

DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

STATE OF TENNESSEE
DEPARTMENT OF EDUCATION
P.L. HARNED, COMMISSIONER
DIVISION OF GEOLOGY
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TENNESSEE
CARTHAGE QUADRANGLE



Topography by C.W. Goodlove, B.A. Jenkins,
T.T. Ranney, W.B. Brewer, J.K. Bailey,
B.P. Taylor, R.E. Amidon, and W.A. Fisher.
Control by U.S. Geological Survey,
U.S. Coast and Geodetic Survey, and
Corps of Engineers, U.S. Army.
Surveyed in 1927-1929.

CHESTNUT MOUND 9 MI.
DOUBLE SPRINGS 25 MI.
LIVINGSTON 50 MI.
KNOXVILLE 160 MI.

APPROXIMATE MEAN
DECLINATION, 1929

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Scale 62500
Contour interval 20 feet
Datum is mean sea level

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION

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