

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)
2013/08/23	MF	DS1	7:00:38	B	1.9	232.7	0.20	28.03	13.30	68.30	4.96	11.80	7.42	18
2013/08/23	MF	DS1	7:02:03	T	0.7	358.5	0.08	28.03	13.29	68.40	4.97	13.80	7.43	14
2013/08/23	MF	DS1	7:03:10	B	1.8	6.8	0.70	28.03	13.27	68.50	4.98	16.50	7.43	17
2013/08/23	MF	DS1	7:04:07	T	1.0	1.7	0.47	28.03	13.27	68.50	4.98	16.20	7.43	15
2013/08/23	MF	DS1	7:05:11	B	1.8	295.2	0.19	28.02	13.26	68.90	5.01	15.20	7.44	17
2013/08/23	MF	DS1	7:06:08	T	1.0	305.9	0.64	28.01	13.25	68.90	5.01	14.10	7.44	14
2013/08/23	MF	DS2	7:12:58	B	4.1	290.1	0.38	28.17	13.74	73.40	5.31	6.10	7.49	7
2013/08/23	MF	DS2	7:13:52	M	2.7	232.5	0.44	28.17	13.74	72.50	5.24	6.10	7.48	6
2013/08/23	MF	DS2	7:14:45	T	1.1	81.7	0.57	28.12	13.66	71.00	5.14	5.80	7.47	6
2013/08/23	MF	DS2	7:16:11	B	3.8	241.5	0.52	28.15	13.74	71.10	5.14	6.10	7.48	6
2013/08/23	MF	DS2	7:17:35	M	2.9	235.2	0.22	28.08	13.50	68.30	4.95	6.10	7.45	5
2013/08/23	MF	DS2	7:18:50	T	1.2	6.1	0.50	28.04	13.41	68.50	4.98	6.00	7.45	6
2013/08/23	MF	DS2	7:20:47	B	3.9	249.7	0.48	28.07	13.32	68.00	4.94	6.30	7.44	8
2013/08/23	MF	DS2	7:21:32	M	3.0	61.8	0.26	28.00	13.31	68.70	4.99	6.10	7.45	6
2013/08/23	MF	DS2	7:22:19	T	1.0	2.8	0.56	28.00	13.23	68.50	4.98	6.20	7.44	5
2013/08/23	MF	DS3	7:28:24	B	4.9	244.6	0.51	28.17	14.19	69.90	5.04	10.20	7.48	9
2013/08/23	MF	DS3	7:29:14	M	3.4	226.9	0.34	28.19	13.73	73.00	5.27	6.10	7.49	5
2013/08/23	MF	DS3	7:30:22	T	1.1	343.1	0.63	28.20	13.69	73.20	5.29	6.10	7.49	5
2013/08/23	MF	DS3	7:31:25	B	4.9	227.0	0.37	28.16	13.96	68.10	4.92	9.10	7.49	8
2013/08/23	MF	DS3	7:32:48	M	3.6	282.8	0.29	28.15	13.74	72.00	5.21	5.90	7.49	6
2013/08/23	MF	DS3	7:33:52	T	1.2	223.5	0.46	28.14	13.72	71.50	5.17	5.80	7.48	5
2013/08/23	MF	DS3	7:34:49	B	4.9	349.7	0.30	28.13	13.95	69.10	5.00	7.60	7.49	8
2013/08/23	MF	DS3	7:35:48	M	3.7	304.0	0.45	28.05	13.49	69.80	5.07	6.00	7.47	5
2013/08/23	MF	DS3	7:36:36	T	1.0	190.7	0.24	28.03	13.42	69.00	5.07	6.10	7.46	6
2013/08/23	MF	DS4	7:44:18	B	5.2	257.6	0.34	28.09	15.89	69.20	4.23	15.40	7.47	12
2013/08/23	MF	DS4	7:45:19	M	3.5	230.3	0.39	28.19	13.94	71.70	5.17	8.10	7.50	8
2013/08/23	MF	DS4	7:46:07	T	1.2	242.9	0.61	28.17	13.87	73.20	5.29	5.90	7.50	6
2013/08/23	MF	DS4	7:50:08	B	4.8	230.9	0.18	28.09	15.73	67.10	4.09	15.20	7.47	11
2013/08/23	MF	DS4	7:51:14	M	3.4	263.5	0.42	28.17	13.94	71.80	5.19	6.20	7.50	6
