



DELAWARE, NEW JERSEY, & PENNSYLVANIA SHORELINE TYPES

Sensitivity

- 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	

SEE TO WILDLIFE MAPS FOR:

COLOR CODED = TYPES OF ORGANISMS

SYMBOL = ECOLOGICAL TYPE

16 = 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

DISTRIBUTED THROUGHOUT AREA

ADJOINS MAP #20

Mapped by the U. S. Coast & Geodetic Survey
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UTM GRID AND 1947 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24000

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWS REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 5.6 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20342
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ESI MAP #21

PENNS GROVE, N. J.—DEL.
N3937.5—W7522.5/7.5

1967

AMS 5963 III NW—SERIES V82*

Red tint indicates areas in which only landmark buildings are shown