

**Quarterly Assessment of Construction Impacts on SS**

Significant difference between the quarterly mean and 1.3 times of the ambient mean (Lower-tailed t-test)

Baseline Results (DA)						Impact Monitoring Results (DA)							
STN	DATE	TIDE	SS	DATE	TIDE	SS	STN	DATE	TIDE	SS	DATE	TIDE	SS
C1	6-Feb-03	Mid-Ebb	3.2	6-Feb-03	Mid-Flood	4.0	C1	1-Nov-04	MID-EBB	5.7	1-Nov-04	MID-FLOOD	7.2
C1	8-Feb-03	Mid-Ebb	6.0	8-Feb-03	Mid-Flood	3.7	C1	3-Nov-04	MID-EBB	9.2	3-Nov-04	MID-FLOOD	6.2
C1	10-Feb-03	Mid-Ebb	2.2	10-Feb-03	Mid-Flood	2.8	C1	5-Nov-04	MID-EBB	5.7	5-Nov-04	MID-FLOOD	6.2
C1	14-Feb-03	Mid-Ebb	4.0	14-Feb-03	Mid-Flood	6.7	C1	8-Nov-04	MID-EBB	7.5	8-Nov-04	MID-FLOOD	7.2
C1	18-Feb-03	Mid-Ebb	4.8	17-Feb-03	Mid-Flood	11.0	C1	10-Nov-04	MID-EBB	6.4	10-Nov-04	MID-FLOOD	7.0
C1	19-Feb-03	Mid-Ebb	5.5	19-Feb-03	Mid-Flood	8.7	C1	12-Nov-04	MID-EBB	6.6	12-Nov-04	MID-FLOOD	6.6
C1	21-Feb-03	Mid-Ebb	6.2	21-Feb-03	Mid-Flood	7.3	C1	15-Nov-04	MID-EBB	6.1	15-Nov-04	MID-FLOOD	8.4
C1	24-Feb-03	Mid-Ebb	6.3	24-Feb-03	Mid-Flood	4.8	C1	17-Nov-04	MID-EBB	6.0	17-Nov-04	MID-FLOOD	7.3
C1	28-Feb-03	Mid-Ebb	5.0	28-Feb-03	Mid-Flood	6.8	C1	19-Nov-04	MID-EBB	7.7	19-Nov-04	MID-FLOOD	5.8
C1	3-Mar-03	Mid-Ebb	6.8	3-Mar-03	Mid-Flood	9.8	C1	22-Nov-04	MID-EBB	7.1	22-Nov-04	MID-FLOOD	9.4
C1	5-Mar-03	Mid-Ebb	5.8	5-Mar-03	Mid-Flood	7.8	C1	24-Nov-04	MID-EBB	9.4	24-Nov-04	MID-FLOOD	7.4
C1	7-Mar-03	Mid-Ebb	7.2	7-Mar-03	Mid-Flood	8.2	C1	26-Nov-04	MID-EBB	5.7	26-Nov-04	MID-FLOOD	7.8
C1	10-Mar-03	Mid-Ebb	6.3	10-Mar-03	Mid-Flood	6.2	C1	29-Nov-04	MID-EBB	7.0	29-Nov-04	MID-FLOOD	8.1
C1	17-Mar-03	Mid-Ebb	8.7	17-Mar-03	Mid-Flood	7.0	C1	1-Dec-04	MID-EBB	7.3	1-Dec-04	MID-FLOOD	9.4
C1	19-Mar-03	Mid-Ebb	8.3	19-Mar-03	Mid-Flood	10.0	C1	3-Dec-04	MID-EBB	6.4	3-Dec-04	MID-FLOOD	6.4
C1	22-Mar-03	Mid-Ebb	8.3	22-Mar-03	Mid-Flood	10.0	C1	6-Dec-04	MID-EBB	6.7	6-Dec-04	MID-FLOOD	5.3
C1	24-Mar-03	Mid-Ebb	6.0	24-Mar-03	Mid-Flood	5.3	C1	8-Dec-04	MID-EBB	5.4	8-Dec-04	MID-FLOOD	5.1
C1	26-Mar-03	Mid-Ebb	6.0	27-Mar-03	Mid-Flood	5.0	C1	10-Dec-04	MID-EBB	7.1	10-Dec-04	MID-FLOOD	9.1
C1	31-Mar-03	Mid-Ebb	8.3	31-Mar-03	Mid-Flood	6.3	C1	13-Dec-04	MID-EBB	7.3	13-Dec-04	MID-FLOOD	8.2
C1	2-Apr-03	Mid-Ebb	6.7	2-Apr-03	Mid-Flood	6.3	C1	15-Dec-04	MID-EBB	4.9	15-Dec-04	MID-FLOOD	8.0
C1	4-Apr-03	Mid-Ebb	7.3	4-Apr-03	Mid-Flood	6.7	C1	17-Dec-04	MID-EBB	6.3	17-Dec-04	MID-FLOOD	7.9
C1	7-Apr-03	Mid-Ebb	5.0	7-Apr-03	Mid-Flood	6.0	C1	20-Dec-04	MID-EBB	7.1	20-Dec-04	MID-FLOOD	5.7
C1	9-Apr-03	Mid-Ebb	5.3	9-Apr-03	Mid-Flood	5.7	C1	22-Dec-04	MID-EBB	4.7	22-Dec-04	MID-FLOOD	4.6
C1	14-Apr-03	Mid-Ebb	5.3	14-Apr-03	Mid-Flood	5.0	C1	24-Dec-04	MID-EBB	4.8	24-Dec-04	MID-FLOOD	4.7
C1	16-Apr-03	Mid-Ebb	7.3	16-Apr-03	Mid-Flood	6.3	C1	27-Dec-04	MID-EBB	3.8	27-Dec-04	MID-FLOOD	5.1
C2	6-Feb-03	Mid-Ebb	3.0	6-Feb-03	Mid-Flood	3.3	C1	29-Dec-04	MID-EBB	5.0	29-Dec-04	MID-FLOOD	5.4
C2	8-Feb-03	Mid-Ebb	4.8	8-Feb-03	Mid-Flood	2.7	C1	31-Dec-04	MID-EBB	4.9	31-Dec-04	MID-FLOOD	5.4
C2	10-Feb-03	Mid-Ebb	1.7	10-Feb-03	Mid-Flood	3.2	C1	3-Jan-05	MID-EBB	3.3	3-Jan-05	MID-FLOOD	4.3
C2	14-Feb-03	Mid-Ebb	3.8	14-Feb-03	Mid-Flood	4.2	C1	5-Jan-05	MID-EBB	3.4	5-Jan-05	MID-FLOOD	4.7
C2	18-Feb-03	Mid-Ebb	4.7	17-Feb-03	Mid-Flood	4.7	C1	7-Jan-05	MID-EBB	3.7	7-Jan-05	MID-FLOOD	3.2
C2	19-Feb-03	Mid-Ebb	5.2	19-Feb-03	Mid-Flood	5.7	C1	10-Jan-05	MID-EBB	4.4	10-Jan-05	MID-FLOOD	5.1
C2	21-Feb-03	Mid-Ebb	5.7	21-Feb-03	Mid-Flood	5.7	C1	12-Jan-05	MID-EBB	4.2	12-Jan-05	MID-FLOOD	5.1
C2	24-Feb-03	Mid-Ebb	7.7	24-Feb-03	Mid-Flood	4.3	C1	14-Jan-05	MID-EBB	3.5	14-Jan-05	MID-FLOOD	4.9
C2	28-Feb-03	Mid-Ebb	4.7	28-Feb-03	Mid-Flood	7.0	C1	17-Jan-05	MID-EBB	3.7	17-Jan-05	MID-FLOOD	3.4
C2	3-Mar-03	Mid-Ebb	7.0	3-Mar-03	Mid-Flood	8.2	C1	19-Jan-05	MID-EBB	3.9	19-Jan-05	MID-FLOOD	3.3
C2	5-Mar-03	Mid-Ebb	5.2	5-Mar-03	Mid-Flood	8.0	C1	21-Jan-05	MID-EBB	4.4	21-Jan-05	MID-FLOOD	3.2
C2	7-Mar-03	Mid-Ebb	7.2	7-Mar-03	Mid-Flood	8.5	C1	24-Jan-05	MID-EBB	4.8	24-Jan-05	MID-FLOOD	4.4
C2	10-Mar-03	Mid-Ebb	6.0	10-Mar-03	Mid-Flood	7.2	C1	26-Jan-05	MID-EBB	4.0	26-Jan-05	MID-FLOOD	4.3
C2	17-Mar-03	Mid-Ebb	6.0	17-Mar-03	Mid-Flood	6.7	C1	28-Jan-05	MID-EBB	3.6	28-Jan-05	MID-FLOOD	4.3
C2	19-Mar-03	Mid-Ebb	8.7	19-Mar-03	Mid-Flood	7.7	C1	31-Jan-05	MID-EBB	3.9	31-Jan-05	MID-FLOOD	3.7
C2	22-Mar-03	Mid-Ebb	6.3	22-Mar-03	Mid-Flood	6.7	C2	1-Nov-04	MID-EBB	7.5	1-Nov-04	MID-FLOOD	9.4
C2	24-Mar-03	Mid-Ebb	4.0	24-Mar-03	Mid-Flood	4.0	C2	3-Nov-04	MID-EBB	9.8	3-Nov-04	MID-FLOOD	4.6
C2	26-Mar-03	Mid-Ebb	8.3	27-Mar-03	Mid-Flood	5.7	C2	5-Nov-04	MID-EBB	6.2	5-Nov-04	MID-FLOOD	5.4
C2	31-Mar-03	Mid-Ebb	7.0	31-Mar-03	Mid-Flood	7.3	C2	8-Nov-04	MID-EBB	4.1	8-Nov-04	MID-FLOOD	7.7
C2	2-Apr-03	Mid-Ebb	7.0	2-Apr-03	Mid-Flood	5.3	C2	10-Nov-04	MID-EBB	6.0	10-Nov-04	MID-FLOOD	6.8
C2	4-Apr-03	Mid-Ebb	5.7	4-Apr-03	Mid-Flood	7.0	C2	12-Nov-04	MID-EBB	6.9	12-Nov-04	MID-FLOOD	7.0
C2	7-Apr-03	Mid-Ebb	4.3	7-Apr-03	Mid-Flood	5.7	C2	15-Nov-04	MID-EBB	6.5	15-Nov-04	MID-FLOOD	8.2
C2	9-Apr-03	Mid-Ebb	5.7	9-Apr-03	Mid-Flood	4.7	C2	17-Nov-04	MID-EBB	5.8	17-Nov-04	MID-FLOOD	6.9
C2	14-Apr-03	Mid-Ebb	4.0	14-Apr-03	Mid-Flood	5.0	C2	19-Nov-04	MID-EBB	7.4	19-Nov-04	MID-FLOOD	5.8
C2	16-Apr-03	Mid-Ebb	7.0	16-Apr-03	Mid-Flood	6.8	C2	22-Nov-04	MID-EBB	6.6	22-Nov-04	MID-FLOOD	9.3
M01	6-Feb-03	Mid-Ebb	6.5	8-Feb-03	Mid-Flood	6.7	C2	24-Nov-04	MID-EBB	5.6	24-Nov-04	MID-FLOOD	7.0
M01	14-Feb-03	Mid-Ebb	8.0	17-Feb-03	Mid-Flood	7.7	C2	26-Nov-04	MID-EBB	11.2	26-Nov-04	MID-FLOOD	5.5
M01	21-Feb-03	Mid-Ebb	9.2	24-Feb-03	Mid-Flood	6.3	C2	29-Nov-04	MID-EBB	6.1	29-Nov-04	MID-FLOOD	6.8
M01	3-Mar-03	Mid-Ebb	9.0	5-Mar-03	Mid-Flood	8.0	C2	1-Dec-04	MID-EBB	7.4	1-Dec-04	MID-FLOOD	7.4
M01	10-Mar-03	Mid-Ebb	12.5	17-Mar-03	Mid-Flood	10.0	C2	3-Dec-04	MID-EBB	6.6	3-Dec-04	MID-FLOOD	5.5
M01	22-Mar-03	Mid-Ebb	7.8	24-Mar-03	Mid-Flood	8.3	C2	6-Dec-04	MID-EBB	4.4	6-Dec-04	MID-FLOOD	5.1
M01	31-Mar-03	Mid-Ebb	7.5	2-Apr-03	Mid-Flood	7.0	C2	8-Dec-04	MID-EBB	5.5	8-Dec-04	MID-FLOOD	5.7
M01	7-Apr-03	Mid-Ebb	8.5	9-Apr-03	Mid-Flood	8.5	C2	10-Dec-04	MID-EBB	6.3	10-Dec-04	MID-FLOOD	10.0
M01	16-Apr-03	Mid-Ebb	8.2	6-Feb-03	Mid-Flood	16.5	C2	13-Dec-04	MID-EBB	6.3	13-Dec-04	MID-FLOOD	9.4
M02	10-Feb-03	Mid-Ebb	16.0	14-Feb-03	Mid-Flood	9.5	C2	15-Dec-04	MID-EBB	5.3	15-Dec-04	MID-FLOOD	7.7
M02	19-Feb-03	Mid-Ebb	15.5	21-Feb-03	Mid-Flood	12.2	C2	17-Dec-04	MID-EBB	6.3	17-Dec-04	MID-FLOOD	7.0
M02	28-Feb-03	Mid-Ebb	12.2	3-Mar-03	Mid-Flood	11.8	C2	20-Dec-04	MID-EBB	6.6	20-Dec-04	MID-FLOOD	5.1
M02	7-Mar-03	Mid-Ebb	16.3	10-Mar-03	Mid-Flood	17.8	C2	22-Dec-04	MID-EBB	4.7	22-Dec-04	MID-FLOOD	5.1
M02	19-Mar-03	Mid-Ebb	11.8	22-Mar-03	Mid-Flood	10.2	C2	24-Dec-04	MID-EBB	5.1	24-Dec-04	MID-FLOOD	4.2
M02	26-Mar-03	Mid-Ebb	10.3	31-Mar-03	Mid-Flood	12.0	C2	27-Dec-04	MID-EBB	3.8	27-Dec-04	MID-FLOOD	4.9
M02	4-Apr-03	Mid-Ebb	9.8	7-Apr-03	Mid-Flood	9.3	C2	29-Dec-04	MID-EBB	5.4	29-Dec-04	MID-FLOOD	4.7
M02	14-Apr-03	Mid-Ebb	8.0	16-Apr-03	Mid-Flood	9.7	C2	31-Dec-04	MID-EBB	4.7	31-Dec-04	MID-FLOOD	5.4
M03	8-Feb-03	Mid-Ebb	7.3	10-Feb-03	Mid-Flood	6.7	C2	3-Jan-05	MID-EBB	3.1	3-Jan-05	MID-FLOOD	3.9
M03	18-Feb-03	Mid-Ebb	9.7	19-Feb-03	Mid-Flood	7.7	C2	5-Jan-05	MID-EBB	3.3	5-Jan-05	MID-FLOOD	3.7
M03	24-Feb-03	Mid-Ebb	8.8	28-Feb-03	Mid-Flood	10.0	C2	7-Jan-05	MID-EBB	5.5	7-Jan-05	MID-FLOOD	3.5
M03	5-Mar-03	Mid-Ebb	9.3	7-Mar-03	Mid-Flood	10.3	C2	10-Jan-05	MID-EBB	4.0	10-Jan-05	MID-FLOOD	4.4
M03	17-Mar-03	Mid-Ebb	8.2	19-Mar-03	Mid-Flood	10.2	C2	12-Jan-05	MID-EBB	4.0	12-Jan-05	MID-FLOOD	5.9
M03	24-Mar-03	Mid-Ebb	8.8	27-Mar-03	Mid-Flood	28.2	C2	14-Jan-05	MID-EBB	3.8	14-Jan-05	MID-FLOOD	5.2
M03	2-Apr-03	Mid-Ebb	7.7	4-Apr-03	Mid-Flood	7.3	C2	17-Jan-05	MID-EBB	4.9	17-Jan-05	MID-FLOOD	4.3
M03	9-Apr-03	Mid-Ebb	8.3	14-Apr-03	Mid-Flood	10.8	C2	19-Jan-05	MID-EBB	3.9	19-Jan-05	MID-FLOOD	3.3
M04	6-Feb-03	Mid-Ebb	5.5	8-Feb-03	Mid-Flood	6.7	C2	21-Jan-05	MID-EBB	2.8	21-Jan-05	MID-FLOOD	2.7
M04	14-Feb-03	Mid-Ebb	10.0	17-Feb-03	Mid-Flood	8.5	C2	24-Jan-05	MID-EBB	4.6	24-Jan-05	MID-FLOOD	4.0
M04	21-Feb-03	Mid-Ebb	7.3	24-Feb-03	Mid-Flood	7.0	C2	26-Jan-05	MID-EBB	4.2	26-Jan-05	MID-FLOOD	5.1
M04	3-Mar-03	Mid-Ebb	8.3	5-Mar-03	Mid-Flood	9.5	C2	28-Jan-05	MID-EBB	3.9	28-Jan-05	MID-FLOOD	5.0
M04	10-Mar-03	Mid-Ebb	8.8	17-Mar-03	Mid-Flood	9.0	C2	31-Jan-05	MID-EBB	3.8	31-Jan-05	MID-FLOOD	4.1
M04	22-Mar-03	Mid-Ebb	7.0	24-Mar-03	Mid-Flood	8.0	M07	1-Nov-04	MID-EBB	6.1	1-Nov-04	MID-FLOOD	8.5
M04	31-Mar-03	Mid-Ebb	9.0	2-Apr-03	Mid-Flood	7.8	M07	3-Nov-04	MID-EBB	8.7	3-Nov-04	MID-FLOOD	6.2
M04	7-Apr-03	Mid-Ebb	7.5	9-Apr-03	Mid-Flood	7.8	M07	5-Nov-04	MID-EBB	6.3	5-Nov-04	MID-FLOOD	5.5
M04	16-Apr-03	Mid-Ebb	6.0	6-Feb-03	Mid-Flood	6.0	M07	8-Nov-04	MID-EBB	4.5	8-Nov-04	MID-FLOOD	6.8
M05	10-Feb-03	Mid-Ebb	7.7	14-Feb-03	Mid-Flood	6.8	M07	10-Nov-04	MID-EBB	5.5	10-Nov-04	MID-FLOOD	8.3
M05	19-Feb-03	Mid-Ebb	7.8	21-Feb-03	Mid-Flood	6.3	M07	12-Nov-04	MID-EBB	10.4	12-Nov-04	MID-FLOOD	6.1
M05	28-Feb-03	Mid-Ebb	7.3	3-Mar-03	Mid-Flood	9.2	M07	15-Nov-04	MID-EBB	5.0	15-Nov-04	MID-FLOOD	7.7
M05	7-Mar-03	Mid-Ebb	8.3	10-Mar-03	Mid-Flood	13.8	M07	17-Nov-04	MID-EBB	5.7	17-Nov-04	MID-FLOOD	6.6
M05	19-Mar-03	Mid-Ebb	7.2	22-Mar-03	Mid-Flood	7.7	M07	19-Nov-04	MID-EBB	6.6	19-Nov-04	MID-FLOOD	6.0
M05	26-Mar-03	Mid-Ebb	6.7	31-Mar-03	Mid-Flood	6.5	M07	22-Nov-04	MID-EBB	8.0	22-Nov-04	MID-FLOOD	8.9
M05	4-Apr-03	Mid-Ebb	7.5	7-Apr-03	Mid-Flood	5.8	M07	24-Nov-04	MID-EBB	7.6	24-Nov-04	MID-FLOOD	6.6
M05	14-Apr-03	Mid-Ebb	7.0	16-Apr-03	Mid-Flood	6.3	M07	26-Nov-04	MID-EBB	5.8	26-Nov-04	MID-FLOOD	5.2
M06	8-Feb-03	Mid-Ebb	5.2	10-Feb-03	Mid-Flood	7.7	M07	29-Nov-04	MID-EBB	5.7	29-Nov-04	MID-FLOOD	7.4

