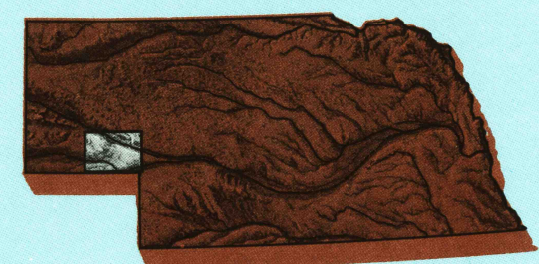


# Chappell

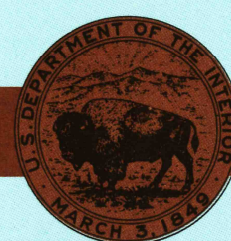
## NEBRASKA-COLORADO

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

Produced by the United States Geological Survey  
Compiled from USGS 1:250 000-scale topographic maps dated 1961-1972. Planimetry revised from aerial photographs taken 1984 and other source data. Revised information not field checked. Map edited 1985.

Projection and 10 000-meter grid, zone 13.  
Universal Transverse Mercator  
25 000-foot grid ticks based on Nebraska coordinate system, south zone  
1927 North American Datum  
To place on the predicted North American Datum 1983, move the projection lines 5 meters north and 40 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	
2	3.2808		1	2	3	
4	6.5617		4	5		
6	9.8425		6	7	8	
8	13.1234					
10	16.4042					
12	19.6850					
14	22.9658					
16	26.2467					
18	29.5275					
20	32.8084					
To convert meters to feet multiply by 3.2808			1 Scottsbluff			
To convert feet to meters multiply by 0.3048			2 Crescent Lake			
			3 Arthur			
			4 Kimball			
			5 Ogallala			
			6 Sterling			
			7 Imperial			
			8 Jelsborg			

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

USGS NMD HISTORICAL MAP

NOV 29 1989

REC'D FILE COPY

### 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: constructed	
Power transmission line; pipeline	
Dam; dam with lock	
Cemetery; building	
Windmill; water well; spring	
Mine shaft; adit or cave; mine, quarry; gravel pit	
Cemetary; picnic area; U.S. location monument	
Rail; 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	
Scrub; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request

CHAPPELL, NEBRASKA-COLORADO

41102-A1-TM-100

1985