	16.20	115.69	8.19	2.40	8.03	3
2013/06/20	ME	DS1	9:21:15	B	6.0	54.0	0.41	26.86	23.96	76.33	5.33	10.91	7.78	13
2013/06/20	ME	DS1	9:22:07	M	4.3	91.1	0.53	26.95	23.44	76.77	5.37	7.83	7.79	6
2013/06/20	ME	DS1	9:23:23	T	0.8	117.6	0.81	28.60	16.19	114.51	8.11	2.51	8.05	4
2013/06/20	ME	DS1	9:24:31	B	6.2	70.7	0.55	26.90	24.08	74.18	5.18	12.17	7.78	14
2013/06/20	ME	DS1	9:25:24	M	3.9	114.0	0.23	27.35	21.84	83.71	5.87	6.32	7.81	5
2013/06/20	ME	DS1	9:26:07	T	1.0	119.9	0.45	28.54	16.17	114.78	8.14	2.47	8.05	3
2013/06/20	ME	DS2	9:31:53	B	7.1	79.3	0.18	27.11	23.02	81.00	5.66	5.22	7.82	8
2013/06/20	ME	DS2	9:32:50	M	4.6	86.7	0.75	27.51	21.25	89.37	6.27	9.14	7.87	7
2013/06/20	ME	DS2	9:33:37	T	1.0	95.8	0.68	28.51	16.46	115.43	8.17	2.51	8.05	7
2013/06/20	ME	DS2	9:34:30	B	6.8	58.6	0.30	27.40	23.06	80.60	5.64	6.06	7.81	8
2013/06/20	ME	DS2	9:35:18	M	4.6	93.6	0.57	27.45	21.39	87.94	6.17	5.68	7.87	6
2013/06/20	ME	DS2	9:36:11	T	1.1	38.0	0.26	28.58	16.29	116.25	8.23	2.52	8.06	5
2013/06/20	ME	DS2	9:37:09	B	7.3	57.1	0.71	27.02	23.21	78.20	5.47	6.59	7.80	7
2013/06/20	ME	DS2	9:38:08	M	4.5	20.7	0.58	27.39	21.59	87.25	6.12	6.00	7.86	7
2013/06/20	ME	DS2	9:39:44	T	1.0	84.7	0.62	28.62	15.95	117.57	8.33	2.45	8.06	7
2013/06/20	ME	DS3	9:45:24	B	8.1	77.0	0.39	26.88	23.60	71.88	5.03	8.48	7.75	12
2013/06/20	ME	DS3	9:46:22	M	4.8	18.8	0.58	27.63	21.04	91.11	6.38	7.28	7.88	11
2013/06/20	ME	DS3	9:47:26	T	1.2	106.2	0.68	28.54	16.30	118.69	8.41	2.67	8.06	2
2013/06/20	ME	DS3	9:48:28	B	8.0	82.8	0.51	26.96	23.27	72.89	5.10	7.00	7.75	10
2013/06/20	ME	DS3	9:49:26	M	5.2	76.8	0.48	27.40	21.82	86.12	6.03	8.48	7.85	12
2013/06/20	ME	DS3	9:50:17	T	1.1	106.2	0.68	28.64	15.98	119.04	8.43	2.49	8.08	4
2013/06/20	ME	DS3	9:51:11	B	8.0	46.1	0.29	27.01	23.19	76.44	5.35	8.38	7.78	10
2013/06/20	ME	DS3	9:52:07	M	5.2	29.6	0.32	27.38	21.82	85.34	5.98	8.13	7.85	11
2013/06/20	ME	DS3	9:53:10	T	1.2	82.8	0.57	28.43	17.13	116.76	8.25	2.72	8.05	2
2013/06/20	ME	DS4	9:58:45	B	8.3	37.7	0.55	27.41	21.87	86.03	6.02	11.82	7.83	13
2013/06/20	ME	DS4	9:59:31	M	5.1	54.8	0.39	27.86	20.12	97.71	6.85	9.35	7.91	10
2013/06/20	ME	DS4	10:00:13	T	1.2	91.7	0.59	28.77	15.76	122.02	8.64	2.70	8.11	2
2013/06/20	ME	DS4	10:01:18	B	8.1	23.2	0.38	27.49	21.61	88.12	6.17	9.16	7.84	12
