

The NGS Data Sheet

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

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PROGRAM = datasheet95, VERSION = 8.7.1
1      National Geodetic Survey,  Retrieval Date = AUGUST  5, 2015
  PU2386
*****
  PU2386 DESIGNATION - CENTER
  PU2386 PID - PU2386
  PU2386 STATE/COUNTY- SD/BUTTE
  PU2386 COUNTRY - US
  PU2386 USGS QUAD - ANTELOPE BUTTE (1965)
  PU2386
  PU2386 *CURRENT SURVEY CONTROL
  PU2386
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  PU2386* NAD 83(1996) POSITION- 44 58 02.07622(N) 103 46 17.60283(W)
ADJUSTED
  PU2386* NAVD 88 ORTHO HEIGHT - 963. (meters) 3159. (feet) SCALED
  PU2386
-----
  PU2386 GEOID HEIGHT - -15.94 (meters)
GEOID12B
  PU2386 LAPLACE CORR - -3.50 (seconds)
DEFLEC12B
  PU2386 HORZ ORDER - SECOND
  PU2386
  PU2386.The horizontal coordinates were established by classical geodetic
methods
  PU2386.and adjusted by the National Geodetic Survey in January 1998.
  PU2386.
  PU2386.The orthometric height was scaled from a topographic map.
  PU2386
  PU2386.The Laplace correction was computed from DEFLEC12B derived
deflections.
  PU2386
  PU2386. The following values were computed from the NAD 83(1996) position.
  PU2386
  PU2386; North East Units Scale Factor
Converg.
  PU2386;SPC SD N - 132,931.864 302,580.739 MT 0.99994018 -2 40
09.4
  PU2386;SPC SD N - 436,127.29 992,716.97 sFT 0.99994018 -2 40
09.4
  PU2386;UTM 13 - 4,980,045.550 596,875.323 MT 0.99971540 +0 52
05.6
  PU2386
  PU2386!
  PU2386!SPC SD N - Elev Factor x Scale Factor = Combined Factor
  PU2386!UTM 13 - 0.99985146 x 0.99994018 = 0.99979165
  PU2386!UTM 13 - 0.99985146 x 0.99971540 = 0.99956690
  PU2386
  PU2386: Primary Azimuth Mark Grid Az
  PU2386:SPC SD N - ANTELOPE BUTTE 335 24 59.3
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PU2386:UTM 13 - ANTELOPE BUTTE 331 52 44.3

PU2386

PU2386|-----|

PU2386	PID	Reference Object	Distance	Geod. Az
PU2386				dddmmss.s
PU2386	CP8988	CENTER RM 1	6.300 METERS	17612
PU2386	PU2387	CENTER NATION ROADSIDE PARK FP	6.538 METERS	17650
PU2386	CP8989	CENTER RM 2	12.112 METERS	29443
PU2386	PU2384	ANTELOPE BUTTE	APPROX. 3.1 KM	3324449.9

PU2386|-----|

PU2386

PU2386 SUPERSEDED SURVEY CONTROL

PU2386

PU2386 NAD 83(1993)- 44 58 02.07207(N) 103 46 17.60243(W) AD() 2

PU2386 NAD 83(1986)- 44 58 02.06542(N) 103 46 17.59886(W) AD() 2

PU2386 NAD 27 - 44 58 02.10700(N) 103 46 15.86360(W) AD() 2

PU2386

PU2386.Superseded values are not recommended for survey control.

PU2386

PU2386.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

PU2386.[See file dsdata.txt](#) to determine how the superseded data were derived.

PU2386

PU2386_U.S. NATIONAL GRID SPATIAL ADDRESS: 13TEK9687580045(NAD 83)

PU2386

PU2386_MARKER: DS = TRIANGULATION STATION DISK

PU2386_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

PU2386_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

PU2386+SATELLITE: SATELLITE OBSERVATIONS - June 23, 2006

PU2386

PU2386 HISTORY - Date Condition Report By

PU2386 HISTORY - 1962 MONUMENTED CGS

PU2386 HISTORY - 20040612 GOOD SWGEOM

PU2386 HISTORY - 20060623 GOOD GEOCAC

PU2386

PU2386 STATION DESCRIPTION

PU2386

PU2386'DESCRIBED BY COAST AND GEODETIC SURVEY 1962 (JKR)

PU2386'THE STATION IS 21-1/2 MILES NORTH OF BELLE FOURCHE, 14 MILES

PU2386'EAST OF THE SOUTH DAKOTA-WYOMING STATE LINE, AND CENTRALLY

PU2386'LOCATED IN THE CENTER OF NATION ROADSIDE PARK.

