

**Woodbury County, Iowa**

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**  
Iowa State Plane North Zone (1401)  
Iowa Regional Coordinate System Zone 4 Sioux City-Iowa Falls LCC  
US Survey Feet  
**2015**

Point Name: **9821**

GPS No. (1998): **9821**

**Designation:** NGS 1st order vert. control station. PID: NM0143 Designation: N 128

NAD 83(NA2011) Latitude: **N42°21'29.37314"** Longitude: **W96°19'22.83753"**

NAVD 88 Ortho Height: **1085.880sft** Ellip. Ht: **999.922sft** **Geoid09**

Iowa North Zone (1401) Northing: **3606303.625sft** Easting: **4158391.050sft**

Mapping Angle: **-1°54'48"** Combination Scale Factor: **0.999912171**

IaRCS Zone 4 Northing: **8539694.928sft** Easting: **14097355.987sft**

Mapping Angle: **-01° 00' 25"** Combination Scale Factor: **1.000001765**

**Monument Type:** Benchmark disk set in top of round concrete monument, stamped "N 128 1948".



*This document was prepared by Dan Corbin, Inc. on March 6, 2015 for Woodbury County, Iowa.*