

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
LL1346 *****
LL1346 DESIGNATION - LONGS PEAK
LL1346 PID - LL1346
LL1346 STATE/COUNTY- CO/BOULDER
LL1346 USGS QUAD - LONGS PEAK (1978)
LL1346
LL1346 *CURRENT SURVEY CONTROL
LL1346
LL1346* NAD 83(1992)- 40 15 18.04872(N) 105 36 54.41503(W) ADJUSTED
LL1346* NAVD 88 - 4346. (meters) 14259. (feet) SCALED
LL1346
LL1346 LAPLACE CORR- -14.23 (seconds) DEFLEC99
LL1346 GEOID HEIGHT- -12.24 (meters) GEOID03
LL1346 HORZ ORDER - FIRST
LL1346
LL1346.The horizontal coordinates were established by classical geodetic methods
LL1346.and adjusted by the National Geodetic Survey in January 1993.
LL1346
LL1346.The orthometric height was scaled from a topographic map.
LL1346
LL1346.The Laplace correction was computed from DEFLEC99 derived deflections.
LL1346
LL1346.The geoid height was determined by GEOID03.
LL1346
LL1346;
LL1346;SPC CO N - North East Units Scale Factor Converg.
LL1346;SPC CO N - 407,141.653 904,608.782 MT 0.99995685 -0 04 27.8
LL1346;SPC CO N - 1,335,763.91 2,967,870.65 sFT 0.99995685 -0 04 27.8
LL1346;UTM 13 - 4,456,243.303 447,689.619 MT 0.99963368 -0 23 51.0
LL1346
LL1346!
LL1346!SPC CO N - Elev Factor x Scale Factor = Combined Factor
LL1346!UTM 13 - 0.99932066 x 0.99995685 = 0.99927754
LL1346!UTM 13 - 0.99932066 x 0.99963368 = 0.99895459
LL1346
LL1346:
LL1346:SPC CO N - Primary Azimuth Mark Grid Az
LL1346:UTM 13 - LONGS PEAK AZ MK 016 49 43.7
LL1346:UTM 13 - LONGS PEAK AZ MK 017 09 06.9
LL1346
LL1346|-----|
LL1346| PID Reference Object Distance Geod. Az |
LL1346| | | | dddmmss.s |
LL1346| CP7662 LONGS PEAK AZ MK | 0164515.9 |
LL1346| CP7663 LONGS PEAK RM 1 | 5.098 METERS 04142 |
LL1346| LL1347 14255 | 4.197 METERS 07845 |
LL1346| CP7664 LONGS PEAK RM 2 | 4.042 METERS 16253 |
LL1346|-----|
LL1346
LL1346
LL1346 SUPERSEDED SURVEY CONTROL
LL1346
LL1346 NAD 83(1986)- 40 15 18.04137(N) 105 36 54.40947(W) AD( ) 1
LL1346 NAD 27 - 40 15 18.09400(N) 105 36 52.40400(W) AD( ) 1
LL1346
LL1346.Superseded values are not recommended for survey control.
LL1346.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
LL1346.See file dsdata.txt to determine how the superseded data were derived.

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LL1346

LL1346_U.S. NATIONAL GRID SPATIAL ADDRESS: 13TDE4769056243(NAD 83)

LL1346_MARKER: DS = TRIANGULATION STATION DISK

LL1346_SETTING: 80 = SET IN A BOULDER

LL1346_SP_SET: IN A DRILL HOLE IN ROCK LEDGE

LL1346

LL1346	HISTORY	- Date	Condition	Report By
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LL1346	HISTORY	- 1939	MONUMENTED	CGS
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LL1346

LL1346 STATION DESCRIPTION

LL1346

LL1346'DESCRIBED BY COAST AND GEODETIC SURVEY 1939 (FGJ)

LL1346'STATION IS LOCATED 8 MILES SOUTH AND 5 MILES WEST OF ESTES PARK,

LL1346'COLORADO ON THE SUMMIT OF LONGS PEAK, WHICH IS WELL KNOWN

LL1346'AND THE HIGHEST IN THE VICINITY, ELEVATION 14,255 FEET ABOVE

LL1346'SEA LEVEL.

LL1346'

LL1346'TO REACH FROM THE JUNCTION OF U.S. HIGHWAY 34 WITH STATE

LL1346'HIGHWAYS 66 AND 7 AT THE NORTH END OF ESTES PARK, TURN RIGHT

LL1346'ON HIGHWAY 66 AND 7 AND CONTINUE 0.4 MILE TO THEIR JUNCTION.

LL1346'TURN RIGHT AND FOLLOW STATE HIGHWAY 7 FOR 8.9 MILES TO GRADED

LL1346'ROAD, RIGHT, AND SIGNS, TRAIL TO LONGS PEAK AND HEWES-KIRKWOOD

LL1346'INN. TURN RIGHT ONTO GRADED ROAD AND GO 0.5 MILE TO THE

LL1346'HEWES-KIRKWOOD INN, WHERE HORSES MAY BE OBTAINED IF DESIRED.

LL1346'CONTINUE ON GRADED ROAD 0.7 MILES TO THE LONGS PEAK PUBLIC

LL1346'CAMP GROUND AND THE END OF TRUCK TRAVEL. PACK WESTERLY AND

LL1346'SOUTHWESTERLY ABOUT 6 MILES TO THE BOULDER FIELD SHELTER

LL1346'CABIN, WHICH IS THE END OF HORSE TRAVEL. THENCE CLIMB

LL1346'NORTHERLY FACE OF THE PEAK TO THE SUMMIT.

LL1346'

LL1346'SURFACE, REFERENCE AND AZIMUTH MARKS ARE STANDARD BRONZE DISKS

LL1346'IN A BOULDER.

LL1346'

LL1346'REFERENCE MARK NO. 1 IS NORTHEAST OF THE STATION AND AT

LL1346'ABOUT THE SAME ELEVATION. REFERENCE MARK NO. 2 IS SOUTH-SOUTHEAST

LL1346'OF THE STATION AND AT ABOUT THE SAME ELEVATION. A STANDARD

LL1346'USGS BENCH MARK IS EAST-NORTHEAST OF THE STATION ON TOP OF

LL1346'A LARGE BOULDER, WHICH IS THE HIGHEST POINT ON THE PEAK. THE

LL1346'ELEVATION, 14,255 FEET, IS STAMPED ON THIS MARK, AND IT IS

LL1346'ABOUT 5 FEET ABOVE THE STATION MARK.

LL1346'

LL1346'THE AZIMUTH MARK IS ABOUT 1-1/2 MILES, AIRLINE, NORTH-NORTHEAST

LL1346'AND ABOUT 2,000 FEET LOWER. IT IS ON THE SOUTH SIDE OF THE

LL1346'TRAIL LEADING TO THE SHELTER HOUSE AND ABOUT 30 FEET EAST

LL1346'OF A SIGN READING BOULDER FIELD SHELTER CABIN 1.5 MILES.

*** retrieval complete.

Elapsed Time = 00:00:00