

# The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

DATABASE = , PROGRAM = datasheet, VERSION = 7.81

1 National Geodetic Survey,  
OR0887

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OR0887 DESIGNATION - BRICKKILN  
OR0887 PID - OR0887  
OR0887 STATE/COUNTY- SD/GREGORY  
OR0887 USGS QUAD - LUCAS NW (1971)

OR0887  
OR0887 \*CURRENT SURVEY CONTROL

OR0887*	NAD 83(1996)-	43 23 49.30120(N)	099 12 50.88850(W)	ADJUSTED
OR0887*	NAVD 88	- 617. (meters)	2024. (feet)	SCALED

OR0887	LAPLACE CORR-	-1.31 (seconds)	DEFLECO9
OR0887	GEOID HEIGHT-	-26.19 (meters)	GEOID09
OR0887	HORZ ORDER -	SECOND	

OR0887.The horizontal coordinates were established by classical geodetic methods

OR0887.and adjusted by the National Geodetic Survey in January 1998.

OR0887

OR0887.The orthometric height was scaled from a topographic map.

OR0887

OR0887.The Laplace correction was computed from DEFLECO9 derived deflections.

OR0887

OR0887.The geoid height was determined by GEOID09.

OR0887

OR0887;		North	East	Units	Scale	Factor	
Converg.							
OR0887;SPC SD S	-	118,777.618	690,660.155	MT	0.99991430		+0 46
19.5							
OR0887;SPC SD S	-	389,689.57	2,265,940.86	sFT	0.99991430		+0 46
19.5							
OR0887;UTM 14	-	4,804,927.892	482,658.949	MT	0.99960370		-0 08
49.6							

OR0887

OR0887! - Elev Factor x Scale Factor = Combined Factor

OR0887!SPC SD S - 0.99990731 x 0.99991430 = 0.99982161

OR0887!UTM 14 - 0.99990731 x 0.99960370 = 0.99951104

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OR0887:		Primary Azimuth Mark	Grid Az
OR0887:SPC SD S	-	HEATON	050 26 17.7
OR0887:UTM 14	-	HEATON	051 21 26.8

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OR0887	PID	Reference Object	Distance	Geod. Az
OR0887				dddmms.s
OR0887	OR0889	HEATON	APPROX. 8.9 KM	0511237.2

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OR0887| OR0889 HEATON APPROX. 8.9 KM 0511237.2

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OR0887 SUPERSEDED SURVEY CONTROL

OR0887

OR0887 NAD 83(1995)- 43 23 49.30073(N) 099 12 50.89078(W) AD( ) 2

OR0887 NAD 83(1986)- 43 23 49.30435(N) 099 12 50.89603(W) AD( ) 2

OR0887 NAD 27 - 43 23 49.30300(N) 099 12 49.55200(W) AD( ) 2

OR0887

OR0887.Superseded values are not recommended for survey control.

OR0887.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

OR0887.[See file dsdata.txt](#) to determine how the superseded data were derived.

OR0887

OR0887\_U.S. NATIONAL GRID SPATIAL ADDRESS: 14TMP8265804927(NAD 83)

OR0887\_MARKER: Z = SEE DESCRIPTION

OR0887\_SETTING: 0 = UNSPECIFIED SETTING

OR0887\_STABILITY: D = MARK OF QUESTIONABLE OR UNKNOWN STABILITY

OR0887

OR0887	HISTORY	- Date	Condition	Report By
OR0887	HISTORY	- 1889	MONUMENTED	MORC

OR0887

OR0887 STATION DESCRIPTION

OR0887

OR0887'DESCRIBED BY MISSOURI RIVER COMMISSION 1889

OR0887'BRICKKILN IS ON RIGHT BANK, 2 MILES BACK FROM RIVER, 1-1/4

OR0887'MILES FROM BRICKKILN HILL, AND 5 MILES SOUTHEAST FROM DRY

OR0887'DRY CREEK. THE STATION IS ON HIGHEST LAND IN VICINITY. A

OR0887'WAGON ROAD RUNNING UP DRY CREEK PASSES 800 FEET NORTH.

1 National Geodetic Survey, Retrieval Date = MARCH 20, 2010

OR0886

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OR0886 DESIGNATION - BRICKKILN 2  
OR0886 PID - OR0886  
OR0886 STATE/COUNTY- SD/GREGORY  
OR0886 USGS QUAD - LUCAS NW (1971)

OR0886 \*CURRENT SURVEY CONTROL

OR0886\* NAD 83(1996)- 43 23 49.19767(N) 099 12 50.69388(W) ADJUSTED  
OR0886\* NAVD 88 - 617. (meters) 2024. (feet) SCALED

OR0886 LAPLACE CORR- -1.31 (seconds) DEFLEC09  
OR0886 GEOID HEIGHT- -26.19 (meters) GEOID09  
OR0886 HORZ ORDER - FIRST

OR0886.The horizontal coordinates were established by classical geodetic methods

OR0886.and adjusted by the National Geodetic Survey in January 1998.

OR0886

OR0886.The orthometric height was scaled from a topographic map.

OR0886

OR0886.The Laplace correction was computed from DEFLEC09 derived deflections.

OR0886

OR0886.The geoid height was determined by GEOID09.

