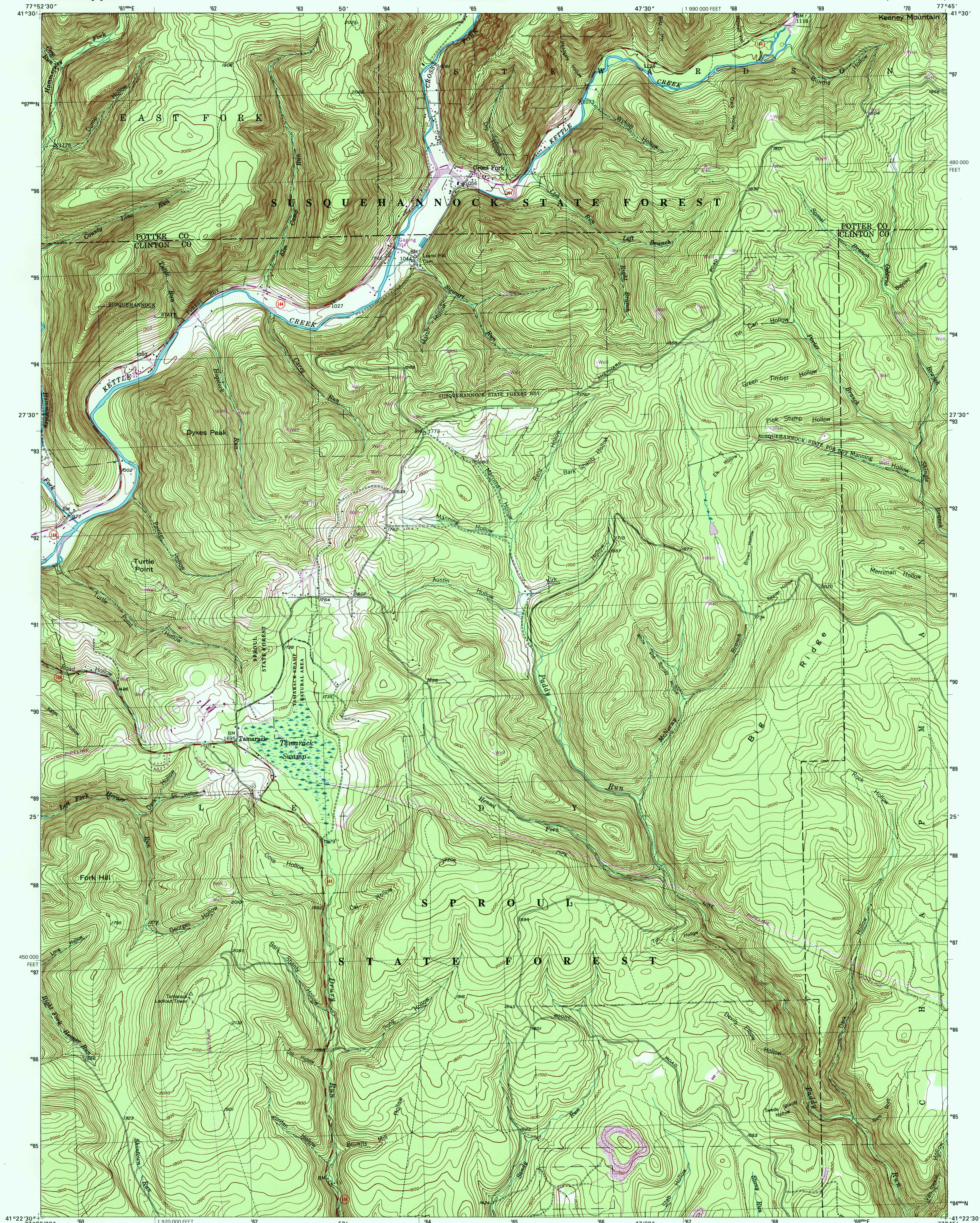
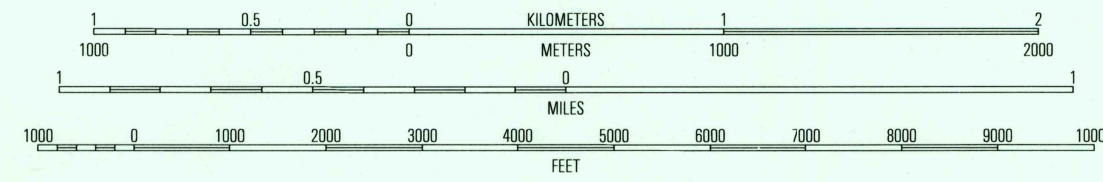
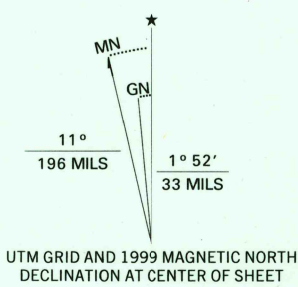




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HISTORICAL MAP ARCHIVES

Produced by the United States Geological Survey
in cooperation with Pennsylvania Department of Conservation
and Natural Resources, Bureau of Topographic and Geologic Survey
Topography compiled 1944. Planimetry derived from imagery taken
1971 and other sources. Photorevised using imagery dated 1994;
no major culture or drainage changes observed. Survey control
current as of 1946. Boundaries 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 Geologic
Survey NADCON software
There may be private inholdings within the boundaries of
the National or State reservations shown on this map
Information shown in purple may not meet USGS content standards
and may conflict with previously mapped contours



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



QUADRANGLE LOCATION

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

1	2	3
4	5	6
7	8	9

1 Conrad
2 Short Run
3 Olema
4 Hammesley Fork
5 Young Woman Creek
6 Keating
7 Renovo West
8 Renovo East

TAMARACK, PA
1994

NIMA 5466 IV NE-SERIES V831



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