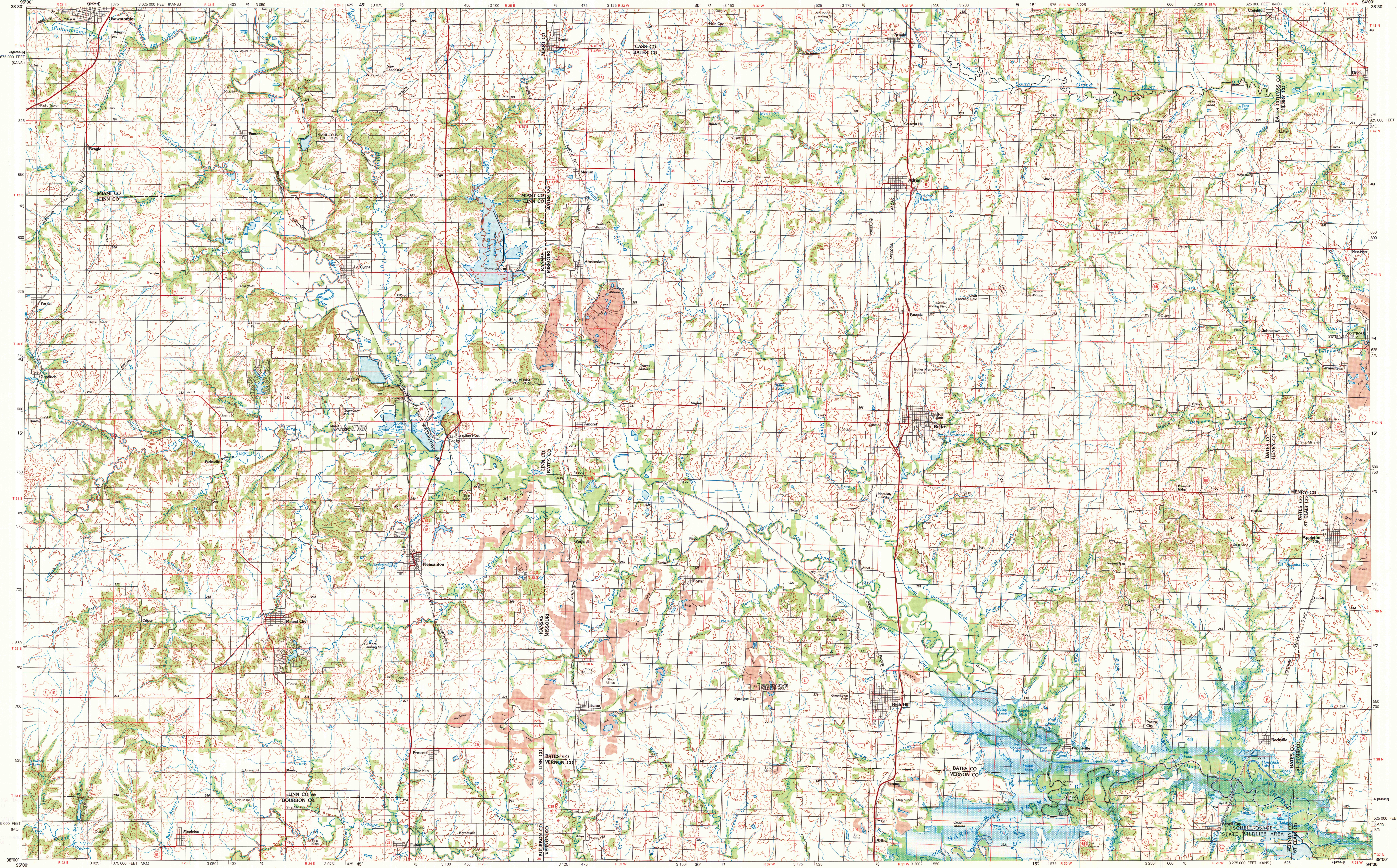
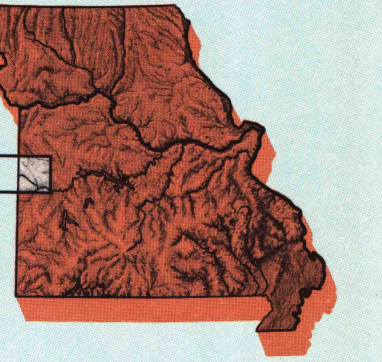


