



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 | AMPHIBIOUS |
| WATERFOWL | LOBSTERS | FLATFISH |

KEY TO WILDLIFE MARKERS

COLOR CODED = TYPES OF ORGANISMS
 RANGE
 POINT LOCALITY
 DOT = SEASONALITY
 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 |
|-------|---------------------|

COMMON IN NEARSHORE ZONE

| | | |
|-----|-----|--------|
| 88 | 108 | 104 |
| 146 | 07 | 65,110 |
| 115 | 121 | 150 |
| 153 | 155 | 155 |

Mapped by the Army Map Service
 Edited and published by the Geological Survey
 Control by USGS, USCE, and New Jersey Geologic Survey

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



CONTOUR INTERVAL 20 FEET
 DATUM IS MEAN SEA LEVEL
 DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
 SHORELINE SOUNDINGS REFER TO THE MEAN RANGE OF TIDE. MEAN HIGH WATER IS THE MEAN RANGE OF TIDE PLUS ONE-TWO OF THE TIDE RANGE.
 ELEVATION AT CENTER OF SHEET

THIS MAP COMPLETES 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

ADJOINS MAP #58

ESI MAP #59

LONG BRANCH, N. J.
 1994
 PHOTOGRAPHED 1970
 AMS 6164 (SE) SERIES 9822