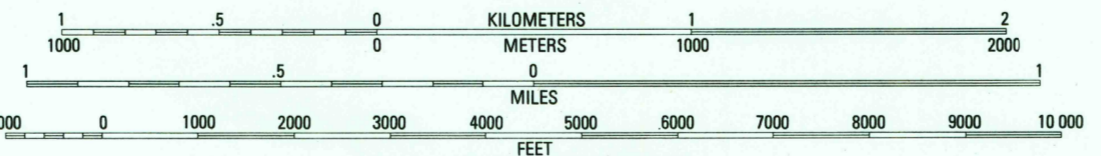
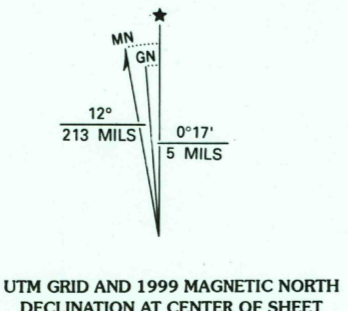




Produced by the United States Geological Survey
Derived from imagery taken 1990 and other sources. Photoinsected using imagery taken 1995; no major culture or drainage changes observed. Survey control current as of 1992
Boundaries, other than corporate, verified 1999
North American Datum of 1983 (NAD 83). Projection and 1000-meter grid: Universal Transverse Mercator, zone 18
2 500-meter ticks: New Jersey Coordinate System of 1983
10 000-foot ticks: Delaware Coordinate System of 1983
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software
Selected hydrographic data compiled from NOS charts 294 (1966) and 295 (1967). This information is not intended for navigational purposes



SCALE 1:24 000
CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29)
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048
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 5.6 FEET



QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	

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

PENNS GROVE, N.J.-DEL. 1995
NIMA 5963 III NW-SERIES V822

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