Baseline Results (DA)						Impact Monitoring Results (DA)							
STN	DATE	TIDE	SS	DATE	TIDE	SS	STN	DATE	TIDE	SS	DATE	TIDE	SS
M06	18-Feb-03	Mid-Ebb	9.3	19-Feb-03	Mid-Flood	9.5	M07	1-Dec-04	MID-EBB	6.5	1-Dec-04	MID-FLOOD	7.6
M06	24-Feb-03	Mid-Ebb	7.3	28-Feb-03	Mid-Flood	8.7	M07	3-Dec-04	MID-EBB	5.5	3-Dec-04	MID-FLOOD	5.5
M06	5-Mar-03	Mid-Ebb	9.7	7-Mar-03	Mid-Flood	10.0	M07	6-Dec-04	MID-EBB	4.8	6-Dec-04	MID-FLOOD	5.7
M06	17-Mar-03	Mid-Ebb	7.0	19-Mar-03	Mid-Flood	9.7	M07	8-Dec-04	MID-EBB	5.4	8-Dec-04	MID-FLOOD	5.3
M06	24-Mar-03	Mid-Ebb	6.2	27-Mar-03	Mid-Flood	7.0	M07	10-Dec-04	MID-EBB	5.7	10-Dec-04	MID-FLOOD	9.1
M06	2-Apr-03	Mid-Ebb	7.2	4-Apr-03	Mid-Flood	6.5	M07	13-Dec-04	MID-EBB	6.4	13-Dec-04	MID-FLOOD	7.4
M06	9-Apr-03	Mid-Ebb	8.0	14-Apr-03	Mid-Flood	9.7	M07	15-Dec-04	MID-EBB	5.4	15-Dec-04	MID-FLOOD	7.1
M07	6-Feb-03	Mid-Ebb	4.0	6-Feb-03	Mid-Flood	5.0	M07	17-Dec-04	MID-EBB	6.5	17-Dec-04	MID-FLOOD	7.2
M07	8-Feb-03	Mid-Ebb	4.0	8-Feb-03	Mid-Flood	5.0	M07	20-Dec-04	MID-EBB	6.0	20-Dec-04	MID-FLOOD	5.1
M07	10-Feb-03	Mid-Ebb	5.0	10-Feb-03	Mid-Flood	4.2	M07	22-Dec-04	MID-EBB	4.9	22-Dec-04	MID-FLOOD	5.1
M07	14-Feb-03	Mid-Ebb	5.0	14-Feb-03	Mid-Flood	4.5	M07	24-Dec-04	MID-EBB	5.0	24-Dec-04	MID-FLOOD	4.1
M07	18-Feb-03	Mid-Ebb	5.0	17-Feb-03	Mid-Flood	6.5	M07	27-Dec-04	MID-EBB	5.6	27-Dec-04	MID-FLOOD	4.8
M07	19-Feb-03	Mid-Ebb	8.5	19-Feb-03	Mid-Flood	7.8	M07	29-Dec-04	MID-EBB	4.3	29-Dec-04	MID-FLOOD	4.9
M07	21-Feb-03	Mid-Ebb	7.3	21-Feb-03	Mid-Flood	7.2	M07	31-Dec-04	MID-EBB	4.5	31-Dec-04	MID-FLOOD	5.5
M07	24-Feb-03	Mid-Ebb	5.2	24-Feb-03	Mid-Flood	5.8	M07	3-Jan-05	MID-EBB	3.4	3-Jan-05	MID-FLOOD	3.8
M07	28-Feb-03	Mid-Ebb	6.0	28-Feb-03	Mid-Flood	7.2	M07	5-Jan-05	MID-EBB	3.5	5-Jan-05	MID-FLOOD	3.8
M07	3-Mar-03	Mid-Ebb	7.7	3-Mar-03	Mid-Flood	7.3	M07	7-Jan-05	MID-EBB	3.9	7-Jan-05	MID-FLOOD	3.4
M07	5-Mar-03	Mid-Ebb	5.5	5-Mar-03	Mid-Flood	7.3	M07	10-Jan-05	MID-EBB	5.1	10-Jan-05	MID-FLOOD	5.1
M07	7-Mar-03	Mid-Ebb	6.8	7-Mar-03	Mid-Flood	7.7	M07	12-Jan-05	MID-EBB	4.4	12-Jan-05	MID-FLOOD	5.7
M07	10-Mar-03	Mid-Ebb	5.8	10-Mar-03	Mid-Flood	6.8	M07	14-Jan-05	MID-EBB	3.6	14-Jan-05	MID-FLOOD	5.0
M07	17-Mar-03	Mid-Ebb	8.0	17-Mar-03	Mid-Flood	7.3	M07	17-Jan-05	MID-EBB	4.4	17-Jan-05	MID-FLOOD	4.6
M07	19-Mar-03	Mid-Ebb	11.0	19-Mar-03	Mid-Flood	8.7	M07	19-Jan-05	MID-EBB	3.8	19-Jan-05	MID-FLOOD	3.7
M07	22-Mar-03	Mid-Ebb	7.7	22-Mar-03	Mid-Flood	9.3	M07	21-Jan-05	MID-EBB	3.6	21-Jan-05	MID-FLOOD	2.7
M07	24-Mar-03	Mid-Ebb	9.7	24-Mar-03	Mid-Flood	7.0	M07	24-Jan-05	MID-EBB	4.1	24-Jan-05	MID-FLOOD	4.1
M07	26-Mar-03	Mid-Ebb	7.7	27-Mar-03	Mid-Flood	6.0	M07	26-Jan-05	MID-EBB	4.1	26-Jan-05	MID-FLOOD	4.7
M07	31-Mar-03	Mid-Ebb	7.0	31-Mar-03	Mid-Flood	6.3	M07	28-Jan-05	MID-EBB	4.1	28-Jan-05	MID-FLOOD	4.9
M07	2-Apr-03	Mid-Ebb	6.7	2-Apr-03	Mid-Flood	5.3	M07	31-Jan-05	MID-EBB	3.9	31-Jan-05	MID-FLOOD	4.5
M07	4-Apr-03	Mid-Ebb	6.0	4-Apr-03	Mid-Flood	5.7	M08	1-Nov-04	MID-EBB	7.2	1-Nov-04	MID-FLOOD	9.5
M07	7-Apr-03	Mid-Ebb	7.0	7-Apr-03	Mid-Flood	5.3	M08	3-Nov-04	MID-EBB	9.1	3-Nov-04	MID-FLOOD	4.9
M07	9-Apr-03	Mid-Ebb	5.7	9-Apr-03	Mid-Flood	6.3	M08	5-Nov-04	MID-EBB	6.0	5-Nov-04	MID-FLOOD	5.3
M07	14-Apr-03	Mid-Ebb	5.0	14-Apr-03	Mid-Flood	8.7	M08	8-Nov-04	MID-EBB	4.5	8-Nov-04	MID-FLOOD	8.0
M07	16-Apr-03	Mid-Ebb	7.0	16-Apr-03	Mid-Flood	7.8	M08	10-Nov-04	MID-EBB	6.3	10-Nov-04	MID-FLOOD	7.5
M08	6-Feb-03	Mid-Ebb	4.0	6-Feb-03	Mid-Flood	5.2	M08	12-Nov-04	MID-EBB	6.7	12-Nov-04	MID-FLOOD	6.9
M08	8-Feb-03	Mid-Ebb	5.0	8-Feb-03	Mid-Flood	4.8	M08	15-Nov-04	MID-EBB	6.4	15-Nov-04	MID-FLOOD	8.2
M08	10-Feb-03	Mid-Ebb	4.5	10-Feb-03	Mid-Flood	4.3	M08	17-Nov-04	MID-EBB	5.9	17-Nov-04	MID-FLOOD	6.8
M08	14-Feb-03	Mid-Ebb	5.3	14-Feb-03	Mid-Flood	4.3	M08	19-Nov-04	MID-EBB	8.6	19-Nov-04	MID-FLOOD	5.3
M08	18-Feb-03	Mid-Ebb	5.5	17-Feb-03	Mid-Flood	7.5	M08	22-Nov-04	MID-EBB	6.6	22-Nov-04	MID-FLOOD	10.3
M08	19-Feb-03	Mid-Ebb	7.3	19-Feb-03	Mid-Flood	10.0	M08	24-Nov-04	MID-EBB	5.6	24-Nov-04	MID-FLOOD	6.7
M08	21-Feb-03	Mid-Ebb	7.7	21-Feb-03	Mid-Flood	6.3	M08	26-Nov-04	MID-EBB	9.2	26-Nov-04	MID-FLOOD	5.3
M08	24-Feb-03	Mid-Ebb	6.0	24-Feb-03	Mid-Flood	4.3	M08	29-Nov-04	MID-EBB	5.9	29-Nov-04	MID-FLOOD	6.5
M08	28-Feb-03	Mid-Ebb	4.7	28-Feb-03	Mid-Flood	6.7	M08	1-Dec-04	MID-EBB	7.4	1-Dec-04	MID-FLOOD	7.1
M08	3-Mar-03	Mid-Ebb	6.8	3-Mar-03	Mid-Flood	8.3	M08	3-Dec-04	MID-EBB	7.2	3-Dec-04	MID-FLOOD	5.4
M08	5-Mar-03	Mid-Ebb	5.5	5-Mar-03	Mid-Flood	7.0	M08	6-Dec-04	MID-EBB	4.8	6-Dec-04	MID-FLOOD	4.7
M08	7-Mar-03	Mid-Ebb	6.7	7-Mar-03	Mid-Flood	7.3	M08	8-Dec-04	MID-EBB	5.2	8-Dec-04	MID-FLOOD	5.8
M08	10-Mar-03	Mid-Ebb	8.8	10-Mar-03	Mid-Flood	6.2	M08	10-Dec-04	MID-EBB	6.4	10-Dec-04	MID-FLOOD	10.1
M08	17-Mar-03	Mid-Ebb	7.7	17-Mar-03	Mid-Flood	8.7	M08	13-Dec-04	MID-EBB	6.0	13-Dec-04	MID-FLOOD	9.3
M08	19-Mar-03	Mid-Ebb	10.0	19-Mar-03	Mid-Flood	9.3	M08	15-Dec-04	MID-EBB	5.7	15-Dec-04	MID-FLOOD	7.7
M08	22-Mar-03	Mid-Ebb	7.3	22-Mar-03	Mid-Flood	10.0	M08	17-Dec-04	MID-EBB	6.3	17-Dec-04	MID-FLOOD	6.5
