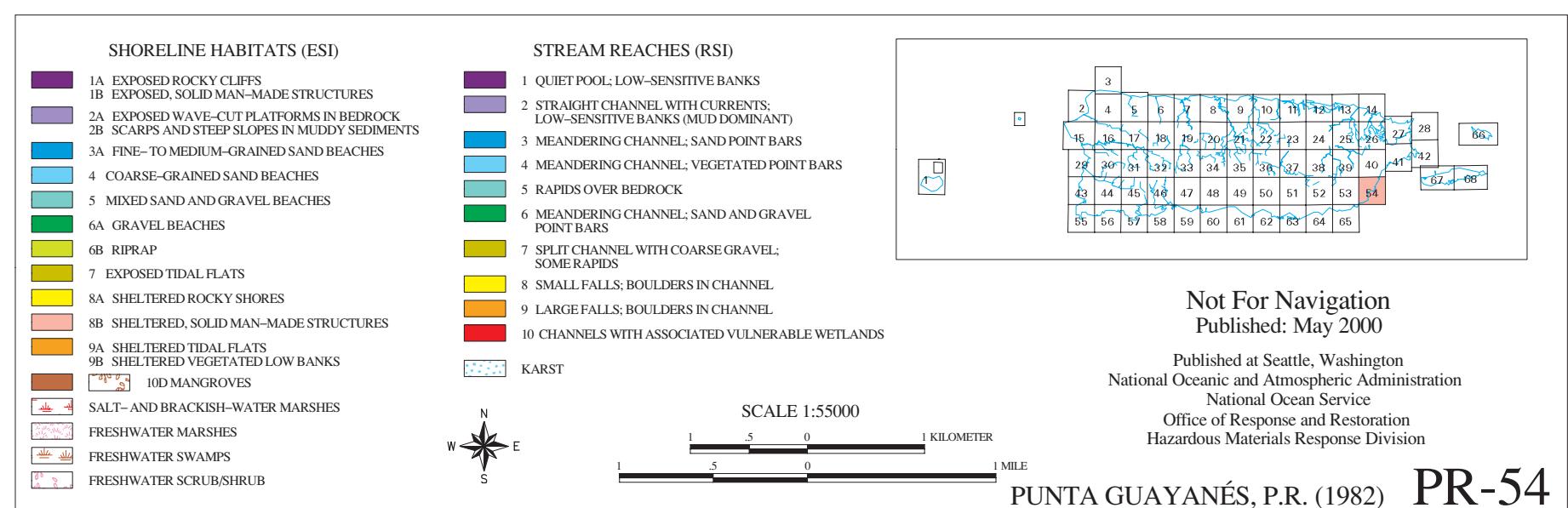
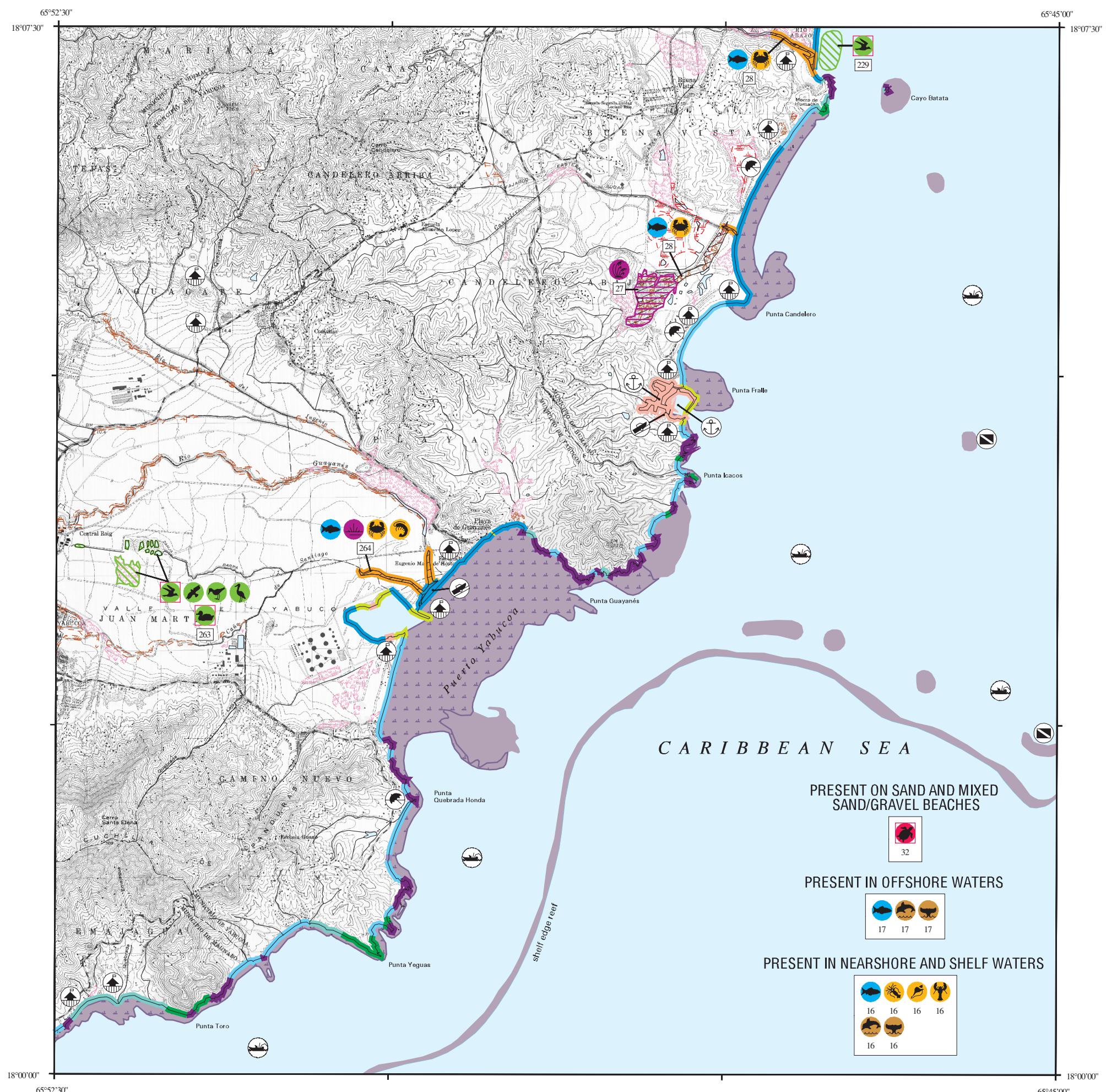


