

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)
2013/10/30	MF	DS1	13:54:12	B	3.0	176.2	0.21	25.27	30.57	99.86	6.90	56.99	7.90	94
2013/10/30	MF	DS1	13:55:07	T	0.9	219.6	0.78	25.33	30.59	100.48	6.94	55.52	7.91	54
2013/10/30	MF	DS1	13:56:08	B	3.0	187.1	0.03	25.30	30.61	99.64	6.88	31.65	7.91	94
2013/10/30	MF	DS1	13:57:08	T	1.0	324.2	0.64	25.35	30.58	101.14	6.98	37.63	7.92	54
2013/10/30	MF	DS1	13:58:08	B	3.0	355.9	0.89	25.32	30.59	99.60	6.88	60.53	7.92	92
2013/10/30	MF	DS1	13:59:07	T	1.0	324.2	0.64	25.36	30.54	102.15	7.05	54.50	7.94	55
2013/10/30	MF	DS2	14:03:35	B	3.1	104.6	0.33	25.15	30.44	104.46	7.24	17.70	7.99	22
2013/10/30	MF	DS2	14:10:26	T	1.0	19.5	0.29	25.33	30.49	105.73	7.31	12.27	7.99	20
2013/10/30	MF	DS2	14:11:17	B	3.1	165.1	0.77	25.36	30.44	104.96	7.27	17.58	7.99	22
2013/10/30	MF	DS2	14:12:22	T	1.0	19.5	0.29	25.35	30.49	106.31	7.34	12.26	7.99	18
2013/10/30	MF	DS2	14:13:49	B	2.9	274.0	0.38	25.15	30.44	104.83	7.27	24.34	7.99	24
2013/10/30	MF	DS2	14:14:38	T	1.0	283.5	0.38	25.34	30.49	105.62	7.30	13.57	7.99	20
2013/10/30	MF	DS3	14:19:41	B	1.6	327.5	0.55	25.41	30.40	113.41	7.83	10.87	8.02	24
2013/10/30	MF	DS3	14:20:33	T	1.1	327.5	0.55	25.25	30.40	112.84	7.81	14.19	8.02	20
2013/10/30	MF	DS3	14:21:07	B	2.3	32.7	0.10	25.13	30.39	111.70	7.75	13.54	8.02	22
2013/10/30	MF	DS3	14:22:07	T	0.9	276.2	0.31	25.47	30.42	113.66	7.84	10.27	8.02	21
2013/10/30	MF	DS3	14:23:17	B	2.2	264.9	0.43	25.15	30.40	111.05	7.70	13.84	8.01	23
2013/10/30	MF	DS3	14:24:11	T	1.1	210.7	0.82	25.35	30.42	112.19	7.75	11.70	8.01	20
2013/10/30	MF	DS4	14:28:48	B	3.0	245.4	0.33	25.02	30.43	114.57	7.96	15.21	8.04	21
2013/10/30	MF	DS4	14:29:47	T	1.1	124.2	0.26	25.28	30.32	120.83	8.36	9.55	8.06	15
2013/10/30	MF	DS4	14:31:23	B	3.2	197.8	1.13	25.33	30.33	120.71	8.36	10.64	8.06	21
2013/10/30	MF	DS4	14:32:10	T	1.1	356.1	0.09	25.30	30.33	120.91	8.37	10.41	8.06	14
2013/10/30	MF	DS4	14:33:08	B	2.8	215.9	0.09	25.11	30.37	117.59	8.16	12.42	8.04	20
2013/10/30	MF	DS4	14:34:08	T	1.1	190.3	0.25	25.22	30.32	121.04	8.39	10.79	8.05	16
2013/10/30	MF	DS5	14:39:41	B	4.0	221.7	0.15	25.22	30.39	120.29	8.33	7.48	8.05	22
2013/10/30	MF	DS5	14:40:24	M	2.9	308.8	0.39	25.08	30.45	120.33	8.35	8.19	8.05	12
2013/10/30	MF	DS5	14:41:19	T	1.0	161.1	1.03	25.36	30.37	122.53	8.47	7.95	8.06	11
