

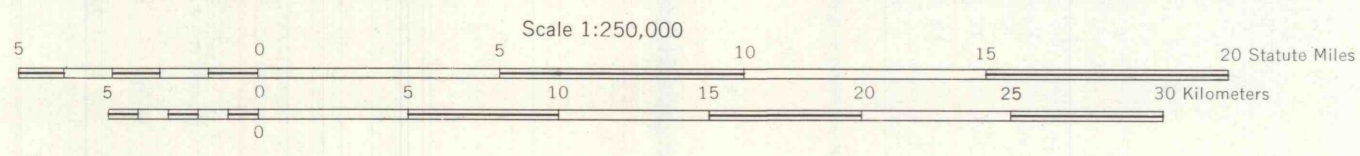
Generalized geologic map of the crystalline rocks in central Maryland, southern Pennsylvania, and Delaware.

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EXPLANATION

- Coastal plain sedimentary rocks (Cretaceous and younger)
- Unconformity
- Newark Group (Jurassic and Triassic) and related diabase intrusions
- Unconformity
- Sedimentary and volcanic rocks of known age
- Metasedimentary rocks of uncertain age
- Metavolcanic rocks; relative age uncertain
- Cocalico Shale (Ordovician)
- Carbonate rocks (Ordovician and Cambrian); includes Vintage, Kinzers, Ledger, Waynesboro, Elbrook, Tomstown, and Conestoga Formations, and Conococheague and Beekmantown Groups
- Chilhowee Group and related clastic rocks (Cambrian and Upper Precambrian); includes Chickies (with its Helam Member), Wewerton, Harpers, and Antietam Formations
- Catoclin Formation (Upper Precambrian)
- Peach Bottom Slate and Cardiff Metaconglomerate undivided (as used by Crowley, 1976)
- Sams Creek Formation
- Wissahickon Group of Crowley (1976); includes diamictite, metagraywacke, quartz schist, pelitic schist, Marburg, and Octoraro schists (of local usage), and Urbana and Jansville Phyllites; wfa, undifferentiated flysch sequence
- Intermediate to felsic plutonic and meta-volcanic rocks, including Norbeck Quartz Diorite, Georgetown Mafic Complex, Kensington Quartz Diorite, and Guilford Quartz Monzonite (of local usage)
- Ultramafic to felsic plutonic and meta-volcanic rocks, including Baltimore Complex, James Run Formation, Port Deposit Gneiss, and Aberdeen Metagabbro; Haly Quartz diorite, and Elliott City Granodiorite (of local usage); um, ultramafic rocks
- Setters Formation: undivided; sg, garnet schist member
- Baltimore Gneiss and related basement gneisses (Precambrian), with minor intrusive rocks of Paleozoic age

- Structure symbols**
- Contact, based on conventional geologic mapping; dotted where concealed
 - Contact, inferred from aeromagnetic maps
 - Thrust fault; barbs on hanging wall
 - High-angle fault



Magnetic contours
Showing total intensity magnetic field of the earth in gammas relative to an arbitrary datum. Main magnetic field of the earth, from Fahnestock and Peddie (1969) has been removed. Contour interval 100 gammas.

For sources of aeromagnetic data, see index map on Plate 1