

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)
2014/11/14	MF	DS1	16:11:56	B	3.1	4.3	0.45	24.48	31.34	118.32	8.25	3.07	8.13	4
2014/11/14	MF	DS1	16:13:09	T	0.8	63.6	0.41	24.43	31.36	117.94	8.23	3.37	8.10	3
2014/11/14	MF	DS1	16:13:33	B	3.0	210.2	0.29	24.33	31.43	112.70	7.88	7.86	8.06	4
2014/11/14	MF	DS1	16:13:59	T	1.0	94.9	0.09	24.45	31.35	116.85	8.16	3.87	8.10	3
2014/11/14	MF	DS1	16:14:26	B	2.8	176.2	0.19	24.35	31.41	115.25	8.05	9.46	8.08	5
2014/11/14	MF	DS1	16:15:00	T	0.8	343.5	0.16	24.54	31.29	120.21	8.38	3.37	8.10	3
2014/11/14	MF	DS2	16:20:55	B	2.8	131.3	0.16	24.43	31.29	124.00	8.66	5.67	8.13	9
2014/11/14	MF	DS2	16:21:34	T	1.0	115.9	0.24	24.45	30.99	130.50	9.13	6.57	8.16	6
2014/11/14	MF	DS2	16:22:23	B	3.0	304.4	0.59	24.44	31.15	129.51	9.05	6.97	8.14	9
2014/11/14	MF	DS2	16:22:54	T	1.1	274.6	0.34	24.45	31.08	130.03	9.09	6.27	8.15	7
2014/11/14	MF	DS2	16:23:20	B	3.0	319.9	0.55	24.42	31.23	125.48	8.77	8.06	8.12	9
2014/11/14	MF	DS2	16:23:45	T	1.1	263.0	0.27	24.43	31.18	125.70	8.78	8.56	8.13	6
2014/11/14	MF	DS3	16:29:47	B	2.2	207.7	1.38	24.30	31.01	126.56	8.87	5.17	8.16	7
2014/11/14	MF	DS3	16:30:17	T	1.2	42.7	0.42	24.30	30.98	127.99	8.98	5.57	8.15	7
2014/11/14	MF	DS3	16:30:44	B	2.0	212.7	1.89	24.35	31.02	124.46	8.72	5.87	8.14	7
2014/11/14	MF	DS3	16:31:08	T	0.8	283.8	0.28	24.34	30.96	125.58	8.80	5.77	8.14	6
2014/11/14	MF	DS3	16:31:34	B	2.1	265.8	0.66	24.33	31.04	126.40	8.86	4.97	8.13	7
2014/11/14	MF	DS3	16:32:02	T	0.9	242.4	0.18	24.33	30.96	127.94	8.97	5.77	8.14	7
2014/11/14	MF	DS4	16:36:41	B	4.1	292.1	0.72	23.82	30.91	114.05	8.07	3.57	8.08	7
2014/11/14	MF	DS4	16:37:22	M	3.0	337.5	0.64	23.92	30.81	120.87	8.54	4.37	8.12	5
2014/11/14	MF	DS4	16:37:45	T	1.0	334.5	0.85	23.96	30.75	124.94	8.82	3.57	8.14	4
2014/11/14	MF	DS4	16:38:26	B	4.0	76.0	0.15	23.89	30.85	120.08	8.49	3.57	8.11	7
2014/11/14	MF	DS4	16:39:09	M	2.9	349.3	0.55	23.86	30.87	115.93	8.20	3.17	8.09	4
2014/11/14	MF	DS4	16:39:39	T	1.0	57.7	0.27	23.97	30.75	124.79	8.81	3.17	8.14	4
2014/11/14	MF	DS4	16:40:05	B	4.1	355.0	0.41	23.90	30.82	121.04	8.56	4.97	8.10	7
2014/11/14	MF	DS4	16:40:33	M	3.1	264.3	0.45	23.82	30.89	113.83	8.05	3.57	8.08	4
2014/11/14	MF	DS4	16:41:00	T	1.0	219.5	0.49	23.89	30.82	116.28	8.22	8.26	8.11	4
2014/11/14	MF	DS5	16:47:18	B	5.8	158.4	0.48	23.80	30.81	119.28	8.45	4.87	8.16	4
