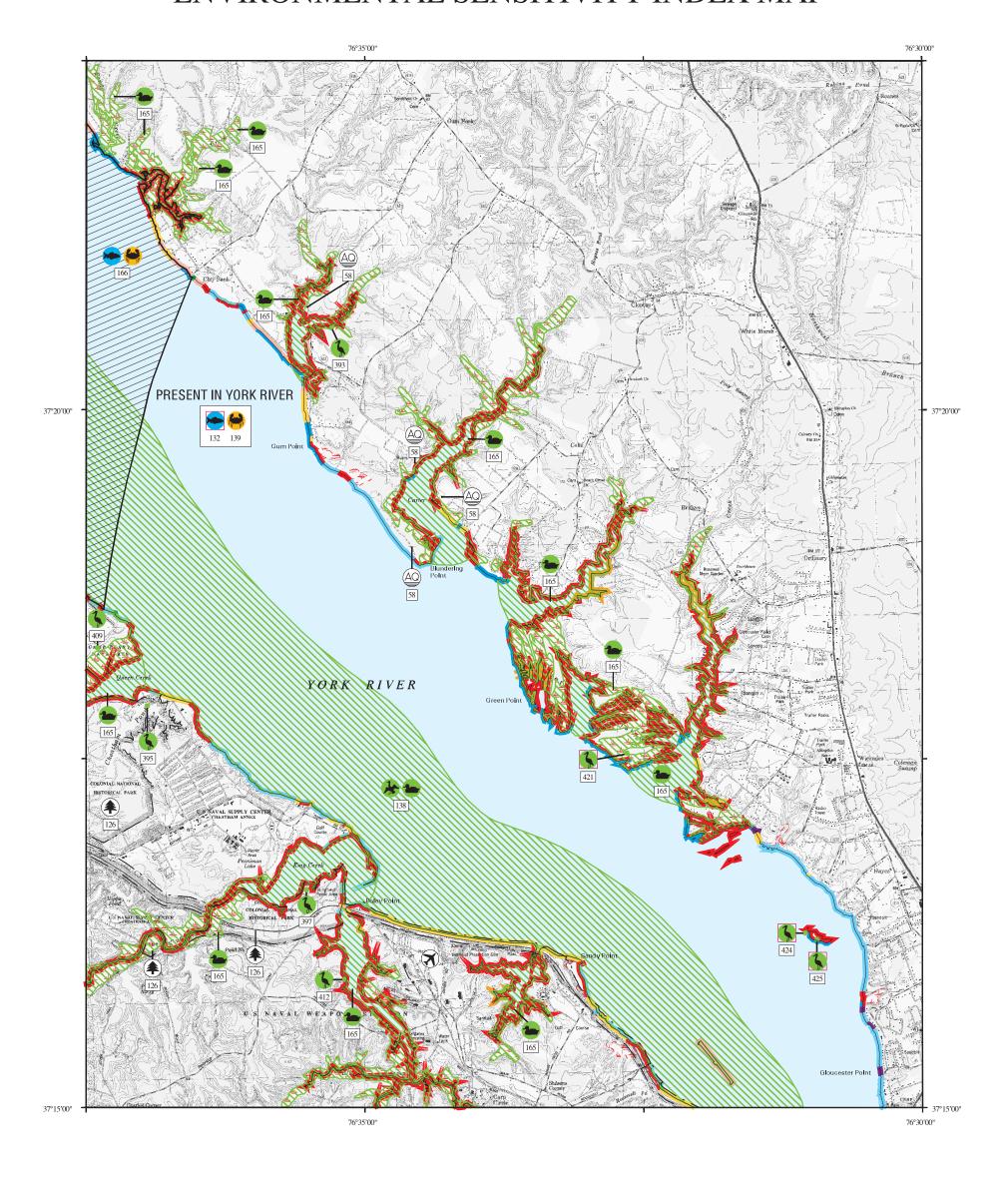
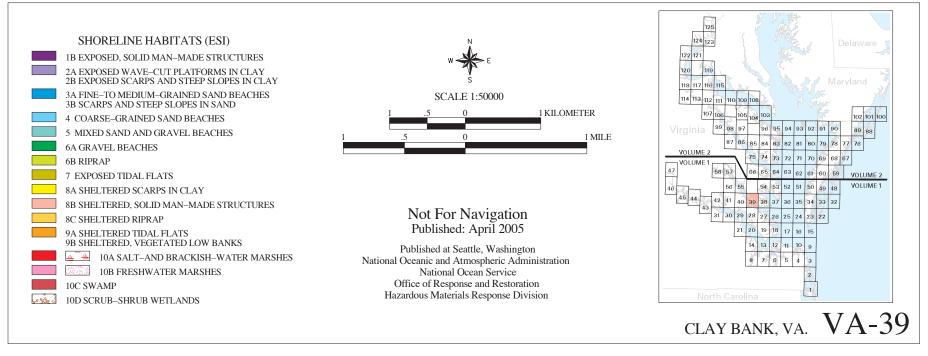
ENVIRONMENTAL SENSITIVITY INDEX MAP





