

# The NGS Data Sheet

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

PROGRAM = datasheet95, VERSION = 8.7.1

1 National Geodetic Survey, Retrieval Date = SEPTEMBER 16, 2015

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KK1372 *****
KK1372 DESIGNATION - K 407
KK1372 PID - KK1372
KK1372 STATE/COUNTY- CO/JEFFERSON
KK1372 COUNTRY - US
KK1372 USGS QUAD - GOLDEN (1994)
KK1372
KK1372 *CURRENT SURVEY CONTROL
KK1372
KK1372* NAD 83(2011) POSITION- 39 45 09.66240(N) 105 13 01.48583(W) ADJUSTED
KK1372* NAD 83(2011) ELLIP HT- 1718.493 (meters) (06/27/12) ADJUSTED
KK1372* NAD 83(2011) EPOCH - 2010.00
KK1372* NAVD 88 ORTHO HEIGHT - 1734.115 (meters) 5689.34 (feet) ADJUSTED
KK1372
KK1372 NAD 83(2011) X - -1,289,190.210 (meters) COMP
KK1372 NAD 83(2011) Y - -4,739,424.053 (meters) COMP
KK1372 NAD 83(2011) Z - 4,058,010.854 (meters) COMP
KK1372 LAPLACE CORR - -18.90 (seconds) DEFLEC12B
KK1372 GEOID HEIGHT - -15.62 (meters) GEOID12B
KK1372 DYNAMIC HEIGHT - 1732.395 (meters) 5683.70 (feet) COMP
KK1372 MODELED GRAVITY - 979,573.7 (mgal) NAVD 88
KK1372
KK1372 VERT ORDER - FIRST CLASS II
KK1372
KK1372 Network accuracy estimates per FGDC Geospatial Positioning Accuracy
KK1372 Standards:
KK1372 FGDC (95% conf, cm) Standard deviation (cm) CorrNE
KK1372 Horiz Ellip SD_N SD_E SD_h (unitless)
KK1372 -----
KK1372 NETWORK 1.63 2.00 0.72 0.60 1.02 0.08583726
KK1372 -----
KK1372 Click here for local accuracies and other accuracy information.
KK1372
KK1372
KK1372.The horizontal coordinates were established by GPS observations
KK1372.and adjusted by the National Geodetic Survey in June 2012.
KK1372
KK1372.NAD 83(2011) refers to NAD 83 coordinates where the reference
KK1372.frame has been affixed to the stable North American tectonic plate. See
KK1372.NA2011 for more information.
KK1372
KK1372.The horizontal coordinates are valid at the epoch date displayed above
KK1372.which is a decimal equivalence of Year/Month/Day.
KK1372
KK1372.The orthometric height was determined by differential leveling and
KK1372.adjusted by the NATIONAL GEODETIC SURVEY
KK1372.in June 1991.
KK1372
KK1372.The X, Y, and Z were computed from the position and the ellipsoidal ht.
KK1372

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KK1372.The Laplace correction was computed from DEFLEC12B derived deflections.

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KK1372.The ellipsoidal height was determined by GPS observations

KK1372.and is referenced to NAD 83.

KK1372

KK1372.The dynamic height is computed by dividing the NAVD 88

KK1372.geopotential number by the normal gravity value computed on the

KK1372.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45

KK1372.degrees latitude (g = 980.6199 gals.).

KK1372

KK1372.The modeled gravity was interpolated from observed gravity values.

KK1372

KK1372. The following values were computed from the NAD 83(2011) position.

KK1372

KK1372;		North	East	Units	Scale Factor	Converg.
KK1372;SPC CO C	-	517,907.757	938,648.418	MT	1.00000053	+0 10 42.4
KK1372;SPC CO C	-	1,699,169.03	3,079,549.02	sFT	1.00000053	+0 10 42.4
KK1372;UTM 13	-	4,400,330.677	481,403.483	MT	0.99960426	-0 08 19.7
KK1372!	-	Elev Factor x Scale Factor = Combined Factor				
KK1372!SPC CO C	-	0.99973047	x	1.00000053	=	0.99973100
KK1372!UTM 13	-	0.99973047	x	0.99960426	=	0.99933484

KK1372

SUPERSEDED SURVEY CONTROL

KK1372

KK1372	NAD 83(2007)-	39 45 09.66260(N)		105 13 01.48663(W)	AD(2002.00)	0
KK1372	ELLIP H (02/10/07)	1718.510 (m)			GP(2002.00)	
KK1372	NAD 83(1992)-	39 45 09.66188(N)		105 13 01.48601(W)	AD( )	1
KK1372	ELLIP H (10/27/04)	1718.518 (m)			GP( )	4 2
KK1372	NAVD 88 (10/27/04)	1734.12 (m)		5689.4 (f)	LEVELING	3
KK1372	NGVD 29 (??/??/??)	1733.158 (m)		5686.20 (f)	ADJUSTED	1 2

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KK1372.Superseded values are not recommended for survey control.

