

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)
2013/11/07	MF	DS1	8:50:58	B	2.0	283.5	0.33	24.83	30.14	88.57	6.18	87.06	8.06	155
2013/11/07	MF	DS1	8:51:49	T	1.0	194.4	0.40	24.83	30.16	88.47	6.18	87.16	8.08	80
2013/11/07	MF	DS1	8:53:50	B	2.0	235.7	0.54	24.85	30.20	88.08	6.15	69.14	8.09	160
2013/11/07	MF	DS1	8:55:12	T	1.0	303.4	0.71	24.85	30.21	88.09	6.15	65.34	8.08	82
2013/11/07	MF	DS1	8:56:13	B	2.0	311.0	0.30	24.84	30.20	88.00	6.14	87.36	8.09	163
2013/11/07	MF	DS1	8:57:41	T	1.0	341.6	0.29	24.82	30.18	88.31	6.17	59.33	8.09	84
2013/11/07	MF	DS2	9:08:12	B	2.0	311.1	0.43	24.87	30.22	88.77	6.19	18.99	8.04	27
2013/11/07	MF	DS2	9:09:13	T	1.0	202.6	0.68	24.87	30.22	88.78	6.19	20.29	8.05	26
2013/11/07	MF	DS2	9:10:21	B	2.0	280.2	0.43	24.88	30.22	88.59	6.18	21.09	8.05	27
2013/11/07	MF	DS2	9:11:12	T	1.0	202.6	0.68	24.89	30.21	88.89	6.20	19.79	8.06	27
2013/11/07	MF	DS2	9:12:11	B	2.0	280.2	0.43	24.87	30.21	88.50	6.17	21.99	8.06	27
2013/11/07	MF	DS2	9:13:15	T	1.0	302.6	0.71	24.87	30.21	88.70	6.19	20.19	8.06	27
2013/11/07	MF	DS3	9:21:27	B	2.0	312.6	0.62	24.85	30.28	89.06	6.21	26.80	8.09	32
2013/11/07	MF	DS3	9:22:14	T	1.0	308.9	0.60	24.86	30.27	89.26	6.22	21.69	8.09	25
2013/11/07	MF	DS3	9:23:11	B	2.0	312.6	0.62	24.85	30.27	88.97	6.20	27.70	8.10	34
2013/11/07	MF	DS3	9:24:13	T	1.0	149.7	0.60	24.86	30.26	89.17	6.22	20.69	8.09	24
2013/11/07	MF	DS3	9:25:18	B	2.0	232.2	0.05	24.85	30.26	88.88	6.20	26.40	8.10	34
2013/11/07	MF	DS3	9:26:23	T	1.0	189.9	0.69	24.85	30.25	88.99	6.21	21.89	8.10	23
2013/11/07	MF	DS4	9:34:12	B	3.0	2.1	0.25	24.88	30.27	88.63	6.18	25.10	8.09	31
2013/11/07	MF	DS4	9:35:12	T	1.0	246.6	0.32	24.88	30.27	88.44	6.16	20.09	8.07	26
2013/11/07	MF	DS4	9:36:12	B	3.0	310.7	0.34	24.88	30.27	88.04	6.14	24.89	8.08	30
2013/11/07	MF	DS4	9:37:12	T	1.0	276.7	0.26	24.88	30.27	88.45	6.17	21.29	8.09	26
2013/11/07	MF	DS4	9:38:12	B	3.0	17.7	0.26	24.88	30.27	87.85	6.12	22.69	8.09	30
2013/11/07	MF	DS4	9:39:15	T	1.0	209.7	0.15	24.88	30.26	88.56	6.17	19.19	8.09	26
2013/11/07	MF	DS5	9:46:17	B	5.0	80.4	0.77	24.84	30.35	89.11	6.21	19.29	8.05	23
2013/11/07	MF	DS5	9:47:13	T	3.5	232.3	0.22	24.86	30.30	88.41	6.16	16.79	8.05	20
2013/11/07	MF	DS5	9:48:12	T	1.0	278.7	0.39	24.86	30.24	88.72	6.18	14.48	8.06	14
