



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

TRENTON EAST QUADRANGLE
NEW JERSEY-PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NAD 83 BORDENTOWN 15' QUADRANGLE

DELAWARE, NEW JERSEY, & PENNSYLVANIA
SHORELINE TYPES

1	ROCKY HEADLANDS (NOT PRESENT)
2	ERODING BLUFFS
3	FINE SAND BEACHES
4	MEDIUM- TO COARSE-SAND BEACHES
5	MIXED SAND AND GRAVEL BEACHES
6A	GRAVEL BEACHES
6B	RIPRAP (BOULDER) STRUCTURES
7	EXPOSED TIDAL FLATS (SANDY)
8	RIVERINE BANKS WITH GRASSES OR TREES
9	SHELTERED TIDAL FLATS
10	MARSHES OR WETLANDS
(UNRANKED)	HARBOR STRUCTURES (PIERS, SEAWALLS, ETC.)

BIOLOGICAL FEATURES

	BIRDS		SHELLFISH		FISH
	GULLS OR TERNS		CLAMS		MARINE
	WADING BIRDS		OYSTERS		RIVERINE AND ANADROMOUS
	SHOREBIRDS		CRABS		FLATFISH
	WATERFOWL		LOBSTERS		

KEY TO WILDLIFE MARKERS

COLOR CODED = TYPES OF ORGANISMS
POINT LOCALITY
DOTS = SEASONALITY
SPRING (MAY), SUMMER (JULY), FALL (OCTOBER), WINTER (JANUARY)

SYMBOL = ECOLOGICAL TYPE
16 = NUMBER OF SPECIES (from regional lists)

SOCIOECONOMIC FEATURES

	MARINAS AND YACHT CLUBS		PARKS, RECREATIONAL AREAS, AND WILDLIFE REFUGES
	BOAT RAMPS		

SPILL-RESPONSE FEATURES

	BOOMS		OPEN WATER SKIMMERS
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SEE MAP #24
FOR SPECIES

ADJOINS MAP #30

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Red tint indicates areas in which only
landmark buildings are shown

Revisions shown in purple compiled by the Geological
Survey from aerial photographs taken 1970. This
information not field checked

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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

**ESI MAP
#31**

TRENTON EAST, N.J.-PA
NW 4 BORDENTOWN 15' QUADRANGLE
NAD 83 BORDENTOWN 15' QUADRANGLE

1957
PHOTOREVISED 1970
AMS 6064 II NW-SERIES V822