OR0886

OR0886;	North	East	Units	Scale	Factor	
Converg.						
OR0886;SPC SD S	- 118,774.482	690,664.577	MT	0.99991430		+0 46
19.6						
OR0886;SPC SD S	- 389,679.28	2,265,955.37	sFT	0.99991430		+0 46
19.6						
OR0886;UTM 14	- 4,804,924.687	482,663.319	MT	0.99960370		-0 08
49.5						

OR0886

OR0886! - Elev Factor x Scale Factor = Combined Factor

OR0886!SPC SD S - 0.99990731 x 0.99991430 = 0.99982161

OR0886!UTM 14 - 0.99990731 x 0.99960370 = 0.99951104

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OR0886| PID Reference Object Distance Geod. Az

OR0886| dddmmss.s

OR0886| CO2327 BRICKKILN 2 RM 1 28.164 METERS 07337

OR0886| CO2326 BRICKKILN 2 AZ MK 1473549.0

OR0886| OR0894 HERRICK MUNICIPAL TANK APPROX.31.6 KM 1760423.2

OR0886| CO2328 BRICKKILN 2 RM 2 29.367 METERS 18715

OR0886| OR0895 BURKE MUNICIPAL TANK APPROX.24.9 KM 1945215.7

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OR0886 SUPERSEDED SURVEY CONTROL

OR0886

OR0886 NAD 83(1995)- 43 23 49.19731(N) 099 12 50.69622(W) AD( ) 1

OR0886 NAD 83(1986)- 43 23 49.20070(N) 099 12 50.70174(W) AD( ) 1  
OR0886 NAD 27 - 43 23 49.19900(N) 099 12 49.35800(W) AD( ) 1

OR0886

OR0886.Superseded values are not recommended for survey control.  
OR0886.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.  
OR0886.[See file dsdata.txt](#) to determine how the superseded data were derived.

OR0886

OR0886\_U.S. NATIONAL GRID SPATIAL ADDRESS: 14TMP8266304924(NAD 83)

OR0886\_MARKER: DS = TRIANGULATION STATION DISK

OR0886\_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

OR0886\_SP\_SET: TOP OF SQUARE CONCRETE MONUMENT

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OR0886	HISTORY	- Date	Condition	Report By
OR0886	HISTORY	- 1934	MONUMENTED	CGS
OR0886	HISTORY	- 1948	GOOD	CGS

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OR0886 STATION DESCRIPTION

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OR0886'DESCRIBED BY COAST AND GEODETIC SURVEY 1934 (CIA)  
OR0886'STATION IS LOCATED IN NORTHEAST CORNER SEC. 15, T. 99 N.,  
OR0886'R. 71 W., TURNEY TOWNSHIP, ABOUT 7.5 MILES NORTH OF LUCAS.  
OR0886'IT IS ON THE HIGHEST HILL OF A LONG RIDGE BORDERING THE  
OR0886'MISSOURI RIVER ON THE SOUTH. IT IS AT THE SITE OF THE OLD  
OR0886'MISSOURI RIVER COMMISSION STATION BRICKKILN, NO TRACE OF WHICH  
OR0886'COULD BE FOUND. MARK PROJECTS 3 INCHES.

OR0886'

OR0886'TO REACH FROM LUCAS, GO NORTH ON MAIN ROAD, ON WEST SIDE OF  
OR0886'TOWN, FOR 2.6 MILES, THENCE RIGHT (EAST) 2.0 MILES THENCE  
OR0886'LEFT (NORTH) 3.0 MILES TO GATE LEADING TO FARM OF L.H. LEBAHN,  
OR0886'CONTINUE NORTH FOR 0.35 MILE TO FENCE CORNER OF LEFT, THENCE  
OR0886'LEFT THROUGH GATE AND FOLLOW PRAIRIE ROAD NORTHWEST ALONG  
OR0886'RIDGE FOR 1.9 MILES TO HIGHEST HILL AND STATION.

OR0886'

OR0886'REFERENCE MARK NO. 1 IS LOCATED 92.40 FEET (28.164 METERS)  
OR0886'EAST OF STATION, AND PROJECTS 4 INCHES.

OR0886'

OR0886'REFERENCE MARK NO. 2 IS LOCATED 96.35 FEET (29.367 METERS)  
OR0886'SOUTH OF STATION, AND PROJECTS 6 INCHES.

OR0886'

OR0886'AZIMUTH MARK IS LOCATED 0.6 MILE SOUTHEAST OF STATION 70  
OR0886'FEET WEST OF PRAIRIE ROAD. TO REACH FROM STATION FOLLOW  
OR0886'PRAIRIE ROAD SOUTHEAST FOR 0.7 MILE TO TOP OF THIRD HILL  
OR0886'FROM STATION. MARK PROJECTS 4 INCHES.

OR0886'

OR0886'HEIGHT OF LIGHT ABOVE STATION MARK - 24 METERS.

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OR0886 STATION RECOVERY (1948)

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OR0886'RECOVERY NOTE BY COAST AND GEODETIC SURVEY 1948 (MEW)  
OR0886'THE STATION WAS RECOVERED AS DESCRIBED BY C.I.A. IN 1934 AND ALL  
OR0886'MARKS WERE FOUND IN GOOD CONDITION. DISTANCES TO REFERENCE  
OR0886'MARKS WERE CHECKED AND FOUND TO BE CORRECT. THE 1934 DESCRIPTION  
OR0886'IS ADEQUATE.

OR0886'

OR0886'OBSERVATIONS MADE FROM A 4 FOOT STAND.