

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)
20/12/2012	MF	DS1	11:42:42	B	4.0	51.2	0.52	20.20	30.78	89.68	6.78	14.03	7.87	15.50
20/12/2012	MF	DS1	11:45:06	M	2.5	188.2	0.45	20.19	30.78	89.12	6.73	13.96	7.88	14.80
20/12/2012	MF	DS1	11:46:46	S	1.0	241.1	0.27	20.20	30.78	89.24	6.74	13.02	7.88	13.70
20/12/2012	MF	DS1	11:48:46	B	4.0	279.7	0.66	20.19	30.78	88.93	6.72	13.19	7.89	15.00
20/12/2012	MF	DS1	11:50:38	M	2.5	284.2	0.46	20.20	30.78	89.07	6.73	12.32	7.89	15.00
20/12/2012	MF	DS1	11:52:22	S	1.0	260.6	0.74	20.20	30.78	89.31	6.75	11.75	7.89	13.90
20/12/2012	MF	DS1	11:54:10	B	4.0	332.0	0.55	20.19	30.78	89.00	6.72	12.23	7.89	14.60
20/12/2012	MF	DS1	11:55:42	M	2.5	121.9	0.39	20.20	30.78	89.21	6.74	11.64	7.89	13.50
20/12/2012	MF	DS1	11:57:26	S	1.0	291.1	0.99	20.21	30.78	89.40	6.75	11.54	7.90	13.00
20/12/2012	MF	DS2	12:04:42	B	3.0	66.6	0.16	20.22	30.81	89.75	6.78	19.85	7.88	21.88
20/12/2012	MF	DS2	12:06:22	S	1.0	217.9	0.28	20.27	30.77	89.64	6.76	16.64	7.89	19.50
20/12/2012	MF	DS2	12:08:02	B	3.0	296.7	0.26	20.25	30.80	89.41	6.75	18.32	7.90	20.75
20/12/2012	MF	DS2	12:09:42	S	1.0	287.1	0.34	20.27	30.78	89.66	6.76	16.43	7.90	19.10
20/12/2012	MF	DS2	12:11:34	B	3.0	278.7	0.56	20.25	30.82	89.37	6.74	17.74	7.89	21.38
20/12/2012	MF	DS2	12:13:16	S	1.0	332.9	0.20	20.27	30.83	89.82	6.78	15.31	7.89	17.80
20/12/2012	MF	DS3	12:20:10	B	5.0	237.4	0.32	20.25	30.68	90.12	6.81	19.19	7.89	19.63
20/12/2012	MF	DS3	12:22:11	M	3.0	226.0	0.13	20.25	30.67	89.71	6.78	19.14	7.89	20.63
20/12/2012	MF	DS3	12:24:15	S	1.0	275.5	0.45	20.28	30.68	90.00	6.79	17.98	7.89	17.40
20/12/2012	MF	DS3	12:25:55	B	5.0	347.3	0.14	20.26	30.67	89.63	6.77	18.63	7.89	16.38
20/12/2012	MF	DS3	12:27:46	M	3.0	190.7	0.72	20.27	30.67	89.62	6.77	19.92	7.89	20.88
20/12/2012	MF	DS3	12:30:06	S	1.0	322.0	0.27	20.29	30.70	89.96	6.79	19.40	7.89	16.90
20/12/2012	MF	DS3	12:34:02	B	5.0	26.5	0.22	20.37	30.91	90.25	6.79	21.83	7.90	19.75
20/12/2012	MF	DS3	12:36:58	M	3.0	270.8	0.15	20.35	30.89	90.17	6.79	22.11	7.90	21.00
20/12/2012	MF	DS3	12:39:42	S	1.0	259.8	0.20	20.41	30.82	90.44	6.80	21.66	7.90	17.10
20/12/2012	MF	DS4	12:47:19	B	5.0	229.1	0.49	20.23	30.57	91.08	6.89	11.84	7.87	13.10
20/12/2012	MF	DS4	12:49:27	M	3.0	89.0	0.57	20.27	30.57	91.11	6.88	11.32	7.88	12.60
20/12/2012	MF	DS4	12:51:15	S	1.0	211.7	0.43	20.31	30.56	91.47	6.90	10.67	7.88	12.10
