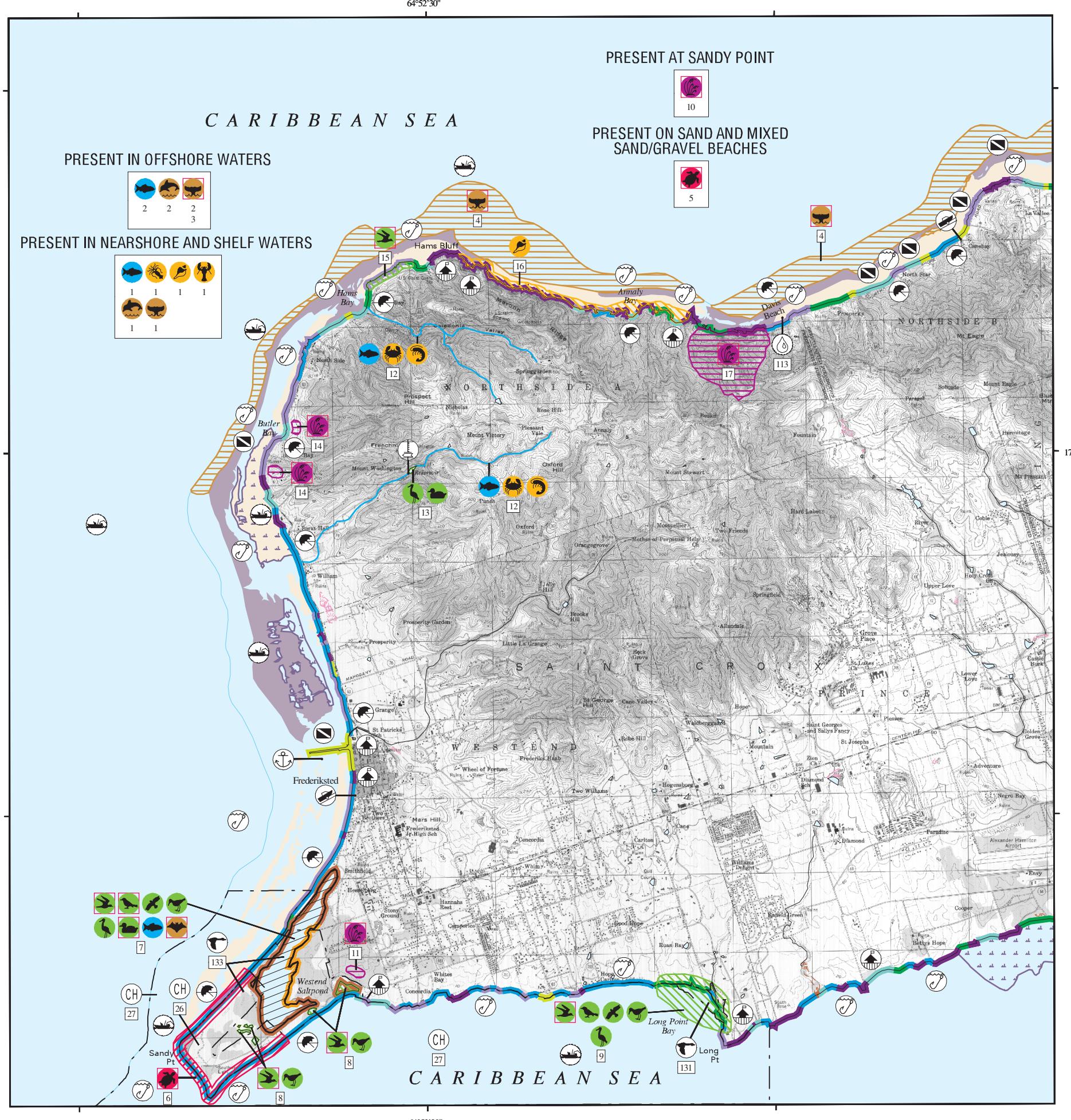


ENVIRONMENTAL SENSITIVITY INDEX MAP



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
- 10 MANGROVES
- SALT- AND BRACKISH-WATER MARSHES
- FRESHWATER MARSHES
- FRESHWATER SWAMPS
- FRESHWATER SCRUB/SHRUB

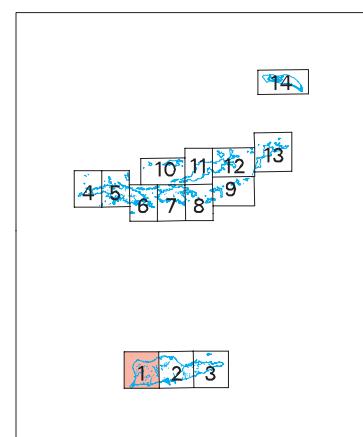


SCALE 1:55000

1 5 0 1 KILOMETER
1 .5 0 1 MILE

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FREDERIKSTED, V.I. (1982)

