



PRODUCED BY THE U. S. GEOLOGICAL SURVEY
 Base map prepared by Defense Mapping Agency by photogrammetric methods and from 1:24,000 and 1:62,500 scale maps dated 1946-49. Field checked 1954-55. Revised by the U. S. Geological Survey from aerial photographs taken 1977 and other source data. Revised information not field checked. Map edited 1980.
 Transverse Mercator Projection, 10,000-meter Universal Transverse Mercator grid, zone 13. 100,000-foot grid ticks based on Nebraska coordinate system, north zone, 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 6 meters north and 42 meters east.
 Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.
 There may be private inholding within the boundaries of the National or State reservations shown on this map.

LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES

Over 500,000 **LOS ANGELES**

100,000 to 500,000 **OMAHA**

25,000 to 100,000 **Durango**

5,000 to 25,000 **Grand Coulee**

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

Interchange

RAILROADS

Normal gauge

Narrow gauge

Single track

Double or multiple track

Landplane airport

Landing area

Seaplane airport

Seaplane anchorage

Woods/bushwood

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 100 FEET

1980 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 12° 21' 00" MILS EASTERLY FOR THE CENTER OF THE WEST EDGE TO 10° 11' 00" MILS EASTERLY FOR THE CENTER OF THE EAST EDGE

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

LOCATION DIAGRAM

NL 13-10	NL 13-11	NL 14-10	NL 14-11
NK 13-11	NK 13-12	NK 14-11	NK 14-12
NK 13-13	NK 13-14	NK 14-12	NK 14-13
NK 13-14	NK 13-15	NK 14-13	NK 14-14
NK 13-15	NK 13-16	NK 14-14	NK 14-15
NK 13-16	NK 13-17	NK 14-15	NK 14-16
NK 13-17	NK 13-18	NK 14-16	NK 14-17
NK 13-18	NK 13-19	NK 14-17	NK 14-18
NK 13-19	NK 13-20	NK 14-18	NK 14-19
NK 13-20	NK 13-21	NK 14-19	NK 14-20

SECTIONIZED TOWNSHIP

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

GRID ZONE DESIGNATION

18T UTM

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

SAMPLE POINT IDENTIFICATION

ET	FT	GT
FS	FS	GS

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

example: 460000

STANDARD REFERENCE

137979223

ALLIANCE, NEBRASKA; SOUTH DAKOTA

1955
REVISED 1980

USGS HISTORICAL FILE MAY 28 1981 NATIONAL MAPPING DIVISION