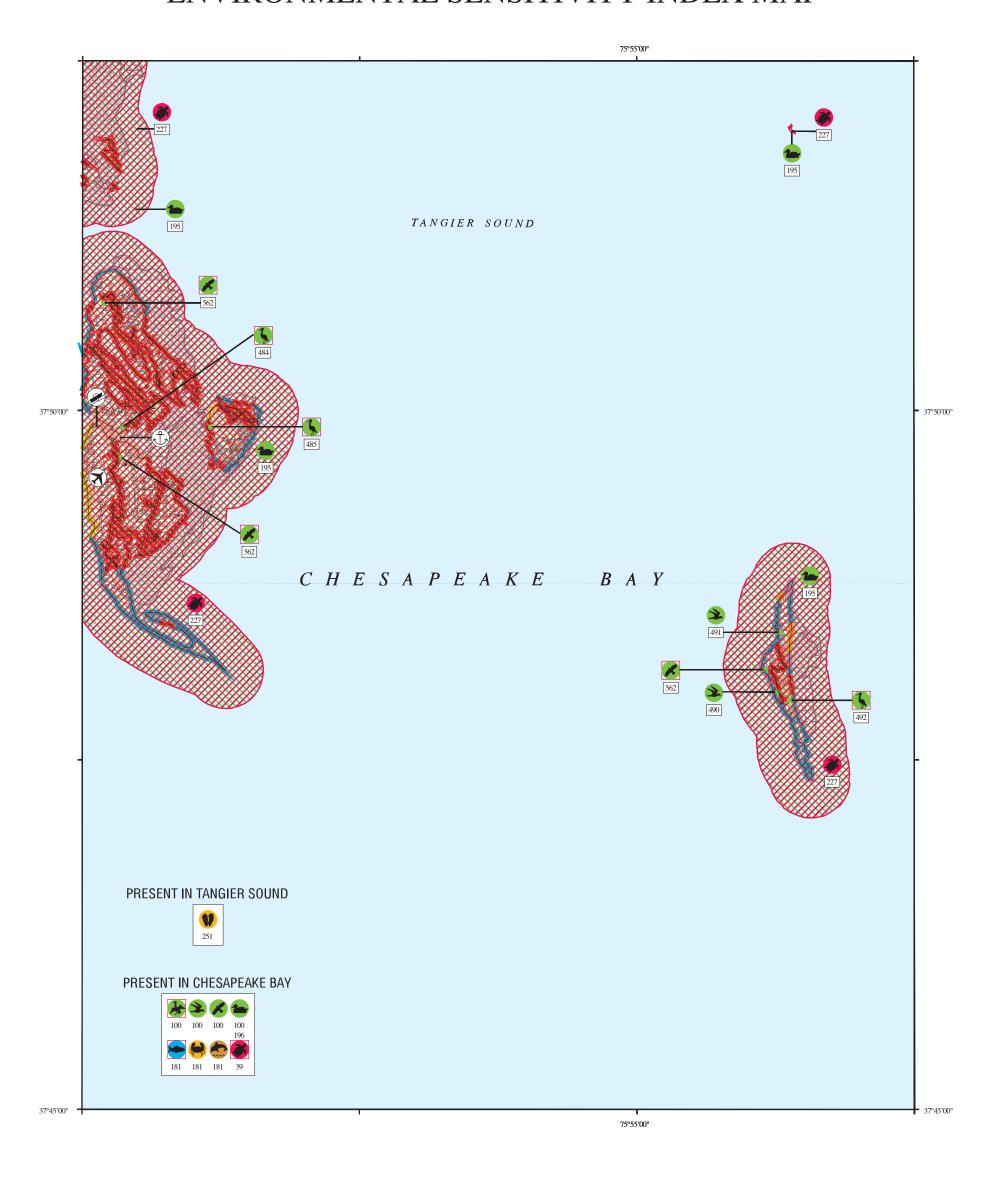
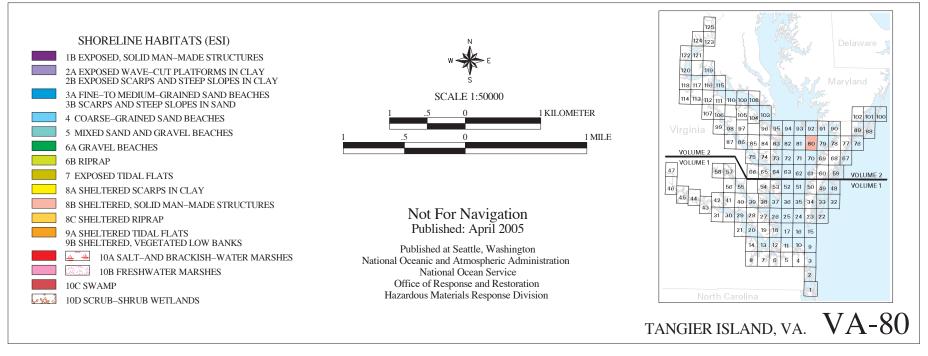
ENVIRONMENTAL SENSITIVITY INDEX MAP





Virginia: ESIMAP 80

BIOLOGICAL RESOURCES:

RIKD:

D3D#	:							
RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Migrating	Molting	1	
100	Brown pelican	C	$X\ X\ X\ X\ X\ X\ X\ X$	-	-	-		
	Gulls		$\times \times $	-	-	-		
	Loons		X X X X X X X X X X X X X X X X X X X	-	-	-		
	Mergansers		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-	-	_		
	Osprey Scoters	HIGH	XXXX XXX	_	_	_		
	Terns		XXXXXXXX	_	_	_		
195	American black duck	VERY HIGH	$\times \times $	MAR-JUL	_	-		
	American wigeon	HIGH	$X \ X \ X \ X \qquad \qquad X \ X \ X$	-	-	-		
	Brant		X X X X X X X X X X X X X X X X X X X	-	-	-		
	Canada goose	HIGH	X X X X X X X X X X X X X X X X X X X		-	_		
	Gadwall	LOW	X X X X X X X X X X X X X X X X X X X	APK-JUN -	_	_		
	Green-winged teal Mallard	HIGH	X X X X X X X X X X X X X X X X X X X		_	_		
	Northern pintail		XXXX XXX	-	_	_		
	Snow goose		$X \ X \ X \ X$ $X \ X \ X$	-	-	-		
196	Bufflehead	HIGH	$X \ X \ X \ X \qquad \qquad X \ X \ X$	-	-	-		
	Canvasback	HIGH	X X X X X X X X	-	-	-		
	Common goldeneye Long-tailed duck		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	_	_	_		
	Redhead	HIGH	X X X X X X X X	_	_	_		
	Ring-necked duck	LOW	X X X X X X X X	_	_	_		
	Ruddy duck	HIGH	X X X X X X X X X X	-	-	-		
	Scaup		$X \ X \ X \ X \qquad \qquad X \ X \ X$	-	-	-		
	Scoters	MODERATE	X X X X X X X X	-	-	-		
101	Tundra swan	HIGH 12 ADULTS	XXXX XXX	- MAV TIIT	-	_		
404	Black-crowned night-heron Great egret	C 2 ADULTS	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	MAY-JUL	_	_		
	Snowy egret	7 ADULTS	XXXXXXXXX	MAY-JUL	_	_		
485	Black-crowned night-heron	21 ADULTS	$\times \times $		_	_		
	Glossy ibis	C 16 ADULTS	$\times \times $	MAY-JUL	-	-		
	Great blue heron	4 ADULTS	X X X X X X X X X X X X		-	-		
	Great egret	C 20 ADULTS	X	MAY-JUL	-	-		
	Little blue heron	C 14 ADULTS 13 ADULTS	X	MAY-JUL MAY-JUL	_	_		
490	Snowy egret Herring gull	48 NESTS	$\begin{array}{c} \times \times$		-	_		
491	Great black-backed gull	6 NESTS	X X X X X X X X X X X X X X X X X X X		_	-		
	Herring gull	82 NESTS	$\times \times $		_	-		
492	Black-crowned night-heron	10 NESTS	$X\;X\;X\;X\;X\;X\;X\;X\;$	MAY-JUL	-	-		
	Glossy ibis	C 24 NESTS	$\times \times $	MAY-JUL	-	_		
	Great blue heron	80 NESTS	X X X X X X X X X X X X		-	-		
	Great egret Little blue heron	C 385 NESTS C 38 NESTS	$\begin{array}{c} X\;X\;X\;X\;X\;X\;X\;X\;$	MAY-JUL MAY-JUL	_	_		
	Snowy egret	57 NESTS	X X X X X X X X X	MAY-JUL	_	_		
	Yellow-crowned night-heron	C 4 NESTS	XXXXXXXXX	MAY-JUL	_	_		
562	Peregrine falcon	T	X X X X X X	MAR-AUG	_	-		
FISH								
RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
	Alewife		X X X X X					FEB-JUN
101	American eel		X X X X X X X X X X X X X	_	_	_	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		X X X X X X X X X X X X X		-	MAY-NOV	JAN-DEC	MAY-OCT
	Atlantic silverside Atlantic spadefish		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	MAR-JUL -	_	-	JAN-DEC AUG-OCT	JAN-DEC AUG-NOV
	Atlantic sturgeon	С	X X X X X X X X X	_	_	_	AUG-UC1 -	JAN-OCT
