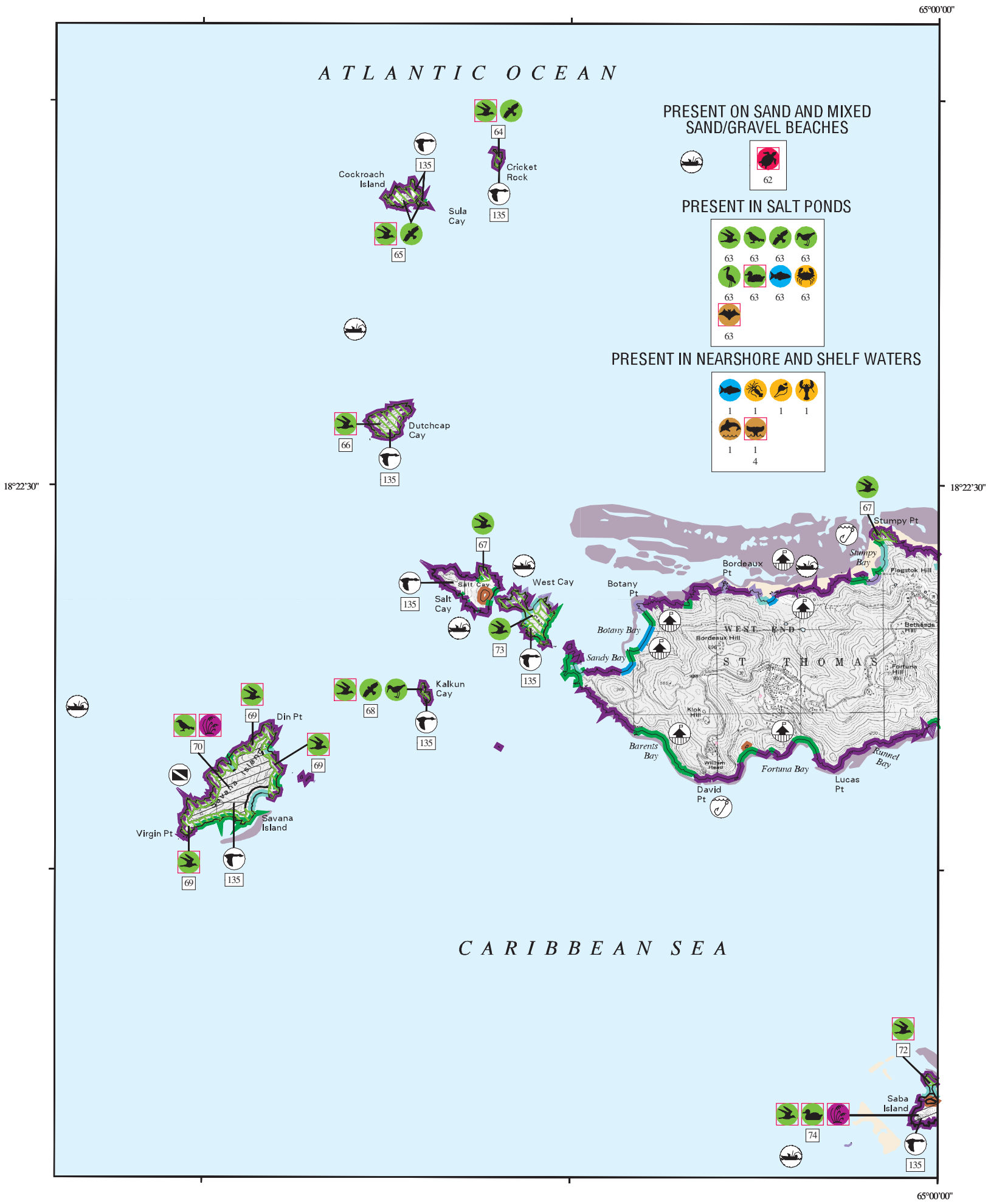
ENVIRONMENTAL SENSITIVITY INDEX MAP



SHORELINE HABITATS (ESI)

