

# The NGS Data Sheet

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

PROGRAM = datasheet95, VERSION = 8.00

1 National Geodetic Survey, Retrieval Date = FEBRUARY 28, 2013

KK1442 \*\*\*\*\*

KK1442 DESIGNATION - 84

KK1442 PID - KK1442

KK1442 STATE/COUNTY- CO/JEFFERSON

KK1442 COUNTRY - US

KK1442 USGS QUAD - ARVADA (1994)

KK1442

KK1442 \*CURRENT SURVEY CONTROL

KK1442

KK1442\* **NAD 83(1992)** POSITION- 39 49 33.15651(N) 105 04 51.83141(W) ADJUSTED

KK1442\* **NAVD 88** ORTHO HEIGHT - 1710.271 (meters) 5611.11 (feet) ADJUSTED

KK1442

KK1442 LAPLACE CORR - -12.44 (seconds) DEFLEC12A

KK1442 GEOID HEIGHT - -16.77 (meters) GEOID12A

KK1442 DYNAMIC HEIGHT - 1708.620 (meters) 5605.70 (feet) COMP

KK1442 MODELED GRAVITY - 979,600.4 (mgal) NAVD 88

KK1442

KK1442 **HORZ ORDER** - **SECOND**

**KK1442** **VERT ORDER** - **FIRST** **CLASS II**

KK1442

KK1442.The horizontal coordinates were established by classical geodetic methods  
KK1442.and adjusted by the National Geodetic Survey in January 1993.

KK1442.

KK1442.The orthometric height was determined by differential leveling and

KK1442.adjusted by the NATIONAL GEODETIC SURVEY

KK1442.in June 1991.

KK1442

KK1442.The Laplace correction was computed from DEFLEC12A derived deflections.

KK1442

KK1442.The dynamic height is computed by dividing the NAVD 88

KK1442.geopotential number by the normal gravity value computed on the

KK1442.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45

KK1442.degrees latitude (g = 980.6199 gals.).

KK1442

KK1442.The modeled gravity was interpolated from observed gravity values.

KK1442

KK1442. The following values were computed from the NAD 83(1992) position.

KK1442

KK1442;

|                 | North           | East         | Units | Scale Factor | Converg.   |
|-----------------|-----------------|--------------|-------|--------------|------------|
| KK1442;SPC CO C | - 526,079.405   | 950,267.510  | MT    | 1.00001589   | +0 15 51.2 |
| KK1442;SPC CO C | - 1,725,978.85  | 3,117,669.32 | sFT   | 1.00001589   | +0 15 51.2 |
| KK1442;UTM 13   | - 4,408,434.682 | 493,062.833  | MT    | 0.99960059   | -0 03 06.9 |

KK1442

KK1442! - Elev Factor x Scale Factor = Combined Factor

KK1442!SPC CO C - 0.99973439 x 1.00001589 = 0.99975028

KK1442!UTM 13 - 0.99973439 x 0.99960059 = 0.99933509

KK1442

KK1442: Primary Azimuth Mark

Grid Az

KK1442:SPC CO C - 84 AZ MK

185 34 03.7

2/28/2013

KK1442'REFERENCE MARK 1, STAMPED---84 JCMD RM 1 1977---, IS A 3-INCH  
KK1442'BRONZE DISK SET IN CONCRETE, 32 FEET WEST OF THE WEST EDGE OF  
KK1442'PAVED PARKING LOT, 1.5 FEET WEST OF THE EAST RIGHT-OF-WAY  
KK1442'FENCE AND 3 FEET FROM THE NEAREST FENCE POST.

KK1442'

KK1442'REFERENCE MARK 2, STAMPED---84 JCMD RM 2 1977---, IS A 3-INCH  
KK1442'BRONZE DISK SET IN CONCRETE ALSO 32 FEET WEST OF THE WEST EDGE  
KK1442'OF THE PAVED PARKING LOT, 1.5 FEET FROM ONE FENCE POST AND 15  
KK1442'FEET FROM ANOTHER.

KK1442'

KK1442'THE AZIMUTH MARK, STAMPED---84 JCMD AZMK 1977---, IS A 3-INCH  
KK1442'BRONZE DISK CEMENTED IN A DRILL HOLE IN THE WEST EDGE OF THE  
KK1442'SIDEWALK, 6 FEET EAST OF THE RIGHT-OF-WAY FENCE, 26 FEET WEST  
KK1442'OF THE WEST CURB OF WADSWORTH AND 153.5 FEET NORTH-NORTHWEST  
KK1442'OF THE FIRST LAMP POST NORTH OF 68TH AVENUE.

KK1442

KK1442 STATION RECOVERY (1984)

KK1442

KK1442'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1984

KK1442'IN ARVADA.

KK1442'IN ARVADA, AT THE INTERSECTION OF WADSWORTH BOULEVARD (STATE HIGHWAY  
KK1442'121) AND HACKBERRY HILL ROAD, 94.2 METERS (309.1 FT) NORTH OF THE  
KK1442'CENTER OF THE ROAD, 64.0 METERS (210.0 FT) WEST OF THE WEST FACE OF  
KK1442'THE GRACE BRETHERN CHURCH, 35.0 METERS (114.8 FT) EAST OF THE  
KK1442'CENTERLINE OF THE NORTH BOUND LANES OF THE BOULEVARD, 30.0 METERS  
KK1442'(98.4 FT) NORTHWEST OF UTILITY POLE NUMBER 8244, AND 0.5 METER  
KK1442'(1.6 FT) WEST OF A FENCE. NOTE=THE ELEVATION ON THIS MARK SHOULD BE  
KK1442'USED WITH CAUTION, DUE TO ITS CONDITON.  
KK1442'THE MARK IS 15.0 M ABOVE THE BOULEVARD.

\*\*\* retrieval complete.

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