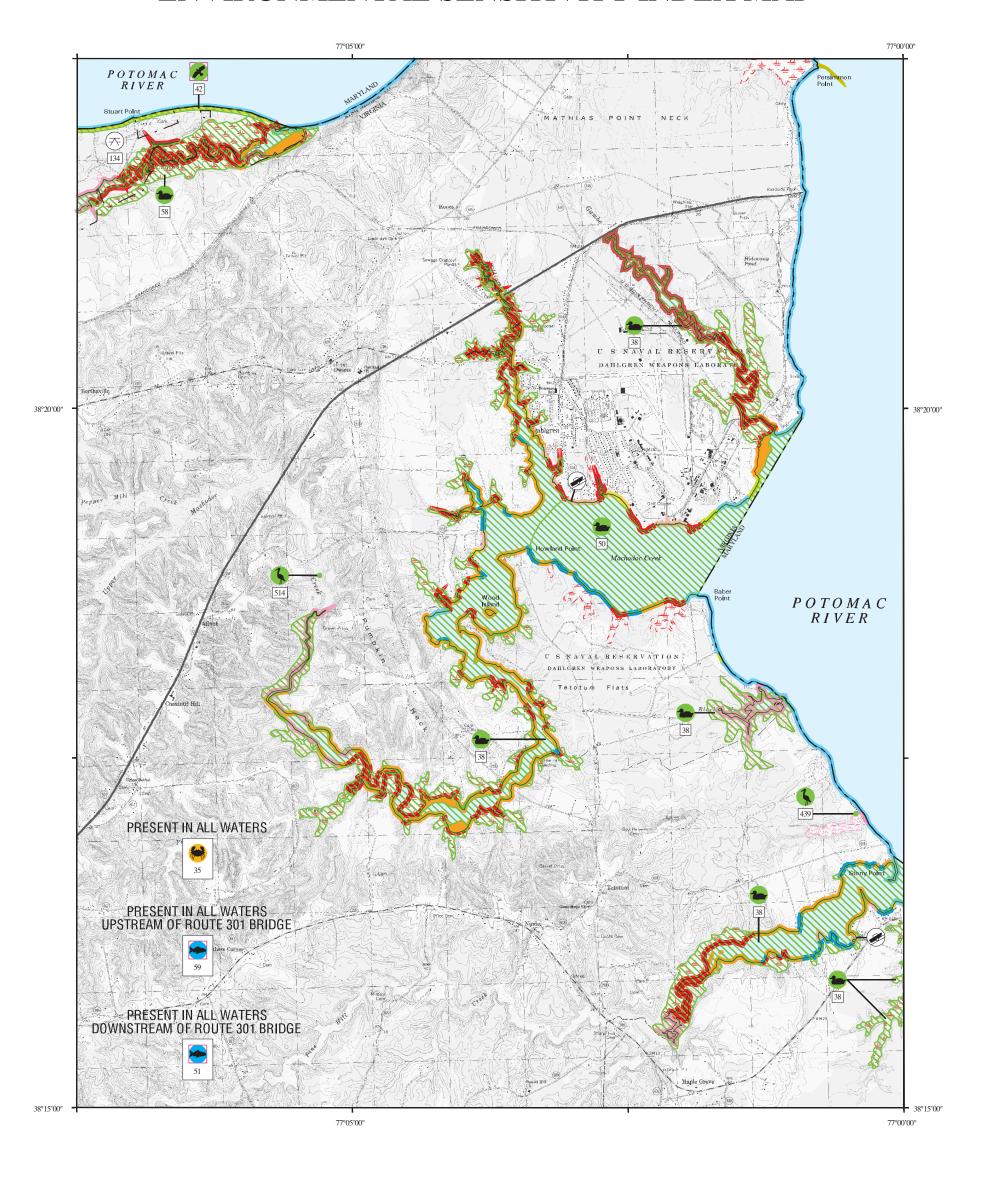
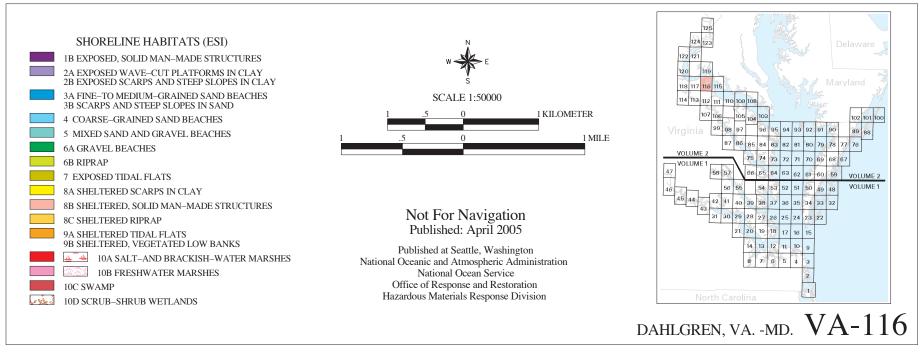
ENVIRONMENTAL SENSITIVITY INDEX MAP





