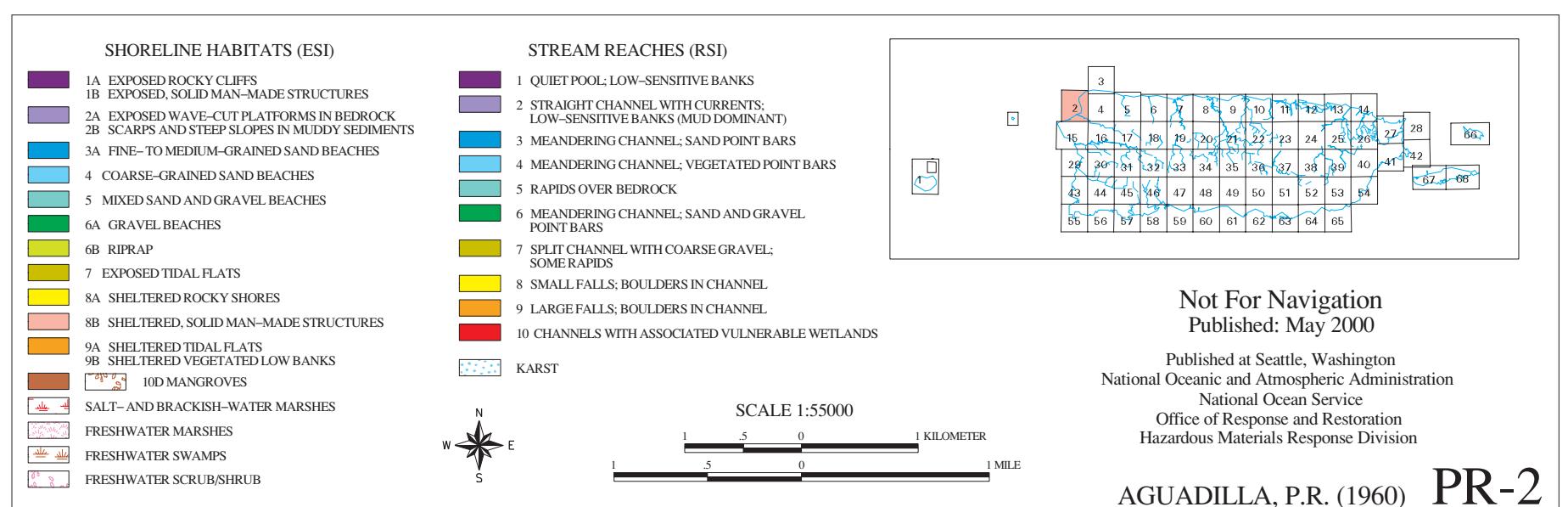
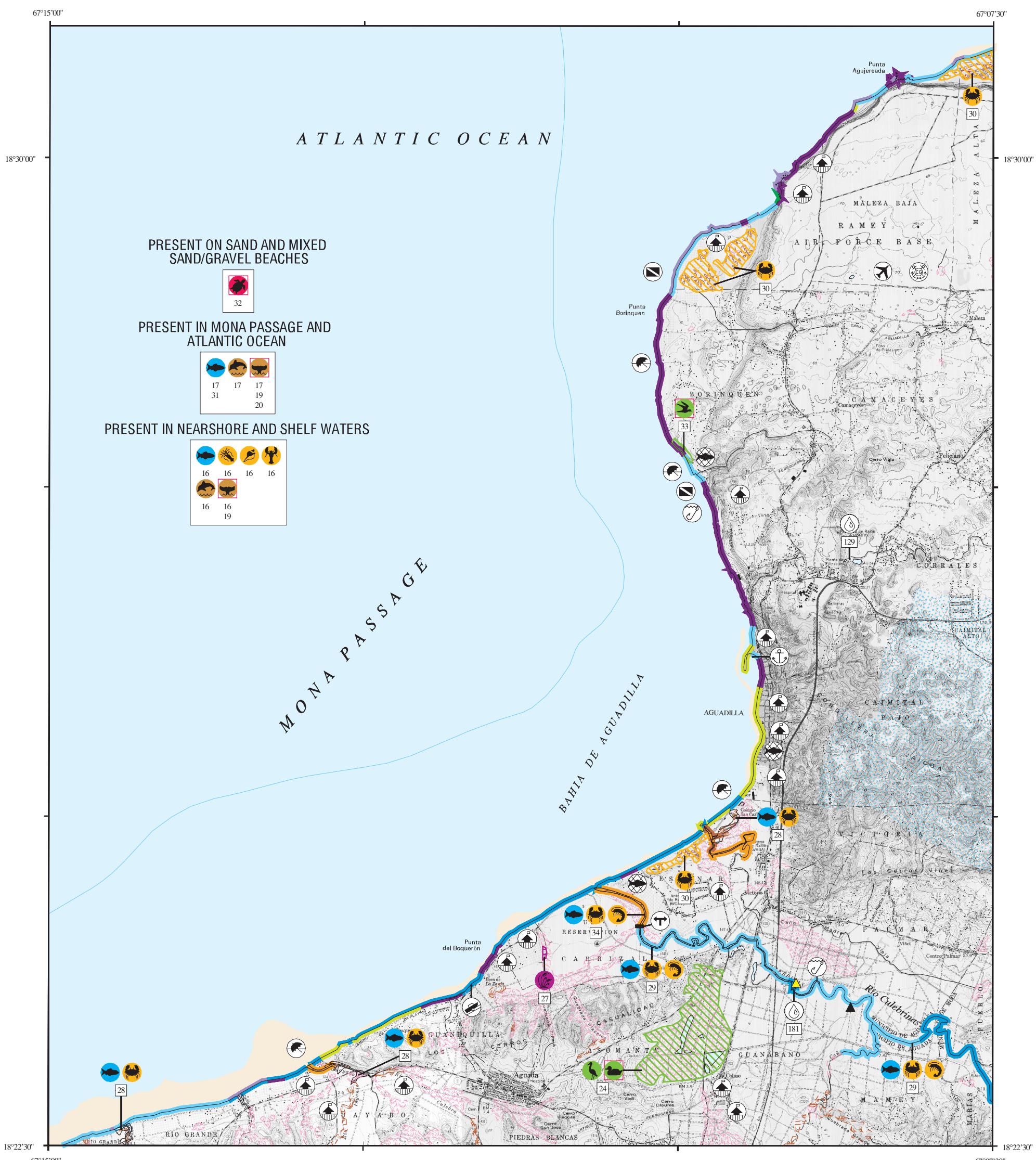


