

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 → SUMMER → FALL → WINTER

16 = NUMBER OF SPECIES (from regional lists)

SOCIOECONOMIC FEATURES

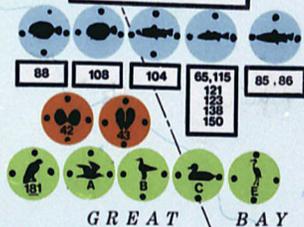
	MARINAS AND YACHT CLUBS		PARKS, RECREATIONAL AREAS AND WILDLIFE REFUGES
	BOAT RAMPS		

SPILL-RESPONSE FEATURES

	BOOMS		OPEN WATER SKIMMERS
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DISTRIBUTED THROUGHOUT AREA

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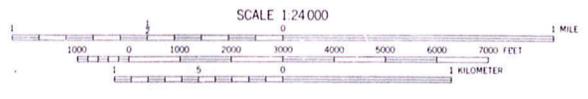
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UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

109° 18' 7" M
0° 21' 6" N

There may be private inholdings within the boundaries of the National or State reservations shown on this map



SCALE 1:24,000

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
THE MEAN RANGE OF TIDE IS 3 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 #41

ESI MAP #46
NEW GRETTA, N.J.

Revisions shown in purple compiled by the Geological Survey from aerial photographs taken 1972. This information not field checked
Purple tint indicates extension of urban areas
Map photorevised 1977
No major culture or drainage changes observed

N3930-W7422 5/7.5
PHOTOINSPECTED 1977
1951
PHOTOREVISED 1972
DMA 6163 III SW - SERIES V822

ADJOINS MAP #47