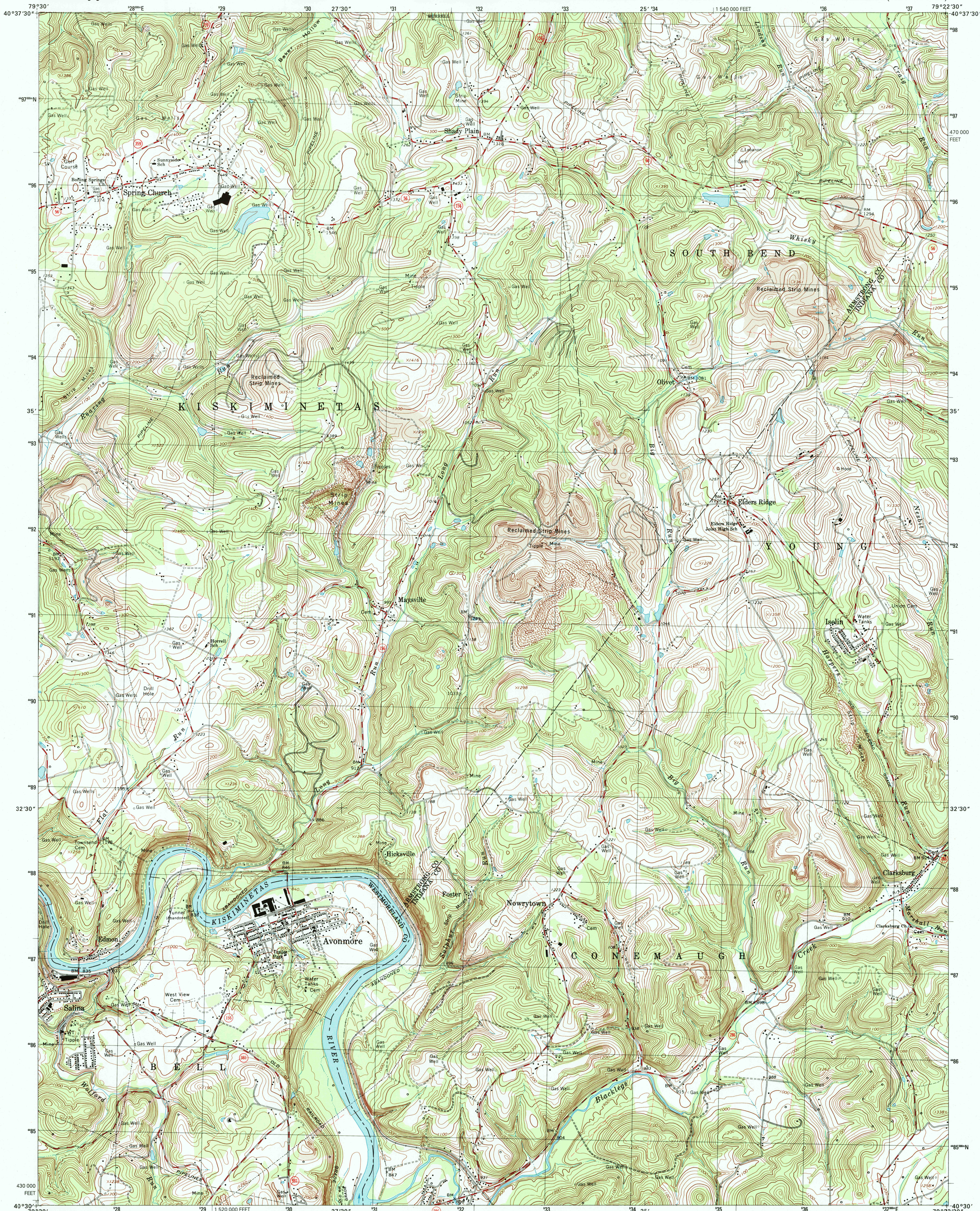




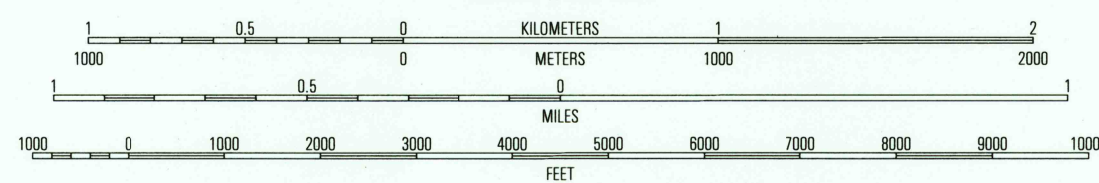
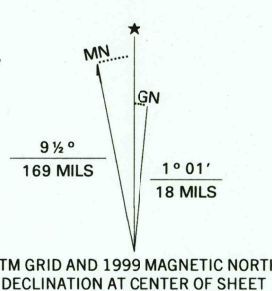
Produced by the United States Geological Survey
in cooperation with Pennsylvania Department of Conservation
and Natural Resources, Bureau of Topographic and Geologic Survey

Topography compiled 1962. Planimetry derived from imagery taken
1988 and other sources. Photos inspected using imagery dated 1998;
no major culture or drainage changes observed. Survey control
current as of 1964. Boundaries, other than corporate, verified 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

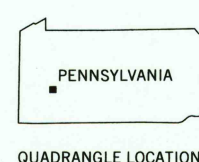
North American Datum of 1983 (NAD 83) is shown by dashed
corner ticks. The values of the shift between NAD 27 and NAD 83
for 7.5-minute intersections are obtainable from National Geodetic
Survey NADCON software

Light brown tint indicates reclaimed strip mine areas



CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
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



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 Leechburg
2 Whitesburg
3 Elderton
4 Vandergrift
5 McIntyre
6 Sickville
7 Salisbury
8 Blairsville

AVONMORE, PA
1998

NIMA 5165 III SW-SERIES Y831

HISTORICAL MAP ARCHIVES

DEC 31 1999

USGS NAD

RECEIVED

