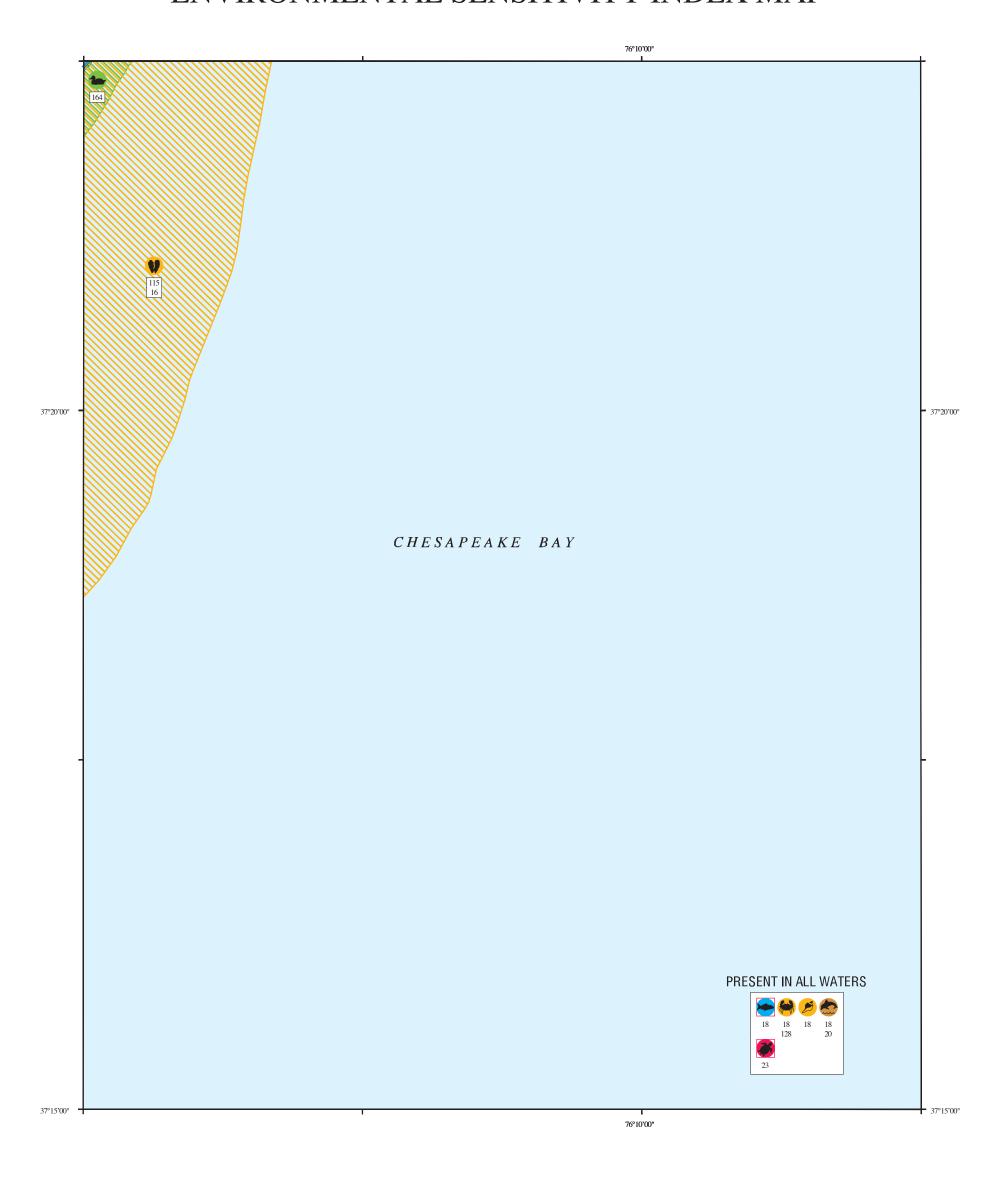
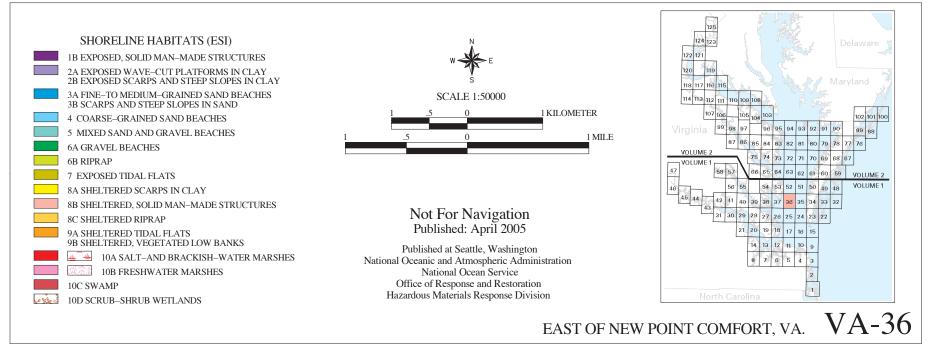
ENVIRONMENTAL SENSITIVITY INDEX MAP





Virginia: ESIMAP 36

BIOLOGICAL RESOURCES:

BIRD	:
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BIRD								
AR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Migrating	Molting	_	
	Bufflehead	HIGH	X X X X X X X X X	_	_	_		
	Canvasback	MODERATE	X X X X X X X X	-	-	-		
	Common goldeneye		$X \ X \ X \ X \qquad \qquad X \ X \ X$	-	-	-		
	Long-tailed duck	MODERATE	X X X X X X X X	-	-	-		
	Mergansers		X X X X X X X X X	-	-	-		
	Mute swan	MODEDARE	X X X X X X X X X	_	_	_		
	Ring-necked duck	MODERATE	X X X X X X X X X	-	_	_		
	Ruddy duck	HIGH MODERATE	$egin{array}{cccccccccccccccccccccccccccccccccccc$	-	_	_		
	Scaup Scoters	HIGH	X X X X X X X X	_	_	_		
	Tundra swan	MODERATE	X X X X X X X X X	_	_	_		
		HOBERTIE						
ISH								
R#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
18	Alewife		X X X X X	-	_	_	_	FEB-JUN
	American eel		$\times \times $	_	_	_	JAN-DEC	SEP-DEC
	American shad		X X X X X X X X X X X X X X X X X X X	_	_	_	NOV-MAR	JAN-JUN
	Atlantic croaker		$\times \times $	-	-	-	AUG-DEC	MAY-NOV
	Atlantic mackerel		X X	_	-	_	-	MAR-APR
	Atlantic menhaden		$\times \times $	-	-	MAY-NOV	JAN-DEC	MAY-OCT
	Atlantic silverside		$\times \times $	MAR-JUL	-	-	JAN-DEC	JAN-DEC
	Atlantic spadefish		X X X X	-	-	-	AUG-OCT	AUG-NOV
	Atlantic sturgeon	С	$\times \times $	-	-	_	-	JAN-OCT
	Bay anchovy		X X X X X X X X X X X X				JAN-DEC	JAN-DEC
