

**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: **9819**

GPS No. (1998): **9819**

**Designation:** NGS 2nd order vert. control station. PID: NM0363 Designation: U 152

NAD 83(NA2011) Latitude: **N42°16'15.54078"** Longitude: **W96°05'32.39961"**

NAVD 88 Ortho Height: **1070.980sft** Ellip. Ht: **983.046sft** Geoid09

Iowa North Zone (1401) Northing: **3572553.449sft** Easting: **4219732.272sft**

Mapping Angle: **-1°45'25"** Combination Scale Factor: **0.999922290**

IaRCS Zone 4 Northing: **8506916.049sft** Easting: **14159228.661sft**

Mapping Angle: **-00° 51' 04"** Combination Scale Factor: **1.000008350**

**Monument Type:** Benchmark disk set in top of round concrete monument, stamped "U 152 1949".



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