	Bay anchovy	Ü	X X X X X X X X X X X X X		_	_	JAN-DEC	JAN-DEC
	Black drum		$\times \times $	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		X X X X X X X X X X	-	-	_	NOV-MAR	JAN-JUN
	Bluefish Butterfish		$\begin{array}{c} X\;X\;X\;X\;X\;X\;X\;X\;$	_	-	_	MAY-NOV JUL-NOV	APR-NOV MAR-NOV
							OOT NOV	
	Clearnose skate			_	_	_	_	MAY-NOV
	Clearnose skate Gobies		X X X X X X X X X X X X X X X X X X X		- APR-SEP	- APR-OCT	- JAN-DEC	MAY-NOV JAN-DEC
	Gobies Harvestfish		X X X X X X X		APR-SEP -		JAN-DEC JUL-OCT	
	Gobies Harvestfish Hickory shad		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	APR-SEP - -	APR-SEP - -	APR-OCT - -	JAN-DEC JUL-OCT NOV-MAR	JAN-DEC APR-OCT JAN-JUN
	Gobies Harvestfish Hickory shad Hogchoker		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	APR-SEP - - MAY-SEP	APR-SEP - MAY-SEP	APR-OCT - MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	APR-SEP MAY-SEP APR-MAY	APR-SEP - -	APR-OCT MAY-SEP -	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC
	Gobies Harvestfish Hickory shad Hogchoker		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	APR-SEP MAY-SEP APR-MAY APR-AUG	APR-SEP - MAY-SEP	APR-OCT - MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish		X X X X X X X X X X X X X X X X X X X	APR-SEP MAY-SEP APR-MAY APR-AUG APR-AUG	APR-SEP - MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish		X X X X X X X X X X X X X X X X X X X	APR-SEP MAY-SEP APR-MAY APR-AUG APR-AUG - MAY-JUN	APR-SEP - MAY-SEP	APR-OCT MAY-SEP -	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC - JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DEC
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer		X X X X X X X X X X X X X X X X X X X	APR-SEP MAY-SEP APR-MAY APR-AUG APR-AUG - MAY-JUN MAY-AUG	APR-SEP - MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC A JAN-DEC MAR-OCT	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DEC MAR-OCT
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin		X X X X X X X X X X X X X X X X X X X	APR-SEP - MAY-SEP APR-MAY APR-AUG APR-AUG - MAY-JUN MAY-AUG MAY-JUL	APR-SEP - MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DEC MAR-OCT MAR-OCT
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer		X X X X X X X X X X X X X X X X X X X	APR-SEP MAY-SEP APR-MAY APR-AUG APR-AUG - MAY-JUN MAY-AUG	APR-SEP - MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC A JAN-DEC MAR-OCT	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DEC MAR-OCT
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum		X X X X X X X X X X X X X X X X X X X	APR-SEP MAY-SEP APR-MAY APR-AUG APR-AUG - MAY-JUN MAY-AUG MAY-JUL JUL-NOV	APR-SEP - MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC A JAN-DEC A JAN-DEC MAR-OCT AUG-SEP	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DEC MAR-OCT MAR-OCT MAY-NOV