Virginia: ESIMAP 39

BIOLOGICAL RESOURCES:

RIKD:

BYB# BIKD	Species	S F Conc.	J F M A M J J A S O N D	Nestina	Migrating	Molting	•	
	<u>-</u>						_	
138	Bufflehead Canvasback	MODERATE HIGH	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		_	_		
	Eared grebe	nign	X X X X X X X X X		_	_		
	Horned grebe		X X X X X X X X		-	-		
	Mergansers	HIGH	X X X X X X X X X		-	-		
	Ring-necked duck Ruddy duck	HIGH	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		_	_		
	Scaup	MODERATE			-	-		
1 (=	Tundra swan	MODEDAEL	X X X X X X X X X		-	-		
165	American black duck American wigeon	MODERATE	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		_	_		
	Canada goose	MODERATE	X X X X X X X X		-	-		
	Green-winged teal		X X X X X X X X X		-	-		
	Mallard Great blue heron	2 NESTS	X	- MΔ∀TIIT.	_	_		
	Great blue heron	12 NESTS	X X X X X X X X X X X X X		-	_		
	Great blue heron	14 NESTS	$\times \times $		-	-		
	Great blue heron Great blue heron	55 NESTS 6 NESTS	X X X X X X X X X X X X X X X X X X X		_	_		
	Great blue heron	55 NESTS	X X X X X X X X X X X X X X X X X X X		_	_		
	Great egret	C 2 NESTS	$\times \times $	MAY-JUL	-	-		
	Great blue beren	C 14 NESTS	X X X X X X X X X	MAY-JUL	-	-		
	Great blue heron Great egret	14 NESTS C 115 NESTS	$\begin{smallmatrix} X & X & X & X & X & X & X & X & X & X $	MAY-JUL MAY-JUL	_	_		
	-	0 110 112010		1111 001				
FISH								
RAR#	Species	S F Conc.	J F M A M J J A S O N D			Larvae	Juveniles	Adults
	Alewife		X X X X X	-	-	-	-	FEB-JUN
102	American eel		$\times \times $	-	-	-	JAN-DEC	-
	American shad		X X X X X	-	-	-	- JAN-DEC	FEB-JUN -
	Atlantic croaker Atlantic mackerel		$\begin{smallmatrix} X & X & X & X & X & X & X & X & X & X $	_	-	_	JAN-DEC -	- MAR-APR
	Atlantic menhaden		$\times \times $	-	-	MAY-NOV	JAN-DEC	MAY-OCT
	Atlantic silverside		X X X X X X X X X X X X X	MAR-JUL	-	-	JAN-DEC	JAN-DEC
	Atlantic spadefish Atlantic sturgeon	С	$\begin{array}{c} & \times $	_	_	_	AUG-OCT	AUG-NOV JAN-OCT
	Bay anchovy	<u> </u>	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 Blueback herring		$\begin{array}{c} X \ X \ X \ X \ X \ X \end{array}$	JUN-OCT	_	-	APR-OCT	APR-OCT FEB-JUN
	Bluefish		XXXXXXX	_	_	_	MAY-NOV	APR-NOV
	Butterfish		$\times \times $	-	-	-	JUL-NOV	MAR-NOV
	Clearnose skate Gobies		X X X X X X X	- and and	- ADD CED	- ADD OCH	- TAN DEC	MAY-NOV
	Harvestfish		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	APR-SEP	APR-SEP -	APR-OCT	JAN-DEC JUL-OCT	JAN-DEC APR-OCT
	Hickory shad		X X X X X	-	-	-	-	FEB-JUN
	Hogchoker		X X X X X X X X X X X X X X X X X X X			MAY-SEP	JAN-DEC	JAN-DEC
	Inland silverside Minnows		$\begin{smallmatrix} X & X & X & X & X & X & X & X & X & X $		_	_	JAN-DEC JAN-DEC	JAN-DEC JAN-DEC
	Mummichog		X X X X X X X X X X X X	APR-AUG	-	_	JAN-DEC	JAN-DEC
	Northern kingfish		$\times \times \times \times \times \times \times$	-	-	-	-	APR-OCT
	Northern pipefish Northern puffer		$\begin{smallmatrix} X & X & X & X & X & X & X & X & X & X $				JAN-DEC MAR-OCT	JAN-DEC
	Northern searobin		x	MAY-JUL	-	_	MAR-OCT	MAR-OCT MAR-OCT
	Red drum		$X \times X \times X \times X$		-		AUG-SEP	MAY-NOV
	Red hake		$X \ X \ X \ X \qquad \qquad X \ X \ X$	-		-	FEB-MAY	FEB-MAY
	Sandbar shark		$X \times X \times X$	_	_	_	MAY-OCT	SEP-NOV MAY-OCT