2013/10/30	MF	DS5	14:42:28	B	4.1	269.6	0.47	24.84	30.54	115.31	8.03	6.37	8.04	24
2013/10/30	MF	DS5	14:43:20	M	3.1	114.8	0.80	24.99	30.45	118.96	8.27	7.29	8.05	11
2013/10/30	MF	DS5	14:44:09	T	1.1	264.6	0.27	25.27	30.38	122.00	8.44	7.88	8.05	10
2013/10/30	MF	DS5	14:45:07	B	4.1	137.0	0.52	24.87	30.53	115.04	8.01	7.24	8.04	22
2013/10/30	MF	DS5	14:46:12	M	2.9	240.4	0.28	25.10	30.40	121.08	8.40	7.63	8.05	10
2013/10/30	MF	DS5	14:47:19	T	1.1	258.9	0.83	25.15	30.41	121.68	8.44	7.91	8.05	12
2013/10/30	MF	US1	15:35:15	B	3.2	224.7	0.15	25.29	30.90	101.66	6.99	5.29	7.96	9
2013/10/30	MF	US1	15:36:28	T	0.9	1.6	0.78	25.32	30.89	101.66	7.01	5.08	7.96	9
2013/10/30	MF	US1	15:37:21	B	3.0	188.7	0.46	25.27	30.89	100.24	6.92	5.48	7.95	9
2013/10/30	MF	US1	15:38:08	T	1.1	1.6	0.78	25.31	30.88	101.20	6.98	5.17	7.95	8
2013/10/30	MF	US1	15:39:07	B	3.2	137.4	0.62	25.27	30.88	100.17	6.91	5.32	7.95	11
2013/10/30	MF	US1	15:40:08	T	1.0	347.7	0.46	25.33	30.88	101.72	7.01	5.20	7.94	9
2013/10/30	MF	US2	15:45:53	B	4.0	220.9	0.48	25.19	30.91	96.47	6.67	5.34	7.92	9
2013/10/30	MF	US2	15:47:00	M	3.0	258.1	0.97	25.22	30.90	97.00	6.70	5.17	7.92	9
2013/10/30	MF	US2	15:48:18	T	1.2	306.7	0.41	25.29	30.86	99.55	6.87	5.35	7.93	8
2013/10/30	MF	US2	15:49:39	B	4.0	285.0	0.42	25.19	30.90	96.33	6.66	5.51	7.92	11
2013/10/30	MF	US2	15:50:10	M	2.8	213.6	0.52	25.22	30.88	96.77	6.68	5.50	7.92	8
2013/10/30	MF	US2	15:51:04	T	0.9	248.9	0.51	25.29	30.85	98.98	6.83	5.20	7.93	6
2013/10/30	MF	US2	15:52:20	B	4.1	320.4	0.56	25.19	30.90	96.16	6.64	5.62	7.92	9
2013/10/30	MF	US2	15:53:07	M	3.1	257.7	0.25	25.21	30.88	96.44	6.66	5.69	7.91	8
2013/10/30	MF	US2	15:54:10	T	0.8	47.1	0.99	25.29	30.85	98.75	6.81	5.23	7.92	8
2013/10/30	MF	MW1	15:50:49	B	19.0	91.7	0.14	25.85	31.29	86.00	5.86	4.47	8.17	7
2013/10/30	MF	MW1	15:51:39	M	10.5	88.1	0.61	25.83	31.23	86.29	5.89	4.07	8.16	7
2013/10/30	MF	MW1	15:52:34	T	1.0	97.3	0.82	25.81	31.20	86.88	5.93	3.87	8.16	6
2013/10/30	MF	MW1	15:53:39	B	19.1	44.8	0.25	25.86	31.23	85.09	5.80	4.37	8.15	7
2013/10/30	MF	MW1	15:54:24	M	10.5	261.9	0.26	25.85	31.21	85.58	5.84	4.17	8.15	7
2013/10/30	MF	MW1	15:55:09	T	1.1	290.9	0.28	25.82	31.18	86.67	5.91	3.87	8.15	6
2013/10/30	MF	MW1	15:56:14	B	19.0	201.7	0.10	25.86	31.21	84.98	5.79	4.27	8.13	7
2013/10/30	MF	MW1	15:56:59	M	10.2	107.4	0.39	25.83	31.18	85.57	5.84	4.07	8.13	7
