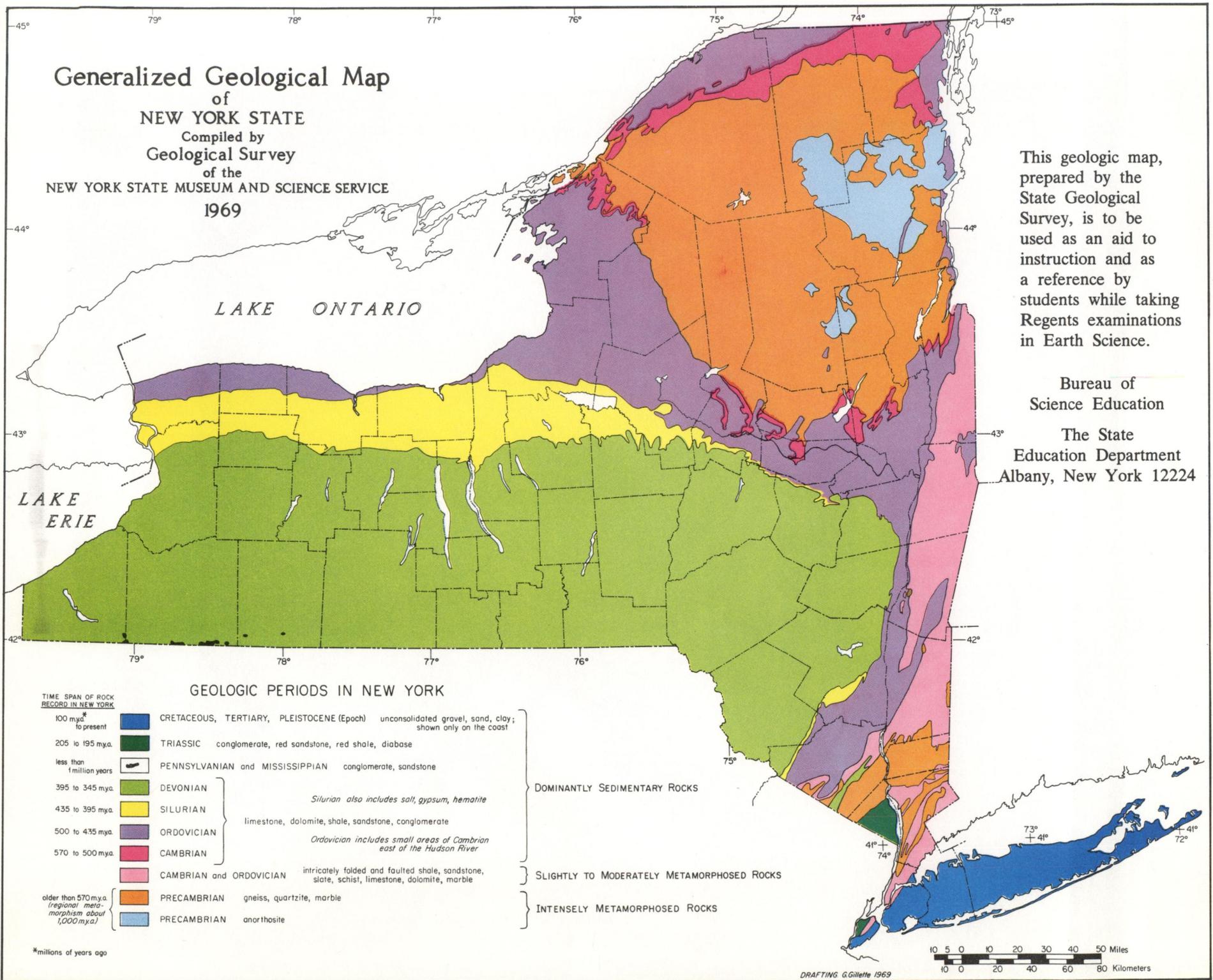


Generalized Geological Map
of
NEW YORK STATE
Compiled by
Geological Survey
of the
NEW YORK STATE MUSEUM AND SCIENCE SERVICE
1969

This geologic map, prepared by the State Geological Survey, is to be used as an aid to instruction and as a reference by students while taking Regents examinations in Earth Science.

Bureau of
Science Education
The State
Education Department
Albany, New York 12224



GEOLOGIC PERIODS IN NEW YORK

TIME SPAN OF ROCK RECORD IN NEW YORK

100 mya.* to present		CRETACEOUS, TERTIARY, PLEISTOCENE (Epoch)	unconsolidated gravel, sand, clay; shown only on the coast
205 to 195 mya.		TRIASSIC	conglomerate, red sandstone, red shale, diabase
less than 1 million years		PENNSYLVANIAN and MISSISSIPPIAN	conglomerate, sandstone
395 to 345 mya.		DEVONIAN	} <i>Silurian also includes salt, gypsum, hematite</i>
435 to 395 mya.		SILURIAN	
500 to 435 mya.		ORDOVICIAN	} limestone, dolomite, shale, sandstone, conglomerate
570 to 500 mya.		CAMBRIAN	
		CAMBRIAN and ORDOVICIAN	} intricately folded and faulted shale, sandstone, slate, schist, limestone, dolomite, marble
		PRECAMBRIAN	
older than 570 mya. (regional metamorphism about 1,000 mya.)		PRECAMBRIAN	anorthosite

DOMINANTLY SEDIMENTARY ROCKS

SLIGHTLY TO MODERATELY METAMORPHOSED ROCKS

INTENSELY METAMORPHOSED ROCKS

*millions of years ago