2013/06/20	ME	DS4	10:02:10	M	5.2	38.2	0.43	27.84	20.17	97.37	6.83	8.25	7.91	11
2013/06/20	ME	DS4	10:03:11	T	1.1	91.7	0.59	28.60	16.52	122.24	8.64	3.42	8.09	4
2013/06/20	ME	DS4	10:04:08	B	8.3	40.8	0.59	27.46	21.72	88.83	6.22	10.15	7.84	11
2013/06/20	ME	DS4	10:05:26	M	5.2	351.6	0.54	27.82	20.31	97.61	6.84	7.85	7.91	9
2013/06/20	ME	DS4	10:06:13	T	1.5	69.0	0.49	28.84	15.99	124.65	8.80	2.52	8.13	2
2013/06/20	ME	DS5	10:11:50	B	5.1	61.1	0.53	28.76	17.79	138.61	9.70	4.04	8.17	14
2013/06/20	ME	DS5	10:12:49	M	3.6	69.3	0.43	28.77	17.09	131.55	9.24	3.81	8.13	3
2013/06/20	ME	DS5	10:14:02	T	1.1	68.1	0.38	29.21	14.75	130.89	9.25	2.49	8.16	3
2013/06/20	ME	DS5	10:15:35	B	5.0	4.2	0.56	28.79	17.47	138.41	9.70	5.80	8.17	16
2013/06/20	ME	DS5	10:16:29	M	3.4	31.5	0.75	28.75	17.03	133.22	9.36	3.61	8.14	5
2013/06/20	ME	DS5	10:17:12	T	1.0	99.2	0.35	29.19	14.98	131.14	9.26	2.55	8.16	4
2013/06/20	ME	DS5	10:18:35	B	5.4	57.1	0.36	28.79	17.52	137.71	9.65	4.77	8.16	15
2013/06/20	ME	DS5	10:19:11	M	3.4	64.8	0.40	28.83	16.98	134.41	9.44	3.58	8.15	4
2013/06/20	ME	DS5	10:20:11	T	1.2	58.2	0.46	29.34	14.61	132.13	9.32	2.43	8.18	3
2013/06/20	ME	US1	10:52:34	B	5.2	101.9	0.23	27.71	21.02	91.06	6.37	5.78	7.90	5
2013/06/20	ME	US1	10:53:22	M	3.5	62.7	0.34	28.39	18.86	117.04	8.19	3.65	8.04	3
2013/06/20	ME	US1	10:54:07	T	1.1	99.6	0.38	28.52	17.42	114.48	8.06	3.54	8.03	3
2013/06/20	ME	US1	10:55:08	B	5.1	49.4	0.23	27.30	22.17	82.96	5.81	9.07	7.81	5
2013/06/20	ME	US1	10:56:38	M	3.8	54.0	0.44	28.49	18.83	123.60	8.64	2.74	8.06	3
2013/06/20	ME	US1	10:57:29	T	1.2	99.6	0.38	28.39	17.98	114.09	8.03	3.89	8.02	3
2013/06/20	ME	US1	10:58:11	B	5.2	157.2	0.02	27.73	20.97	96.92	6.78	7.47	7.90	6
2013/06/20	ME	US1	10:59:10	M	3.4	92.9	0.04	28.38	18.72	117.76	8.25	3.86	8.04	4
2013/06/20	ME	US1	11:00:08	T	1.1	99.6	0.38	28.61	17.21	115.02	8.10	3.51	8.04	2
2013/06/20	ME	US2	11:05:19	B	5.2	157.2	0.02	26.63	24.57	64.93	4.54	7.02	7.73	8
2013/06/20	ME	US2	11:06:15	M	3.5	327.9	0.20	27.94	20.15	102.02	7.15	5.11	7.93	4
2013/06/20	ME	US2	11:07:08	T	1.1	2.3	0.33	28.98	18.09	135.59	9.45	4.65	8.16	5
2013/06/20	ME	US2	11:08:08	B	5.2	301.9	0.24	26.80	24.30	71.07	4.96	6.91	7.76	6
2013/06/20	ME	US2	11:09:08	M	3.5	327.9	0.20	28.26	19.15	114.50	8.02	4.26	8.03	5