M08	24-Mar-03	Mid-Ebb	6.0	24-Mar-03	Mid-Flood	7.3	M08	20-Dec-04	MID-EBB	6.0	20-Dec-04	MID-FLOOD	5.4
M08	26-Mar-03	Mid-Ebb	6.0	27-Mar-03	Mid-Flood	5.3	M08	22-Dec-04	MID-EBB	5.2	22-Dec-04	MID-FLOOD	5.4
M08	31-Mar-03	Mid-Ebb	7.0	31-Mar-03	Mid-Flood	5.3	M08	24-Dec-04	MID-EBB	6.1	24-Dec-04	MID-FLOOD	4.0
M08	2-Apr-03	Mid-Ebb	7.0	2-Apr-03	Mid-Flood	5.7	M08	27-Dec-04	MID-EBB	5.0	27-Dec-04	MID-FLOOD	4.7
M08	4-Apr-03	Mid-Ebb	7.0	4-Apr-03	Mid-Flood	5.7	M08	29-Dec-04	MID-EBB	4.6	29-Dec-04	MID-FLOOD	5.5
M08	7-Apr-03	Mid-Ebb	6.7	7-Apr-03	Mid-Flood	5.0	M08	31-Dec-04	MID-EBB	4.4	31-Dec-04	MID-FLOOD	4.7
M08	9-Apr-03	Mid-Ebb	5.0	9-Apr-03	Mid-Flood	5.0	M08	3-Jan-05	MID-EBB	3.2	3-Jan-05	MID-FLOOD	4.6
M08	14-Apr-03	Mid-Ebb	6.3	14-Apr-03	Mid-Flood	5.7	M08	5-Jan-05	MID-EBB	3.5	5-Jan-05	MID-FLOOD	3.6
M08	16-Apr-03	Mid-Ebb	6.7	16-Apr-03	Mid-Flood	7.5	M08	7-Jan-05	MID-EBB	4.3	7-Jan-05	MID-FLOOD	3.5
M09	6-Feb-03	Mid-Ebb	5.7	6-Feb-03	Mid-Flood	5.0	M08	10-Jan-05	MID-EBB	4.1	10-Jan-05	MID-FLOOD	4.3
M09	8-Feb-03	Mid-Ebb	5.5	8-Feb-03	Mid-Flood	4.7	M08	12-Jan-05	MID-EBB	3.7	12-Jan-05	MID-FLOOD	6.3
M09	10-Feb-03	Mid-Ebb	4.8	10-Feb-03	Mid-Flood	4.0	M08	14-Jan-05	MID-EBB	3.4	14-Jan-05	MID-FLOOD	4.6
M09	14-Feb-03	Mid-Ebb	5.2	14-Feb-03	Mid-Flood	4.7	M08	17-Jan-05	MID-EBB	4.8	17-Jan-05	MID-FLOOD	4.6
M09	18-Feb-03	Mid-Ebb	6.0	17-Feb-03	Mid-Flood	6.3	M08	19-Jan-05	MID-EBB	3.4	19-Jan-05	MID-FLOOD	3.8
M09	19-Feb-03	Mid-Ebb	6.3	19-Feb-03	Mid-Flood	7.0	M08	21-Jan-05	MID-EBB	2.9	21-Jan-05	MID-FLOOD	2.6
M09	21-Feb-03	Mid-Ebb	7.0	21-Feb-03	Mid-Flood	7.2	M08	24-Jan-05	MID-EBB	4.0	24-Jan-05	MID-FLOOD	4.1
M09	24-Feb-03	Mid-Ebb	7.3	24-Feb-03	Mid-Flood	6.5	M08	26-Jan-05	MID-EBB	4.3	26-Jan-05	MID-FLOOD	5.2
M09	28-Feb-03	Mid-Ebb	5.8	28-Feb-03	Mid-Flood	7.3	M08	28-Jan-05	MID-EBB	3.9	28-Jan-05	MID-FLOOD	4.6
M09	3-Mar-03	Mid-Ebb	6.7	3-Mar-03	Mid-Flood	7.3	M08	31-Jan-05	MID-EBB	3.8	31-Jan-05	MID-FLOOD	3.9
M09	5-Mar-03	Mid-Ebb	5.8	5-Mar-03	Mid-Flood	6.2	M09	1-Nov-04	MID-EBB	8.2	1-Nov-04	MID-FLOOD	8.0
M09	7-Mar-03	Mid-Ebb	6.7	7-Mar-03	Mid-Flood	7.7	M09	3-Nov-04	MID-EBB	9.7	3-Nov-04	MID-FLOOD	5.1
M09	10-Mar-03	Mid-Ebb	6.5	10-Mar-03	Mid-Flood	6.5	M09	5-Nov-04	MID-EBB	6.4	5-Nov-04	MID-FLOOD	5.2
M09	17-Mar-03	Mid-Ebb	9.7	17-Mar-03	Mid-Flood	8.3	M09	8-Nov-04	MID-EBB	6.8	8-Nov-04	MID-FLOOD	8.1
M09	19-Mar-03	Mid-Ebb	9.7	19-Mar-03	Mid-Flood	9.3	M09	10-Nov-04	MID-EBB	10.8	10-Nov-04	MID-FLOOD	8.7
M09	22-Mar-03	Mid-Ebb	7.7	22-Mar-03	Mid-Flood	9.0	M09	12-Nov-04	MID-EBB	10.4	12-Nov-04	MID-FLOOD	7.1
M09	24-Mar-03	Mid-Ebb	10.0	24-Mar-03	Mid-Flood	7.0	M09	15-Nov-04	MID-EBB	5.8	15-Nov-04	MID-FLOOD	8.5
M09	26-Mar-03	Mid-Ebb	10.7	27-Mar-03	Mid-Flood	5.7	M09	17-Nov-04	MID-EBB	6.0	17-Nov-04	MID-FLOOD	7.0
M09	31-Mar-03	Mid-Ebb	7.0	31-Mar-03	Mid-Flood	7.0	M09	19-Nov-04	MID-EBB	5.3	19-Nov-04	MID-FLOOD	5.9
M09	2-Apr-03	Mid-Ebb	6.7	2-Apr-03	Mid-Flood	5.3	M09	22-Nov-04	MID-EBB	8.9	22-Nov-04	MID-FLOOD	8.7
M09	4-Apr-03	Mid-Ebb	6.7	4-Apr-03	Mid-Flood	4.7	M09	24-Nov-04	MID-EBB	6.8	24-Nov-04	MID-FLOOD	6.5
M09	7-Apr-03	Mid-Ebb	7.3	7-Apr-03	Mid-Flood	5.3	M09	26-Nov-04	MID-EBB	7.9	26-Nov-04	MID-FLOOD	6.3
M09	9-Apr-03	Mid-Ebb	6.0	9-Apr-03	Mid-Flood	4.3	M09	29-Nov-04	MID-EBB	5.4	29-Nov-04	MID-FLOOD	9.0
M09	14-Apr-03	Mid-Ebb	5.0	14-Apr-03	Mid-Flood	5.7	M09	1-Dec-04	MID-EBB	6.5	1-Dec-04	MID-FLOOD	9.7
M09	16-Apr-03	Mid-Ebb	7.3	16-Apr-03	Mid-Flood	7.0	M09	3-Dec-04	MID-EBB	5.9	3-Dec-04	MID-FLOOD	5.7
M10	6-Feb-03	Mid-Ebb	3.0	6-Feb-03	Mid-Flood	5.0	M09	6-Dec-04	MID-EBB	6.2	6-Dec-04	MID-FLOOD	5.3
M10	8-Feb-03	Mid-Ebb	6.3	8-Feb-03	Mid-Flood	5.0	M09	8-Dec-04	MID-EBB	6.1	8-Dec-04	MID-FLOOD	7.5
M10	10-Feb-03	Mid-Ebb	4.7	10-Feb-03	Mid-Flood	3.8	M09	10-Dec-04	MID-EBB	8.2	10-Dec-04	MID-FLOOD	7.3
M10	14-Feb-03	Mid-Ebb	5.3	14-Feb-03	Mid-Flood	5.5	M09	13-Dec-04	MID-EBB	6.7	13-Dec-04	MID-FLOOD	8.2
M10	18-Feb-03	Mid-Ebb	6.0	17-Feb-03	Mid-Flood	7.7	M09	15-Dec-04	MID-EBB	5.8	15-Dec-04	MID-FLOOD	6.4
M10	19-Feb-03	Mid-Ebb	5.8	19-Feb-03	Mid-Flood	8.2	M09	17-Dec-04	MID-EBB	6.2	17-Dec-04	MID-FLOOD	8.1
M10	21-Feb-03	Mid-Ebb	7.8	21-Feb-03	Mid-Flood	6.3	M09	20-Dec-04	MID-EBB	7.3	20-Dec-04	MID-FLOOD	5.8
M10	24-Feb-03	Mid-Ebb	6.3	24-Feb-03	Mid-Flood	5.3	M09	22-Dec-04	MID-EBB	5.1	22-Dec-04	MID-FLOOD	5.4
M10	28-Feb-03	Mid-Ebb	4.2	28-Feb-03	Mid-Flood	7.0	M09	24-Dec-04	MID-EBB	4.4	24-Dec-04	MID-FLOOD	4.6
M10	3-Mar-03	Mid-Ebb	7.3	3-Mar-03	Mid-Flood	8.8	M09	27-Dec-04	MID-EBB	4.8	27-Dec-04	MID-FLOOD	5.7
M10	5-Mar-03	Mid-Ebb	6.0	5-Mar-03	Mid-Flood	6.0	M09	29-Dec-04	MID-EBB	5.1	29-Dec-04	MID-FLOOD	5.6
M10	7-Mar-03	Mid-Ebb	7.8	7-Mar-03	Mid-Flood	7.8	M09	31-Dec-04	MID-EBB	4.6	31-Dec-04	MID-FLOOD	5.4
M10	10-Mar-03	Mid-Ebb	6.3	10-Mar-03	Mid-Flood	6.8	M09	3-Jan-05	MID-EBB	3.7	3-Jan-05	MID-FLOOD	4.8
M10	17-Mar-03	Mid-Ebb	8.0	17-Mar-03	Mid-Flood	7.3	M09	5-Jan-05	MID-EBB	4.1	5-Jan-05	MID-FLOOD	4.6
M10	19-Mar-03	Mid-E											

