

## 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)
2013/08/05	MF	DS1	17:47:04	B	2.8	293.7	0.31	28.77	20.85	71.70	4.93	13.70	7.74	19
2013/08/05	MF	DS1	17:48:11	T	0.8	270.0	0.38	29.70	17.14	5.61	6.80	7.77	8	
2013/08/05	MF	DS1	17:49:11	B	3.0	280.9	0.15	28.75	20.90	70.90	4.88	13.70	7.79	18
2013/08/05	MF	DS1	17:50:12	T	1.1	265.8	0.47	29.54	17.72	79.20	5.47	8.20	7.78	9
2013/08/05	MF	DS1	17:51:22	B	2.9	240.1	0.21	28.58	21.68	68.90	4.74	14.20	7.79	18
2013/08/05	MF	DS1	17:52:08	T	1.0	258.4	0.19	29.55	17.58	78.80	5.45	7.50	7.78	9
2013/08/05	MF	DS2	17:58:49	B	2.0	247.7	0.47	29.89	16.83	84.80	5.85	5.90	7.79	6
2013/08/05	MF	DS2	17:59:32	T	0.9	175.6	0.30	30.03	16.51	86.40	5.96	5.60	7.79	6
2013/08/05	MF	DS2	18:00:37	B	2.2	264.4	0.31	29.92	16.70	84.70	5.85	5.60	7.78	7
2013/08/05	MF	DS2	18:01:29	T	0.9	290.5	0.26	29.97	16.63	85.30	5.88	5.80	7.79	8
2013/08/05	MF	DS2	18:02:24	B	1.8	258.3	0.31	29.94	16.65	84.70	5.85	5.60	7.78	6
2013/08/05	MF	DS2	18:03:09	T	0.9	265.1	0.28	29.98	16.60	85.30	5.89	5.50	7.79	6
2013/08/05	MF	DS3	18:09:55	B	1.9	224.0	0.16	29.73	17.52	81.90	5.65	8.10	7.78	8
2013/08/05	MF	DS3	18:10:45	T	0.8	246.3	0.19	30.12	16.21	87.60	6.05	4.80	7.80	9
2013/08/05	MF	DS3	18:11:31	B	2.1	251.1	0.42	29.78	17.18	82.90	5.72	7.40	7.78	9
2013/08/05	MF	DS3	18:12:21	T	0.9	324.9	0.15	30.09	16.45	86.90	5.99	5.30	7.79	9
2013/08/05	MF	DS3	18:13:26	B	2.0	239.1	0.48	29.69	17.26	82.00	5.66	6.90	7.78	7
2013/08/05	MF	DS3	18:14:12	T	0.9	287.1	0.29	29.85	16.96	84.00	5.80	5.90	7.79	8
2013/08/05	MF	DS4	18:21:15	B	2.2	231.0	0.22	30.09	16.46	87.70	6.05	5.20	7.79	8
2013/08/05	MF	DS4	18:22:48	T	1.0	213.3	0.98	30.09	16.43	87.60	6.04	5.20	7.79	6
2013/08/05	MF	DS4	18:24:55	B	1.8	255.7	0.32	30.09	16.48	87.00	6.00	5.20	7.79	8
2013/08/05	MF	DS4	18:25:32	T	1.0	281.1	0.09	30.11	16.40	88.00	6.07	5.00	7.79	7
2013/08/05	MF	DS4	18:26:44	B	1.7	277.1	0.22	29.94	16.92	84.80	5.85	6.90	7.78	8
2013/08/05	MF	DS4	18:27:39	T	1.0	113.2	0.37	30.07	16.48	87.20	6.01	5.20	7.79	7
2013/08/05	MF	DS5	18:36:23	B	4.7	357.2	0.15	29.10	21.01	74.80	5.11	16.20	7.82	26
2013/08/05	MF	DS5	18:37:17	M	3.4	217.2	0.47	29.54	18.95	78.70	5.40	16.20	7.79	21
2013/08/05	MF	DS5	18:38:08	T	0.9	254.5	0.58	30.11	16.42	87.10	6.01	5.90	7.79	9
2013/08/05	MF	DS5	18:39:43	B	4.8	66.1	0.27	29.13	20.80	73.90	5.06	18.00	7.82	26
