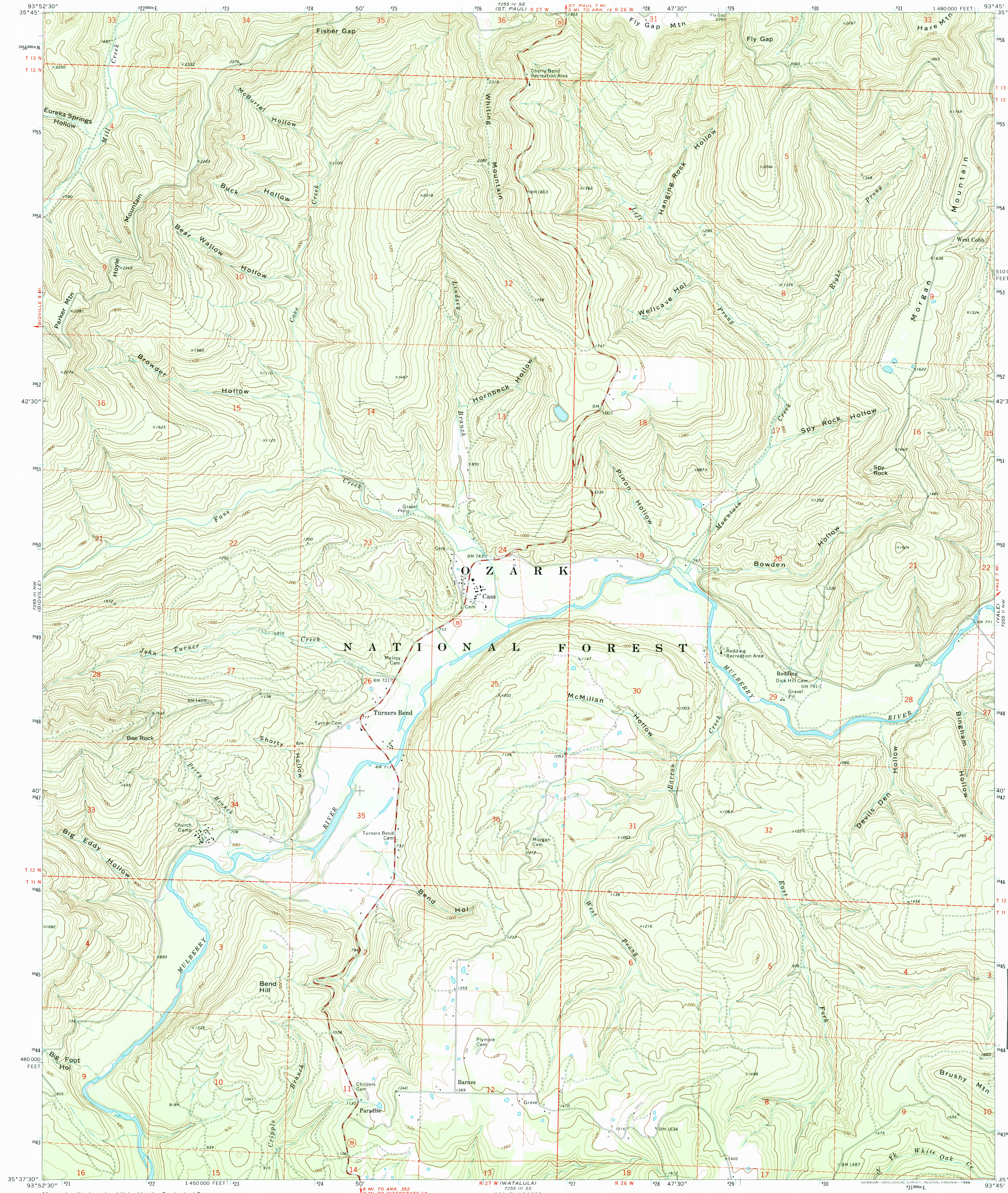
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

CASS QUADRANGLE
ARKANSAS—FRANKLIN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 WATALULA 15′ QUADRANGLE



Mapped, edited, and published by the Geological Survey

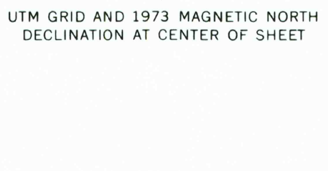
Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1972. Field checked 1973

Projection and 10,000-foot grid ticks: Arkansas coordinate system, north zone (Lambert conformal conic)
1000-metre Universal Transverse Mercator grid ticks, zone 15, shown in blue. 1927 North American datum

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

To place on the predicted North American Datum 1983, move the projection lines 10 meters south and 18 meters east as shown by dashed corner ticks



UTM GRID AND 1973 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETRE

CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND BY THE ARKANSAS GEOLOGICAL COMMISSION, LITTLE ROCK, ARKANSAS 72201
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road

Interstate Route U. S. Route State Route

CASS, ARK.
NE/4 WATALULA 15′ QUADRANGLE

1973

DMA 7255 III NE—SERIES V884

ISBN 0-607-05417-4

US GEOLOGICAL SURVEY LIBRARY
MAR 07 2008
RESTON, VA

USGS Library
Reston, VA.
Topo Archive

USGS LIBRARY - RESTON
3 1818 00533333 9