ENVIRONMENTAL SENSITIVITY INDEX MAP



PUERTO RICO - ESIMAP 54

BIOLOGICAL RESOURCES:

BIRD:

RAR# Species	S/F T/E Conc.	J F M A M J J A S O N D Nesting
229 Brown pelican	S/F E/E	X X X X X X X X X X X X X X X X -
263 American coot	MEDIUM	X X X X X X X X X X X X X X X X -
Blue-winged teal	MEDIUM	X X X X X X X X X X X X X X X X -
Brown pelican	S/F E/E HIGH	X X X X X X X X X X X X X X X X -
Caribbean coot	S T MEDIUM	X X X X 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 X X X X -
Common snipe	HIGH	X X X X X X X X X X X X X X X X -
Glossy ibis	LOW	X X X X X X X X X X X X X X X X -
Green-winged teal	LOW	X X X X X X X X X X X X X X X X -
Least grebe	S T LOW	X X X X X X X X X X X X X X X X -
Lesser scaup	LOW	X X X X X X X X X X X X X X X X -
Masked duck	S T LOW	X X X X X X X X X X X X X X X X -
Northern pintail	LOW	X X X X X X X X X X X X X X X X -
Osprey	LOW	X X X X X X X X X X X X X X X X -
Purple gallinule	HIGH	X X X X 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 X X X X -
Wading birds	HIGH	X X X X 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 X X X X -
White-cheeked pintail	HIGH	X X X X 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
17 Pelagic fish		X X X X X X X X X X X X 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
Tarpon		X X X X X X X X X X X X - - -	- - -	MAY-DEC	JAN-DEC
264 Native stream fish		X X X X X X X X X X X X - - -	- - -	APR-MAY	-
					AUG-NOV
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
Tarpon		X X X X X X X X X X X X - - -	- - -	MAY-DEC	JAN-DEC

PLANT:

RAR# Species	S/F T/E Conc.	J F M A M J J A S O N D
27 Pterocarpus swamp		X X X X X X X X X X X X
264 Floating aquatic vegetation		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
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	JAN-DEC	JAN-DEC
28 Blue land crab		X X X X X X X X X X X X JUL-AUG	JUL-AUG	JUL-SEP	JAN-DEC
264 Blue land crab		X X X X X X X X X X X X JUL-AUG	JUL-AUG	JUL-SEP	JAN-DEC
Native stream shrimp		X X X X X X X X X X X X - - -	- - -	APR-MAY	-
					AUG-NOV

MARINE MAMMAL:

RAR# Species	S/F T/E Conc.	J F M A M J J A S O N D 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 - - -	- - -
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 - - -	- - -

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 X X FEB-JUN	APR-SEP	-	APR-SEP	FEB-JUN

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.