2013/11/07	MF	DS5	9:49:13	B	5.0	91.6	0.11	24.94	30.39	88.32	6.16	19.59	8.06	23
2013/11/07	MF	DS5	9:50:13	M	3.5	288.6	0.16	24.90	30.34	88.13	6.14	17.09	8.06	20
2013/11/07	MF	DS5	9:51:13	T	1.0	337.2	0.32	24.94	30.24	88.34	6.15	14.48	8.06	14
2013/11/07	MF	DS5	9:52:18	B	4.8	108.2	0.37	24.86	30.37	88.14	6.14	21.09	8.07	21
2013/11/07	MF	DS5	9:53:17	M	3.5	37.9	0.49	24.89	30.36	88.15	6.14	16.59	8.07	20
2013/11/07	MF	DS5	9:54:16	T	1.0	313.1	0.21	24.94	30.24	88.66	6.17	13.78	8.07	15
2013/11/07	MF	US1	10:26:31	B	3.0	315.5	0.41	25.01	30.49	90.97	6.32	16.19	8.04	19
2013/11/07	MF	US1	10:27:26	T	1.0	84.2	0.10	25.04	30.48	90.98	6.32	15.49	8.03	19
2013/11/07	MF	US1	10:28:24	B	3.1	315.5	0.41	25.03	30.47	90.38	6.28	16.99	8.01	19
2013/11/07	MF	US1	10:29:19	T	1.0	84.2	0.10	25.04	30.47	90.69	6.30	15.79	8.01	18
2013/11/07	MF	US1	10:30:13	B	3.0	98.6	0.34	25.03	30.47	90.29	6.27	17.39	8.01	20
2013/11/07	MF	US1	10:31:19	T	1.0	316.3	0.48	25.04	30.47	90.60	6.29	14.28	8.01	18
2013/11/07	MF	US2	10:37:16	B	3.0	204.3	0.59	25.08	30.42	90.84	6.31	12.48	8.00	16
2013/11/07	MF	US2	10:38:16	T	1.0	262.2	0.27	25.10	30.42	90.55	6.30	11.88	8.00	12
2013/11/07	MF	US2	10:39:24	B	3.0	272.6	0.61	25.05	30.43	90.35	6.27	15.09	8.00	17
2013/11/07	MF	US2	10:40:34	T	0.8	223.6	0.67	25.11	30.41	90.76	6.30	12.58	8.00	14
2013/11/07	MF	US2	10:41:38	B	3.0	0.2	0.50	25.07	30.42	90.46	6.28	13.58	8.00	16
2013/11/07	MF	US2	10:42:44	T	1.0	356.0	1.11	25.11	30.41	90.77	6.30	11.58	8.00	13
2013/11/07	MF	MW1	9:05:11	B	19.1	222.3	0.54	25.08	31.32	85.81	5.93	21.13	7.92	24
2013/11/07	MF	MW1	9:06:36	M	10.5	23.8	0.57	25.08	31.28	86.17	5.95	19.65	7.93	19
2013/11/07	MF	MW1	9:07:36	T	1.0	244.2	0.14	25.10	31.25	86.55	5.98	13.68	7.94	18
2013/11/07	MF	MW1	9:08:43	B	19.0	38.3	0.73	25.08	31.34	85.79	5.92	19.73	7.93	24
2013/11/07	MF	MW1	9:09:45	M	10.7	214.4	0.30	25.08	31.28	86.23	5.96	19.56	7.94	19
2013/11/07	MF	MW1	9:10:43	T	1.0	312.2	0.43	25.09	31.31	86.12	5.95	16.96	7.94	18
2013/11/07	MF	MW1	9:12:29	B	19.2	68.7	1.09	25.08	31.34	85.89	5.93	21.17	7.94	24
2013/11/07	MF	MW1	9:13:24	M	10.9	152.3	0.26	25.08	31.28	86.28	5.96	18.46	7.94	20
2013/11/07	MF	MW1	9:14:34	T	1.0	274.0	0.19	25.10	31.25	86.69	5.99	13.38	7.95	18
2013/11/07	MF	THB1	10:13:24	B	3.1	64.8	1.10	24.99	30.91	88.41	6.13	12.23	7.97	17
2013/11/07	MF	THB1	10:14:08	T	1.1	196.2	0.63	24.99	30.91	88.11	6.11	15.65	7.96	17