2013/10/30	MF	MW1	15:57:59	T	1.1	302.6	0.74	25.82	31.15	86.65	5.91	4.37	8.13	5
2013/10/30	MF	THB1	14:25:24	B	3.0	226.9	0.77	25.20	30.37	105.25	7.29	15.29	8.17	22
2013/10/30	MF	THB1	14:26:14	T	1.0	342.0	0.50	25.31	30.29	106.15	7.34	13.38	8.17	21
2013/10/30	MF	THB1	14:26:59	B	3.0	226.9	0.77	25.07	30.20	103.85	7.22	14.28	8.17	21
2013/10/30	MF	THB1	14:28:04	T	1.0	229.7	0.50	25.39	30.24	107.53	7.43	12.38	8.18	20
2013/10/30	MF	THB1	14:28:59	B	3.0	95.4	0.55	25.13	30.19	104.63	7.27	14.78	8.18	22
2013/10/30	MF	THB1	14:29:59	T	1.0	337.7	0.73	25.36	30.22	107.12	7.41	13.08	8.19	19
2013/10/30	MF	THB2	14:15:55	M	1.3	40.0	0.03	25.37	29.28	97.32	6.77	11.68	7.96	15
2013/10/30	MF	THB2	14:16:52	M	1.3	40.0	0.03	25.35	29.27	97.01	6.75	11.88	7.97	16
2013/10/30	MF	THB2	14:17:44	M	1.3	40.0	0.03	25.35	29.25	97.59	6.79	11.08	7.98	16
2013/10/30	MF	WSR45C	14:50:54	B	12.0	112.8	0.56	25.52	30.94	90.17	6.19	9.38	8.13	17
2013/10/30	MF	WSR45C	14:51:39	M	7.0	302.6	0.47	25.50	30.88	90.07	6.19	8.78	8.13	15
2013/10/30	MF	WSR45C	14:52:24	T	1.0	355.6	0.32	25.46	30.63	100.41	6.92	4.87	8.19	15
2013/10/30	MF	WSR45C	14:53:24	B	12.0	52.3	0.39	25.52	30.86	89.46	6.15	8.68	8.13	17
2013/10/30	MF	WSR45C	14:54:14	M	7.0	218.1	0.72	25.50	30.82	90.45	6.22	7.58	8.13	15
2013/10/30	MF	WSR45C	14:54:59	T	1.1	98.2	0.42	25.47	30.59	100.80	6.94	4.97	8.18	14
2013/10/30	MF	WSR45C	14:55:59	B	12.0	219.5	0.48	25.51	30.63	89.45	6.15	9.08	8.13	16
2013/10/30	MF	WSR45C	14:56:59	M	7.0	283.8	1.15	25.50	30.80	90.84	6.25	7.58	8.13	15
2013/10/30	MF	WSR45C	14:57:59	T	1.0	261.6	0.14	25.48	30.64	99.88	6.88	4.77	8.17	14
2013/10/30	MF	WSR46	13:56:24	B	9.0	254.5	0.47	25.08	30.63	102.53	7.11	8.98	8.15	16
2013/10/30	MF	WSR46	13:57:19	M	5.7	327.3	0.83	25.37	30.57	102.63	7.08	4.27	8.14	9
2013/10/30	MF	WSR46	13:58:04	T	1.0	7.5	0.86	25.16	30.42	107.61	7.46	4.87	8.18	7
2013/10/30	MF	WSR46	13:58:59	B	9.0	71.0	0.10	25.10	30.65	102.42	7.10	10.68	8.18	17
2013/10/30	MF	WSR46	13:59:59	M	5.7	305.8	0.73	25.33	30.58	102.91	7.11	4.37	8.18	10
2013/10/30	MF	WSR46	14:01:04	T	1.1	307.4	1.06	25.18	30.44	107.90	7.48	3.97	8.21	6
2013/10/30	MF	WSR46	14:01:59	B	9.0	306.0	0.24	25.21	30.68	101.40	7.01	7.88	8.19	16
2013/10/30	MF	WSR46	14:02:59	M	5.5	249.7	0.93	25.32	30.60	103.19	7.13	4.07	8.19	9
2013/10/30	MF	WSR46	14:03:59	T	1.0	280.9	0.78	25.21	30.45	107.88	7.47	3.97	8.21	6

