

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)
2014/08/08	MF	DS1	16:58:01	B	2.0	56.3	0.16	29.45	19.66	99.26	6.80	14.53	7.95	6
2014/08/08	MF	DS1	16:58:41	T	0.9	180.8	0.51	29.88	18.43	107.92	7.39	5.46	7.99	6
2014/08/08	MF	DS1	16:59:12	B	2.0	162.7	0.89	29.50	19.54	100.21	6.86	15.95	7.95	6
2014/08/08	MF	DS1	16:59:50	T	0.9	281.7	0.09	29.75	18.81	105.26	7.20	8.95	7.97	6
2014/08/08	MF	DS1	17:00:16	B	2.0	65.7	0.56	29.45	19.65	99.65	6.82	14.42	7.95	5
2014/08/08	MF	DS1	17:00:43	T	1.1	69.0	0.37	29.59	19.29	102.06	6.99	11.18	7.96	6
2014/08/08	MF	DS2	17:05:06	B	2.1	185.8	0.09	29.59	19.20	103.73	7.10	12.06	7.96	8
2014/08/08	MF	DS2	17:05:46	T	1.2	212.8	1.21	29.58	19.24	104.39	7.15	11.42	7.97	8
2014/08/08	MF	DS2	17:06:32	B	1.9	346.1	1.40	29.54	19.31	102.74	7.04	15.10	7.95	8
2014/08/08	MF	DS2	17:07:13	T	1.1	243.4	0.02	29.75	18.96	109.68	7.50	9.61	8.00	8
2014/08/08	MF	DS2	17:08:06	B	1.9	159.8	0.32	29.52	19.31	102.03	6.99	11.29	7.96	8
2014/08/08	MF	DS2	17:08:39	T	1.0	108.0	0.24	29.87	18.70	109.84	7.51	9.78	8.00	8
2014/08/08	MF	DS3	17:13:06	B	1.9	160.5	0.59	29.72	19.59	105.46	7.19	10.91	7.98	9
2014/08/08	MF	DS3	17:13:48	T	0.8	343.6	0.96	30.03	19.07	108.70	7.40	8.71	7.99	8
2014/08/08	MF	DS3	17:14:22	B	1.7	141.7	0.40	29.88	19.12	108.44	7.39	8.26	7.99	9
2014/08/08	MF	DS3	17:14:58	T	0.8	330.0	1.13	30.05	19.05	109.27	7.43	8.50	7.99	8
2014/08/08	MF	DS3	17:15:47	B	2.0	250.7	0.80	29.80	19.19	107.58	7.34	8.57	7.98	8
2014/08/08	MF	DS3	17:16:21	T	1.0	280.1	0.10	30.01	19.06	109.82	7.47	8.16	7.99	7
2014/08/08	MF	DS4	17:22:15	B	3.1	135.0	0.41	29.91	20.21	116.26	7.88	12.19	8.03	20
2014/08/08	MF	DS4	17:22:46	T	1.0	57.4	0.15	30.14	19.58	122.98	8.33	8.39	8.06	14
2014/08/08	MF	DS4	17:23:10	B	2.8	247.0	0.78	29.86	20.74	113.17	7.65	16.17	8.03	19
2014/08/08	MF	DS4	17:23:37	T	1.0	158.5	0.43	30.14	19.62	123.48	8.36	8.36	8.06	13
2014/08/08	MF	DS4	17:24:17	B	2.9	23.1	0.18	29.77	21.07	108.59	7.34	17.96	8.00	20
2014/08/08	MF	DS4	17:24:57	T	0.8	171.3	0.18	30.07	19.52	120.24	8.15	7.96	8.06	14
2014/08/08	MF	DS5	17:28:59	B	5.1	112.7	0.62	29.33	21.66	90.32	6.13	15.39	7.89	11
2014/08/08	MF	DS5	17:29:25	M	3.5	221.5	0.84	29.73	21.08	105.01	7.10	12.87	8.00	9
2014/08/08	MF	DS5	17:30:05	T	0.7	222.9	0.57	30.21	19.76	139.78	9.37	6.83	8.17	11