Baseline Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS
M10	24-Mar-03	Mid-Ebb	5.3	24-Mar-03	Mid-Flood	8.0
M10	26-Mar-03	Mid-Ebb	7.3	27-Mar-03	Mid-Flood	5.3
M10	31-Mar-03	Mid-Ebb	8.0	31-Mar-03	Mid-Flood	6.0
M10	2-Apr-03	Mid-Ebb	7.0	2-Apr-03	Mid-Flood	6.3
M10	4-Apr-03	Mid-Ebb	7.3	4-Apr-03	Mid-Flood	7.7
M10	7-Apr-03	Mid-Ebb	7.3	7-Apr-03	Mid-Flood	6.0
M10	9-Apr-03	Mid-Ebb	5.3	9-Apr-03	Mid-Flood	6.7
M10	14-Apr-03	Mid-Ebb	6.3	14-Apr-03	Mid-Flood	8.0
M10	16-Apr-03	Mid-Ebb	8.0	16-Apr-03	Mid-Flood	5.7
M11	6-Feb-03	Mid-Ebb	5.7	8-Feb-03	Mid-Flood	5.7
M11	14-Feb-03	Mid-Ebb	7.5	17-Feb-03	Mid-Flood	8.3
M11	21-Feb-03	Mid-Ebb	8.7	24-Feb-03	Mid-Flood	7.7
M11	3-Mar-03	Mid-Ebb	8.8	5-Mar-03	Mid-Flood	8.5
M11	10-Mar-03	Mid-Ebb	10.0	17-Mar-03	Mid-Flood	11.3
M11	22-Mar-03	Mid-Ebb	9.5	24-Mar-03	Mid-Flood	7.0
M11	31-Mar-03	Mid-Ebb	8.7	2-Apr-03	Mid-Flood	7.5
M11	7-Apr-03	Mid-Ebb	7.5	9-Apr-03	Mid-Flood	7.8
M11	16-Apr-03	Mid-Ebb	6.8	6-Feb-03	Mid-Flood	5.3
M12	10-Feb-03	Mid-Ebb	7.0	14-Feb-03	Mid-Flood	6.7
M12	19-Feb-03	Mid-Ebb	9.3	21-Feb-03	Mid-Flood	9.3
M12	28-Feb-03	Mid-Ebb	9.3	3-Mar-03	Mid-Flood	9.8
M12	7-Mar-03	Mid-Ebb	8.7	10-Mar-03	Mid-Flood	9.3
M12	19-Mar-03	Mid-Ebb	9.5	22-Mar-03	Mid-Flood	8.0
M12	26-Mar-03	Mid-Ebb	8.0	31-Mar-03	Mid-Flood	8.7
M12	4-Apr-03	Mid-Ebb	8.0	7-Apr-03	Mid-Flood	9.8
M12	14-Apr-03	Mid-Ebb	7.7	16-Apr-03	Mid-Flood	3.2