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark		X X X X X X X X X X X X X X X X X X X	APR-SEP MAY-SEP APR-MAY APR-AUG APR-AUG - MAY-JUN MAY-AUG MAY-JUL JUL-NOV	APR-SEP - MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC - JAN-DEC - AN-DEC MAR-OCT - AUG-SEP FEB-MAY	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DCT MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy)		X X X X X X X X X X X X X X X X X X X	APR-SEP MAY-SEP APR-MAY APR-AUG APR-AUG - MAY-JUN MAY-AUG MAY-JUL JUL-NOV	APR-SEP MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC - JAN-DEC - AUG-SEP FEB-MAY MAY-OCT JUN-OCT	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DCT MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake		X X X X X X X X X X X X X X X X X X X	APR-SEP MAY-SEP APR-MAY APR-AUG APR-AUG - MAY-JUN MAY-JUN MAY-JUL JUL-NOV	APR-SEP MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC - JAN-DEC MAR-OCT AUG-SEP FEB-MAY MAY-OCT JUN-OCT	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch		X X X X X X X X X X X X X X X X X X X	APR-SEP MAY-SEP APR-MAY APR-AUG APR-AUG - MAY-JUN MAY-JUN MAY-JUL JUL-NOV	APR-SEP MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC AN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JUN-OCT - JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT MAY-OCT
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch Spot		X X X X X X X X X X X X X X X X X X X	APR-SEP MAY-SEP APR-AUG APR-AUG APR-AUG MAY-JUN MAY-AUG MAY-JUL JUL-NOV APR-MAY	APR-SEP MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JUN-OCT - JAN-DEC MAR-NOV	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DEC MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAY-OCT OCT-MAY JAN-DEC MAR-OCT
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch		X X X X X X X X X X X X X X X X X X X	APR-SEP MAY-SEP APR-AUG APR-AUG APR-AUG MAY-JUN MAY-AUG MAY-JUL JUL-NOV APR-MAY	APR-SEP MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC AN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JUN-OCT - JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT MAY-OCT
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch Spot Spotted hake		X X X X X X X X X X X X X X X X X X X	APR-SEP MAY-SEP APR-MAY APR-AUG APR-AUG MAY-JUN MAY-AUG MAY-JUL JUL-NOV APR-MAY - MAY-JUL	APR-SEP MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JUN-OCT - JAN-DEC MAR-NOV MAR-JUN APR-NOV	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DEC MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT MAR-NOV MAR-JUN SEP-NOV APR-NOV
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch Spot Spotted hake		X X X X X X X X X X X X X X X X X X X	APR-SEP MAY-SEP APR-MAY APR-AUG APR-AUG MAY-JUL JUL-NOV APR-MAY - MAY-JUL - MAY-JUL -	APR-SEP MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JUN-OCT - JAN-DEC MAR-NOV MAR-JUN APR-NOV JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT MAR-OCT MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT MAR-NOV JAN-DEC
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch Spot Spotted hake Spotted seatrout Striped bass Striped killifish		X X X X X X X X X X X X X X X X X X X	APR-SEP - MAY-SEP APR-MAY APR-AUG APR-AUG MAY-JUN MAY-AUG MAY-JUL JUL-NOV APR-MAY - MAY-JUL APR-SEP	APR-SEP MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JUN-OCT - JAN-DEC MAR-NOV MAR-JUN APR-NOV JAN-DEC JAN-DEC JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT MAR-OCT MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT MAR-OCT JAN-DEC JAN-DEC JAN-DEC