Virginia: ESIMAP 116

BIOLOGICAL RESOURCES:

BIRD	:
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BIRD	:							
RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Migrating	Molting		
	<u>-</u>						_	
38	American black duck		X X X X X X X X		-	_		
	American coot		X X X X X X X X X		-	_		
	American wigeon Bufflehead	MODERATE	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		_	_		
	Canada goose	HIGH	X X X X X X X X		_	_		
	Gadwall		X X X X X X X X		_	_		
	Mallard	MODERATE		-	-	-		
	Mergansers	MODERATE	X X X X X X X X X		-	-		
	Bald eagle Bufflehead	T T HIGH MODERATE	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		_	_		
30	Canvasback	HIGH	X X X X X X X X X		_	_		
	Common goldeneye	111011	X X X X X X X X		_	_		
	Mergansers	MODERATE	X X X X X X X X X	-	-	-		
	Mute swan		X X X X X X X X X X X X X X X X X X X		-	_		
	Ruddy duck	MODERATE	X X X X X X X X X		-	_		
	Scaup Scoters	HIGH MODERATE	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		_	_		
	Tundra swan	HIGH	X X X X X X X X		_	_		
58	American black duck	HIGH	$X \ X \ X \ X$ $X \ X \ X$	-	-	_		
	American coot		X X X X X X X X X X X X X X X X X X X		-	_		
	American wigeon	MODEDAME	X X X X X X X X X		-	-		
	Bufflehead Canada goose	MODERATE HIGH	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		_	_		
	Gadwall	111011	X X X X X X X X X		_	_		
	Mallard	HIGH	X X X X X X X X X		_	_		
	Mergansers	MODERATE	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		-	-		
	Northern pintail		X X X X X X X X	-	-	-		
439	Tundra swan Great blue heron	HIGH 8 NESTS	X X X X	— MAY TIII	-	_		
	Great blue heron	52 NESTS	X X X X X X X X X X X X X		_	_		
		02 112010		1111 001				
FISH	:							
RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
51	Alewife							FEB-JUN
Ο 1	American eel		X X X X X X X X X X X X X X X X X X X	-	-	_	JAN-DEC	
	American shad		$X \ X \ X \ X \ X$	-	-	-	-	FEB-JUN
	Atlantic croaker		$\times \times $	-	-	-	JAN-DEC	MAY-NOV
	Atlantic menhaden		XXXXXX	-	-	MAY-NOV	MAY-NOV	MAY-OCT
	Atlantic sturgeon Banded killifish	С	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	- ADR-SED	_	-	JAN-DEC JAN-DEC	APR-NOV JAN-DEC
	Bay anchovy		XXXXXXXXXXXX		_	_	JAN-DEC	JAN-DEC
	Blueback herring		X X X X X	-	-	-	-	FEB-JUN
	Bluefish		X X X X X X X X	-	-	-	JUL-NOV	APR-NOV
	Bluegill		$\times \times $		-	-	-	JAN-DEC
	Brown bullhead		X X X X X X X X X X X X X X X X X X X		-	_	-	JAN-DEC
	Chain pickerel Common carp		$\begin{array}{cccccccccccccccccccccccccccccccccccc$		_	_	_	JAN-DEC JAN-DEC
	Gizzard shad		XXXXXXXXXXXX		_	_	JAN-DEC	JAN-DEC
	Gobies		$\times \times $	APR-SEP	APR-SEP	APR-OCT	JAN-DEC	JAN-DEC
	Hickory shad		X X X X X		-	-	-	FEB-JUN
	Hogchoker Largemouth bass		$\begin{array}{cccccccccccccccccccccccccccccccccccc$		MAY-SEP -	MAY-SEP -	JAN-DEC -	JAN-DEC JAN-DEC
	Minnows		X X X X X X X X X X X X X		_	_	JAN-DEC	JAN-DEC
	Mummichog		\times		_	_	JAN-DEC	JAN-DEC
	Northern pipefish		$\times \times $	MAY-JUN	-	-	JAN-DEC	JAN-DEC
	Northern puffer		X X X X X X X X	MAY-AUG	-	-	MAR-OCT	MAR-OCT
	Pumpkinseed Shortnose sturgeon		X X X X X X X X X X X X X X X X X X X		-	-	JAN-DEC JAN-DEC	JAN-DEC JAN-DEC
	Silver perch		X X X X X X X X X X X X X		_	_	JAN-DEC	JAN-DEC
	Silversides		XXXXXXXXXXXX		MAR-JUL		JAN-DEC	JAN-DEC
