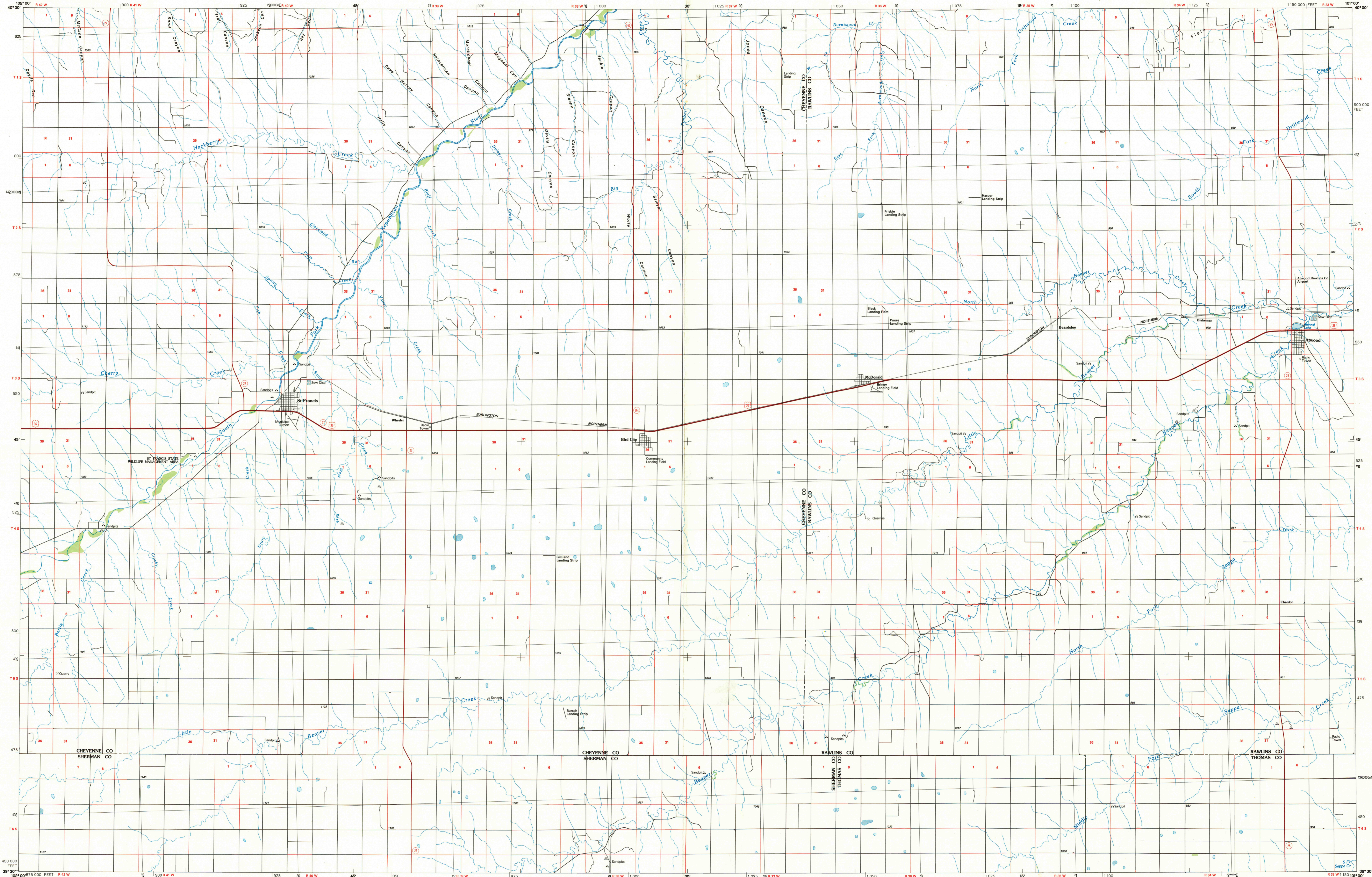


ST. FRANCIS, KANSAS

30 X 60 MINUTE SERIES (PLANIMETRIC)



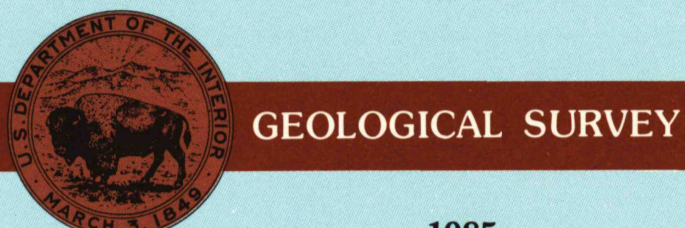
St. Francis KANSAS

1:100 000-scale planimetric map



30 X 60 MINUTE QUADRANGLE SHOWING

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



1985

Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1976-1981. Planimetry revised from aerial photographs taken 1980 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 4 meters north and 38 meters east
 There may be private inholdings within the boundaries of the National or State reservations shown on this map

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	1983	1978	1	2	3
1	3.2808	1° 15'	1° 10'	4	5	
2	6.5617	1° 30'	1° 20'	6	7	8
3	9.8425	1° 45'	1° 30'			
4	13.1234	2° 00'	1° 40'			
5	16.4042	2° 15'	1° 50'			
6	19.6850	2° 30'	2° 00'			
7	22.9659	2° 45'	2° 10'			
8	26.2467	3° 00'	2° 20'			
9	29.5275	3° 15'	2° 30'			
10	32.8084	3° 30'	2° 40'			

UTM grid convergence (GM) and 1983 magnetic declination (MD) at center of map. Diagram is approximate.

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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.....	-----
Roads 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: protracted.....	-----
Power transmission line: pipeline.....	-----
Dam; dam with lock.....	-----
Cemetery, building.....	-----
Windmill; water well; spring.....	-----
Mine shaft; adit or cave; mine, quarry; gravel pit.....	-----
Campground; picnic area; U.S. location monument.....	-----
Ruins; cliff dwelling.....	-----
Disturbed 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.....	-----
Scrub, mangrove.....	-----
Orchard; vineyard.....	-----

A pamphlet describing topographic maps is available on request

ST. FRANCIS, KANSAS 39101-E1-PL-100 1985

