



Prepared by the U.S. Army Topographic Command (ASCC), Washington, D.C. Compiled in 1955 by photogrammetric methods and from United States quadrangles, 1:25,000, 1949. Planimetry revised from aerial photographs taken 1954. Photographs field annotated 1955. Revised by the U.S. Geological Survey 1969.

Transverse Mercator Projection, 10,000-meter Universal Transverse Mercator grid, zone 14. 100,000-foot grid ticks based on Kansas north coordinate system, 1927 North American datum. To place on the predicted North American Datum 1983 move the projection lines 3 meters north and 26 meters west.

Areas covered by dashed light-blue pattern are subject to controlled inundation.

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.

There may be private inholdings within the boundaries of National or State reservations shown on this map.

**LEGEND**

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**

- Primary, all-weather, hard surface
- Secondary, all-weather, hard surface
- Light-duty, all-weather, hard or improved surface
- Fair or dry weather, unimproved surface
- Trail
- Grand Coulee Interchange
- Sun Valley

**RAILROADS**

- Standard gauge
- Single track
- Double or Multiple track
- Interlocking
- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Woods-brushwood

**BOUNDARIES**

- National
- State
- County
- Park or reservation

**Other Symbols**

- Interstate, U.S., State
- Route markers
- Mine
- Landmark: School, Church, Other
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

**CONTOUR INTERVAL 50 FEET**

1965 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 9W (170 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 8W (150 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

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

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**LOCATION DIAGRAM**

NK 14-7	NK 14-8	NK 14-9	NK 14-10	NK 14-11	NK 14-12	NK 14-13	NK 14-14	NK 14-15	NK 14-16	NK 14-17	NK 14-18	NK 14-19	NK 14-20	NK 14-21	NK 14-22	NK 14-23	NK 14-24	NK 14-25	NK 14-26	NK 14-27	NK 14-28	NK 14-29	NK 14-30	NK 14-31	NK 14-32	NK 14-33	NK 14-34	NK 14-35	NK 14-36
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**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**

18S

**TO GIVE A STANDARD REFERENCE OR THIS SHEET TO NEAREST 100 METERS**

**SAMPLE POINT: BANCH**

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

2. Locate first VERTICAL grid 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. Estimate tenths from grid line to point: on the line itself.

**SAMPLE REFERENCE:**

18S 70 20 21 22 23 24

18S 70 21 22 23 24

18S 70 22 23 24

18S 70 23 24

18S 70 24

18S 70

18S

MANHATTAN, KANSAS

1955

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