



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
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

COMMON THROUGHOUT
HUDSON RIVER

- 85, 86, 87, 101, 102
- 104
- 146
- 65
- 99

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There may be private inholdings within the boundaries of
the National or State reservations shown on this map.
Red tint indicates areas in which only landmark
buildings are shown.

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
MEAN RANGE OF TIDE IS APPROXIMATELY 1.7 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

Revisions shown in purple compiled from aerial photographs
taken 1977 and other source data. This information
not field checked. Map edited 1979.
Purple tint indicates extension of urban areas.