

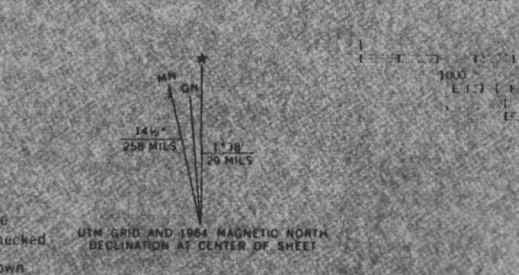
- EXPLANATION:**
- P^1 Rhode Island Formation
 - P^2 Wansatta Formation
 - P_{df} Diamond Hill granite and gneiss
 - D_{qv} Diamond Hill quartz veins
 - D_{hp} Hoppin Formation
 - D_{qm} Dedham Quartz Monzonite
 - 1 Arnold Mill Formation of Doll (1931)
 - 2 Wrentham Formation of Doll (1931)
 - 3 Granite of Doll (1931) (29)
 - axis of syncline
 - axis of syncline northeast
 - fault, inferred
 - plant fossil
 - teeth on hanging wall
 - strike-slip fault showing relative motion
 - bedrock exposures roughly located and closely spaced
 - 45° strike and dip of cleavage
 - 45° strike and dip of cleavage and bedding
 - SS sandstone
 - agl conglomerate

- SOURCES:**
- Quinn, A.W., 1971, Bedrock Geology of Rhode Island, U.S.G.S. Bull. 1295
 - Doll, C.G., 1931, Geology of the northwest corner of the Narragansett Basin, Harvard Univ. student report, 21 p., 12 pls.
 - undated data (Doll, 1931)
 - (245A) R.C. Lyons, U.S.G.S., 1977, fossils collected 7/29/77 by Lyons, Zen, and Goldsmith
 - (11) R.C. Lyons, U.S.G.S., 1977
 - W WARREN POWERS (1974)
 - G R. GOLDSMITH, UNPUB. DATA, DEPT. COMMON, 1977

Geology compiled by
P.C. Lyons, U.S.G.S.
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Mapped, edited, and published by the Geological Survey
Centrally USGS, USCSGS, and Massachusetts Geologic Survey
Topography by planimetric surveys 1938-39. Revised 1964
Polyconic projection, 1927 North American datum
30,000-foot grid based on Massachusetts coordinate system
Main and zone, and Rhode Island coordinate system
1:250,000 scale longitudinal transfer on Mercator grid lines
cone 19, shown in blue



SCALE 1:24,000
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

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ROAD CLASSIFICATION
Heavy duty
Medium duty
Light duty
Unimproved dirt
Interstate Route
State Route

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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Massachusetts (Narragansett Basin), Geol. 1:31,250, 1977
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