2014/11/14	MF	DS5	16:47:49	M	3.9	300.8	0.18	23.79	30.82	121.33	8.59	2.58	8.14	4
2014/11/14	MF	DS5	16:48:17	T	0.9	22.6	0.55	23.79	30.79	121.95	8.64	2.08	8.14	3
2014/11/14	MF	DS5	16:49:03	B	6.0	284.6	0.28	23.86	31.05	115.66	8.17	2.38	8.12	4
2014/11/14	MF	DS5	16:49:26	M	4.1	358.1	0.24	23.80	30.95	116.99	8.28	1.98	8.12	4
2014/11/14	MF	DS5	16:50:10	T	1.0	241.1	0.64	24.01	30.71	127.09	8.97	2.48	8.16	3
2014/11/14	MF	DS5	16:50:43	B	6.0	184.0	0.27	23.83	30.99	118.76	8.40	2.48	8.11	4
2014/11/14	MF	DS5	16:51:07	M	4.1	62.8	0.24	23.78	30.88	118.26	8.37	2.08	8.12	4
2014/11/14	MF	DS5	16:51:45	T	1.3	143.8	0.61	23.89	30.75	125.30	8.86	2.58	8.15	3
2014/11/14	MF	US1	17:05:23	B	3.0	335.5	1.24	24.30	31.58	105.94	7.40	2.97	8.05	3
2014/11/14	MF	US1	17:05:46	T	1.1	9.6	1.15	24.19	31.47	109.62	7.68	2.58	8.09	4
2014/11/14	MF	US1	17:06:27	B	2.9	101.3	0.29	24.32	31.58	104.63	7.31	3.77	8.03	3
2014/11/14	MF	US1	17:06:58	T	0.9	342.2	0.72	24.32	31.56	104.44	7.30	3.17	8.03	4
2014/11/14	MF	US1	17:07:39	B	2.9	356.6	0.49	24.28	31.54	105.58	7.38	3.17	8.04	3
2014/11/14	MF	US1	17:08:09	T	0.7	15.5	0.84	24.26	31.51	106.61	7.46	2.77	8.04	4
2014/11/14	MF	US2	17:12:07	B	5.0	59.9	0.32	24.56	31.94	108.64	7.54	3.97	8.04	3
2014/11/14	MF	US2	17:12:51	M	3.5	141.3	0.42	24.46	31.62	121.35	8.45	3.07	8.10	4
2014/11/14	MF	US2	17:13:16	T	0.8	313.4	0.20	24.45	31.58	120.74	8.42	2.77	8.10	5
2014/11/14	MF	US2	17:13:42	B	4.9	308.1	0.45	24.53	31.93	114.20	7.93	3.87	8.05	3
2014/11/14	MF	US2	17:14:07	M	3.5	167.5	0.24	24.48	31.64	116.06	8.08	3.47	8.09	4
2014/11/14	MF	US2	17:14:30	T	1.0	297.0	0.36	24.44	31.52	124.36	8.67	2.18	8.12	5
2014/11/14	MF	US2	17:15:06	B	4.9	68.3	0.44	24.49	31.69	118.95	8.28	2.97	8.08	3
2014/11/14	MF	US2	17:15:35	M	3.3	353.0	0.88	24.49	31.67	119.16	8.30	2.87	8.08	4
2014/11/14	MF	US2	17:16:01	T	1.0	58.4	0.43	24.45	31.49	125.32	8.74	2.28	8.12	5
2014/11/14	MF	MW1	18:02:45	B	19.0	8.3	0.63	24.81	32.98	103.18	7.09	1.58	7.99	3
2014/11/14	MF	MW1	18:03:26	M	10.4	274.2	1.04	24.81	32.97	103.81	7.13	1.58	7.99	4
2014/11/14	MF	MW1	18:04:09	T	0.8	317.5	0.92	24.80	32.92	103.83	7.14	1.38	8.00	4
2014/11/14	MF	MW1	18:04:59	B	18.8	131.8	0.41	24.81	32.99	102.60	7.05	1.58	8.00	3
2014/11/14	MF	MW1	18:05:44	M	10.7	189.8	0.03	24.81	32.97	103.65	7.12	1.48	8.01	4
2014/11/14	MF	MW1	18:06:28	T	1.4	311.9	0.18	24.79	32.92	103.67	7.13	1.28	8.00	4