2014/08/08	MF	DS5	17:30:45	B	5.2	328.7	0.45	28.36	22.69	68.88	4.72	14.23	7.85	9
2014/08/08	MF	DS5	17:31:29	M	3.4	218.8	0.75	29.59	21.35	100.17	6.78	14.47	7.96	11
2014/08/08	MF	DS5	17:32:10	T	0.8	304.4	0.76	30.72	19.77	140.87	9.44	6.80	8.17	9
2014/08/08	MF	DS5	17:32:58	B	5.0	212.1	0.30	28.58	22.96	67.99	4.61	12.51	7.79	12
2014/08/08	MF	DS5	17:33:41	M	3.4	115.1	0.27	29.99	20.48	118.96	8.04	11.54	8.06	15
2014/08/08	MF	DS5	17:34:13	T	0.9	124.2	0.31	30.21	19.78	140.91	9.44	6.90	8.18	12
2014/08/08	MF	US1	17:47:53	B	1.9	80.0	1.05	29.05	19.73	88.08	6.07	6.34	7.86	16
2014/08/08	MF	US1	17:48:26	T	1.1	177.3	0.21	29.39	19.29	91.79	6.30	5.14	7.89	12
2014/08/08	MF	US1	17:49:52	B	1.9	304.0	0.30	28.79	21.46	84.11	5.77	4.41	7.86	15
2014/08/08	MF	US1	17:50:37	T	1.0	180.5	0.23	29.33	19.47	90.27	6.20	4.53	7.88	11
2014/08/08	MF	US1	17:51:16	B	2.1	324.0	0.44	28.84	21.40	86.23	5.91	4.11	7.88	7
2014/08/08	MF	US1	17:52:05	T	1.0	92.7	0.34	28.98	20.77	86.78	5.95	4.45	7.87	9
2014/08/08	MF	US2	17:56:29	B	2.8	303.6	0.30	28.85	20.48	81.60	5.62	4.37	7.83	11
2014/08/08	MF	US2	17:57:10	T	1.2	112.3	0.12	29.02	20.22	82.96	5.70	4.04	7.84	7
2014/08/08	MF	US2	17:57:53	B	3.0	309.8	0.42	28.10	23.03	69.49	4.78	6.36	7.80	9
2014/08/08	MF	US2	17:58:42	T	1.1	235.2	0.31	29.12	20.02	84.85	5.83	3.91	7.85	11
2014/08/08	MF	US2	17:59:24	B	2.9	212.0	0.21	28.53	21.49	77.72	5.35	5.18	7.81	7
2014/08/08	MF	US2	18:00:03	T	1.0	251.5	0.50	29.32	19.60	90.63	6.22	4.06	7.88	9
2014/08/08	MF	MW1	18:46:52	B	17.9	255.6	0.12	25.18	31.92	39.35	2.70	11.15	7.74	12
2014/08/08	MF	MW1	18:47:44	M	10.0	216.2	0.60	25.55	31.01	40.23	2.76	7.00	7.74	12
2014/08/08	MF	MW1	18:48:52	T	1.1	217.0	0.78	27.08	26.99	63.93	4.37	4.87	7.81	13
2014/08/08	MF	MW1	18:50:02	B	18.0	13.0	0.66	25.17	31.92	38.52	2.65	10.92	7.74	12
2014/08/08	MF	MW1	18:50:55	M	9.9	178.7	0.09	26.23	29.08	45.64	3.13	6.24	7.77	12
2014/08/08	MF	MW1	18:51:47	T	1.0	338.3	1.28	27.31	26.13	63.23	4.33	4.74	7.80	12
2014/08/08	MF	MW1	18:52:58	B	18.1	2.9	0.42	25.19	31.91	38.65	2.66	10.36	7.74	13
2014/08/08	MF	MW1	18:53:55	M	10.1	324.6	0.18	25.34	31.52	39.11	2.69	7.58	7.74	12
2014/08/08	MF	MW1	18:55:23	T	1.2	252.1	1.53	27.88	24.16	61.44	4.21	3.97	7.77	12
2014/08/08	MF	THB1	18:47:36	B	2.3	292.3	0.13	29.79	19.73	102.43	6.97	18.33	7.97	20
