

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
AB3303 *****
AB3303 DESIGNATION - ROTELLA
AB3303 PID - AB3303
AB3303 STATE/COUNTY- CO/ADAMS
AB3303 USGS QUAD - COMMERCE CITY (1994)
AB3303
AB3303 *CURRENT SURVEY CONTROL
AB3303
AB3303* NAD 83(2007)- 39 50 21.85000(N) 104 57 58.13990(W) ADJUSTED
AB3303* NAVD 88 - 1583.7 (meters) 5196. (feet) GPS OBS
AB3303
AB3303 EPOCH DATE - 2002.00
AB3303 X - -1,266,799.292 (meters) COMP
AB3303 Y - -4,738,956.545 (meters) COMP
AB3303 Z - 4,065,313.244 (meters) COMP
AB3303 LAPLACE CORR- -8.20 (seconds) DEFLEC99
AB3303 ELLIP HEIGHT- 1566.439 (meters) (05/14/09) ADJUSTED
AB3303 GEOID HEIGHT- -17.29 (meters) GEOID03
AB3303 HORZ ORDER - FIRST
AB3303 ELLP ORDER - FOURTH CLASS I
AB3303
AB3303.The horizontal coordinates were established by GPS observations
AB3303.and adjusted by the National Geodetic Survey in May 2009.
AB3303
AB3303.The datum tag of NAD 83(2007) is equivalent to NAD 83(NSRS2007).
AB3303.See National Readjustment for more information.
AB3303.The horizontal coordinates are valid at the epoch date displayed above.
AB3303.The epoch date for horizontal control is a decimal equivalence
AB3303.of Year/Month/Day.
AB3303
AB3303.The orthometric height was determined by GPS observations and a
AB3303.high-resolution geoid model.
AB3303
AB3303.The X, Y, and Z were computed from the position and the ellipsoidal ht.
AB3303
AB3303.The Laplace correction was computed from DEFLEC99 derived deflections.
AB3303
AB3303.The ellipsoidal height was determined by GPS observations
AB3303.and is referenced to NAD 83.
AB3303
AB3303.The geoid height was determined by GEOID03.
AB3303
AB3303; North East Units Scale Factor Converg.
AB3303;SPC CO N - 361,126.877 960,094.882 MT 0.99998246 +0 20 41.8
AB3303;SPC CO N - 1,184,797.10 3,149,911.29 sFT 0.99998246 +0 20 41.8
AB3303;UTM 13 - 4,409,933.294 502,896.186 MT 0.99960010 +0 01 18.1
AB3303
AB3303! - Elev Factor x Scale Factor = Combined Factor
AB3303!SPC CO N - 0.99975432 x 0.99998246 = 0.99973678
AB3303!UTM 13 - 0.99975432 x 0.99960010 = 0.99935451
AB3303
AB3303 SUPERSEDED SURVEY CONTROL
AB3303

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AB3303 NAD 83(2007)- 39 50 21.85048(N) 104 57 58.14056(W) AD() 0
 AB3303 ELLIP H (02/10/07) 1566.392 (m) GP()
 AB3303 ELLIP H (12/03/02) 1566.418 (m) GP() 4 2
 AB3303 NAD 83(1992)- 39 50 21.84997(N) 104 57 58.13992(W) AD() 1
 AB3303 ELLIP H (05/15/96) 1566.459 (m) GP() 3 1
 AB3303

AB3303.Superseded values are not recommended for survey control.
 AB3303.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
 AB3303.[See file dsdata.txt](#) to determine how the superseded data were derived.
 AB3303

AB3303_U.S. NATIONAL GRID SPATIAL ADDRESS: 13SEE0289609933(NAD 83)
 AB3303_MARKER: DO = NOT SPECIFIED OR SEE DESCRIPTION
 AB3303_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
 AB3303_STAMPING: ROTELLA 1995
 AB3303_MARK LOGO: CO-001
 AB3303_MAGNETIC: R = STEEL ROD IMBEDDED IN MONUMENT
 AB3303_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
 AB3303_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 AB3303+SATELLITE: SATELLITE OBSERVATIONS - July 29, 2006
 AB3303

AB3303	HISTORY	- Date	Condition	Report By
AB3303	HISTORY	- 1995	MONUMENTED	CHANCE
AB3303	HISTORY	- 20060406	GOOD	GEOCAC
AB3303	HISTORY	- 20060729	GOOD	ZYLSTR

