

ENVIRONMENTAL SENSITIVITY INDEX MAP

145°40'00"

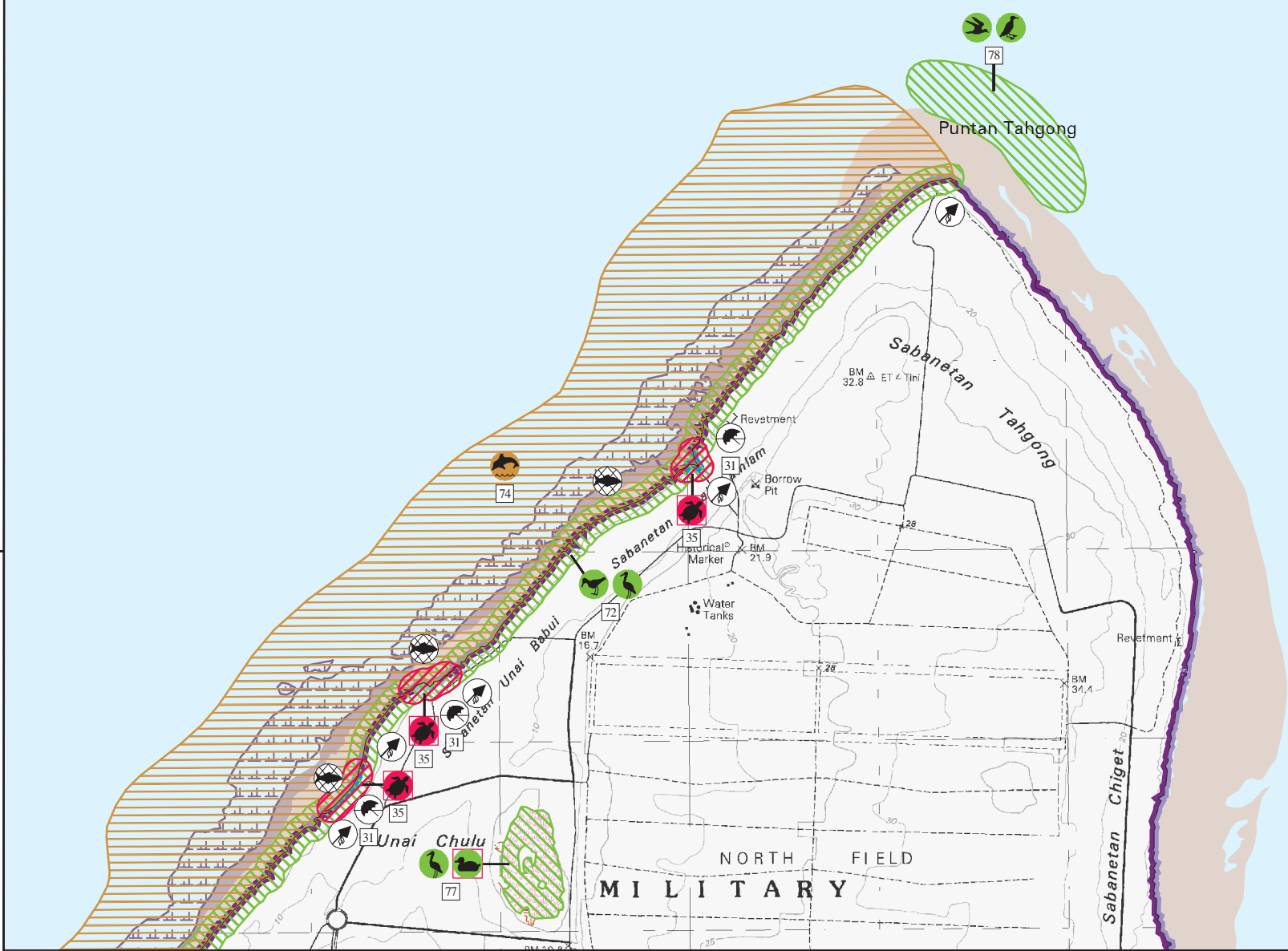
PHILIPPINE
SEA

15°07'30"