2013/08/05	MF	DS5	18:40:27	M	3.3	168.0	0.21	29.30	20.09	75.30	5.15	19.80	7.79	23
2013/08/05	MF	DS5	18:41:16	T	1.2	221.4	0.78	30.11	16.47	86.80	5.98	5.90	7.79	8
2013/08/05	MF	DS5	18:42:11	B	4.8	302.4	0.40	29.10	20.95	74.60	5.10	15.90	7.82	25
2013/08/05	MF	DS5	18:43:24	M	3.4	170.3	0.26	29.50	18.47	76.50	5.27	16.30	7.79	23
2013/08/05	MF	DS5	18:44:16	T	0.9	252.8	0.73	30.09	16.40	87.80	6.06	5.30	7.80	9
2013/08/05	MF	US1	19:20:58	B	3.7	231.0	0.38	28.14	23.03	66.60	4.57	11.40	7.77	18
2013/08/05	MF	US1	19:22:10	M	2.8	245.1	0.23	28.09	23.20	65.50	4.50	12.30	7.77	19
2013/08/05	MF	US1	19:23:18	T	0.9	296.4	0.75	29.63	17.70	79.80	5.51	5.70	7.74	8
2013/08/05	MF	US1	19:24:17	B	3.9	243.7	0.46	28.05	23.36	65.10	4.47	13.10	7.77	19
2013/08/05	MF	US1	19:25:30	M	3.1	227.2	0.72	28.09	23.21	65.10	4.47	10.60	7.77	20
2013/08/05	MF	US1	19:26:23	T	1.0	250.6	0.28	29.64	17.98	79.70	5.49	5.90	7.75	9
2013/08/05	MF	US1	19:27:14	B	3.9	251.9	0.39	28.02	23.45	64.70	4.44	11.30	7.77	18
2013/08/05	MF	US1	19:28:07	M	3.2	243.2	0.59	28.05	23.31	64.80	4.45	10.80	7.77	21
2013/08/05	MF	US1	19:29:07	T	1.0	243.4	0.47	29.60	18.13	79.40	5.47	5.70	7.75	8
2013/08/05	MF	US2	19:34:27	B	5.9	207.9	0.40	27.59	25.13	60.80	4.17	20.90	7.78	28
2013/08/05	MF	US2	19:35:22	M	4.0	251.0	0.30	27.60	25.12	60.30	4.13	14.00	7.78	19
2013/08/05	MF	US2	19:36:16	T	1.2	74.6	0.56	29.86	17.23	82.00	5.65	5.30	7.76	7
2013/08/05	MF	US2	19:37:14	B	5.9	336.1	0.22	27.59	25.15	60.20	4.13	21.30	7.78	28
2013/08/05	MF	US2	19:38:08	M	3.7	328.4	0.28	27.59	25.16	59.90	4.11	15.80	7.78	20
2013/08/05	MF	US2	19:39:10	T	1.1	93.8	0.57	29.67	17.97	80.60	5.55	5.10	7.76	8
2013/08/05	MF	US2	19:40:08	B	5.6	272.0	0.14	27.58	25.19	60.00	4.11	22.90	7.78	27
2013/08/05	MF	US2	19:41:07	M	3.9	216.0	0.34	27.58	25.20	59.60	4.08	20.50	7.77	20
2013/08/05	MF	US2	19:42:10	T	0.9	221.9	0.20	29.10	17.14	82.50	5.69	5.30	7.75	8
2013/08/05	MF	MW1	19:59:45	B	18.5	198.8	0.42	27.38	28.86	64.90	4.37	10.80	7.88	12
2013/08/05	MF	MW1	20:00:59	M	10.4	318.9	0.26	27.39	28.50	64.50	4.36	6.90	7.87	7
2013/08/05	MF	MW1	20:01:59	T	1.1	144.8	0.46	27.99	25.05	68.50	4.66	5.20	7.84	8
2013/08/05	MF	MW1	20:02:57	B	18.7	100.4	0.33	27.38	28.92	64.10	4.32	9.60	7.88	10
2013/08/05	MF	MW1	20:03:52	M	10.4	327.7	0.19	27.28	27.57	62.20	4.22	7.70	7.85	8
2013/08/05	MF	MW1	20:05:10	T	1.0	162.2	0.48	27.97	25.07	68.10	4.64	5.00	7.85	8