$$n_1 = 434$$

$$\bar{X}_1 = 7.1$$

$$\bar{X}_1 + 1.3 = 9.3$$

By applying the equation:

$$Z = \frac{\bar{X} - m_0}{s / \sqrt{n}}$$

& testing

$$H_0 : m = m_0$$

$$Z_{0.05} = -1.645$$

$$\bar{X} - m_0 = -2.26$$

$$s / \sqrt{n} = 0.08$$

Thus,

$$z = -27.42$$

Reject  $H_0$ ?:

YES ( $z < -z_{0.05}$ )

Therefore, the null hypothesis must be rejected in favor of the alternate hypothesis, i.e., the quarterly mean is significantly less than 1.3 times the ambient mean recorded during baseline monitoring.

Impact Monitoring Results (DA)						
STN	DATE	TIDE	SS	DATE	TIDE	SS
M09	12-Jan-05	MID-EBB	4.6	12-Jan-05	MID-FLOOD	5.0
M09	14-Jan-05	MID-EBB	3.8	14-Jan-05	MID-FLOOD	5.4
M09	17-Jan-05	MID-EBB	3.3	17-Jan-05	MID-FLOOD	4.1
M09	19-Jan-05	MID-EBB	4.6	19-Jan-05	MID-FLOOD	4.0
M09	21-Jan-05	MID-EBB	3.0	21-Jan-05	MID-FLOOD	2.3
M09	24-Jan-05	MID-EBB	4.2	24-Jan-05	MID-FLOOD	5.8
M09	26-Jan-05	MID-EBB	4.7	26-Jan-05	MID-FLOOD	5.6
M09	28-Jan-05	MID-EBB	4.6	28-Jan-05	MID-FLOOD	5.5
M09	31-Jan-05	MID-EBB	4.0	31-Jan-05	MID-FLOOD	3.8
M10	1-Nov-04	MID-EBB	5.7	1-Nov-04	MID-FLOOD	7.0
M10	3-Nov-04	MID-EBB	8.4	3-Nov-04	MID-FLOOD	6.3
M10	5-Nov-04	MID-EBB	6.0	5-Nov-04	MID-FLOOD	5.7
M10	8-Nov-04	MID-EBB	7.3	8-Nov-04	MID-FLOOD	6.6
M10	10-Nov-04	MID-EBB	6.0	10-Nov-04	MID-FLOOD	7.9
M10	12-Nov-04	MID-EBB	6.9	12-Nov-04	MID-FLOOD	6.9
M10	15-Nov-04	MID-EBB	6.6	15-Nov-04	MID-FLOOD	9.0
M10	17-Nov-04	MID-EBB	6.0	17-Nov-04	MID-FLOOD	7.0
M10	19-Nov-04	MID-EBB	7.8	19-Nov-04	MID-FLOOD	5.6
M10	22-Nov-04	MID-EBB	7.6	22-Nov-04	MID-FLOOD	8.0
M10	24-Nov-04	MID-EBB	9.4	24-Nov-04	MID-FLOOD	7.6
M10	26-Nov-04	MID-EBB	5.5	26-Nov-04	MID-FLOOD	6.9
M10	29-Nov-04	MID-EBB	7.7	29-Nov-04	MID-FLOOD	8.5
M10	1-Dec-04	MID-EBB	7.4	1-Dec-04	MID-FLOOD	9.8
M10	3-Dec-04	MID-EBB	6.4	3-Dec-04	MID-FLOOD	6.3
M10	6-Dec-04	MID-EBB	6.5	6-Dec-04	MID-FLOOD	5.3
M10	8-Dec-04	MID-EBB	5.6	8-Dec-04	MID-FLOOD	5.6
M10	10-Dec-04	MID-EBB	7.4	10-Dec-04	MID-FLOOD	6.5
M10	13-Dec-04	MID-EBB	7.2	13-Dec-04	MID-FLOOD	7.3
M10	15-Dec-04	MID-EBB	5.9	15-Dec-04	MID-FLOOD	7.3
M10	17-Dec-04	MID-EBB	6.7	17-Dec-04	MID-FLOOD	7.4
M10	20-Dec-04	MID-EBB	6.4	20-Dec-04	MID-FLOOD	6.1
M10	22-Dec-04	MID-EBB	4.9	22-Dec-04	MID-FLOOD	4.9
M10	24-Dec-04	MID-EBB	4.9	24-Dec-04	MID-FLOOD	4.4
M10	27-Dec-04	MID-EBB	5.1	27-Dec-04	MID-FLOOD	5.3
M10	29-Dec-04	MID-EBB	4.9	29-Dec-04	MID-FLOOD	5.6
M10	31-Dec-04	MID-EBB	5.1	31-Dec-04	MID-FLOOD	5.5
M10	3-Jan-05	MID-EBB	4.0	3-Jan-05	MID-FLOOD	4.1
M10	5-Jan-05	MID-EBB	3.7	5-Jan-05	MID-FLOOD	5.1
M10	7-Jan-05	MID-EBB	3.7	7-Jan-05	MID-FLOOD	3.3
M10	10-Jan-05	MID-EBB	4.5	10-Jan-05	MID-FLOOD	5.1
M10	12-Jan-05	MID-EBB	4.3	12-Jan-05	MID-FLOOD	4.3
M10	14-Jan-05	MID-EBB	3.8	14-Jan-05	MID-FLOOD	4.5
M10	17-Jan-05	MID-EBB	3.7	17-Jan-05	MID-FLOOD	3.8
M10	19-Jan-05	MID-EBB	3.7	19-Jan-05	MID-FLOOD	3.7
M10	21-Jan-05	MID-EBB	4.7	21-Jan-05	MID-FLOOD	2.4
M10	24-Jan-05	MID-EBB	4.3	24-Jan-05	MID-FLOOD	4.5
M10	26-Jan-05	MID-EBB	4.5	26-Jan-05	MID-FLOOD	5.4
M10	28-Jan-05	MID-EBB	4.8	28-Jan-05	MID-FLOOD	4.4
M10	31-Jan-05	MID-EBB	3.7	31-Jan-05	MID-FLOOD	4.3
M01	1-Nov-04	MID-EBB	7.6	1-Nov-04	MID-FLOOD	8.8
M01	3-Nov-04	MID-EBB	11.9	3-Nov-04	MID-FLOOD	8.8
M01	5-Nov-04	MID-EBB	8.4	5-Nov-04	MID-FLOOD	6.5
M01	8-Nov-04	MID-EBB	9.8	8-Nov-04	MID-FLOOD	7.1
M01	10-Nov-04	MID-EBB	8.8	10-Nov-04	MID-FLOOD	8.4
M01	12-Nov-04	MID-EBB	11.3	12-Nov-04	MID-FLOOD	8.7
M01	15-Nov-04	MID-EBB	8.6	15-Nov-04	MID-FLOOD	8.1
M01	17-Nov-04	MID-EBB	10.0	17-Nov-04	MID-FLOOD	8.9
M01	19-Nov-04	MID-EBB	8.6	19-Nov-04	MID-FLOOD	7.1
M01	22-Nov-04	MID-EBB	9.3	22-Nov-04	MID-FLOOD	8.9
M01	24-Nov-04	MID-EBB	9.1	24-Nov-04	MID-FLOOD	8.9
M01	26-Nov-04	MID-EBB	8.8	26-Nov-04	MID-FLOOD	8.2
M01	29-Nov-04	MID-EBB	9.7	29-Nov-04	MID-FLOOD	10.6
M01	1-Dec-04	MID-EBB	9.3	1-Dec-04	MID-FLOOD	9.3
M01	3-Dec-04	MID-EBB	8.1	3-Dec-04	MID-FLOOD	12.1
M01	6-Dec-04	MID-EBB	6.3	6-Dec-04	MID-FLOOD	8.9
M01	8-Dec-04	MID-EBB	6.8	8-Dec-04	MID-FLOOD	8.7
M01	10-Dec-04	MID-EBB	8.7	10-Dec-04	MID-FLOOD	8.5
M01	13-Dec-04	MID-EBB	9.7	13-Dec-04	MID-FLOOD	7.9
M01	15-Dec-04	MID-EBB	7.9	15-Dec-04	MID-FLOOD	8.3
M01	17-Dec-04	MID-EBB	11.3	17-Dec-04	MID-FLOOD	13.8
M01	20-Dec-04	MID-EBB	6.7	20-Dec-04	MID-FLOOD	6.9
M01	22-Dec-04	MID-EBB	6.9	22-Dec-04	MID-FLOOD	9.1
M01	24-Dec-04	MID-EBB	6.3	24-Dec-04	MID-FLOOD	8.1
M01	27-Dec-04	MID-EBB	7.2	27-Dec-04	MID-FLOOD	8.2
M01	29-Dec-04	MID-EBB	7.1	29-Dec-04	MID-FLOOD	6.4
M01	31-Dec-04	MID-EBB	6.4	31-Dec-04	MID-FLOOD	7.9
M01	3-Jan-05	MID-EBB	4.7	3-Jan-05	MID-FLOOD	5.1
M01	5-Jan-05	MID-EBB	6.1	5-Jan-05	MID-FLOOD	6.4
M01	7-Jan-05	MID-EBB	5.3	7-Jan-05	MID-FLOOD	4.0
M01	10-Jan-05	MID-EBB	6.1	10-Jan-05	MID-FLOOD	5.4
M01	12-Jan-05	MID-EBB	4.4	12-Jan-05	MID-FLOOD	6.7
M01	14-Jan-05	MID-EBB	5.7	14-Jan-05	MID-FLOOD	5.3
M01	17-Jan-05	MID-EBB	4.9	17-Jan-05	MID-FLOOD	6.1
M01	19-Jan-05	MID-EBB	5.4	19-Jan-05	MID-FLOOD	4.9
M01	21-Jan-05	MID-EBB	4.4	21-Jan-05	MID-FLOOD	4.1
M01	24-Jan-05	MID-EBB	5.2	24-Jan-05	MID-FLOOD	5.2
M01	26-Jan-05	MID-EBB	5.8	26-Jan-05	MID-FLOOD	6.3
M01	28-Jan-05	MID-EBB	5.0	28-Jan-05	MID-FLOOD	4.9
M01	31-Jan-05	MID-EBB	4.9	31-Jan-05	MID-FLOOD	5.3
M02	1-Nov-04	MID-EBB	10.2	1-Nov-04	MID-FLOOD	14.3
M02	3-Nov-04	MID-EBB	8.7	3-Nov-04	MID-FLOOD	9.8
M02	5-Nov-04	MID-EBB	11.4	5-Nov-04	MID-FLOOD	9.7
M02	8-Nov-04	MID-EBB	9.8	8-Nov-04	MID-FLOOD	9.3

