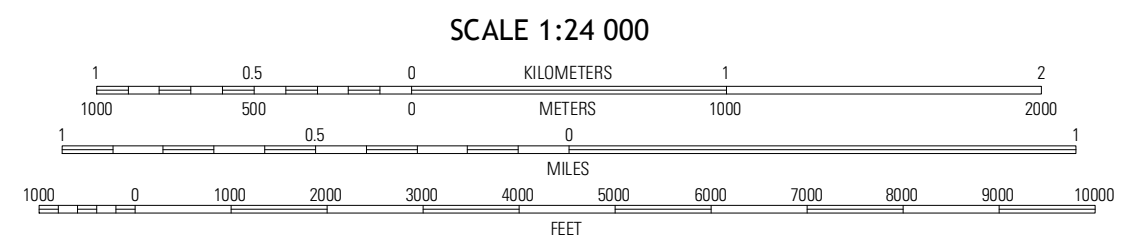


Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid: Universal Transverse Mercator, Zone 15T  
10 000-foot ticks: Iowa Coordinate System of 1983 (north zone)

UTM GRID AND 2013 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

U.S. National Grid	100,000-m Square ID
VJ	400
VH	400
Grid Zone Designation	15T



SCALE 1:24 000  
CONTOUR INTERVAL 10 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988



ROAD CLASSIFICATION

Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4WD
Interstate Route	US Route
	State Route

QUADRANGLE LOCATION

Lakota	Buffalo Center	Buffalo Center NE
German Valley	Buffalo Center SW	Thompson
Tionka	Widen	Crystal Lake

BUFFALO CENTER SW, IA  
2013

ADJOINING 7.5' QUADRANGLES