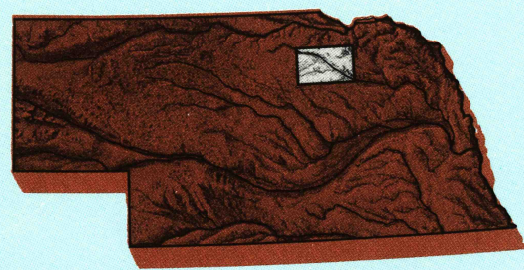


O'NEILL, NEBRASKA

30x60 MINUTE SERIES (TOPOGRAPHIC)

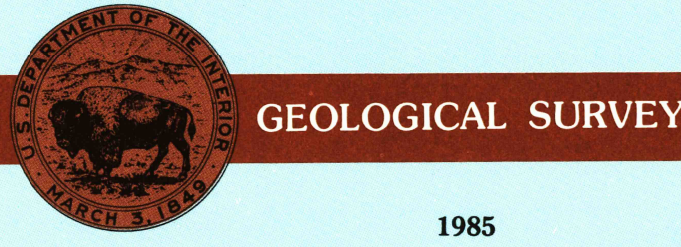
O'Neill
NEBRASKA

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



Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1958-1981. 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 14, Universal Transverse Mercator
25 000-foot grid ticks based on Nebraska coordinate system, north zone
1927 North American Datum

To place on the predicted North American Datum 1983, move the projection lines 5 meters north and 30 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	4	5	6
1	3.2808		1	2	3	4	5	6
2	6.5617		7	8	9	10	11	12
3	9.8425		13	14	15	16	17	18
4	13.1234		19	20	21	22	23	24
5	16.4042		25	26	27	28	29	30
6	19.6850		31	32	33	34	35	36
7	22.9659		37	38	39	40	41	42
8	26.2467		43	44	45	46	47	48
9	29.5276		49	50	51	52	53	54
10	32.8084		55	56	57	58	59	60
To convert meters to feet multiply by 3.2808		UTM grid convergence (G) and 1983 magnetic declination (M) at center of map. Diagram is approximate.						
To convert feet to meters multiply by 0.3048		1 Alameda 2 Atkinson 3 Yorkton 4 Rose 5 Norfolk 6 Bawell 7 Ord 8 Stanton						

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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	
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	
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