**Baseline Results (DA)**

STN	DATE	TIDE	SS	DATE	TIDE	SS
M02	10-Nov-04	MID-EBB	8.3	10-Nov-04	MID-FLOOD	13.7
M02	12-Nov-04	MID-EBB	16.5	12-Nov-04	MID-FLOOD	12.6
M02	15-Nov-04	MID-EBB	12.9	15-Nov-04	MID-FLOOD	9.7
M02	17-Nov-04	MID-EBB	12.8	17-Nov-04	MID-FLOOD	13.7
M02	19-Nov-04	MID-EBB	14.3	19-Nov-04	MID-FLOOD	12.9
M02	22-Nov-04	MID-EBB	11.7	22-Nov-04	MID-FLOOD	9.9
M02	24-Nov-04	MID-EBB	10.0	24-Nov-04	MID-FLOOD	11.6
M02	26-Nov-04	MID-EBB	10.4	26-Nov-04	MID-FLOOD	14.4
M02	29-Nov-04	MID-EBB	11.9	29-Nov-04	MID-FLOOD	11.4
M02	1-Dec-04	MID-EBB	10.4	1-Dec-04	MID-FLOOD	8.7
M02	3-Dec-04	MID-EBB	11.3	3-Dec-04	MID-FLOOD	11.6
M02	6-Dec-04	MID-EBB	7.9	6-Dec-04	MID-FLOOD	7.8
M02	8-Dec-04	MID-EBB	14.1	8-Dec-04	MID-FLOOD	13.3
M02	10-Dec-04	MID-EBB	12.6	10-Dec-04	MID-FLOOD	9.7
M02	13-Dec-04	MID-EBB	12.7	13-Dec-04	MID-FLOOD	12.4
M02	15-Dec-04	MID-EBB	12.0	15-Dec-04	MID-FLOOD	18.7
M02	17-Dec-04	MID-EBB	15.9	17-Dec-04	MID-FLOOD	12.1
M02	20-Dec-04	MID-EBB	10.0	20-Dec-04	MID-FLOOD	14.2
M02	22-Dec-04	MID-EBB	8.2	22-Dec-04	MID-FLOOD	13.8
M02	24-Dec-04	MID-EBB	9.2	24-Dec-04	MID-FLOOD	10.2
M02	27-Dec-04	MID-EBB	9.3	27-Dec-04	MID-FLOOD	10.3
M02	29-Dec-04	MID-EBB	8.7	29-Dec-04	MID-FLOOD	8.3
M02	31-Dec-04	MID-EBB	9.3	31-Dec-04	MID-FLOOD	7.8
M02	3-Jan-05	MID-EBB	5.8	3-Jan-05	MID-FLOOD	7.8
M02	5-Jan-05	MID-EBB	10.5	5-Jan-05	MID-FLOOD	6.6
M02	7-Jan-05	MID-EBB	6.1	7-Jan-05	MID-FLOOD	4.7
M02	10-Jan-05	MID-EBB	8.6	10-Jan-05	MID-FLOOD	6.3
M02	12-Jan-05	MID-EBB	5.8	12-Jan-05	MID-FLOOD	9.2
M02	14-Jan-05	MID-EBB	8.1	14-Jan-05	MID-FLOOD	6.7
M02	17-Jan-05	MID-EBB	6.4	17-Jan-05	MID-FLOOD	5.5
M02	19-Jan-05	MID-EBB	9.5	19-Jan-05	MID-FLOOD	6.6
M02	21-Jan-05	MID-EBB	4.9	21-Jan-05	MID-FLOOD	3.7
M02	24-Jan-05	MID-EBB	6.2	24-Jan-05	MID-FLOOD	7.3
M02	26-Jan-05	MID-EBB	8.4	26-Jan-05	MID-FLOOD	7.8
M02	28-Jan-05	MID-EBB	6.4	28-Jan-05	MID-FLOOD	6.2
M02	31-Jan-05	MID-EBB	11.7	31-Jan-05	MID-FLOOD	7.7
M03	1-Nov-04	MID-EBB	7.7	1-Nov-04	MID-FLOOD	11.3
M03	3-Nov-04	MID-EBB	8.6	3-Nov-04	MID-FLOOD	7.7
M03	5-Nov-04	MID-EBB	12.8	5-Nov-04	MID-FLOOD	8.1
M03	8-Nov-04	MID-EBB	6.7	8-Nov-04	MID-FLOOD	9.6
M03	10-Nov-04	MID-EBB	7.7	10-Nov-04	MID-FLOOD	9.1
M03	12-Nov-04	MID-EBB	9.5	12-Nov-04	MID-FLOOD	9.2
M03	15-Nov-04	MID-EBB	12.6	15-Nov-04	MID-FLOOD	10.9
M03	17-Nov-04	MID-EBB	10.3	17-Nov-04	MID-FLOOD	10.2
M03	19-Nov-04	MID-EBB	13.4	19-Nov-04	MID-FLOOD	11.7
M03	22-Nov-04	MID-EBB	9.5	22-Nov-04	MID-FLOOD	10.8
M03	24-Nov-04	MID-EBB	10.9	24-Nov-04	MID-FLOOD	13.1
M03	26-Nov-04	MID-EBB	9.3	26-Nov-04	MID-FLOOD	10.1
M03	29-Nov-04	MID-EBB	12.7	29-Nov-04	MID-FLOOD	11.1
M03	1-Dec-04	MID-EBB	11.8	1-Dec-04	MID-FLOOD	11.2
M03	3-Dec-04	MID-EBB	10.1	3-Dec-04	MID-FLOOD	7.1
M03	6-Dec-04	MID-EBB	8.2	6-Dec-04	MID-FLOOD	8.1
M03	8-Dec-04	MID-EBB	6.6	8-Dec-04	MID-FLOOD	11.4
M03	10-Dec-04	MID-EBB	10.3	10-Dec-04	MID-FLOOD	10.9
M03	13-Dec-04	MID-EBB	8.5	13-Dec-04	MID-FLOOD	10.2
M03	15-Dec-04	MID-EBB	9.4	15-Dec-04	MID-FLOOD	9.4
M03	17-Dec-04	MID-EBB	12.2	17-Dec-04	MID-FLOOD	10.2
M03	20-Dec-04	MID-EBB	8.5	20-Dec-04	MID-FLOOD	9.6
M03	22-Dec-04	MID-EBB	7.3	22-Dec-04	MID-FLOOD	9.0
M03	24-Dec-04	MID-EBB	9.6	24-Dec-04	MID-FLOOD	6.4
M03	27-Dec-04	MID-EBB	7.2	27-Dec-04	MID-FLOOD	7.9
M03	29-Dec-04	MID-EBB	7.0	29-Dec-04	MID-FLOOD	7.7
M03	31-Dec-04	MID-EBB	7.6	31-Dec-04	MID-FLOOD	8.7
M03	3-Jan-05	MID-EBB	4.5	3-Jan-05	MID-FLOOD	7.5
M03	5-Jan-05	MID-EBB	7.6	5-Jan-05	MID-FLOOD	5.3
M03	7-Jan-05	MID-EBB	6.2	7-Jan-05	MID-FLOOD	4.7
M03	10-Jan-05	MID-EBB	6.1	10-Jan-05	MID-FLOOD	6.6
M03	12-Jan-05	MID-EBB	5.9	12-Jan-05	MID-FLOOD	8.1
M03	14-Jan-05	MID-EBB	5.6	14-Jan-05	MID-FLOOD	6.4
M03	17-Jan-05	MID-EBB	5.8	17-Jan-05	MID-FLOOD	5.7
M03	19-Jan-05	MID-EBB	6.7	19-Jan-05	MID-FLOOD	6.1
M03	21-Jan-05	MID-EBB	4.8	21-Jan-05	MID-FLOOD	4.4
M03	24-Jan-05	MID-EBB	5.9	24-Jan-05	MID-FLOOD	5.6
M03	26-Jan-05	MID-EBB	5.1	26-Jan-05	MID-FLOOD	6.2
M03	28-Jan-05	MID-EBB	5.8	28-Jan-05	MID-FLOOD	6.6
M03	31-Jan-05	MID-EBB	6.9	31-Jan-05	MID-FLOOD	6.9
M04	1-Nov-04	MID-EBB	7.2	1-Nov-04	MID-FLOOD	12.3
M04	3-Nov-04	MID-EBB	9.3	3-Nov-04	MID-FLOOD	9.3
M04	5-Nov-04	MID-EBB	10.9	5-Nov-04	MID-FLOOD	8.2
M04	8-Nov-04	MID-EBB	6.1	8-Nov-04	MID-FLOOD	10.6
M04	10-Nov-04	MID-EBB	7.2	10-Nov-04	MID-FLOOD	9.7
M04	12-Nov-04	MID-EBB	7.6	12-Nov-04	MID-FLOOD	15.3
M04	15-Nov-04	MID-EBB	8.9	15-Nov-04	MID-FLOOD	11.4
M04	17-Nov-04	MID-EBB	7.9	17-Nov-04	MID-FLOOD	10.6
M04	19-Nov-04	MID-EBB	12.4	19-Nov-04	MID-FLOOD	9.6
M04	22-Nov-04	MID-EBB	6.6	22-Nov-04	MID-FLOOD	10.6
M04	24-Nov-04	MID-EBB	8.6	24-Nov-04	MID-FLOOD	9.2
M04	26-Nov-04	MID-EBB	7.7	26-Nov-04	MID-FLOOD	11.9
M04	29-Nov-04	MID-EBB	8.8	29-Nov-04	MID-FLOOD	9.8
M04	1-Dec-04	MID-EBB	9.6	1-Dec-04	MID-FLOOD	10.7
M04	3-Dec-04	MID-EBB	10.3	3-Dec-04	MID-FLOOD	7.9
M04	6-Dec-04	MID-EBB	11.6	6-Dec-04	MID-FLOOD	6.3
M04	8-Dec-04	MID-EBB	6.9	8-Dec-04	MID-FLOOD	8.6
M04	10-Dec-04	MID-EBB	7.3	10-Dec-04	MID-FLOOD	8.4
M04	13-Dec-04	MID-EBB	6.9	13-Dec-04	MID-FLOOD	7.9
M04	15-Dec-04	MID-EBB	7.8	15-Dec-04	MID-FLOOD	8.8
M04	17-Dec-04	MID-EBB	9.3	17-Dec-04	MID-FLOOD	8.9
M04	20-Dec-04	MID-EBB	7.5	20-Dec-04	MID-FLOOD	8.5