2013/11/07	MF	THB1	10:15:13	B	3.0	7.7	0.37	24.99	30.91	88.00	6.10	13.05	7.96	17
2013/11/07	MF	THB1	10:16:11	T	0.9	245.4	0.25	25.00	30.91	88.27	6.12	11.55	7.96	17
2013/11/07	MF	THB1	10:17:18	B	3.0	326.5	0.41	24.99	30.91	88.10	6.11	12.08	7.96	17
2013/11/07	MF	THB1	10:18:10	T	1.0	24.3	0.29	25.00	30.91	88.38	6.13	12.41	7.96	17
2013/11/07	MF	THB2	10:20:05	M	1.3	40.0	0.03	25.31	30.79	79.44	5.48	6.95	7.89	11
2013/11/07	MF	THB2	10:21:03	M	1.3	40.0	0.03	25.30	30.82	77.86	5.37	6.85	7.89	11
2013/11/07	MF	THB2	10:22:05	M	1.3	40.0	0.03	25.30	30.83	77.29	5.33	7.05	7.90	10
2013/11/07	MF	WSR45C	9:44:31	B	11.9	257.4	1.11	25.01	30.98	88.51	6.13	36.90	7.97	41
2013/11/07	MF	WSR45C	9:45:36	M	7.0	197.5	0.57	25.02	30.95	88.67	6.14	24.85	7.96	30
2013/11/07	MF	WSR45C	9:46:43	T	1.0	288.1	0.69	25.10	30.90	89.69	6.21	11.14	7.96	15
2013/11/07	MF	WSR45C	9:48:01	B	11.9	295.2	0.18	25.02	30.96	88.45	6.13	32.43	7.96	42
2013/11/07	MF	WSR45C	9:49:13	M	7.0	18.6	0.38	25.02	30.95	88.53	6.13	26.82	7.96	32
2013/11/07	MF	WSR45C	9:50:13	T	0.9	220.8	0.59	25.06	30.92	89.40	6.19	17.31	7.96	15
2013/11/07	MF	WSR45C	9:51:34	B	12.1	314.6	0.10	25.02	30.95	88.33	6.12	29.36	7.96	40
2013/11/07	MF	WSR45C	9:52:38	M	7.2	261.9	0.61	25.02	30.94	88.51	6.13	21.23	7.96	30
2013/11/07	MF	WSR45C	9:53:42	T	1.1	259.1	0.66	25.12	30.91	89.96	6.22	9.95	7.96	16
2013/11/07	MF	WSR46	10:56:54	B	9.1	279.5	0.68	24.98	31.00	90.18	6.25	12.50	7.97	13
2013/11/07	MF	WSR46	10:58:12	M	5.6	320.0	0.61	24.98	31.00	90.18	6.25	10.74	7.96	11
2013/11/07	MF	WSR46	10:59:23	T	0.9	254.5	1.04	25.01	31.00	90.59	6.28	9.81	7.96	9
2013/11/07	MF	WSR46	11:00:23	B	8.9	283.6	1.00	24.98	31.00	90.15	6.25	11.45	7.96	12
2013/11/07	MF	WSR46	11:01:22	M	5.4	343.9	0.29	24.98	31.00	90.22	6.25	11.02	7.96	12
2013/11/07	MF	WSR46	11:02:19	T	0.9	279.6	0.53	25.01	31.00	90.49	6.27	10.25	7.96	10
2013/11/07	MF	WSR46	11:03:24	B	8.9	273.3	0.81	24.99	30.99	90.14	6.25	11.11	7.96	11
2013/11/07	MF	WSR46	11:04:27	M	5.5	216.9	0.43	24.98	31.00	90.09	6.24	11.58	7.95	11
2013/11/07	MF	WSR46	11:05:25	T	1.1	263.4	0.48	25.04	30.98	90.84	6.29	9.00	7.96	9

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)
2013/11/07	ME	DS1	14:26:40	B	3.0	333.0	0.67	25.28	30.29	93.88	6.50	10.98	8.01	15
