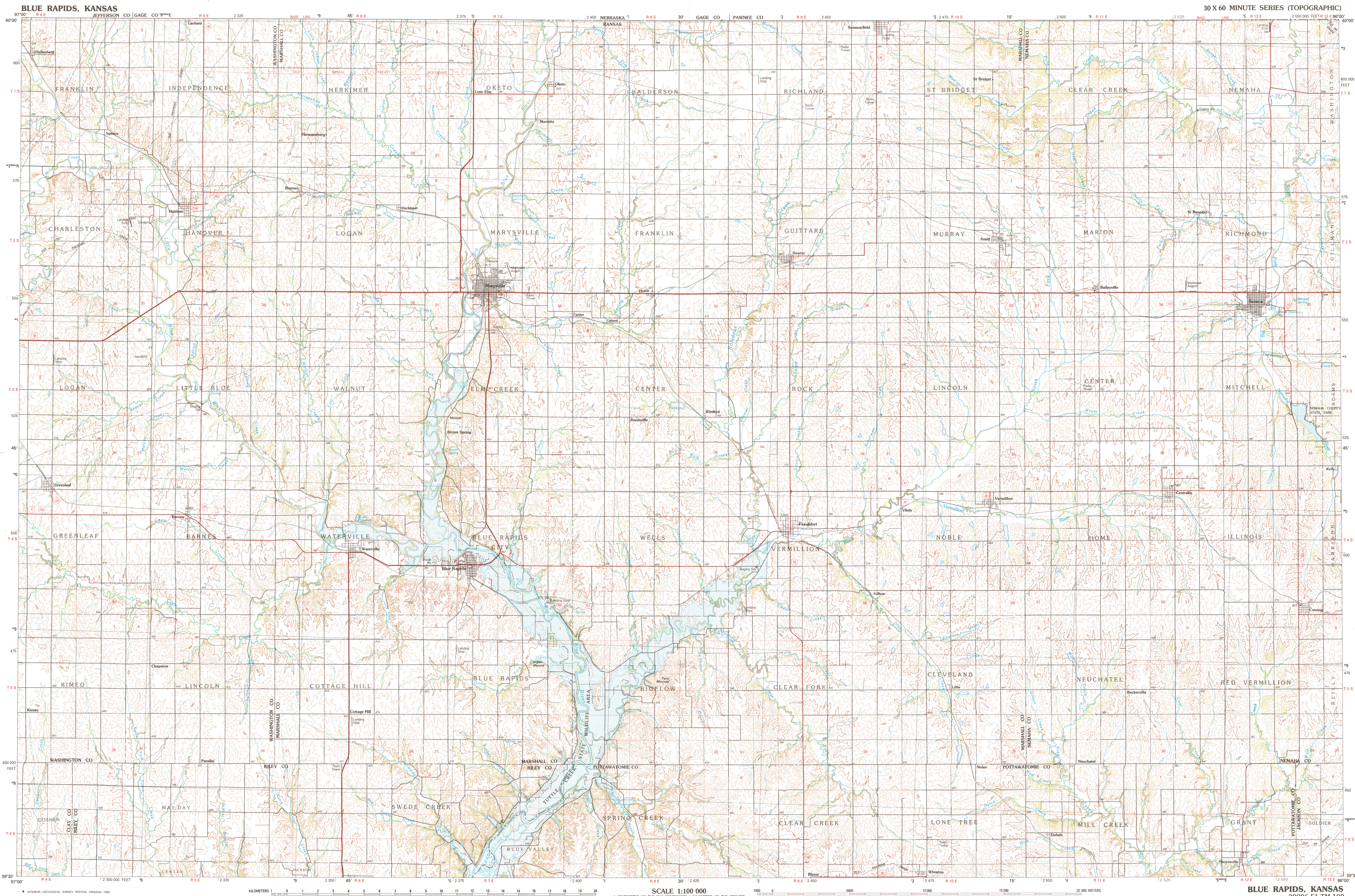




Blue Rapids

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

1986 / 90
PHOTOINSPECTED 1985

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1966-1983. Planimetry revised from aerial photographs taken 1982 and other source data. Revised information not field checked. Map edited 1985.

Projection and 10 000-meter grid, zone 14 Universal Transverse Mercator
25 000-foot grid ticks based on Kansas coordinate system, north zone, 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 3 meters north and 25 meters east
There may be private inholdings within the boundaries of the National or State reservations shown on this map
Map photoinspected using 1985 photographs
No major culture or drainage changes found

CONTOUR INTERVAL 10 METERS
NATIONAL GEODETIC 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	6.5616
3	9.8424
4	13.1232
5	16.4040
6	19.6848
7	22.9656
8	26.2464
9	29.5272
10	32.8080

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

DECLINATION DIAGRAM	
MAGNETIC NORTH	
TRUE NORTH	
26 MILS	

UTM grid convergence (GN) and 1986 magnetic declination (MD) at center of map diagram is approximate

ADJOINING MAPS		
1	2	3
4	5	6
7	8	

- 1 Fairbury
- 2 Beatrice
- 3 Falls City
- 4 Concordia
- 5 Atchison
- 6 Clay Center
- 7 Manhattan
- 8 Topeka

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 20192

1985 NMHD HISTORICAL

SEP 19 1990

PHOTO ELECTRY

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 gage; narrow gage
- 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; protracted
- Power transmission line; pipeline
- Dam; dam with lock
- Cemetery; building
- Windmill; water well; spring
- Mine shaft; well or cave; mine; quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruins; cliff dwelling
- Distorted surface: strip mine; lava; sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream; lake; perennial; intermittent
- Rapids, large and small; falls, large and small
- Area to be submerged; marsh; swamp
- Land subject to controlled inundation; woodland
- Sorb; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request