

**SCECAP 2004 Water Quality
25Hr and Instantaneous Records
Temperature**

Open Water

Station	depth (m*)	Continuous Temperature (celsius)				Instantaneous Temperature (celsius)		
		mean	min	max	range	surf	bott	diff.
RO046061	14.0	29.0	28.6	29.2	0.6	28.5	28.6	0.1
RO046062	1.8	26.6	25.7	27.2	1.6	29.4	29.3	0.1
RO046063	5.5	29.0	28.7	29.5	0.8	29.4	29.4	0.0
RO046064	3.0	29.3	28.8	29.8	1.0	29.2	29.1	0.1
RO046065	6.7	30.4	30.0	30.7	0.7	30.2	30.2	0.0
RO046066	4.6	27.8	27.5	28.2	0.7	27.8	27.9	0.1
RO046067	9.1	25.0	24.8	25.3	0.4	27.7	27.6	0.1
RO046068	1.2	28.1	27.7	28.6	0.9	27.5	27.4	0.1
RO046069	10.1	27.8	27.7	28.2	0.5	28.3	27.6	0.7
RO046070	5.5	29.9	29.7	30.0	0.4	29.9	29.7	0.2
RO046071	8.0	27.8	27.5	28.1	0.6	27.6	27.7	0.1
RO046072	2.4	27.8	26.5	28.7	2.3	26.7	26.6	0.1
RO046073	1.8	30.6	29.9	31.0	1.1	29.9	29.9	0.0
RO046074	2.7	30.0	29.1	31.2	2.1	30.2	30.0	0.2
RO046075	10.1	30.2	29.9	30.6	0.7	29.8	29.9	0.1
RO046076	3.7	28.9	28.2	29.8	1.6	28.4	28.2	0.2
RO046077	2.4	30.9	30.5	31.9	1.4	31.4	31.4	0.0
RO046078	2.7	28.3	27.9	29.3	1.4	28.3	28.2	0.1
RO046079	3.4	31.1	30.4	31.7	1.4	30.2	30.2	0.0
RO046080	0.3	26.6	26.0	27.6	1.6	29.0	28.9	0.1
RO046081	10.4	30.3	29.8	30.6	0.8	30.5	30.3	0.2
RO046082	3.0	29.0	28.1	30.2	2.1	28.6	28.7	0.1
RO046083	7.0	30.6	30.4	31.1	0.7	30.4	30.4	0.0
RO046084	1.8	28.9	27.9	30.0	2.1	31.1	31.1	0.0
RO046085	4.6	30.7	30.0	32.1	2.1	30.2	30.1	0.1
RO046086	8.8	29.2	29.0	29.5	0.5	29.5	29.4	0.1
RO046087	6.4	31.0	30.4	31.3	0.9	30.8	30.4	0.4
RO046088	1.5	29.9	29.1	30.4	1.2	29.0	29.1	0.1
RO046089	4.9	30.4	29.9	31.6	1.7	29.8	29.9	0.1
RO046090	11.0	29.2	28.9	29.5	0.5	29.1	29.1	0.0
**RO046286	5.8	30.5	29.9	31.6	1.7	30.1	30.3	0.2
Mean	5.3	29.1	28.6	29.8	1.1	29.3	29.2	0.1

Tidal Creeks

Station	depth (m*)	Continuous Temperature (celsius)				Instantaneous Temperature (celsius)		
		mean	min	max	range	surf	bott	diff.
RT042061	3.0	31.0	29.4	33.2	3.8	29.6	29.6	0.0
RT042062	3.0	26.4	25.4	27.4	2.0	26.9	26.9	0.0
RT042063	2.4	29.6	29.2	30.1	0.9	29.1	29.2	0.1
RT042064	1.2	29.8	28.4	32.1	3.7	28.3		
RT042067	2.4	31.2	30.0	32.3	2.3	30.0	30.0	0.0
RT042068	2.8	29.7	28.9	30.7	1.8	28.8	28.9	0.1
RT042069	3.7	31.4	30.4	32.0	1.5	30.4	30.4	0.0
RT042070	2.4	30.0	29.0	30.9	1.8	29.5	29.5	0.0
RT042072	1.5	31.3	29.8	33.8	4.0	30.5	30.6	0.1
RT042073	1.5	28.2	27.4	28.9	1.5	27.2	27.2	0.0
RT042074	1.8	30.1	29.2	32.4	3.3	31.3	31.3	0.0
RT042075	3.4	30.9	30.4	31.3	0.9	30.2	30.1	0.1
RT042076	3.4	27.9	26.6	28.8	2.3	27.1	27.1	0.0
RT042077	2.4	31.1	29.6	32.0	2.3	30.0	30.0	0.0
RT042078	3.7	27.4	25.8	28.4	2.6	26.4	26.4	0.0
RT042079	5.2	27.6	27.1	28.0	0.9	27.4	27.4	0.0
RT042080	1.5	29.8	28.6	32.1	3.5	32.4	30.9	1.5
RT042081	6.1	27.8	27.5	28.2	0.7	28.0	27.8	0.2
RT042082	2.7	28.6	27.5	30.9	3.4	28.0	28.0	0.0
RT042083	1.2	31.4	30.5	33.4	2.9	30.7	30.6	0.1
RT042084	2.7	26.5	24.9	28.2	3.3	26.5	26.3	0.2
RT042086	1.5	27.1	25.2	29.3	4.1	30.9	30.5	0.4
RT042087	2.7	30.9	30.2	31.5	1.3	30.8	30.8	0.0
RT042088	1.2	29.1	28.2	30.7	2.5	30.7	30.7	0.0
RT042089	2.4	31.3	30.2	32.3	2.0	30.4	30.4	0.0
RT042191	2.4	30.6	30.0	31.4	1.4	30.2	30.2	0
RT042193	3.4	31.0	30.4	31.5	1.1	30.7	30.5	0.2
RT042194	0.9	27.3	26.1	28.2	2.2	26.6	26.6	0
RT042195	4.9	32.4	31.1	33.6	2.5	31.6	31.6	0.0
RT042196	1.5	31.9	30.7	34.2	3.5	31.1	31.1	0.0
**RT042266	2.4	30.2	29.5	31.5	1.9	30.0	29.9	0.1
Mean	2.6	29.6	28.6	30.9	2.3	29.4	29.3	0.1

*Depth is water depth at station in meters

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**Additional stations sampled in Charleston Harbor which are not included in the means