AB3303

STATION DESCRIPTION

AB3303

AB3303'DESCRIBED BY JE CHANCE AND ASSOCIATES 1995 (FND)
 AB3303'THE STATION IS LOCATED ON TOP OF A HILL ALONG THE SOUTH SIDE OF
 AB3303'ROTELLA PARK, ABOUT 3 MI (4.8 KM) SOUTH OF THORNTON, 3 MI (4.8 KM)
 AB3303'NORTHWEST OF COMMERCE CITY, 7 MI (11.3 KM) NORTH-NORTHEAST OF DOWNTOWN
 AB3303'DENVER, 4 MI (6.4 KM) EAST-SOUTHEAST OF WESTMINSTER, IN THE NORTHEAST
 AB3303'1/4 OF SECTION 35, T 2 S, R 68 W, 6TH P.M. OWNERSHIP--ADAMS COUNTY
 AB3303'PARKS ADMINISTRATION DEPARTMENT. CONTACT THE PARKS AND TRAILS
 AB3303'SUPERVISOR, TELEPHONE 303-659-3666. NOTE--A KEY WILL BE REQUIRED FOR
 AB3303'MOST VEHICULAR ACCESS\$TO REACH THE STATION FROM THE INTERSECTION OF
 AB3303'INTERSTATE HIGHWAY 76 AND STATE HIGHWAY 224 (E. 74TH AVENUE) , GO
 AB3303'WEST ALONG HIGHWAY 224 (E. 74TH AVENUE) FOR 0.9 MI (1.4 KM) TO THE
 AB3303'INTERSECTION WITH YORK STREET. TURN RIGHT AND GO NORTH ALONG YORK
 AB3303'STREET FOR 0.6 MI (1.0 KM) TO THE INTERSECTION WITH E. 78TH AVENUE.
 AB3303'TURN LEFT AND GO WEST ALONG E. 78TH AVENUE FOR 0.45 MI (0.72 KM) TO A
 AB3303'DRIVEWAY ON THE RIGHT WITH A LOCKED CABLE GATE. TURN RIGHT, PASS
 AB3303'THROUGH THE GATE, AND GO NORTH ALONG THE DRIVE FOR 0.05 MI (0.08 KM)
 AB3303'TO THE SOUTH EDGE OF A PARKING LOT. BEAR RIGHT AND GO EAST-NORTHEAST
 AB3303'ACROSS THE PARKING LOT FOR 0.05 MI (0.08 KM) TO THE SOUTHERLY END OF A
 AB3303'NARROW GRAVEL ROAD LEADING UP THE HILL. BEAR LEFT AND GO NORTH ALONG
 AB3303'THE NARROW GRAVEL ROAD FOR 0.05 MI (0.08 KM) TO THE TOP OF THE HILL, A
 AB3303'WYE INTERSECTION WITH ANOTHER GRAVEL ROAD, AND THE STATION ON THE
 AB3303'RIGHT\$FOR ALTERNATE ACCESS, FROM THE INTERSECTION OF YORK STREET AND
 AB3303'E. 78TH AVENUE, GO NORTH ALONG YORK STREET FOR 0.25 MI (0.40 KM) TO
 AB3303'THE INTERSECTION WITH CORONADO PARKWAY SOUTH. TURN LEFT AND GO WEST
 AB3303'ALONG CORONADO PARKWAY SOUTH FOR 0.15 MI (0.24 KM) TO THE MAIN
 AB3303'ENTRANCE TO ROTELLA PARK ON THE LEFT. TURN LEFT AND GO SOUTH ALONG
 AB3303'THE WEST SIDE OF THE GRAVEL PARKING LOT FOR 0.1 MI (0.2 KM) TO A
 AB3303'LOCKED CABLE GATE. CONTINUE AHEAD, PASS THROUGH THE GATE, AND GO
 AB3303'SOUTHWEST ACROSS A PARKING LOT AND THEN WEST ALONG A ROAD FOR 0.2 MI
 AB3303'(0.3 KM) TO EAST EDGE OF ANOTHER PARKING LOT AND THE SOUTH END OF A
 AB3303'NARROW GRAVEL ROAD LEADING UP THE HILL. BEAR RIGHT AND GO NORTH ALONG
 AB3303'THE NARROW GRAVEL ROAD FOR 0.05 MI (0.08 KM) TO THE TOP OF THE HILL, A
 AB3303'WYE INTERSECTION WITH ANOTHER GRAVEL ROAD, AND THE STATION ON THE
 AB3303'RIGHT\$ACCESS CAN ALSO BE OBTAINED ON FOOT, WITHOUT A KEY, FROM THE
 AB3303'PARKING LOT AT THE MAIN ENTRANCE OF THE PARK, BY FOLLOWING THE PATHS
 AB3303'(NARROW GRAVEL ROADS) SOUTHWEST AND WEST FOR ABOUT 0.25 MI (0.40 KM)
 AB3303'TO THE STATION AT THE HIGHEST POINT IN THE SOUTH-CENTRAL PART OF THE
 AB3303'PARK\$THE STATION MARK IS A STANDARD ADAMS COUNTY BRASS SURVEY MARK
 AB3303'DISK STAMPED --ROTELLA 1995-- SET IN THE TOP OF A 24-INCH ROUND

AB3303'CONCRETE POST FLUSH WITH GROUND LEVEL. IT IS LOCATED ON TOP OF A
AB3303'HILL, BEING THE HIGHEST POINT IN ROTELLA PARK, 112 FT (34.1 M) (SLOPE)
AB3303'SOUTHEAST OF THE CENTERLINE OF A NARROW GRAVEL ROAD, 292 FT (89.0 M)
AB3303'(SLOPE) EAST OF A FLAGPOLE, 155.0 FT (47.2 M) (SLOPE) EAST-NORTHEAST
AB3303'OF A GREEN UTILITY PEDESTAL LOCATED AT THE CENTER OF THE WYE
AB3303'INTERSECTION OF THE GRAVEL ROADS, 202.4 FT (61.7 M) (SLOPE) SOUTHWEST
AB3303'OF THE SOUTHWEST CORNER OF A CONCRETE SUPPORT PAD OF A PICNIC SHELTER,
AB3303'AND 2.0 FT (0.6 M) NORTHWEST OF A CARSONITE WITNESS POST\$DESCRIBED BY
AB3303'F.N. DREXEL

AB3303

AB3303

STATION RECOVERY (2006)

AB3303

AB3303'RECOVERY NOTE BY GEOCACHING 2006 (TLX)

AB3303'IMAGES AVAILABLE ON GEOCACHING.COM.

AB3303'N39 50.364 W104 57.968

AB3303'7FT ACCURACY

AB3303

AB3303

STATION RECOVERY (2006)

AB3303

AB3303'RECOVERY NOTE BY ZYLSTRA-BAKER SURVEYING INCORPORATED 2006 (LDV)

AB3303'RECOVERED AS DESCRIBED EXCEPT MISSING CARSONITE WITNESS POST.

*** retrieval complete.

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