

(Swanage 89-SW)
(Columbus City 89-NW)
(Albertville 90-SW)

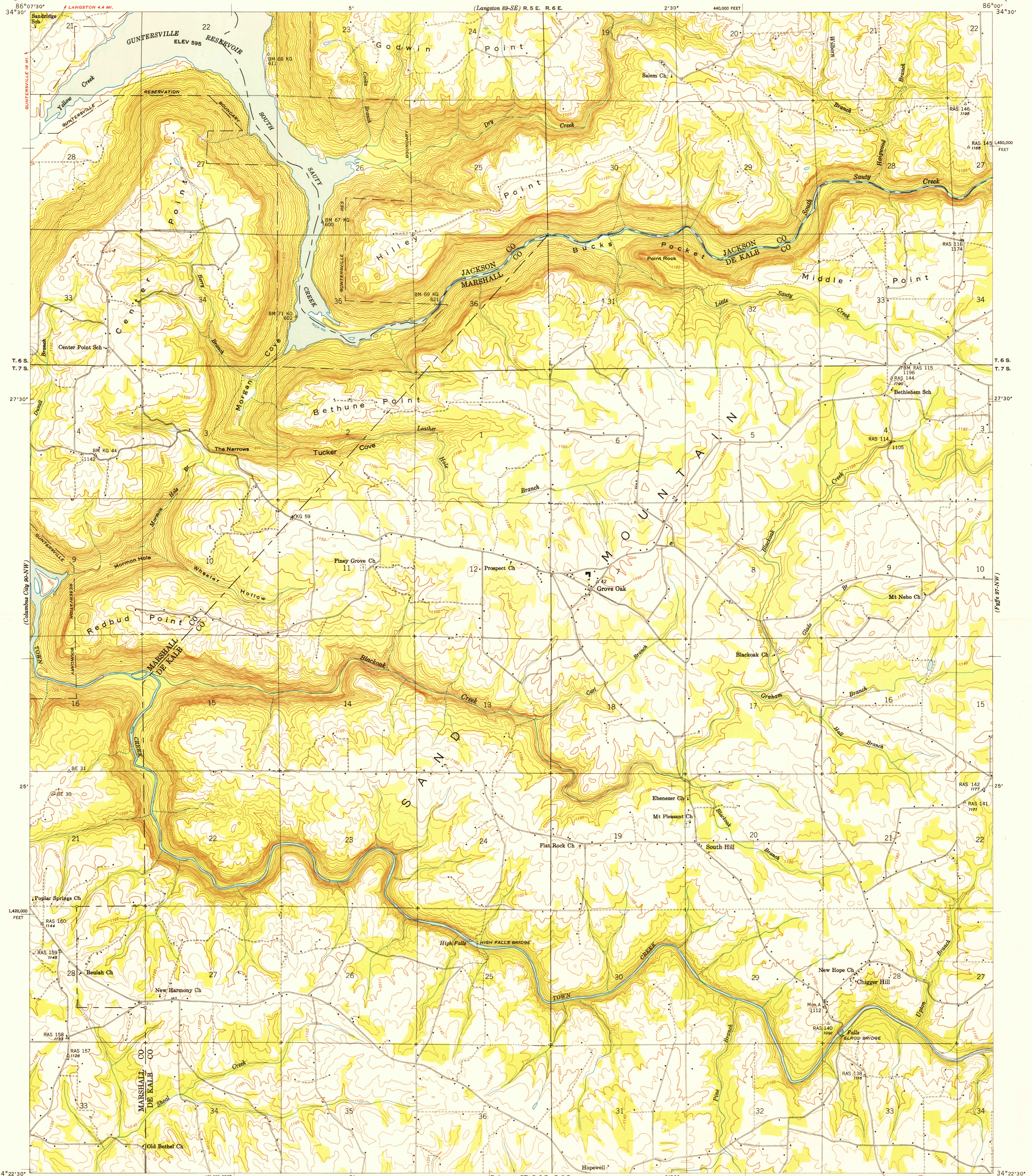
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. G. S.
FILE COPY
Inspection and Editing

UNITED STATES
TENNESSEE VALLEY AUTHORITY
MAPS AND SURVEYS BRANCH

ALABAMA
GROVE OAK QUADRANGLE
90-NE

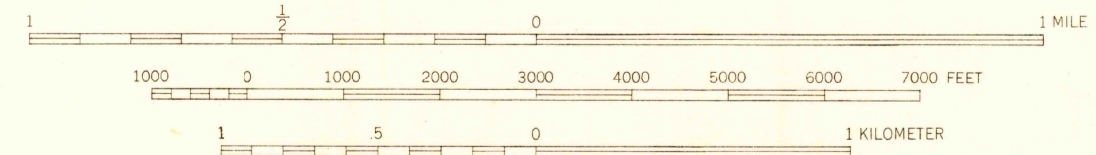
(Dutton 90-SW)
(Puff 89-NW)
(Crownville 90-SW)



Control by USC&GS, USGS, and TVA
Topography by USGS and TVA from aerial
photographs by stereophotogrammetric methods
Field examination by Tennessee Valley Authority, 1946
Maps distributed by the Geological Survey

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1949

SCALE 1:24000



Contour interval 20 feet
Datum is mean sea level

U. S. G. S.
FILE COPY
Inspection and Editing
HISTORICAL

USGS
Historical File
Topographic Division

GROVE OAK, ALA.
90-NE

Edition of 1949
N3422.5-W8600/7.5

ROUTES USUALLY TRAVELED
HARD IMPROVED SURFACES
OTHER SURFACE IMPROVEMENTS
U. S. ROUTE STATE ROUTE

Polyconic projection. 1927 North American datum
10,000 foot grid based on Alabama (East)
rectangular coordinate system