2013/08/23	MF	DS4	7:52:08	T	1.1	47.5	0.72	28.18	13.77	73.00	5.28	6.00	7.50	6
2013/08/23	MF	DS4	7:53:37	B	5.1	250.9	0.14	28.07	16.03	55.70	3.98	17.70	7.47	11
2013/08/23	MF	DS4	7:54:27	M	3.7	291.5	0.41	28.19	13.90	71.10	5.13	6.50	7.50	6
2013/08/23	MF	DS4	7:55:25	T	0.8	129.4	0.06	28.18	13.82	72.70	5.26	6.30	7.50	5
2013/08/23	MF	DS5	8:04:42	B	5.0	170.4	0.16	28.08	15.95	56.10	4.01	15.30	7.47	16
2013/08/23	MF	DS5	8:05:18	M	3.7	303.7	0.14	28.11	15.29	60.00	4.31	11.30	7.48	12
2013/08/23	MF	DS5	8:06:07	T	1.1	333.2	0.46	28.14	13.88	72.60	5.25	6.00	7.50	5
2013/08/23	MF	DS5	8:07:08	B	5.8	244.2	0.10	28.10	16.12	55.00	3.93	15.10	7.47	16
2013/08/23	MF	DS5	8:08:26	M	3.8	249.9	0.36	28.07	13.87	67.40	4.87	7.30	7.50	14
2013/08/23	MF	DS5	8:09:13	T	0.8	298.6	0.29	28.14	13.82	73.60	5.32	5.90	7.51	6
2013/08/23	MF	DS5	8:10:56	B	5.5	233.1	0.27	28.07	16.09	55.10	3.94	14.10	7.48	16
2013/08/23	MF	DS6	8:11:44	M	3.8	225.0	0.11	28.10	15.59	63.30	4.54	10.40	7.49	12
2013/08/23	MF	DS6	8:12:34	T	0.8	291.2	0.15	28.06	13.67	70.20	5.23	5.80	7.49	8
2013/08/23	MF	US1	8:31:47	B	4.8	226.5	0.63	28.16	18.21	56.00	3.99	15.80	7.57	18
2013/08/23	MF	US1	8:32:36	M	3.2	214.6	0.71	27.69	13.11	55.80	3.97	12.80	7.57	17
2013/08/23	MF	US1	8:33:16	T	1.1	10.8	0.69	27.93	18.45	65.00	4.72	5.80	7.46	8
2013/08/23	MF	US1	8:34:31	B	3.9	204.5	0.28	27.68	18.28	55.20	3.92	13.80	7.58	19
2013/08/23	MF	US1	8:35:42	M	3.3	205.9	0.28	27.68	18.26	55.00	3.91	13.70	7.58	16
2013/08/23	MF	US1	8:36:34	T	1.3	25.5	0.15	27.93	13.53	63.80	4.64	5.80	7.46	7
2013/08/23	MF	US1	8:37:23	B	4.8	230.9	0.10	27.67	18.56	54.90	3.89	15.40	7.58	19
2013/08/23	MF	US1	8:38:22	M	3.6	247.5	0.35	27.68	18.38	54.60	3.88	14.70	7.58	16
2013/08/23	MF	US1	8:39:28	T	1.1	257.0	0.42	27.85	14.63	59.50	4.30	7.20	7.53	6
2013/08/23	MF	US2	9:05:33	B	7.8	273.4	0.49	27.46	20.39	55.70	3.93	10.60	7.63	11
2013/08/23	MF	US2	9:06:22	M	4.8	288.1	0.56	27.66	18.34	58.30	4.15	7.50	7.58	12
2013/08/23	MF	US2	9:07:13	T	1.1	29.7	0.67	27.88	13.31	66.90	4.87	5.50	7.46	4
2013/08/23	MF	US2	9:08:07	B	7.9	261.6	0.27	27.53	20.84	57.20	4.03	8.50	7.65	11
2013/08/23	MF	US2	9:09:08	M	5.2	255.2	0.57	27.53	19.34	56.40	3.99	9.00	7.61	10
2013/08/23	MF	US2	9:10:18	T	1.2	43.2	0.35	27.88	13.32	66.80	4.87	5.50	7.46	5
2013/08/23	MF	US2	9:11:23	B	8.1	246.3	0.81	27.34	20.80	58.60	4.13	6.90	7.66	11
