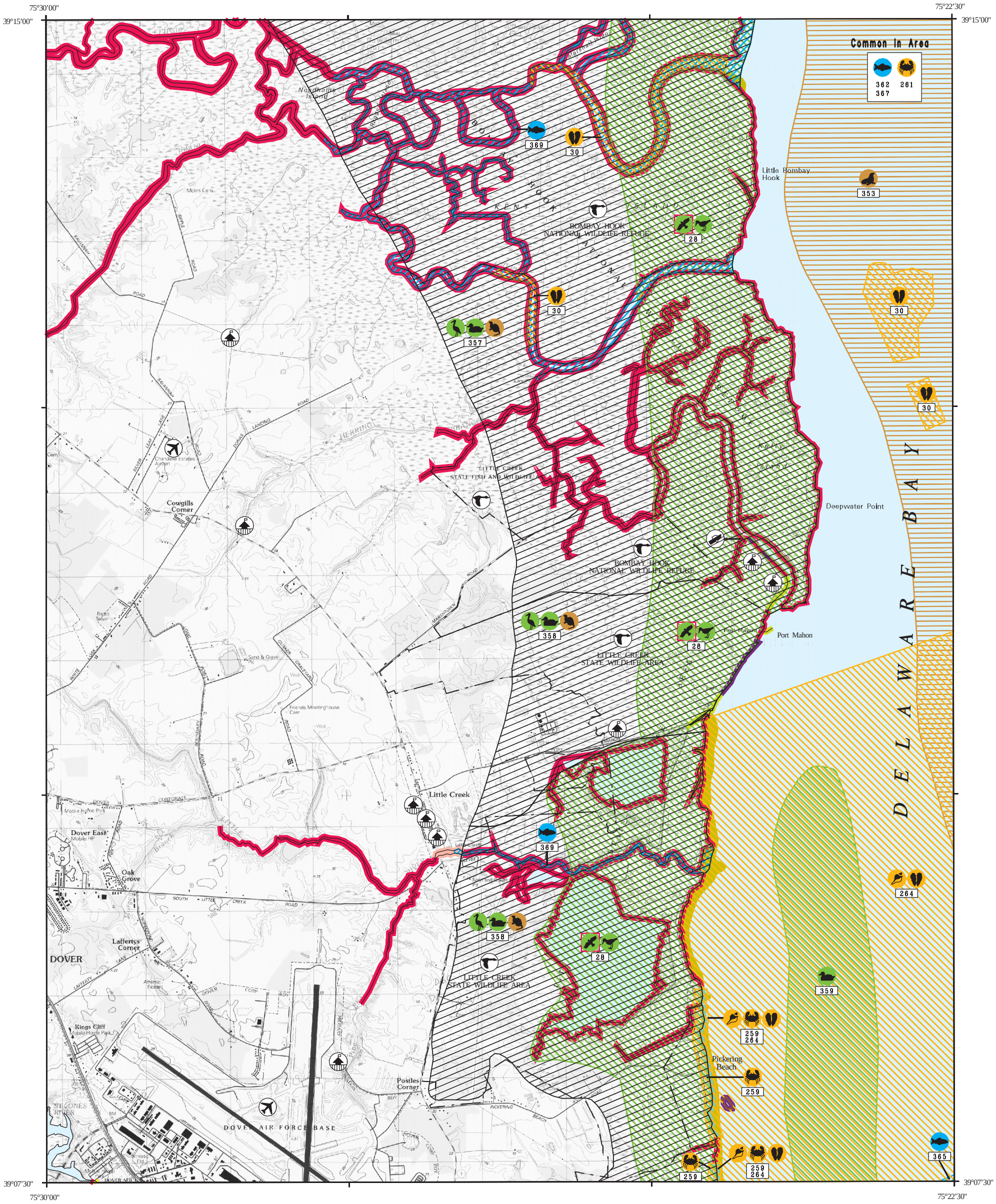
ENVIRONMENTAL SENSITIVITY INDEX MAP



Prepared for:

