

The NGS Data Sheet

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

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PROGRAM = datasheet95, VERSION = 8.00
1      National Geodetic Survey,  Retrieval Date = MARCH 17, 2013
AA7127 *****
AA7127 DESIGNATION -  EMRICK
AA7127 PID          -  AA7127
AA7127 STATE/COUNTY-  CO/JEFFERSON
AA7127 COUNTRY      -  US
AA7127 USGS QUAD    -  INDIAN HILLS (1994)
AA7127
AA7127                      *CURRENT SURVEY CONTROL
AA7127
AA7127* NAD 83(2011) POSITION- 39 34 23.09524(N) 105 08 19.04064(W)  ADJUSTED
AA7127* NAD 83(2011) ELLIP HT- 1763.856 (meters)                (06/27/12)  ADJUSTED
AA7127* NAD 83(2011) EPOCH   - 2010.00
AA7127* NAVD 88 ORTHO HEIGHT - 1779.7 (meters)          5839. (feet) GPS OBS
AA7127
AA7127 NAVD 88 orthometric height was determined with geoid model  GEOID93
AA7127 GEOID HEIGHT      -      -15.53 (meters)                GEOID93
AA7127 GEOID HEIGHT      -      -15.81 (meters)                GEOID12A
AA7127 NAD 83(2011) X    - -1,286,033.075 (meters)            COMP
AA7127 NAD 83(2011) Y    - -4,753,507.966 (meters)            COMP
AA7127 NAD 83(2011) Z    -  4,042,684.861 (meters)            COMP
AA7127 LAPLACE CORR      -      -18.74 (seconds)              DEFLEC12A
AA7127
AA7127 FGDC Geospatial Positioning Accuracy Standards (95% confidence, cm)
AA7127 Type                                     Horiz  Ellip  Dist(km)
AA7127 -----
AA7127 NETWORK                                     0.43   1.04
AA7127 -----
AA7127 MEDIAN LOCAL ACCURACY AND DIST (009 points) 0.31   0.82   9.62
AA7127 -----
AA7127 NOTE: Click here for information on individual local accuracy
AA7127 values and other accuracy information.
AA7127
AA7127
AA7127.The horizontal coordinates were established by GPS observations
AA7127.and adjusted by the National Geodetic Survey in June 2012.
AA7127
AA7127.NAD 83(2011) refers to NAD 83 coordinates where the reference
AA7127.frame has been affixed to the stable North American tectonic plate. See
AA7127.NA2011 for more information. for more information.
AA7127
AA7127.The horizontal coordinates are valid at the epoch date displayed above
AA7127.which is a decimal equivalence of Year/Month/Day.
AA7127
AA7127.The orthometric height was determined by GPS observations and a
AA7127.high-resolution geoid model.
AA7127
AA7127.The X, Y, and Z were computed from the position and the ellipsoidal ht.
AA7127
AA7127.The Laplace correction was computed from DEFLEC12A derived deflections.
AA7127

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AA7127.The ellipsoidal height was determined by GPS observations
AA7127.and is referenced to NAD 83.

AA7127

AA7127. The following values were computed from the NAD 83(2011) position.

AA7127

| AA7127; | North | East | Units | Scale Factor | Converg. |
|-----------------|-----------------|--------------|-------|--------------|------------|
| AA7127;SPC CO C | - 497,991.192 | 945,451.554 | MT | 0.99996979 | +0 13 40.5 |
| AA7127;SPC CO C | - 1,633,826.10 | 3,101,868.97 | sFT | 0.99996979 | +0 13 40.5 |
| AA7127;UTM 13 | - 4,380,384.422 | 488,093.872 | MT | 0.99960175 | -0 05 17.9 |

AA7127

| AA7127! | Elev Factor | x | Scale Factor | = | Combined Factor |
|-----------------|--------------|---|--------------|---|-----------------|
| AA7127!SPC CO C | - 0.99972335 | x | 0.99996979 | = | 0.99969315 |
| AA7127!UTM 13 | - 0.99972335 | x | 0.99960175 | = | 0.99932521 |

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AA7127

SUPERSEDED SURVEY CONTROL

AA7127

| | | | | | |
|--------|--------------------|-------------------|--------------------|-------|-----|
| AA7127 | NAD 83(2007)- | 39 34 23.09546(N) | 105 08 19.04151(W) | AD() | 0 |
| AA7127 | ELLIP H (02/10/07) | 1763.871 (m) | | GP() | |
| AA7127 | ELLIP H (12/03/02) | 1763.871 (m) | | GP() | 4 2 |
| AA7127 | NAD 83(1992)- | 39 34 23.09491(N) | 105 08 19.04105(W) | AD() | 1 |
| AA7127 | ELLIP H (08/03/95) | 1763.918 (m) | | GP() | 2 2 |

AA7127

AA7127.Superseded values are not recommended for survey control.

AA7127

AA7127.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

AA7127.[See file dsdata.txt](#) to determine how the superseded data were derived.

