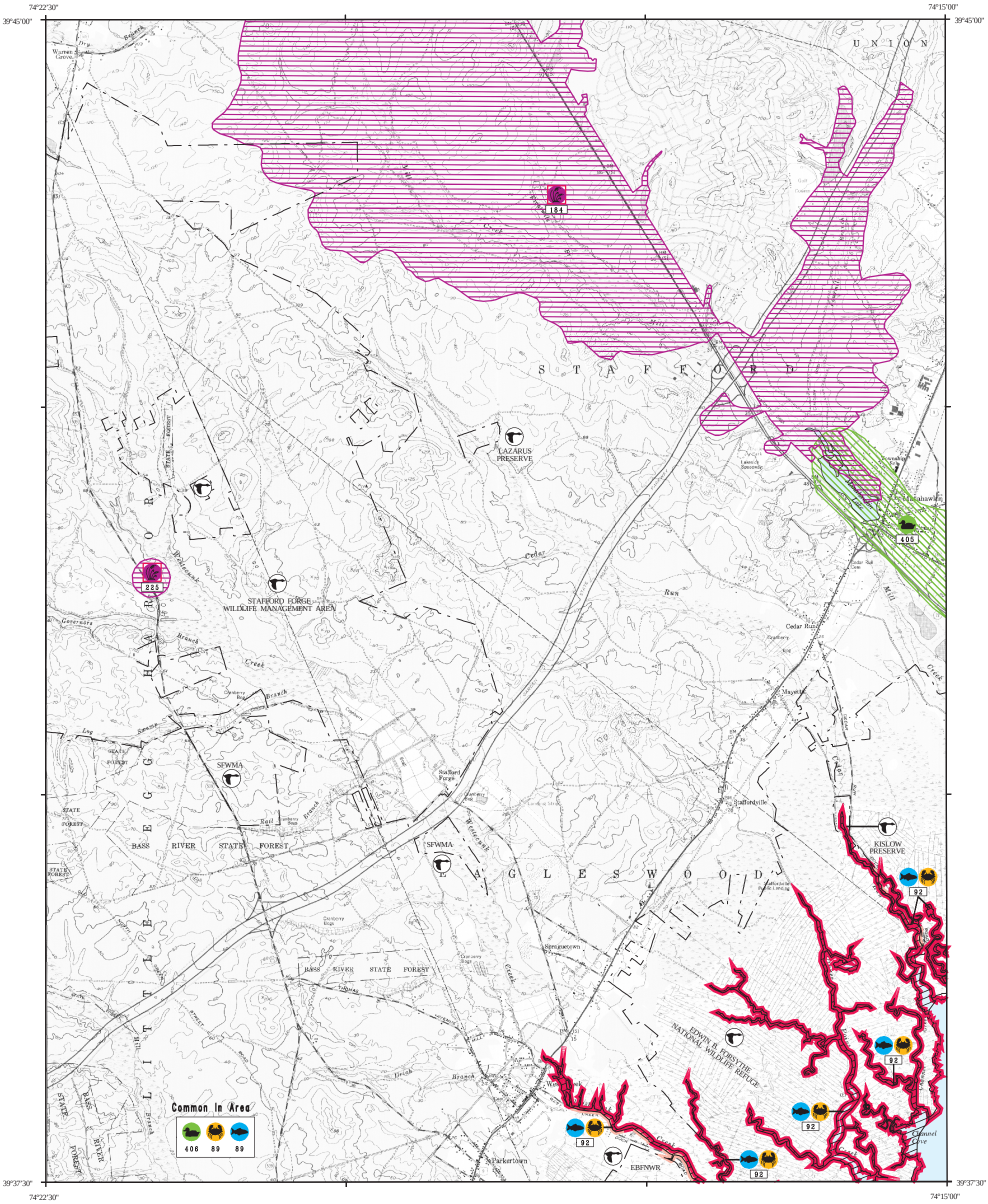
ENVIRONMENTAL SENSITIVITY INDEX MAP



Prepared for:

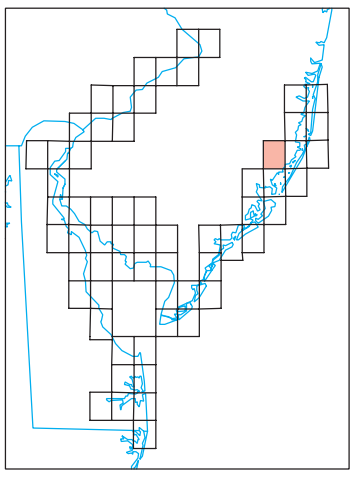
HAZARDOUS MATERIALS RESPONSE
and ASSESSMENT DIVISION
National Oceanic and Atmospheric Administration
Seattle, Washington
and
The States of DELAWARE,
NEW JERSEY, and PENNSYLVANIA