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)
2013/10/30	ME	DS1	6:11:52	B	3.2	51.7	0.12	24.92	30.48	95.21	6.63	10.88	7.91	19
2013/10/30	ME	DS1	6:12:28	T	1.0	255.0	0.66	24.90	30.45	95.54	6.65	10.71	7.92	15
2013/10/30	ME	DS1	6:13:08	B	3.1	172.5	1.57	24.92	30.45	95.31	6.63	10.90	7.92	20
2013/10/30	ME	DS1	6:14:08	T	0.9	326.5	0.21	24.88	30.43	95.97	6.68	6.60	7.93	16
2013/10/30	ME	DS1	6:15:08	B	3.2	311.4	0.28	25.08	30.58	92.66	6.43	10.90	7.91	20
2013/10/30	ME	DS1	6:16:07	T	1.0	37.4	1.19	24.94	30.49	94.80	6.59	11.03	7.93	16
2013/10/30	ME	DS2	6:21:29	B	4.1	128.4	0.67	24.91	30.47	95.42	6.64	5.58	7.93	8
2013/10/30	ME	DS2	6:22:10	M	3.1	139.6	0.22	25.10	30.58	94.53	6.57	5.51	7.92	7
2013/10/30	ME	DS2	6:23:15	T	1.2	325.8	0.32	24.76	30.39	96.53	6.74	5.18	7.94	7
2013/10/30	ME	DS2	6:24:21	B	3.9	75.1	0.35	25.34	30.79	90.45	6.24	4.10	7.90	9
2013/10/30	ME	DS2	6:25:08	M	3.2	147.0	1.04	25.11	30.60	92.74	6.43	5.63	7.92	8
2013/10/30	ME	DS2	6:25:49	T	1.1	284.8	0.31	24.76	30.40	96.17	6.71	5.04	7.94	8
2013/10/30	ME	DS2	6:26:45	B	4.1	10.9	0.72	25.33	30.80	90.59	6.25	4.00	7.91	8
2013/10/30	ME	DS2	6:27:30	M	3.1	142.2	0.67	25.16	30.66	92.16	6.38	5.24	7.92	8
2013/10/30	ME	DS2	6:28:16	T	0.9	64.8	0.19	24.77	30.42	96.06	6.70	5.11	7.94	8
2013/10/30	ME	DS3	6:33:12	B	6.9	345.9	0.24	25.37	30.87	87.78	6.05	5.03	7.90	9
2013/10/30	ME	DS3	6:34:08	M	4.5	262.4	0.23	25.25	30.76	91.72	6.34	4.63	7.91	7
2013/10/30	ME	DS3	6:35:10	T	1.0	64.8	0.19	24.76	30.40	96.00	6.70	6.60	7.94	6
2013/10/30	ME	DS3	6:36:08	B	7.3	255.4	0.17	25.43	30.90	86.91	5.98	5.50	7.90	10
2013/10/30	ME	DS3	6:37:08	M	4.6	155.0	0.29	25.29	30.80	89.64	6.19	4.91	7.91	6
2013/10/30	ME	DS3	6:38:07	T	0.9	187.5	0.68	24.79	30.43	95.34	6.65	6.24	7.94	7
2013/10/30	ME	DS3	6:39:08	B	7.1	215.0	0.34	25.43	30.90	87.19	6.00	5.18	7.90	9
2013/10/30	ME	DS3	6:40:09	M	4.5	41.4	0.38	24.77	30.41	95.70	6.68	6.31	7.94	7
2013/10/30	ME	DS3	6:41:08	T	0.9	187.5	0.68	24.74	30.40	95.09	6.71	6.18	7.93	6
2013/10/30	ME	DS4	6:45:23	B	6.2	110.1	0.56	25.44	30.94	84.79	5.93	4.52	7.87	6
2013/10/30	ME	DS4	6:46:16	M	4.2	108.9	0.48	25.36	30.87	85.25	5.87	4.08	7.88	3
2013/10/30	ME	DS4	6:47:25	T	1.1	225.7	0.50	24.77	30.45	95.37	6.65	5.08	7.93	3
2013/10/30	ME	DS4	6:48:19	T	6.2	110.1	0.56	25.43	30.94	85.34	5.87	4.47	7.87	5