	Scup (porgy)		X X X X X X X X	_	_	_	JUN-OCT	MAR-OCT
	Silver hake				-	-	-	OCT-MAY
	Silver perch		X X X X X X X X X X X X X X X X X X X		_	- DEC-APR	JAN-DEC	JAN-DEC
	Spot Spotted hake		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	_	_	DEC-AFK	MAR-NOV MAR-JUN	JAN-DEC MAR-JUN
								SEP-NOV
	Spotted seatrout		$X\;X\;X\;X\;X\;X\;X\;X$			-	APR-NOV	APR-NOV
	Striped bass Striped killifish		$\begin{array}{cccccccccccccccccccccccccccccccccccc$		-	_	- JAN-DEC	OCT-JUN JAN-DEC
	Summer flounder		X X X X X X X X X X X X X X X X X X X			-	JAN-DEC	JAN-DEC
	Tautog			-	-	-	-	OCT-APR
	Threadfin shad		X X X X	_	_	_	_	FEB-MAY
	Weakfish		x	_	_	_	AUG-NOV	SEP-NOV JAN-DEC
	Alewife		XXXXX	-	-	-	-	FEB-JUN
	American eel		X X X X X X X X X X X X X	-	-	-	JAN-DEC	- -
	American shad Atlantic croaker		$\begin{array}{c} \mathbf{X} \ \mathbf{X} \ \mathbf{X} \ \mathbf{X} \ \mathbf{X} \\ \mathbf{X} \ \mathbf{X} \\ \end{array}$	_	_	_	- JAN-DEC	FEB-JUN -
	Atlantic menhaden		XXXXXXX	_	_	-	MAY-NOV	_
	Atlantic silverside		$\times \times $			-	JAN-DEC	JAN-DEC
	Bay anchovy		X X X X X X X X X X X X X X X X X X X		_	-	JAN-DEC	JAN-DEC
	Blueback herring Hickory shad		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-	-	-	-	FEB-JUN FEB-JUN
	Hogchoker		$\times \times $			MAY-SEP	JAN-DEC	JAN-DEC
			X X X X X X X X X X X X X		-	-	JAN-DEC	JAN-DEC
	Mummichog		$\begin{smallmatrix} X & X & X & X & X & X & X & X & X & X $		_	- DEC-APR	JAN-DEC APR-NOV	JAN-DEC -
	Silver perch						-	OCT-JUN
			XXXXXXXXXXX	-	-	-		001 001
	Silver perch Spot Striped bass Striped killifish		$\begin{smallmatrix} X&X&X&X&X&&&&&X&X&X\\ X&X&X&X&X&X&X&X&X&$	APR-SEP	-	-	JAN-DEC	JAN-DEC
	Silver perch Spot Striped bass Striped killifish Summer flounder		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	APR-SEP	- -	-	JAN-DEC JAN-DEC	JAN-DEC -
	Silver perch Spot Striped bass Striped killifish		$\begin{smallmatrix} X&X&X&X&X&&&&&X&X&X\\ X&X&X&X&X&X&X&X&X&$	APR-SEP - -	-	-	JAN-DEC	JAN-DEC
	Silver perch Spot Striped bass Striped killifish Summer flounder Weakfish White perch		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	APR-SEP - -	- - -	- - -	JAN-DEC JAN-DEC JAN-DEC	JAN-DEC - -
INVEI	Silver perch Spot Striped bass Striped killifish Summer flounder Weakfish White perch RTEBRATE:		X X X X X X X X X X X X X X X X X X X	APR-SEP - - -	- - -	- - -	JAN-DEC JAN-DEC JAN-DEC JAN-DEC	JAN-DEC - - JAN-DEC
INVEI	Silver perch Spot Striped bass Striped killifish Summer flounder Weakfish White perch RTEBRATE: Species	S F Conc.	X X X X X X X X X X X X X X X X X X X	APR-SEP Spawning	- - - - Eggs	- - - - Larvae	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC	JAN-DEC - JAN-DEC Adults
INVEI RAR# 139	Silver perch Spot Striped bass Striped killifish Summer flounder Weakfish White perch RTEBRATE: Species		X X X X X X X X X X X X X X X X X X X	APR-SEP Spawning	- - - - Eggs	- - - - Larvae	JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC	JAN-DEC - JAN-DEC Adults

HUMAN USE RESOURCES:

AQUACULTURE:

 HUN#
 Name
 Contact
 Phone

 58
 AQUACULTURE: OYSTERS

NATIONAL PARK:

 HUN#
 Name
 Contact
 Phone

 126
 COLONIAL NATIONAL HISTORICAL PARK
 NATIONAL PARK SERVICE
 757/898-3400