	Black drum		X X X X X X X X	APR-JUN	APR-JUN	APR-JUN	APR-NOV	APR-NOV
	Black sea bass		X X X X X X X	JUN-OCT	-	-	APR-OCT	APR-OCT
	Blueback herring		XXXXXXXXXX	-	-	-	NOV-MAR	JAN-JUN
	Bluefish		X X X X X X X X	-	-	-	MAY-NOV	APR-NOV
	Butterfish		X X X X X X X X X	-	-	-	JUL-NOV	MAR-NOV
	Clearnose skate		X X X X X X X	-	-	-	-	MAY-NOV
	Gobies		X X X X X X X X X X X X X		APR-SEP	APR-OCT	JAN-DEC	JAN-DEC
	Harvestfish		X X X X X X X	-	-	-	JUL-OCT	APR-OCT
	Hickory shad		X X X X X X X X X X X	-	-	-	NOV-MAR	JAN-JUN
	Hogchoker		X X X X X X X X X X X X X		MAY-SEP	MAY-SEP	JAN-DEC	JAN-DEC
	Inland silverside		X X X X X X X X X X X X X		-	-	JAN-DEC	JAN-DEC
	Minnows		X X X X X X X X X X X X X X X X X X X		-	-	JAN-DEC	JAN-DEC
	Mummichog		X X X X X X X X X X X X		-	-	JAN-DEC	JAN-DEC
	Northern kingfish		X X X X X X X	-	-	-	- TAN DEG	APR-OCT
	Northern pipefish		X X X X X X X X X X X X X		-	-	JAN-DEC	JAN-DEC
	Northern puffer		XXXXXXXX	MAY-AUG	-	_	MAR-OCT	MAR-OCT
	Northern searobin		XXXXXXX	MAY-JUL	_	_		MAR-OCT
	Red drum		X X X X X X X X X X X X X X X X X X X	JUL-NOV -	_	-	AUG-SEP	MAY-NOV
	Red hake		XXXXXXXXX	_	_	_	FEB-MAY	FEB-MAY SEP-NOV
	Sandbar shark		X X X X X X	_	_	_	MAY-OCT	MAY-OCT
			X X X X X X X	_	_	_	JUN-OCT	
	Scup (porgy) Silver hake		X X X X X X X X X X X X X X X X X X X	_	_	_	JUN-0C1	MAR-OCT OCT-MAY
	Silver perch		X X X X X X X X X X X X	ΔΡΡ-ΜΔΥ	_	-	JAN-DEC	JAN-DEC
	Spot		X X X X X X X X X X X X X X X X X X X	-	_	DEC-APR		MAR-NOV
	Spotted hake		X X X X X X X X X X X X X X X X X X X	_	_	-	MAR-JUN	MAR-JUN
	spoceed nake						THIC OON	SEP-NOV