ENVIRONMENTAL SENSITIVITY INDEX MAP



PUERTO RICO - ESIMAP 2

BIOLOGICAL RESOURCES:

BIRD:

RAR# Species	S/F T/E Conc.	J F M A M J J A S O N D Nesting
24 American coot	LOW	X X X X X X X X X X X X X X X X -
Caribbean coot	S T LOW	X X X X X X X X X X X X X X X X -
Common moorhen	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 MAY-AUG
Pied-billed grebe	LOW	X X X X X X X X X X X X X X X X -
Purple gallinule	LOW	X X X X X X X X X X X X X X X X -
Ruddy duck	S T LOW	X X X X X X X X X X X X X X X X -
Wading birds	LOW	X X X X X X X X X X X X X X X X -
West Indian whistling-duck	S T LOW	X X X X X X X X X X X X X X X X JAN-DEC
33 Brown pelican	S/F E/E	X X X X 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
16 Pelagic fish		X X X X 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 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 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 X X X X JAN-DEC	JAN-DEC	JAN-DEC	-
Snook		X X X X 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 X X X X -	-	MAY-DEC	JAN-DEC
29 Native stream fish		X X X X X X X X X X X X X X X X APR-MAY	APR-MAY	APR-MAY	JAN-DEC
		AUG-NOV	AUG-NOV	AUG-NOV	JAN-DEC
31 Blue marlin	HIGH	X X X X X X X X X X MAY-NOV	MAY-NOV	MAY-NOV	MAY-NOV
34 Native stream fish		X X X X X X X X X X -	-	APR-MAY	-
Nursery fish		X X X X X X X X X X -	-	-	JAN-DEC
Snook		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 -	-	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 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 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 X X X X DEC-MAR	DEC-APR	-	JAN-DEC
Queen conch		X X X X X X X X X X X X X X X X APR-OCT	APR-OCT	APR-OCT	JAN-DEC
28 Blue land crab		X X X X X X X X X X X X X X X X JUL-AUG	JUL-AUG	JUL-SEP	JAN-DEC
29 Freshwater crab		X X X X X X X X X X X X X X X X APR-MAY	APR-MAY	-	JAN-DEC
Native stream shrimp		X X X X X X X X X X X X X X X X APR-MAY	APR-MAY	APR-MAY	JAN-DEC
		AUG-NOV	AUG-NOV	AUG-NOV	JAN-DEC
30 Blue land crab		X X X X X X X X X X X X X X X X JUL-AUG	JUL-AUG	JUL-SEP	JAN-DEC
34 Blue land crab		X X X X 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 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 X X X X -	-
Whales		X X X X 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 X X X X -	-
Whales		X X X X X X X X X X X X X X X X -	-
19 Humpback whale	S/F E/E VERY HIGH	X X X X X X X X NOV-MAY	NOV-MAY
20 Sperm whale	S/F E/E HIGH	X X X X 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 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 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

HUMAN USE RESOURCES:

WATER INTAKE:

HUN# Name	Owner/Manager	Location	Phone
129 AGUADILLA FILTER PLANT	PRASA	PR 459, KM 0.3	787/891-0520
181 CULEBRINAS DRINKING WATER INTAKE			

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.