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch Spot Spotted hake Spotted seatrout Striped bass Striped killifish Summer flounder		X X X X X X X X X X X X X X X X X X X	APR-SEP MAY-SEP APR-MAY APR-AUG APR-AUG MAY-JUL JUL-NOV APR-MAY - MAY-JUL - MAY-JUL -	APR-SEP MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JUN-OCT - JAN-DEC MAR-NOV MAR-JUN APR-NOV JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT OCT-MAY JAN-DEC MAR-JUN SEP-NOV APR-NOV APR-NOV APR-NOV JAN-DEC JAN-DEC APR-OCT
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch Spot Spotted hake Spotted seatrout Striped bass Striped killifish		X X X X X X X X X X X X X X X X X X X	APR-SEP - MAY-SEP APR-MAY APR-AUG APR-AUG MAY-JUN MAY-AUG MAY-JUL JUL-NOV APR-MAY - MAY-JUL APR-SEP	APR-SEP MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JUN-OCT - JAN-DEC MAR-NOV MAR-JUN APR-NOV JAN-DEC JAN-DEC JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DEC MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT OCT-MAY JAN-DEC MAR-NOV MAR-JUN SEP-NOV APR-NOV APR-NOV APR-NOV JAN-DEC APR-OCT OCT-APR
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch Spot Spotted hake Spotted seatrout Striped bass Striped killifish Summer flounder Tautog		X X X X X X X X X X X X X X X X X X X	APR-SEP - MAY-SEP APR-MAY APR-AUG APR-AUG MAY-JUN MAY-AUG MAY-JUL JUL-NOV APR-MAY - APR-MAY - APR-SEP	APR-SEP MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JUN-OCT - JAN-DEC MAR-NOV MAR-JUN APR-NOV JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT OCT-MAY JAN-DEC MAR-JUN SEP-NOV APR-NOV JAN-DEC JAN-DEC APR-OCT
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch Spot Spotted hake Spotted seatrout Striped bass Striped killifish Summer flounder Tautog		X X X X X X X X X X X X X X X X X X X	APR-SEP - MAY-SEP APR-MAY APR-AUG APR-AUG MAY-JUN MAY-AUG MAY-JUL JUL-NOV APR-MAY - APR-MAY - APR-SEP	APR-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JUN-OCT - JAN-DEC MAR-NOV MAR-JUN APR-NOV JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DEC MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT OCT-MAY JAN-DEC MAR-OCT OCT-MAY JAN-DEC MAR-NOV MAR-JUN SEP-NOV APR-NOV JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT OCT-APR FEB-MAY
TMTPF	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch Spot Spotted hake Spotted seatrout Striped bass Striped killifish Summer flounder Tautog Threadfin shad Weakfish		X X X X X X X X X X X X X X X X X X X	APR-SEP - MAY-SEP APR-MAY APR-AUG APR-AUG MAY-JUN MAY-AUG MAY-JUL JUL-NOV APR-MAY - APR-MAY - APR-SEP	APR-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JUN-OCT - JAN-DEC MAR-NOV MAR-JUN APR-NOV JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DEC MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT JAN-DEC MAR-OCT OCT-MAY JAN-DEC MAR-NOV JAN-DEC APR-NOV JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT OCT-APR FEB-MAY SEP-NOV
