
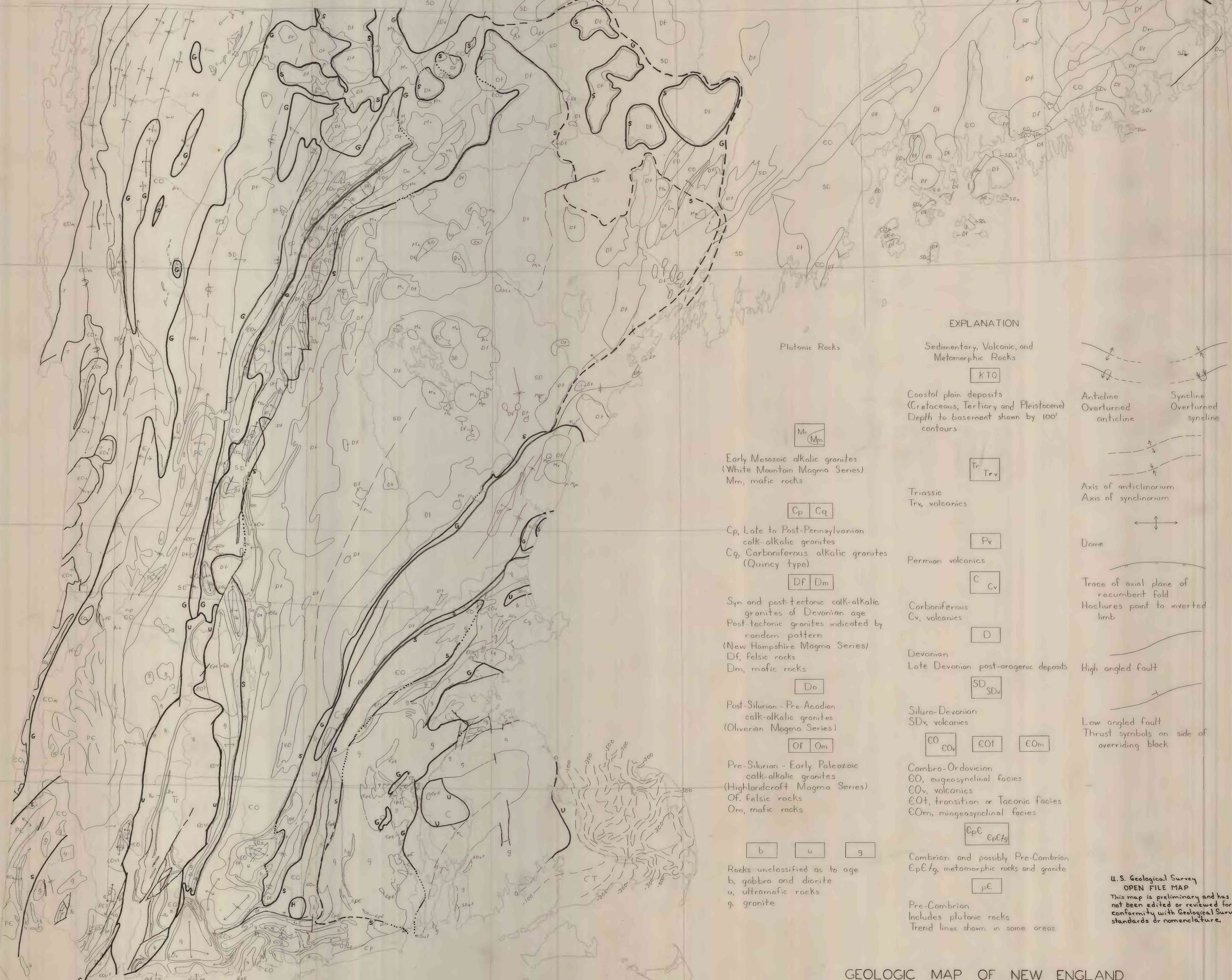


METAMORPHIC ZONES

EXPLANATION

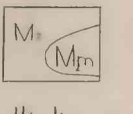

 Boundaries of metamorphic zones
 Dotted where passes across plutonic rocks,
 dashed where inferred
 Symbol on higher grade side of boundary,
 except for u

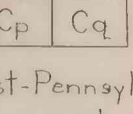
H - hypersthene
 S - sillimanite
 G - garnet
 U - unmetamorphosed rocks
 (symbol in unmetamorphosed area)
 Hornfels zones
 A - andalusite
 C - cordierite
 S - sillimanite

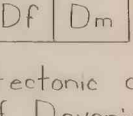


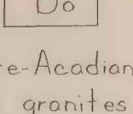
EXPLANATION

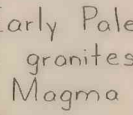
Plutonic Rocks

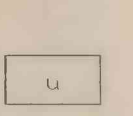
 Mm
 Early Mesozoic alkalic granites
 (White Mountain Magma Series)
 Mm, mafic rocks

 Cp Cq
 Cp, Late to Post-Pennsylvanian
 calc-alkalic granites
 Cq, Carboniferous alkalic granites
 (Quincy type)