2013/08/05	MF	MW1	20:06:38	B	18.6	245.4	0.29	27.38	28.99	64.00	4.31	9.50	7.89	12
2013/08/05	MF	MW1	20:07:37	M	10.6	154.3	0.12	27.57	26.68	64.60	4.39	7.30	7.84	8
2013/08/05	MF	MW1	20:08:11	T	1.0	190.0	0.24	27.95	25.21	67.90	4.62	5.20	7.83	7
2013/08/05	MF	THB1	18:19:13	B	2.9	259.8	0.52	29.67	17.19	79.50	5.50	15.00	7.80	11
2013/08/05	MF	THB1	18:20:16	T	1.0	240.2	0.43	30.04	16.21	87.50	6.04	5.00	7.81	8
2013/08/05	MF	THB1	18:21:07	B	2.9	264.1	0.58	29.67	17.26	80.20	5.54	13.60	7.79	11
2013/08/05	MF	THB1	18:22:04	T	1.1	229.3	0.21	30.04	16.17	87.50	6.05	5.10	7.81	7
2013/08/05	MF	THB1	18:23:10	B	3.0	259.8	0.41	29.52	17.71	77.30	5.34	15.90	7.78	10
2013/08/05	MF	THB1	18:24:09	T	1.0	229.3	0.21	30.01	16.22	87.10	6.02	5.80	7.81	8
2013/08/05	MF	THB2	18:29:39	M	1.3	40.0	0.03	31.08	18.28	94.40	6.34	16.80	7.42	4
2013/08/05	MF	THB2	18:30:37	M	1.3	40.0	0.03	30.86	18.30	95.40	6.43	15.20	7.44	6
2013/08/05	MF	THB2	18:34:58	M	1.1	40.0	0.03	31.37	18.36	96.10	6.42	18.60	7.55	6
2013/08/05	MF	WSR45C	19:09:53	B	11.8	232.9	0.35	27.37	26.19	62.80	4.29	20.40	7.84	19
2013/08/05	MF	WSR45C	19:11:07	M	6.9	190.5	0.17	27.75	24.67	65.20	4.47	8.20	7.84	19
2013/08/05	MF	WSR45C	19:11:54	T	1.1	223.9	0.22	28.62	21.32	72.30	4.98	6.10	7.82	7
2013/08/05	MF	WSR45C	19:13:07	B	11.8	251.9	0.81	27.29	26.49	60.60	4.14	24.60	7.84	18
2013/08/05	MF	WSR45C	19:15:18	M	6.7	182.7	0.28	27.56	25.58	64.00	4.38	10.30	7.85	19
2013/08/05	MF	WSR45C	19:16:16	T	1.1	265.6	0.25	28.47	21.81	71.10	4.89	6.00	7.84	8
2013/08/05	MF	WSR45C	19:22:08	B	12.1	147.3	0.54	27.27	26.68	60.50	4.13	24.00	7.86	18
2013/08/05	MF	WSR45C	19:23:47	M	7.1	347.1	0.18	27.37	26.16	60.50	4.14	19.30	7.85	17
2013/08/05	MF	WSR45C	19:24:43	T	1.3	228.1	0.62	28.75	20.83	73.40	5.05	6.10	7.83	6
2013/08/05	MF	WSR46	17:47:34	B	7.8	298.6	0.47	27.81	24.16	65.70	4.51	52.00	7.84	56
2013/08/05	MF	WSR46	17:49:15	M	5.0	269.8	0.64	28.82	20.90	73.30	5.04	7.90	7.83	38
2013/08/05	MF	WSR46	17:50:23	T	1.1	272.6	0.49	29.71	15.75	80.10	5.58	5.30	7.76	8
2013/08/05	MF	WSR46	17:51:16	B	7.8	270.4	0.71	27.73	24.40	64.70	4.44	59.30	7.85	56
2013/08/05	MF	WSR46	17:52:19	M	5.1	275.2	0.60	28.93	20.59	73.90	5.08	8.90	7.84	39
2013/08/05	MF	WSR46	17:53:17	T	1.0	345.8	0.33	29.70	15.87	79.90	5.56	5.00	7.78	8
2013/08/05	MF	WSR46	17:54:56	B	8.2	271.8	0.58	27.62	24.73	62.90	4.32	50.80	7.87	56
