The NGS Data Sheet

See file dsdata.pdf for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.12.5.4
        National Geodetic Survey, Retrieval Date = OCTOBER 9, 2019
KK1446 DESIGNATION - DOVER
KK1446 PID
                   - KK1446
KK1446 STATE/COUNTY- CO/JEFFERSON
                    - US
KK1446 COUNTRY
                    - ARVADA (1994)
KK1446 USGS QUAD
KK1446
KK1446
                               *CURRENT SURVEY CONTROL
KK1446
KK1446* NAD 83(1992) POSITION- 39 49 17.98157(N) 105 05 42.59638(W)
                                                                    ADJUSTED
KK1446* <u>NAVD</u> 88 ORTHO HEIGHT - 1719.383 (meters)
                                                     5641.01 (feet) ADJUSTED
KK1446
KK1446 GEOID HEIGHT
                               -16.687 (meters)
                                                                    GEOID18
KK1446 LAPLACE CORR
                                -11.94
                                        (seconds)
                                                                    DEFLEC18
KK1446 DYNAMIC HEIGHT -
                               1717.717 (meters)
                                                     5635.54
                                                              (feet) COMP
KK1446 MODELED GRAVITY -
                             979,596.9
                                                                    NAVD 88
                                      (mgal)
KK1446
KK1446 HORZ ORDER
                          FIRST
KK1446 VERT ORDER
                                    CLASS II
                          FIRST
KK1446
KK1446. The horizontal coordinates were established by classical geodetic methods
KK1446.and adjusted by the National Geodetic Survey in January 1993.
KK1446.
KK1446. The orthometric height was determined by differential leveling and
KK1446.adjusted by the NATIONAL GEODETIC SURVEY
KK1446.in June 1991.
KK1446.Significant digits in the geoid height do not necessarily reflect accuracy.
KK1446.GEOID18 height accuracy estimate available here.
KK1446.Click here to see if photographs exist for this station.
KK1446. The Laplace correction was computed from DEFLEC18 derived deflections.
KK1446
KK1446. The dynamic height is computed by dividing the NAVD 88
KK1446.geopotential number by the normal gravity value computed on the
KK1446. Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
KK1446.degrees latitude (g = 980.6199 gals.).
KK1446. The modeled gravity was interpolated from observed gravity values.
KK1446. The following values were computed from the NAD 83(1992) position.
KK1446
KK1446;
                                                 Units Scale Factor Converg.
                           North
                                        East
                        525,605.903 949,062.364
KK1446; SPC CO C
                                                   TM
                                                       1.00001496
                                                                   +0 15 19.2
KK1446; SPC CO C
                    - 1,724,425.37 3,113,715.44
                                                  sFT
                                                       1.00001496
                                                                   +0 15 19.2
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KK1446;UTM 13 - 4,407,968.032 491,855.594 MT 0.99960082 -0 03 39.4
KK1446
KK1446! - Elev Factor x Scale Factor = Combined Factor
KK1446!SPC CO C - 0.99973295 x 1.00001496 = 0.99974791
KK1446!UTM 13 - 0.99973295 x 0.99960082 = 0.99933388
KK1446
KK1446: Primary Azimuth Mark
KK1446:SPC CO C - CAMP
KK1446:UTM 13 - CAMP
                                                                     Grid Az
                                                                      212 06 35.6
                                                                      212 25 34.2
KK1446
KK1446 U.S. NATIONAL GRID SPATIAL ADDRESS: 13SDE9185507968(NAD 83)
KK1446 | ------ |
                                                       Distance Geod. Az
KK1446 PID Reference Object
KK1446
                                                                       dddmmss.s
KK1446 | CP7030 DOVER RM 1
                                                        20.426 METERS 03111
KK1446 | CP7031 DOVER RM 2
                                                        22.154 METERS 08950
KK1446 | KK1765 CAMP
                                                      APPROX. 3.2 KM 2122154.8
KK1446 KK1771 LAKEWOOD VALLEY DIST TANK APPROX. 4.9 KM 2323008.3
KK1446 | ------|
KK1446
KK1446
                                   SUPERSEDED SURVEY CONTROL
KK1446
KK1446 NAD 83(1986) - 39 49 17.97773(N) 105 05 42.59418(W) AD( ) 1
KK1446 NAD 27 - 39 49 18.02812(N) 105 05 40.64972(W) AD( ) 1
KK1446 NGVD 29 (07/19/86) 1717.8 (m) 5636. (f) VERT ANG
KK1446 NGVD 29 (11/26/84) 1718.452 (m) 5637.95 (f) ADJUSTED 1 2
KK1446.Superseded values are not recommended for survey control.
KK1446.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
KK1446.See file dsdata.pdf to determine how the superseded data were derived.