	Spotted seatrout		X X X X X X X X	MAY-,TIII,	_	_	APR-NOV	APR-NOV
	Striped bass		X X X X X X X X X X X X X		_	_	JAN-DEC	JAN-DEC
	Striped killifish		X X X X X X X X X X X X X X X X X X X		_	_	JAN-DEC	JAN-DEC
	Summer flounder		X X X X X X X X X X X X X		_	OCT-MAY		APR-OCT
	Tautog		X X X X X X X X X		_	-	-	OCT-APR
	Threadfin shad		XXXX		_	_	_	FEB-MAY
								SEP-NOV
	Weakfish		$\mathbf{x} \ \mathbf{x} \ \mathbf{x} \ \mathbf{x} \ \mathbf{x} \ \mathbf{x} \ \mathbf{x} \ \mathbf{x}$	APR-AUG	-	MAY-AUG	APR-NOV	APR-NOV
VE	RTEBRATE:							
	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
	Northern quahog (hard clam)		$\times \times $			MAY-OCT	JAN-DEC	JAN-DEC
18	Horseshoe crab		$\times \times $		-	-	JAN-DEC	JAN-DEC
	Knobbed whelk		$\times \times $		-		JAN-DEC	JAN-DEC
	Eastern oyster		X X X X X X X X X X X X X				JAN-DEC	JAN-DEC
8	Blue crab		X X X X X X X X X X X X X	-	MAY-SEP	MAY-NOV	JAN-DEC	JAN-DEC
RI	NE MAMMAL:							
₹#	Species	S F Conc.	J F M A M J J A S O N D			Pupping	Molting	
1.0	Hamber normaide							
	Harbor porpoise Bottlenose dolphin		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-	-	-	-	
	ILE:							
	ILE: Species	S F Conc.	J F M A M J J A S O N D	Nesting	Hatching	Internest	ing Juvenil	es Adul
	Green sea turtle	T T	$X\;X\;X\;X\;X\;X\;X\;X$	-	-	-	MAY-NOV	
23		E E	X X X X X X X	-	-	-	MAY-NOV	MAY-
23								
23	Kemp's ridley sea turtle Leatherback sea turtle Loggerhead sea turtle	E E T T	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		-	-	- MAY-NOV	