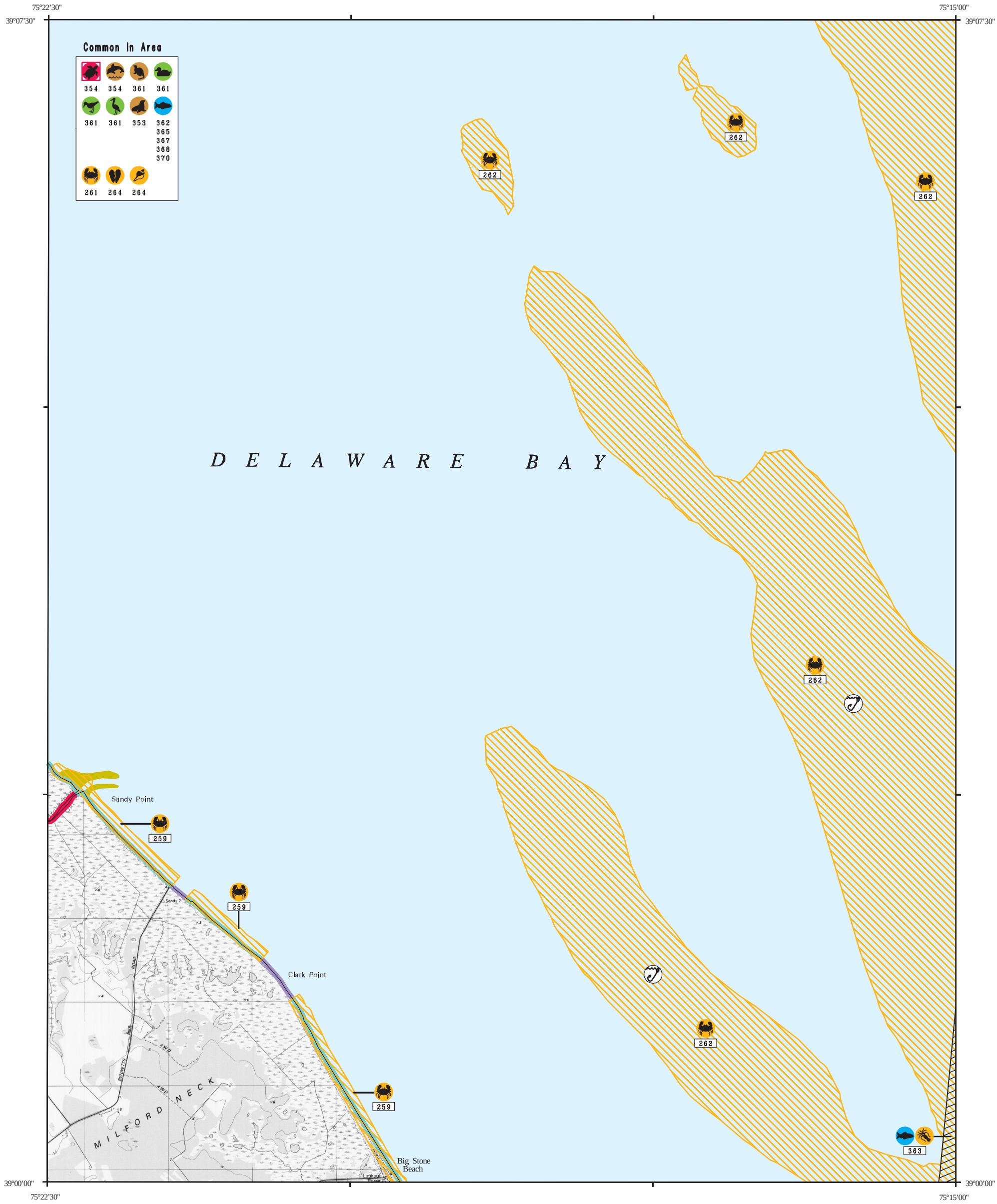
ENVIRONMENTAL SENSITIVITY INDEX MAP



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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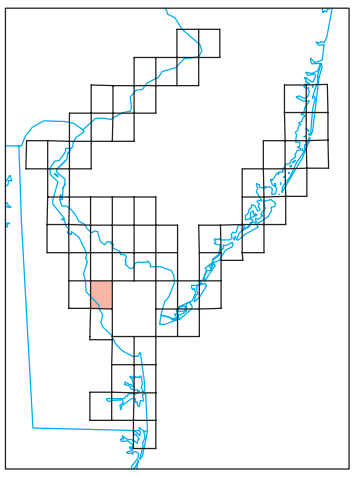