PU2386'

PU2386'TO REACH THE STATION FROM THE JUNCTION OF U.S. HIGHWAYS 212 AND

PU2386'85 AT THE NORTH EDGE OF BELLE FOURCHE, GO NORTH ON HIGHWAY 85 FOR

PU2386'20.6 MILES TO THE GEOGRAPHICAL CENTER OF THE UNITED STATES

PU2386'HISTORICAL MARKER AND THE STATION ON THE RIGHT, EAST SIDE OF

PU2386'HIGHWAY 85.

PU2386'

PU2386'STATION MARKS ARE STANDARD DISKS STAMPED CENTER 1962. THE

PU2386'SURFACE DISK IS SET IN A SQUARE CONCRETE POST FLUSH WITH THE
PU2386'SURFACE OF THE GROUND. IT IS 322 FEET EAST OF THE CENTER LINE
PU2386'OF HIGHWAY 85, 109 FEET SOUTHEAST OF THE CENTER OF A 14 BY 14
PU2386'FOOT CONCRETE SLAB AND 22 FEET NORTH OF A FLAG POLE. THE
PU2386'UNDERGROUND DISK IS SET IN AN IRREGULAR MASS OF CONCRETE 36
PU2386'INCHES BELOW THE SURFACE OF THE GROUND.

PU2386'

PU2386'REFERENCE MARK NO. 1, A STANDARD DISK STAMPED CENTER NO 1 1962,
PU2386'IS CEMENTED IN A DRILL HOLE IN A 2 BY 2 FOOT CONCRETE FOUNDATION
PU2386'FOR A FLAG POLE. IT IS 322 FEET EAST OF THE CENTER LINE OF
PU2386'HIGHWAY 85 AND 130 FEET SOUTHEAST OF THE CENTER OF THE 14 BY
PU2386'14 FOOT CONCRETE SLAB.

PU2386'

PU2386'REFERENCE MARK NO. 2, A STANDARD DISK STAMPED CENTER NO 2 1962,
PU2386'IS SET IN A SQUARE CONCRETE POST FLUSH WITH THE SURFACE OF THE
PU2386'GROUND. IT IS 293 FEET EAST OF THE CENTER LINE OF HIGHWAY 85,
PU2386'84 FEET SOUTH OF THE CENTER OF THE 14 BY 14 FOOT CONCRETE SLAB
PU2386'AND 53 FEET NORTHWEST OF THE FLAG POLE.

PU2386'

PU2386'NOTE--REFERENCE MARKS WERE MEASURED WITH 5 KG. TAPE TENSION.

PU2386

PU2386

STATION RECOVERY (2004)

PU2386

PU2386'RECOVERY NOTE BY SOUTHWEST GEOMATICS INC 2004 (BSF)

PU2386'NATION ROADSIDE PARK NO LONGER EXISTS.

PU2386'

PU2386'TO REACH THE STATION FROM THE JUNCTION OF U.S. HIGHWAYS 212 AND 85 AT
PU2386'THE NORTH EDGE OF BELLE FOURCHE, GO NORTH ON HIGHWAY 85 FOR 13.8

MILES

PU2386'TO THE INTERSECTION OF HIGHWAY 85 AND OLD HIGHWAY 85 (N 44D 51M 46.5S
PU2386'W 103D 48M 11.2S). TURN LEFT (NORTH) ON OLD HIGHWAY 85 (A GRAVEL
PU2386'ROAD) FOR 7.9 MILES TO THE STATION ON THE RIGHT, EAST SIDE OF OLD
PU2386'HIGHWAY 85.

PU2386'

PU2386'REFERENCE MARK NO1 WAS FOUND IN GOOD CONDITION. THE FLAG POLE
PU2386'REFERENCE MARK HAS BEEN CUT OFF ABOUT 2CM ABOVE THE BASE, BUT STILL
PU2386'EXISTS (THERE WAS A METAL T FENCE POST PLACED LOOSELY IN THE BASE OF
PU2386'THE FLAG POLE). REFERENCE MARK NO2 WAS NOT FOUND.

PU2386'

PU2386

PU2386

STATION RECOVERY (2006)

PU2386

PU2386'RECOVERY NOTE BY GEOCACHING 2006 (CB)

PU2386'GEOCAC FIRST REPORT.

PU2386'RECOVERED STATION AND REFERENCE MARK 1 IN GOOD CONDITION.

PU2386'AS STATED REFERENCE MARK 2 NOT FOUND AND FLAGPOLE CUT OFF WITH T POST
PU2386'INSIDE.

*** retrieval complete.

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