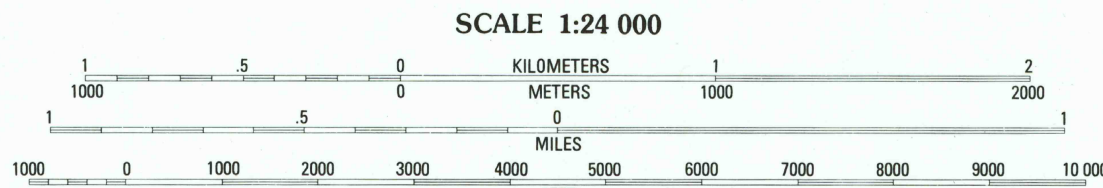
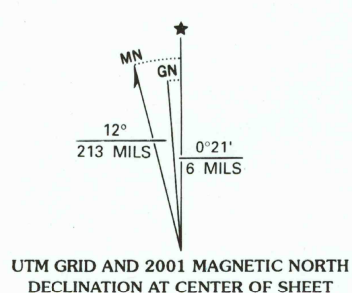




Produced by the United States Geological Survey  
Derived from imagery taken 1989 and other sources. Photosinspected using imagery taken 1999; no major culture or drainage changes observed. Survey control current as of 1991.  
Boundaries, other than corporate, revised 2000  
Selected hydrographic data compiled from NOS chart 12311 (1992). This information is not intended for navigational purposes.  
North American Datum of 1983 (NAD 83). Projection and 1000-meter grid: Universal Transverse Mercator, zone 18  
10 000-foot ticks: Delaware Coordinate System of 1983  
2 500-meter ticks: New Jersey Coordinate System of 1983  
North American Datum of 1927 (NAD 27) is shown by dashed corner ticks. The values of the shift between NAD 83 and NAD 27 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software.  
There may be private inholdings within the boundaries of the National or State reservations shown on this map.



CONTOUR INTERVAL 5 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29)  
(TO CONVERT ELEVATIONS TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, SUBTRACT 1 FOOT)  
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS MEAN LOWER LOW WATER  
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE  
THE MEAN RANGE OF TIDE IS APPROXIMATELY 5.6 FEET  
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

|   |   |   |
|---|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |

ADJOINING 7.5 QUADRANGLE NAMES

- Newark East
- Wilmington South
- Penns Grove
- St Georges
- Salem
- Middletown
- Taylors Bridge
- Canton

ROAD CLASSIFICATION

Primary highway, hard surface ..... Light-duty road, hard or improved surface ...  
Secondary highway, hard surface ..... Unimproved road ...  
Interstate Route U. S. Route State Route

DELAWARE CITY, DEL.-N.J.

1999  
NIMA 5863 II SE V832

RECEIVED  
APR 30 2001

USGS W-10  
HISTORICAL MAP ARCHIVES