2014/11/14	MF	MW1	18:07:12	B	19.2	96.6	0.65	24.81	32.98	103.27	7.10	1.48	8.01	3
2014/11/14	MF	MW1	18:08:01	M	10.3	212.0	0.46	24.81	32.96	104.53	7.18	1.38	8.01	4
2014/11/14	MF	MW1	18:08:59	T	1.0	196.7	0.11	24.79	32.90	103.72	7.13	1.78	8.00	4
2014/11/14	MF	THB1	16:03:39	B	3.0	316.5	0.80	24.37	31.29	121.65	8.51	3.27	8.06	6
2014/11/14	MF	THB1	16:04:21	T	0.8	139.0	0.17	24.48	30.96	125.50	8.77	5.67	8.08	6
2014/11/14	MF	THB1	16:04:59	B	2.8	149.2	0.38	24.42	31.12	126.53	8.85	7.17	8.10	6
2014/11/14	MF	THB1	16:05:36	T	1.2	123.1	0.40	24.46	30.82	126.24	8.84	5.37	8.09	6
2014/11/14	MF	THB1	16:06:11	B	2.8	254.6	1.09	24.41	31.17	127.26	8.90	3.97	8.11	6
2014/11/14	MF	THB1	16:06:47	T	1.0	21.9	0.47	24.52	30.73	125.46	8.78	7.37	8.09	5
2014/11/14	MF	THB2	16:09:08	M	1.3	40.0	0.03	23.61	29.68	106.07	7.59	3.05	7.89	4
2014/11/14	MF	THB2	16:10:10	M	1.3	40.0	0.03	23.59	29.68	105.89	7.58	3.25	7.93	4
2014/11/14	MF	THB2	16:11:04	M	1.3	40.0	0.03	23.59	29.69	105.83	7.57	3.15	7.95	5
2014/11/14	MF	WSR45C	17:26:03	B	12.8	130.8	0.36	24.72	32.75	100.85	6.95	3.17	8.03	4
2014/11/14	MF	WSR45C	17:26:45	M	7.5	63.2	0.26	24.70	32.63	100.56	6.94	2.28	8.01	3
2014/11/14	MF	WSR45C	17:27:28	T	0.5	343.9	0.36	24.45	31.68	105.81	7.37	2.38	8.10	4
2014/11/14	MF	WSR45C	17:28:09	B	12.9	110.1	0.94	24.72	32.69	101.82	7.02	2.48	8.01	4
2014/11/14	MF	WSR45C	17:28:49	M	7.6	128.2	0.16	24.69	32.59	100.19	6.92	2.38	8.00	3
2014/11/14	MF	WSR45C	17:29:28	T	1.1	315.1	0.60	24.43	31.65	118.38	8.25	1.98	8.10	4
2014/11/14	MF	WSR45C	17:30:05	B	13.0	175.4	0.23	24.73	32.75	102.48	7.06	2.58	8.00	4
2014/11/14	MF	WSR45C	17:30:38	M	7.2	199.0	1.47	24.71	32.65	100.43	6.93	4.77	8.00	3
2014/11/14	MF	WSR45C	17:31:15	T	1.2	198.6	0.11	24.40	31.70	118.42	8.26	1.98	8.10	4
2014/11/14	MF	WSR46	15:31:17	B	9.3	296.4	1.08	24.60	32.16	98.00	6.79	3.27	7.92	4
2014/11/14	MF	WSR46	15:31:44	M	5.5	309.2	0.62	24.44	31.72	102.72	7.16	6.47	7.96	3
2014/11/14	MF	WSR46	15:32:15	T	1.0	5.0	0.33	24.36	31.46	113.16	7.91	3.17	8.04	5
2014/11/14	MF	WSR46	15:33:16	B	8.7	305.4	0.66	24.52	31.85	99.75	6.93	3.77	7.97	4
2014/11/14	MF	WSR46	15:34:00	M	5.5	214.3	0.35	24.43	31.69	108.29	7.55	4.57	8.01	3
2014/11/14	MF	WSR46	15:34:37	T	1.1	270.1	0.43	24.36	31.47	114.52	8.00	2.58	8.06	5
2014/11/14	MF	WSR46	15:35:25	B	9.0	53.8	0.40	24.60	32.14	99.19	6.87	2.87	7.96	4