2013/10/30	ME	DS4	6:49:12	M	4.0	190.8	0.27	25.11	30.64	91.49	6.34	4.85	7.91	4
2013/10/30	ME	DS4	6:50:08	T	0.9	15.5	1.24	24.83	30.47	94.91	6.61	5.36	7.93	3
2013/10/30	ME	DS4	6:51:10	B	6.1	8.9	0.39	25.51	30.98	84.19	5.78	5.18	7.87	5
2013/10/30	ME	DS4	6:52:09	M	4.2	342.2	1.16	25.29	30.85	86.95	6.00	4.07	7.89	5
2013/10/30	ME	DS4	6:52:55	T	1.0	130.6	0.63	24.76	30.44	95.19	6.64	5.37	7.93	3
2013/10/30	ME	DS5	6:56:54	B	7.0	355.9	0.21	25.47	30.98	85.64	5.89	5.28	7.88	7
2013/10/30	ME	DS5	6:57:56	M	4.7	279.1	0.33	25.41	30.93	85.50	5.88	4.31	7.88	7
2013/10/30	ME	DS5	6:58:38	T	1.1	47.0	0.81	24.75	30.51	93.55	6.53	4.22	7.93	4
2013/10/30	ME	DS5	6:59:29	B	7.2	196.5	0.25	25.47	30.97	85.27	5.86	5.50	7.87	6
2013/10/30	ME	DS5	7:00:16	M	4.6	314.1	0.50	25.38	30.89	85.49	5.89	4.04	7.88	6
2013/10/30	ME	DS5	7:01:28	T	1.1	212.3	1.06	24.72	30.47	94.83	6.62	4.41	7.93	4
2013/10/30	ME	DS5	7:02:14	B	7.2	322.9	0.49	25.41	30.93	86.58	5.96	4.88	7.88	7
2013/10/30	ME	DS5	7:03:11	M	4.6	341.0	0.24	25.37	30.90	85.59	5.92	4.12	7.89	6
2013/10/30	ME	DS5	7:04:09	T	1.1	255.6	0.12	24.76	30.48	94.76	6.61	4.45	7.93	5
2013/10/30	ME	US1	7:57:39	B	3.3	81.5	0.72	24.64	30.39	99.39	6.95	7.41	7.95	9
2013/10/30	ME	US1	7:58:27	T	1.1	51.1	1.56	24.67	30.40	99.54	6.96	7.16	7.94	9
2013/10/30	ME	US1	7:59:18	B	3.2	81.5	0.72	24.71	30.42	98.48	6.88	7.86	7.94	9
2013/10/30	ME	US1	8:00:10	T	1.0	51.1	1.56	24.72	30.42	98.89	6.91	7.55	7.94	8
2013/10/30	ME	US1	8:01:08	B	3.1	19.3	0.47	24.72	30.42	98.56	6.88	7.82	7.94	10
2013/10/30	ME	US1	8:02:11	T	1.1	51.1	1.56	24.72	30.42	98.99	6.91	7.51	7.94	10
2013/10/30	ME	US2	8:07:16	B	2.9	307.4	0.52	24.52	30.34	100.88	7.07	12.06	7.95	73
2013/10/30	ME	US2	8:08:41	T	1.1	90.6	0.45	24.46	30.28	104.92	7.37	4.36	7.97	7
2013/10/30	ME	US2	8:09:32	B	3.1	318.9	0.11	24.46	30.31	101.94	7.16	8.17	7.96	16
2013/10/30	ME	US2	8:10:30	T	1.0	245.3	0.57	24.47	30.28	105.65	7.42	4.23	7.98	8
2013/10/30	ME	US2	8:11:19	B	3.2	191.7	0.89	24.47	30.29	104.66	7.35	4.33	7.97	7
2013/10/30	ME	US2	8:12:08	T	1.2	183.3	0.19	24.47	30.28	105.59	7.41	4.11	7.97	9
2013/10/30	ME	MW1	5:34:39	B	19.0	276.8	0.50	25.87	31.23	83.53	5.69	1.97	8.05	3
2013/10/30	ME	MW1	5:35:29	M	10.5	201.8	0.51	25.89	31.26	82.23	5.60	1.97	8.05	3
2013/10/30	ME	MW1	5:36:19	T	1.1	147.4	0.45	25.79	31.23	83.04	5.67	1.87	8.03	2
2013/10/30	ME	MW1	5:37:24	B	19.0	272.2	0.62	25.89	31.27	81.34	5.54	2.17	8.03	2
