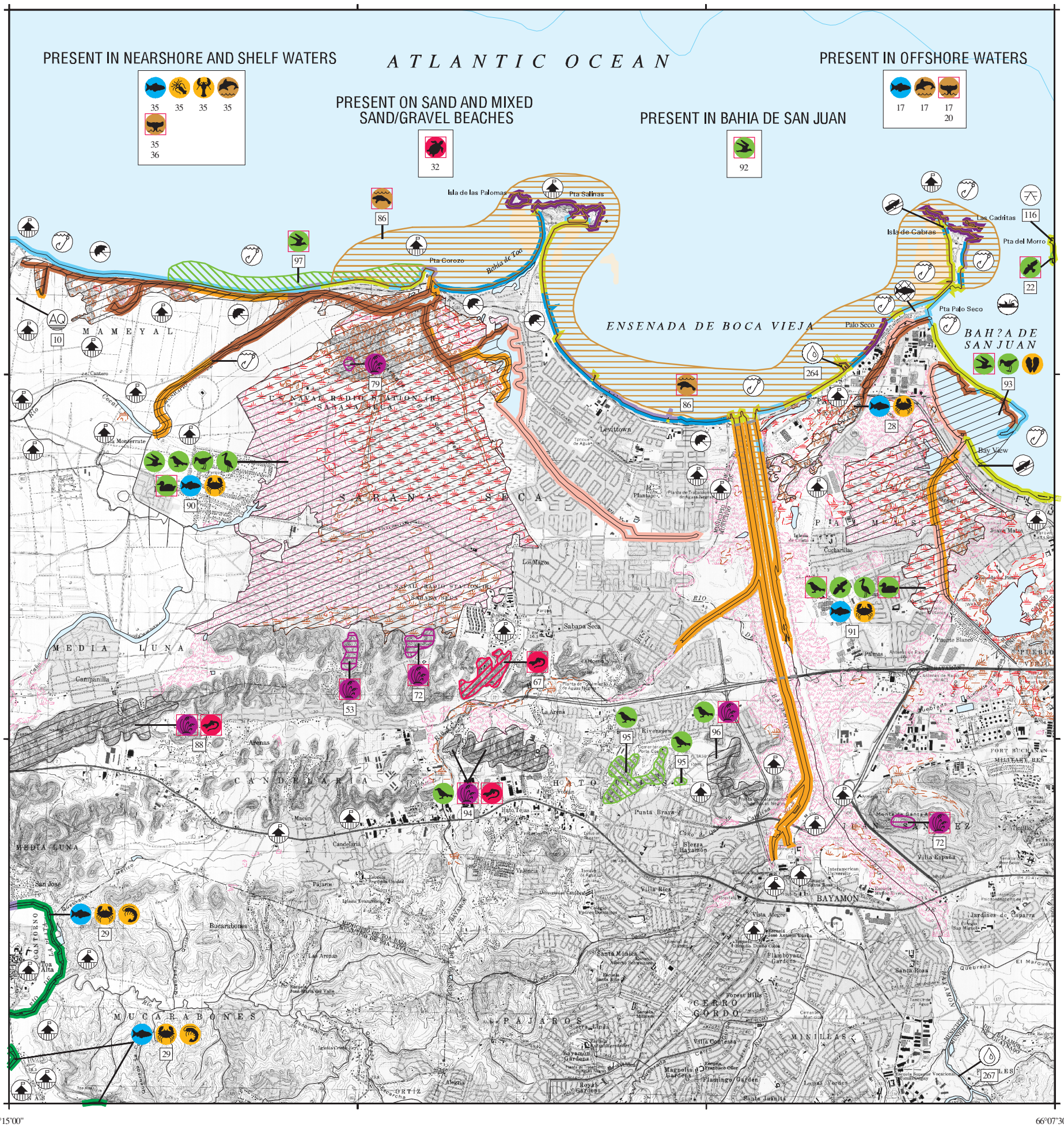
ENVIRONMENTAL SENSITIVITY INDEX MAP


66°15'00"
66°07'30"
18°30'00"
18°22'30"
PRESENT IN NEARSHORE AND SHELF WATERS
35 35 35 35
35
36
ATLANTIC OCEAN
PRESENT ON SAND AND MIXED SAND/GRAVEL BEACHES
32
PRESENT IN BAHIA DE SAN JUAN
92
PRESENT IN OFFSHORE WATERS
17 17 17
20
Isla de las Palomas
Pta Salinas
Pta Corozo
Bahía de Toa
Las Cadritas
Isla de Cabras
Pta del Morro
Pta Palo Seco
Palo Seco
ENSENADA DE BOCA VIEJA
BAHÍA DE SAN JUAN
MAMEYAL
U.S. NAVAL RADIO STATION (IR)
SABANA SECA
Levittown
Bay View
PALMAS
Cucharillas
Juana Matos
Los Macos
Sabana Seca
MEDIA LUNA
Campanilla
Arenas
CANDELARIA
HATO REY
Riverview
Punta Brava
Sierra Bayamón
Villa España
BAYAMÓN
Candelaria
Valencia
Villa Rica
Vista Alegre
Jardines de Caparra
Bucarabones
Santa Mónica
Santa Rosa
Forest Hills
CERRO GORDO
MUCARABONES
PAJAROS
Sierra Linda
Villa Contessa
MINILLAS
Bayamón Gardens
Magnolia Gardens
Flamingo Garden
Royal Gardens
Santa Juanita
Lomas Verdes
Toa Alta
Toa Baja
Cantera
Montserrate
Pueblo Viejo
Fort Buchanan Military Res.
Quebrada
Río
Canal
Carretera
Ferrocarril
Aeropuerto
Cementerio
Iglesia
Escuela
Hospital
Universidad
Parque
Tanque de Agua
Planta de Tratamiento de Aguas Negras
Planta de Tratamiento de Aguas Negras
Antenas de Radio
Muelle
Puente
Pueblo
Municipio
Barrio
Urbanización
Cabo
Punta
Isla
Playa
Pantano
Cano
Cerro
Loma
Valle
Sector
Calle
Avenida
Carretera
Ferrocarril
Aeropuerto
Cementerio
Iglesia
Escuela
Hospital
Universidad
Parque
Tanque de Agua

PUERTO RICO - ESIMAP 11

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S/F	T/E	Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting
22	Peregrine falcon	S	E		X	X	X	X						X	X	X	-
90	Blue-winged teal			LOW	X	X	X	X						X	X	X	-
	Common moorhen			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-
	Common snipe			HIGH	X	X	X	X						X	X	X	-
	Magnificent frigatebird				X	X	X	X	X	X	X	X	X	X	X	X	-
	Pied-billed grebe			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-
	Shorebirds			MEDIUM	X	X	X	X	X			X	X	X	X	X	-
	Wading birds			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-
	West Indian whistling-duck	S	T	MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-
	White-cheeked pintail			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-
	White-crowned pigeon				X	X	X	X	X	X	X	X	X	X	X	X	-
91	American coot			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-
	Blue-winged teal			MEDIUM	X	X	X	X						X	X	X	-
	Caribbean coot	S	T	HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-
	Common moorhen			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-
	Osprey			LOW	X	X	X	X					X	X	X	X	-
	Pied-billed grebe			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-
	Ruddy duck	S	T	HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-
	Wading birds			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-
	West Indian whistling-duck	S	T	HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-
	White-cheeked pintail			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-
	Yellow-shouldered blackbird	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP
92	Brown pelican	S/F	E/E		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	-
	Terns							X	X	X	X	X	X	X			-
93	Brown pelican	S/F	E/E	HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-
	Royal tern			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-
	Sandwich tern			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-
	Shorebirds			MEDIUM	X	X	X	X	X			X	X	X	X	X	-
94	White-crowned pigeon			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP
95	White-crowned pigeon			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP
96	White-crowned pigeon			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP
97	Brown pelican	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X	-

