

Prepared by the Army Map Service (BEE), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1954 by photogrammetric methods and from USGS quadrangles, 1:24,000, 1947-50. Planimetric detail revised by photo-planimetric methods. Horizontal and vertical control by USGS and USCGS. Photography field annotated 1954. Minor corrections by U.S. Geological Survey, 1962.

100,000-foot grids based on New Mexico coordinate system, west zone and Arizona coordinate system, east zone.

10,000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue.

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

Standard gauge
Narrow gauge
International
State
County
Park or reservation

RAILROADS

Single track double or multiple
Interurban
Steam locomotive
Electric
Diesel locomotive
Passenger
Freight
Interurban
Steam locomotive
Electric
Diesel locomotive
Passenger
Freight

LANDMARKS

School; Church; Other, etc.
Horizontal control point
Spot elevation in feet
Marsh or swamp
Intermittent or dry stream
Power line

BOUNDARIES

State
County
Park or reservation

Other

Landplane airport
Landing area
Seaplane airport
Dry lake
Woods/brushwood

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

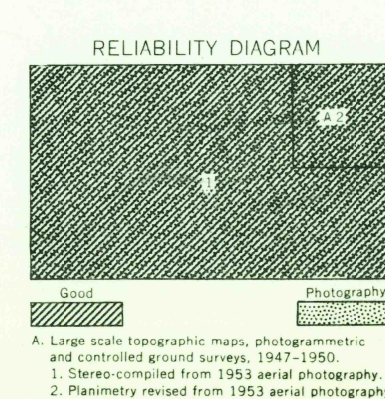
CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 15°11' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 12°41' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 9"00" WESTERLY.

