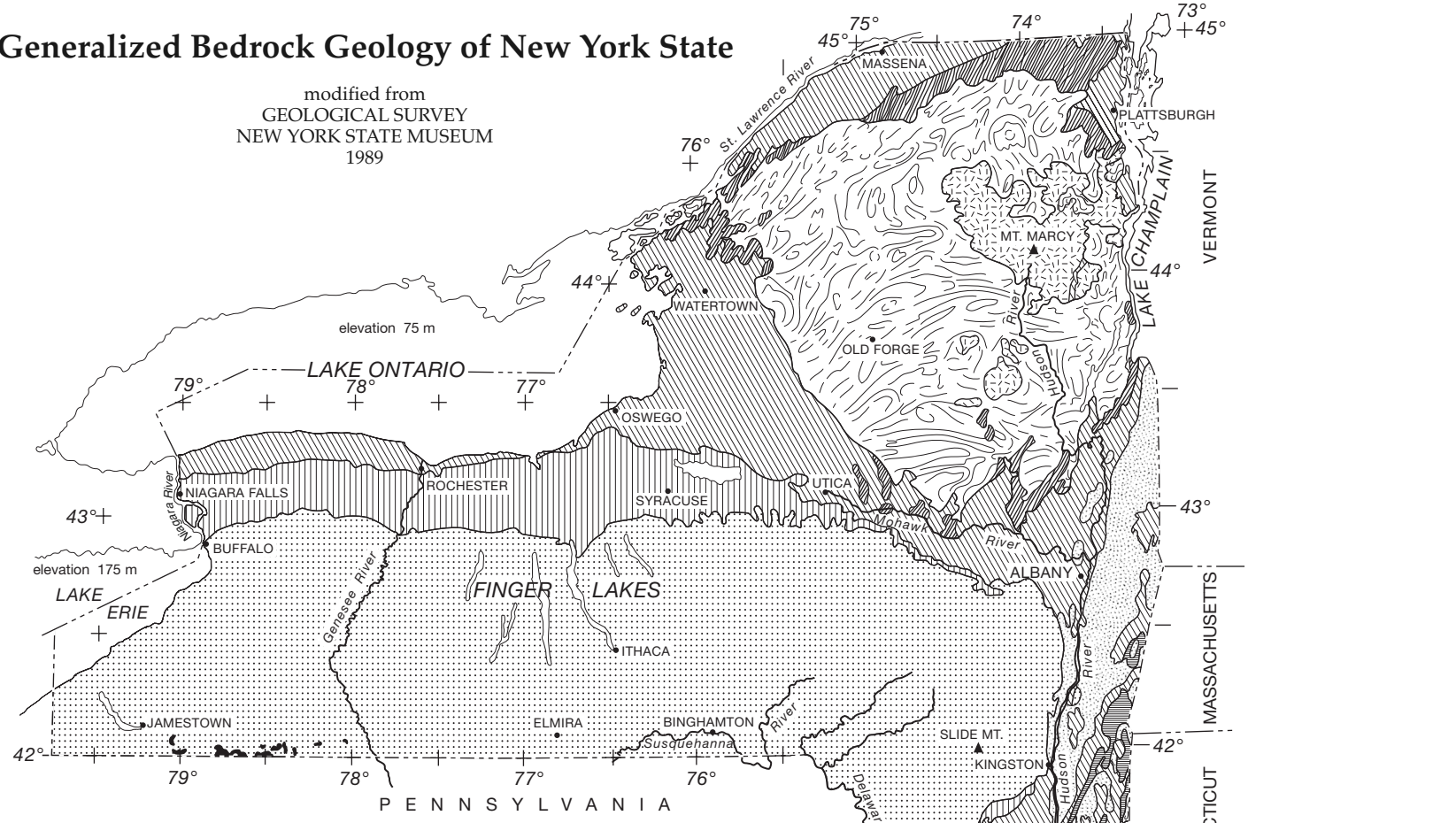


Generalized Bedrock Geology of New York State

modified from
 GEOLOGICAL SURVEY
 NEW YORK STATE MUSEUM
 1989



GEOLOGIC PERIODS AND ERAS IN NEW YORK

- | | |
|--|--|
| | CRETACEOUS and PLEISTOCENE (Epoch) weakly consolidated to unconsolidated gravels, sands, and clays |
| | LATE TRIASSIC and EARLY JURASSIC conglomerates, red sandstones, red shales, basalt, and diabase (Palisades sill) |
| | PENNSYLVANIAN and MISSISSIPPIAN conglomerates, sandstones, and shales |
| | DEVONIAN } limestones, shales, sandstones, and conglomerates |
| | |
| | ORDOVICIAN } limestones, shales, sandstones, and dolostones |
| | |
| | CAMBRIAN and EARLY ORDOVICIAN sandstones and dolostones
<i>moderately to intensely metamorphosed east of the Hudson River</i> |
| | CAMBRIAN and ORDOVICIAN (undifferentiated) quartzites, dolostones, marbles, and schists
<i>intensely metamorphosed; includes portions of the Taconic Sequence and Cortlandt Complex</i> |
| | TACONIC SEQUENCE sandstones, shales, and slates
<i>slightly to intensely metamorphosed rocks of CAMBRIAN through MIDDLE ORDOVICIAN ages</i> |
| | MIDDLE PROTEROZOIC gneisses, quartzites, and marbles
<i>Lines are generalized structure trends.</i> |
| | MIDDLE PROTEROZOIC anorthositic rocks |

Dominantly
sedimentary
origin

Dominantly
metamorphosed
rocks

Intensely metamorphosed rocks
(regional metamorphism about 1,000 m.y.a.)

