UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BIRCH TREE QUADRANGLE
MISSOURI
7.5 MINUTE SERIES (TOPOGRAPHIC)

Birch Tree
Roadside Park
Wooden Pole Trans Line
Substa
BM 990.5
BM 1057.0
BM 1025.5
BM 1016.5
BM 1004.5
BM 997.0
BM 958.0
BM 1000.0
BM 774.0
BM 871.0
Cave Spring
Fisher Pond
Lookout Tower
Banner
Cem
Ford
Mine
Pit
Hurricane Creek
Birch Creek
Fox Creek
South Fork Hurricane Creek
Grassy Hollow
Wet Hollow
Camp Hollow
Two Mule Hollow
Sheep Ranch
Big Hollow
Bull Camp Hollow
Bee Fork
Boundary
B A R T L E T T
B I R C H T R E E
W I N O N A
MARK TWAIN NATIONAL FOREST
B L A C K P O N D F O R E S T
F R A N K S
SHANNON CO
OREGON CO
R 5 W R 4 W
T 27 N
T 26 N

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY . . . . . USGS AND NOS/NOAA
COMPILED BY DIGITAL-PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHS TAKEN 1980
FIELD CHECKED . . . . . 1981. MAP EDITED 1982
PROJECTION . . . . . TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR . . . . . ZONE 15
10,000-FOOT STATE GRID TICKS . . . . . MISSOURI, EAST ZONE
UTM GRID DECLINATION . . . . . 0°56' EAST
1980 MAGNETIC NORTH DECLINATION . . . . . 3°30' 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 (3 meters south and 12 meters east)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map
Gray tint indicates area in which selected buildings are shown
All lettering generated and positioned by automated type placement procedures

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check. 3

NORTH

SCALE 1:24 000
1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET
1 .5 0 1 2 KILOMETERS
1000 0 METERS 1000 2000

CONTOUR INTERVAL 20 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.5 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND THE DIVISION OF GEOLOGY AND LAND SURVEY
MISSOURI DEPARTMENT OF NATURAL RESOURCES, ROLLA, MISSOURI 65401

MISSOURI
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Jam Up Cave
2 Bartlett
3 Winona
4 Montier
5 Low Wassie
6 Thomasville
7 Piedmont Hollow
8 Greer

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND
Improved Road . . . . . ==========
Unimproved Road . . . . . - - - - - -
Trail . . . . . - - - - - - - - - -
Interstate Route U.S. Route State Route

BIRCH TREE, MISSOURI
PROVISIONAL EDITION 1982
36091-H4-TF-024

JUL 22 1982
3100
RETURN TO:
USGS MMD HISTORICAL MAP ARCHIVES

INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1982