2014/08/08	MF	THB1	18:48:33	T	1.3	150.4	1.06	29.89	19.22	105.91	7.22	18.59	8.00	19
2014/08/08	MF	THB1	18:48:59	B	2.1	225.5	0.61	29.69	19.95	101.01	6.88	20.01	7.96	20
2014/08/08	MF	THB1	18:49:36	T	1.0	190.4	0.92	29.73	19.82	101.43	6.91	17.01	7.96	19
2014/08/08	MF	THB1	18:50:24	B	2.0	234.2	0.45	29.66	19.97	100.55	6.85	17.33	7.95	20
2014/08/08	MF	THB1	18:51:12	T	1.0	160.9	0.74	29.81	19.47	104.75	7.14	16.05	7.97	18
2014/08/08	MF	THB2	18:55:21	M	1.0	40.0	0.03	31.04	18.82	120.44	8.07	14.69	8.01	22
2014/08/08	MF	THB2	18:56:09	M	1.0	40.0	0.03	31.08	18.80	122.14	8.18	14.59	8.03	22
2014/08/08	MF	THB2	18:57:35	M	1.0	40.0	0.03	31.09	18.81	122.35	8.19	14.39	8.05	21
2014/08/08	MF	WSR45C	18:10:13	B	11.9	146.4	0.25	26.28	29.11	47.05	3.22	13.34	7.74	16
2014/08/08	MF	WSR45C	18:10:58	M	7.0	45.4	0.41	26.58	28.15	47.69	3.27	11.93	7.74	14
2014/08/08	MF	WSR45C	18:11:40	T	0.9	324.1	0.66	29.47	19.25	95.22	6.53	3.79	7.92	9
2014/08/08	MF	WSR45C	18:12:36	B	11.8	194.5	0.44	26.06	29.74	43.98	3.01	14.85	7.74	16
2014/08/08	MF	WSR45C	18:13:22	M	6.8	223.0	0.38	26.59	28.09	48.48	3.32	10.00	7.75	13
2014/08/08	MF	WSR45C	18:14:18	T	1.1	154.9	0.36	29.53	19.12	96.39	6.61	3.37	7.92	8
2014/08/08	MF	WSR45C	18:15:11	B	12.0	330.7	1.19	26.04	29.75	44.15	3.03	13.59	7.74	16
2014/08/08	MF	WSR45C	18:15:53	M	7.3	344.4	0.18	26.50	28.35	48.67	3.34	7.72	7.75	13
2014/08/08	MF	WSR45C	18:16:36	T	1.0	212.2	0.77	29.66	18.56	94.72	6.50	3.88	7.92	9
2014/08/08	MF	WSR46	18:15:51	B	7.9	267.0	0.74	26.82	27.38	50.26	3.45	21.75	7.71	9
2014/08/08	MF	WSR46	18:16:35	M	4.8	311.4	1.09	28.27	22.72	65.53	4.57	7.56	7.75	7
2014/08/08	MF	WSR46	18:17:03	T	1.2	263.4	0.81	29.79	18.17	101.08	6.94	4.01	7.94	4
2014/08/08	MF	WSR46	18:17:54	B	8.1	239.6	0.34	26.77	27.62	51.10	3.50	24.75	7.74	9
2014/08/08	MF	WSR46	18:18:41	M	5.1	318.3	0.60	28.51	23.07	72.23	4.93	7.57	7.81	8
2014/08/08	MF	WSR46	18:19:27	T	0.9	198.0	0.47	29.88	18.62	110.98	7.59	4.01	7.96	4
2014/08/08	MF	WSR46	18:20:16	B	8.3	290.8	0.93	26.77	27.65	51.06	3.50	26.46	7.74	9
2014/08/08	MF	WSR46	18:20:58	M	5.1	259.3	0.46	28.57	22.67	74.84	5.11	7.30	7.83	7
2014/08/08	MF	WSR46	18:21:42	T	1.1	249.9	1.03	29.81	19.08	118.62	8.10	3.90	8.05	4

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)
2014/08/08	ME	DS1	12:00:56	B	3.1	302.6	0.17	29.62	18.91	102.12	7.00	8.98	7.91	12
