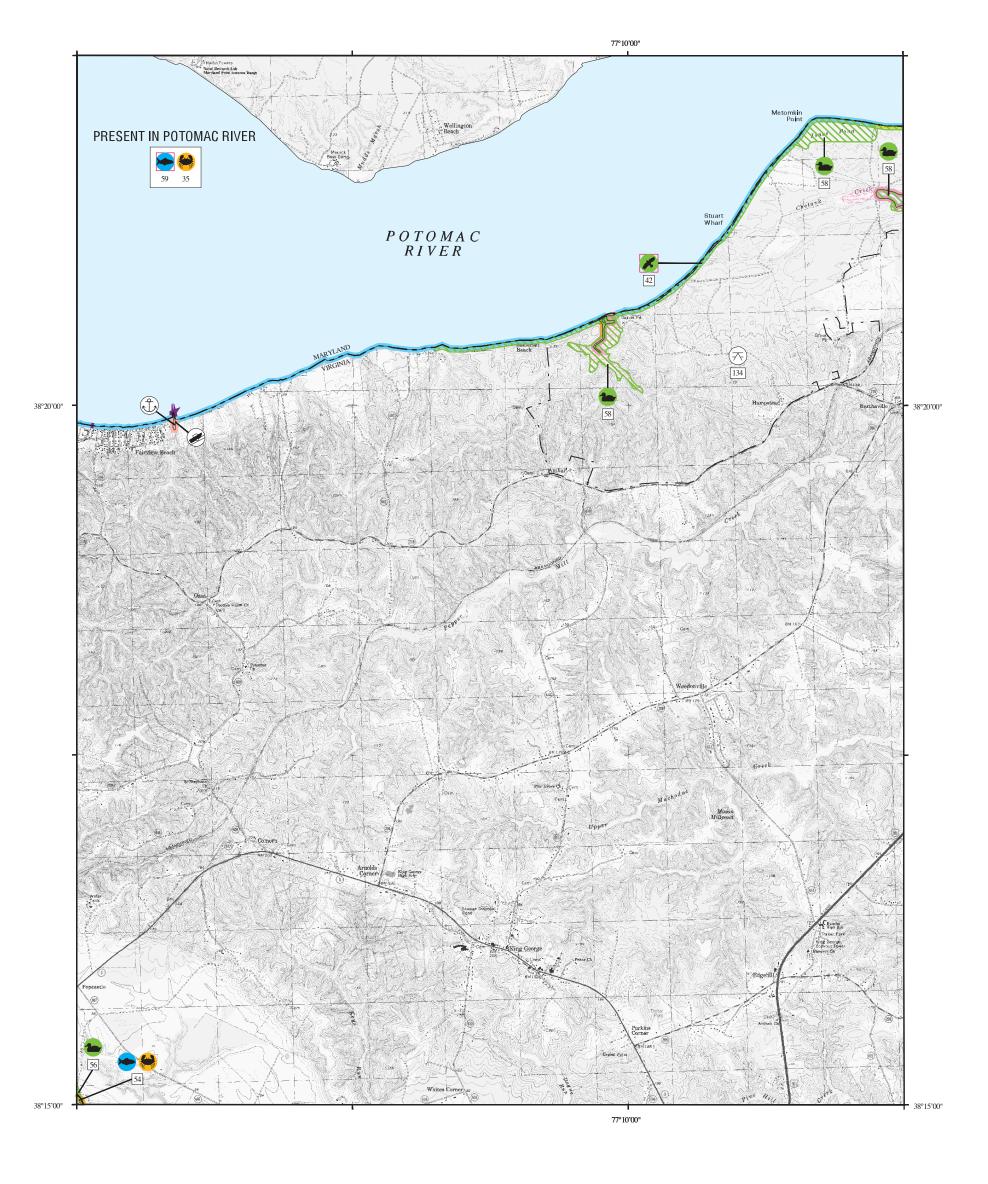
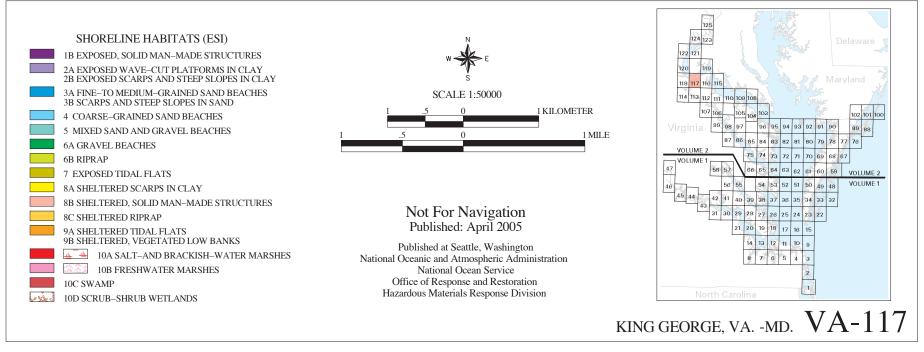
ENVIRONMENTAL SENSITIVITY INDEX MAP