KK1446
KK1446 MARKER: DH = HORIZONTAL CONTROL DISK
KK1446 SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
KK1446 STAMPING: DOVER 1977
KK1446 MARK LOGO: NGS
KK1446 PROJECTION: FLUSH
KK1446 STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
KK1446+STABILITY: SURFACE MOTION
KK1446 SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
KK1446+SATELLITE: SATELLITE OBSERVATIONS - August 03, 2007
KK1446
KK1446 HISTORY - Date Condition
KK1446 HISTORY - 1977 MONUMENTED
KK1446 HISTORY - 1984 GOOD
KK1446 HISTORY - 20070803 GOOD
                                                   Report By
                                                   NGS
                                                   NGS
                                                   INDIV
KK1446
                                   STATION DESCRIPTION
KK1446
KK1446
KK1446'DESCRIBED BY NATIONAL GEODETIC SURVEY 1977 (LHW)
KK1446'THE STATION IS LOCATED IN A RESIDENTIAL AREA IN THE CITY OF
KK1446'ARVADA, AT THE INTERSECTION OF DOVER WAY AND WEST 68TH PLACE,
KK1446'1 MILE SOUTHWEST OF THE INDIAN TREE GOLF COURSE, 3/4 MILE
KK1446'NORTHWEST OF THE ARVADA HIGH SCHOOL, IN A LAWN, ON CITY
KK1446'PROPERTY ADJACENT TO A GROUND STORAGE WATER TANK.
KK1446'
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KK1446'TO REACH THE STATION FROM THE JUNCTION OF WADSWORTH BOULEVARD
KK1446'AND WEST 66TH STREET IN ARVADA (1 BLOCK EAST OF THE ARVADA
KK1446'HIGH SCHOOL), GO NORTH ON WADSWORTH BOULEVARD FOR 0.25 MILE TO
KK1446'A CROSS STREET. TURN LEFT, WEST, ON WEST 68TH STREET FOR
KK1446'0.5 MILE TO A T-ROAD. TURN RIGHT, NORTH, ON CARR STREET FOR
KK1446'0.05 MILE TO A ROAD LEFT. TURN LEFT, WEST, THEN NORTH, THEN
KK1446'WEST ON WEST 68TH PLACE FOR 0.2 MILE TO THE END OF THE
KK1446'PAVEMENT AT DOVER WAY AND THE STATION ON THE RIGHT.
KK1446'STATION MARKS, STAMPED---DOVER 1977---, ARE STANDARD DISKS,
KK1446'THE SURFACE DISK IS SET IN THE TOP OF A 12-INCH ROUND CONCRETE
KK1446'MONUMENT FLUSH WITH THE GROUND. IT IS 44 FEET NORTH OF THE
KK1446 CENTER OF WEST 68TH PLACE, 36.3 FEET WEST OF THE CURB TO DOVER
KK1446'WAY, 35.7 FEET NORTHEAST OF A FENCE CORNER, 16.5 FEET SOUTH-
KK1446'SOUTHWEST OF A GROUND LEVEL SPRINKLER ENCASED IN CONCRETE, AND
KK1446'20.2 FEET EAST OF A METAL WITNESS POST IN A FENCE LINE.
KK1446'THE UNDERGROUND DISK IS SET IN THE TOP OF AN IRREGULAR
KK1446 CONCRETE MASS ABOUT 42 INCHES BELOW GROUND.
KK1446'
KK1446'REFERENCE MARK 1, STAMPED---DOVER NO 1 1977---, A STANDARD DISK
KK1446'CEMENTED IN A DRILL HOLE IN A CONCRETE SIDEWALK. IT IS 99 FEET
KK1446'NORTH OF THE CENTER OF WEST 68TH PLACE, 75 FEET SOUTHEAST OF A
KK1446'A FENCE CORNER, 1.7 FEET WEST OF THE CURB TO DOVER WAY, AND
KK1446'60.5 FEET SOUTHWEST OF UTILITY POLE 8725
KK1446'
KK1446'REFERENCE MARK 2, STAMPED---DOVER NO 2 1977---, A STANDARD DISK
KK1446 CEMENTED IN A DRILL HOLE IN A CONCRETE SIDEWALK. IT IS 97 FEET
KK1446'SOUTH OF UTILITY POLE 8725, 41 FEET NORTH OF THE CENTER OF
KK1446'WEST 68TH PLACE, 8.5 FEET NORTH-NORTHWEST OF A FIRE HYDRANT,
KK1446'1 FOOT EAST OF THE CURB TO DOVER WAY, AND LEVEL WITH THE
KK1446'STATION.
KK1446'
KK1446'NO AZIMUTH MARK FOR THIS STATION.
KK1446'A 1/2-INCH RE-ENFORCEMENT ROD WAS SET AT THE STATION MARK.
KK1446 'HEIGHT OF LIGHT ABOVE STATION MARK WAS 19.5 METERS.
KK1446
KK1446
                                STATION RECOVERY (1984)
KK1446'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1984
KK1446'IN ARVADA.
KK1446'IN ARVADA, IN THE SOUTHEAST CORNER OF THE LAWN OF THE CITY WATER TANK,
KK1446'AT THE INTERSECTION OF 6850N WEST 68TH PLACE AND 8600W DOVER WAY,
KK1446'16.7 METERS (54.8 FT) WEST OF THE CENTER OF DOVER WAY, 13.2 METERS
KK1446'(43.3 FT) NORTH OF THE CENTER OF WEST 68TH PLACE, AND 10.8 METERS
KK1446'(35.8 FT) NORTHEAST OF A FENCE CORNER.
KK1446'THE MARK IS 6.1 METERS E FROM A WITNESS POST AND FENCE
KK1446'THE MARK IS ABOVE LEVEL WITH DOVER WAY.
KK1446
                                STATION RECOVERY (2007)
KK1446
KK1446
KK1446'RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2007 (AES)
KK1446'RECOVERED IN GOOD CONDITION.
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