



ADJOINS MAP # 7

ARROWS DENOTE  
BIRD NESTING

CAPE HENLOPEN  
STATE PARK

DISTRIBUTED  
THROUGHOUT AREA

DISTRIBUTED  
THROUGHOUT AREA

GORDEN POND  
WILDLIFE AREA

Mapped, edited, and published by the Geological Survey.  
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Revisions shown in purple compiled from aerial photographs  
taken 1972. This information not field checked.

UTM GRID AND 1972 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000  
1 000 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETTIC VERTICAL DATUM OF 1929  
DEPTH CURVES AND SOUNDINGS IN FEET - DATUM IS MEAN LOW WATER  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE MEAN RANGE OF TIDES IS 4.2 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ADJOINS MAP # 4

**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

**TO WILDLIFE MARKERS**

COLOR CODED = TYPES OF ORGANISMS

POINT LOCALITY

DOTS = SEASONALITY

SPRING (WET)

FALL (DRY)

WINTER (DRY)

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

**ESI MAP**  
**#6**

CAPE HENLOPEN, DEL.—N. J.

N 3845—W 7500/7.5  
PHOTOINSPECTED 1977  
1954  
PHOTOREVISED 1972  
AMS 5961 1 SE—SERIES V832

Map photoinspected 1977  
No major culture or drainage changes observed

