

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
LL1343 *****
LL1343 DESIGNATION - TWIN SISTER LOOKOUT HOUSE
LL1343 PID - LL1343
LL1343 STATE/COUNTY- CO/LARIMER
LL1343 USGS QUAD - LONGS PEAK (1978)
LL1343
LL1343 *CURRENT SURVEY CONTROL
LL1343
LL1343* NAD 83(1992)- 40 17 20.31476(N) 105 31 09.63621(W) ADJUSTED
LL1343* NAVD 88 - 3480. (meters) 11417. (feet) SCALED
LL1343
LL1343 LAPLACE CORR- -17.81 (seconds) DEFLEC99
LL1343 GEOID HEIGHT- -12.82 (meters) GEOID03
LL1343 HORZ ORDER - THIRD
LL1343
LL1343.The horizontal coordinates were established by classical geodetic methods
LL1343.and adjusted by the National Geodetic Survey in January 1993.
LL1343
LL1343.The orthometric height was scaled from a topographic map.
LL1343
LL1343.The Laplace correction was computed from DEFLEC99 derived deflections.
LL1343
LL1343.The geoid height was determined by GEOID03.
LL1343
LL1343;
LL1343;SPC CO N - North East Units Scale Factor Converg.
LL1343;SPC CO N - 410,906.537 912,757.077 MT 0.99995707 -0 00 45.0
LL1343;SPC CO N - 1,348,115.86 2,994,603.84 sFT 0.99995707 -0 00 45.0
LL1343;UTM 13 - 4,459,960.939 455,856.342 MT 0.99962399 -0 20 09.0
LL1343
LL1343! - Elev Factor x Scale Factor = Combined Factor
LL1343!SPC CO N - 0.99945633 x 0.99995707 = 0.99941342
LL1343!UTM 13 - 0.99945633 x 0.99962399 = 0.99908052
LL1343
LL1343 SUPERSEDED SURVEY CONTROL
LL1343
LL1343 NAD 83(1986)- 40 17 20.30643(N) 105 31 09.63302(W) AD( ) 4
LL1343 NAD 27 - 40 17 20.36400(N) 105 31 07.63500(W) AD( ) 3
LL1343
LL1343.Superseded values are not recommended for survey control.
LL1343.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
LL1343.See file dsdata.txt to determine how the superseded data were derived.
LL1343
LL1343 U.S. NATIONAL GRID SPATIAL ADDRESS: 13TDE5585659961(NAD 83)
LL1343 MARKER: 57 = LOOKOUT TOWER
LL1343
LL1343 HISTORY - Date Condition Report By
LL1343 HISTORY - 1949 FIRST OBSERVED CGS
LL1343 HISTORY - 1955 GOOD USGS
LL1343
LL1343 STATION DESCRIPTION
LL1343
LL1343'DESCRIBED BY COAST AND GEODETIC SURVEY 1949 (DHK)
LL1343'THE STATION IS LOCATED ABOUT 6.0 MILES AIR LINE SOUTH OF
LL1343'ESTES PARK ON TWIN SISTER MOUNTAIN. IT IS LOCATED ON THE

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LL1343'HIGHEST POINT OF A SMALL ROCKY PEAK THAT IS ABOUT 0.1 MILE
LL1343'WEST OF AND SLIGHTLY LOWER THAN THE NORTH PEAK OF THE TWIN
LL1343'SISTERS PEAKS. THE STATION IS A 7-FOOT SQUARE WOODEN HOUSE
LL1343'THAT HOLDS THE FIRE FINDER OWNED BY THE PARK SERVICE. THE HOUSE
LL1343'IS 51.8 FEET SOUTH-SOUTHEAST OF TRIANGULATION STATION SISTERS
LL1343'1949. THE TOP-CENTER OF THE LOOKOUT WAS THE POINT OBSERVED ON.
LL1343

LL1343 STATION RECOVERY (1955)

LL1343

LL1343'RECOVERY NOTE BY US GEOLOGICAL SURVEY 1955

LL1343'STATION DESTROYED. THIS LOOKOUT 51.8 FEET FROM SISTERS 1949 HAS BEEN

LL1343'REPLACED BY NEW BUILDING 13.6 FEET DISTANT TO CENTER.

*** retrieval complete.

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