



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

KEY TO WILDLIFE MARKERS

COLOR CODED = TYPES OF ORGANISMS

RANGE

POINT LOCALITY

DOTS = SEASONALITY

SYMBOL = ECOLOGICAL TYPE

NUMBER = SPECIES (from regional lists)

SOCIOECONOMIC FEATURES

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

SPILL RESPONSE FEATURES

- BOOMS
- OPEN WATER SKIMMERS

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1000-meter Universal Transverse Mercator grid ticks,
zone 18, shown in blue

Revisions shown in purple compiled by the Geological Survey from
aerial photography taken 1972. This information not field checked

UTM GRID AND 1972 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

Purple tint indicates extension of urban areas



CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS 2 FEET IN INLAND WATERS
AND 3 FEET ALONG THE OCEAN

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ESI MAP
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BRIGANTINE INLET, N. J.

N 3922.5 - W 7415.7.5

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