2014/08/08	ME	DS1	12:01:33	T	1.1	92.1	0.41	29.46	18.54	99.08	6.83	5.93	7.89	7
2014/08/08	ME	DS1	12:02:16	B	2.9	317.1	0.27	29.55	19.84	110.94	7.58	11.72	7.94	12
2014/08/08	ME	DS1	12:02:47	T	1.1	319.7	0.76	29.50	18.76	102.73	7.06	6.36	7.93	7
2014/08/08	ME	DS1	12:03:24	B	3.0	223.1	0.44	29.72	19.54	108.32	7.39	5.19	7.97	12
2014/08/08	ME	DS1	12:03:53	T	1.2	115.7	0.20	29.45	18.67	100.56	6.92	6.09	7.91	7
2014/08/08	ME	DS2	12:10:13	B	3.2	276.1	0.62	29.14	19.15	95.16	6.57	3.52	7.86	5
2014/08/08	ME	DS2	12:10:46	T	1.2	65.3	0.12	29.15	18.95	94.44	6.52	3.84	7.86	5
2014/08/08	ME	DS2	12:11:15	B	3.1	18.2	1.14	29.11	19.37	94.73	6.53	3.48	7.86	5
2014/08/08	ME	DS2	12:11:41	T	1.2	303.4	0.85	29.14	19.10	94.85	6.55	3.72	7.86	5
2014/08/08	ME	DS2	12:12:10	B	3.0	14.6	0.41	29.14	19.11	94.54	6.53	3.68	7.86	5
2014/08/08	ME	DS2	12:12:48	T	1.0	114.8	0.24	29.14	19.07	94.41	6.52	4.09	7.86	5
2014/08/08	ME	DS3	12:17:49	B	5.1	226.3	0.39	28.87	20.51	90.61	6.24	4.03	7.85	7
2014/08/08	ME	DS3	12:18:16	M	3.6	228.0	0.56	29.01	19.99	92.78	6.39	4.55	7.86	8
2014/08/08	ME	DS3	12:18:59	T	1.0	57.7	1.70	29.59	18.92	100.69	6.91	3.67	7.88	6
2014/08/08	ME	DS3	12:19:43	B	5.0	136.1	0.46	29.37	19.11	90.11	6.21	3.49	7.85	7
2014/08/08	ME	DS3	12:20:16	M	3.4	352.8	0.52	29.24	19.68	96.64	6.64	3.41	7.87	8
2014/08/08	ME	DS3	12:20:45	T	1.2	161.7	0.33	29.67	19.14	105.02	7.18	3.07	7.91	6
2014/08/08	ME	DS3	12:21:31	B	5.2	1.3	0.17	28.73	20.84	85.22	5.87	5.14	7.83	8
2014/08/08	ME	DS3	12:22:13	M	3.6	18.8	0.88	29.06	19.94	94.26	6.49	3.68	7.87	8
2014/08/08	ME	DS3	12:22:55	T	1.1	222.4	0.93	29.56	18.83	100.69	6.91	3.87	7.89	6
2014/08/08	ME	DS4	12:28:06	B	7.8	15.3	0.58	27.57	25.25	65.14	4.46	8.95	7.74	12
2014/08/08	ME	DS4	12:28:33	M	5.0	42.9	0.63	28.08	22.24	75.92	5.24	6.82	7.76	12
2014/08/08	ME	DS4	12:29:18	T	1.0	4.3	0.13	29.26	19.21	94.50	6.51	3.67	7.87	5
2014/08/08	ME	DS4	12:30:02	B	8.1	96.7	0.52	27.59	25.25	65.22	4.47	8.73	7.75	12
2014/08/08	ME	DS4	12:30:45	M	5.0	178.4	0.40	28.34	22.27	76.66	5.27	5.57	7.80	12
2014/08/08	ME	DS4	12:31:30	T	1.1	70.5	0.83	29.29	19.29	96.00	6.60	3.54	7.87	5
2014/08/08	ME	DS4	12:32:16	B	8.1	103.7	0.52	27.55	25.30	64.31	4.41	7.42	7.74	12
2014/08/08	ME	DS4	12:32:45	M	5.0	34.4	0.16	28.22	22.25	73.27	5.05	6.74	7.76	13
2014/08/08	ME	DS4	12:33:20	T	1.1	322.1	0.24	29.32	18.76	93.28	6.43	3.66	7.85	5
