

The NGS Data Sheet

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

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DATABASE = ,PROGRAM = datasheet, VERSION = 7.71
1      National Geodetic Survey, Retrieval Date = SEPTEMBER 30, 2009
HJ0344 *****
HJ0344 DESIGNATION - BUTTE
HJ0344 PID - HJ0344
HJ0344 STATE/COUNTY- CO/PROWERS
HJ0344 USGS QUAD - TWO BUTTES RESERVOIR (1971)
HJ0344
HJ0344 *CURRENT SURVEY CONTROL
HJ0344
HJ0344* NAD 83(1992)- 37 39 33.91687(N) 102 32 32.06970(W) ADJUSTED
HJ0344* NAVD 88 - 1437. (meters) 4715. (feet) SCALED
HJ0344
HJ0344 LAPLACE CORR- -4.18 (seconds) DEFLEC99
HJ0344 GEOID HEIGHT- -23.13 (meters) GEOID03
HJ0344 HORZ ORDER - FIRST
HJ0344
HJ0344.The horizontal coordinates were established by classical geodetic methods
HJ0344.and adjusted by the National Geodetic Survey in January 1993.
HJ0344
HJ0344.The orthometric height was scaled from a topographic map.
HJ0344
HJ0344.The Laplace correction was computed from DEFLEC99 derived deflections.
HJ0344
HJ0344.The geoid height was determined by GEOID03.
HJ0344
HJ0344;
HJ0344; North East Units Scale Factor Converg.
HJ0344;SPC CO S - 419,111.447 1,175,329.226 MT 0.99995003 +1 48 51.2
HJ0344;SPC CO S - 1,375,034.81 3,856,059.30 sFT 0.99995003 +1 48 51.2
HJ0344;UTM 13 - 4,170,870.089 716,795.759 MT 1.00017895 +1 30 07.9
HJ0344
HJ0344! - Elev Factor x Scale Factor = Combined Factor
HJ0344!SPC CO S - 0.99977825 x 0.99995003 = 0.99972829
HJ0344!UTM 13 - 0.99977825 x 1.00017895 = 0.99995716
HJ0344
HJ0344|-----|
HJ0344| PID Reference Object Distance Geod. Az |
HJ0344| | | | | dddmmss.s |
HJ0344| CM8560 BUTTE RM 1 5.091 METERS 05739 |
HJ0344| CM8561 BUTTE RM 2 5.790 METERS 12824 |
HJ0344| CM8559 BUTTE AZ MK 1695724.9 |
HJ0344|-----|
HJ0344
HJ0344 SUPERSEDED SURVEY CONTROL
HJ0344
HJ0344 NAD 83(1986)- 37 39 33.91508(N) 102 32 32.06028(W) AD( ) 1
HJ0344 NAD 27 - 37 39 33.88123(N) 102 32 30.36803(W) AD( ) 1
HJ0344
HJ0344.Superseded values are not recommended for survey control.
HJ0344.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
HJ0344.See file dsdata.txt to determine how the superseded data were derived.
HJ0344
HJ0344_U.S. NATIONAL GRID SPATIAL ADDRESS: 13SGB1679670870(NAD 83)
HJ0344_MARKER: DS = TRIANGULATION STATION DISK
HJ0344_SETTING: 66 = SET IN ROCK OUTCROP
HJ0344

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HJ0344 HISTORY - Date Condition Report By
HJ0344 HISTORY - 1953 MONUMENTED CGS
HJ0344 HISTORY - 20050719 POOR INDIV

HJ0344
HJ0344

STATION DESCRIPTION

HJ0344'DESCRIBED BY COAST AND GEODETIC SURVEY 1953 (WRH)
HJ0344'THE STATION IS LOCATED ON THE TOP OF THE SOUTHERN AND HIGHEST
HJ0344'POINT OF TWO BUTTES, A PROMINENT, DOUBLE-POINTED BUTTE, ABOUT
HJ0344'10 MILES AIRLINE NORTHWEST OF THE VILLAGE OF TWO BUTTES,
HJ0344'ABOUT 18 MILES AIRLINE NORTH-NORTHEAST OF SPRINGFIELD, AND
HJ0344'ABOUT 30 MILES AIRLINE SOUTH OF LAMAR.