2013/06/20	ME	US2	11:10:07	T	1.3	2.3	0.33	28.75	18.05	135.92	9.47	4.60	8.16	5
2013/06/20	ME	US2	11:11:32	B	5.2	356.4	0.27	26.72	24.40	65.00	4.54	9.50	7.74	8
2013/06/20	ME	US2	11:12:10	M	3.5	327.9	0.20	28.29	19.10	115.54	8.09	3.89	8.06	5
2013/06/20	ME	US2	11:13:07	T	1.0	2.3	0.33	29.05	17.96	140.91	9.81	4.73	8.19	6
2013/06/20	ME	MW1	9:15:32	B	18.6	8.3	0.25	26.40	27.11	70.40	4.87	3.16	7.06	5
2013/06/20	ME	MW1	9:16:48	M	10.0	288.7	0.32	27.02	24.41	83.93	5.83	1.86	7.22	3
2013/06/20	ME	MW1	9:18:08	T	1.1	61.2	1.23	27.61	21.80	97.76	6.82	1.56	7.40	3
2013/06/20	ME	MW1	9:20:37	B	18.9	46.4	0.55	26.45	26.93	71.35	4.94	2.26	7.27	5
2013/06/20	ME	MW1	9:21:53	M	10.0	309.8	0.45	27.44	23.10	87.07	6.07	2.16	7.44	3
2013/06/20	ME	MW1	9:22:56	T	0.9	61.2	1.23	27.68	21.52	98.10	6.85	1.66	7.57	2
2013/06/20	ME	MW1	9:24:20	B	18.7	249.9	0.20	26.42	27.04	71.12	4.92	2.66	7.36	6
2013/06/20	ME	MW1	9:25:21	M	10.0	18.5	0.46	27.20	23.57	87.33	6.08	1.96	7.52	4
2013/06/20	ME	MW1	9:26:10	T	1.1	61.2	1.23	27.75	21.25	100.15	6.99	1.66	7.66	2
2013/06/20	ME	THB1	10:43:54	B	3.0	336.0	0.21	27.43	21.69	85.44	5.98	6.36	7.55	7
2013/06/20	ME	THB1	10:44:55	T	0.9	136.0	0.61	28.99	18.74	147.31	10.22	3.26	8.07	5
2013/06/20	ME	THB1	10:46:38	B	2.9	44.1	0.05	27.74	21.08	89.75	6.27	6.16	7.62	6
2013/06/20	ME	THB1	10:47:59	T	1.0	138.0	0.61	29.40	17.98	171.59	11.87	2.86	8.22	5
2013/06/20	ME	THB1	10:49:16	B	2.8	326.2	0.12	27.50	21.57	84.60	5.92	7.36	7.54	5
2013/06/20	ME	THB1	10:50:26	T	1.1	138.0	0.61	29.46	17.88	171.44	11.85	3.36	8.22	4
2013/06/20	ME	THB2	10:56:11	M	1.5	40.0	0.05	29.75	18.88	123.51	8.45	4.25	7.88	6
2013/06/20	ME	THB2	10:57:13	M	1.5	40.0	0.05	29.81	18.92	125.51	8.58	4.55	7.90	5
2013/06/20	ME	THB2	10:58:12	M	1.5	40.0	0.05	29.81	18.89	129.48	8.85	4.15	7.90	6
2013/06/20	ME	WSR45C	10:11:13	B	11.9	52.3	0.41	26.19	26.81	63.21	4.39	14.06	7.33	18
2013/06/20	ME	WSR45C	10:12:24	M	6.4	16.7	0.60	28.07	19.49	106.92	7.50	4.96	7.72	8
2013/06/20	ME	WSR45C	10:13:21	T	1.0	49.7	1.21	29.28	13.43	130.75	9.29	3.16	8.04	4
2013/06/20	ME	WSR45C	10:15:42	B	11.9	357.4	0.55	26.20	26.63	64.17	4.46	14.06	7.32	17
2013/06/20	ME	WSR45C	10:16:57	M	6.5	16.3	0.71	28.09	19.42	106.67	7.48	5.26	7.71	9
2013/06/20	ME	WSR4												