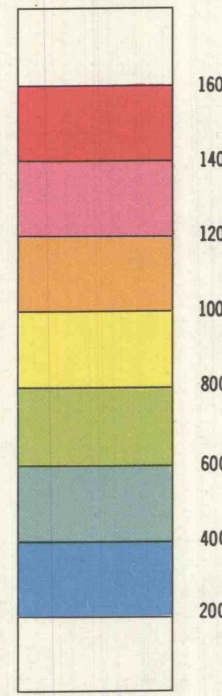


# Aeromagnetic map of eastern Pennsylvania and northern New Jersey showing generalized geologic relations of the crystalline rocks.

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### EXPLANATION

#### Magnetic intensity in gammas



- Jk Newark Group (Jurassic and Triassic) and related igneous intrusions
- Unconformity
- D Devonian sedimentary rocks
- S Silurian sedimentary rocks
- OC Ordovician and Cambrian sedimentary rocks
- Unconformity
- pC Precambrian rocks (includes minor inliers of OC in southwestern part of Reading Prong)

#### Structure symbols

Contact, dotted where concealed

High-angle fault

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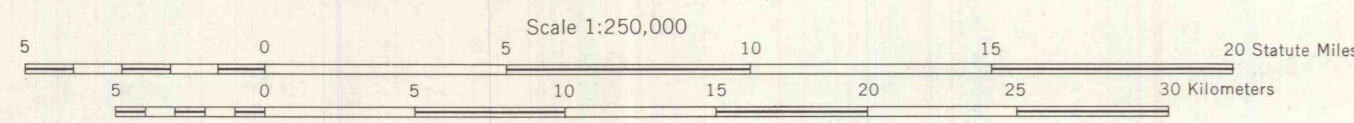
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- #### SOURCES OF AEROMAGNETIC DATA
- Total intensity magnetic surveys by the U. S. Geological Survey with direction, elevation, and spacing listed below:
- A North-South, 500 feet above ground, ½ mile, Henderson and others, 1966.
  - B North-South, 500 feet above ground, ¼ mile, Bromery and Griscorn, 1967.
  - C North-South, 1000 feet above ground, ½ mile, Henderson and others, 1963.
  - D North-South, 1000 feet barometric, 1 mile, USGS, 1974e.
  - E East-West, 500 feet above ground, 1 mile, USGS, 1973.
  - F East-West, 500 feet above ground, 1 mile, USGS, 1974a.
  - G East-West, 500 feet above ground, ½ mile, Bromery, 1967.
  - H Northwest-Southeast, 500 feet above ground, ½ mile, Bromery and others, 1964.
  - I East-West, 400 feet above ground, ½ mile, USGS, 1971b.
  - J East-West, 500 feet above ground, 1 mile, USGS, 1974b.
  - K East-West, 500 feet above ground, 1 mile, USGS, 1974d.
  - L East-West, 500 feet above ground, 1 mile, USGS, 1974c.
  - M East-West, 400 feet above ground, ½ mile, USGS, 1971a.