HJ0344'
HJ0344'TO REACH THE STATION FROM THE BACA COUNTY COURTHOUSE IN
HJ0344'SPRINGFIELD GO NORTH ON U.S. HIGHWAY 287 FOR 10.3 MILES TO
HJ0344'STATE ROAD 116 ON THE RIGHT. KEEP STRAIGHT AHEAD ON U.S.
HJ0344'HIGHWAY 287 AND GO NORTH 7.7 MILES TO A CROSS ROAD. TURN
HJ0344'RIGHT AS PER SIGN, TWO BUTTES AND GO EAST 0.9 MILE TO A FORK.
HJ0344'KEEP STRAIGHT AHEAD ON THE RIGHT FORK AND GO 3.0 MILES TO
HJ0344'A FORK. TURN RIGHT AND GO 0.5 MILE TO A CATTLE GUARD
HJ0344'ON THE LEFT. TURN LEFT, CROSS THE CATTLE GUARD, AND GO
HJ0344'NORTHEAST 0.15 MILE TO THE BASE OF THE BUTTE. PACK NORTHEAST
HJ0344'10 MINUTES TO THE TOP OF THE BUTTE AND THE STATION.

HJ0344'
HJ0344'THE STATION MARK IS A STANDARD DISK STAMPED, BUTTE 1953
HJ0344'CEMENTED IN A DRILL HOLE IN OUTCROPPING BEDROCK THAT IS
HJ0344'FLUSH WITH THE SURROUNDING ROCK.

HJ0344'
HJ0344'REFERENCE MARK NUMBER 1 IS A STANDARD DISK STAMPED, BUTTE
HJ0344'NO 1 1953 CEMENTED IN A DRILL HOLE IN OUTCROPPING BEDROCK
HJ0344'THAT IS FLUSH WITH THE SURROUNDING ROCK. IT IS 1 FOOT
HJ0344'HIGHER THAN THE STATION.

HJ0344'
HJ0344'REFERENCE MARK NUMBER 2 IS A STANDARD DISK STAMPED, BUTTE
HJ0344'NO 2 1953 CEMENTED IN A DRILL HOLE IN OUTCROPPING BEDROCK
HJ0344'THAT IS FLUSH WITH THE SURROUNDING ROCK. IT IS 3 FEET LOWER
HJ0344'THAN THE STATION.

HJ0344'
HJ0344'THE AZIMUTH MARK IS LOCATED ON THE EAST SIDE OF A GRAVELED
HJ0344'ROAD AND IS A STANDARD DISK STAMPED, BUTTE 1953 CEMENTED
HJ0344'IN A DRILL HOLE IN OUTCROPPING BEDROCK THAT PROJECTS 3
HJ0344'INCHES ABOVE THE GROUND. IT IS 2 FEET EAST OF A 2-FOOT CAIRN,
HJ0344'23 FEET EAST OF A FENCE LINE, 36 FEET SOUTHEAST OF A GATE,
HJ0344'AND 75 FEET EAST OF THE CENTERLINE OF THE ROAD. TO REACH
HJ0344'THE AZIMUTH MARK FROM THE CATTLE GUARD MENTIONED ABOVE,
HJ0344'GO EAST AND SOUTH ON A GRAVELED ROAD 0.8 MILE TO A CAIRN
HJ0344'AND THE AZIMUTH MARK ON THE LEFT.

HJ0344
HJ0344

STATION RECOVERY (2005)

HJ0344
HJ0344'RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2005 (ILH)
HJ0344'BRASS STEM EXISTS. MARKER HAS BEEN REMOVED.
HJ0344'NO SEARCH WAS MADE FOR RMS OR AZ MK

*** retrieval complete.
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