



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
 RANGE →
 POINT LOCALITY →
 DOTS = SEASONALITY (LOCAL)
 SPRING (S) / FALL (F) / WINTER (W) / SUMMER (S)
 SYMBOL = ECOLOGICAL TYPE
 16 = NUMBER = 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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Mapped by U. S. Coast and Geodetic Survey
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 Geodetic Survey (S)
 Topography by photogrammetric methods from aerial photographs
 taken 1951 and 1952, and by planimetric surveys 1951
 Field checked 1953

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
 Red tint indicates areas in which only landmark buildings are shown
 Unchecked elevations are shown in brown

SCALE 1:24,000
 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
 1 0 1 2 3 4 5 6 7 8 9 10 KILOMETER
 CONTOUR INTERVAL 10 FEET
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 DEPTH CURVES AND SOUNDINGS IN FEET - DATUM IS MEAN LOW WATER
 THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
 SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
 THE MEAN RANGE OF TIDE IS APPROXIMATELY 1 FOOT IN INLAND WATERS
 AND 4 FEET ALONG THE OCEAN



ESI MAP #57

POINT PLEASANT, N. J.
 N4000-W7400/7.5
 1953
 PHOTOREVISED 1971
 AMS 6164 II SE-S RIES V822

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 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revision shown in purple compiled by the Geological Survey from aerial photographs taken 1970-71
 This information not field checked
 Purple tint indicates extension of urban areas