



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
POINT LOCALITY
DOTS = SEASONALITY
SPRING (1001)
SUMMER (1002)
FALL (1003)
WINTER (1004)

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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Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked.
Red tint indicates areas in which only landmark buildings are shown.

SCALE 1:24,000
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 APPROXIMATELY 5.7 FEET

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 #23

BRIDGEPORT, N.J. - PA.
SE/4 CHESTER 15' QUADRANGLE
N3945-W7515/7.5

1967
AMS 5963 IV SE—SERIES V822