2013/08/05	MF	WSR46	17:55:56	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)
2013/08/05	ME	DS1	11:08:42	B	6.9	118.8	0.22	28.33	21.93	68.30	4.71	20.90	7.79	22
2013/08/05	ME	DS1	11:09:56	M	4.4	77.3	0.20	28.66	20.75	74.10	5.11	18.20	7.81	20
2013/08/05	ME	DS1	11:10:42	T	1.1	84.8	0.38	29.17	18.02	79.30	5.50	6.50	7.77	9
2013/08/05	ME	DS1	11:11:51	B	7.1	296.3	0.08	28.34	21.95	68.40	4.71	17.10	7.80	20
2013/08/05	ME	DS1	11:12:46	M	4.5	119.8	0.29	28.68	20.91	73.10	5.04	11.30	7.81	20
2013/08/05	ME	DS1	11:13:32	T	1.1	95.4	0.36	29.00	18.70	78.30	5.43	6.90	7.79	9
2013/08/05	ME	DS1	11:15:19	B	6.8	77.3	0.52	28.33	21.94	68.80	4.74	16.80	7.79	21
2013/08/05	ME	DS1	11:16:10	M	4.4	310.0	0.11	28.58	21.06	72.10	4.97	16.40	7.80	21
2013/08/05	ME	DS1	11:17:07	T	0.7	130.2	0.29	29.35	17.28	80.00	5.56	5.60	7.75	10
2013/08/05	ME	DS2	11:23:09	B	3.8	59.6	0.28	28.99	19.27	79.60	5.50	9.50	7.79	10
2013/08/05	ME	DS2	11:24:19	M	3.1	4.4	0.28	29.11	18.82	80.90	5.60	8.50	7.79	10
2013/08/05	ME	DS2	11:25:08	T	1.0	71.5	0.25	29.08	18.59	79.70	5.52	7.20	7.78	10
2013/08/05	ME	DS2	11:26:15	B	3.6	81.2	0.25	28.99	18.93	78.30	5.43	9.00	7.78	9
2013/08/05	ME	DS2	11:27:09	M	2.9	93.6	0.47	29.03	18.85	79.00	5.47	8.90	7.78	11
2013/08/05	ME	DS2	11:28:07	T	1.0	37.5	0.80	29.24	18.05	79.70	5.52	8.50	7.76	12
2013/08/05	ME	DS2	11:29:09	B	3.9	180.3	0.22	28.75	20.19	76.10	5.25	9.00	7.80	11
2013/08/05	ME	DS2	11:30:21	M	2.8	87.8	0.34	28.94	18.94	77.40	5.37	8.00	7.78	11
2013/08/05	ME	DS2	11:31:13	T	1.1	35.9	0.37	28.94	18.90	77.10	5.35	8.20	7.77	11
2013/08/05	ME	DS3	11:38:03	B	8.9	166.1	0.16	27.63	24.56	59.20	4.06	21.10	7.78	22
2013/08/05	ME	DS3	11:39:11	M	5.6	40.3	0.42	28.68	20.49	72.20	4.98	7.00	7.79	9
2013/08/05	ME	DS3	11:40:14	T	1.1	96.0	0.38	29.47	17.58	81.70	5.66	5.90	7.76	9
2013/08/05	ME	DS3	11:41:27	B	9.1	60.1	0.23	27.62	24.76	60.00	4.12	21.60	7.77	23
2013/08/05	ME	DS3	11:42:38	M	5.7	19.4	0.38	28.68	20.49	72.00	4.97	7.40	7.78	9
2013/08/05	ME	DS3	11:44:12	T	1.0	73.7	0.77	29.41	17.74	80.70	5.59	5.40	7.76	8
2013/08/05	ME	DS3	11:45:36	B	9.0	124.8	0.28	27.57	24.96	58.50	4.01	21.40	7.78	22
2013/08/05	ME	DS3	11:46:58	M	4.8	32.9	0.43	28.56	20.93	69.50	4.80	8.40	7.78	10
2013/08/05	ME	DS3	11:47:58	T	1.0	6.1	1.01	29.67	17.62	83.10	5.73	5.10	7.77	8
2013/08/05	ME	DS4	11:54:08	B	3.0	315.5	0.23	29.70	17.48	84.10	5.80	4.50	7.76	6
