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
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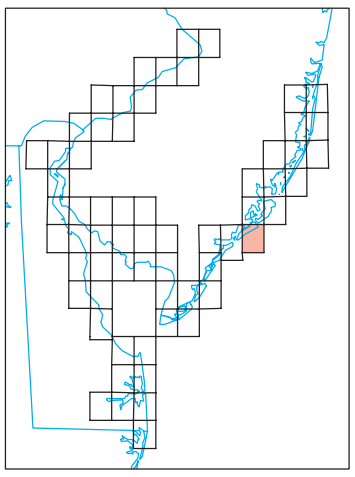

DELAWARE, NEW JERSEY, and PENNSYLVANIA ESIMAP 50

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
248	Peregrine falcon	NJ	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-APR	APR-MAY	JUN-AUG
275	Common tern				38			X	X	X	X	X	X					APR-JUL	APR-MAY	MAY-JUN	JUN-JUL
	Laughing gull				60				X	X	X	X	X	X	X			APR-JUL	MAY-MAY	MAY-JUN	JUL-JUL
276	Black-crowned night heron				2			X	X	X	X	X	X	X	X			MAR-JUN	MAY-JUN	-	-
	Glossy ibis				10			X	X	X	X	X	X	X				MAR-SEP	APR-MAY	APR-JUN	JUL-SEP
	Great egret				8			X	X	X	X	X	X	X	X	X		JUN-JUL	-	-	-
	Snowy egret				30				X	X	X	X	X	X				JUN-JUL	-	-	-
277	Common tern				2			X	X	X	X	X	X					APR-JUL	APR-MAY	MAY-JUN	JUN-JUL
	Herring gull				2	X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-JUN	JUN-JUL	JUL-SEP
	Laughing gull				70				X	X	X	X	X	X	X			APR-JUL	MAY-MAY	MAY-JUN	JUL-JUL
280	Common tern				22			X	X	X	X	X	X					APR-JUL	APR-MAY	MAY-JUN	JUN-JUL
	Laughing gull				25				X	X	X	X	X	X	X			APR-JUL	MAY-MAY	MAY-JUN	JUL-JUL
410	American coot				100	X	X	X	X	X	X	X	X	X	X	X	X	MAY-MAY	MAY-JUN	JUN-JUL	AUG-SEP
	American wigeon				700	X	X	X							X	X	X	-	-	-	-
	Black duck				9000	X	X										X	-	-	-	-
	Brant				54390	X	X	X							X	X	X	-	-	-	-
	Bufflehead				2600	X	X	X	X	X				X	X	X	X	-	-	-	-
	Canada goose				1000	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Canvasback				600	X	X	X	X					X	X	X	X	-	-	-	-
	Gadwall				100	X	X	X	X	X							X	-	-	-	-
	Goldeneye				100	X	X	X								X	X	-	-	-	-
	Green-winged teal				500	X	X	X							X	X	X	-	-	-	-
	Mallard				700	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Merganser				400	X	X	X	X						X	X	X	-	-	-	-
	Mute swan				10	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				800	X	X	X	X					X	X	X	X	-	-	-	-
	Oldsquaw				2000	X	X	X	X						X	X	X	-	-	-	-
	Ruddy duck				100	X	X	X	X	X				X	X	X	X	-	-	-	-
	Scaup				17000	X	X	X								X	X	-	-	-	-
	Scoter				16000									X	X	X	X	-	-	-	-
	Snow goose				8000	X	X	X						X	X	X	X	-	-	-	-
	Whistling swan (tundra swan)				20	X	X	X	X							X	X	-	-	-	-
411	American wigeon				400	X	X	X							X	X	X	-	-	-	-
	Black duck				9500	X	X										X	-	-	-	-
	Brant				18805	X	X	X							X	X	X	-	-	-	-
	Bufflehead				2100	X	X	X	X	X				X	X	X	X	-	-	-	-
	Canada goose				2000	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Canvasback				700	X	X	X	X					X	X	X	X	-	-	-	-
	Goldeneye				50	X	X	X								X	X	-	-	-	-
	Mallard				2000	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Merganser				600	X	X	X	X						X	X	X	-	-	-	-
	Northern pintail				200	X	X	X	X					X	X	X	X	-	-	-	-
	Northern shoveler				100	X	X	X	X					X	X	X	X	-	-	-	-
	Oldsquaw				1000	X	X	X	X						X	X	X	-	-	-	-
	Scaup				15000	X	X	X								X	X	-	-	-	-
	Scoter				16000									X	X	X	X	-	-	-	-
	Whistling swan (tundra swan)				50	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
78	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
	Atlantic sturgeon					X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	-	APR-AUG
	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
	Winter flounder					X	X	X	X	X	X	X	X	X	X	X	X	NOV-MAR	-	MAY-OCT
83	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 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
	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
84	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
	Winter flounder					X	X	X	X	X	X	X	X	X	X	X	X	NOV-MAR	-	MAY-OCT

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
78	Blue crab					X	X	X	X	X	X	X	X	X	X	X	X	JUL-AUG	SEP-OCT	MAY-JUN
83	Blue crab					X	X	X	X	X	X	X	X	X	X	X	X	JUL-AUG	SEP-OCT	MAY-JUN
84	Blue crab					X	X	X	X	X	X	X	X	X	X	X	X	JUL-AUG	SEP-OCT	MAY-JUN