**Impact Monitoring Results (DA)**

STN	DATE	TIDE	SS	DATE	TIDE	SS
M02	10-Nov-04	MID-EBB	8.3	10-Nov-04	MID-FLOOD	13.7
M02	12-Nov-04	MID-EBB	16.5	12-Nov-04	MID-FLOOD	12.6
M02	15-Nov-04	MID-EBB	12.9	15-Nov-04	MID-FLOOD	9.7
M02	17-Nov-04	MID-EBB	12.8	17-Nov-04	MID-FLOOD	13.7
M02	19-Nov-04	MID-EBB	14.3	19-Nov-04	MID-FLOOD	12.9
M02	22-Nov-04	MID-EBB	11.7	22-Nov-04	MID-FLOOD	9.9
M02	24-Nov-04	MID-EBB	10.0	24-Nov-04	MID-FLOOD	11.6
M02	26-Nov-04	MID-EBB	10.4	26-Nov-04	MID-FLOOD	14.4
M02	29-Nov-04	MID-EBB	11.9	29-Nov-04	MID-FLOOD	11.4
M02	1-Dec-04	MID-EBB	10.4	1-Dec-04	MID-FLOOD	8.7
M02	3-Dec-04	MID-EBB	11.3	3-Dec-04	MID-FLOOD	11.6
M02	6-Dec-04	MID-EBB	7.9	6-Dec-04	MID-FLOOD	7.8
M02	8-Dec-04	MID-EBB	14.1	8-Dec-04	MID-FLOOD	13.3
M02	10-Dec-04	MID-EBB	12.6	10-Dec-04	MID-FLOOD	9.7
M02	13-Dec-04	MID-EBB	12.7	13-Dec-04	MID-FLOOD	12.4
M02	15-Dec-04	MID-EBB	12.0	15-Dec-04	MID-FLOOD	18.7
M02	17-Dec-04	MID-EBB	15.9	17-Dec-04	MID-FLOOD	12.1
M02	20-Dec-04	MID-EBB	10.0	20-Dec-04	MID-FLOOD	14.2
M02	22-Dec-04	MID-EBB	8.2	22-Dec-04	MID-FLOOD	13.8
M02	24-Dec-04	MID-EBB	9.2	24-Dec-04	MID-FLOOD	10.2
M02	27-Dec-04	MID-EBB	9.3	27-Dec-04	MID-FLOOD	10.3
M02	29-Dec-04	MID-EBB	8.7	29-Dec-04	MID-FLOOD	8.3
M02	31-Dec-04	MID-EBB	9.3	31-Dec-04	MID-FLOOD	7.8
M02	3-Jan-05	MID-EBB	5.8	3-Jan-05	MID-FLOOD	7.8
M02	5-Jan-05	MID-EBB	10.5	5-Jan-05	MID-FLOOD	6.6
M02	7-Jan-05	MID-EBB	6.1	7-Jan-05	MID-FLOOD	4.7
M02	10-Jan-05	MID-EBB	8.6	10-Jan-05	MID-FLOOD	6.3
M02	12-Jan-05	MID-EBB	5.8	12-Jan-05	MID-FLOOD	9.2
M02	14-Jan-05	MID-EBB	8.1	14-Jan-05	MID-FLOOD	6.7
M02	17-Jan-05	MID-EBB	6.4	17-Jan-05	MID-FLOOD	5.5
M02	19-Jan-05	MID-EBB	9.5	19-Jan-05	MID-FLOOD	6.6
M02	21-Jan-05	MID-EBB	4.9	21-Jan-05	MID-FLOOD	3.7
M02	24-Jan-05	MID-EBB	6.2	24-Jan-05	MID-FLOOD	7.3
M02	26-Jan-05	MID-EBB	8.4	26-Jan-05	MID-FLOOD	7.8
M02	28-Jan-05	MID-EBB	6.4	28-Jan-05	MID-FLOOD	6.2
M02	31-Jan-05	MID-EBB	11.7	31-Jan-05	MID-FLOOD	7.7
M03	1-Nov-04	MID-EBB	7.7	1-Nov-04	MID-FLOOD	11.3
M03	3-Nov-04	MID-EBB	8.6	3-Nov-04	MID-FLOOD	7.7
M03	5-Nov-04	MID-EBB	12.8	5-Nov-04	MID-FLOOD	8.1
M03	8-Nov-04	MID-EBB	6.7	8-Nov-04	MID-FLOOD	9.6
M03	10-Nov-04	MID-EBB	7.7	10-Nov-04	MID-FLOOD	9.1
M03	12-Nov-04	MID-EBB	9.5	12-Nov-04	MID-FLOOD	9.2
M03	15-Nov-04	MID-EBB	12.6	15-Nov-04	MID-FLOOD	10.9
M03	17-Nov-04	MID-EBB	10.3	17-Nov-04	MID-FLOOD	10.2
M03	19-Nov-04	MID-EBB	13.4	19-Nov-04	MID-FLOOD	11.7
M03	22-Nov-04	MID-EBB	9.5	22-Nov-04	MID-FLOOD	10.8
M03	24-Nov-04	MID-EBB	10.9	24-Nov-04	MID-FLOOD	13.1
M03	26-Nov-04	MID-EBB	9.3	26-Nov-04	MID-FLOOD	10.1
M03	29-Nov-04	MID-EBB	12.7	29-Nov-04	MID-FLOOD	11.1
M03	1-Dec-04	MID-EBB	11.8	1-Dec-04	MID-FLOOD	11.2
M03	3-Dec-04	MID-EBB	10.1	3-Dec-04	MID-FLOOD	7.1
M03	6-Dec-04	MID-EBB	8.2	6-Dec-04	MID-FLOOD	8.1
M03	8-Dec-04	MID-EBB	6.6	8-Dec-04	MID-FLOOD	11.4
M03	10-Dec-04	MID-EBB	10.3	10-Dec-04	MID-FLOOD	10.9
M03	13-Dec-04	MID-EBB	8.5	13-Dec-04	MID-FLOOD	10.2
M03	15-Dec-04	MID-EBB	9.4	15-Dec-04	MID-FLOOD	9.4
M03	17-Dec-04	MID-EBB	12.2	17-Dec-04	MID-FLOOD	10.2
M03	20-Dec-04	MID-EBB	8.5	20-Dec-04	MID-FLOOD	9.6
M03	22-Dec-04	MID-EBB	7.3	22-Dec-04	MID-FLOOD	9.0
M03	24-Dec-04	MID-EBB	9.6	24-Dec-04	MID-FLOOD	6.4
M03	27-Dec-04	MID-EBB	7.2	27-Dec-04	MID-FLOOD	7.9
M03	29-Dec-04	MID-EBB	7.0	29-Dec-04	MID-FLOOD	7.7
M03	31-Dec-04	MID-EBB	7.6	31-Dec-04	MID-FLOOD	8.7
M03	3-Jan-05	MID-EBB	4.5	3-Jan-05	MID-FLOOD	7.5
M03	5-Jan-05	MID-EBB	7.6	5-Jan-05	MID-FLOOD	5.3
M03	7-Jan-05	MID-EBB	6.2	7-Jan-05	MID-FLOOD	4.7
M03	10-Jan-05	MID-EBB	6.1	10-Jan-05	MID-FLOOD	6.6
M03	12-Jan-05	MID-EBB	5.9	12-Jan-05	MID-FLOOD	8.1
M03	14-Jan-05	MID-EBB	5.6	14-Jan-05	MID-FLOOD	6.4
M03	17-Jan-05	MID-EBB	5.8	17-Jan-05	MID-FLOOD	5.7
M03	19-Jan-05	MID-EBB	6.7	19-Jan-05	MID-FLOOD	6.1
M03	21-Jan-05	MID-EBB	4.8	21-Jan-05	MID-FLOOD	4.4
M03	24-Jan-05	MID-EBB	5.9	24-Jan-05	MID-FLOOD	5.6
M03	26-Jan-05	MID-EBB	5.1	26-Jan-05	MID-FLOOD	6.2
M03	28-Jan-05	MID-EBB	5.8	28-Jan-05	MID-FLOOD	6.6
M03	31-Jan-05	MID-EBB	6.9	31-Jan-05	MID-FLOOD	6.9
M04	1-Nov-04	MID-EBB	7.2	1-Nov-04	MID-FLOOD	12.3
M04	3-Nov-04	MID-EBB	9.3	3-Nov-04	MID-FLOOD	9.3
M04	5-Nov-04	MID-EBB	10.9	5-Nov-04	MID-FLOOD	8.2
M04	8-Nov-04	MID-EBB	6.1	8-Nov-04	MID-FLOOD	10.6
M04	10-Nov-04	MID-EBB	7.2	10-Nov-04	MID-FLOOD	9.7
M04	12-Nov-04	MID-EBB	7.6	12-Nov-04	MID	



**Baseline Results (DA)**

STN	DATE	TIDE	SS	DATE	TIDE	SS
M11	1-Nov-04	MID-EBB	8.6	1-Nov-04	MID-FLOOD	8.7
M11	3-Nov-04	MID-EBB	7.2	3-Nov-04	MID-FLOOD	5.9
M11	5-Nov-04	MID-EBB	8.3	5-Nov-04	MID-FLOOD	7.6
M11	8-Nov-04	MID-EBB	8.2	8-Nov-04	MID-FLOOD	7.5
M11	10-Nov-04	MID-EBB	9.8	10-Nov-04	MID-FLOOD	9.1
M11	12-Nov-04	MID-EBB	12.4	12-Nov-04	MID-FLOOD	9.2
M11	15-Nov-04	MID-EBB	9.7	15-Nov-04	MID-FLOOD	9.9
M11	17-Nov-04	MID-EBB	10.0	17-Nov-04	MID-FLOOD	9.6
M11	19-Nov-04	MID-EBB	7.6	19-Nov-04	MID-FLOOD	7.9
M11	22-Nov-04	MID-EBB	10.5	22-Nov-04	MID-FLOOD	9.8
M11	24-Nov-04	MID-EBB	9.1	24-Nov-04	MID-FLOOD	8.8
M11	26-Nov-04	MID-EBB	8.9	26-Nov-04	MID-FLOOD	8.2
M11	29-Nov-04	MID-EBB	10.8	29-Nov-04	MID-FLOOD	10.4
M11	1-Dec-04	MID-EBB	9.9	1-Dec-04	MID-FLOOD	8.6
M11	3-Dec-04	MID-EBB	8.2	3-Dec-04	MID-FLOOD	12.3
M11	6-Dec-04	MID-EBB	5.8	6-Dec-04	MID-FLOOD	7.3
M11	8-Dec-04	MID-EBB	8.1	8-Dec-04	MID-FLOOD	10.8
M11	10-Dec-04	MID-EBB	11.1	10-Dec-04	MID-FLOOD	9.4
M11	13-Dec-04	MID-EBB	8.7	13-Dec-04	MID-FLOOD	8.3
M11	15-Dec-04	MID-EBB	9.2	15-Dec-04	MID-FLOOD	8.3
M11	17-Dec-04	MID-EBB	11.8	17-Dec-04	MID-FLOOD	13.8
M11	20-Dec-04	MID-EBB	7.2	20-Dec-04	MID-FLOOD	6.4
M11	22-Dec-04	MID-EBB	7.1	22-Dec-04	MID-FLOOD	9.4
M11	24-Dec-04	MID-EBB	5.8	24-Dec-04	MID-FLOOD	8.4
M11	27-Dec-04	MID-EBB	8.5	27-Dec-04	MID-FLOOD	9.3
M11	29-Dec-04	MID-EBB	6.9	29-Dec-04	MID-FLOOD	5.8
M11	31-Dec-04	MID-EBB	6.5	31-Dec-04	MID-FLOOD	7.2
M11	3-Jan-05	MID-EBB	4.8	3-Jan-05	MID-FLOOD	4.5
M11	5-Jan-05	MID-EBB	4.8	5-Jan-05	MID-FLOOD	4.0
M11	7-Jan-05	MID-EBB	4.4	7-Jan-05	MID-FLOOD	4.4
M11	10-Jan-05	MID-EBB	6.2	10-Jan-05	MID-FLOOD	6.6
M11	12-Jan-05	MID-EBB	5.4	12-Jan-05	MID-FLOOD	6.3
M11	14-Jan-05	MID-EBB	5.8	14-Jan-05	MID-FLOOD	6.4
M11	17-Jan-05	MID-EBB	5.8	17-Jan-05	MID-FLOOD	6.3
M11	19-Jan-05	MID-EBB	6.1	19-Jan-05	MID-FLOOD	6.3
M11	21-Jan-05	MID-EBB	3.8	21-Jan-05	MID-FLOOD	4.8
M11	24-Jan-05	MID-EBB	5.5	24-Jan-05	MID-FLOOD	5.2
M11	26-Jan-05	MID-EBB	5.7	26-Jan-05	MID-FLOOD	6.3
M11	28-Jan-05	MID-EBB	5.1	28-Jan-05	MID-FLOOD	4.9
M11	31-Jan-05	MID-EBB	4.6	31-Jan-05	MID-FLOOD	5.6
M12	1-Nov-04	MID-EBB	12.2	1-Nov-04	MID-FLOOD	12.8
M12	3-Nov-04	MID-EBB	8.7	3-Nov-04	MID-FLOOD	5.4
M12	5-Nov-04	MID-EBB	8.2	5-Nov-04	MID-FLOOD	8.1
M12	8-Nov-04	MID-EBB	6.3	8-Nov-04	MID-FLOOD	8.4
M12	10-Nov-04	MID-EBB	5.7	10-Nov-04	MID-FLOOD	7.1
M12	12-Nov-04	MID-EBB	9.1	12-Nov-04	MID-FLOOD	9.7
M12	15-Nov-04	MID-EBB	10.2	15-Nov-04	MID-FLOOD	11.1
M12	17-Nov-04	MID-EBB	8.6	17-Nov-04	MID-FLOOD	11.3
M12	19-Nov-04	MID-EBB	10.5	19-Nov-04	MID-FLOOD	10.4
M12	22-Nov-04	MID-EBB	8.2	22-Nov-04	MID-FLOOD	8.6
M12	24-Nov-04	MID-EBB	7.7	24-Nov-04	MID-FLOOD	9.4
M12	26-Nov-04	MID-EBB	7.7	26-Nov-04	MID-FLOOD	8.6
M12	29-Nov-04	MID-EBB	7.3	29-Nov-04	MID-FLOOD	12.2
M12	1-Dec-04	MID-EBB	8.3	1-Dec-04	MID-FLOOD	12.4
M12	3-Dec-04	MID-EBB	10.6	3-Dec-04	MID-FLOOD	6.8
M12	6-Dec-04	MID-EBB	6.1	6-Dec-04	MID-FLOOD	9.5
M12	8-Dec-04	MID-EBB	8.8	8-Dec-04	MID-FLOOD	8.6
M12	10-Dec-04	MID-EBB	7.7	10-Dec-04	MID-FLOOD	9.0
M12	13-Dec-04	MID-EBB	7.4	13-Dec-04	MID-FLOOD	10.3
M12	15-Dec-04	MID-EBB	8.1	15-Dec-04	MID-FLOOD	9.7
M12	17-Dec-04	MID-EBB	8.0	17-Dec-04	MID-FLOOD	10.2
M12	20-Dec-04	MID-EBB	6.2	20-Dec-04	MID-FLOOD	5.4
M12	22-Dec-04	MID-EBB	6.3	22-Dec-04	MID-FLOOD	6.1
M12	24-Dec-04	MID-EBB	7.4	24-Dec-04	MID-FLOOD	5.9
M12	27-Dec-04	MID-EBB	6.1	27-Dec-04	MID-FLOOD	5.0
M12	29-Dec-04	MID-EBB	6.1	29-Dec-04	MID-FLOOD	7.7
M12	31-Dec-04	MID-EBB	5.4	31-Dec-04	MID-FLOOD	8.2
M12	3-Jan-05	MID-EBB	5.0	3-Jan-05	MID-FLOOD	5.1
M12	5-Jan-05	MID-EBB	5.9	5-Jan-05	MID-FLOOD	4.3
M12	7-Jan-05	MID-EBB	5.7	7-Jan-05	MID-FLOOD	4.8
M12	10-Jan-05	MID-EBB	5.4	10-Jan-05	MID-FLOOD	5.7
M12	12-Jan-05	MID-EBB	4.3	12-Jan-05	MID-FLOOD	8.3
M12	14-Jan-05	MID-EBB	5.9	14-Jan-05	MID-FLOOD	7.7
M12	17-Jan-05	MID-EBB	9.5	17-Jan-05	MID-FLOOD	4.8
M12	19-Jan-05	MID-EBB	4.8	19-Jan-05	MID-FLOOD	4.1
M12	21-Jan-05	MID-EBB	3.9	21-Jan-05	MID-FLOOD	3.7
M12	24-Jan-05	MID-EBB	4.6	24-Jan-05	MID-FLOOD	5.4
M12	26-Jan-05	MID-EBB	5.4	26-Jan-05	MID-FLOOD	6.8
M12	28-Jan-05	MID-EBB	7.6	28-Jan-05	MID-FLOOD	6.4
M12	31-Jan-05	MID-EBB	5.9	31-Jan-05	MID-FLOOD	5.7

