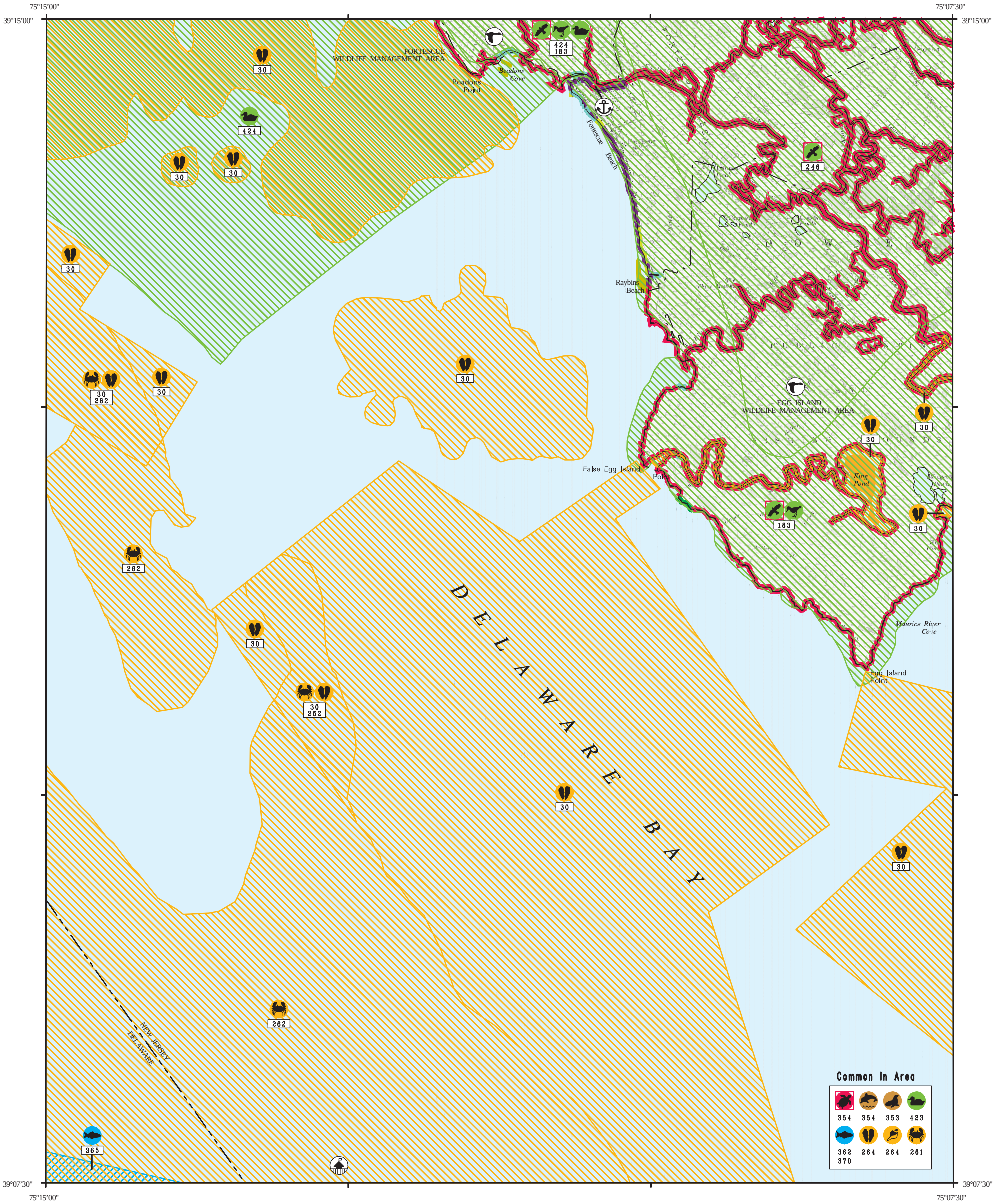
ENVIRONMENTAL SENSITIVITY INDEX MAP



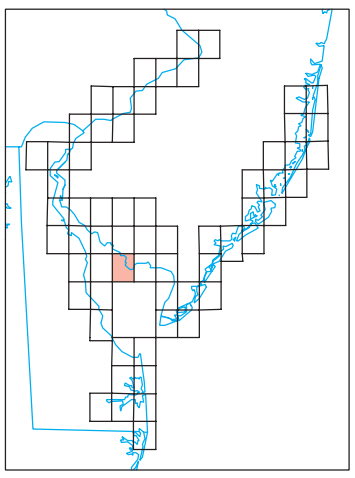
Prepared for:

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



FORTESCUE, N.J. -DEL. (1972) 39

DELAWARE, NEW JERSEY, and PENNSYLVANIA ESIMAP 39

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
183	Bald eagle	DE	S/F	E/T		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Bald eagle	NJ	S/F	E/T		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Northern harrier					X	X	X	X	X			X	X	X	X		-	-	-	-
	Peregrine falcon	DE	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-APR	APR-MAY	JUN-AUG
	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
	Shorebirds								X	X		X	X	X	X			-	-	-	-
246	Bald eagle	DE	S/F	E/T		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Bald eagle	NJ	S/F	E/T		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Northern harrier					X	X	X	X	X			X	X	X	X		-	-	-	-
	Peregrine falcon	DE	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-APR	APR-MAY	JUN-AUG
	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
423	American wigeon				200	X	X	X							X	X	X	-	-	-	-
	Black duck				6500	X	X										X	-	-	-	-
	Bufflehead				1100	X	X	X	X	X			X	X	X	X	X	-	-	-	-
	Canada goose				255	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Canvasback				100	X	X	X	X				X	X	X	X	X	-	-	-	-
	Gadwall				400	X	X	X	X	X							X	-	-	-	-
	Goldeneye				200	X	X	X								X	X	-	-	-	-
	Green-winged teal				2160	X	X	X							X	X	X	-	-	-	-
	Mallard				800	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Merganser				1085	X	X	X	X						X	X	X	-	-	-	-
	Mute swan				27	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	X	-	-	-	-
	Northern shoveler				100	X	X	X	X				X	X	X	X	X	-	-	-	-
	Scaup				30000	X	X	X								X	X	-	-	-	-
	Scoter				60								X	X	X	X	X	-	-	-	-
	Snow goose				10900	X	X	X					X	X	X	X	X	-	-	-	-
424	American wigeon				100	X	X	X							X	X	X	-	-	-	-
	Black duck				3600	X	X										X	-	-	-	-
	Bufflehead				500	X	X	X	X	X			X	X	X	X	X	-	-	-	-
	Canada goose				1900	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Canvasback				100	X	X	X	X				X	X	X	X	X	-	-	-	-
	Gadwall				100	X	X	X	X	X							X	-	-	-	-
	Goldeneye				250	X	X	X								X	X	-	-	-	-
	Green-winged teal				730	X	X	X							X	X	X	-	-	-	-
	Mallard				800	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Merganser				500	X	X	X	X						X	X	X	-	-	-	-
	Mute swan				1	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	X	-	-	-	-
	Scaup				7500	X	X	X								X	X	-	-	-	-
	Snow goose				44400	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	X		APR-MAY	-	MAY-NOV
	Atlantic croaker				MED	X		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	X	-	-	-
	Bay anchovy				HIGH	X	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	X	-	-	-
	Summer flounder				MED			X	X	X	X	X	X	X	X			-	-	APR-NOV
365	Black drum				HIGH			X	X	X								APR-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								X	-	-	-	-
	Harbor seal				COMMON	X	X	X	X								X	-	-	-	-
	Harp seal				RARE	X	X	X	X								X	-	-	-	-
	Hooded seal				RARE	X	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		-	-	-
	Kemp's ridley sea turtle	NJ	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		-	-	-
	Loggerhead sea turtle	NJ	S/F	E/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
30	American oyster (eastern)				HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-SEP	-
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	X	JUL-AUG	SEP-OCT	MAY-JUN
264	Channeled whelk				LOW	X	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	X	-	-	-
	Northern quahog (hard clam)				LOW	X	X	X	X	X	X	X	X	X	X	X	X	JUN-SEP	JUN-SEP	-