2013/11/07	ME	DS1	14:27:44	T	1.1	251.9	0.44	25.35	30.31	93.78	6.48	11.48	8.01	10
2013/11/07	ME	DS1	14:28:30	B	3.0	12.4	0.46	25.30	30.34	93.48	6.47	10.78	8.03	13
2013/11/07	ME	DS1	14:29:37	T	1.0	336.2	0.59	25.36	30.34	93.78	6.48	11.78	8.03	10
2013/11/07	ME	DS1	14:30:27	B	3.0	25.5	0.17	25.35	30.34	93.69	6.48	10.88	8.04	14
2013/11/07	ME	DS1	14:31:15	T	1.0	333.8	0.15	25.39	30.34	93.69	6.49	11.48	8.04	9
2013/11/07	ME	DS2	14:36:50	B	4.0	46.0	1.14	25.15	30.37	91.90	6.37	8.38	8.03	7
2013/11/07	ME	DS2	14:37:42	M	3.0	251.7	1.00	25.25	30.34	92.00	6.37	8.38	8.03	7
2013/11/07	ME	DS2	14:38:29	T	1.0	229.5	0.67	25.34	30.34	92.71	6.41	7.78	8.03	6
2013/11/07	ME	DS2	14:39:18	B	4.0	57.1	0.34	25.20	30.35	91.61	6.35	8.98	8.03	8
2013/11/07	ME	DS2	14:40:13	M	3.0	122.9	0.47	25.43	30.34	92.61	6.40	7.88	8.03	7
2013/11/07	ME	DS2	14:41:12	T	1.0	353.5	0.63	25.36	30.34	92.91	6.42	7.48	8.03	7
2013/11/07	ME	DS2	14:42:11	B	4.0	112.0	0.24	25.23	30.34	91.81	6.36	8.38	8.03	7
2013/11/07	ME	DS2	14:43:10	M	3.0	333.6	1.01	25.31	30.34	92.42	6.39	7.98	8.03	6
2013/11/07	ME	DS2	14:44:09	T	1.0	342.1	0.80	25.34	30.34	92.92	6.42	7.68	8.03	7
2013/11/07	ME	DS3	14:50:16	B	7.0	96.8	0.25	25.09	30.40	89.23	6.19	12.88	8.01	14
2013/11/07	ME	DS3	14:51:14	M	4.5	318.0	0.57	25.32	30.34	91.54	6.33	8.38	8.02	8
2013/11/07	ME	DS3	14:52:14	T	1.0	333.3	0.26	25.41	30.34	92.74	6.40	7.98	8.02	6
2013/11/07	ME	DS3	14:53:22	B	7.0	330.3	0.14	25.09	30.40	88.94	6.17	12.78	8.01	14
2013/11/07	ME	DS3	14:54:16	M	4.5	183.4	0.32	25.30	30.34	91.64	6.34	8.18	8.01	9
2013/11/07	ME	DS3	14:55:20	T	1.0	333.3	0.26	25.38	30.34	92.55	6.39	8.08	8.01	8
2013/11/07	ME	DS3	14:56:17	B	6.6	23.2	0.35	25.09	30.40	89.24	6.19	12.58	8.01	14
2013/11/07	ME	DS3	14:57:40	M	4.5	73.1	0.11	25.27	30.35	91.65	6.34	8.38	8.01	9
2013/11/07	ME	DS3	14:58:39	T	1.0	249.4	0.53	25.37	30.34	92.36	6.38	7.88	8.01	8
2013/11/07	ME	DS4	15:05:37	B	5.0	51.5	0.58	25.16	30.45	88.77	6.15	12.98	7.99	16
2013/11/07	ME	DS4	15:06:21	M	3.5	10.8	0.50	25.17	30.44	88.67	6.14	12.88	7.99	12
2013/11/07	ME	DS4	15:07:18	T	1.0	335.2	0.54	25.25	30.39	89.97	6.23	10.18	8.00	11
2013/11/07	ME	DS4	15:08:13	B	5.0	136.6	0.42	25.17	30.44	88.37	6.12	14.78	7.99	17
2013/11/07	ME	DS4	15:09:13	M	3.5	97.8	0.10	25.19	30.39	89.48	6.20	10.88	8.00	12
2013/11/07	ME	DS4	15:10:11	T	1.0	191.9	0.82	25.29	30.36	91.08	6.30	8.88	8.00	11
