

# 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 = MARCH 17, 2013

KK1839 \*\*\*\*\*

KK1839 DESIGNATION - 85

KK1839 PID - KK1839

KK1839 STATE/COUNTY- CO/JEFFERSON

KK1839 COUNTRY - US

KK1839 USGS QUAD - INDIAN HILLS (1994)

KK1839

KK1839 \*CURRENT SURVEY CONTROL

KK1839

KK1839\* NAD 83(1992) POSITION- 39 35 26.98935(N) 105 09 19.67984(W) ADJUSTED

KK1839\* [NAVD 88](#) ORTHO HEIGHT - 1993.4 (meters) 6540. (feet) VERTCON

KK1839

KK1839 GEOID HEIGHT - -15.71 (meters) GEOID12A

KK1839 LAPLACE CORR - -19.95 (seconds) DEFLEC12A

KK1839 HORZ ORDER - SECOND

KK1839

KK1839.The horizontal coordinates were established by classical geodetic methods  
KK1839.and adjusted by the National Geodetic Survey in January 1993.

KK1839.

KK1839.The NAVD 88 height was computed by applying the VERTCON shift value to  
KK1839.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)

KK1839

KK1839.The Laplace correction was computed from DEFLEC12A derived deflections.

KK1839

KK1839. The following values were computed from the NAD 83(1992) position.

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KK1839;

	North	East	Units	Scale Factor	Converg.
KK1839;SPC CO C	- 499,956.038	943,996.825	MT	0.99997239	+0 13 02.3
KK1839;SPC CO C	- 1,640,272.43	3,097,096.25	sFT	0.99997239	+0 13 02.3
KK1839;UTM 13	- 4,382,356.541	486,650.545	MT	0.99960219	-0 05 56.7

KK1839

KK1839! - Elev Factor x Scale Factor = Combined Factor

KK1839!SPC CO C - 0.99968983 x 0.99997239 = 0.99966223

KK1839!UTM 13 - 0.99968983 x 0.99960219 = 0.99929214

KK1839

KK1839: Primary Azimuth Mark

Grid Az

KK1839:SPC CO C - LINDO 295 22 30.1

KK1839:UTM 13 - LINDO 295 41 29.1

KK1839

KK1839|-----|

PID	Reference Object	Distance	Geod. Az
KK1839			ddmmss.s
KK1839	CP7242 85 RM 1	9.832 METERS	16237
KK1839	KK1842 LINDO	APPROX. 5.0 KM	2953532.4
KK1839	CP7243 85 RM 2	23.563 METERS	33240

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KK1839

KK1839 SUPERSEDED SURVEY CONTROL

KK1839

KK1839 NAD 83(1986)- 39 35 26.98641(N) 105 09 19.67854(W) AD( ) 2

KK1839 NAD 27 - 39 35 27.02713(N) 105 09 17.72418(W) AD( ) 2  
KK1839 NGVD 29 (07/19/86) 1992.4 (m) 6537. (f) VERT ANG  
KK1839

KK1839.Superseded values are not recommended for survey control.

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KK1839.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

KK1839.[See file dsdata.txt](#) to determine how the superseded data were derived.

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KK1839\_U.S. NATIONAL GRID SPATIAL ADDRESS: 13SDD8665082356(NAD 83)

KK1839

KK1839\_MARKER: DD = SURVEY DISK

KK1839\_SETTING: 66 = SET IN ROCK OUTCROP

KK1839

KK1839 HISTORY - Date Condition Report By

KK1839 HISTORY - 1977 MONUMENTED CO-059

KK1839

KK1839 STATION DESCRIPTION

KK1839

KK1839'DESCRIBED BY JEFFERSON COUNTY COLORADO 1977 (LCH)

KK1839'THE STATION IS LOCATED 6 MILES SOUTHWEST OF LITTLETON IN THE

KK1839'NORTHEAST 1/4 OF SECTION 30, T 5 S, R 69 W.

KK1839'

KK1839'TO REACH THE STATION FROM THE ARAPAHOE COUNTY COURTHOUSE IN

KK1839'LITTLETON, GO WEST ON THE MAIN STREET FOR 1 MILE TO PLATTE

KK1839'CANYON ROAD. TURN LEFT AND GO SOUTH FOR 2.2 MILES TO KEN CARYL

KK1839'AVENUE. TURN RIGHT AND GO WEST 4 MILES TO A JUNCTION JUST

KK1839'NORTH OF THE KEN CARYL RANCH SALES AREA, BEAR RIGHT AND CONTINUE

KK1839'WEST TOWARD A BREAK IN THE HOGBACK. TURN RIGHT AND GO 1.5

KK1839'MILES TO A POINT ABOUT 200 YARDS WEST OF THE HOGBACK.

KK1839'TURN RIGHT AND PROCEED ALONG A WAGON ROAD TO THE NORTH 1 MILE

KK1839'TO ITS HIGHEST POINT STRAIGHT WEST OF THE HIGHEST POINT ON

KK1839'THE HOGBACK. BEGIN THE 15 MINUTE PACK STRAIGHT EAST TO THE

KK1839'HIGHEST POINT ON THE ROCK OUTCROP OF THE HOGBACK.

KK1839'

KK1839'THE STATION MARK, STAMPED---85 JCMD 1977---, IS A 3-INCH BRONZE

KK1839'DISK CEMENTED IN A DRILL HOLE IN THE BEDROCK OUTCROP AT THE HIGHEST

KK1839'POINT IN THE DAKOTA HOGBACK, FOR MORE THAN A MILE IN EITHER

KK1839'DIRECTION, 9.5 FEET SOUTHEAST OF THE HIGHEST POINT, 4.7 FEET BACK

KK1839'FROM A CLIFF TO THE WEST, AND 15.5 FEET SOUTH OF A 6-INCH LONE

KK1839'CEDAR TREE.

KK1839'

KK1839'REFERENCE MARK 1, STAMPED---85 JCMD RM 1 1977---, IS A 3-INCH

KK1839'BRONZE DISK CEMENTED IN A DRILL HOLE IN BEDROCK OUTCROP. 1 FOOT

KK1839'BACK FROM THE CLIFF TO THE WEST, AND 41.5 FEET SOUTH-SOUTHEAST OF

KK1839'THE BEFORE MENTIONED HIGHEST POINT.

KK1839'

KK1839'REFERENCE MARK 2, STAMPED---85 JCMD RM 2 1977---, IS A 3-INCH

KK1839'BRONZE DISK CEMENTED IN A DRILL HOLE IN BEDROCK OUTCROP, 1 FOOT

KK1839'BACK FROM THE CLIFF EDGE, AND 29 FEET NORTH-NORTHWEST OF ANOTHER

KK1839'LONE CEDAR TREE.

KK1839'

KK1839'NO SUITABLE LOCATION FOR AN AZIMUTH MARK.

\*\*\* retrieval complete.

Elapsed Time = 00:00:06