2013/10/30	ME	MW1	5:38:09	M	10.5	9.0	0.14	25.89	31.27	81.55	5.56	2.07	8.03	2
2013/10/30	ME	MW1	5:38:59	T	1.1	147.4	0.45	25.82	31.24	82.66	5.64	2.07	8.04	4
2013/10/30	ME	MW1	5:39:59	B	18.8	192.8	1.64	25.89	31.27	81.16	5.53	2.37	8.04	3
2013/10/30	ME	MW1	5:41:09	M	10.5	161.6	0.73	25.89	31.26	81.77	5.57	2.37	8.04	3
2013/10/30	ME	MW1	5:41:59	T	1.0	147.4	0.45	25.80	31.23	82.88	5.66	2.27	8.05	3
2013/10/30	ME	THB1	6:49:19	B	2.9	153.3	0.65	25.15	30.25	92.19	6.40	8.58	8.08	15
2013/10/30	ME	THB1	6:50:09	T	1.0	87.1	1.05	24.90	30.12	94.61	6.60	7.48	8.10	8
2013/10/30	ME	THB1	6:51:09	B	3.0	29.4	0.26	24.95	30.13	93.31	6.50	8.18	8.09	23
2013/10/30	ME	THB1	6:51:59	T	1.0	22.7	0.47	24.90	30.12	94.63	6.60	7.48	8.09	8
2013/10/30	ME	THB1	6:53:04	B	3.0	89.3	0.51	24.87	30.10	94.63	6.60	6.98	8.09	9
2013/10/30	ME	THB1	6:53:59	T	1.0	75.9	0.70	24.91	30.11	94.84	6.61	7.78	8.09	8
2013/10/30	ME	THB2	7:30:56	M	1.4	40.0	0.03	23.96	28.85	90.14	6.44	4.98	7.89	5
2013/10/30	ME	THB2	7:33:24	M	1.4	40.0	0.03	24.28	28.94	89.31	6.34	5.48	7.88	4
2013/10/30	ME	THB2	7:34:31	M	1.4	40.0	0.03	24.46	29.24	87.89	6.21	5.18	7.89	5
2013/10/30	ME	WSR45C	6:19:14	B	12.0	258.0	0.16	25.36	30.78	85.53	5.90	4.97	8.08	6
2013/10/30	ME	WSR45C	6:20:14	M	7.0	70.3	0.97	25.24	30.73	85.74	5.92	3.97	8.08	6
2013/10/30	ME	WSR45C	6:21:04	T	1.0	16.3	0.60	25.04	30.61	87.76	6.09	4.07	8.10	5
2013/10/30	ME	WSR45C	6:21:59	B	12.0	246.4	0.32	25.30	30.76	84.95	5.86	4.57	8.08	6
2013/10/30	ME	WSR45C	6:22:59	M	7.0	190.7	0.17	25.17	30.66	86.06	5.96	3.87	8.09	4
2013/10/30	ME	WSR45C	6:23:59	T	1.0	112.1	1.16	25.10	30.63	86.87	6.02	3.97	8.09	6
2013/10/30	ME	WSR45C	6:25:04	B	12.0	358.5	0.12	25.32	30.75	84.57	5.83	4.47	8.06	5
2013/10/30	ME	WSR45C	6:25:59	M	7.0	84.3	0.41	25.10	30.61	86.28	5.98	3.87	8.07	4
2013/10/30	ME	WSR45C	6:26:59	T	1.0	128.1	0.58	24.99	30.57	88.00	6.11	3.87	8.07	6
2013/10/30	ME	WSR46	7:21:59	B	9.1	194.2	0.19	25.19	30.98	94.15	6.50	7.38	8.08	10
2013/10/30	ME	WSR46	7:22:59	M	5.5	65.4	0.59	25.22	30.65	90.31	6.25	3.47	8.04	5
2013/10/30	ME	WSR46	7:23:59	T	1.0	107.8	0.69	25.22	30.64	90.32	6.25	3.47	8.04	6
2013/10/30	ME	WSR46	7:24:59	B	9.0	24.8	0.37	25.19	30.97	93.56	6.46	7.38	8.08	10
2013/10/30	ME	WSR46	7:25:59	M	5.5	65.4	0.59	25.21	30.64	90.24	6.24	3.47	8.04	5
2013/10/30	ME	WSR46	7:26:59	T	1.0	107.8</								