



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 (IMP.)
WATER (IMP.)

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 from aerial photographs
taken 1972. This information not field checked.
Purple tint indicates extension of urban areas

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
#3

FRANKFORD, DEL.
N 3830-W 7507.5/7.5
1955
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AMS F.61 II SW-SERIES V832