N
W E
S

1 .5 0 1 KILOMETER

1 .5 0 1 MILE

Not For Navigation
Published: August 1996



WEST CREEK, N.J. (1972) 56

DELAWARE, NEW JERSEY, and PENNSYLVANIA ESIMAP 56

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	ST	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Laying	Hatching	Fledging
405	American coot				5	X	X	X	X	X	X	X	X	X	X	X	X	MAY-MAY	MAY-JUN	JUN-JUL	AUG-SEP
	American wigeon				200	X	X	X							X	X	X	-	-	-	-
	Black duck				4275	X	X										X	-	-	-	-
	Brant				8410	X	X	X							X	X	X	-	-	-	-
	Bufflehead				3010	X	X	X	X	X				X	X	X	X	-	-	-	-
	Canada goose				3380	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Canvasback				450	X	X	X	X					X	X	X	X	-	-	-	-
	Gadwall				25	X	X	X	X	X							X	-	-	-	-
	Goldeneye				430	X	X	X								X	X	-	-	-	-
	Green-winged teal				200	X	X	X							X	X	X	-	-	-	-
	Mallard				1715	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Merganser				1855	X	X	X	X						X	X	X	-	-	-	-
	Mute swan				242	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	APR-MAY	MAY-JUN	SEP-OCT
	Northern pintail				300	X	X	X	X					X	X	X	X	-	-	-	-
	Northern shoveler				10	X	X	X	X					X	X	X	X	-	-	-	-
	Oldsquaw				395	X	X	X	X						X	X	X	-	-	-	-
	Ruddy duck				10	X	X	X	X	X				X	X	X	X	-	-	-	-
	Scaup				3000	X	X	X								X	X	-	-	-	-
	Scoter				3									X	X	X	X	-	-	-	-
406	American wigeon				300	X	X	X							X	X	X	-	-	-	-
	Black duck				9200	X	X										X	-	-	-	-
	Brant				16685	X	X	X							X	X	X	-	-	-	-
	Bufflehead				4000	X	X	X	X	X				X	X	X	X	-	-	-	-
	Canada goose				700	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Canvasback				1000	X	X	X	X					X	X	X	X	-	-	-	-
	Gadwall				10	X	X	X	X	X							X	-	-	-	-
	Goldeneye				6000	X	X	X								X	X	-	-	-	-
	Green-winged teal				50	X	X	X							X	X	X	-	-	-	-
	Mallard				3045	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Merganser				1200	X	X	X	X						X	X	X	-	-	-	-
	Mute swan				20	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	APR-MAY	MAY-JUN	SEP-OCT
	Northern pintail				150	X	X	X	X					X	X	X	X	-	-	-	-
	Oldsquaw				2000	X	X	X	X						X	X	X	-	-	-	-
	Redhead				100	X	X	X							X	X	X	-	-	-	-
	Ruddy duck				10	X	X	X	X	X				X	X	X	X	-	-	-	-
	Scaup				24000	X	X	X								X	X	-	-	-	-
	Scoter				700									X	X	X	X	-	-	-	-
	Snow goose				100	X	X	X						X	X	X	X	-	-	-	-
	Whistling swan (tundra swan)				100	X	X	X	X							X	X	-	-	-	-

FISH:

RAR#	Species	ST	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Outmig.	Larvae/Juv
89	Alewife					X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	-	-
	American shad							X	X	X								-	-	-
	Atlantic croaker					X		X	X	X	X	X	X	X	X	X		-	-	MAY-JAN
	Atlantic herring					X		X	X	X						X	X	-	MAR-JUN	-
	Atlantic menhaden							X	X	X	X	X	X	X	X			-	-	MAR-OCT
	Black seabass								X	X	X	X	X	X	X	X		-	-	APR-OCT
	Blueback herring								X	X	X							APR-JUN	-	-
	Bluefish								X	X	X	X	X	X	X			-	-	JUL-SEP
	Northern kingfish								X	X	X	X	X	X	X	X		-	-	-
	Porgy (scup)								X	X	X	X	X	X	X	X	X	-	-	-
	Seatrout (weakfish)							X	X	X	X	X	X	X	X	X		APR-AUG	-	APR-SEP
	Spot							X	X	X	X	X	X	X	X	X	X	-	-	MAR-JUN
	Squirrel (red) hake (ling)					X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Striped bass					X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Summer flounder								X	X	X	X	X	X	X	X		-	-	APR-NOV
	Tautog					X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	JUN-DEC
	White perch					X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	-
	Winter flounder					X	X	X	X	X	X	X	X	X	X	X	X	NOV-MAR	-	MAY-OCT
92	Alewife					X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	-	-
	Atlantic croaker					X		X	X	X	X	X	X	X	X	X		-	-	MAY-JAN
	Atlantic herring					X		X	X	X						X	X	-	MAR-JUN	-
	Atlantic menhaden							X	X	X	X	X	X	X	X			-	-	MAR-OCT
	Blueback herring								X	X	X							APR-JUN	-	-
	Bluefish								X	X	X	X	X	X	X			-	-	JUL-SEP
	Seatrout (weakfish)							X	X	X	X	X	X	X	X	X		APR-AUG	-	APR-SEP
	Spot							X	X	X	X	X	X	X	X	X	X	-	-	MAR-JUN
	Striped bass					X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Summer flounder								X	X	X	X	X	X	X	X		-	-	APR-NOV
	Tautog					X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	JUN-DEC
	White perch					X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	-
	Winter flounder					X	X	X	X	X	X	X	X	X	X	X	X	NOV-MAR	-	MAY-OCT

HABITAT:

RAR#	Species	ST	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D
184	Swamp-pink	NJ	S/F	E/T		X	X	X	X	X	X	X	X	X	X	X	X
225	Knieskern's beaked rush	NJ	S/F	E/T		X	X	X	X	X	X	X	X	X	X	X	X

SHELLFISH:

RAR#	Species	ST	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Larvae/Juv	Mating
89	Blue crab					X	X	X	X	X	X	X	X	X	X	X	X	JUL-AUG	SEP-OCT	MAY-JUN
92	Blue crab					X	X	X	X	X	X	X	X	X	X	X	X	JUL-AUG	SEP-OCT	MAY-JUN