2014/08/08	ME	DS5	12:38:30	B	8.5	172.7	0.24	27.26	26.18	61.82	4.23	5.88	7.73	5
2014/08/08	ME	DS5	12:39:13	M	5.2	236.8	0.34	28.59	20.90	85.15	5.87	3.53	7.81	6
2014/08/08	ME	DS5	12:39:59	T	1.1	117.2	0.50	29.40	18.02	93.49	6.46	3.65	7.84	4
2014/08/08	ME	DS5	12:40:43	B	9.0	99.4	0.77	26.80	27.83	56.79	3.88	11.83	7.73	5
2014/08/08	ME	DS5	12:41:25	M	5.6	49.4	0.17	28.38	21.97	78.58	5.41	4.06	7.80	6
2014/08/08	ME	DS5	12:42:22	T	0.9	110.8	1.00	29.65	16.95	93.97	6.51	3.76	7.83	4
2014/08/08	ME	DS5	12:43:37	B	8.9	190.0	0.63	26.97	27.06	60.11	4.12	5.97	7.74	5
2014/08/08	ME	DS5	12:44:20	M	5.5	255.2	0.63	28.48	21.37	80.42	5.54	3.85	7.81	6
2014/08/08	ME	DS5	12:44:52	T	0.9	143.6	0.88	29.50	17.56	93.56	6.48	3.78	7.85	4
2014/08/08	ME	US1	11:50:59	B	2.1	105.1	1.03	29.53	20.57	109.51	7.48	6.00	7.98	12
2014/08/08	ME	US1	11:51:26	T	0.9	60.1	0.62	29.74	19.99	117.70	8.01	14.50	8.02	14
2014/08/08	ME	US1	11:52:10	B	1.9	63.6	0.91	29.59	20.72	112.05	7.61	4.60	8.00	12
2014/08/08	ME	US1	11:52:49	T	1.1	29.7	0.37	29.78	19.88	125.36	8.53	12.81	8.07	14
2014/08/08	ME	US1	11:53:20	B	2.1	62.6	0.46	29.57	20.34	117.23	7.98	5.00	8.04	12
2014/08/08	ME	US1	11:53:51	T	1.1	197.5	0.56	29.79	19.87	128.86	8.76	10.60	8.08	14
2014/08/08	ME	US2	11:42:14	B	2.0	104.0	0.33	29.56	20.19	108.37	7.38	5.43	8.01	7
2014/08/08	ME	US2	11:43:00	T	1.1	26.1	0.62	29.63	19.85	122.74	8.37	4.49	8.07	6
2014/08/08	ME	US2	11:43:40	B	2.1	299.9	1.10	29.37	20.75	97.37	6.63	6.46	7.92	7
2014/08/08	ME	US2	11:44:24	T	0.9	259.2	0.26	29.70	19.74	127.90	8.72	4.30	8.09	6
2014/08/08	ME	US2	11:44:50	B	2.0	298.5	0.89	29.45	20.61	98.84	6.73	5.81	7.91	7
2014/08/08	ME	US2	11:45:32	T	1.0	303.3	0.11	29.72	19.81	122.14	8.32	4.58	8.06	6
2014/08/08	ME	MW1	09:53:55	B	17.7	42.8	0.46	25.56	31.12	42.98	2.95	4.10	7.68	8
2014/08/08	ME	MW1	09:54:49	M	10.1	301.2	0.04	27.71	23.74	77.68	5.35	2.28	7.85	5
2014/08/08	ME	MW1	09:55:33	T	1.1	70.1	0.62	28.67	20.12	94.36	6.53	2.07	7.91	5
2014/08/08	ME	MW1	09:56:42	B	17.8	350.7	0.47	25.43	31.40	41.68	2.86	6.74	7.74	9
2014/08/08	ME	MW1	09:57:44	M	10.3	37.6	0.76	27.70	23.79	77.68	5.35	2.29	7.88	5
2014/08/08	ME	MW1	09:58:31	T	1.0	77.0	0.89	29.10	19.28	98.21	6.78	2.13	7.95	5
2014/08/08	ME	MW1	09:59:42	B	18.0	49.9	0.69	25.42	31.47	41.84	2.87	8.30	7.76	8