AA7127

AA7127_U.S. NATIONAL GRID SPATIAL ADDRESS: 13SDD8809380384(NAD 83)

AA7127

AA7127_MARKER: DD = SURVEY DISK

AA7127_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

AA7127_STAMPING: EMRICK 1995

AA7127_MARK LOGO: JCMD

AA7127_MAGNETIC: M = MARKER EQUIPPED WITH BAR MAGNET

AA7127_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

AA7127+STABILITY: SURFACE MOTION

AA7127_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

AA7127+SATELLITE: SATELLITE OBSERVATIONS - November 16, 2010

AA7127

| AA7127 | HISTORY | - Date | Condition | Report By |
|--------|---------|------------|------------|-----------|
| AA7127 | HISTORY | - 1995 | MONUMENTED | CODOT |
| AA7127 | HISTORY | - 20050216 | GOOD | INDIV |
| AA7127 | HISTORY | - 20101116 | GOOD | INDIV |

AA7127

AA7127 STATION DESCRIPTION

AA7127

AA7127'DESCRIBED BY COLORADO DEPARTMENT OF TRANSPORTATION 1995 (KAW)

AA7127'THE STATION WILL BE USED DURING A COLORADO HARN DENSIFICATION

AA7127'PROJECT.

AA7127'

AA7127'THE STATION IS LOCATED 10.6 MI (17.1 KM) SOUTHEAST OF THE INTERSECTION

AA7127'OF STATE HIGHWAY 470 (SH 470) AND INTERSTATE 70 AT SH 470 REFERENCE

AA7127'MARKER 10.6 IN THE CENTER OF SECTION 32, T 5 S, R 69 W, 6TH P.M.

AA7127'OWNERSHIP-- COLORADO DEPARTMENT OF TRANSPORTATION (CODOT).

AA7127'

AA7127'TO REACH THE STATION FROM THE INTERSECTION OF SH 470 AND KEN CARYL

AA7127'ROAD, PROCEED SOUTH OF SH 470 FOR 0.4 MI (0.6 KM) AND THE STATION ON

AA7127'THE RIGHT.

AA7127'

AA7127'THE STATION IS A 3.25 IN ALUMINUM JEFFERSON COUNTY MAPPING DEPARTMENT

AA7127'DISK IN A CONCRETE POST. IT IS 78 M (255.9 FT) NORTHWEST OF THE
AA7127'NORTHWEST CORNER OF A 2.9 M (9.5 FT) LONG HEADWALL FOR A 1.5 M (4.9
AA7127'FT) DIAMETER CONCRETE PIPE, 24.6 M (80.7 FT) SOUTHWEST OF THE CENTER
AA7127'OF THE EAST BOUND LANES OF SH 470, 10.8 M (35.4 FT) NORTHEAST OF THE
AA7127'MIDDLE OF 5 BRACE POSTS OF A 8 FT (2.4 M) DEER FENCE, 0.9 M (3.0 FT)
AA7127'SOUTH OF A CODOT FIBERGLASS WITNESS POST, 0.85 M (2.79 FT) NORTHEAST
AA7127'OF A CODOT FIBERGLASS WITNESS POST, AND 0.8 M (2.6 FT) WEST OF A CODOT
AA7127'FIBERGLASS WITNESS POST.

AA7127'

AA7127'DESCRIPTION BY K.A. WILLIAMS, CODOT.

AA7127

AA7127

STATION RECOVERY (2005)

AA7127

AA7127'RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2005 (JW)

AA7127'THE STATION IS LOCATED 10.6 MI (17.1 KM) SOUTHEAST OF THE INTERSECTION
AA7127'OF STATE HIGHWAY 470 (SH 470) AND INTERSTATE 70 AT SH 470 REFERENCE
AA7127'MARKER 10.6 IN THE CENTER OF SECTION 32, T 5 S, R 69 W, 6TH P.M.
AA7127'OWNERSHIP-- COLORADO DEPARTMENT OF TRANSPORTATION (CODOT).

AA7127'

AA7127'TO REACH THE STATION FROM THE INTERSECTION OF SH 470 AND KEN CARYL
AA7127'ROAD, PROCEED SOUTH ON 470 FOR 0.2 MI (0.3KM) AND THE STATION ON THE
AA7127'RIGHT. THE STATION IS A 3.25 IN ALUMINUM JEFFERSON COUNTY MAPPING
AA7127'DEPARTMENT DISC IN A CONCRETE POST.

AA7127'

AA7127'IT IS 78 M (255.9 FT) NORTHWEST OF THE NORTHWEST CORNER OF A 2.9 M
AA7127'(9.5 FT) LONG HEADWALL FOR A 1.5 M (4.9 FT) DIAMETER CONCRETE PIPE,
AA7127'24.6 M (80.7 FT) SOUTHWEST OF THE CENTER OF THE EAST BOUND LANES OF SH
AA7127'470, 10.8 M (35.4 FT) NORTHEAST OF THE MIDDLE OF 5 BRACE POSTS OF A
AA7127'8FT (2.4 M) DEER FENCE, 0.85 M (2.79 FT) NORTHEAST OF A CODOT
AA7127'FIBERGLASS WITNESS POST, AND 0.8 M (2.6 FT) WEST OF A CODOT FIBERGLASS
AA7127'WITNESS POST.

AA7127

AA7127

STATION RECOVERY (2010)

AA7127

AA7127'RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2010 (BB)

AA7127'RECOVERED - TRUE NORTH SURVEYING MAPPING

*** retrieval complete.

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