20/12/2012	MF	DS4	12:53:19	B	5.0	281.9	0.16	20.26	30.58	90.82	6.86	12.11	7.88	12.80
20/12/2012	MF	DS4	12:55:15	M	3.0	306.9	0.44	20.25	30.59	90.95	6.87	11.95	7.88	13.20
20/12/2012	MF	DS4	12:56:59	S	1.0	271.1	0.37	20.29	30.56	91.41	6.90	10.93	7.89	12.40
20/12/2012	MF	DS4	12:58:43	B	5.0	72.5	0.31	20.25	30.57	90.90	6.87	12.18	7.89	13.80
20/12/2012	MF	DS4	13:00:26	M	3.0	275.4	0.29	20.26	30.57	90.96	6.87	12.32	7.89	13.50
20/12/2012	MF	DS4	13:02:06	S	1.0	21.8	0.24	20.29	30.57	91.31	6.90	11.43	7.89	12.50
20/12/2012	MF	DS5	13:13:05	B	2.0	330.4	0.69	20.22	30.47	92.54	7.00	9.69	7.87	10.30
20/12/2012	MF	DS5	13:15:11	S	1.0	12.8	0.39	20.22	30.48	92.29	6.98	9.42	7.87	11.30
20/12/2012	MF	DS5	13:17:07	B	2.0	329.8	0.34	20.22	30.49	92.17	6.97	9.48	7.88	10.10
20/12/2012	MF	DS5	13:18:55	S	1.0	60.2	0.24	20.25	30.49	92.56	7.00	8.80	7.88	10.80
20/12/2012	MF	DS5	13:20:35	B	2.0	312.8	0.57	20.27	30.52	92.58	7.00	8.27	7.88	9.80
20/12/2012	MF	DS5	13:22:07	S	1.0	348.8	0.38	20.28	30.50	92.93	7.02	7.92	7.88	10.60
20/12/2012	MF	US1	13:38:35	B	7.0	215.1	0.33	20.35	31.65	90.88	6.81	7.12	7.88	9.30
20/12/2012	MF	US1	13:40:23	M	4.0	114.3	0.18	20.26	31.63	90.87	6.81	6.81	7.88	8.80
20/12/2012	MF	US1	13:42:15	S	1.0	268.9	0.64	20.37	31.61	91.55	6.86	7.79	7.89	10.00
20/12/2012	MF	US1	13:44:19	B	7.0	214.9	0.28	20.35	31.63	90.64	6.79	7.99	7.89	9.60
20/12/2012	MF	US1	13:46:15	M	4.0	267.1	0.44	20.36	31.61	91.04	6.82	7.87	7.89	9.00
20/12/2012	MF	US1	13:48:07	S	1.0	148.7	0.14	20.37	31.61	91.54	6.86	6.78	7.89	9.30
20/12/2012	MF	US1	13:49:59	B	7.0	237.6	0.61	20.35	31.62	90.76	6.80	8.43	7.89	14.70
20/12/2012	MF	US1	13:51:51	M	4.0	266.6	0.42	20.35	31.62	91.00	6.82	7.66	7.89	15.40
20/12/2012	MF	US1	13:54:03	S	1.0	270.0	0.11	20.37	31.62	91.52	6.86	7.88	7.89	13.20
20/12/2012	MF	US2	14:05:47	B	9.0	338.5	0.73	20.37	31.67	90.76	6.80	16.50	7.88	10.70
20/12/2012	MF	US2	14:07:55	M	5.0	196.6	0.56	20.38	31.68	90.75	6.80	4.41	7.88	6.60
20/12/2012	MF	US2	14:10:07	S	1.0	294.6	0.66	20.38	31.68	91.27	6.84	3.86	7.88	5.30
20/12/2012	MF	US2	14:11:59	B	9.0	305.9	0.47	20.37	31.68	90.43	6.77	17.44	7.88	11.80
20/12/2012	MF	US2	14:13:43	M	5.0	224.4	0.61	20.38	31.68	90.68	6.79	4.64	7.88	6.50
20/12/2012	MF	US2	14:15:23	S	1.0	282.5	0.58	20.38	31.69	91.20	6.83	4.09	7.88	5.90
20/12/2012	MF	US2	14:17:35	B	9.0	228.3	0.40	20.38	31.69	90.42	6.77	14.79	7.88	11.30