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch Spot Spotted hake Spotted seatrout Striped bass Striped killifish Summer flounder Tautog Threadfin shad Weakfish RTEBRATE:	S. F. Cong	X X X X X X X X X X X X X X X X X X X	APR-SEP MAY-SEP APR-MAY APR-AUG APR-AUG MAY-JUN MAY-AUG MAY-JUL JUL-NOV APR-MAY APR-MAY APR-SEP APR-AUG	APR-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JUN-OCT - JAN-DEC MAR-NOV MAR-JUN APR-NOV JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT MAR-OCT MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT JAN-DEC MAR-NOV JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT OCT-APR FEB-MAY SEP-NOV APR-NOV APR-NOV
	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch Spot Spotted hake Spotted seatrout Striped bass Striped killifish Summer flounder Tautog Threadfin shad Weakfish	S F Conc.	X X X X X X X X X X X X X X X X X X X	APR-SEP MAY-SEP APR-MAY APR-AUG APR-AUG MAY-JUN MAY-AUG MAY-JUL JUL-NOV APR-MAY APR-MAY APR-SEP APR-AUG	APR-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JUN-OCT - JAN-DEC MAR-NOV MAR-JUN APR-NOV JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DEC MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT JAN-DEC MAR-OCT OCT-MAY JAN-DEC MAR-NOV JAN-DEC APR-NOV JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT OCT-APR FEB-MAY SEP-NOV
RAR# 181	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch Spot Spotted hake Spotted seatrout Striped bass Striped killifish Summer flounder Tautog Threadfin shad Weakfish RTEBRATE: Species Blue crab		X X X X X X X X X X X X X X X X X X X	APR-SEP MAY-SEP APR-MAY APR-AUG APR-AUG MAY-JUN MAY-AUG MAY-JUL JUL-NOV APR-MAY APR-MAY APR-SEP APR-AUG	APR-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JUN-OCT - JAN-DEC MAR-NOV MAR-JUN APR-NOV JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DEC MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT OCT-MAY JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT OCT-APR FEB-MAY SEP-NOV APR-NOV APR-NOV
RAR# 181	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch Spot Spotted hake Spotted seatrout Striped bass Striped killifish Summer flounder Tautog Threadfin shad Weakfish RTEBRATE: Species		X X X X X X X X X X X X X X X X X X X	APR-SEP - MAY-SEP APR-MAY APR-AUG APR-AUG - MAY-JUN MAY-AUG MAY-JUL JUL-NOV APR-MAY APR-MAY APR-SEP APR-AUG Spawning	APR-SEP MAY-SEP	APR-OCT MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JUN-OCT - JAN-DEC MAR-NOV MAR-JUN APR-NOV JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT MAR-OCT MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT MAR-OCT OCT-MAY JAN-DEC JAN-DEC APR-NOV JAN-DEC JAN-DEC JAN-DEC APR-NOV JAN-DEC JAN-DEC APR-OCT OCT-APR FEB-MAY SEP-NOV APR-NOV APR-NOV
RAR# 181 251	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch Spot Spotted seatrout Striped bass Striped killifish Summer flounder Tautog Threadfin shad Weakfish RTEBRATE: Species Blue crab Eastern oyster		X X X X X X X X X X X X X X X X X X X	APR-SEP - MAY-SEP APR-MAY APR-AUG APR-AUG - MAY-JUN MAY-AUG MAY-JUL JUL-NOV APR-MAY APR-MAY APR-SEP APR-AUG Spawning	APR-SEP MAY-SEP	APR-OCT	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JUN-OCT - JAN-DEC MAR-NOV MAR-JUN APR-NOV JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DEC MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT OCT-MAY JAN-DEC MAR-OCT OCT-MAY JAN-DEC MAR-NOV APR-NOV
