

ADJOINS MAP # 2

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

UNITED STATES  
DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS

SOUTH AMBOY QUADRANGLE  
NEW JERSEY-NEW YORK  
7.5 MINUTE SERIES (TOPOGRAPHIC)

COMMON THROUGHOUT  
RARITAN RIVER

SEE MAP # 3 FOR  
COMMON SPECIES

**NEW YORK HARBOR & LONG ISLAND SHORELINE TYPES**

**SHORELINE TYPES**

- 1. EXPOSED ROCKY SHORES
- 2. EXPOSED BLUFFS OR ROCKY LEDGES
- 3. FINE-SAND BEACHES
- 4. MEDIUM TO COARSE-SAND BEACHES
- 5. MIXED SAND AND GRAVEL BEACHES
- 6. GRAVEL BEACHES
- 7. EXPOSED TIDAL FLATS
- 8. SHELTERED ROCKY SHORES (NOT PRESENT)
- 9. SHELTERED TIDAL FLATS
- 10. MARSHES

(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

**KEY TO WILDLIFE MARKERS**

COLOR CODED = TYPES OF ORGANISMS

RANGE: POINT LOCALITY

DOTS = SEASONALITY

SPRING (MAR), SUMMER (JUN), FALL (SEP), WINTER (DEC)

SYMBOL = ECOLOGICAL TYPE

NUMBER = SPECIES (from regional lists)

**SOCIOECONOMIC FEATURES**

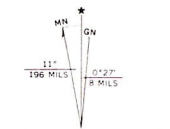
- MARINAS AND YACHT CLUBS
- BOAT RAMPS
- FIELD SURVEY SITES
- PARKS, RECREATIONAL AREAS, AND WILDLIFE REFUGES

**SPILL-RESPONSE FEATURES**

- BOOMS
- OPEN-WATER SKIMMERS

Mapped by the Geological Survey and U. S. Corps of Engineers  
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SCALE 1:24,000

CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL  
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 TIDE IS 9.3 FEET

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



**ESI MAP  
# NY 1**

SOUTH AMBOY, N. J.-N. Y.  
N 4022.5-W 7415/7.5

1954  
PHOTOREVISED 1970  
AMS 6164 IV NE-SERIES V822