



Prepared by the Army Map Service (AMTS), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1954 by photogrammetric (multiple-stereo-plotting) methods and from United States Quadrangles, 1:250,000, 1:250,000, 1:62,500, and 1:125,000. Corps of Engineers and U.S. Geological Survey, edition 1987-1990 and County Highway Maps, revised 1981-83. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USCGS, USGS, and CE. Map field checked 1953.

100,000-foot grid based on Arkansas coordinate system, north zone

**LEGEND**

ROAD DATA 1953  
Figures in red denote approximate distances in miles between stars

**POPULATED PLACES**

- Over 500,000
- 100,000 to 500,000
- 25,000 to 100,000
- 5,000 to 25,000
- 1,000 to 5,000
- Less than 1,000

**ROADS**

- Hard surface, heavy duty
- Two lanes wide; Federal route marker
- Hard surface, medium duty
- More than two lanes wide
- Two lanes wide; State route marker
- Improved light duty
- Dirt
- Trail

**RAILROADS**

- Standard gauge
- Single track
- Double or multiple track
- Narrow gauge
- Landplane airport
- Landing area
- Seaplane airport
- Levee
- Woods brushwood

**BOUNDARIES**

- International
- State
- County
- Park or reservation

**Landmarks: School; Church; Other, etc.**

- Horizontal control point
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

**Scale 1:250,000**

0 5 10 15 20 25 30 Miles

0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

**CONTOUR INTERVAL 100 FEET**  
**WITH SUPPLEMENTARY CONTOURS AT 50 FOOT INTERVALS**  
**TRANSVERSE MERCATOR PROJECTION**

BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 15

1985 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 7°45' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 6°30' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°01' WESTERLY.

**LOCATION DIAGRAM**

1. Read letters identifying 100,000 metre square in which the point lies

2. Locate first VERTICAL, and line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself

3. Locate first HORIZONTAL, and line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself

4. Estimate tenths from grid line to point

**SECTIONIZED TOWNSHIP**

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

**GRID ZONE DESIGNATION**

100,000 M. SQUARE IDENTIFICATION

1. Read letters identifying 100,000 metre square in which the point lies

2. Locate first VERTICAL, and line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself

3. Locate first HORIZONTAL, and line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself

4. Estimate tenths from grid line to point

**TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METRES**

**SAMPLE POINT COORDINATES**

WK	WK	WK	WK	WK	WK
WK	WK	WK	WK	WK	WK

**IGNORE THE SMALLER figures of any grid number, these are for finding the full coordinates. Use ONLY the LARGER figure of the grid number.**

example: 3800000

**SAMPLE REFERENCE**

1. Reading shown 38' in any direction

2. Reading shown 38' in any direction

3. Reading shown 38' in any direction

4. Reading shown 38' in any direction

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RUSSELLVILLE, ARKANSAS