

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: **160**

Designation: Butler Co 98-160 (Set by ASI in 1998)

NAD 83(NA2011) Latitude: **N42°46'25.48530"** Longitude: **W92°36'45.53153"**

NAVD 88 Ortho Height: **959.320sft** Ellip. Ht: **855.398sft** **Geoid12B**

Iowa North Zone (1401) Northing: **3746268.152sft** Easting: **5159488.727sft**

Mapping Angle: **0°36'05"** Combination Scale Factor: **0.9999061920**

IaRCS Zone 5 Northing: **8945310.495sft** Easting: **15402625.407sft**

Mapping Angle: **-0°14'45"** Combination Scale Factor: **0.9999934368**

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.

Date Printed December 28, 1998