DELAWARE, NEW JERSEY, and PENNSYLVANIA ESIMAP 10

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
361	American wigeon				800	X	X	X							X	X	X	-	-	-	-
	Black duck				400-4000	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-JUL	APR-AUG	APR-AUG
	Blue-winged teal				200-500				X	X	X	X	X	X				-	-	-	-
	Canada goose				150-200				X	X	X	X	X					APR-JUN	APR-MAY	JUN-JUN	JUN-JUL
	Canada goose				5000	X	X	X						X	X	X	X	-	-	-	-
	Gadwall				50-1200	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUN	JUN-JUL	JUL-JUL
	Green-winged teal				40000	X	X	X							X	X	X	-	-	-	-
	Mallard				300-3000	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-JUL	APR-AUG	APR-AUG
	Northern pintail				21000	X	X	X	X					X	X	X	X	-	-	-	-
	Northern shoveler				600-1500	X	X	X								X	X	-	-	-	-
	Ring-necked duck				2000									X	X	X		-	-	-	-
	Shorebirds				MED				X	X		X	X	X	X			-	-	-	-
	Snow goose				90000	X	X	X						X	X	X	X	-	-	-	-
	Wading birds				HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Wood duck				700-2000			X	X	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
362	American shad				MED			X	X	X	X	X	X	X	X	X		APR-MAY	-	MAY-NOV
	Atlantic croaker				MED		X		X	X	X	X	X	X	X	X	X	-	-	MAY-JAN
	Atlantic menhaden				MED				X	X	X	X	X	X	X			-	-	MAY-OCT
	Atlantic sturgeon				LOW		X	X	X	X						X	X	-	-	-
	Bay anchovy				HIGH		X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	-	MAY-JAN
	Black drum				LOW				X	X	X	X	X	X	X	X		-	-	JUN-NOV
	Black seabass				LOW				X	X	X	X	X	X	X	X		-	-	APR-OCT
	Bluefish				MED					X	X	X	X	X	X			-	-	MAY-OCT
	Seatrout (weakfish)				HIGH				X	X	X	X	X	X	X	X		-	-	-
	Spot				MED					X	X	X	X	X	X	X	X	-	-	MAY-NOV
	Striped bass				MED		X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Summer flounder				MED				X	X	X	X	X	X	X	X		-	-	APR-NOV
363	Porgy (scup)				LOW				X	X	X	X	X	X	X	X	X	-	-	-
	Winter flounder				LOW		X	X	X	X	X	X	X	X	X	X	X	NOV-MAR	-	MAY-OCT
365	Black drum				HIGH				X	X	X							APR-JUN	-	-
367	Seatrout (weakfish)				HIGH				X	X	X	X	X	X	X	X		-	-	JUN-NOV
368	Seatrout (weakfish)				HIGH					X	X							MAY-JUN	-	-
370	White perch				MED		X	X	X							X	X	-	-	-

M_MAMMAL:

RAR#	Species	ST	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molting
353	Gray seal				RARE		X	X	X								X	-	-	-	-
	Harbor seal				COMMON		X	X	X								X	-	-	-	-
	Harp seal				RARE		X	X	X								X	-	-	-	-
	Hooded seal				RARE		X	X	X								X	-	-	-	-
354	Atlantic white-sided dolphin				RARE					X	X	X	X	X	X	X		-	-	-	-
	Bottlenose dolphin				COMMON					X	X	X	X	X	X	X		-	-	-	-
	Common dolphin				RARE					X	X	X	X	X	X	X		-	-	-	-
	Harbor porpoise				OCCASIONAL		X	X	X									-	-	-	-
	Rough-toothed dolphin				RARE					X	X	X	X	X	X	X		-	-	-	-
	Stenellid dolphin				RARE					X	X	X	X	X	X	X		-	-	-	-

REPTILE:

RAR#	Species	ST	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Hatching	Internesting
354	Green sea turtle	DE	S/F	T/T	RARE						X	X	X	X	X	X		-	-	-
	Kemp's ridley sea turtle	DE	S/F	E/E	OCCASIONAL						X	X	X	X	X	X		-	-	-
	Loggerhead sea turtle	DE	S/F	T/T	COMMON						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
259	Horseshoe crab				HIGH				X	X	X							APR-JUN	JUN-JUN	APR-JUN
261	Blue crab									X	X	X	X	X	X	X		JUL-AUG	SEP-OCT	-
262	Blue crab						X	X	X	X	X	X	X	X	X	X	X	JUL-AUG	SEP-OCT	MAY-JUN
264	Channeled whelk				LOW		X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Knobbed whelk				LOW		X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Northern quahog (hard clam)				LOW		X	X	X	X	X	X	X	X	X	X	X	JUN-SEP	JUN-SEP	-
363	Squid				MED				X	X	X	X	X	X	X	X		APR-JUL	AUG-OCT	-

T_MAMMAL:

RAR#	Species	ST	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D
361	Muskrat				HIGH	X	X	X	X	X	X	X	X	X	X	X	X
	Northern raccoon				HIGH	X	X	X	X	X	X	X	X	X	X	X	X
	River otter				LOW	X	X	X	X	X	X	X	X	X	X	X	X