

(SASSAMANSVILLE)

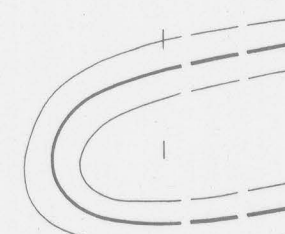
DEPARTMENT OF THE INTERIOR  
UNITED STATES GEOLOGICAL SURVEY

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

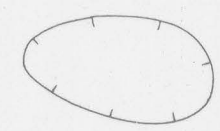
GEOPHYSICAL INVESTIGATIONS  
MAP GP-210

(TELFORD)

EXPLANATION



Magnetic contours and flight traverse  
Contours dashed where data are incomplete; contours show total intensity relative to an arbitrary datum.

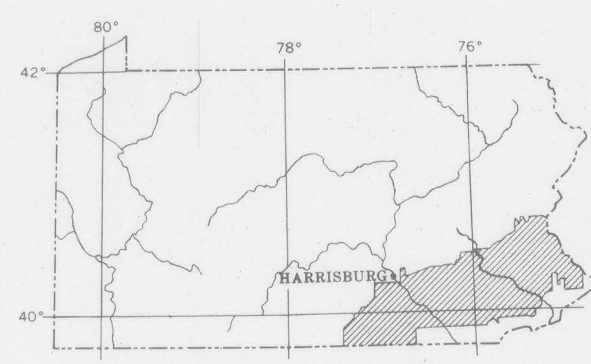


Magnetic contour enclosing area of lower magnetic intensity

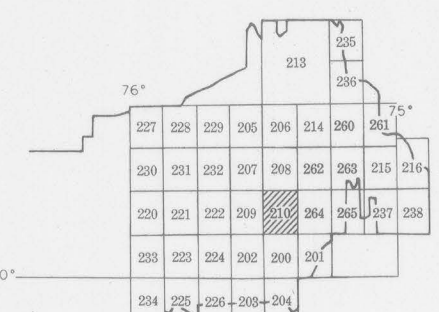
Measured maximum or minimum intensity within closed high or closed low

NOTE

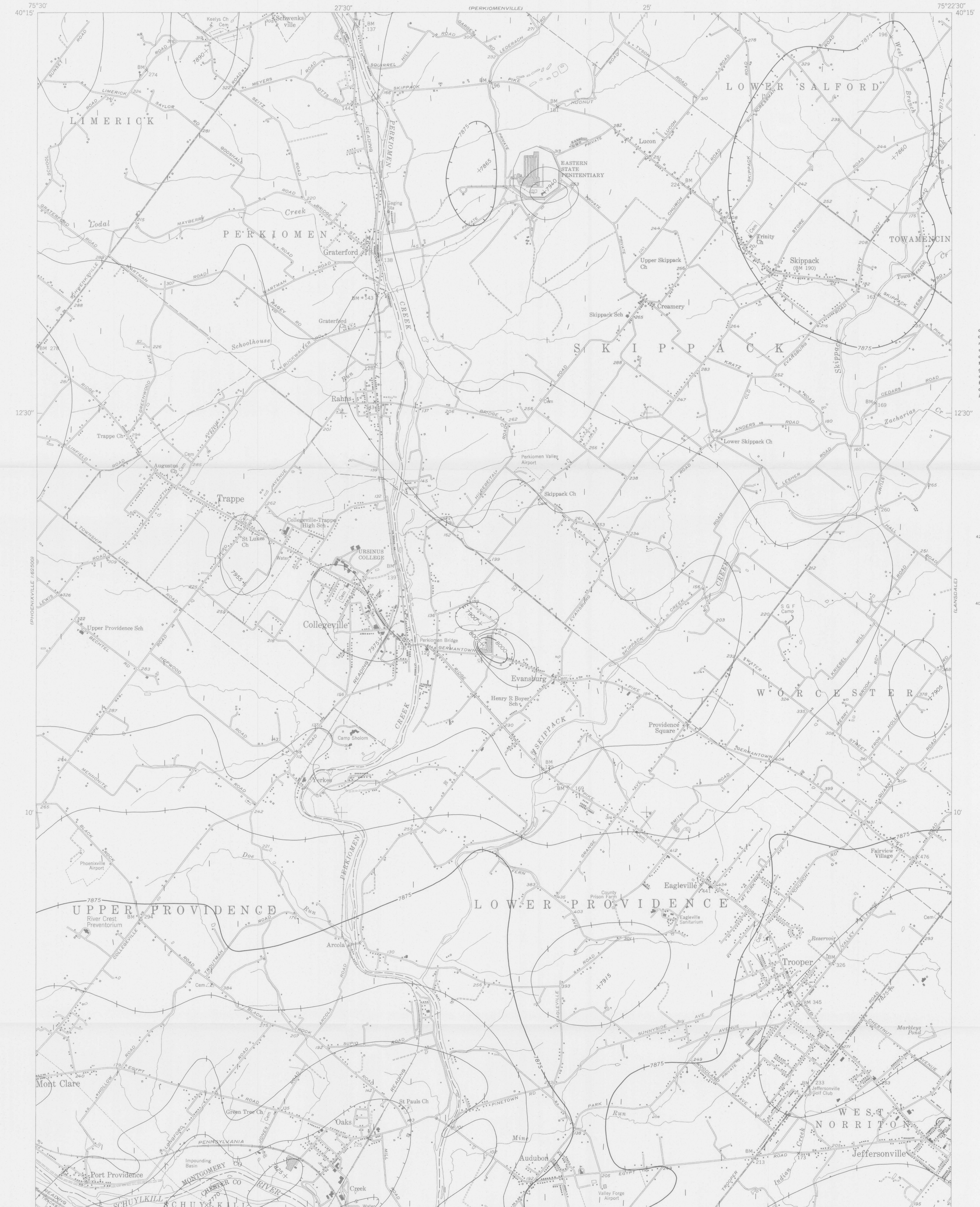
Aeromagnetic data are obtained and compiled along a continuous line, whereas ground magnetic surveys are made at separate points. Errors within the normal limits of any magnetic measurement may cause slight discrepancies between flight lines in an aeromagnetic map, which would be more obvious than similar discrepancies between points in a ground magnetic map. For this reason as much care should be exercised in evaluating magnetic features that appear as elongations along a single aeromagnetic traverse as in interpreting an anomaly indicated by a single ground station.



INDEX MAP OF PENNSYLVANIA SHOWING AREA OF AEROMAGNETIC SURVEY 1956-57



EASTERN PART OF AEROMAGNETIC SURVEY AREA SHOWING LOCATION OF THIS REPORT



AEROMAGNETIC MAP OF THE COLLEGEVILLE QUADRANGLE  
MONTGOMERY COUNTY, PENNSYLVANIA

By  
Randolph W. Bromery, Gerald L. Zandle, and others

SCALE 1:24 000

CONTOUR INTERVAL 25 GAMMAS

1960

GEOPHYSICAL INVESTIGATIONS  
MAP GP-210

For sale by U. S. Geological Survey, price 50 cents

Base map by Topographic Division  
U. S. Geological Survey

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1959