**Impact Monitoring Results (DA)**

STN	DATE	TIDE	SS	DATE	TIDE	SS
M11	1-Nov-04	MID-EBB	8.6	1-Nov-04	MID-FLOOD	8.7
M11	3-Nov-04	MID-EBB	7.2	3-Nov-04	MID-FLOOD	5.9
M11	5-Nov-04	MID-EBB	8.3	5-Nov-04	MID-FLOOD	7.6
M11	8-Nov-04	MID-EBB	8.2	8-Nov-04	MID-FLOOD	7.5
M11	10-Nov-04	MID-EBB	9.8	10-Nov-04	MID-FLOOD	9.1
M11	12-Nov-04	MID-EBB	12.4	12-Nov-04	MID-FLOOD	9.2
M11	15-Nov-04	MID-EBB	9.7	15-Nov-04	MID-FLOOD	9.9
M11	17-Nov-04	MID-EBB	10.0	17-Nov-04	MID-FLOOD	9.6
M11	19-Nov-04	MID-EBB	7.6	19-Nov-04	MID-FLOOD	7.9
M11	22-Nov-04	MID-EBB	10.5	22-Nov-04	MID-FLOOD	9.8
M11	24-Nov-04	MID-EBB	9.1	24-Nov-04	MID-FLOOD	8.8
M11	26-Nov-04	MID-EBB	8.9	26-Nov-04	MID-FLOOD	8.2
M11	29-Nov-04	MID-EBB	10.8	29-Nov-04	MID-FLOOD	10.4
M11	1-Dec-04	MID-EBB	9.9	1-Dec-04	MID-FLOOD	8.6
M11	3-Dec-04	MID-EBB	8.2	3-Dec-04	MID-FLOOD	12.3
M11	6-Dec-04	MID-EBB	5.8	6-Dec-04	MID-FLOOD	7.3
M11	8-Dec-04	MID-EBB	8.1	8-Dec-04	MID-FLOOD	10.8
M11	10-Dec-04	MID-EBB	11.1	10-Dec-04	MID-FLOOD	9.4
M11	13-Dec-04	MID-EBB	8.7	13-Dec-04	MID-FLOOD	8.3
M11	15-Dec-04	MID-EBB	9.2	15-Dec-04	MID-FLOOD	8.3
M11	17-Dec-04	MID-EBB	11.8	17-Dec-04	MID-FLOOD	13.8
M11	20-Dec-04	MID-EBB	7.2	20-Dec-04	MID-FLOOD	6.4
M11	22-Dec-04	MID-EBB	7.1	22-Dec-04	MID-FLOOD	9.4
M11	24-Dec-04	MID-EBB	5.8	24-Dec-04	MID-FLOOD	8.4
M11	27-Dec-04	MID-EBB	8.5	27-Dec-04	MID-FLOOD	9.3
M11	29-Dec-04	MID-EBB	6.9	29-Dec-04	MID-FLOOD	5.8
M11	31-Dec-04	MID-EBB	6.5	31-Dec-04	MID-FLOOD	7.2
M11	3-Jan-05	MID-EBB	4.8	3-Jan-05	MID-FLOOD	4.5
M11	5-Jan-05	MID-EBB	4.8	5-Jan-05	MID-FLOOD	4.0
M11	7-Jan-05	MID-EBB	4.4	7-Jan-05	MID-FLOOD	4.4
M11	10-Jan-05	MID-EBB	6.2	10-Jan-05	MID-FLOOD	6.6
M11	12-Jan-05	MID-EBB	5.4	12-Jan-05	MID-FLOOD	6.3
M11	14-Jan-05	MID-EBB	5.8	14-Jan-05	MID-FLOOD	6.4
M11	17-Jan-05	MID-EBB	5.8	17-Jan-05	MID-FLOOD	6.3
M11	19-Jan-05	MID-EBB	6.1	19-Jan-05	MID-FLOOD	6.3
M11	21-Jan-05	MID-EBB	3.8	21-Jan-05	MID-FLOOD	4.8
M11	24-Jan-05	MID-EBB	5.5	24-Jan-05	MID-FLOOD	5.2
M11	26-Jan-05	MID-EBB	5.7	26-Jan-05	MID-FLOOD	6.3
M11	28-Jan-05	MID-EBB	5.1	28-Jan-05	MID-FLOOD	4.9
M11	31-Jan-05	MID-EBB	4.6	31-Jan-05	MID-FLOOD	5.6
M12	1-Nov-04	MID-EBB	12.2	1-Nov-04	MID-FLOOD	12.8
M12	3-Nov-04	MID-EBB	8.7	3-Nov-04	MID-FLOOD	5.4
M12	5-Nov-04	MID-EBB	8.2	5-Nov-04	MID-FLOOD	8.1
M12	8-Nov-04	MID-EBB	6.3	8-Nov-04	MID-FLOOD	8.4
M12	10-Nov-04	MID-EBB	5.7	10-Nov-04	MID-FLOOD	7.1
M12	12-Nov-04	MID-EBB	9.1	12-Nov-04	MID-FLOOD	9.7
M12	15-Nov-04	MID-EBB	10.2	15-Nov-04	MID-FLOOD	11.1
M12	17-Nov-04	MID-EBB	8.6	17-Nov-04	MID-FLOOD	11.3
M12	19-Nov-04	MID-EBB	10.5	19-Nov-04	MID-FLOOD	10.4
M12	22-Nov-04	MID-EBB	8.2	22-Nov-04	MID-FLOOD	8.6
M12	24-Nov-04	MID-EBB	7.7	24-Nov-04	MID-FLOOD	9.4
M12	26-Nov-04	MID-EBB	7.7	26-Nov-04	MID-FLOOD	8.6
M12	29-Nov-04	MID-EBB	7.3	29-Nov-04	MID-FLOOD	12.2
M12	1-Dec-04	MID-EBB	8.3	1-Dec-04	MID-FLOOD	12.4
M12	3-Dec-04	MID-EBB	10.6	3-Dec-04	MID-FLOOD	6.8
M12	6-Dec-04	MID-EBB	6.1	6-Dec-04	MID-FLOOD	9.5
M12	8-Dec-04	MID-EBB	8.8	8-Dec-04	MID-FLOOD	8.6
M12	10-Dec-04	MID-EBB	7.7	10-Dec-04	MID-FLOOD	9.0
M12	13-Dec-04	MID-EBB	7.4	13-Dec-04	MID-FLOOD	10.3
M12	15-Dec-04	MID-EBB	8.1	15-Dec-04	MID-FLOOD	9.7
M12	17-Dec-04	MID-EBB	8.0	17-Dec-04	MID-FLOOD	10.2
M12	20-Dec-04	MID-EBB	6.2	20-Dec-04	MID-FLOOD	5.4
M12	22-Dec-04	MID-EBB	6.3	22-Dec-04	MID-FLOOD	6.1
M12	24-Dec-04	MID-EBB	7.4	24-Dec-04	MID-FLOOD	5.9
M12	27-Dec-04	MID-EBB	6.1	27-Dec-04	MID-FLOOD	5.0
M12	29-Dec-04	MID-EBB	6.1	29-Dec-04	MID-FLOOD	7.7
M12	31-Dec-04	MID-EBB	5.4	31-Dec-04	MID-FLOOD	8.2
M12	3-Jan-05	MID-EBB	5.0	3-Jan-05	MID-FLOOD	5.1
M12	5-Jan-05	MID-EBB	5.9	5-Jan-05	MID-FLOOD	4.3
M12	7-Jan-05	MID-EBB	5.7	7-Jan-05	MID-FLOOD	4.8
M12	10-Jan-05	MID-EBB	5.4	10-Jan-05	MID-FLOOD	5.7
M12	12-Jan-05	MID-EBB	4.3	12-Jan-05	MID-FLOOD	8.3
M12	14-Jan-05	MID-EBB	5.9	14-Jan-05	MID-FLOOD	7.7
M12	17-Jan-05	MID-EBB	9.5	17-Jan-05	MID-FLOOD	4.8
M12	19-Jan-05	MID-EBB	4.8	19-Jan-05	MID-FLOOD	4.1
M12	21-Jan-05	MID-EBB	3.9	21-Jan-05	MID-FLOOD	3.7
M12	24-Jan-05	MID-EBB	4.6	24-Jan-05	MID-FLOOD	5.4
M12	26-Jan-05	MID-EBB	5.4	26-Jan-05	MID-FLOOD	6.8
M12	28-Jan-05	MID-EBB	7.6	28-Jan-05	MID-FLOOD	6.4
M12	31-Jan-05	MID-EBB	5.9	31-Jan-05	MID-FLOOD	5.7

$$\begin{aligned}
 n_2 &= 1120 \\
 \bar{X}_2 &= 7.0 \\
 \sum (X_i - \bar{X}_2)^2 &= 8504 \\
 s_2 &= 2.8
 \end{aligned}$$