2014/08/08	ME	MW1	10:00:25	M	10.1	251.1	0.83	27.78	23.48	76.94	5.30	2.31	7.88	5
2014/08/08	ME	MW1	10:01:10	T	1.1	61.1	1.58	29.00	19.55	97.70	6.74	2.03	7.96	5
2014/08/08	ME	THB1	11:18:30	B	3.2	171.2	1.21	29.54	20.78	95.85	6.51	10.51	7.92	15
2014/08/08	ME	THB1	11:19:19	T	0.8	255.4	0.30	29.78	20.00	115.81	7.87	4.21	8.04	9
2014/08/08	ME	THB1	11:20:20	B	3.1	50.6	1.56	28.88	22.10	72.08	4.92	9.79	7.74	15
2014/08/08	ME	THB1	11:21:00	T	1.2	143.2	0.12	29.76	20.44	122.07	8.28	4.32	8.07	9
2014/08/08	ME	THB1	11:22:01	B	2.9	163.6	1.58	29.15	21.27	86.05	5.87	5.54	7.87	15
2014/08/08	ME	THB1	11:22:45	T	0.9	116.3	0.11	29.81	19.78	125.27	8.52	3.46	8.08	9
2014/08/08	ME	THB2	11:23:30	M	1.2	40.0	0.03	30.11	18.96	93.70	6.37	11.29	7.90	4
2014/08/08	ME	THB2	11:24:17	M	1.2	40.0	0.03	30.08	18.94	94.27	6.41	9.79	7.91	4
2014/08/08	ME	THB2	11:26:11	M	1.2	40.0	0.03	30.09	18.94	97.66	6.64	6.59	7.95	4
2014/08/08	ME	WSR45C	10:41:52	B	12.0	147.3	0.82	25.96	30.16	46.07	3.16	14.67	7.75	8
2014/08/08	ME	WSR45C	10:42:43	M	6.9	154.6	0.09	28.60	20.06	81.93	5.88	4.01	7.86	8
2014/08/08	ME	WSR45C	10:43:27	T	1.0	127.6	0.89	28.95	18.09	86.93	6.05	4.13	7.86	9
2014/08/08	ME	WSR45C	10:44:15	B	12.1	305.3	0.09	26.01	30.02	47.81	3.27	13.58	7.75	8
2014/08/08	ME	WSR45C	10:45:00	M	7.1	1.2	0.62	28.63	20.04	82.84	5.74	3.93	7.86	8
2014/08/08	ME	WSR45C	10:45:45	T	1.0	92.4	0.97	29.01	17.90	88.12	6.14	3.59	7.86	9
2014/08/08	ME	WSR45C	10:46:35	B	12.0	74.3	0.33	25.98	30.08	46.18	3.16	14.45	7.74	8
2014/08/08	ME	WSR45C	10:47:17	M	7.2	30.5	0.65	28.61	20.04	82.07	5.69	4.03	7.86	8
2014/08/08	ME	WSR45C	10:48:04	T	0.9	83.7	0.39	29.20	17.04	89.48	6.24	3.59	7.86	9
2014/08/08	ME	WSR46	13:04:29	B	8.1	98.0	0.50	27.65	24.86	58.22	3.99	10.05	7.69	11
2014/08/08	ME	WSR46	13:05:14	M	4.9	123.3	0.73	28.82	19.90	77.25	5.34	4.59	7.73	5
2014/08/08	ME	WSR46	13:05:53	T	1.0	83.8	1.45	30.08	15.69	90.77	6.29	4.04	7.75	4
2014/08/08	ME	WSR46	13:06:36	B	8.5	62.9	0.24	27.62	25.04	58.46	4.01	10.54	7.69	10
2014/08/08	ME	WSR46	13:07:51	M	4.8	126.0	0.67	28.80	20.02	76.18	5.26	5.00	7.72	5
2014/08/08	ME	WSR46	13:08:33	T	1.1	134.6	1.46	30.10	15.62	91.09	6.31	3.96	7.75	4
2014/08/08	ME	WSR46	13:09:16	B	8.1	6.7	0.44	27.68	24.83	59.25	4.06	10.98	7.69	11
2014/08/08	ME	WSR46	13:10:09	M	4.8	91.1	1.11	28.91	19.54					