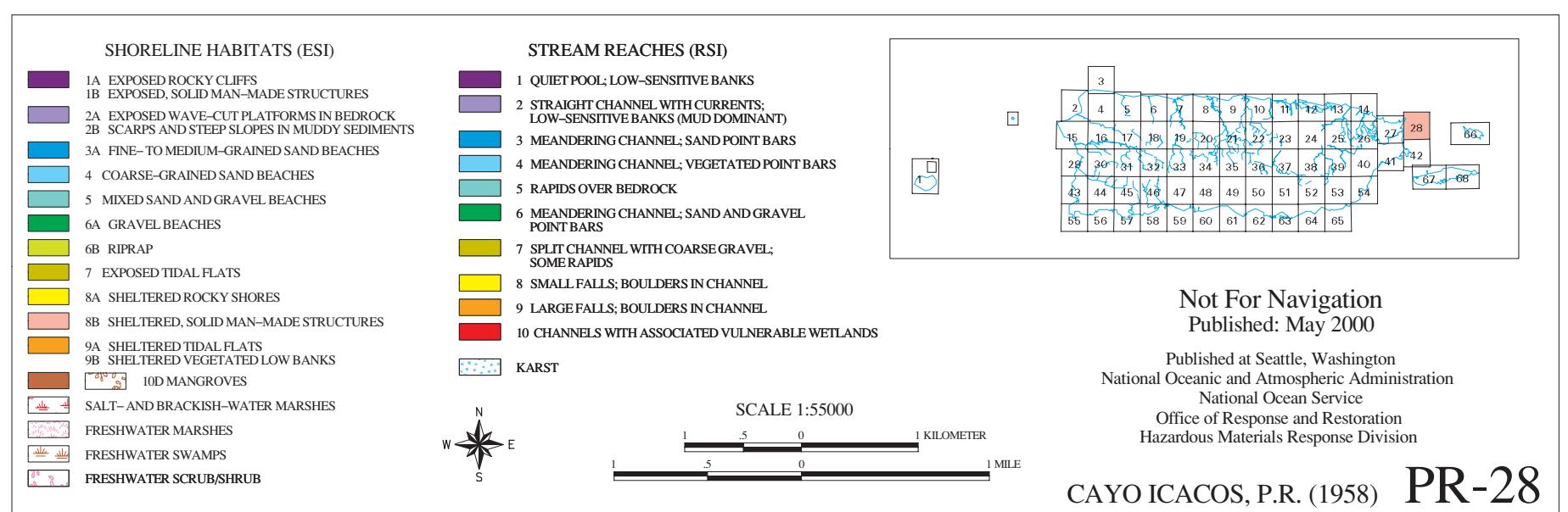
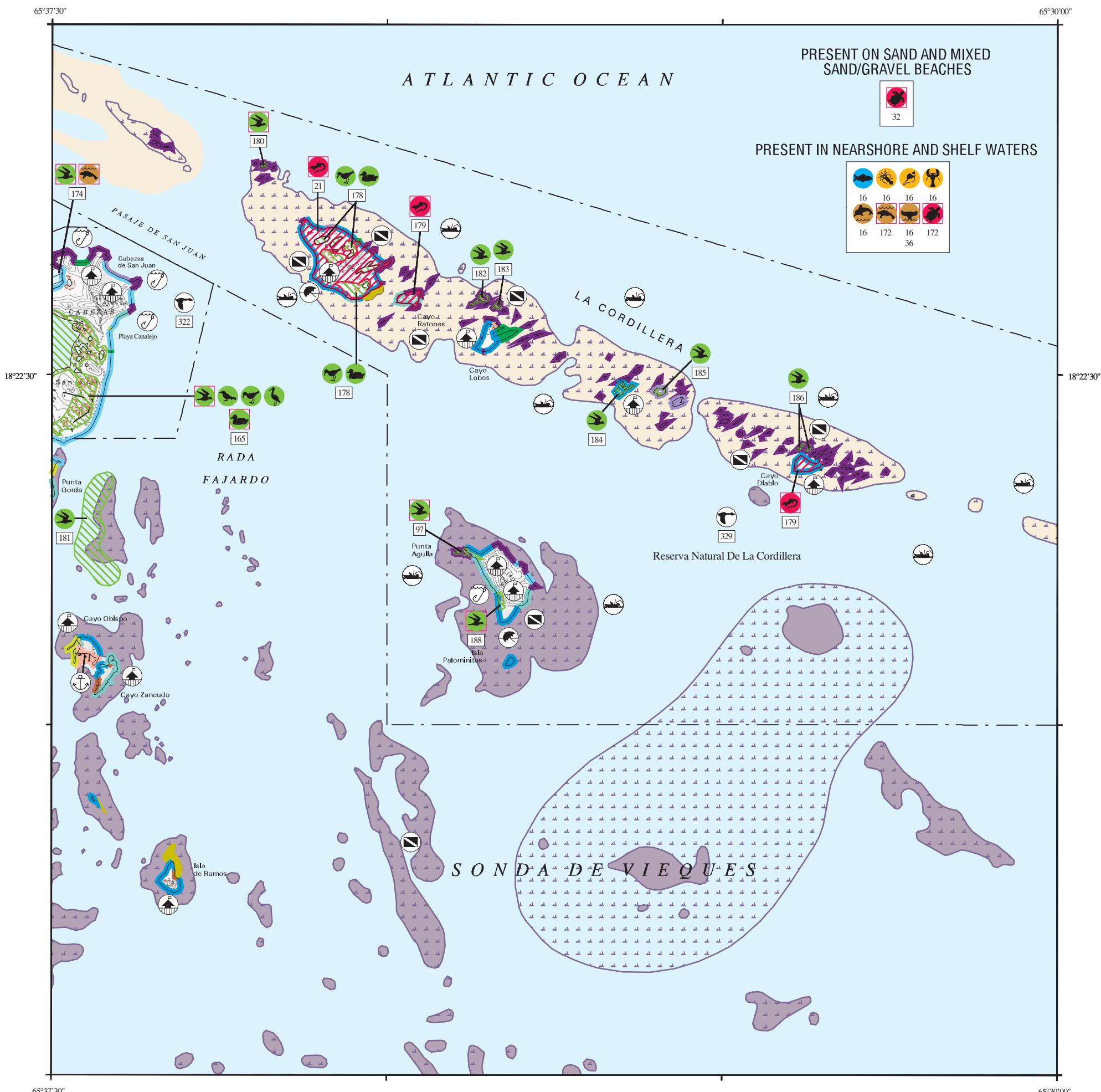