2014/11/14	MF	WSR46	15:36:12											

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)
2014/11/14	ME	DS1	5:55:53	B	2.8	21.8	0.68	24.10	31.02	105.24	7.40	19.44	7.98	15
2014/11/14	ME	DS1	5:56:30	T	1.2	104.9	0.11	23.91	30.84	106.04	7.49	11.46	7.98	16
2014/11/14	ME	DS1	5:57:12	B	3.0	60.8	0.86	24.03	31.00	107.24	7.56	6.07	7.98	16
2014/11/14	ME	DS1	5:57:52	T	1.2	117.6	0.64	23.86	30.78	106.64	7.55	3.37	7.98	17
2014/11/14	ME	DS1	5:58:29	B	2.9	78.8	0.48	24.11	30.92	104.94	7.39	2.97	7.97	16
2014/11/14	ME	DS1	5:59:04	T	1.1	294.2	0.35	23.84	30.78	106.25	7.52	5.57	7.98	16
2014/11/14	ME	DS2	6:04:00	B	4.1	246.9	0.28	24.25	31.26	104.95	7.35	7.66	7.98	10
2014/11/14	ME	DS2	6:04:25	M	3.1	85.9	0.95	24.10	31.03	105.15	7.40	7.07	7.97	15
2014/11/14	ME	DS2	6:05:12	T	1.2	107.8	0.03	23.95	30.90	105.25	7.43	4.07	7.98	11
2014/11/14	ME	DS2	6:06:04	B	3.8	139.7	0.18	24.44	31.55	103.05	7.19	7.37	7.96	11
2014/11/14	ME	DS2	6:06:31	M	2.8	69.0	0.19	24.02	30.93	103.95	7.33	7.07	7.97	14
2014/11/14	ME	DS2	6:06:56	T	1.1	216.6	0.70	23.94	30.87	104.85	7.40	4.27	7.97	10
2014/11/14	ME	DS2	6:07:39	B	3.8	116.7	0.19	24.37	31.38	103.15	7.21	9.86	7.96	11
2014/11/14	ME	DS2	6:08:14	M	2.8	2.0	0.51	23.96	30.91	104.15	7.35	5.67	7.97	14
2014/11/14	ME	DS2	6:08:48	T	1.2	99.6	0.30	23.92	30.87	104.65	7.39	4.07	7.97	11
2014/11/14	ME	DS3	6:13:05	B	5.2	178.9	0.37	24.48	31.64	104.45	7.27	3.47	7.97	3
2014/11/14	ME	DS3	6:13:42	M	3.5	295.1	0.28	24.26	31.04	105.45	7.40	3.07	7.97	4
2014/11/14	ME	DS3	6:14:25	T	1.0	94.1	0.54	23.99	31.00	104.65	7.38	3.27	7.97	5
2014/11/14	ME	DS3	6:14:51	B	5.0	334.2	0.33	24.51	31.72	104.35	7.26	3.77	7.96	3
2014/11/14	ME	DS3	6:15:15	M	3.7	84.8	0.31	24.44	31.48	104.05	7.26	3.37	7.97	4
2014/11/14	ME	DS3	6:16:04	T	1.3	57.8	0.35	23.94	30.92	104.55	7.38	3.27	7.97	5
2014/11/14	ME	DS3	6:16:46	B	4.8	354.4	0.31	24.48	31.67	104.15	7.25	3.57	7.96	3
2014/11/14	ME	DS3	6:17:28	M	3.5	147.0	0.22	24.37	31.34	105.65	7.38	2.58	7.96	4
2014/11/14	ME	DS3	6:18:09	T	1.2	50.6	0.20	23.96	30.94	104.65	7.39	3.07	7.97	5
2014/11/14	ME	DS4	6:23:04	B	7.9	299.0	0.71	24.46	31.76	105.16	7.32	3.57	7.97	5
2014/11/14	ME	DS4	6:23:34	M	5.2	27.7	0.27	24.22	31.41	104.96	7.35	3.07	7.97	4
2014/11/14	ME	DS4	6:24:07	T	1.4	96.8	0.81	23.91	30.94	105.16	7.43	3.37	7.98	3
2014/11/14	ME	DS4	6:24:54	B	7.9	224.5	0.38	24.71	32.16	101.06	6.99	3.67	7.95	4
