

**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  
 SPRING (SPR) ●  
 SUMMER (SUM) ●  
 FALL (FAL) ●  
 WINTER (WIN) ●  
 SYMBOL = ECOLOGICAL TYPE  
 NUMBER = SPECIES (from regional lists)

**SOCIOECONOMIC FEATURES**

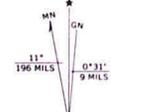
|                         |   |
|-------------------------|---|
| MARINAS AND YACHT CLUBS | PARKS, RECREATIONAL AREAS, AND WILDLIFE REFUGES |
| BOAT RAMPS              |   |

**SPILL-RESPONSE FEATURES**

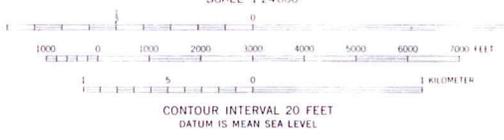
|       |                     |
|-------|---------------------|
| BOOMS | OPEN WATER SKIMMERS |
|-------|---------------------|

Mapped by the Army Map Service  
Edited and published by the Geological Survey

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Heavens 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.



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

ADJOINS MAP #54



**ESI MAP #56**

LAKEWOOD, N. J.  
N4000 W7407.5/7.5

1954  
PHOTOREVISED 1971  
AMS 6164 II SW-SERIES V822

ADJOINS MAP #57