2013/08/23	MF	US2	9:12:12	M	5.2	267.5	0.82	27.56	18.27	61.80	4.40	5.50	7.61	12
2013/08/23	MF	US2	9:13:00	T	1.0	217.0	0.08	27.88	13.27	66.90	4.87	5.50	7.46	5
2013/08/23	MF	MW1	8:44:35	B	19.1	257.1	0.29	26.66	26.77	58.30	4.02	10.60	7.89	15
2013/08/23	MF	MW1	8:45:29	M	10.6	211.0	0.17	26.43	20.48	59.00	4.17	6.20	7.83	9
2013/08/23	MF	MW1	8:46:14	T	1.0	164.9	0.25	26.01	12.38	64.30	4.70	4.90	7.58	6
2013/08/23	MF	MW1	8:47:49	B	17.9	86.1	0.25	26.60	27.30	57.40	3.95	13.70	7.94	15
2013/08/23	MF	MW1	8:48:39	M	10.5	134.3	0.44	27.34	20.75	58.60	4.13	6.00	7.85	8
2013/08/23	MF	MW1	8:49:34	T	0.9	335.9	0.13	26.00	12.54	64.50	4.71	5.20	7.61	7
2013/08/23	MF	MW1	8:50:54	B	18.5	47.2	0.26	26.64	27.06	57.40	3.95	9.70	7.95	16
2013/08/23	MF	MW1	8:51:49	M	10.2	247.3	0.15	26.31	20.89	58.50	4.12	5.80	7.87	8
2013/08/23	MF	MW1	8:52:49	T	1.0	322.9	0.17	27.99	12.43	64.80	4.73	4.80	7.61	7
2013/08/23	MF	THB1	8:08:49	B	3.0	255.2	0.54	27.90	14.04	68.00	4.93	16.80	7.61	24
2013/08/23	MF	THB1	8:09:44	T	1.0	262.0	0.49	27.92	14.41	62.80	4.54	15.90	7.61	20
2013/08/23	MF	THB1	8:10:39	B	3.0	185.9	0.12	27.91	14.07	63.00	4.56	16.70	7.61	25
2013/08/23	MF	THB1	8:11:24	T	1.0	273.2	0.83	27.86	13.30	69.20	5.04	11.90	7.61	22
2013/08/23	MF	THB1	8:12:14	B	3.0	231.0	0.32	27.93	14.51	61.80	4.47	16.00	7.61	24
2013/08/23	MF	THB1	8:13:09	T	1.1	219.8	0.51	27.86	13.24	69.20	5.04	10.90	7.60	22
2013/08/23	MF	THB2	7:10:14	M	1.4	40.0	0.03	28.25	9.36	68.00	5.03	10.20	7.14	12
2013/08/23	MF	THB2	7:11:14	M	1.4	40.0	0.03	28.14	8.58	69.40	5.17	10.60	7.18	11
2013/08/23	MF	THB2	7:12:15	M	1.4	40.0	0.03	28.30	9.81	65.30	4.82	10.20	7.15	11
2013/08/23	MF	WSR45C	7:35:09	B	12.0	302.7	0.41	27.13	23.37	53.70	3.75	93.40	7.84	20
2013/08/23	MF	WSR45C	7:36:04	M	7.1	248.7	0.76	27.50	19.47	56.40	4.00	23.60	7.78	20
2013/08/23	MF	WSR45C	7:36:59	T	1.1	245.7	0.96	27.89	13.04	65.70	4.79	5.50	7.60	8
2013/08/23	MF	WSR45C	7:38:04	B	12.0	172.7	0.09	27.11	23.46	56.80	3.96	57.30	7.84	20
2013/08/23	MF	WSR45C	7:38:59	M	6.9	240.1	0.22	27.36	21.17	54.80	3.86	33.70	7.81	19
2013/08/23	MF	WSR45C	7:39:59	T	1.0	245.7	0.96	27.89	13.03	65.50	4.78	5.80	7.60	8
2013/08/23	MF	WSR45C	7:43:19	B	12.0	181.4	0.45	27.43	23.05	57.30	4.00	43.40	7.85	22
2013/08/23	MF	WSR45C	7:44:04	M	6.9	236.9	0.48	27.40	20.71	56.60	3.99	12.20	7.81	20