- 1A EXPOSED ROCKY CLIFFS
- 1B EXPOSED, SOLID MAN–MADE STRUCTURES
- 2A EXPOSED WAVE–CUT PLATFORMS IN BEDROCK
- 3A FINE– TO MEDIUM–GRAINED SAND BEACHES
- 4 COARSE–GRAINED SAND BEACHES
- 5 MIXED SAND AND GRAVEL BEACHES
- 6A GRAVEL BEACHES
- 6B RIPRAP
- 7 EXPOSED TIDAL FLATS
- 8A SHELTERED ROCKY SHORES
- 8B SHELTERED, SOLID MAN–MADE STRUCTURES
- 9A SHELTERED TIDAL FLATS
- 9B SHELTERED VEGETATED LOW BANKS
- 10D MANGROVES
- SALT– AND BRACKISH–WATER MARSHES
- FRESHWATER MARSHES
- FRESHWATER SWAMPS
- FRESHWATER SCRUB/SHRUB

N W E S

SCALE 1:55000

1 .5 0 1 KILOMETER

1 .5 0 1 MILE

Not For Navigation

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Office of Response and Restoration
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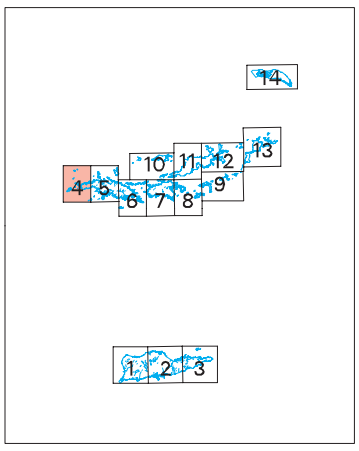

WESTERN ST. THOMAS, V.I. (1982)

VI-4

VIRGIN ISLANDS - ESIMAP 4

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S/F	T/E	Conc	J	F	M	A	M	J	J	A	S	O	N	D	Nesting
63	American coot				X	X	X	X	X	X	X	X	X	X	X	X	-
	Belted kingfisher				X	X	X	X					X	X	X	X	-
	Black-necked stilt							X	X	X	X	X	X	X			APR-OCT
	Blue-winged teal				X	X	X	X						X	X	X	-
	Caribbean coot	S	E		X	X	X	X	X	X	X	X	X	X	X	X	-
	Common moorhen				X	X	X	X	X	X	X	X	X	X	X	X	-
	Gulls				X	X	X	X	X	X	X	X	X	X	X	X	-
	Magnificent frigatebird				X	X	X	X	X	X	X	X	X	X	X	X	-
	Osprey				X	X	X	X					X	X	X	X	-
	Passerine birds				X	X	X	X	X	X	X	X	X	X	X	X	-
	Ruddy duck	S	E		X	X	X	X	X	X	X	X	X	X	X	X	-
	Shorebirds				X	X	X	X	X			X	X	X	X	X	-
	Terns				X	X	X	X	X	X	X	X	X	X	X	X	-
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	-
	White-cheeked pintail	S	E		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC
	Wilson's plover				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL
64	Bridled tern			30-50				X	X	X	X	X					MAY-AUG
	Brown booby			<5	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC
	Brown noddy			20	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG
	Masked (blue-faced) booby			POTENTIAL	X	X	X	X	X	X	X	X	X	X	X	X	OCT-MAY
	Peregrine falcon				X	X	X	X	X					X	X	X	-
	Red-billed tropicbird			5-15	X	X	X	X	X	X				X	X	X	OCT-JUN
	Roseate tern	S/F	E/T					X	X	X	X	X	X				MAY-AUG
65	Audubon's shearwater	S	E	5-25	X	X	X	X	X							X	DEC-MAY
	Bridled tern			10-30				X	X	X	X	X					MAY-AUG
	Brown booby			150-200	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC
	Brown noddy			25-50	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG
	Laughing gull							X	X	X	X	X	X				JUN-AUG
	Masked (blue-faced) booby			40-60	X	X	X	X	X	X	X	X	X	X	X	X	OCT-MAY
	Peregrine falcon				X	X	X	X	X					X	X	X	-
	Red-billed tropicbird			100-125	X	X	X	X	X	X				X	X	X	OCT-JUN
	White-tailed tropicbird	S	E				X	X	X	X	X	X					MAR-AUG
66	Bridled tern							X	X	X	X	X					MAY-AUG
	Brown booby			150-200	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC
	Brown noddy				X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG
	Brown pelican	S/F	E/E	100-200	X	X	X	X	X	X	X	X	X	X	X	X	AUG-FEB
	Red-billed tropicbird			10-20	X	X	X	X	X	X				X	X	X	OCT-JUN
	Red-footed booby			125-175	X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT
	White-tailed tropicbird	S	E				X	X	X	X	X	X					MAR-AUG
67	Seabirds			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-
68	American oystercatcher				X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG
	Bridled tern			10-20				X	X	X	X	X					MAY-AUG
	Brown booby			60-90	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC
	Brown noddy			10-20	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG
	Peregrine falcon				X	X	X	X	X					X	X	X	-
	Red-billed tropicbird			5-10	X	X	X	X	X	X				X	X	X	OCT-JUN
	Roseate tern	S/F	E/T	50-350				X	X	X	X	X	X				MAY-AUG
69	Red-billed tropicbird			HIGH	X	X	X	X	X	X				X	X	X	OCT-JUN
	White-tailed tropicbird	S	E	LOW				X	X	X	X	X	X				MAR-AUG
70	Scaly-naped pigeon				X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC
	White-crowned pigeon	S	E		X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP
72	Bridled tern			25-50				X	X	X	X	X					MAY-AUG
	Brown noddy			25-50	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG
	Laughing gull			200-400				X	X	X	X	X	X				JUN-AUG
	Roseate tern	S/F	E/T					X	X	X	X	X	X				MAY-AUG
	Royal tern			20-80	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG
	Sandwich tern			50-250	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG
	Sooty tern			50-200				X	X	X	X	X	X				APR-AUG
73	Red-billed tropicbird				X	X	X	X	X	X				X	X	X	OCT-JUN
74	Audubon's shearwater	S	E	<20	X	X	X	X	X							X	DEC-MAY
	Bridled tern			50-200				X	X	X	X	X	X				MAY-AUG
	Brown noddy			200-400	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG
	Laughing gull			100-200				X	X	X	X	X	X				JUN-AUG
	Roseate tern	S/F	E/T	20-400				X	X	X	X	X	X				MAY-AUG
	Sooty tern			30-40000				X	X	X	X	X	X				APR-AUG
	White-cheeked pintail	S	E		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC

FISH:

RAR#	Species	S/F	T/E	Conc	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
1	Pelagic fish				X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	Reef fish				X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
63	Common snook				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Great barracuda				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Mullet				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Nursery fish				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Tarpon				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-

PLANT:

RAR#	Species	S/F	T/E	Conc	J	F	M	A	M	J	J	A	S	O	N	D
70	Malpighia woodburyana	S	E		X	X	X	X	X	X	X	X	X	X	X	X
74	Mammilaria nivosa	S	E		X	X	X	X	X	X	X	X	X	X	X	X

INVERTEBRATE:

RAR#	Species	S/F	T/E	Conc	J	F	M	A	M	J	J	A	S	O	N	D	Spawn/Mate	Eggs	Larvae	Juveniles	Adults
1	Caribbean spiny lobster				X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	Octopus				X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	DEC-APR	-	JAN-DEC	JAN-DEC
	Queen conch				X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	APR-OCT	APR-OCT	JAN-DEC	JAN-DEC
63	Land crabs				X	X	X	X	X	X	X	X	X	X	X	X	JUL-AUG	JUL-AUG	JUL-SEP	JAN-DEC	JAN-DEC

MARINE MAMMAL:

RAR#	Species	S/F	T/E	Conc	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving
1	Dolphins				X	X	X	X	X	X	X	X	X	X	X	X	-	-
	Whales				X	X	X	X	X	X	X	X	X	X	X	X	-	-
4	Humpback whale	S/F	E/E	MODERATE	X	X	X	X	X					X	X	X	NOV-MAY	NOV-MAY

REPTILE:

RAR#	Species	S/F	T/E	Conc	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Hatching	Juveniles	Adults
62	Green sea turtle	S/F	E/T		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	Hawksbill sea turtle	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC

TERRESTRIAL MAMMAL:

RAR#	Species	S/F	T/E	Conc	J	F	M	A	M	J	J	A	S	O	N	D
63	Fisherman bat	S	E		X	X	X	X	X	X	X	X	X	X	X	X

HUMAN USE RESOURCES:

WILDLIFE REFUGE:

HUN#	Name	Owner/Manager	Contact	Phone
135	USVI WILDLIFE SANCTUARY	USVI DPNR	DIVISION OF FISH AND WILDLIFE	340/775-6762

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.