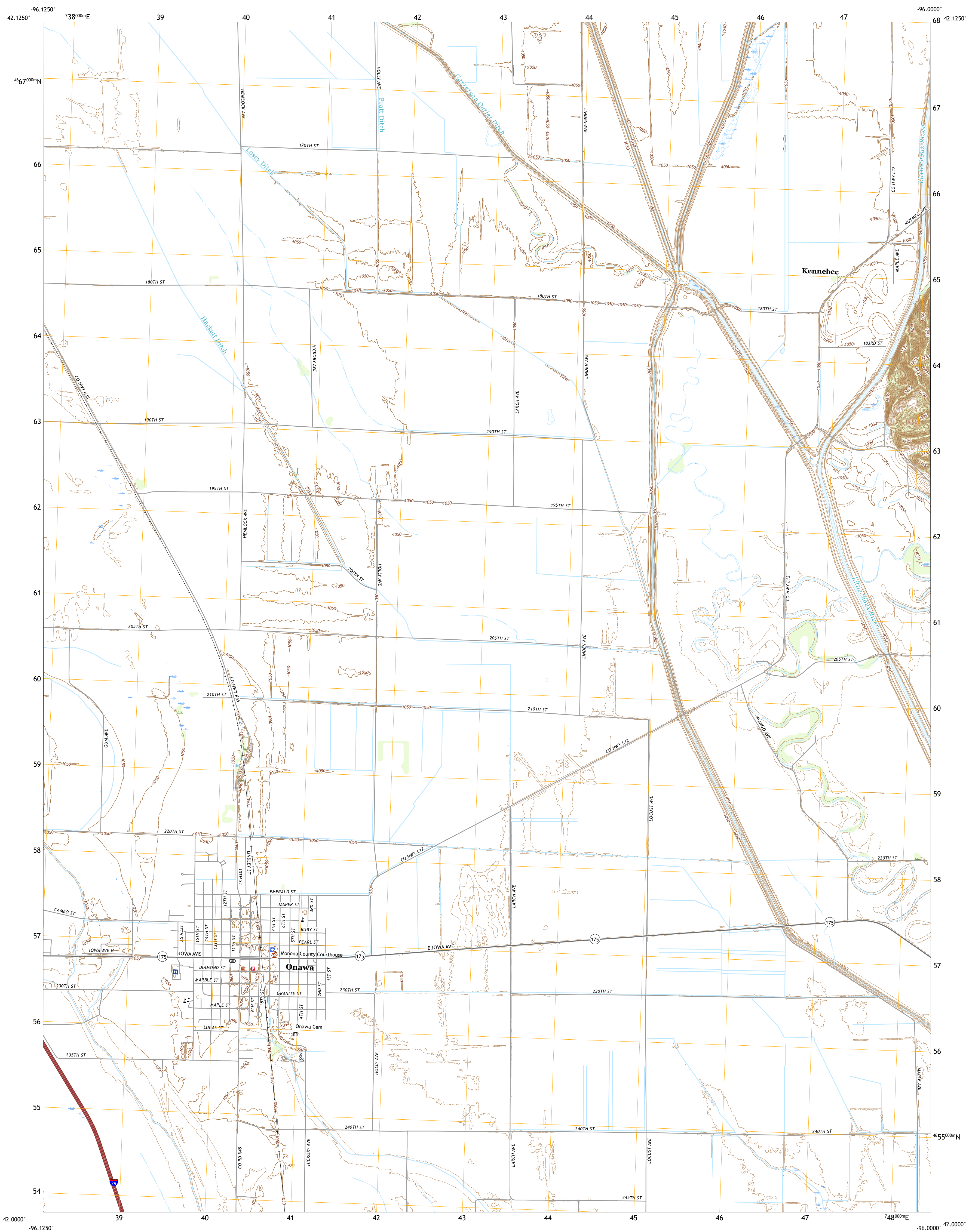


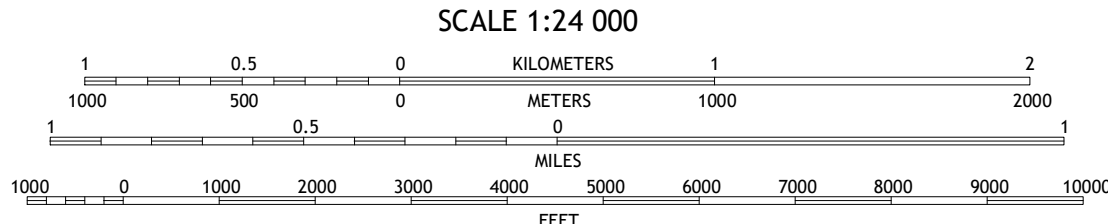
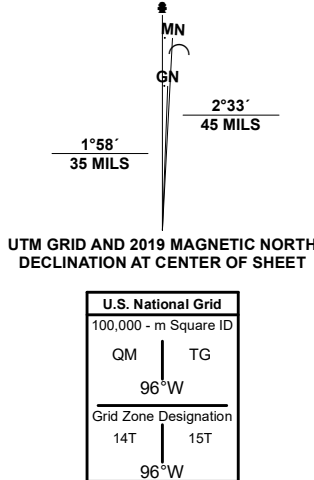


Produced by the United States Geological Survey

Northern Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) Projection and
1 000 meter grid/U.S. National Transverse Mercator, Zone 14T

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering national parks.

Imagery	USFWS/NAPJ, August 27 - October 2017		
Roads	U.S.	Census Bureau,	2015
Reservoirs	USFWS, 1979 - 2017		
Hydrography	National Hydrography Dataset, 2003 - 2018		
Contours	National Elevation Dataset, 2011		
Boundaries	Multiple sources; see metadata file	2011	
Public Land Survey System	BLM, 2016		
Wetlands	FWS	National Wetlands Inventory	Not Available



CONTOUR INTERVAL 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the
National Geospatial Program US Topo Product Standard.



1	2	3	1 Sloan
4		5	2 Hornick
6	7	8	3 Smithland

ADJOINING QUADRANGLES

- 4 Onawa SW
- 5 Castana
- 6 Tekamah NW
- 7 Blencoe
- 8 Moorhead NW

ROAD CLASSIFICATION

Expressway		Local Connector	
Secondary Hwy		Local Road	
Ramp		4WD	

 Interstate Route	 US Route	 State Route
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ONAWA, IA
2022

