

Butler County, Iowa

Horizontal Datum: **NAD 83(NA2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane North Zone (1401)

Iowa Regional Coordinate System, Zone 5, Waterloo LCC

US Survey Feet

11/10/18

Point Name: **83**

Designation: Black Hawk Co 94-083 (Set by ASI in 1994)

NAD 83(NA2011) Latitude: **N42°33'21.30467"** Longitude: **W92°33'14.59110"**

NAVD 88 Ortho Height: **886.870sft** Ellip. Ht: **782.975sft** **Geoid12B**

Iowa North Zone (1401) Northing: **3667059.428sft** Easting: **5176107.966sft**

Mapping Angle: **0°38'28"** Combination Scale Factor: **0.9999098364**

IaRCS Zone 5 Northing: **8865857.840sft** Easting: **15418073.128sft**

Mapping Angle: **-0°12'22"** Combination Scale Factor: **0.9999959148**

Monument Type: 5/8" dia. driven aluminum rod with a 2-1/2"dia. aluminum cap and permanenet magnet encased in a 5"dia. PVC pipe with an aluminum access cover.