LOCATION DIAGRAM FOR NI 12-12

NI 12-4 PRESCOTT	NI 12-5 PHOENIX	NI 12-6 SILVER CITY	NI 12-7 TULSA	NI 12-8 OKLAHOMA CITY	NI 12-9 DAVIDSON	NI 12-10 MEMPHIS	NI 12-11 KANSAS CITY	NI 12-12 ST. LOUIS	NI 12-13 CHICAGO	NI 12-14 INDIANAPOLIS	NI 12-15 CINCINNATI	NI 12-16 COLUMBUS	NI 12-17 DETROIT	NI 12-18 ANN ARBOR	NI 12-19 LANSING	NI 12-20 FLINT	NI 12-21 TOLEDO	NI 12-22 DAYTON	NI 12-23 CLEVELAND	NI 12-24 COLUMBUS	NI 12-25 INDIANAPOLIS	NI 12-26 CHICAGO	NI 12-27 ST. LOUIS	NI 12-28 KANSAS CITY	NI 12-29 TULSA	NI 12-30 OKLAHOMA CITY	NI 12-31 DAVIDSON	NI 12-32 MEMPHIS	NI 12-33 KANSAS CITY	NI 12-34 ST. LOUIS	NI 12-35 CHICAGO	NI 12-36 COLUMBUS	NI 12-37 INDIANAPOLIS	NI 12-38 CINCINNATI	NI 12-39 COLUMBUS	NI 12-40 DETROIT	NI 12-41 ANN ARBOR	NI 12-42 LANSING	NI 12-43 FLINT	NI 12-44 TOLEDO	NI 12-45 DAYTON	NI 12-46 CLEVELAND	NI 12-47 COLUMBUS	NI 12-48 INDIANAPOLIS	NI 12-49 CHICAGO	NI 12-50 ST. LOUIS	NI 12-51 KANSAS CITY	NI 12-52 TULSA	NI 12-53 OKLAHOMA CITY	NI 12-54 DAVIDSON	NI 12-55 MEMPHIS	NI 12-56 KANSAS CITY	NI 12-57 ST. LOUIS	NI 12-58 CHICAGO	NI 12-59 COLUMBUS	NI 12-60 INDIANAPOLIS	NI 12-61 CINCINNATI	NI 12-62 COLUMBUS	NI 12-63 DETROIT	NI 12-64 ANN ARBOR	NI 12-65 LANSING	NI 12-66 FLINT	NI 12-67 TOLEDO	NI 12-68 DAYTON	NI 12-69 CLEVELAND	NI 12-70 COLUMBUS	NI 12-71 INDIANAPOLIS	NI 12-72 CHICAGO	NI 12-73 ST. LOUIS	NI 12-74 KANSAS CITY	NI 12-75 TULSA	NI 12-76 OKLAHOMA CITY	NI 12-77 DAVIDSON	NI 12-78 MEMPHIS	NI 12-79 KANSAS CITY	NI 12-80 ST. LOUIS	NI 12-81 CHICAGO	NI 12-82 COLUMBUS	NI 12-83 INDIANAPOLIS	NI 12-84 CINCINNATI	NI 12-85 COLUMBUS	NI 12-86 DETROIT	NI 12-87 ANN ARBOR	NI 12-88 LANSING	NI 12-89 FLINT	NI 12-90 TOLEDO	NI 12-91 DAYTON	NI 12-92 CLEVELAND	NI 12-93 COLUMBUS	NI 12-94 INDIANAPOLIS	NI 12-95 CHICAGO	NI 12-96 ST. LOUIS	NI 12-97 KANSAS CITY	NI 12-98 TULSA	NI 12-99 OKLAHOMA CITY	NI 13-00 DAVIDSON	NI 13-01 MEMPHIS	NI 13-02 KANSAS CITY	NI 13-03 ST. LOUIS	NI 13-04 CHICAGO	NI 13-05 COLUMBUS	NI 13-06 INDIANAPOLIS	NI 13-07 CINCINNATI	NI 13-08 COLUMBUS	NI 13-09 DETROIT	NI 13-10 ANN ARBOR	NI 13-11 LANSING	NI 13-12 FLINT	NI 13-13 TOLEDO	NI 13-14 DAYTON	NI 13-15 CLEVELAND	NI 13-16 COLUMBUS	NI 13-17 INDIANAPOLIS	NI 13-18 CHICAGO	NI 13-19 ST. LOUIS	NI 13-20 KANSAS CITY	NI 13-21 TULSA	NI 13-22 OKLAHOMA CITY	NI 13-23 DAVIDSON	NI 13-24 MEMPHIS	NI 13-25 KANSAS CITY	NI 13-26 ST. LOUIS	NI 13-27 CHICAGO	NI 13-28 COLUMBUS	NI 13-29 INDIANAPOLIS	NI 13-30 CINCINNATI	NI 13-31 COLUMBUS	NI 13-32 DETROIT	NI 13-33 ANN ARBOR	NI 13-34 LANSING	NI 13-35 FLINT	NI 13-36 TOLEDO	NI 13-37 DAYTON	NI 13-38 CLEVELAND	NI 13-39 COLUMBUS	NI 13-40 INDIANAPOLIS	NI 13-41 CHICAGO	NI 13-42 ST. LOUIS	NI 13-43 KANSAS CITY	NI 13-44 TULSA	NI 13-45 OKLAHOMA CITY	NI 13-46 DAVIDSON	NI 13-47 MEMPHIS	NI 13-48 KANSAS CITY	NI 13-49 ST. LOUIS	NI 13-50 CHICAGO	NI 13-51 COLUMBUS	NI 13-52 INDIANAPOLIS	NI 13-53 CINCINNATI	NI 13-54 COLUMBUS	NI 13-55 DETROIT	NI 13-56 ANN ARBOR	NI 13-57 LANSING	NI 13-58 FLINT	NI 13-59 TOLEDO	NI 13-60 DAYTON	NI 13-61 CLEVELAND	NI 13-62 COLUMBUS	NI 13-63 INDIANAPOLIS	NI 13-64 CHICAGO	NI 13-65 ST. LOUIS	NI 13-66 KANSAS CITY	NI 13-67 TULSA	NI 13-68 OKLAHOMA CITY	NI 13-69 DAVIDSON	NI 13-70 MEMPHIS	NI 13-71 KANSAS CITY	NI 13-72 ST. LOUIS	NI 13-73 CHICAGO	NI 13-74 COLUMBUS	NI 13-75 INDIANAPOLIS	NI 13-76 CINCINNATI	NI 13-77 COLUMBUS	NI 13-78 DETROIT	NI 13-79 ANN ARBOR	NI 13-80 LANSING	NI 13-81 FLINT	NI 13-82 TOLEDO	NI 13-83 DAYTON	NI 13-84 CLEVELAND	NI 13-85 COLUMBUS	NI 13-86 INDIANAPOLIS	NI 13-87 CHICAGO	NI 13-88 ST. LOUIS	NI 13-89 KANSAS CITY	NI 13-90 TULSA	NI 13-91 OKLAHOMA CITY	NI 13-92 DAVIDSON	NI 13-93 MEMPHIS	NI 13-94 KANSAS CITY	NI 13-95 ST. LOUIS	NI 13-96 CHICAGO	NI 13-97 COLUMBUS	NI 13-98 INDIANAPOLIS	NI 13-99 CINCINNATI	NI 14-00 COLUMBUS
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USGS
Historical File
Topographic Division

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

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

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