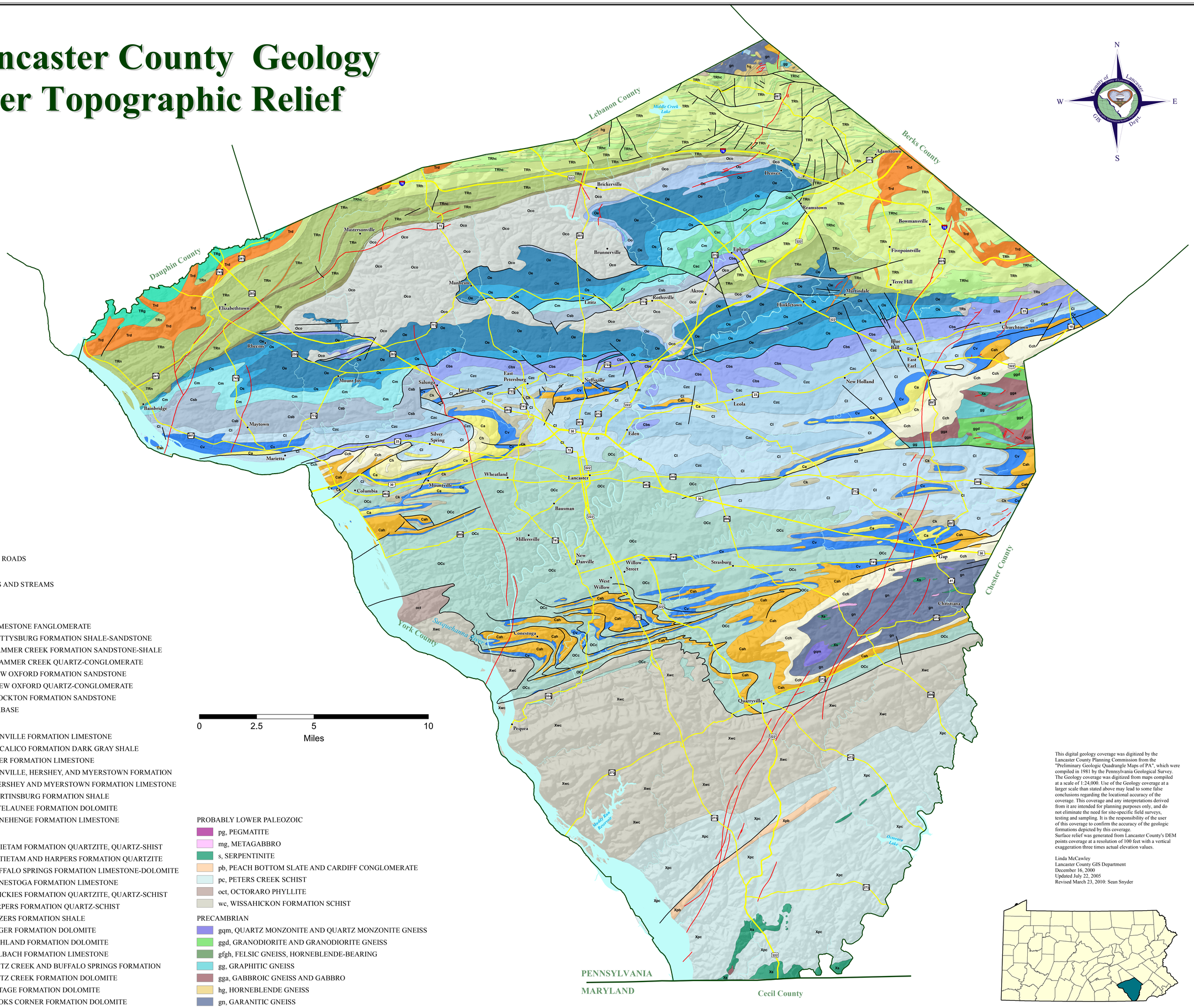
# Lancaster County Geology Over Topographic Relief




