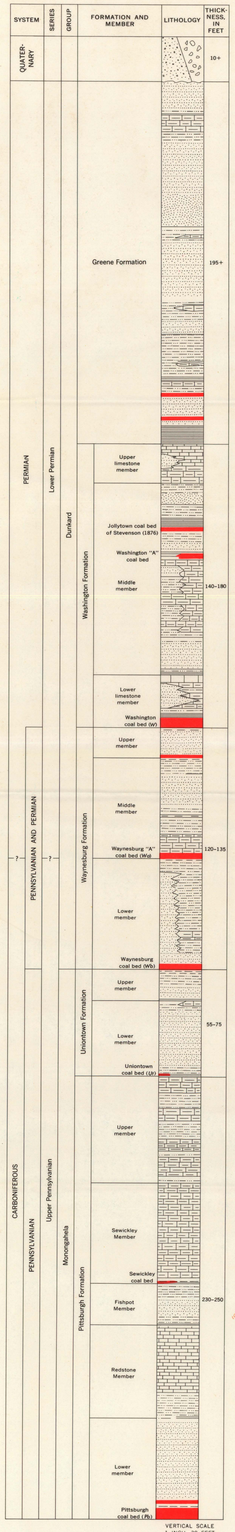
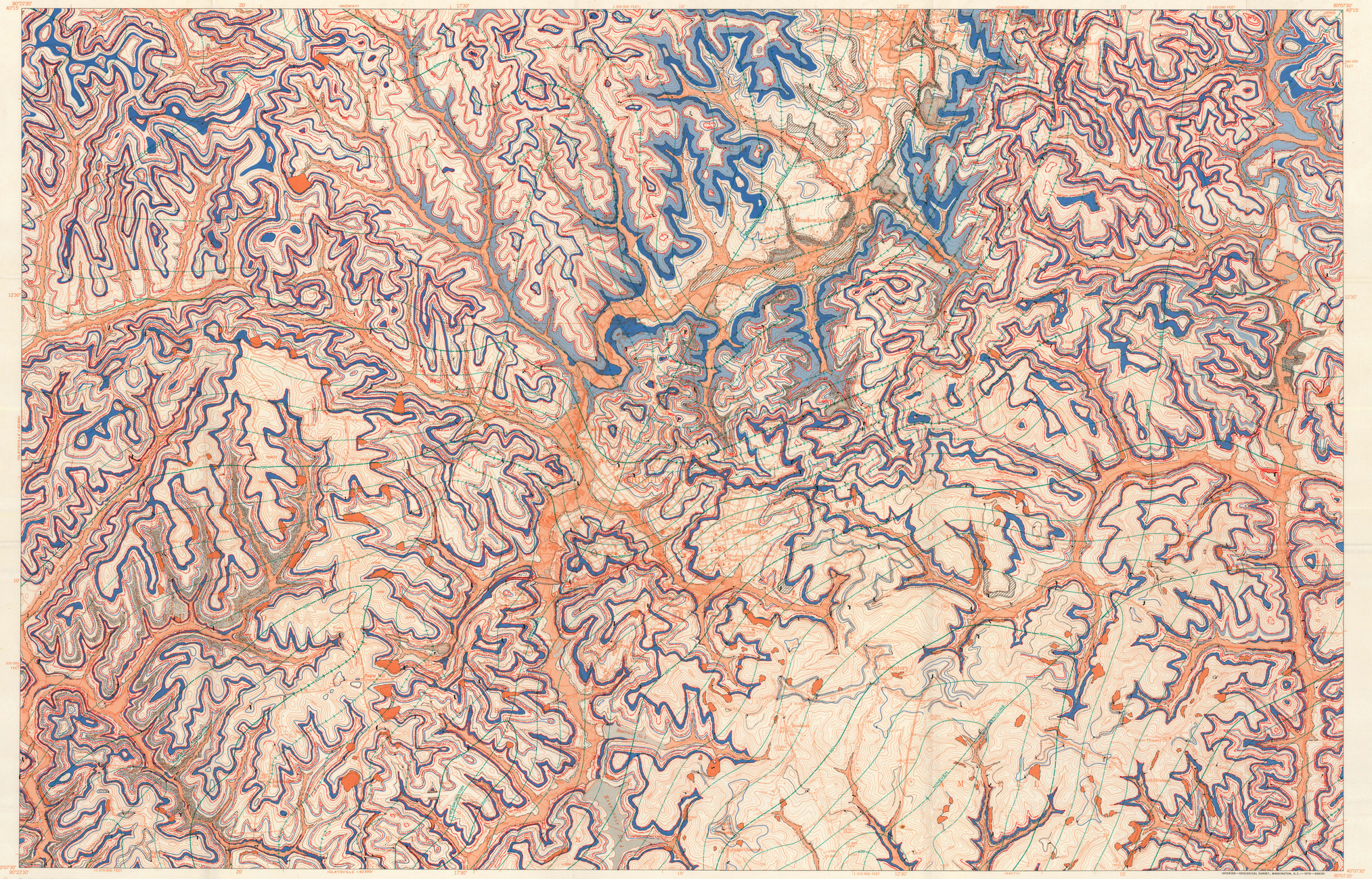
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH
THE COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF INTERNAL AFFAIRS

PROFESSIONAL PAPER 621
PLATE 1





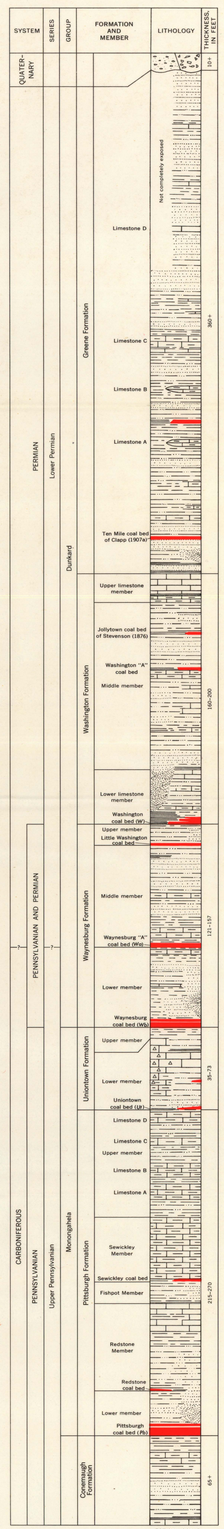
Base from U.S. Geological Survey, 1953 and 1954
10,000-foot grid based on Pennsylvania coordinate system, south zone

APPROXIMATE MEAN DECLINATION, 1970

SCALE 1:24 000
1 MILE
1 KILOMETER
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

Field geology by Henry L. Berryhill, Jr., and Vernon E. Swanson, 1960–62
Lithologic units compiled by Bion H. Kent, Stanley P. Schweinfurth, and Henry L. Berryhill, Jr., 1964–65
Data for structure contours obtained in part from Consolidation Coal Co., Berkshire Land Co., and oil and gas records on file with the Pennsylvania Topographic and Geologic Survey

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1970—G6830

See plate 2 for explanation of map; see plate 3 for explanation of lithologic symbols

LITHOLOGIC MAP OF THE WASHINGTON WEST AND WASHINGTON EAST QUADRANGLES, WASHINGTON AREA, PENNSYLVANIA