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
17	Pelagic fish				X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
28	Nursery fish				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Snook				X	X	X	X	X	X	X	X	X	X	X	X	APR-FEB	APR-FEB	JAN-DEC	JAN-DEC	JAN-DEC
	Tarpon				X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-DEC	JAN-DEC	JAN-DEC
29	Native stream fish				X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY AUG-NOV	APR-MAY AUG-NOV	APR-MAY AUG-NOV	JAN-DEC	JAN-DEC
35	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
90	Nursery fish				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Snook				X	X	X	X	X	X	X	X	X	X	X	X	APR-FEB	APR-FEB	JAN-DEC	JAN-DEC	JAN-DEC
	Tarpon				X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-DEC	JAN-DEC	JAN-DEC
91	Nursery fish				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Snook				X	X	X	X	X	X	X	X	X	X	X	X	APR-FEB	APR-FEB	JAN-DEC	JAN-DEC	JAN-DEC
	Tarpon				X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-DEC	JAN-DEC	JAN-DEC

PLANT:

RAR#	Species	S/F	T/E	Conc.	J	F	M	A	M	J	J	A	S	O	N	D
53	Daphnopsis hellerana	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X
72	Ottoschulzia rhodoxylon	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X
79	Pterocarpus swamp				X	X	X	X	X	X	X	X	X	X	X	X
88	Daphnopsis hellerana	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X
	Ottoschulzia rhodoxylon	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X
94	Buxus vahlii	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X
96	Buxus vahlii	S/F	E/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	Spawning	Eggs	Larvae	Juveniles	Adults
28	Blue land crab				X	X	X	X	X	X	X	X	X	X	X	X	JUL-AUG	JUL-AUG	JUL-SEP	JAN-DEC	JAN-DEC
29	Freshwater crab				X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY AUG-NOV	APR-MAY AUG-NOV	-	JAN-DEC	JAN-DEC
	Native stream shrimp				X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY AUG-NOV	APR-MAY AUG-NOV	APR-MAY AUG-NOV	JAN-DEC	JAN-DEC
35	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
90	Blue land crab				X	X	X	X	X	X	X	X	X	X	X	X	JUL-AUG	JUL-AUG	JUL-SEP	JAN-DEC	JAN-DEC
91	Blue land crab				X	X	X	X	X	X	X	X	X	X	X	X	JUL-AUG	JUL-AUG	JUL-SEP	JAN-DEC	JAN-DEC
93	Quahog (hard clam)				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	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
17	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	-	-
20	Sperm whale	S/F	E/E	HIGH	X	X	X	X	X	X	X		X	X	X	X	-	-
35	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	-	-
36	Humpback whale	S/F	E/E	VERY HIGH	X	X	X	X	X					X	X		-	-
86	West Indian manatee	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC

REPTILE:

RAR#	Species	S/F	T/E	Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Hatching	Internesting	Juveniles	Adults
32	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
	Leatherback sea turtle	S/F	E/E			X	X	X	X	X	X	X	X				FEB-JUN	APR-SEP	-	APR-SEP	FEB-JUN
67	Puerto Rican boa	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
88	Puerto Rican boa	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
94	Puerto Rican boa	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC

HUMAN USE RESOURCES:

HUN#	Name	Owner/Manager	Contact	Phone

AQUACULTURE:

HUN#	Name	Owner/Manager	Contact	Phone
10	EUREKA MARINE SHRIMP FARM	EUREKA MARINE PRODUCTS	A. GONZALEZ	

NATIONAL PARK:

HUN#	Name	Owner/Manager	Contact	Phone
116	SAN JUAN NATIONAL HISTORIC SITE	NPS	PARK MANAGER	787/729-6777

WATER INTAKE:

HUN#	Name	Owner/Manager	Location	Phone
264	POWER PLANT	PREPA		
267	GUAYNABO FILTER PLANT, BOMBA SANTA ROSA	PRASA	PR 833, KM 12.0	787/720-2211

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.