2013/08/05	ME	DS4	11:55:10	T	1.1	31.3	0.61	29.91	17.16	84.60	5.83	4.20	7.76	4
2013/08/05	ME	DS4	11:56:07	B	2.8	93.0	0.36	29.32	18.22	79.40	5.49	5.40	7.76	7
2013/08/05	ME	DS4	11:57:23	T	0.9	336.7	0.26	29.90	17.15	84.30	5.81	4.30	7.76	4
2013/08/05	ME	DS4	11:58:14	B	2.9	2.2	0.26	29.37	18.20	79.60	5.50	5.10	7.76	5
2013/08/05	ME	DS4	11:59:06	T	0.9	147.4	0.72	30.02	17.18	85.20	5.86	4.20	7.76	3
2013/08/05	ME	DS5	12:04:50	B	2.0	77.5	0.18	29.66	17.77	83.10	5.73	5.20	7.75	3
2013/08/05	ME	DS5	12:06:13	T	1.2	281.6	0.08	29.84	17.57	84.00	5.78	4.50	7.75	6
2013/08/05	ME	DS5	12:08:14	B	2.1	299.2	0.15	29.84	17.55	83.90	5.77	4.50	7.75	4
2013/08/05	ME	DS5	12:09:09	T	1.0	339.2	0.38	29.84	17.50	83.90	5.77	4.50	7.75	6
2013/08/05	ME	DS5	12:10:09	B	2.1	289.3	0.24	29.81	17.52	83.60	5.76	4.60	7.75	5
2013/08/05	ME	DS5	12:11:10	T	1.1	166.2	0.51	29.85	17.46	83.90	5.77	4.30	7.75	7
2013/08/05	ME	US1	12:28:37	B	2.7	69.4	0.11	29.85	18.39	86.90	5.95	8.00	7.77	8
2013/08/05	ME	US1	12:29:32	T	0.9	90.7	0.35	29.96	18.19	86.30	5.90	6.50	7.76	6
2013/08/05	ME	US1	12:30:21	B	2.7	88.2	0.42	29.89	18.33	86.80	5.94	7.60	7.77	8
2013/08/05	ME	US1	12:31:09	T	1.0	61.9	0.28	30.11	18.23	87.40	5.96	7.00	7.77	7
2013/08/05	ME	US1	12:32:08	B	2.9	136.0	0.20	29.87	18.46	85.90	5.88	7.20	7.77	7
2013/08/05	ME	US1	12:33:10	T	0.9	95.7	0.27	30.24	18.33	87.90	5.98	8.50	7.77	7
2013/08/05	ME	US2	12:50:37	B	2.9	65.1	0.40	29.08	19.86	80.40	5.53	6.20	7.77	8
2013/08/05	ME	US2	12:51:09	T	1.0	306.0	0.80	29.72	18.65	85.30	5.85	7.20	7.77	8
2013/08/05	ME	US2	12:52:14	B	2.9	300.4	0.40	29.11	19.64	79.40	5.47	6.00	7.76	8
2013/08/05	ME	US2	12:53:08	T	1.0	88.6	0.46	29.91	18.53	85.70	5.86	6.80	7.75	9
2013/08/05	ME	US2	12:54:14	B	2.8	328.4	0.32	29.40	18.84	84.20	5.80	5.90	7.77	7
2013/08/05	ME	US2	12:55:08	T	1.1	95.6	0.43	29.74	18.63	85.70	5.88	6.90	7.76	7
2013/08/05	ME	MW1	11:06:36	B	18.6	31.4	0.50	27.00	28.17	63.90	4.35	5.70	7.95	10
2013/08/05	ME	MW1	11:07:34	M	10.5	320.8	0.50	27.66	24.82	71.00	4.87	2.70	7.96	9
2013/08/05	ME	MW1	11:08:38	T	0.8	71.1	0.55	29.08	18.65	82.20	5.69	2.20	7.88	5
2013/08/05	ME	MW1	11:09:58	B	18.6	83.4	0.27	27.02	28.14	63.40	4.31	7.20	7.98	10
2013/08/05	ME	MW1	11:11:07	M	10.4	40.0	0.22	28.44	20.96	76.90	5.32	2.70	7.94	8
2013/08/05	ME	MW1	11:12:17	T	1.1	72.3	0.86	29.05	18.69	80.70	5.59	7.90	7.90	5
2013/08/05	ME	MW1	11:20:38	B	18.6	59.9	0.44	27.07	27.91	64.00	4.35	6.00	7.99	11
