

**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		

**SOCIOECONOMIC FEATURES**

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

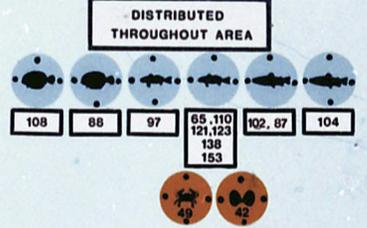
**SPILL-RESPONSE FEATURES**

	BOOMS		OPEN-WATER SKIMMERS
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**WILDLIFE MARKERS**

COLOR CODED = TYPES OF ORGANISMS  
 RANGE → POINT LOCALITY →  
 DOTS = SEASONALITY (SUMMER, WINTER)  
 SYMBOL = ECOLOGICAL TYPE  
 NUMBER = SPECIES (From regional lists)

THE FIRST 15-20 MILES OF THE DELAWARE BAY SHORELINE SUPPORTS OVER 300,000 SHOREBIRDS DURING NORTHWARD MIGRATION.

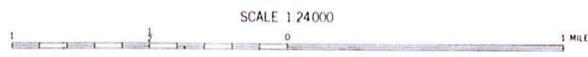
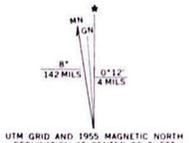


**DISTRIBUTED THROUGHOUT AREA**

**PRIME HOOK NATIONAL WILDLIFE REFUGE**

Mapped by U. S. Coast and Geodetic Survey  
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CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL  
DEPTH CURVES AND SOUNDINGS IN FEET - DATUM IS MEAN LOW WATER  
SHORELINE SHOWS APPROXIMATE LINE OF MEAN HIGH WATER  
THE MEAN RANGE OF TIDE IS 5 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

ADJOINS MAP # 8

**ESI MAP #9**

MISPILLION RIVER, DEL.  
NE/4 CEDAR CREEK 15' QUADRANGLE  
N 3852.5 - W 7515/7.5

1955  
AMS 5961 IV NE-SERIES V832