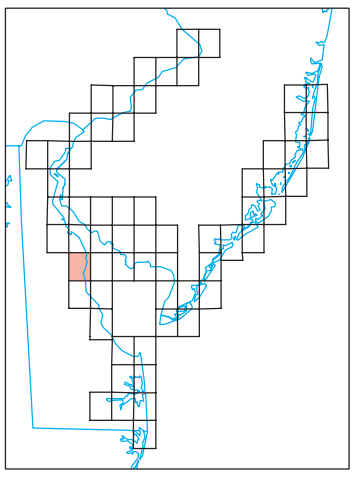
HAZARDOUS MATERIALS RESPONSE
and ASSESSMENT DIVISION
National Oceanic and Atmospheric Administration
Seattle, Washington
and
The States of DELAWARE,
NEW JERSEY, and PENNSYLVANIA

N
W E
S

1 .5 0 1 KILOMETER

1 .5 0 1 MILE

Not For Navigation
Published: August 1996



LITTLE CREEK, DEL. (1993) 12

DELAWARE, NEW JERSEY, and PENNSYLVANIA ESIMAP 12

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
28	Osprey	NJ	S	T	MED			X	X	X	X	X	X					MAR-JUL	APR-JUN	JUN-JUL	JUN-JUL
	Shorebirds				HIGH			X	X	X								-	-	-	-
357	American wigeon				500	X	X	X							X	X	X	-	-	-	-
	Black duck				300-5000	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-JUL	APR-AUG	APR-AUG
	Blue-winged teal				50				X	X	X	X	X					APR-AUG	APR-JUL	JUL-AUG	JUL-AUG
	Canada goose				15000	X	X	X						X	X	X	X	-	-	-	-
	Canada goose				50-75				X	X	X	X	X					APR-JUN	APR-MAY	JUN-JUN	JUN-JUL
	Canvasback				500									X	X	X		-	-	-	-
	Gadwall				100-700	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUN	JUN-JUL	JUL-JUL
	Greater scaup				300											X	X	-	-	-	-
	Green-winged teal				40000	X	X	X							X	X	X	-	-	-	-
	Lesser scaup				300											X	X	-	-	-	-
	Mallard				300-4000	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-JUL	APR-AUG	APR-AUG
	Northern pintail				15000	X	X	X	X					X	X	X	X	-	-	-	-
	Northern shoveler				2000	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				500-1500			X	X	X	X	X	X					MAR-AUG	MAR-JUN	APR-JUL	MAY-AUG
358	American wigeon				500	X	X	X							X	X	X	-	-	-	-
	Black duck				200-3000	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-JUL	APR-AUG	APR-AUG
	Blue-winged teal				500-1500				X	X	X	X	X	X	X			-	-	-	-
	Canada goose				1000	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
	Greater scaup				500											X	X	-	-	-	-
	Green-winged teal				500-6000	X	X	X							X	X	X	-	-	-	-
	Lesser scaup				500											X	X	-	-	-	-
	Mallard				150-2000	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-JUL	APR-AUG	APR-AUG
	Northern pintail				500-1500	X	X	X	X					X	X	X	X	-	-	-	-
	Northern shoveler				1000-1500	X	X	X								X	X	-	-	-	-
	Snow goose				10000	X	X	X						X	X	X	X	-	-	-	-
	Wading birds				HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Wood duck				300			X	X	X	X	X	X					MAR-AUG	MAR-JUN	APR-JUL	MAY-AUG
359	Greater scaup				20000	X	X	X								X	X	-	-	-	-
	Lesser scaup				20000	X	X	X								X	X	-	-	-	-
	Surf scoter				500									X	X	X		-	-	-	-
	White-winged scoter				500									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	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	-	-
367	Seatrout (weakfish)				HIGH				X	X	X	X	X	X	X	X		-	-	JUN-NOV
369	White perch				MED	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	-

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	-	-	-	-

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	-
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	-
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	-

T_MAMMAL:

RAR#	Species	ST	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D
357	Muskrat				MED	X	X	X	X	X	X	X	X	X	X	X	X
	Northern raccoon				MED	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
358	Muskrat				MED	X	X	X	X	X	X	X	X	X	X	X	X
	Northern raccoon				MED	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