BUTLER, MISSOURI-KANSAS

30 X 60 MINUTE SERIES (TOPOGRAPHIC)

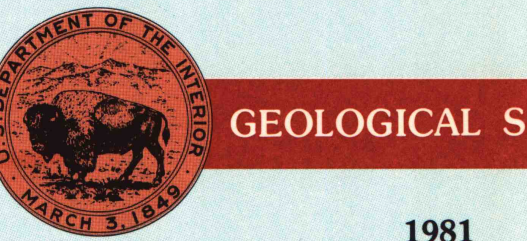


1:100 000-scale metric
topographic map of
Butler
MISSOURI-KANSAS



30 X 60 MINUTE QUADRANGLE
SHOWING

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



1981

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1934-1978. Planimetry revised from aerial photographs taken 1977-78 and other source data. Revised information not field checked. Map edited 1981.
Universal Transverse Mercator
25 000-foot grid ticks based on Missouri coordinate system, west zone, and Kansas coordinate system, south zone 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 20 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 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	6	
3	9.8425		7	8	9	
4	13.1234		10	11	12	
5	16.4042		13	14	15	
6	19.6850		16	17	18	
7	22.9659		19	20	21	
8	26.2467		22	23	24	
9	29.5275		25	26	27	
10	32.8084		28	29	30	
To convert meters to feet multiply by 3.2808		UTM grid convergence (80N and 180° magnetic declination (M)) at center of map				
To convert feet to meters multiply by 0.3048		Diagram is approximate				

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

Topographic Map Symbols

Primary highway, hard surface		Land grant boundary	
Secondary highway, hard surface		U.S. public lands survey: range, township, section	
Light duty road, principal street, hard or improved surface		Range, township, section line: projected	
Other road or street, trail		Power transmission line: pipeline	
Railroad: standard gauge, narrow gauge		Dam: dam with lock	
Bridge: overpass, underpass		Cemetery: building	
Tunnel: road, railroad		Well: water well, spring	
Built up area, locality, elevation		Mine shaft: salt or coal, iron, quarry, gravel pit	
Airport: landing field; landing strip		Campground; picnic area; U.S. location monument	
National boundary		Ruins, cliff dwelling	
State boundary		Distorted surface: strip mine, level, sand	
County boundary		Contours: index, intermediate, supplementary	
National or State reservation boundary		Bathymetric contours: index, intermediate	
Land grant boundary		Stream, lake: perennial, intermittent	
U.S. public lands survey: range, township, section		Rapids, large and small; falls, targe and small	
Range, township, section line: projected		Area to be submerged: marsh, swamp	
Power transmission line: pipeline		Land subject to controlled inundation; woodland	
Dam: dam with lock		Springs, mangrove	
Cemetery: building		Orchard, vineyard	
Well: water well, spring			
Mine shaft: salt or coal, iron, quarry, gravel pit			
Campground; picnic area; U.S. location monument			
Ruins, cliff dwelling			
Distorted surface: strip mine, level, sand			
Contours: index, intermediate, supplementary			
Bathymetric contours: index, intermediate			
Stream, lake: perennial, intermittent			
Rapids, large and small; falls, targe and small			
Area to be submerged: marsh, swamp			
Land subject to controlled inundation; woodland			
Springs, mangrove			
Orchard, vineyard			

A pamphlet describing topographic maps is available on request

• INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

KILOMETERS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
MILES 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

BUTLER, MISSOURI-KANSAS
N3800-W9400/30 X 60
MAP AND AIR PHOTO LIBRARY
University of Wisconsin, Madison
1981

SET

8006-918