



Prepared by the Army Map Service (AMS), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1954 by photogrammetric (multiple) methods and from AMS quadrangles, 1:250,000, 1949-54; and County and Parish Highway maps, revised 1950-54. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USGS, USCGS, and USCE. Map field checked 1953. Limited revision by U.S. Geological Survey 1965.

100,000-foot grids based on Mississippi coordinate system, west zone and Arkansas coordinate system, south zone.

LEGEND

ROAD DATA 1953 PARTIALLY REVISED 1965

Figures in red indicate road surface 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
Los Angeles	Omaha	Galveston	Laramie	Grand Coulee

ROADS

Hard surface, heavy duty	Hard surface, medium duty	Two lanes wide, State route marker	Improved light duty	Dirt	Sun Valley	Trail
--------------------------	---------------------------	------------------------------------	---------------------	------	------------	-------

RAILROADS

Standard gauge	Narrow gauge	Inter-national	State	County; Parish	Park or reservation
----------------	--------------	----------------	-------	----------------	---------------------

LANDS & LAKES

Land	Water	Marsh or swamp	Intermittent or dry stream	Power line
------	-------	----------------	----------------------------	------------

BOUNDARIES

International	State	County; Parish	Park or reservation
---------------	-------	----------------	---------------------

Other Symbols

Landmark: School; Church; Other	Horizontal control point	Spot elevation in feet
---------------------------------	--------------------------	------------------------

Approximate road alignment

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 50 FEET
WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

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

1960 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 6°45' EASTERN FOR THE CENTER OF THE WEST EDGE TO 2°45' EASTERN FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0.01" WESTERLY.

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

LOCATION DIAGRAM

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

SECTIONIZED TOWNSHIP

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

UCCS
Historical File
Topographic Division

GRID ZONE DESIGNATION

18S

TO GIVE A STANDARD REFERENCE TO THIS SHEET TO NEARLY 200 METERS

SAMPLE POINT NAMES

WH	XH	YH	XG
WG	XG	YG	

1. Read letters identifying 100,000 meter square in which the point lies:
2. Locate first WESTING and line to LEFT of point and read LARGE figure (shading the line ends on the top or bottom edge) on the top line:
3. Locate first NORTHING and line to point and read LARGE figure (shading the line ends on the left or right margin, or on the top line):
4. Estimate tenths from grid line to point:
5. Repeat steps 2 and 3 for the second line of the grid number:
6. Example: 18S 090000 150000

UCCS
Historical File
Topographic Division

1953
LIMITED REVISION 1965

7900

MAY 23 1978