UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF KANSAS
UNIVERSITY OF KANSAS
STATE GEOLOGICAL SURVEY

OTTAWA NORTH QUADRANGLE
KANSAS
7.5 MINUTE SERIES (TOPOGRAPHIC)

6961 IV SW (GLOBE)
6961 IV SE (LONE STAR)
6961 I SW (BALDWIN)
6961 III NW (OTTAWA NW)
6961 III SW (POMONA)
6961 III SE (OTTAWA SOUTH)
6961 I NW (LE LOUP)
6961 I SW (PEORIA)

95°22′30″ 38°45′ R. 18 E. 2 750 000 FEET (NORTH) 295 000m E. 296 WORDEN 2.3 MI. 20′ R. 19 E. 298 300 17′30″ 301 2 920 000 FEET (SOUTH) LAWRENCE (CH.) 16 MI. PLEASANT GROVE 7.3 MI. 304 95°15′ 38°45′

160 000 FEET (NORTH) 4291 000m N. 770 000 FEET (SOUTH) 4279 000m N. 730 000 FEET (SOUTH) 120 000 FEET (NORTH)

42′30″ 40′ 38°37′30″

T. 15 S. T. 16 S.

2 900 000 FEET (SOUTH) 2 780 000 FEET (NORTH)

MARION
WILLOW SPRINGS
CENTROPOLIS
HAYES
OTTAWA

DOUGLAS CO
FRANKLIN CO

Union Ch
Eightmile Creek
West Fork
Cole Creek
Centropolis
Minneola Sch
Minneola Creek
Old Indian Boundary
Airway Beacon
Tauy Creek
West Fork
New Union Sch
Spring Creek
Liberty Sch
Chapel Hill Sch
Natural Springs Lake
Fish Hatchery
Claypit
Sand Creek Sch
Appanoose Creek
Baxter Sch
Mt Evergreen Cem
Ottawa Junction
Trailer Park
Lincoln Sch
Country Club
Sand Creek
Atchison Topeka and Santa Fe
Missouri Pacific
Wilson St
Main St
Cherry St
Mulberry St
Oak St
Elm St
Walnut St
Hickory St
Locust St
Maple St
Logan St
Poplar St
Cedar St
Pine St
Laurel St
Hazel St
Ash St
Vine St
Olive St
Myrtle St
Rose St
Lily St
Iris St
Violet St
Aster St
Daisy St
Peony St
Orchid St
Tulip St
Willow St
Sycamore St
Cottonwood St
Elmwood St
Oakwood St
Pinewood St
Hickory St
Walnut St
Maple St
Logan St
Poplar St
Cedar St
Pine St
Laurel St
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Aster St
Daisy St
Peony St
Orchid St
Tulip St
Willow St
Sycamore St
Cottonwood St
Elmwood St
Oakwood St
Pinewood St

BM 1002 BM 1003 BM 945 BM 925 BM 957 BM 933 BM 908 BM 908 BM 909 BM 916

OTTAWA (CH.) 1.2 MI.
EMPORIA 59 MI.
NORWOOD 0.2 MI.

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1983

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by Kelsh plotter
Aerial photographs taken 1955. Field check 1956

Polyconic projection. 1927 North American datum
10,000-foot grids based on Kansas coordinate system, north and south zones
1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue

Red tint indicates area in which only landmark buildings are shown

To place on the predicted North American Datum 1983, move the projection lines 2 meters north and 22 meters east as shown by dashed corner ticks

UTM GRID AND 1983 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN MN 1°27′ 26 MILS 6° 107 MILS

SCALE 1:24 000
1 MILE
1000 FEET
1 KILOMETER

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ROAD CLASSIFICATION
Heavy-duty
Light-duty
Unimproved dirt
U. S. Route

KANSAS
QUADRANGLE LOCATION

Revisions shown in purple compiled from aerial photographs taken 1981 and other sources
This information not field checked. Map edited 1983

Purple tint indicates extension of urban area

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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OTTAWA NORTH, KANS.
N3837.5—W9515/7.5

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