15°07'30"

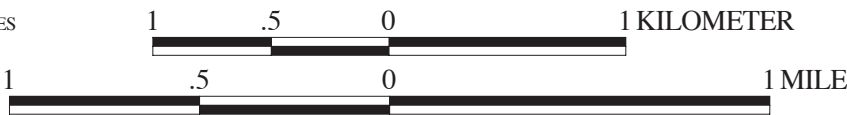
15°05'00"

15°05'00"



SHORELINE HABITATS (ESI)

- 1A EXPOSED ROCKY SHORES
- 1B EXPOSED, SOLID, MAN-MADE STRUCTURES
- 2A EXPOSED WAVE-CUT PLATFORMS
- 3A FINE-TO MEDIUM-GRAINED SAND BEACHES
- 5 MIXED SAND AND GRAVEL BEACHES
- 6A GRAVEL BEACHES
- 6B RIPRAP
- 8A SHELTERED ROCKY SHORES
- 8B SHELTERED, SOLID MAN-MADE STRUCTURES
- 8C SHELTERED RIPRAP
- 9B VEGETATED LOW BANKS
- 10A SALT- AND BRACKISH-WATER MARSHES
- 10B FRESHWATER MARSHES
- 10C SWAMP
- 10D SCRUB-SHRUB WETLANDS
- 10D MANGROVES

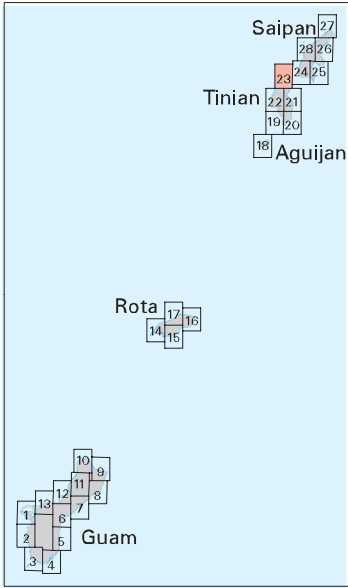


SCALE 1:32000

Not For Navigation

August 2005

Published at Seattle, Washington
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Response and Restoration
Hazardous Materials Response Division



TINIAN ESI-23

Guam and the Northern Mariana Islands: ESIMAP 23

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting
72	Common sandpiper		X	X	X							X	X	X	-	-	-
	Gray-tailed tattler		X	X	X							X	X	X	-	-	-
	Pacific reef-heron		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	-	-
	Ruddy turnstone		X	X	X							X	X	X	-	-	-
	Wandering tattler		X	X	X							X	X	X	-	-	-
	Whimbrel		X	X	X							X	X	X	-	-	-
77	Black-crowned night-heron		X	X	X							X	X	X	-	-	-
	Cattle egret		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Great egret		X	X	X							X	X	X	-	-	-
	Greater scaup		X	X	X							X	X	X	-	-	-
	Intermediate egret		X	X	X							X	X	X	-	-	-
	Little egret		X	X	X							X	X	X	-	-	-
	Mariana common moorhen	E E	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	-	-
	Northern pintail		X	X	X							X	X	X	-	-	-
	Pacific reef-heron		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	-	-
	Yellow bittern		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	-	-
78	Black noddy		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Boobies		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Brown noddy		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Frigatebirds		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	-	-	-

MARINE MAMMAL:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molting
74	Spinner dolphin		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-

REPTILE:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Hatching	Internesting	Juveniles	Adults
35	Green sea turtle	E T				X	X	X	X						APR-JUL	-	-	APR-JUL	APR-JUL

HUMAN USE RESOURCES:

BEACH:

HUN#	Name	Contact	Phone
31	RECREATIONAL BEACH		

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.