2014/11/14	ME	DS4	6:25:38	M	5.0	75.1	0.50	24.26	31.39	104.76	7.33	2.67	7.97	4
2014/11/14	ME	DS4	6:26:21	T	1.3	327.1	0.59	23.92	30.94	104.96	7.41	3.17	7.97	3
2014/11/14	ME	DS4	6:27:11	B	8.0	64.9	0.26	24.80	32.25	98.65	6.81	4.27	7.94	4
2014/11/14	ME	DS4	6:27:57	M	5.0	29.8	0.80	24.28	31.43	104.16	7.29	2.87	7.96	4
2014/11/14	ME	DS4	6:28:40	T	1.1	202.1	0.83	23.92	30.96	104.76	7.40	3.17	7.97	3
2014/11/14	ME	DS5	6:34:22	B	9.0	48.7	0.45	24.41	31.64	105.26	7.34	2.87	7.98	3
2014/11/14	ME	DS5	6:35:19	M	5.4	169.4	0.34	24.22	31.35	104.96	7.36	2.77	7.97	3
2014/11/14	ME	DS5	6:35:59	T	1.0	214.6	1.21	23.99	31.06	105.26	7.42	2.87	7.97	4
2014/11/14	ME	DS5	6:36:37	B	8.9	27.1	0.14	24.40	31.67	104.06	7.26	2.87	7.97	3
2014/11/14	ME	DS5	6:37:24	M	5.7	104.1	0.41	24.23	31.32	104.96	7.36	2.67	7.97	3
2014/11/14	ME	DS5	6:38:08	T	1.2	315.6	1.39	23.96	31.04	104.96	7.40	2.67	7.97	4
2014/11/14	ME	DS5	6:39:01	B	9.0	71.6	0.05	24.48	31.78	103.16	7.18	2.87	7.96	3
2014/11/14	ME	DS5	6:39:48	M	5.5	77.0	0.25	24.23	31.32	104.96	7.36	2.58	7.97	3
2014/11/14	ME	DS5	6:40:33	T	1.3	118.0	0.47	23.97	31.05	104.96	7.40	2.87	7.97	3
2014/11/14	ME	US1	6:54:59	B	3.1	325.7	0.24	23.62	30.77	109.07	7.75	3.37	8.02	5
2014/11/14	ME	US1	6:55:29	T	1.0	142.7	0.09	23.60	30.78	109.07	7.75	2.67	8.01	3
2014/11/14	ME	US1	6:56:02	B	3.0	105.2	0.91	23.62	30.79	108.67	7.72	6.27	8.01	4
2014/11/14	ME	US1	6:56:50	T	1.0	279.4	0.24	23.62	30.78	108.58	7.71	4.67	8.01	3
2014/11/14	ME	US1	6:57:19	B	2.9	126.8	0.85	23.62	30.79	108.58	7.71	5.67	8.01	5
2014/11/14	ME	US1	6:57:54	T	1.2	241.3	0.38	23.62	30.78	108.68	7.72	3.77	8.00	3
2014/11/14	ME	US2	7:02:31	B	1.9	357.5	0.64	23.60	30.87	108.98	7.74	2.48	8.01	4
2014/11/14	ME	US2	7:04:23	T	1.2	203.8	0.75	23.61	30.87	108.78	7.73	3.17	8.01	4
2014/11/14	ME	US2	7:04:53	B	2.0	238.3	0.19	23.62	30.88	108.68	7.72	2.38	8.01	4
2014/11/14	ME	US2	7:05:21	T	1.3	146.5	1.44	23.61	30.87	108.68	7.72	2.77	8.01	4
2014/11/14	ME	US2	7:05:47	B	2.0	207.6	0.59	23.61	30.88	108.78	7.73	2.18	8.00	4
2014/11/14	ME	US2	7:06:18	T	1.1	173.8	0.46	23.61	30.87	108.78	7.73	2.48	8.00	4
2014/11/14	ME	MW1	4:36:56	B	19.9	28.9	0.36	24.83	32.98	104.91	7.21	2.18	7.85	3
2014/11/14	ME	MW1	4:37:53	M	10.9	56.5	0.43	24.79	32.96	104.81	7.21	1.68	7.88	3
2014/11/14	ME	MW1	4:39:02	T	1.2	2.6	0.38	24.77	32.92	105.01	7.22	1.48	7.90	3