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KK1372.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

KK1372.[See file dsdata.txt](#) to determine how the superseded data were derived.

KK1372

KK1372\_U.S. NATIONAL GRID SPATIAL ADDRESS: 13SDE8140300330(NAD 83)

KK1372

KK1372\_MARKER: F = FLANGE-ENCASED ROD

KK1372\_SETTING: 49 = STAINLESS STEEL ROD W/O SLEEVE (10 FT.+)

KK1372\_SP\_SET: STAINLESS STEEL ROD

KK1372\_STAMPING: K 407 1984

KK1372\_MARK LOGO: NGS

KK1372\_PROJECTION: FLUSH

KK1372\_MAGNETIC: I = MARKER IS A STEEL ROD

KK1372\_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL

KK1372\_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

KK1372+SATELLITE: SATELLITE OBSERVATIONS - March 06, 2014

KK1372\_ROD/PIPE-DEPTH: 7.3 meters

KK1372

KK1372	HISTORY	- Date	Condition	Report By
KK1372	HISTORY	- 1984	MONUMENTED	NGS
KK1372	HISTORY	- 20000606	GOOD	NGS
KK1372	HISTORY	- 20030910	GOOD	NGS
KK1372	HISTORY	- 20040130	GOOD	MSAM
KK1372	HISTORY	- 20080125	GOOD	INDIV
KK1372	HISTORY	- 20121010	GOOD	CODOT
KK1372	HISTORY	- 20140306	GOOD	KII

KK1372

STATION DESCRIPTION

KK1372

KK1372

KK1372'DESCRIBED BY NATIONAL GEODETIC SURVEY 1984

KK1372'IN GOLDEN.

KK1372'IN GOLDEN, AT THE INTERSECTION OF JACKSON STREET AND 16TH STREET,

KK1372'11.6 METERS (38.1 FT) SOUTHEAST OF THE CENTER OF 16TH STREET, 7.6

KK1372'METERS (24.9 FT) NORTHEAST OF THE CENTER OF JACKSON STREET, AND

KK1372'1.0 METER (3.3 FT) SOUTHEAST OF UTILITY POLE NUMBER 173. NOTE--ACCESS

KK1372'TO THE DATUM POINT IS THROUGH A 5-INCH LOGO CAP.

KK1372'THE MARK IS 0.3 METERS NW FROM A WITNESS POST.

KK1372'THE MARK IS ABOVE LEVEL WITH THE STREETS.

KK1372

KK1372

STATION RECOVERY (2000)

KK1372

KK1372'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 2000 (RSC)

KK1372'RECOVERED AS DESCRIBED.

KK1372'

KK1372'

KK1372'

KK1372'

KK1372'

KK1372

KK1372

STATION RECOVERY (2003)

KK1372

KK1372'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 2003 (DW)

KK1372'REFERENCE POINT IS 8.5 CM BELOW LOGO CAP. WITNESS POST IS GONE.

KK1372'UTILITY POLE IS NOW NUMBERED '34 3-70 8269' AND WITNESS SIGN IS NAILED

KK1372'TO IT. STATION IS AT NW CORNER OF A LOT CONTAINING BURGER KING AND

KK1372'SAFEWAY.

KK1372

KK1372

STATION RECOVERY (2004)

KK1372

KK1372'RECOVERY NOTE BY MOUNTAIN SURVEYING AND MAPPING INC 2004 (KCH)

KK1372'RECOVERY NOTE BY MOUNTAIN SURVEYING AND MAPPING, INC. 2004 (BAJ)

KK1372'RECOVERED AS DESCRIBED

KK1372

KK1372

STATION RECOVERY (2008)

KK1372

KK1372'RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2008

KK1372'RECOVERED AS DESCRIBED

KK1372

KK1372

STATION RECOVERY (2012)

KK1372

KK1372'RECOVERY NOTE BY COLORADO DEPARTMENT OF TRANSPORTATION 2012 (SLK)

KK1372'RECOVERED AS DESCRIBED.

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STATION RECOVERY (2014)

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KK1372'RECOVERY NOTE BY KUCERA INTERNATIONAL INC 2014 (BL)

KK1372'RECOVERED IN GOOD CONDITION.

\*\*\* retrieval complete.

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