

Quadrat	50% Salinity Frequency * Distribution			90% Salinity Frequency * Distribution			Maximum Bottom Salinity	Maximum Surface Salinity	1997 Sediment Salinity-Conductivity	1985-1987 Sediment Salinity with Tide Gate
	8200 cfs	9500 cfs	5900 cfs	8200 cfs	9500 cfs	5900 cfs				
2	2.01	1.71	2.77	5.56	3.86	8.08	>10	>10	4.0-6.4 6000-9800	9.3
10	0.50	0.20	1.40	2.90	1.40	4.40	10	10	0.6-1.6 900-2100	
5	0.42	0.18	1.19	2.51	1.22	3.83	7.5	7.5	0.7-1.7 1100-2000	
3	0.35	0.17	0.79	2.82	1.45	4.89	6.0	3.0	0.2-2.0 390-2800	4.7
7	0.30	0.10	1.50	2.07	0.98	3.51	>10	10.0	0.1-1.0 320-1500	
1	0.11	0.04	0.61	2.07	0.98	3.51	7.5	7.0	0.1-0.8 390-1100	
6	0.25	0.14	0.72	1.67	0.84	2.61	6.0	5.5	0.2-0.4 390-590	
4	0.26	0.11	0.58	1.86	0.96	3.47	4.0	1.5	0-0.2 300-440	2.1
8	0.18	0.05	0.04	0.98	0.50	2.16	2.0	0.6	0-0.2 210-225	0.5
9	0.10	0.10	0.30	0.90	0.50	1.50	2.5	2.5	0-0 160-300	

* Yellow highlighted quadrats (2, 3, 4, and 8) correspond to study areas 4, 3, 2, and 1, respectively, monitored by Pearlstine *et al.* (1990).

* Salinity values for quadrats were obtained from interpolation of data taken at in-situ field continuous sampling stations located in close proximity to quadrats. Salinity values are for all tides and all stages (see text for methodology).

Figure 3-41

Surface water and soil salinity (ppt) data corresponding to each of the 10 quantitative vegetation quadrats locations.