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)
2013/08/23	ME	DS1	12:58:36	B	5.2	97.5	0.09	27.76	15.42	65.20	4.71	13.00	7.45	17
2013/08/23	ME	DS1	12:59:23	M	3.4	136.7	0.37	27.82	13.37	68.60	5.00	9.50	7.43	13
2013/08/23	ME	DS1	13:00:20	T	0.9	121.2	0.25	27.83	12.52	69.80	5.11	7.80	7.42	10
2013/08/23	ME	DS1	13:01:11	B	5.3	296.6	0.03	27.73	15.93	64.10	4.61	13.30	7.51	18
2013/08/23	ME	DS1	13:02:09	M	3.6	351.9	0.27	27.83	13.40	69.10	5.03	9.80	7.47	13
2013/08/23	ME	DS1	13:03:07	T	1.0	131.6	0.27	27.83	12.59	69.30	5.07	7.50	7.44	9
2013/08/23	ME	DS1	13:03:51	B	5.3	135.0	0.16	27.70	16.41	63.40	4.55	13.80	7.52	16
2013/08/23	ME	DS1	13:05:02	M	3.5	129.1	0.51	27.84	13.67	69.20	5.03	10.40	7.48	14
2013/08/23	ME	DS1	13:06:09	T	0.9	141.2	0.17	27.84	12.70	69.80	5.10	7.60	7.46	9
2013/08/23	ME	DS2	13:16:13	B	15.2	196.9	0.12	27.04	24.34	50.30	3.50	12.70	7.66	15
2013/08/23	ME	DS2	13:17:21	M	8.6	21.0	0.43	27.50	19.37	57.40	4.07	13.60	7.60	14
2013/08/23	ME	DS2	13:18:18	T	1.1	111.5	0.22	27.81	12.87	67.80	4.95	7.40	7.49	9
2013/08/23	ME	DS2	13:20:14	B	15.2	8.2	0.21	27.05	24.23	50.50	3.51	11.50	7.67	15
2013/08/23	ME	DS2	13:21:34	M	9.0	11.8	0.23	27.25	21.98	54.30	3.81	11.60	7.66	15
2013/08/23	ME	DS2	13:22:25	T	0.9	80.7	0.42	27.84	12.45	69.40	5.08	7.00	7.47	8
2013/08/23	ME	DS2	13:23:28	B	15.3	31.8	0.29	27.06	24.33	50.00	3.47	12.60	7.67	14
2013/08/23	ME	DS2	13:24:24	M	8.7	69.1	0.62	27.39	20.11	56.60	4.00	11.50	7.63	16
2013/08/23	ME	DS2	13:25:56	T	1.1	78.5	0.45	27.83	12.77	68.70	5.02	7.00	7.48	8
2013/08/23	ME	DS3	13:33:36	B	7.8	67.1	0.40	27.72	15.82	62.60	4.51	16.40	7.53	11
2013/08/23	ME	DS3	13:34:21	M	4.6	93.7	0.81	27.80	14.71	63.00	4.56	7.10	7.50	8
2013/08/23	ME	DS3	13:35:14	T	1.0	53.3	0.98	27.86	12.40	70.30	5.15	6.80	7.47	7
2013/08/23	ME	DS3	13:36:18	B	8.2	106.9	0.36	27.70	15.97	62.60	4.51	24.60	7.53	10
2013/08/23	ME	DS3	13:37:07	M	4.9	111.1	0.72	27.77	14.64	63.40	4.60	7.00	7.50	9
2013/08/23	ME	DS3	13:38:18	T	1.0	119.1	0.64	27.86	12.45	69.90	5.11	6.90	7.46	6
2013/08/23	ME	DS3	13:39:58	B	8.6	90.9	0.54	27.70	16.19	61.60	4.43	20.30	7.54	10
2013/08/23	ME	DS3	13:40:46	M	5.1	89.7	0.84	27.78	14.18	63.60	4.62	7.50	7.49	9
2013/08/23	ME	DS3	13:41:35	T	1.2	265.6	0.23	27.86	12.48	69.60	5.10	7.00	7.47	6
2013/08/23	ME	DS4	13:50:35	B	8.8	59.0	0.67	27.73	15.82	62.20	4.48	23.60	7.53	24
