UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PHILADELPHIA QUADRANGLE
PENNSYLVANIA — NEW JERSEY
7.5 MINUTE SERIES (TOPOGRAPHIC)

DELAWARE, NEW JERSEY, & PENNSYLVANIA

SHORELINE TYPES

Sensitivity		
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

KEY TO WILDLIFE MARKERS

COLOR CODED = TYPES OF ORGANISMS
RANGE
POINT LOCALITY
DOTS = SEASONALITY
SYMBOL = ECOLOGICAL TYPE
SPRING / SUMMER / FALL / WINTER
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

ADJOINS MAP #26

ADJOINS MAP #24

ESI MAP #25
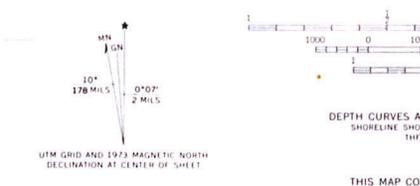
SCALE 1:24000

CONTOUR INTERVAL 20 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 APPROXIMATELY 5.8 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

PENNSYLVANIA
QUADRANGLE LOCATION

PHILADELPHIA, PA.—N. J.
N3952.5—W7507.5/7.5
1967
PHOTOREVISED 1973
AMS 5963 I NW—SERIES V831

SEE MAP #24 FOR SPECIES

PHILADELPHIA

FAIRMOUNT PARK

East Park Reservoir

SCHUYLKILL RIVER

DELAWARE RIVER

CAMDEN

GLOUCESTER CITY

Philadelphia International Airport

Veterans Stadium

ROOSEVELT PARK

League Island

NAVAL RESERVATION

Eastwick

Elmwood

YEADON

Overbrook

Wynnefield

Bala

LOWER MERION

MONTGOMERY CO
PHILADELPHIA CO