



Hugoton  
KANSAS

1:100 000-scale metric  
topographic map

30 X 60 MINUTE QUADRANGLE  
SHOWING

- Contours and elevations  
in meters
- Highways, roads and other  
manmade structures
- Water features
- Woodland areas
- Geographic names

GEOLOGICAL SURVEY

1983

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps  
dated 1973-75. Planimetry revised from aerial photographs  
taken 1981 and other source data. Revised information not  
field checked. Map edited 1983

Projection and 10 000-meter grid, zone 14,  
Universal Transverse Mercator  
25 000-foot grid ticks based on Kansas coordinate  
system, south zone  
1927 North American Datum  
To place on the predicted North American Datum 1983, move  
the projection lines 2 meters north and 39 meters east  
There may be private inholdings within the boundaries of  
the National or State reservations shown on this map

CONTOUR INTERVAL 10 METERS  
NATIONAL GEODETHIC VERTICAL DATUM OF 1929  
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5275
10	32.8084

To convert meters to feet  
multiply by 3.2808  
To convert feet to meters  
multiply by 0.3048

DECLINATION DIAGRAM

ADJOINING MAPS

1	2	3
4	5	6
7	8	9

1 Two Butte Reservoir  
2 Upper  
3 Lower  
4 Springfield  
5 Union  
6 Blue City  
7 Cowen  
8 Beaver

Topographic Map Symbols

Primary highway, hard surface

Secondary highway, hard surface

Light duty road, principal street, hard or improved surface

Other road or street, trail

Route marker: Interstate, U.S., State

Railroad: standard gauge; narrow gauge

Bridge: overpass; underpass

Tunnel: road; railroad

Built up area, locality, elevation

Airport; landing field; landing strip

National boundary

State boundary

County boundary

National or State reservation boundary

Land grant boundary

U.S. public lands survey: range, township, section

Range, township, section line: protected

Power transmission line: pipeline

Dam; dam with lock

Cemetery; building

Windmill; water well; spring

Mine shaft; salt or coal; mine; quarry; gravel pit

Campground; picnic area; U.S. National monument

Ruins; cliff dwelling

Distorted surface: strip mine; lava; sand

Culture: index; intermediate; supplementary

Settlement: census; index; intermediate

Sprawl; lake; perennial; intermittent

Rapids; large and small; falls; large and small

Area to be submerged; marsh; swamp

Land subject to controlled inundation; woodland

Shrub; meadow

Orchard; vineyard

HUGOTON, KANSAS  
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