20/12/2012	MF	US2	14:19:23	M	5.0	213.4	0.48	20.38	31.69	90.89	6.81	5.42	7.88	6.90
20/12/2012	MF	US2	14:21:43	S	1.0	294.3	0.32	20.39	31.69	91.34	6.84	3.85	7.88	5.90
20/12/2012	MF	MW1	11:53:38	B	19.7	23.6	0.39	20.43	32.59	81.58	6.07	2.99	7.65	6.40
20/12/2012	MF	MW1	11:55:30	M	10.4	179.0	0.43	20.43	32.58	82.21	6.12	2.68	7.66	5.50
20/12/2012	MF	MW1	11:57:24	S	1.0	156.3	0.32	20.39	32.30	83.18	6.21	2.32	7.65	3.60
20/12/2012	MF	MW1	11:59:22	B	19.7	343.5	0.43	20.43	32.58	81.64	6.08	2.79	7.66	6.66
20/12/2012	MF	MW1	12:01:38	M	10.4	66.7	0.26	20.43	32.54	82.30	6.13	2.44	7.68	5.60
20/12/2012	MF	MW1	12:03:38	S	1.0	309.3	0.39	20.40	32.35	83.55	6.23	2.28	7.67	3.90
20/12/2012	MF	MW1	12:05:32	B	19.7	71.6	0.13	20.43	32.59	81.85	6.09	2.55	7.70	6.50
20/12/2012	MF	MW1	12:07:20	M	10.4	82.3	0.38	20.43	32.57	82.54	6.14	2.33	7.69	5.20
20/12/2012	MF	MW1	12:09:04	S	1.0	352.6	0.34	20.40	32.32	83.55	6.23	2.09	7.68	3.80
20/12/2012	MF	THB1	13:16:26	B	3.5	185.2	0.44	20.35	31.57	87.81	6.58	16.14	7.73	22.20
20/12/2012	MF	THB1	13:18:01	S	1.0	334.2	0.13	20.36	31.37	86.93	6.53	14.93	7.73	20.70
20/12/2012	MF	THB1	13:19:36	B	3.5	278.7	0.24	20.35	31.48	87.09	6.53	16.98	7.73	23.00
20/12/2012	MF	THB1	13:21:10	S	1.0	155.2	0.85	20.36	31.41	87.06	6.53	14.43	7.73	20.20
20/12/2012	MF	THB1	13:22:42	B	3.5	319.8	0.39	20.34	31.54	87.17	6.54	14.54	7.73	28.90
20/12/2012	MF	THB1	13:24:14	S	1.0	22.4	0.15	20.36	31.31	87.10	6.54	13.00	7.73	19.40
20/12/2012	MF	THB2	12:31:26	M	1.5	0.0	0.00	18.82	28.76	94.01	7.37	13.69	7.81	23.10
20/12/2012	MF	THB2	12:32:48	M	1.5	0.0	0.00	18.82	28.75	94.00	7.37	13.51	7.77	24.90
20/12/2012	MF	THB2	12:34:08	M	1.5	0.0	0.00	18.83	28.76	94.05	7.38	13.52	7.76	26.30
20/12/2012	MF	WSR45C	12:42:06	B	12.6	269.2	0.21	20.33	32.11	85.35	6.38	4.04	7.74	5.80
20/12/2012	MF	WSR45C	12:43:50	M	6.8	208.5	0.54	20.33	32.05	86.39	6.46	3.07	7.74	5.10
20/12/2012	MF	WSR45C	12:45:38	S	1.0	249.1	0.75	20.33	32.00	88.57	6.63	2.80	7.74	5.70
20/12/2012	MF	WSR45C	12:47:22	B	12.6	184.8	0.47	20.33	32.08	85.37	6.38	3.84	7.74	6.10
20/12/2012	MF	WSR45C	12:49:00	M	6.8	217.2	0.29	20.32	32.04	86.44	6.47	3.03	7.74	5.40
20/12/2012	MF	WSR45C	12:50:42	S	1.0	257.1	0.48	20.32	32.02	88.32	6.61	2.63	7.74	5.60
20/12/2012	MF	WSR45C	12:52:26	B	12.6	171.5	0.26	20.34	32.09	85.17	6.37	3.67	7.74	6.10
20/12/2012	MF	WSR45C	12:54:10	M	6.8	246.6	0.19	20.33	32.06	86.43	6.46	3.00	7.74	5.10
20/12/2012	MF	WSR45C	12:55:50	S	1.0	290.6	0.55							

