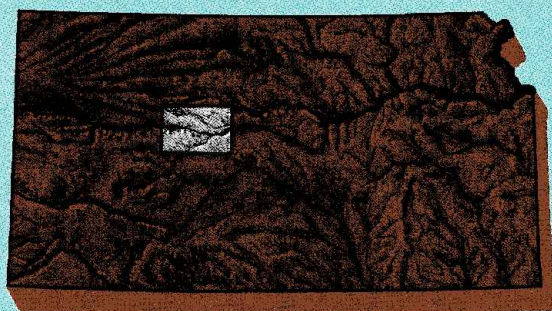


# Hays KANSAS

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

1985  
PHOTOINSPECTED 1989

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1960-1983. 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 33 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

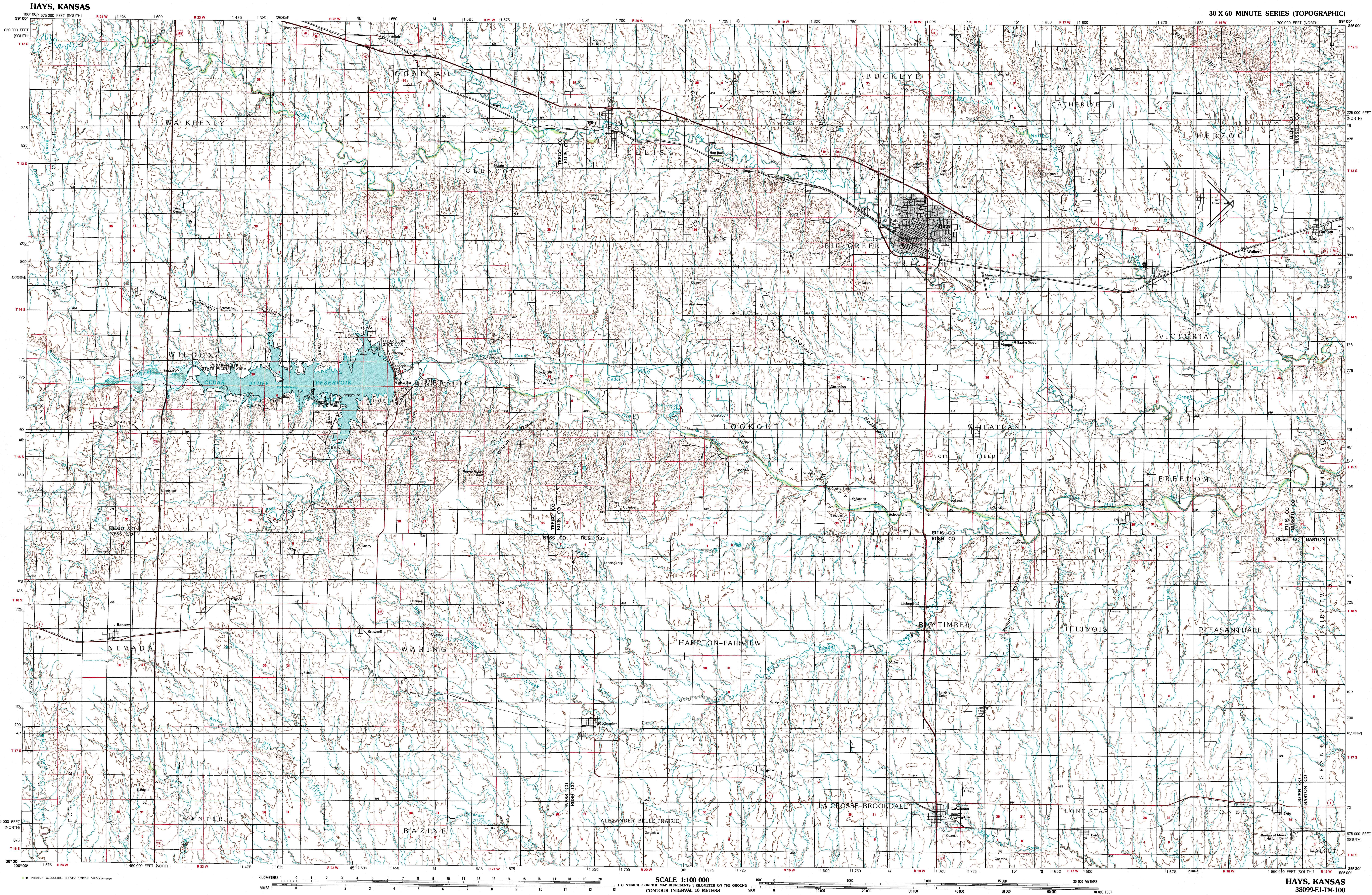
CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS																			
Meters	Feet			1	2	3																	
1	3.2808			4	5																		
2	6.5617																						
3	9.8425																						
4	13.1234																						
5	16.4042																						
6	19.6850																						
7	22.9659																						
8	26.2467																						
9	29.5275																						
10	32.8084	UTM grid convergence (GN) and 1983 magnetic declination (M) at center of map diagram is approximate		<table><tr><td>1</td><td>Oldkey</td></tr><tr><td>2</td><td>Plattville</td></tr><tr><td>3</td><td>Rebelf</td></tr><tr><td>4</td><td>Healy</td></tr><tr><td>5</td><td>Russell</td></tr><tr><td>6</td><td>Scott City</td></tr><tr><td>7</td><td>Larned</td></tr><tr><td>8</td><td>Great Bend</td></tr></table>				1	Oldkey	2	Plattville	3	Rebelf	4	Healy	5	Russell	6	Scott City	7	Larned	8	Great Bend
1	Oldkey																						
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4	Healy																						
5	Russell																						
6	Scott City																						
7	Larned																						
8	Great Bend																						
To convert meters to feet multiply by 3.2808																							
To convert feet to meters multiply by 0.3048																							

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; dirt; unpaved.....	
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: protected.....	
Power transmission line; pipeline.....	
Dam; dam with lock.....	
Cemetery; building.....	
Well; water well; spring.....	
Mine shaft; salt 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.....	
Shrub; mangrove.....	
Unbuilt; viewless.....	

A pamphlet describing topographic maps is available on request



HAYS, KANSAS

30 X 60 MINUTE SERIES (TOPOGRAPHIC)

HAYS, KANSAS  
38099-E1-TM-100  
1985

• INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1985

SCALE 1:100 000  
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND  
CONTOUR INTERVAL 10 METERS

0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000 14000 15000 16000 17000 18000 19000 20000 METERS  
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 KILOMETERS  
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 MILES