VI-1

VIRGIN ISLANDS - ESIMAP 1

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species		S/F	T/E	Conc	J	F	M	A	M	J	J	A	S	O	N	D	Nesting
7	Black-necked stilt					X	X	X	X	X	X	X						APR-OCT
	Brown booby					X	X	X	X	X	X	X	X	X	X	X		-
	Brown pelican					X	X	X	X	X	X	X	X	X	X	X		-
	Greater flamingo					X	X	X	X	X	X	X	X	X	X	X		-
	Gulls					X	X	X	X	X	X	X	X	X	X	X		-
	Least grebe		S	E		X	X	X	X	X	X	X	X	X	X	X		-
	Least tern		S	E		X	X	X	X	X	X	X	X	X	X	X		MAY-AUG
	Magnificent frigatebird					X	X	X	X	X	X	X	X	X	X	X		-
	Neotropical migrants					X	X	X					X	X	X			-
	Peregrine falcon					X	X	X	X				X	X	X			-
	Shorebirds					X	X	X	X				X	X	X	X		-
	Terns					X	X	X	X	X	X	X	X	X	X	X		-
	Wading birds					X	X	X	X	X	X	X	X	X	X	X		APR-JUL
	White-crowned pigeon		S	E		X	X	X	X	X	X	X	X	X	X	X		-
	Wilson's plover					X	X	X	X	X	X	X	X	X	X	X		MAR-JUL
8	Black-necked stilt					X	X	X	X	X	X	X	X	X	X	X		APR-OCT
	Least tern		S	E		X	X	X	X	X	X	X	X	X	X	X		MAY-AUG
	Wilson's plover					X	X	X	X	X	X	X	X	X	X	X		MAR-JUL
9	Black-necked stilt				POTENTIAL	X	X	X	X	X	X	X	X	X	X	X		APR-OCT
	Brown pelican		S/F	E/E		X	X	X	X	X	X	X	X	X	X	X		-
	Gulls				POTENTIAL	X	X	X	X	X	X	X	X	X	X	X		-
	Least tern		S	E	POTENTIAL	X	X	X	X	X	X	X	X	X	X	X		MAY-AUG
	Neotropical migrants				POTENTIAL	X	X	X					X	X	X			-
	Peregrine falcon				POTENTIAL	X	X	X	X				X	X	X			-
	Shorebirds				POTENTIAL	X	X	X	X				X	X	X	X		-
	Terns				POTENTIAL	X	X	X	X	X	X	X	X	X	X	X		-
	Wading birds				POTENTIAL	X	X	X	X	X	X	X	X	X	X	X		-
	Wilson's plover				POTENTIAL	X	X	X	X	X	X	X	X	X	X	X		MAR-JUL
13	Common moorhen					X	X	X	X	X	X	X	X	X	X	X		-
	Pied-billed grebe					X	X	X	X	X	X	X	X	X	X	X		-
	Sora					X	X	X					X	X	X			-
15	Brown pelican		S/F	E/E	POTENTIAL	X	X	X	X	X	X	X	X	X	X	X		AUG-FEB
	Magnificent frigatebird				POTENTIAL	X	X	X	X	X	X	X	X	X	X	X		OCT-MAY

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
2	Pelagic fish	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
7	Mangrove molly	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
12	Native stream fish	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY	APR-MAY	APR-MAY	JAN-DEC	JAN-DEC
																	AUG-NOV	AUG-NOV	AUG-NOV		

PLANT:

INVERTEBRATE

INVERTEBRATE		S/F	T/E	Conc	J	F	M	A	M	J	J	A	S	O	N	D	Spawn/Mate	Eggs	Larvae	Juveniles	Adults
RAR# Species		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 Caribbean spiny lobster					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	DEC-MAR	DEC-APR	-	JAN-DEC	JAN-DEC	
Queen conch					X	X	X	X	X	X	X	X	X	X	X	APR-OCT	APR-OCT	APR-OCT	JAN-DEC	JAN-DEC	
12 Freshwater crab					X	X	X	X	X	X	X	X	X	X	X	APR-MAY	APR-MAY	-	JAN-DEC	JAN-DEC	
Native stream shrimp																AUG-NOV	AUG-NOV				
					X	X	X	X	X	X	X	X	X	X	X	APR-MAY	APR-MAY	APR-MAY	JAN-DEC	JAN-DEC	
																AUG-NOV	AUG-NOV	AUG-NOV			
16 West Indian topsnail (whelk)		HIGH			X	X	X	X	X	X	X	X	X	X	X	-	-	-	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	-	-	-		
	Whales				X	X	X	X	X	X	X	X	X	-	-	-		
2	Dolphins				X	X	X	X	X	X	X	X	X	-	-	-		
	Whales				X	X	X	X	X	X	X	X	X	-	-	-		
3	Sperm whale	S/F	E/E	LOW	X	X	X	X	X	X	X	X	X	-	-	-		
4	Humpback whale	S/F	E/E	MODERATE	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
5	Green sea turtle	S/F	E/T		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	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	
6	Green sea turtle	S/F	E/T	HIGH	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	HIGH	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	
	Leatherback sea turtle	S/F	E/E	VERY HIGH	X	X	X	X	X	X	X					MAR-JUL	MAY-SEP	MAY-SEP	MAR-AU	

TERRESTRIAL MAMMAL:

HUMAN USE RESOURCES:

CRITICAL HABITAT:

HUN#	Name	Owner/Manager	Contact	Phone
26	LEATHERBACK TURTLE DCH	USFWS NMFS	CARIBBEAN FIELD OFFICE MAYAGUEZ FIELD OFFICE	787/851-7297 787/921-3426
27	LEATHERBACK TURTLE DCH			

WATER INTAKE:

HUN#	Name	Owner/Manager	Contact	Phone
113	DESMALINATION PLANT	CARAMBOLA RESORT		

WILDLIFE REFUGE:

HUN#	Name	Owner/Manager	Contact	Phone
131	LONG POINT PRESERVE	TNC		

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.