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)
20/12/2012	ME	DS1	18:05:52	B	5.0	27.1	0.42	20.36	31.62	91.02	6.82	2.78	7.78	5.70
20/12/2012	ME	DS1	18:07:40	M	3.0	135.8	0.27	20.36	31.66	89.96	6.74	2.81	7.81	5.40
20/12/2012	ME	DS1	18:09:16	S	1.0	338.1	0.46	20.36	31.67	89.95	6.74	2.73	7.83	5.60
20/12/2012	ME	DS1	18:11:48	B	5.0	31.9	0.19	20.36	31.68	89.58	6.71	2.80	7.84	5.70
20/12/2012	ME	DS1	18:13:36	M	3.0	267.1	0.35	20.36	31.68	89.64	6.72	3.32	7.84	5.20
20/12/2012	ME	DS1	18:15:28	S	1.0	98.3	0.45	20.36	31.68	89.83	6.73	2.79	7.84	5.80
20/12/2012	ME	DS1	18:17:28	B	5.0	29.0	0.86	20.36	31.68	89.52	6.71	2.84	7.84	5.60
20/12/2012	ME	DS1	18:19:24	M	3.0	59.8	0.41	20.36	31.68	89.65	6.72	2.82	7.84	5.30
20/12/2012	ME	DS1	18:21:00	S	1.0	41.6	0.35	20.36	31.68	89.83	6.73	2.92	7.84	5.70
20/12/2012	ME	DS2	18:27:08	B	6.0	109.8	0.72	20.35	31.68	90.23	6.76	3.71	7.84	5.00
20/12/2012	ME	DS2	18:28:44	M	3.5	31.4	0.20	20.36	31.69	89.55	6.71	3.12	7.84	4.70
20/12/2012	ME	DS2	18:30:24	S	1.0	257.1	0.10	20.35	31.68	89.79	6.73	3.13	7.85	4.40
20/12/2012	ME	DS2	18:32:20	B	6.0	193.3	0.88	20.36	31.68	89.31	6.69	3.84	7.85	5.40
20/12/2012	ME	DS2	18:34:16	M	3.5	192.3	0.16	20.35	31.68	89.53	6.71	2.92	7.85	4.80
20/12/2012	ME	DS2	18:36:00	S	1.0	42.4	0.58	20.35	31.69	89.74	6.72	3.03	7.85	4.40
20/12/2012	ME	DS2	18:38:40	B	6.0	113.4	0.44	20.36	31.70	89.23	6.68	3.13	7.85	5.90
20/12/2012	ME	DS2	18:40:28	M	3.5	103.4	0.31	20.35	31.69	89.44	6.70	3.00	7.85	4.90
20/12/2012	ME	DS2	18:42:16	S	1.0	166.9	0.60	20.35	31.69	89.69	6.72	3.14	7.85	4.30
20/12/2012	ME	DS3	18:51:40	B	6.0	282.7	0.15	20.40	31.81	88.62	6.63	5.28	7.84	7.70
20/12/2012	ME	DS3	18:54:00	M	3.5	270.0	0.28	20.34	31.70	89.39	6.70	4.80	7.84	6.70
20/12/2012	ME	DS3	18:55:52	S	1.0	21.8	0.61	20.33	31.70	89.79	6.73	4.69	7.85	6.00
20/12/2012	ME	DS3	18:59:04	B	6.0	25.3	0.48	20.35	31.71	88.86	6.66	4.57	7.85	7.60
20/12/2012	ME	DS3	19:00:40	M	3.5	4.0	0.52	20.35	31.71	89.27	6.69	4.42	7.85	6.40
20/12/2012	ME	DS3	19:02:20	S	1.0	79.1	0.34	20.34	31.70	89.61	6.72	4.36	7.85	5.80
20/12/2012	ME	DS3	19:04:00	B	6.0	1.1	0.11	20.36	31.72	88.96	6.66	5.07	7.85	7.20
20/12/2012	ME	DS3	19:05:32	M	3.5	188.6	0.27	20.34	31.70	89.40	6.70	4.08	7.85	6.20
20/12/2012	ME	DS3	19:07:16	S	1.0	39.0	0.69	20.34	31.69	89.80	6.73	4.53	7.85	5.80
20/12/2012	ME	DS4	19:19:16	B	5.0	79.2	0.65	20.38	31.80	89.23	6.68	4.77	7.83	8.00