2013/08/23	ME	DS4	13:51:11	M	5.1	74.8	0.41	27.75	14.18	64.30	4.67	8.50	7.51	9
2013/08/23	ME	DS4	13:52:17	T	1.1	51.9	0.38	27.86	12.51	71.00	5.20	7.30	7.49	8
2013/08/23	ME	DS4	13:53:34	B	8.9	80.0	0.54	27.74	15.84	61.90	4.46	30.50	7.52	25
2013/08/23	ME	DS4	13:54:23	M	5.5	80.7	0.63	27.77	14.45	65.30	4.73	7.70	7.50	9
2013/08/23	ME	DS4	13:55:08	T	0.8	100.0	0.62	27.88	12.51	71.00	5.20	7.00	7.49	7
2013/08/23	ME	DS4	13:56:11	B	9.1	59.6	0.67	27.44	15.63	62.20	4.48	26.20	7.52	24
2013/08/23	ME	DS4	13:57:11	M	4.9	88.7	0.60	27.77	14.56	63.00	4.56	8.60	7.49	10
2013/08/23	ME	DS4	13:58:24	T	1.1	75.5	0.68	27.87	12.43	71.50	5.24	7.50	7.50	6
2013/08/23	ME	DS5	14:06:02	B	10.1	31.0	0.53	27.78	15.15	62.90	4.55	9.20	7.51	13
2013/08/23	ME	DS5	14:07:11	M	5.8	52.0	0.96	27.80	12.87	69.40	5.08	7.80	7.50	10
2013/08/23	ME	DS5	14:08:13	T	1.0	75.2	1.06	27.87	12.10	73.60	5.40	7.40	7.51	7
2013/08/23	ME	DS5	14:09:15	B	9.3	72.5	0.76	27.77	15.14	62.70	4.53	10.70	7.51	13
2013/08/23	ME	DS5	14:10:08	M	6.1	92.8	0.58	27.77	13.64	63.00	4.88	7.70	7.50	10
2013/08/23	ME	DS5	14:11:10	T	0.9	77.4	0.78	27.88	12.03	73.70	5.40	7.60	7.51	8
2013/08/23	ME	DS5	14:12:17	B	9.7	56.2	0.70	27.77	15.32	62.60	4.52	12.60	7.51	12
2013/08/23	ME	DS5	14:13:11	M	6.1	77.4	0.76	27.78	13.31	65.80	4.80	8.00	7.50	9
2013/08/23	ME	DS5	14:14:10	T	1.0	34.7	0.99	27.86	11.90	73.60	5.41	7.90	7.50	7
2013/08/23	ME	US1	14:33:03	B	5.2	101.7	0.19	27.91	15.81	61.70	4.43	11.00	7.52	14
2013/08/23	ME	US1	14:34:22	M	3.5	28.7	0.14	28.00	15.47	63.00	4.53	14.50	7.51	17
2013/08/23	ME	US1	14:35:21	T	0.9	77.6	0.31	28.08	14.55	72.10	5.20	17.70	7.54	15
2013/08/23	ME	US1	14:36:38	B	4.9	294.1	0.35	27.91	15.69	60.80	4.37	12.30	7.51	58
2013/08/23	ME	US1	14:37:36	M	3.5	23.4	0.43	27.97	15.34	63.60	4.58	14.30	7.51	17
2013/08/23	ME	US1	14:38:26	T	1.0	78.7	0.29	28.08	14.63	71.40	5.15	17.30	7.54	16
2013/08/23	ME	US1	14:39:41	B	4.8	207.1	0.14	27.95	15.68	60.70	4.36	12.40	7.51	16
2013/08/23	ME	US1	14:40:31	M	3.6	291.5	0.22	28.01	15.31	63.70	4.58	13.50	7.51	15
2013/08/23	ME	US1	14:41:23	T	0.9	300.4	0.98	28.09	14.58	71.30	5.14	16.30	7.53	15
2013/08/23	ME	US2	14:47:16	B	5.2	200.7	0.26	27.80	17.08	59.10	4.22	13.70	7.54	15
2013/08/23	ME	US2	14:49:00	M	3.4	355.0	0.21	27.94	15.93	60.00	4.30	11.60	7.52	13
2013/08/23	ME	US2	14:49:58	T	1.1	71.6	0.29	28.08	14.62	70.00	5.05	17.90	7.53	16