RAR# 181 251 MARI	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch Spot Spotted hake Spotted seatrout Striped bass Striped killifish Summer flounder Tautog Threadfin shad Weakfish RTEBRATE: Species Blue crab Eastern oyster NE MAMMAL:	LOW-MED	X X X X X X X X X X X X X X X X X X X	APR-SEP - MAY-SEP APR-MAY APR-AUG APR-AUG MAY-JUN MAY-AUG MAY-JUL JUL-NOV APR-MAY APR-SEP APR-AUG APR-AUG Spawning - JUN-SEP	APR-SEP MAY-SEP	APR-OCT - MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JAN-DEC MAR-NOV MAR-JUN APR-NOV JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DEC MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT MAR-OCT MAR-OCT OCT-MAY JAN-DEC MAR-NOV APR-NOV
RAR# 181 251 MARI	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch Spot Spotted seatrout Striped bass Striped killifish Summer flounder Tautog Threadfin shad Weakfish RTEBRATE: Species Blue crab Eastern oyster	LOW-MED S F Conc.	X X X X X X X X X X X X X X X X X X X	APR-SEP - MAY-SEP APR-MAY APR-AUG APR-AUG MAY-JUN MAY-AUG MAY-JUL JUL-NOV APR-MAY APR-SEP APR-AUG APR-AUG Spawning - JUN-SEP	APR-SEP MAY-SEP	APR-OCT	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JAN-DEC MAR-NOV MAR-JUN APR-NOV JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DEC MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT OCT-MAY JAN-DEC MAR-OCT OCT-MAY JAN-DEC MAR-NOV APR-NOV
RAR# 181 251 MARI RAR#	Gobies Harvestfish Hickory shad Hogchoker Inland silverside Minnows Mummichog Northern kingfish Northern pipefish Northern puffer Northern searobin Red drum Red hake Sandbar shark Scup (porgy) Silver hake Silver perch Spot Spotted hake Spotted seatrout Striped bass Striped killifish Summer flounder Tautog Threadfin shad Weakfish RTEBRATE: Species Blue crab Eastern oyster NE MAMMAL: Species	LOW-MED S F Conc.	X X X X X X X X X X X X X X X X X X X	APR-SEP - MAY-SEP APR-MAY APR-AUG APR-AUG MAY-JUN MAY-AUG MAY-JUL JUL-NOV APR-MAY APR-MAY APR-SEP APR-AUG Spawning - JUN-SEP Mating	APR-SEP MAY-SEP	APR-OCT - MAY-SEP	JAN-DEC JUL-OCT NOV-MAR JAN-DEC JAN-DEC JAN-DEC JAN-DEC MAR-OCT - AUG-SEP FEB-MAY MAY-OCT JAN-DEC MAR-NOV MAR-JUN APR-NOV JAN-DEC	JAN-DEC APR-OCT JAN-JUN JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DEC MAR-OCT MAY-NOV FEB-MAY SEP-NOV MAY-OCT MAR-OCT OCT-MAY JAN-DEC MAR-OCT OCT-MAY JAN-DEC MAR-NOV APR-NOV

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 80 (cont.)

BIOLOGICAL RESOURCES: (cont.)

REPTILE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Hatching	Internesting	Juveniles	Adults
39	Green sea turtle	T T	X X X X X X	-	-	-	MAY-NOV	-
	Kemp's ridley sea turtle Leatherback sea turtle	E E E E	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	_	_	_	MAY-NOV -	- MAY-NOV
	Loggerhead sea turtle	TT	XXXXXXX	-	_	_	MAY-NOV	-
227	Diamondback terrapin	VERY HIGH	X X X X X X X X X	MAY-JUL	_		MAR-NOV	MAR-NOV