2013/11/07	ME	DS4	15:11:16	B	5.0	292.8	0.25	25.15	30.43	88.48	6.13	13.78	7.99	15
2013/11/07	ME	DS4	15:12:13	M	3.5	32.4	0.51	25.16	30.39	89.68	6.22	10.58	8.00	12
2013/11/07	ME	DS4	15:13:14	T	1.0	331.4	0.41	25.34	30.35	91.89	6.35	8.08	8.00	11
2013/11/07	ME	DS5	15:18:19	B	6.0	340.6	0.28	25.29	30.52	89.10	6.17	14.38	7.98	15
2013/11/07	ME	DS5	15:19:22	M	4.0	63.3	0.68	25.10	30.42	88.40	6.13	15.69	7.99	16
2013/11/07	ME	DS5	15:20:15	T	1.0	288.0	1.57	25.17	30.38	90.20	6.25	10.58	7.99	12
2013/11/07	ME	DS5	15:21:15	B	6.0	174.4	0.23	25.17	30.49	88.50	6.13	14.08	7.99	16
2013/11/07	ME	DS5	15:22:14	M	4.0	63.8	0.27	25.13	30.43	88.50	6.14	12.78	7.99	15
2013/11/07	ME	DS5	15:23:16	T	1.0	288.0	1.57	25.19	30.37	90.61	6.28	9.98	8.00	11
2013/11/07	ME	DS5	15:24:15	B	6.0	119.1	0.38	25.18	30.53	88.21	6.11	12.68	7.98	17
2013/11/07	ME	DS6	15:25:15	M	4.0	121.6	0.25	25.13	30.43	89.41	6.13	13.43	7.99	15
2013/11/07	ME	DS5	15:26:15	T	1.0	100.8	0.39	25.20	30.36	90.72	6.29	9.78	8.00	11
2013/11/07	ME	US1	16:00:28	B	3.0	99.4	0.28	25.18	30.39	92.51	6.41	12.48	8.01	16
2013/11/07	ME	US1	16:01:25	T	1.0	54.5	0.82	25.36	30.27	97.23	6.72	9.98	8.02	11
2013/11/07	ME	US1	16:02:16	B	3.0	22.5	0.22	25.19	30.35	93.12	6.45	13.18	8.01	17
2013/11/07	ME	US1	16:03:14	T	1.0	21.8	0.97	25.36	30.25	96.93	6.70	10.58	8.02	10
2013/11/07	ME	US1	16:04:18	B	3.0	123.0	0.24	25.21	30.32	92.92	6.44	13.68	8.00	17
2013/11/07	ME	US1	16:05:32	T	1.0	61.8	0.36	25.36	30.24	97.04	6.71	11.08	8.01	10
2013/11/07	ME	US2	16:11:27	B	2.1	34.3	0.16	25.32	30.24	95.65	6.62	10.48	8.00	9
2013/11/07	ME	US2	16:13:21	T	1.0	337.2	0.18	25.37	30.22	97.36	6.73	9.38	8.01	7
2013/11/07	ME	US2	16:14:12	B	2.0	305.0	0.54	25.29	30.24	94.85	6.57	10.68	8.01	9
2013/11/07	ME	US2	16:15:13	T	1.0	270.3	0.59	25.35	30.22	96.96	6.71	9.38	8.01	8
2013/11/07	ME	US2	16:16:13	B	2.0	31.1	0.18	25.30	30.23	95.56	6.61	10.38	8.01	7
2013/11/07	ME	US2	16:17:15	T	1.0	318.8	0.34	25.34	30.22	96.57	6.68	9.78	8.01	8
2013/11/07	ME	MW1	16:12:08	B	19.1	121.3	0.50	25.17	31.47	86.97	5.99	9.63	7.93	12
2013/11/07	ME	MW1	16:13:32	M	10.6	65.6	0.29	25.16	31.48	86.61	5.97	9.12	7.93	9
2013/11/07	ME	MW1	16:14:13	T	1.1	63.1	0.60	25.19	31.45	87.31	6.01	8.06	7.93	9
2013/11/07	ME	MW1	16:15:30	B	18.9	132.1	0.61	25.17	31.47	86.49	5.96	8.77	7.92	10
