



Produced by the U. S. Geological Survey
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Compiled from 1:24,000 scale maps. See index for individual maps. Revised from aerial photographs taken 1959, '70 and other source data. Map not field checked. Map edited 1982
Projection and 5,000 meter grid zone 17. Universal Transverse Mercator
10,000-foot grid based on Pennsylvania coordinate system, north zone, 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 4 meters south and 1.7 meters west
Red list indicates areas in which only landmark buildings are shown
There may be private subdivisions within the boundaries of the National or State Reservations shown on this map

EXPLANATION

- ALLUVIUM
- CARMICHAEL FM. (INCLUDING LOW-LEVEL TERRACE DEPOSITS ALONG MONONGAHELA RIVER)
- GREENE FM.
- WASHINGTON FM.
- WAYNESBURG FM.
- UNIONTOWN FM.
- PITTSBURGH FM.
- CASSELMAN FM.
- GLENSHAW FM.

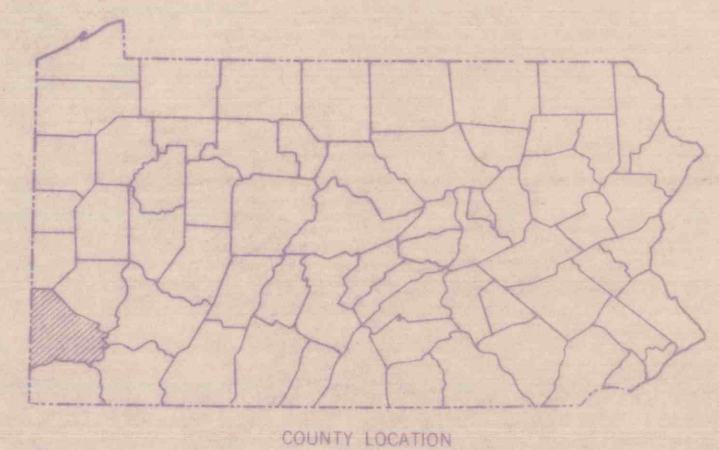
10M GRID AND 100M MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

FAULT - U IS UPRIGHT SIDE, D IS DOWNSIDE

SCALE 1:50,000
CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

- a. H.L. BERRYHILL, JR., USGS GQ-995, 1964
- b. H.L. BERRYHILL, JR., S.P. SCHWEINFURTH, USGS GQ-835, 1964
- c. H.L. BERRYHILL, JR., S.P. SCHWEINFURTH, B.H. KENT, USGS PP-621, 1951
- d. H.L. BERRYHILL, JR., V.E. SWANSON, USGS GQ-183, 1964
- e. F.O. CLAPP, USGS FOLD 146, 1907
- f. CONSOLIDATION COAL CO., STRUCTURE CONTOURS, UNPUB. MAP, 1981
- g. B.H. KENT, USGS I-588, 1969
- h. B.H. KENT, USGS GQ-650, 1967
- i. B.H. KENT, USGS GQ-836, 1969
- j. B.H. KENT, USGS GQ-1003, 1972
- k. B.J. ONEILL, JR., PASS M-67, 1974
- l. J.B. ROEH, USGS GQ-1007, 1973
- m. J.B. ROEH, B.H. KENT, S.P. SCHWEINFURTH, USGS GQ-145, 1968
- n. J.B. ROEH, USGS GQ-838, 1970
- o. USDA SCS, SOIL SURV. OF GREENE AND WASHINGTON COUNTIES, PA, 1983
- p. S.P. SCHWEINFURTH, USGS I-908, 1976



WASHINGTON CO., PA. (SOUTH SECTION)
N3956.5-W7949.5-3342
1982

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COMPILED
1984-85

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NOTE: CHANGE ALL THE LABELS TO PFM AND ALL THE LABELS TO PFM