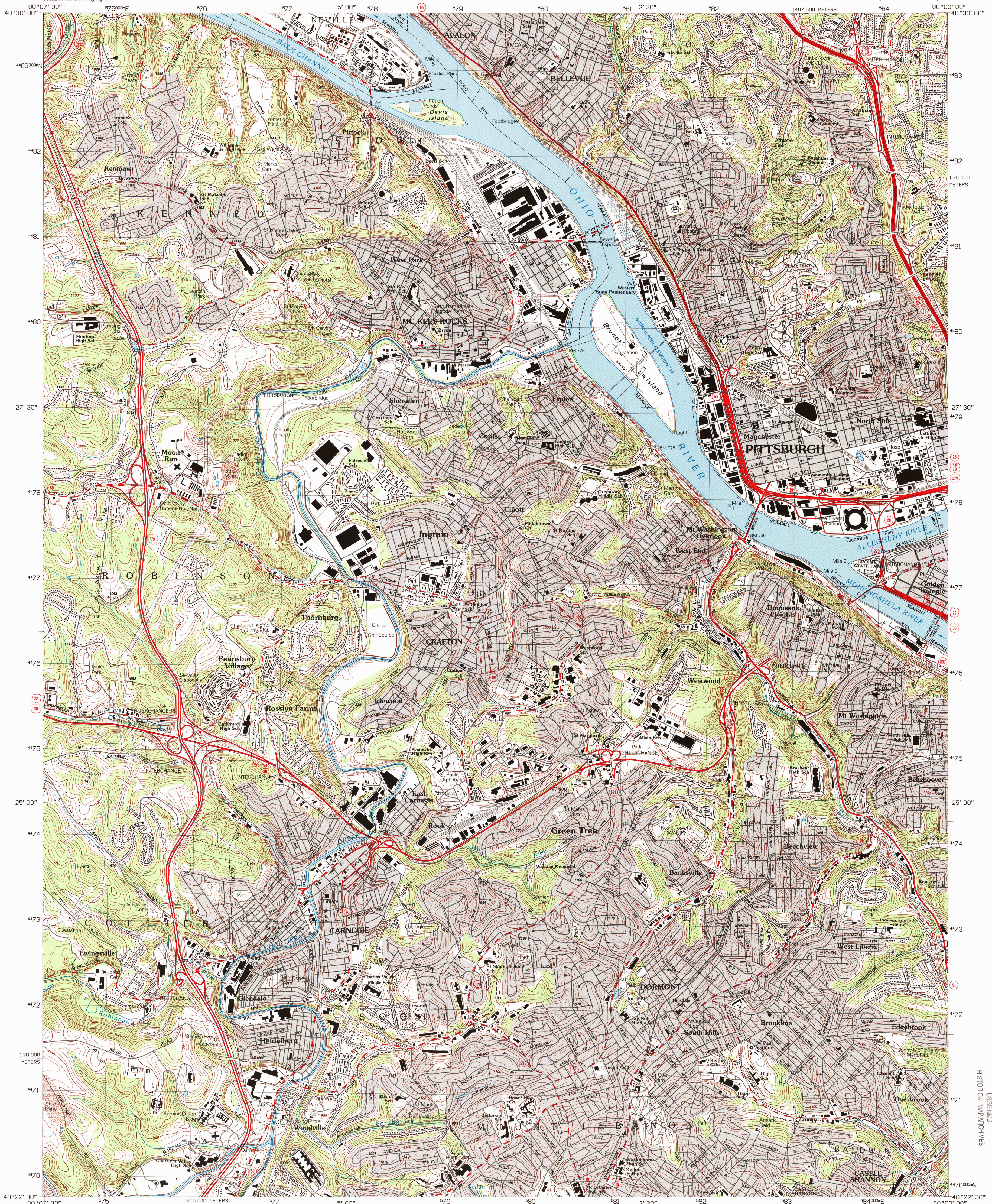




U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
BUREAU OF TOPOGRAPHIC AND GEOLOGIC SURVEY

PITTSBURGH WEST QUADRANGLE
PENNSYLVANIA-ALLEGHENY CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



USGS AND
HISTORICAL MAP ARCHIVES

RECEIVED
JAN 31 1999



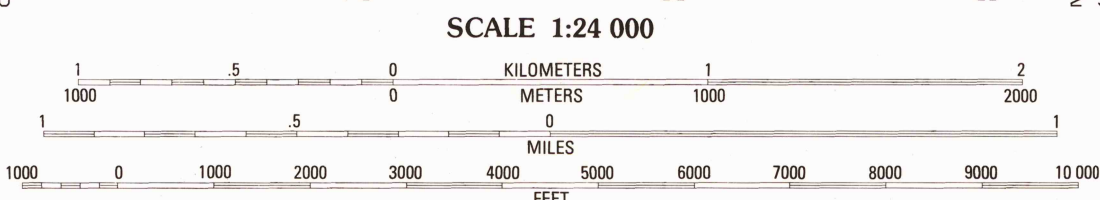
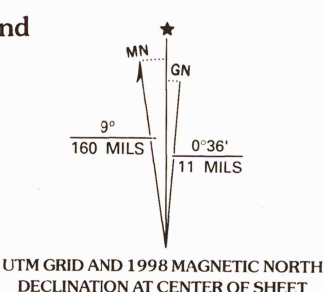
Produced by the United States Geological Survey
in cooperation with Pennsylvania Department of Conservation and
Natural Resources, Bureau of Topographic and Geologic Survey

Derived from imagery taken 1991 and other sources. Photoinspected
using imagery taken 1997; no major culture or drainage changes
observed. Survey control current as of 1992.
Boundaries, other than corporate, revised 1998

North American Datum of 1983 (NAD 83). Projection and
1000-meter grid: Universal Transverse Mercator, zone 17
2 500-meter ticks: Pennsylvania Coordinate System of 1983, south zone

North American Datum of 1927 (NAD 27) is shown by dashed
corner ticks. The values of the shift between NAD 83 and NAD 27
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



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



1	2	3	1 Ambrose
4	5	2 Glenshaw	3 Glenshaw
6	7	4 Oakdale	5 Pittsburgh East
		6 Canonsburg	7 Bridgeville
		8 Glassport	

ADJOINING 7.5' QUADRANGLE NAMES

ROAD CLASSIFICATION

- Primary highway, hard surface
- Secondary highway, hard surface
- Interstate Route
- U.S. Route
- State Route
- Light-duty road, hard or improved surface
- Unimproved road

PITTSBURGH WEST, PA.

1997

NIMA 4964 1 NE-SERIES V831