2013/08/05	ME	MW1	11:21:41	M	10.6	327.9	0.04	28.50	20.66	77.00	5.33	2.90	7.94	9
2013/08/05	ME	MW1	11:22:42	T	1.1	74.2	1.19	29.29	18.10	83.70	5.80	2.20	7.88	6
2013/08/05	ME	THB1	12:38:30	B	2.8	22.3	0.36	28.86	21.01	68.60	4.71	19.80	7.85	24
2013/08/05	ME	THB1	12:40:20	T	1.1	151.1	0.20	29.33	18.67	79.80	5.50	4.90	7.87	19
2013/08/05	ME	THB1	12:41:41	B	3.0	159.8	0.15	28.97	21.19	70.60	4.83	16.80	7.89	25
2013/08/05	ME	THB1	12:42:54	T	1.0	90.8	0.34	29.51	17.97	81.00	5.59	4.10	7.88	19
2013/08/05	ME	THB1	12:44:28	B	3.0	345.8	0.15	28.92	21.21	68.50	4.69	18.50	7.87	26
2013/08/05	ME	THB1	12:45:38	T	1.1	340.9	0.15	29.57	18.09	81.20	5.60	3.90	7.86	18
2013/08/05	ME	THB2	12:49:37	M	1.5	40.0	0.03	30.34	18.59	84.00	5.70	19.80	7.33	12
2013/08/05	ME	THB2	12:50:37	M	1.5	40.0	0.03	30.37	18.65	84.20	5.71	21.30	7.31	11
2013/08/05	ME	THB2	12:51:36	M	1.5	40.0	0.03	30.38	18.61	84.60	5.74	19.80	7.29	12
2013/08/05	ME	WSR45C	12:07:20	B	11.9	217.0	0.29	26.91	27.86	56.80	3.88	27.20	7.91	37
2013/08/05	ME	WSR45C	12:08:27	M	7.1	42.3	0.63	28.69	20.22	74.20	5.13	7.90	7.90	11
2013/08/05	ME	WSR45C	12:09:38	T	1.2	37.3	0.93	29.45	16.43	79.60	5.55	3.50	7.81	7
2013/08/05	ME	WSR45C	12:10:50	B	12.0	90.8	0.22	26.86	27.81	55.90	3.82	25.80	7.91	39
2013/08/05	ME	WSR45C	12:12:00	M	7.2	45.4	0.83	28.67	20.16	73.40	5.07	8.40	7.90	12
2013/08/05	ME	WSR45C	12:12:51	T	1.4	37.3	0.93	29.93	15.91	80.80	5.60	3.40	7.81	6
2013/08/05	ME	WSR45C	12:14:05	B	11.8	45.5	0.23	26.92	27.59	56.00	3.83	23.60	7.91	36
2013/08/05	ME	WSR45C	12:15:14	M	6.9	65.0	0.33	28.66	20.18	73.10	5.06	8.80	7.89	12
2013/08/05	ME	WSR45C	12:16:14	T	1.2	37.3	0.93	29.63	16.06	79.70	5.55	3.50	7.81	7
2013/08/05	ME	WSR46	13:30:30	B	8.9	48.9	0.26	27.51	25.61	64.00	4.38	17.50	7.87	24
2013/08/05	ME	WSR46	13:31:22	M	5.6	64.0	0.32	28.27	22.53	66.10	4.54	16.30	7.91	24
2013/08/05	ME	WSR46	13:32:10	T	1.3	78.3	0.86	30.08	14.21	84.10	5.87	3.80	7.78	4
2013/08/05	ME	WSR46	13:33:01	B	8.9	48.9	0.26	27.60	24.99	63.10	4.33	17.00	7.87	23
2013/08/05	ME	WSR46	13:34:09	M	5.7	89.8	0.34	28.27	22.35	65.70	4.52	14.70	7.90	23
2013/08/05	ME	WSR46	13:35:01	T	1.1	117.1	0.55	30.13	14.26	82.40	5.75	3.50	7.77	4
2013/08/05	ME	WSR46	13:35:51	B	8.8	198.8	0.12	27.48	25.26	62.00	4.25	18.20	7.86	23
2013/08/05	ME	WSR46	13:36:42	M	5.5	140.9	0.60	28.30	21.99	66.0				