



Produced by the United States Geological Survey in cooperation with Pennsylvania Department of Conservation and National Resources, Bureau of Topographic and Geologic Survey. Topography compiled 1951. Planimetry derived from imagery taken 1988 and other sources. Photospectred using imagery dated 1997; no major culture or drainage changes observed. Survey control current as of 1960. Boundaries, other than corporate, revised 1999. North American Datum of 1927 (NAD 27). Projection and 10 000-foot ticks: Pennsylvania coordinate system, north zone (Lambert conformal conic). 1000-meter Universal Transverse Mercator grid, zone 18. 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. There may be private inholdings within the boundaries of the National or State Reservations shown on this map.



SCALE 1:24 000

CONTOUR INTERVAL 20 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048



QUADRANGLE LOCATION

ADJOINING 7.5' QUADRANGLE NAMES

Table with 8 columns and 2 rows listing adjacent quadrangles: 1 White Haven, 2 Hickory Run, 3 Blakeslee, 4 Weather, 5 Pohopoco Mountain, 6 Nesquehoning, 7 Lehigh, 8 Palmerton.



ROAD CLASSIFICATION

Primary highway hard surface, Secondary highway hard surface, Light-duty road, hard or improved surface, Unimproved road

Interstate Route, U.S. Route, State Route

CHRISTMANS, PA 1997

NIMA 5865 1 NW-SERIES V831

RECEIVED OCT 31 1999 USGS WMD HISTORICAL MAP ARCHIVES

