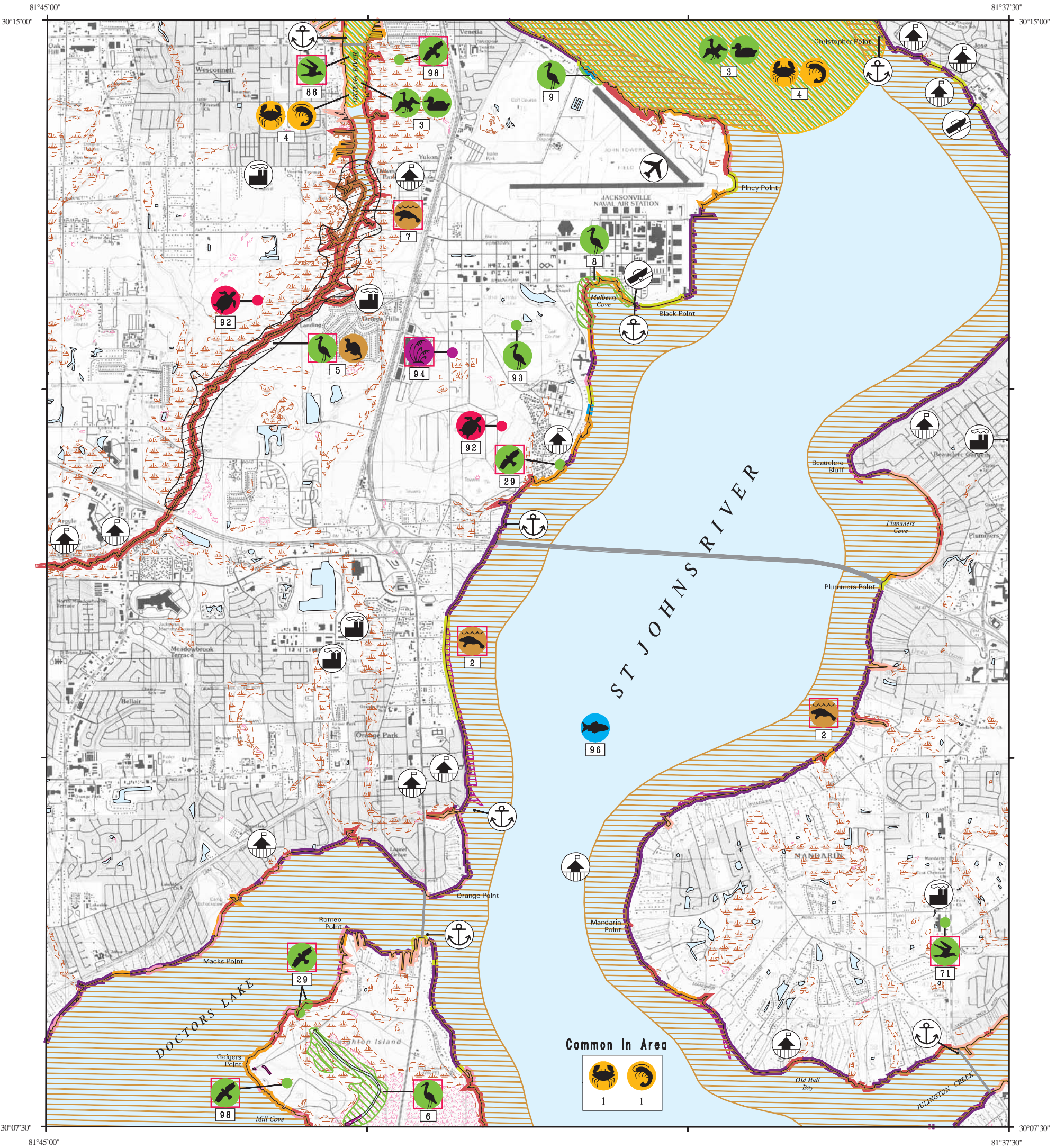


ENVIRONMENTAL SENSITIVITY INDEX MAP



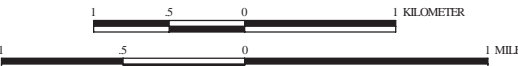
Prepared by:  
Research Planning, Inc.



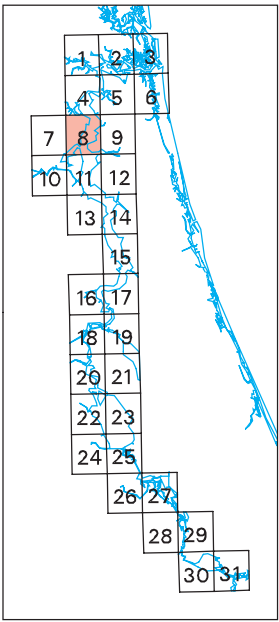
Prepared for:  
Florida Department of  
Environmental Protection



SCALE 1:50000



Not For Navigation  
Published: May 1997



ST. JOHNS RIVER ESIMAP 8

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Laying	Hatching	Fledging
3	Brown pelican			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Bufflehead			LOW	X	X										X	-	-	-	-
	Common loon			LOW	X	X	X	X								X	X	-	-	-
	Double-crested cormorant			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Lesser scaup			MED	X	X	X	X						X	X	X	-	-	-	-
	Red-breasted merganser			LOW	X	X	X	X						X	X	X	-	-	-	-
	Redhead			LOW	X	X	X									X	X	-	-	-
5	Wading birds			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Wood stork	S/F	E/E	LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
6	Wading birds			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Wood stork	S/F	E/E	LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
8	Great egret				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Little blue heron				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Tricolored heron				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
9	Yellow-crowned night heron				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
29	Bald eagle	S/F	T/T	1	X	X	X	X	X	X	X	X	X	X	X	X	NOV-JUN	-	-	-
71	Least tern	S	T	24			X	X	X	X	X	X					APR-AUG	-	-	-
86	Least tern	S	T				X	X	X	X	X	X					-	-	-	-
93	Snowy egret				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
98	Bald eagle	S/F	T/T		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-

FISH:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Outmig.	Larvae	Juveniles	Adults
96	Atlantic sturgeon				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	-	MAY-AUG	JAN-DEC	MAR-NOV

HABITAT:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D
94	Catesby's lily	S	T		X	X	X	X	X	X	X	X	X	X	X	X

M\_MAMMAL:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molting
2	West Indian manatee	S/F	E/E	HIGH			X	X	X	X	X	X	X	X	X		-	-	-	-
7	West Indian manatee	S/F	E/E	MED			X	X	X	X	X	X	X	X	X		-	-	-	-

REPTILE:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Hatching	Internesting
92	Gopher tortoise				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-

SHELLFISH:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Larvae	Mating	Juveniles	Adults
1	Blue crab			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-OCT	MAR-DEC	JAN-DEC	JAN-DEC
	Brown shrimp			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	White shrimp			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
4	Blue crab			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-OCT	MAR-DEC	JAN-DEC	JAN-DEC
	Brown shrimp			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Pink shrimp			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Stone crab			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	SEP-NOV	JAN-DEC	JAN-DEC
	White shrimp			MED	X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	APR-NOV	-	JAN-DEC	JAN-DEC

T\_MAMMAL:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D
5	Northern river otter			MED	X	X	X	X	X	X	X	X	X	X	X	X

=====