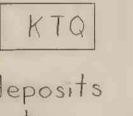
 Df Dm
 Syn and post-tectonic calc-alkalic
 granites of Devonian age
 Post-tectonic granites indicated by
 random pattern
 (New Hampshire Magma Series)
 Df, felsic rocks
 Dm, mafic rocks

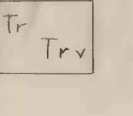
 Of Om
 Post-Silurian - Pre-Acadian
 calc-alkalic granites
 (Olivian Magma Series)

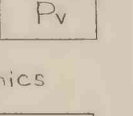
 b u g
 Pre-Silurian - Early Paleozoic
 calc-alkalic granites
 (Highlandcroft Magma Series)
 Of, felsic rocks
 Om, mafic rocks

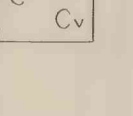
 b u g
 Rocks unclassified as to age
 b, gabbro and diorite
 u, ultramafic rocks
 g, granite

Sedimentary, Volcanic, and Metamorphic Rocks

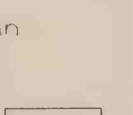
 KTO
 Coastal plain deposits
 (Cretaceous, Tertiary and Pleistocene)
 Depth to basement shown by 100'
 contours

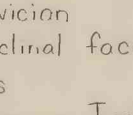
 Tr Trv
 Triassic
 Trv, volcanics

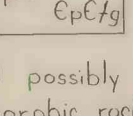
 Pv
 Permian volcanics

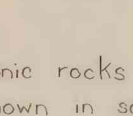
 C Cv
 Carboniferous
 Cv, volcanics

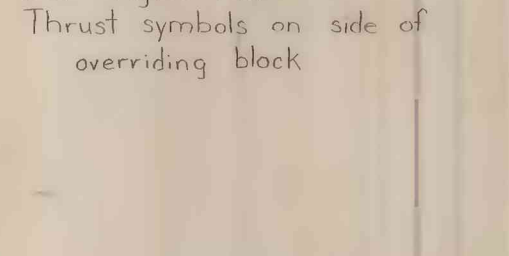
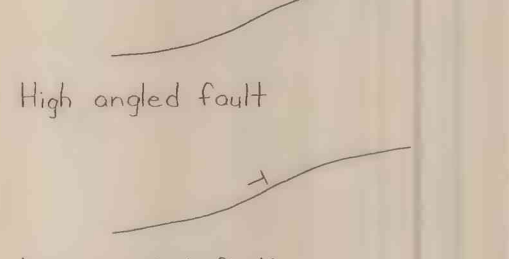
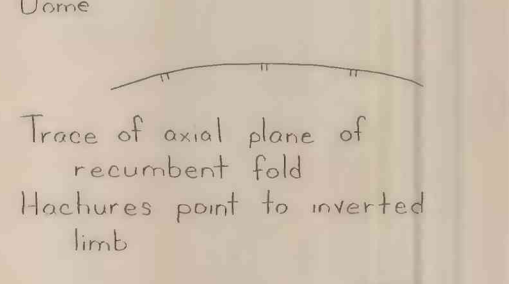
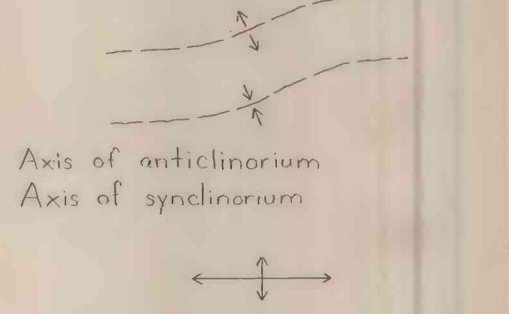
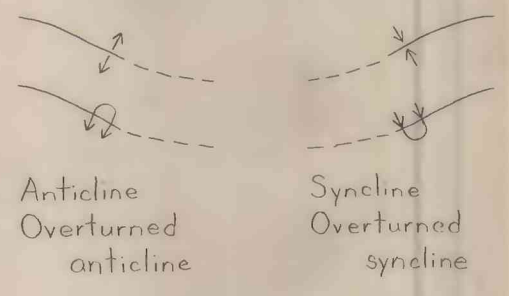
 D
 Devonian
 Late Devonian post-orogenic deposits

 SD SDv
 Siluro-Devonian
 SDv, volcanics

 EO EOv EOt EOm
 Cambro-Ordovician
 EO, eugeosynclinal facies
 EOv, volcanics
 EOt, transition or Taconic facies
 EOm, miogeosynclinal facies

 EpC EpTg
 Cambrian and possibly Pre-Cambrian
 EpC, metamorphic rocks and granite

 pC
 Pre-Cambrian
 Includes plutonic rocks
 Trend lines shown in some areas



U.S. Geological Survey
 OPEN FILE MAP
 This map is preliminary and has
 not been edited or reviewed for
 conformity with Geological Survey
 standards or nomenclature.

GEOLOGIC MAP OF NEW ENGLAND

Compiled from State Maps of New Hampshire, Vermont, New York, Massachusetts,
 and from other published and unpublished sources