MAJOR ROADS
FAULT
RIVERS AND STREAMS
DIKE

TRIASSIC
- TRfl, LIMESTONE FANGLOMERATE
- TRg, GETTYSBURG FORMATION SHALE-SANDSTONE
- TRh, HAMMER CREEK FORMATION SANDSTONE-SHALE
- TRhc, HAMMER CREEK QUARTZ-CONGLOMERATE
- TRn, NEW OXFORD FORMATION SANDSTONE
- TRnc, NEW OXFORD QUARTZ-CONGLOMERATE
- TRs, STOCKTON FORMATION SANDSTONE
- Trd, DIABASE

ORDOVICIAN
- Oan, ANNVILLE FORMATION LIMESTONE
- Oco, COCALICO FORMATION DARK GRAY SHALE
- Oe, EPLER FORMATION LIMESTONE
- Oha, ANNVILLE, HERSHEY, AND MYERSTOWN FORMATION
- Ohm, HERSHEY AND MYERSTOWN FORMATION LIMESTONE
- Om, MARTINSBURG FORMATION SHALE
- Oo, ONTELAUNEE FORMATION DOLOMITE
- Os, STONEHENGE FORMATION LIMESTONE

CAMBRIAN
- Ca, ANTIETAM FORMATION QUARTZITE, QUARTZ-SHIST
- Cah, ANTIETAM AND HARPERS FORMATION QUARTZITE
- Cbs, BUFFALO SPRINGS FORMATION LIMESTONE-DOLOMITE
- Ccc, CONESTOGA FORMATION LIMESTONE
- Cch, CHICKIES FORMATION QUARTZITE, QUARTZ-SCHIST
- Ch, HARPERS FORMATION QUARTZ-SCHIST
- Ck, KINZERS FORMATION SHALE
- Cl, LEDGER FORMATION DOLOMITE
- Cm, RICHLAND FORMATION DOLOMITE
- Cr, MILLBACH FORMATION LIMESTONE
- Csb, SNITZ CREEK AND BUFFALO SPRINGS FORMATION
- Csc, SNITZ CREEK FORMATION DOLOMITE
- Cv, VINTAGE FORMATION DOLOMITE
- Czc, ZOOKS CORNER FORMATION DOLOMITE

PROBABLY LOWER PALEOZOIC
- pg, PEGMATITE
- mg, METAGABBRO
- s, SERPENTINITE
- pb, PEACH BOTTOM SLATE AND CARDIFF CONGLOMERATE
- pc, PETERS CREEK SCHIST
- oct, OCTORARO PHYLLITE
- wc, WISSAHICKON FORMATION SCHIST

PRECAMBRIAN
- gqm, QUARTZ MONZONITE AND QUARTZ MONZONITE GNEISS
- ggd, GRANODIORITE AND GRANODIORITE GNEISS
- gfgh, FELSIC GNEISS, HORNEBLENDE-BEARING
- gg, GRAPHITIC GNEISS
- gga, GABBROIC GNEISS AND GABBRO
- hg, HORNEBLENDE GNEISS
- gn, GARANITIC GNEISS

This digital geology coverage was digitized by the Lancaster County Planning Commission from the "Preliminary Geologic Quadrangle Maps of PA", which were compiled in 1981 by the Pennsylvania Geological Survey. The Geology coverage was digitized from maps compiled at a scale of 1:24,000. Use of the Geology coverage at a larger scale than stated above may lead to some false conclusions regarding the locational accuracy of the coverage. This coverage and any interpretations derived from it are intended for planning purposes only, and do not eliminate the need for site-specific field surveys, testing and sampling. It is the responsibility of the user of this coverage to confirm the accuracy of the geologic formations depicted by this coverage.
Surface relief was generated from Lancaster County's DEM points coverage at a resolution of 100 feet with a vertical exaggeration three times actual elevation values.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