Virginia: ESIMAP 117

BIOLOGICAL RESOURCES:

BIRD	:
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BIRD	:								
RAR#	Species	S F Conc.	J F M A M J J A S	OND	Nesting	Migrating	Molting		
								_	
42	Bald eagle	T T HIGH	X X X X X X X	Х	-	-	-		
56	American black duck	HIGH	X X X X	XXX	-	-	-		
	American wigeon Canada goose	VERY HIGH	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	X X X X X X X X X X X X X X X X X X X	_	_	-		
	Gadwall	VERI HIGH	XXXX	XXX	_	_	_		
	Green-winged teal	HIGH	XXXX	XXX	_	_	_		
	Mallard	HIGH	XXXX	XXX	_	_	_		
	Northern pintail	112011	XXXX	XXX	_	_	_		
	Tundra swan	HIGH	XXXX	XXX	_	_	_		
58	American black duck	HIGH	X X X X	X X X	_	_	_		
	American coot		X X X X	X X X	-	-	-		
	American wigeon		X X X X	X X X	-	-	-		
	Bufflehead	MODERATE	X X X X	X X X	-	-	-		
	Canada goose	HIGH	XXXX	XXX	-	-	-		
	Gadwall		XXXX	XXX	-	-	-		
	Mallard	HIGH	XXXX	XXX	_	-	_		
	Mergansers Northern pintail	MODERATE	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	X X X X X X X X X X X X X X X X X X X	_	_	_		
	Tundra swan	HIGH	XXXX	XXX	_	_	_		
	Tunata Swan	111011	27 27 27 27	21 21 21					
FISH	:								
RAR#	Species	S F Conc.	JFMAMJJAS	OND	Spawning	Eggs	Larvae	Juveniles	Adults
54	Blueback herring		X X X X X X X X X		-	FEB-JUN	FEB-JUN	FEB-OCT	FEB-JUN
	Bluegill		X X X X X X X X X X			-	_	-	JAN-DEC
	Channel catfish		X X X X X X X X X					JAN-DEC	JAN-DEC
	Hickory shad		X X X X X X X X X		FEB-JUN	FEB-JUN	FEB-JUN	FEB-OCT	FEB-JUN
	Hogchoker		X X X X X X X X X X			MAY-SEP	MAY-SEP	JAN-DEC	JAN-DEC
	Inland silverside		X			_	_	JAN-DEC -	JAN-DEC
	Largemouth bass		X			_	_	- JAN-DEC	JAN-DEC JAN-DEC
	Longnose gar Minnows		X			_	_	JAN-DEC JAN-DEC	JAN-DEC JAN-DEC
	Pumpkinseed		X			_	_	JAN-DEC JAN-DEC	JAN-DEC JAN-DEC
	Redbreast sunfish		XXXXXXXXX			_	_	JAN-DEC	JAN-DEC
	Striped bass		XXXXX		-	_	_	MAY-OCT	-
	Tessellated darter		X X X X X X X X X X		APR-JUN	-	-	-	JAN-DEC
	White catfish		X X X X X X X X X X	X X X	MAY-JUN	-	-	JAN-DEC	JAN-DEC
	White perch		X X X X X X X X X X	X X X	APR-JUN	APR-JUN	APR-JUN	JAN-DEC	JAN-DEC
	Yellow perch		X X X X X X X X X X	X X X	APR-JUN	-	-	JAN-DEC	JAN-DEC
	Alewife		X X X X X X X X X	X	-	FEB-JUN	FEB-JUN	FEB-OCT	FEB-JUN
	American shad		X X X X X X X X X	X	FEB-JUN	FEB-JUN	FEB-JUN	FEB-OCT	FEB-JUN
	Atlantic menhaden		X X X X X		-	-	-	MAY-NOV	-
	Banded killifish		X X X X X X X X X X			-	-	JAN-DEC	JAN-DEC
F 0	Black crappie		X X X X X X X X X			-	-	JAN-DEC	JAN-DEC
59	Alewife		X X X X X X X X X		_	FEB-JUN -	FEB-JUN -	FEB-OCT	FEB-JUN -
	American eel American shad		$\begin{smallmatrix} X&X&X&X&X&X&X&X&X&X&X&X&X&X&X&X&X&X&X&$		_	- FEB-JUN	- FEB-JUN	JAN-DEC FEB-OCT	- FEB-JUN
