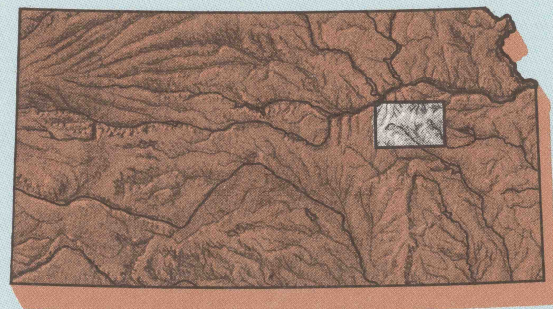


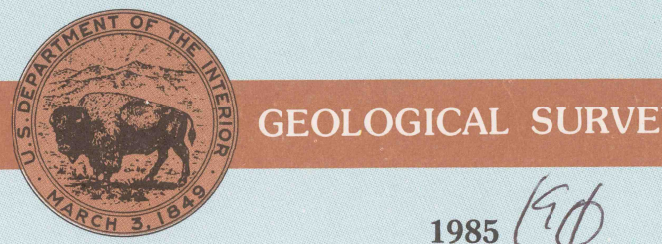
Council Grove
KANSAS

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



1985
PHOTOINSPECTED 1985

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1964-1983. Planimetry revised from aerial photographs taken 1981 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 and south zones
1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 2 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

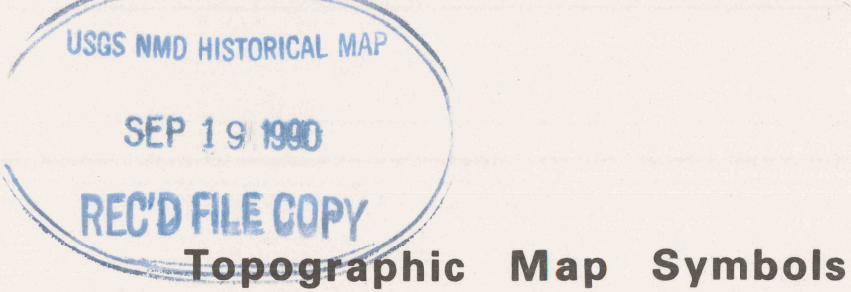
CONTOUR INTERVAL 10 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS		
Meters	Feet		1	2	3
1	3.2808		1	2	3
2	6.5617		4	5	
3	9.8425		6	7	8
4	13.1234				
5	16.4042				
6	19.6850				
7	22.9659				
8	26.2467				
9	29.5276				
10	32.8084				
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1983 magnetic declination (MD) at center of map Diagram is approximate			
To convert feet to meters multiply by 0.3048					

1 Clay Center
2 Manhattan
3 Topeka
4 Salina
5 Lawrence
6 Hutchinson
7 Emporia
8 Garnett

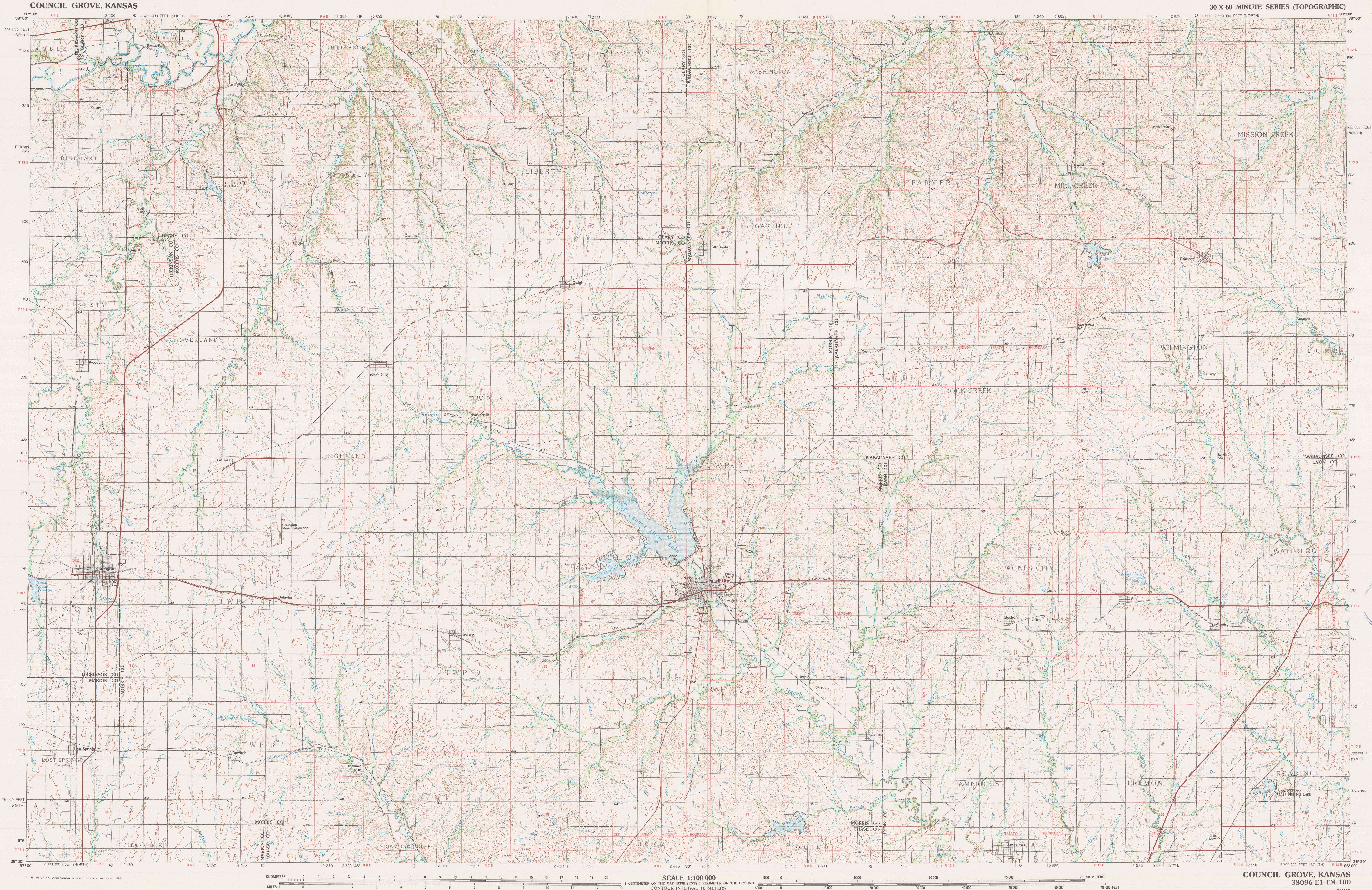
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092



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.....
- Cave; cavern; sink area; U.S. location monument.....
- Ruin; cliff dwelling.....
- Distorted surface: strip mine, lava; sand.....
- Contours: index; intermediate; supplementary.....
- Hydrologic contours: index; intermediate.....
- Stream, lake; perennial; intermittent.....
- Rapid, large and small; falls, large and small.....
- Area to be submerged; marsh, swamp.....
- Land subject to controlled inundation; woodland.....
- Scrub; mangrove.....
- Drained; vineyard.....

A pamphlet describing topographic maps is available on request



COUNCIL GROVE, KANSAS
38096-E1-TM-100
PHOTOINSPECTED 1985