2013/11/07	ME	MW1	16:16:31	M	10.6	269.2	0.63	25.18	31.46	86.74	5.98	8.34	7.92	9
2013/11/07	ME	MW1	16:17:16	T	1.1	246.2	0.52	25.19	31.45	87.30	6.01	7.45	7.93	9
2013/11/07	ME	MW1	16:18:46	B	19.0	48.9	0.09	25.17	31.46	86.54	5.96	9.41	7.92	11
2013/11/07	ME	MW1	16:19:28	M	10.6	86.4	0.42	25.19	31.45	86.86	5.98	8.89	7.93	11
2013/11/07	ME	MW1	16:20:22	T	0.9	142.2	1.58	25.18	31.45	87.00	5.99	7.72	7.93	10
2013/11/07	ME	THB1	14:51:40	B	2.9	154.4	0.56	25.06	30.91	89.28	6.18	13.45	7.98	11
2013/11/07	ME	THB1	14:52:33	T	1.1	74.1	0.81	25.10	30.88	89.57	6.20	12.23	7.98	9
2013/11/07	ME	THB1	14:53:45	B	3.1	250.7	0.10	25.09	30.91	90.84	6.29	10.63	7.98	10
2013/11/07	ME	THB1	14:54:53	T	0.9	52.0	0.38	25.26	30.86	92.21	6.37	9.30	7.97	9
2013/11/07	ME	THB1	14:55:32	B	3.0	34.8	0.17	25.14	30.91	92.53	6.40	9.42	7.98	10
2013/11/07	ME	THB1	14:56:31	T	1.0	113.6	0.35	25.14	30.90	92.69	6.41	8.86	7.98	9
2013/11/07	ME	THB2	14:58:37	M	1.4	40.0	0.03	25.65	30.89	89.84	6.16	10.05	7.84	10
2013/11/07	ME	THB2	14:59:31	M	1.4	40.0	0.03	25.53	30.93	89.13	6.12	10.15	7.85	10
2013/11/07	ME	THB2	15:00:14	M	1.4	40.0	0.03	25.14	31.03	88.72	6.13	11.95	7.86	8
2013/11/07	ME	WSR45C	15:33:27	B	12.8	141.9	0.22	25.10	31.34	86.82	5.99	11.04	7.94	12
2013/11/07	ME	WSR45C	15:34:27	M	7.6	72.8	0.32	25.13	31.24	83.27	6.09	6.15	7.94	9
2013/11/07	ME	WSR45C	15:35:23	T	1.0	29.9	0.47	25.16	31.03	91.06	6.29	7.62	7.96	11
2013/11/07	ME	WSR45C	15:37:03	B	12.8	141.9	0.22	25.10	31.35	86.06	5.94	13.72	7.93	13
2013/11/07	ME	WSR45C	15:38:08	M	7.7	72.8	0.32	25.11	31.20	88.44	6.11	6.47	7.95	10
2013/11/07	ME	WSR45C	15:39:09	T	0.9	15.8	0.45	25.15	31.03	90.70	6.27	7.75	7.96	11
2013/11/07	ME	WSR45C	15:40:10	B	12.8	91.4	0.12	25.10	31.35	86.04	5.94	14.35	7.93	11
2013/11/07	ME	WSR45C	15:41:09	M	7.6	111.8	0.74	25.11	31.20	88.36	6.10	6.43	7.94	10
2013/11/07	ME	WSR45C	15:42:07	T	1.0	20.1	0.21	25.15	31.03	90.81	6.27	7.54	7.96	9
2013/11/07	ME	WSR46	14:22:35	B	8.8	63.4	0.48	24.99	30.92	90.32	6.26	16.34	7.91	17
2013/11/07	ME	WSR46	14:23:33	M	5.5	192.8	1.40	25.00	30.91	90.48	6.27	13.64	7.93	13
2013/11/07	ME	WSR46	14:24:28	T	1.1	71.2	1.30	25.15	30.82	92.19	6.38	10.11	7.94	10
2013/11/07	ME	WSR46	14:25:37	B	9.0	201.5	0.31	24.98	30.93	90.07	6.24	16.71	7.95	17
2013/11/07	ME	WSR46	14:26:29	M										