

Produced by the United States Geological Survey  
in cooperation with Pennsylvania Department of Conservation  
and Natural Resources, Bureau of Topographic and Geologic Survey

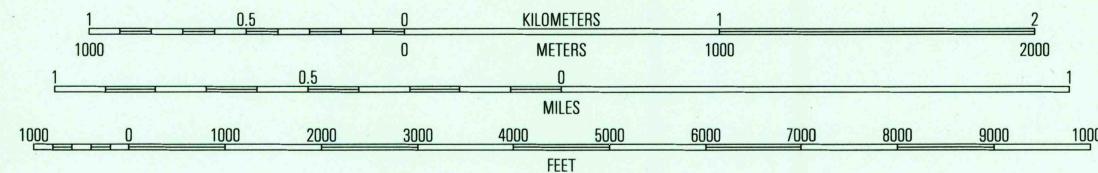
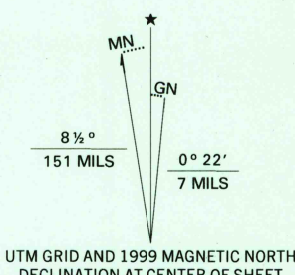
Derived from imagery taken 1991 and other sources. Photospected  
using imagery taken 1997; no major culture or drainage changes  
observed. Survey control current as of 1994

Boundaries revised 1999

North American Datum of 1927 (NAD 27). Projection and  
10 000-foot ticks: Pennsylvania coordinate system, south zone  
(Lambert conformal conic)

1000-meter Universal Transverse Mercator grid, zone 17  
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

Contours in strip mine areas may not accurately represent present topography  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map



CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048



QUADRANGLE LOCATION

Primary highway  
hard surface .....  
Secondary highway  
hard surface .....  
Unimproved road .....  
Interstate Route  
U.S. Route  
State Route

1	2	3
4	5	6
7	8	9

ADJOINING 7.5' QUADRANGLE NAMES

WIND RIDGE, PA  
1997

NIMA 4963 IV NW-SERIES V831

RECEIVED

MAR 31 2000

USGS NMD  
HISTORICAL MAP ARCHIVES

