

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

**Open Water**

Station	depth (m*)	Continuous Bottom salinity (ppt)				Instantaneous salinity (ppt)		
		mean	min	max	range	surf	bott	diff.
RO046061	14.0	18.4	11.8	24.6	12.7	11.1	14.9	3.8
RO046062	1.8	11.3	4.5	16.7	12.2	9.2	9.3	0.1
RO046063	5.5	32.5	30.6	33.5	2.9	32.5	32.6	0.1
RO046064	3.0	18.0	12.4	25.3	12.9	13.0	14.8	1.8
RO046065	6.7	34.4	31.3	36.6	5.4	33.1	33.3	0.2
RO046066	4.6	32.2	27.6	35.6	8.0	23.8	30.9	7.1
RO046067	9.1	32.2	30.4	34.0	3.7	32.1	32.6	0.5
RO046068	1.2	35.0	34.1	35.4	1.3	34.7	34.8	0.1
RO046069	10.1	30.8	26.6	33.7	7.1	30.7	31.4	0.7
RO046070	5.5	17.7	13.7	23.7	9.9	11.4	15.1	3.7
RO046071	8.0	15.2	12.1	17.7	5.6	13.4	15.9	2.5
RO046072	2.4	37.1	36.4	38.1	1.7	37.3	37.4	0.1
RO046073	1.8	27.1	26.6	27.5	0.9	27.0	27.0	0.0
RO046074	2.7	35.2	33.3	36.8	3.5	35.1	35.4	0.3
RO046075	10.1	32.5	30.9	33.5	2.5	31.8	31.9	0.1
RO046076	3.7	25.0	20.2	30.0	9.9	30.0	31.0	1.0
RO046077	2.4	29.3	28.0	31.0	3.1	28.4	28.4	0.0
RO046078	2.7	29.6	26.6	31.7	5.1	26.6	26.7	0.1
RO046079	3.4	28.8	27.0	30.4	3.4	28.6	28.7	0.1
RO046080	0.3	31.4	29.2	34.6	5.4	31.4	31.5	0.1
RO046081	10.4	28.0	16.3	36.6	20.3	33.9	34.4	0.5
RO046082	3.0	27.3	20.8	33.5	12.7	24.8	25.1	0.3
RO046083	7.0	34.0	31.2	36.3	5.1	33.7	33.8	0.1
RO046084	1.8	21.3	20.8	21.8	1.0	20.9	20.9	0.0
RO046085	4.6	28.9	26.7	30.7	4.0	28.4	28.6	0.2
RO046086	8.8	32.8	31.9	33.6	1.7	31.3	31.6	0.3
RO046087	6.4	34.3	29.6	34.9	5.2	33.5	33.5	0.0
RO046088	1.5	32.0	31.7	32.3	0.6	30.7	30.7	0.0
RO046089	4.9	32.5	32.1	33.0	0.9	31.6	31.9	0.3
RO046090	11.0	28.8	20.8	33.8	13.0	32.7	32.7	0.0
**RO046286	5.8	24.0	23.0	26.4	3.4	23.5	23.5	0.0
<b>Mean</b>	<b>5.3</b>	<b>28.4</b>	<b>25.2</b>	<b>31.2</b>	<b>6.1</b>	<b>27.4</b>	<b>28.2</b>	<b>0.8</b>

**Tidal Creeks**

Station	depth (m*)	Continuous Bottom salinity (ppt)				Instantaneous Bottom salinity (ppt)		
		mean	min	max	range	surf	bott	diff.
RT042061	3.0	25.2	19.5	29.0	9.5	24.7	24.7	0.0
RT042062	3.0	0.2	0.1	0.3	0.2	0.2	0.2	0.0
RT042063	2.4	14.1	8.0	21.4	13.3	15.3	15.5	0.2
RT042064	1.2	37.6	37.3	37.9	0.6	35.8		
RT042067	2.4	29.2	29.1	29.5	0.4	29.5	29.4	0.1
RT042068	2.8	17.8	6.3	26.3	20.0	13.5	15.8	2.3
RT042069	3.7	26.6	26.1	27.0	0.9	25.7	25.9	0.2
RT042070	2.4	2.1	0.2	7.7	7.4	1.3	1.3	0.0
RT042072	1.5	33.5	31.8	34.3	2.5	33.6	33.6	0.0
RT042073	1.5	36.6	35.9	36.9	1.0	36.2	36.2	0.0
RT042074	1.8	35.9	35.6	36.3	0.8	35.3	35.3	0.0
RT042075	3.4	31.6	31.0	32.9	1.9	31.0	31.1	0.1
RT042076	3.4	37.9	36.7	38.7	2.0	36.9	37.6	0.7
RT042077	2.4	31.1	28.0	33.2	5.2	32.3	32.3	0.0
RT042078	3.7	38.5	37.8	38.9	1.1	37.5	37.4	0.1
RT042079	5.2	23.6	21.2	26.2	5.0	23.2	24.2	1.0
RT042080	1.5	34.7	34.2	35.0	0.9	34.3	34.4	0.1
RT042081	6.1	21.4	17.5	25.0	7.5	20.9	21.5	0.6
RT042082	2.7	20.6	19.0	24.1	5.0	19.6	19.9	0.3
RT042083	1.2	28.5	28.3	29.0	0.7	28.3	28.4	0.1
RT042084	2.7	8.5	0.2	22.0	21.9	6.0	6.0	0.0
RT042086	1.5	35.2	34.0	35.6	1.6	33.9	34.2	0.3
RT042087	2.7	31.2	28.6	35.5	6.9	29.3	29.3	0.0
RT042088	1.2	31.6	31.2	32.6	1.5	32.1	32.1	0.0
RT042089	2.4	27.0	25.3	28.7	3.4	27.5	27.6	0.1
RT042191	2.4	33.9	30.8	36.4	5.6	33.7	33.7	0.0
RT042193	3.4	29.1	28.6	29.6	1.0	29.3	29.3	0.0
RT042194	0.9	2.8	2.2	4.8	2.6	2.5	2.5	0.0
RT042195	4.9	29.9	29.2	30.6	1.4	29.4	29.5	0.1
RT042196	1.5	29.5	28.2	31.7	3.5	29.3	29.3	0.0
**RT042266	2.4	4.1	1.1	7.4	6.4	1.1	1.2	0.1
<b>Mean</b>	<b>2.6</b>	<b>26.2</b>	<b>24.1</b>	<b>28.6</b>	<b>4.5</b>	<b>25.6</b>	<b>25.5</b>	<b>0.2</b>

\*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