# ENVIRONMENTAL SENSITIVITY INDEX MAP



# PUERTO RICO - ESIMAP 28

## BIOLOGICAL RESOURCES:

### BIRD:

RAR# Species	S/F T/E Conc.	J F M A M J J A S O N D Nesting
97 Brown pelican	S/F E/E	X X X X X X X X X X X X X X -
165 Brown pelican	S/F E/E	X X 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 X X -
Magnificent frigatebird		X X X X X X X X X X X X X X -
Ruddy duck	S T	X X X X X X X X X X X X X X -
Shorebirds		X X 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 X X -
Waterfowl		X X X X X X X X X X X X X X -
White-cheeked pintail	HIGH	X X X X X X X X X X X X FEB-JUN
White-crowned pigeon		X X X X X X X X X X X X MAR-SEP
174 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 X X X X X -
178 Shorebirds	HIGH	X X X X X X X X X X X X FEB-JUN
White-cheeked pintail		X X X X X X X X X X X X -
180 Brown booby		X X X X X X X X X X X X -
Brown pelican	S/F E/E	X X X X X X X X X X X X -
181 Brown booby		X X X X X X X X X X X X -
182 Laughing gull		X X X X X X X X X X X X MAY-JUL
183 Magnificent frigatebird		X X X X X X X X X X X X -
184 Brown noddy		X X X X X X X X X X X X APR-AUG
Sooty tern		X X X X X X X X X X X X APR-AUG
185 Bridled tern		X X X X X X X X X X X X APR-JUL
Brown booby		X X X X X X X X X X X X MAR-JUN
Brown noddy		SEP-OCT
186 Sandwich tern	S T	X X X X X X X X X X X X APR-AUG
188 Least tern		X X X X X X X X X X X X MAY-JUL
Magnificent frigatebird		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
16 Pelagic fish		X X X X X X X X X X X X 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

### 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
16 Caribbean spiny lobster		X X X X X X X X X X X X 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
Queen conch		X X X X X X X X X X X X APR-OCT	APR-OCT	APR-OCT	JAN-DEC

### MARINE MAMMAL:

RAR# Species	S/F T/E Conc.	J F M A M J J A S O N D Spawning Eggs	Mating	Calving
16 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 X X X X X -	X X	-
172 West Indian manatee	S/F E/E	X X X X X X X X X X X X X X JAN-DEC	JAN-DEC	JAN-DEC
174 West Indian manatee	S/F E/E	X X X X X X X X X X X X X X JAN-DEC	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
21 Mabuya	S T	X X X X X X X X X X X X -	-	-	JAN-DEC	JAN-DEC
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 X X FEB-JUN	APR-SEP	-	APR-SEP	FEB-JUN
172 Green sea turtle	S/F E/T	X X X X X X X X X X X X -	-	-	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
179 Virgin Islands tree boa	S/F E/E	X X X X X X X X X X X X -	-	-	JAN-DEC	JAN-DEC

### HUMAN USE RESOURCES:

#### WILDLIFE REFUGE:

HUN# Name	Owner/Manager	Contact	Phone
322 RESERVA NATURAL CABEZAS DE SAN JUAN	DRNA/PRCT	DIVISION DE RESERVAS NATURALES Y REFUGIOS DE VIDA SILVESTRE	787/724-2816
329 RESERVA NATURAL DE LA CORDILLERA	DRNA	DIVISION DE RESERVAS NATURALES Y REFUGIOS DE VIDA SILVESTRE	787/724-2816

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.