



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY: USGS AND NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1983  
FIELD CHECKED 1982 MAP EDITED 1984  
PROJECTION: UNIVERSAL TRANSVERSE MERCATOR  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR  
ZONE 15  
HORIZONTAL DATUM: MISSOURI CENTRAL ZONE  
UTM GRID DECLINATION: 01°17' WEST  
1984 MAGNETIC NORTH DECLINATION: 5°00' EAST  
VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929  
HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM  
To place on the predicted North American Datum of 1983,  
move the projection lines as shown by dashed corner ticks  
(2 meters north and 17 meters east)  
There may be private inholdings within the boundaries of any  
Federal and State Reservations shown on this map.  
No distinction made between houses, barns, and other buildings

PROVISIONAL MAP  
Produced from original  
manuscript drawings. Infor-  
mation shown as of date of  
photography. 1

SCALE 1:24 000  
KILOMETERS  
METERS  
MILES  
FOOT  
CONTOUR INTERVAL 4 METERS  
SUPPLEMENTAL CONTOUR INTERVAL 2 METERS  
CONTROL AND FIELD ESTABLISHED ELEVATIONS SHOWN TO THE NEAREST 0.1 METER  
OTHER ELEVATIONS SHOWN TO THE NEAREST METER  
To convert meters to feet multiply by 3.2808  
To convert feet to meters multiply by 0.3048  
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
AND DIVISION OF GEOLOGY AND LAND SURVEY  
MISSOURI DEPARTMENT OF NATURAL RESOURCES, ROLLA, MISSOURI 65401

CONTOURS AND ELEVATIONS IN METERS  
ROAD LEGEND  
Improved Road  
Unimproved Road  
Trail  
Interstate Route U.S. Route State Route  
QUADRANGLE LOCATION  
MISSOURI  
FARMERSVILLE  
Chul  
FARMERSVILLE  
Chilli-co-the  
Meadville  
Utica East  
Avalon  
Fountain Grove  
WHEELING, MISSOURI  
PROVISIONAL EDITION 1984  
39093G4-TM-024