2014/11/14	ME	MW1	4:40:56	B	19.8	33.6	0.88	24.80	32.96	104.31	7.17	1.68	7.93	3
2014/11/14	ME	MW1	4:41:46	M	11.0	9.6	0.60	24.81	32.96	104.61	7.19	1.58	7.94	3
2014/11/14	ME	MW1	4:42:35	T	1.2	87.0	0.44	24.79	32.96	104.71	7.20	1.58	7.94	3
2014/11/14	ME	MW1	4:43:21	B	19.7	62.0	0.25	24.82	32.98	104.41	7.17	1.78	7.95	3
2014/11/14	ME	MW1	4:44:06	M	11.1	6.5	0.58	24.81	32.96	104.41	7.18	1.68	7.95	3
2014/11/14	ME	MW1	4:44:57	T	1.2	46.6	0.69	24.78	32.96	104.61	7.19	1.68	7.96	3
2014/11/14	ME	THB1	7:14:30	B	2.9	229.3	0.32	23.66	30.82	107.08	7.60	3.37	8.01	2
2014/11/14	ME	THB1	7:15:05	T	1.1	91.0	0.58	23.65	30.75	105.08	7.46	2.28	7.99	3
2014/11/14	ME	THB1	7:15:33	B	2.9	162.4	0.22	23.66	30.81	106.48	7.56	2.77	8.00	2
2014/11/14	ME	THB1	7:16:00	T	1.1	32.1	0.58	23.67	30.81	105.78	7.51	2.97	7.99	3
2014/11/14	ME	THB1	7:16:25	B	2.9	228.4	0.29	23.66	30.81	106.28	7.55	4.57	8.00	2
2014/11/14	ME	THB1	7:17:08	T	1.1	259.4	0.56	23.67	30.80	105.78	7.51	4.37	7.99	3
2014/11/14	ME	THB2	7:21:04	M	1.3	40.0	0.03	23.41	29.98	94.20	6.75	3.35	7.86	3
2014/11/14	ME	THB2	7:22:13	M	1.3	40.0	0.03	23.42	29.98	93.10	6.67	3.05	7.96	3
2014/11/14	ME	THB2	7:23:04	M	1.3	40.0	0.03	23.44	29.96	92.91	6.65	3.05	8.00	3
2014/11/14	ME	WSR45C	5:21:40	B	12.9	109.5	0.70	24.92	32.55	100.33	6.90	2.18	7.96	2
2014/11/14	ME	WSR45C	5:22:18	M	7.6	23.4	0.38	24.15	31.51	106.53	7.47	2.18	8.00	3
2014/11/14	ME	WSR45C	5:23:00	T	1.3	176.4	1.22	24.04	31.25	106.73	7.51	2.18	7.99	4
2014/11/14	ME	WSR45C	5:23:46	B	12.8	163.9	0.21	24.85	32.36	100.83	6.95	2.97	7.96	2
2014/11/14	ME	WSR45C	5:24:21	M	7.4	353.3	0.47	24.19	31.48	106.13	7.44	1.88	8.00	3
2014/11/14	ME	WSR45C	5:25:18	T	1.1	70.5	0.37	24.05	31.25	106.73	7.51	2.38	7.99	4
2014/11/14	ME	WSR45C	5:26:01	B	13.1	140.0	0.09	24.91	32.50	100.73	6.93	3.37	7.95	2
2014/11/14	ME	WSR45C	5:26:39	M	7.6	64.1	0.50	24.19	31.49	105.73	7.41	2.08	7.99	3
2014/11/14	ME	WSR45C	5:27:20	T	1.3	102.0	0.40	24.01	31.23	106.03	7.46	2.28	7.98	3
2014/11/14	ME	WSR46	7:53:47	B	9.1	114.3	0.48	24.06	32.03	106.30	7.44	7.07	8.05	5
2014/11/14	ME	WSR46	7:54:26	M	5.6	75.2	0.68	23.62	31.32	106.10	7.52	3.17	8.04	4
2014/11/14	ME	WSR46	7:55:10	T	1.1	115.1	0.34	23.53	31.08	107.00	7.60	2.48	8.03	3
2014/11/14	ME	WSR46	7:55:51	B	9.0	136.2	0.67	24.08	32.05	106.10	7.42	5.37	8.05	5
2014/11/14	ME	WSR46	7:56:43	M	5.6	100.5	0.57	23.62	31.29	106.00	7.51	3.47	8.03	4