2013/08/23	ME	US2	14:51:08	B	5.0	0.2	0.24	27.87	16.42	58.00	4.15	11.70	7.53	16
2013/08/23	ME	US2	14:51:55	M	3.7	180.9	0.20	27.95	16.02	59.10	4.24	12.30	7.51	15
2013/08/23	ME	US2	14:52:40	T	1.2	22.1	0.48	28.06	14.59	69.40	5.00	18.10	7.53	14
2013/08/23	ME	US2	14:53:33	B	5.0	296.6	0.04	27.86	16.57	57.40	4.11	11.00	7.53	16
2013/08/23	ME	US2	14:54:19	M	3.8	83.6	0.23	27.93	16.37	57.20	4.09	11.30	7.51	15
2013/08/23	ME	US2	14:55:08	T	1.0	348.7	0.14	28.07	14.64	69.10	4.98	17.90	7.53	15
2013/08/23	ME	MW1	15:20:09	B	19.0	58.9	0.28	27.91	14.37	70.30	5.09	7.30	7.64	7
2013/08/23	ME	MW1	15:21:19	M	10.3	354.0	0.32	27.92	14.32	70.30	5.09	7.60	7.64	6
2013/08/23	ME	MW1	15:22:14	T	0.9	90.3	0.87	27.98	13.19	73.10	5.32	6.10	7.62	6
2013/08/23	ME	MW1	15:23:34	B	19.3	58.9	0.28	27.91	14.47	69.50	5.03	8.70	7.65	7
2013/08/23	ME	MW1	15:24:49	M	10.6	67.7	0.41	27.92	14.22	70.00	5.07	8.20	7.65	7
2013/08/23	ME	MW1	15:25:34	T	1.0	74.0	1.08	28.04	11.61	76.90	5.64	5.40	7.56	5
2013/08/23	ME	MW1	15:26:49	B	18.9	58.9	0.28	27.91	14.51	69.40	5.02	8.30	7.66	8
2013/08/23	ME	MW1	15:27:49	M	10.9	28.4	0.46	27.92	14.20	70.00	5.07	7.50	7.67	7
2013/08/23	ME	MW1	15:28:35	T	1.1	84.5	0.95	27.97	12.65	71.10	5.19	6.00	7.62	5
2013/08/23	ME	THB1	14:05:44	B	3.2	308.7	0.25	28.16	15.31	57.60	4.13	17.00	7.45	18
2013/08/23	ME	THB1	14:06:34	T	1.0	108.0	0.20	28.29	14.56	61.20	4.40	9.80	7.47	13
2013/08/23	ME	THB1	14:07:34	B	3.0	352.7	0.20	28.22	15.06	56.60	4.06	17.20	7.44	20
2013/08/23	ME	THB1	14:08:19	T	1.1	106.3	0.32	28.29	14.56	57.60	4.14	13.20	7.47	12
2013/08/23	ME	THB1	14:09:09	B	2.9	352.7	0.20	28.22	15.03	56.40	4.05	18.70	7.45	19
2013/08/23	ME	THB1	14:10:04	T	0.7	89.5	0.25	28.35	14.29	65.30	4.69	5.40	7.49	12
2013/08/23	ME	THB2	14:29:11	M	1.5	40.0	0.03	28.36	13.67	56.40	4.06	8.20	7.30	7
2013/08/23	ME	THB2	14:30:14	M	1.5	40.0	0.03	28.25	13.79	57.80	4.17	8.50	7.31	7
2013/08/23	ME	THB2	14:31:24	M	1.6	40.0	0.03	28.16	13.87	59.30	4.28	8.70	7.31	5
2013/08/23	ME	WSR45C	14:38:09	B	11.9	33.3	0.59	28.04	13.81	73.30	5.31	9.50	7.56	11
2013/08/23	ME	WSR45C	14:39:04	M	7.1	54.4	0.46	28.04	13.54	69.10	5.01	8.10	7.56	8
2013/08/23	ME	WSR45C	14:40:04	T	1.1	84.5	1.06	28.04	11.04	76.30	5.61	7.40	7.57	7
2013/08/23	ME	WSR45C	14:41:09	B	12.1	45.6	0.43	28.04	13.86	67.80	4.91	10.20	7.55	11
2013/08/23	ME	WSR45C	14:42:09	M	7.4	19.6	0.73	28.05	13.					