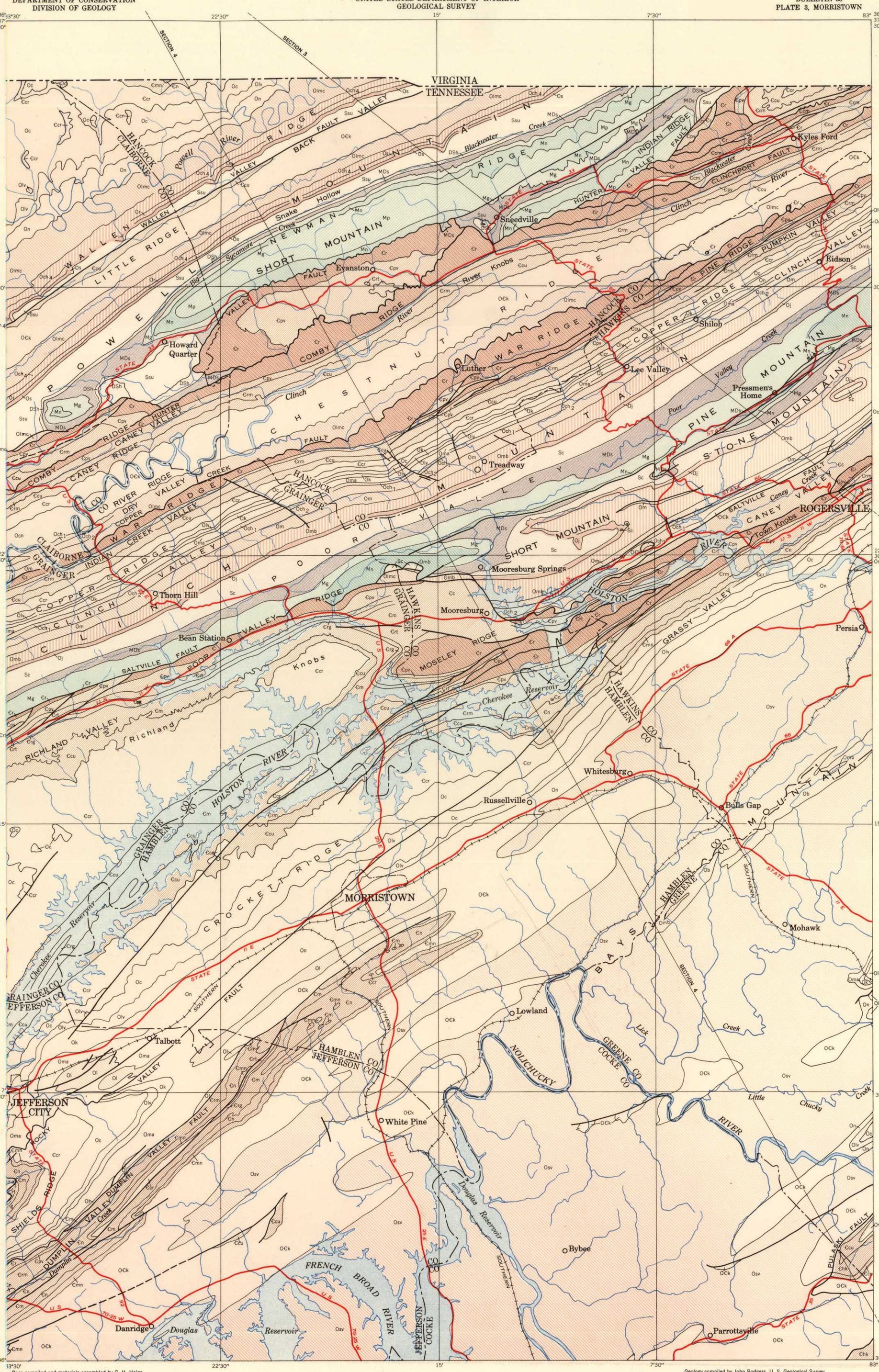
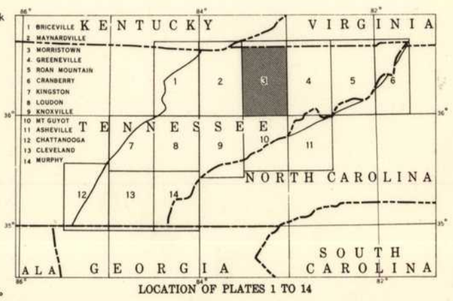


EXPLANATION

Mp — Pennington formation	Ꞓcr — Copper Ridge dolomite
Mn — Newman limestone	Ꞓc — Conasauga shale or group, undivided
Mg — Grainger Formation	Ꞓmn — Maynardville limestone
MDs — Basal Mississippian and Devonian shale	Ꞓn — Nolichucky shale
DSh — Hancock limestone	Ꞓcu — Upper Cambrian part of Conasauga group
Ssu — Silurian sandstone and shale, undivided	Ꞓm — Maryville limestone
Sc — Clinch sandstone	Ꞓrg — Rogersville shale
Os — Sequatchie formation	Ꞓrt — Rutledge limestone
Oj — Juniata formation	Ꞓrm — Rutledge, Rogersville, and Maryville formations, undivided
Or — Reedsville shale	Ꞓpv — Pumpkin Valley shale
Och4 — Chickamauga limestone, unit 4	Ꞓcm — Middle Cambrian part of Conasauga group
Omb — Martinsburg shale	Ꞓhk — Honaker dolomite
Olmc — Lower and middle parts of Chickamauga limestone	Ꞓr — Rome formation
Om — Moccasin formation	Contact
Ob — Bays formation	Fault
Och2 — Chickamauga limestone, unit 2	Fault — *Dashed where approximately located*
Och1 — Chickamauga limestone, unit 1	
Ol — Lenoir limestone	For master explanation see plate 11
Osv — Sevier shale	
OꞒk — Knox dolomite or group, undivided	
Oma — Mascot dolomite	
Ok — Kingsport formation	
On — Newala formation	
Olv — Longview dolomite	
Oc — Chepultepec dolomite	
Ocn — Chepultepec, Longview, and Newala formations, undivided	



LOCATION OF PLATES 1 TO 14

Base compiled and materials assembled by C. H. Heins, G. D. DeBuchananne and R. M. Richardson of the U. S. Geological Survey

Maps prepared for printing by N. B. Johnson, C. E. James, J. B. Canter, and others of the U. S. Geological Survey

Geology compiled by John Rodgers, U. S. Geological Survey
(For Description of sources see text)

GEOLOGIC MAP OF EAST TENNESSEE: MORRISTOWN

Scale $\frac{1}{125,000}$

1 0 5 10 Miles