	Atlantic croaker		X X X X X X X X X X X X X X X X X X X		_	- ED-JUN	- -	MAY-DEC	- -
	Atlantic menhaden		XXXXX		_	_	MAY-NOV	MAY-NOV	MAY-OCT
	Atlantic sturgeon	C	$\times \times $		_	_	-	JAN-DEC	APR-NOV
	Banded killifish		X X X X X X X X X X			-	-	JAN-DEC	JAN-DEC
	Bay anchovy		X X X X X X X X X X	X X X	APR-SEP	_	_	JAN-DEC	JAN-DEC
	Black crappie		X X X X X X X X X X	X X X	MAR-JUL	-	-	JAN-DEC	JAN-DEC
	Blueback herring		X X X X X X X X X	X	-	FEB-JUN	FEB-JUN	FEB-OCT	FEB-JUN
	Bluefish		X X X X X	XX	-	-	-	MAY-NOV	-
	Bluegill		X X X X X X X X X X			-	-	-	JAN-DEC
	Bluespotted sunfish		X X X X X X X X X			-	-	-	JAN-DEC
	Brown bullhead		X X X X X X X X X X			-	-	-	JAN-DEC
	Chain pickerel Channel catfish		X			_	_	- TAN-DEC	JAN-DEC
	Common carp		$\begin{array}{cccccccccccccccccccccccccccccccccccc$			_	_	JAN-DEC -	JAN-DEC JAN-DEC
	Gizzard shad		X		MAI-AUG	_	_	JAN-DEC	JAN-DEC
	Gobies		X			APR-SEP	APR-OCT	JAN-DEC	JAN-DEC
	Hickory shad		XXXXXXXXX		-	FEB-JUN	FEB-JUN	FEB-OCT	FEB-JUN
	Hogchoker		XXXXXXXXX		_	-	-	JAN-DEC	JAN-DEC
	Largemouth bass		\times \times \times \times \times \times \times \times			-	-	-	JAN-DEC
	Minnows		\times \times \times \times \times \times \times \times			-	-	JAN-DEC	JAN-DEC
	Mummichog		X X X X X X X X X X	X X X	APR-AUG	-	-	JAN-DEC	JAN-DEC
	Pumpkinseed		X X X X X X X X X X			-	-	JAN-DEC	JAN-DEC
	Redbreast sunfish		X X X X X X X X X X			-	-	JAN-DEC	JAN-DEC
	Shortnose sturgeon		X X X X X X X X X		-	-	_	JAN-DEC	JAN-DEC
	Silver perch		XXX		- MAD TIII	_ MAD_TIIT	- ADD CED	JUL-OCT	-
	Silversides		X			MAR-JUL	APR-SEP	JAN-DEC	JAN-DEC
	Spot Spotted seatrout		$\begin{array}{cccccccccccccccccccccccccccccccccccc$		_	_	DEC-APR -	APR-NOV	_
	Striped bass		$\begin{array}{c} & \times & \times & \times & \times & \times & \times \\ & \times & \times & \times &$		_	- FEB-JUN	- FEB-JUN	APR-NOV MAY-OCT	- FEB-JUN
	Striped bass Striped killifish		X			FEB-JUN	FEB-JUN	MAY-OCT JAN-DEC	JAN-DEC
	Summer flounder		X		APK-SEP	_	_	JAN-DEC	JAN-DEC
	Tessellated darter		X			_	_	-	JAN-DEC
	Threadfin shad		XXXXXXXXX		-	_	-	JAN-DEC	-
	Weakfish		XXXXXX		_	_	_	APR-NOV	_
	White catfish		$\times \times $			-	-	JAN-DEC	JAN-DEC
	White perch		\times \times \times \times \times \times \times \times		_	-	-	JAN-DEC	JAN-DEC
	Yellow perch		X X X X X X X X X X	XXX	APR-JUN	-	-	JAN-DEC	JAN-DEC
T 3 TT									
	RTEBRATE:								
	0	0 7 0		0 37 B	O	TI	-		7 4 7 4 -

HUMAN USE RESOURCES:

PARK:

RAR# Species 35 Blue crab 54 Blue crab

HUN#	Name	Contact	Phone
134	CALEDON NATURAL AREA STATE PARK	VA DCR	540/663-3861