20/12/2012	ME	DS4	19:20:56	M	3.0	4.3	0.21	20.33	31.72	89.55	6.71	4.99	7.84	6.40
20/12/2012	ME	DS4	19:22:44	S	1.0	343.2	0.07	20.32	31.71	89.86	6.74	4.88	7.84	6.50
20/12/2012	ME	DS4	19:24:16	B	5.0	126.7	0.57	20.35	31.74	89.32	6.69	4.53	7.84	7.10
20/12/2012	ME	DS4	19:25:44	M	3.0	37.8	0.37	20.33	31.72	89.49	6.71	4.64	7.84	6.20
20/12/2012	ME	DS4	19:27:40	S	1.0	162.4	0.09	20.32	31.72	89.84	6.74	4.65	7.85	6.70
20/12/2012	ME	DS4	19:29:24	B	5.0	123.1	0.37	20.34	31.75	89.27	6.69	5.09	7.85	7.10
20/12/2012	ME	DS4	19:31:08	M	3.0	203.7	0.12	20.35	31.75	89.28	6.69	4.73	7.85	6.50
20/12/2012	ME	DS4	19:32:48	S	1.0	122.3	0.16	20.32	31.72	89.81	6.73	4.64	7.85	6.30
20/12/2012	ME	DS5	19:39:36	B	2.0	171.4	1.71	20.39	31.87	88.54	6.62	7.28	7.84	9.50
20/12/2012	ME	DS5	19:41:07	S	1.0	78.1	0.66	20.30	31.72	89.26	6.69	6.92	7.84	9.20
20/12/2012	ME	DS5	19:42:52	B	2.0	307.3	0.29	20.40	31.90	87.85	6.57	7.07	7.85	10.10
20/12/2012	ME	DS5	19:44:24	S	1.0	230.7	0.47	20.29	31.71	89.26	6.69	6.78	7.84	8.80
20/12/2012	ME	DS5	19:46:04	B	2.0	357.8	0.31	20.39	31.88	87.98	6.58	7.19	7.84	9.90
20/12/2012	ME	DS5	19:47:40	S	1.0	246.1	0.53	20.30	31.72	89.14	6.68	6.70	7.84	8.70
20/12/2012	ME	US1	20:03:11	B	4.0	14.5	0.43	20.27	31.60	92.04	6.91	5.27	7.82	6.60
20/12/2012	ME	US1	20:04:43	M	2.5	27.8	0.11	20.27	31.58	91.58	6.88	5.18	7.83	6.80
20/12/2012	ME	US1	20:06:19	S	1.0	49.9	0.16	20.12	30.88	92.22	6.97	7.05	7.82	8.60
20/12/2012	ME	US1	20:07:55	B	4.0	93.0	0.32	20.25	31.47	91.58	6.88	6.24	7.84	7.00
20/12/2012	ME	US1	20:09:31	M	2.5	304.5	0.14	20.22	31.35	91.55	6.89	6.28	7.84	7.10
20/12/2012	ME	US1	20:11:47	S	1.0	235.2	0.08	20.11	30.85	92.28	6.98	6.99	7.83	8.80
20/12/2012	ME	US1	20:13:32	B	4.0	115.3	1.27	20.24	31.41	91.55	6.89	6.02	7.84	6.90
20/12/2012	ME	US1	20:14:59	M	2.5	92.8	0.79	20.17	31.10	91.80	6.93	5.53	7.83	7.50
20/12/2012	ME	US1	20:17:24	S	1.0	261.7	0.15	20.09	30.77	92.55	7.01	7.19	7.82	8.30
20/12/2012	ME	US2	20:24:07	B	5.0	357.5	0.02	20.37	31.46	91.21	6.84	16.65	7.82	27.00
20/12/2012	ME	US2	20:25:51	M	3.0	14.9	0.69	20.36	31.11	91.02	6.84	10.26	7.82	13.50
20/12/2012	ME	US2	20:27:47	S	1.0	107.4	0.82	20.33	30.90	91.56	6.90	9.42	7.82	11.00
20/12/2012	ME	US2	20:29:51	B	5.0	228.8	0.21	20.38	31.46	90.78	6.81	15.13	7.83	19.70
20/12/2012	ME	US2	20:31:35	M	3.0	216.1	0.31	20.38	31.34	90.66	6.80	10.65	7.82	10.90