	Spot		$\times \times $	-	-	DEC-APR	MAR-NOV	JAN-DEC
	Spotted seatrout		X X X X X X X X	-		-	APR-NOV	-
	Striped bass Striped killifish		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	- 7 DD_CED	-	-	MAY-OCT JAN-DEC	FEB-JUN JAN-DEC
	Summer flounder		X X X X X X X X X X X X X			_	JAN-DEC	OAN DEC
	Weakfish		$X \times X \times X \times X \times X$		_	_	APR-NOV	_
	White catfish		$\times \times $	-	-	-	JAN-DEC	-
	White perch		X X X X X X X X X X X X X		-	-	-	JAN-DEC
5.0	Winter flounder Alewife		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	FEB-MAY -	FEB-MAY FEB-JUN	MAR-MAY FEB-JUN	MAR-NOV FEB-OCT	NOV-MAY FEB-JUN
33	American eel		X X X X X X X X X X X X X			-	JAN-DEC	- -
	American shad		\times \times \times \times \times \times \times \times		FEB-JUN		FEB-OCT	FEB-JUN
	Atlantic croaker		X X X X X X X X	-		-	MAY-DEC	-
	Atlantic menhaden	C	X X X X X X X			MAY-NOV -	MAY-NOV	MAY-OCT
	Atlantic sturgeon Banded killifish	С	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		-	_	JAN-DEC JAN-DEC	APR-NOV JAN-DEC
	Bay anchovy		XXXXXXXXXXXX		_	_	JAN-DEC	JAN-DEC
	Black crappie		imes ime		-	-	JAN-DEC	JAN-DEC
	Blueback herring		X X X X X X X X X				FEB-OCT	FEB-JUN
	Bluefish			-	-	-	MAY-NOV	- -
	Bluegill Bluespotted sunfish		$\begin{array}{cccccccccccccccccccccccccccccccccccc$		_	_	-	JAN-DEC JAN-DEC
	Brown bullhead		X X X X X X X X X X X X X		_	_	_	JAN-DEC
	Chain pickerel		imes ime		-	-	-	JAN-DEC
	Channel catfish		$\times \times $		-	-	JAN-DEC	JAN-DEC
	Common carp		X X X X X X X X X X X X X X X X X X X		-	-	- TAN DEG	JAN-DEC
	Gizzard shad Gobies		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	- APR-SEP	- APR-SEP	- APR-OCT	JAN-DEC JAN-DEC	JAN-DEC JAN-DEC
	Hickory shad			AFK-SEF		FEB-JUN	FEB-OCT	FEB-JUN
	Hogchoker		imes ime	-	-	-	JAN-DEC	JAN-DEC
	Largemouth bass		X X X X X X X X X X X X X		-	-	-	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 Pumpkinseed		$\begin{array}{cccccccccccccccccccccccccccccccccccc$		_	_	JAN-DEC JAN-DEC	JAN-DEC JAN-DEC
	Redbreast sunfish		X X X X X X X X X X X X X			-	JAN-DEC	JAN-DEC
	Shortnose sturgeon		$\times \times $	-	-	-	JAN-DEC	JAN-DEC
	Silver perch		X X X X	-	-	-	JUL-OCT	-
	Silversides		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
	Spot Spotted seatrout		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	_	-	DEC-APR -	APR-NOV APR-NOV	-
	Striped bass		X	-	- FEB-JUN	- FEB-JUN	MAY-OCT	- FEB-JUN
	Striped killifish		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		-	-	JAN-DEC	-
	Tessellated darter		X X X X X X X X X X X X X		-	-	-	JAN-DEC
	Threadfin shad Weakfish		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-	_	-	JAN-DEC APR-NOV	-
	White catfish		X X X X X X X X X X X X X			-	JAN-DEC	JAN-DEC
	White perch		$\times \times $			-	JAN-DEC	JAN-DEC

Biological information shown on the maps represents known concentration areas or occurrences, but does not necessarily represent the full distribution or range of each species. This is particularly important to recognize when considering potential impacts to protected species.

Virginia: ESIMAP 116 (cont.)

BIOLOGICAL RESOURCES: (cont.)

FISH: (cont.)

HUMAN USE RESOURCES:

PARK:

 HUN#
 Name
 Contact
 Phone

 134
 CALEDON NATURAL AREA STATE PARK
 VA DCR
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