



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY... USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN... 1980
FIELD CHECKED... 1982... MAP EDITED... 1984
PROJECTION... UNIVERSAL TRANSVERSE MERCATOR
GRID... 100-METER UNIVERSAL TRANSVERSE MERCATOR
ZONE 15
1000-FOOT STATE GRID TICS... MISSOURI CENTRAL ZONE
UTM GRID DECLINATION... 0°17' WEST
1984 MAGNETIC NORTH DECLINATION... 5°00' EAST
VERTICAL DATUM... NATIONAL GEODETIC 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
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
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
ADJOINING 7.5' QUADRANGLE NAMES
1 2 3
4 5
6 7 8
1 Chillicothe
2 Wheeling
3 Mendville
4 Ulica East
5 Fountain Grove
6 Coloma
7 Tina
8 Hale
AVALON, MISSOURI
PROVISIONAL EDITION 1984
39093-F4-TM-024