20/12/2012	ME	US2	20:33:39	S	1.0	196.1	0.62	20.35	30.92	91.31	6.87	9.16	7.82	9.40
20/12/2012	ME	US2	20:35:35	B	5.0	268.8	0.15	20.38	31.44	90.76	6.81	16.43	7.83	17.00
20/12/2012	ME	US2	20:37:11	M	3.0	100.9	0.09	20.36	31.22	90.85	6.83	11.51	7.82	11.40
20/12/2012	ME	US2	20:39:19	S	1.0	78.5	0.37	20.35	30.97	91.26	6.87	9.19	7.82	9.70
20/12/2012	ME	MW1	20:00:37	B	19.3	359.8	0.51	20.40	32.73	86.54	6.44	1.87	7.72	4.20
20/12/2012	ME	MW1	20:02:33	M	10.2	65.9	0.25	20.43	32.71	86.73	6.45	1.72	7.71	3.70
20/12/2012	ME	MW1	20:04:25	S	1.0	50.6	0.35	20.47	32.61	89.19	6.63	1.65	7.71	3.70
20/12/2012	ME	MW1	20:06:17	B	19.3	28.2	0.19	20.41	32.73	86.00	6.40	1.82	7.72	4.30
20/12/2012	ME	MW1	20:08:03	M	10.2	138.7	0.36	20.44	32.70	86.63	6.44	1.66	7.71	4.10
20/12/2012	ME	MW1	20:09:57	S	1.0	88.9	0.42	20.46	32.58	89.30	6.64	1.63	7.70	3.60
20/12/2012	ME	MW1	20:11:45	B	19.3	327.1	0.18	20.43	32.70	85.89	6.39	1.76	7.70	4.20
20/12/2012	ME	MW1	20:13:33	M	10.2	11.8	0.03	20.45	32.67	86.58	6.44	1.74	7.71	4.40
20/12/2012	ME	MW1	20:15:21	S	1.0	70.8	0.40	20.45	32.57	89.21	6.64	1.67	7.71	3.80
20/12/2012	ME	THB1	18:39:49	B	3.7	38.4	0.19	20.45	31.53	90.61	6.78	9.97	7.60	14.00
20/12/2012	ME	THB1	18:41:25	S	1.0	103.2	0.29	20.32	31.37	89.69	6.74	10.48	7.60	14.50
20/12/2012	ME	THB1	18:43:01	B	3.7	193.2	0.22	20.47	31.83	90.07	6.73	9.85	7.61	14.20
20/12/2012	ME	THB1	18:44:37	S	1.0	83.3	0.08	20.23	31.24	89.57	6.74	10.49	7.61	14.10
20/12/2012	ME	THB1	18:46:09	B	3.7	67.9	0.20	20.41	31.62	89.77	6.72	10.73	7.62	14.30
20/12/2012	ME	THB1	18:47:41	S	1.0	138.1	0.20	20.14	31.10	89.12	6.73	10.66	7.62	14.90
20/12/2012	ME	THB2	18:13:09	M	1.5	0.0	0.00	20.22	31.05	87.53	6.60	11.88	7.71	12.90
20/12/2012	ME	THB2	18:14:33	M	1.5	0.0	0.00	20.21	31.05	87.50	6.60	11.99	7.71	12.70
20/12/2012	ME	THB2	18:15:59	M	1.5	0.0	0.00	20.22	31.04	87.59	6.60	11.53	7.71	12.30
20/12/2012	ME	WSR45C	19:08:13	B	12.5	358.0	1.92	20.47	32.52	87.37	6.50	5.00	7.67	7.60
20/12/2012	ME	WSR45C	19:09:57	M	6.8	126.1	0.17	20.39	32.36	87.31	6.51	3.36	7.66	6.00
20/12/2012	ME	WSR45C	19:11:45	S	1.0	21.4	0.09	20.35	32.29	89.63	6.69	4.26	7.66	7.50
20/12/2012	ME	WSR45C	19:13:33	B	12.5	91.6	0.39	20.48	32.51	86.52	6.44	4.35	7.68	7.40
20/12/2012	ME	WSR45C	19:15:37	M	6.8	22.8	0.23	20.35	32.32	87.54	6.54	3.90	7.67	6.20
20/12/2012	ME	WSR45C	19:17:21	S	1.0	66.3	0.63	20.34	32.29	90.05	6.73	4.19	7.67	7.10
20/12/2012	ME	WSR45C												