

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 7.30
1 National Geodetic Survey, Retrieval Date = JANUARY 16, 2006
AJ8247 *****
AJ8247 DESIGNATION - M 522
AJ8247 PID - AJ8247
AJ8247 STATE/COUNTY- FL/MARTIN
AJ8247 USGS QUAD - INDIANTOWN (1983)
AJ8247
AJ8247 *CURRENT SURVEY CONTROL
AJ8247
AJ8247* NAD 83(1999)- 27 02 11.05808(N) 080 23 21.06516(W) ADJUSTED
AJ8247* NAVD 88 - 7.579 (meters) 24.87 (feet) ADJUSTED
AJ8247
AJ8247 X - 949,144.517 (meters) COMP
AJ8247 Y - -5,605,244.599 (meters) COMP
AJ8247 Z - 2,881,800.400 (meters) COMP
AJ8247 LAPLACE CORR- -1.73 (seconds) DEFLEC99
AJ8247 ELLIP HEIGHT- -19.25 (meters) (12/12/02) GPS OBS
AJ8247 GEOID HEIGHT- -26.84 (meters) GEOID03
AJ8247 DYNAMIC HT - 7.568 (meters) 24.83 (feet) COMP
AJ8247 MODELED GRAV- 979,097.1 (mgal) NAVD 88
AJ8247
AJ8247 HORZ ORDER - FIRST
AJ8247 VERT ORDER - FIRST CLASS II
AJ8247 ELLP ORDER - THIRD CLASS I
AJ8247
AJ8247.The horizontal coordinates were established by GPS observations
AJ8247.and adjusted by the National Geodetic Survey in December 2002.
AJ8247
AJ8247.The orthometric height was determined by differential leveling
AJ8247.and adjusted by the National Geodetic Survey in April 2002.
AJ8247
AJ8247.The X, Y, and Z were computed from the position and the ellipsoidal ht.
AJ8247
AJ8247.The Laplace correction was computed from DEFLEC99 derived deflections.
AJ8247
AJ8247.The ellipsoidal height was determined by GPS observations
AJ8247.and is referenced to NAD 83.
AJ8247
AJ8247.The geoid height was determined by GEOID03.
AJ8247
AJ8247.The dynamic height is computed by dividing the NAVD 88
AJ8247.geopotential number by the normal gravity value computed on the
AJ8247.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
AJ8247.degrees latitude (g = 980.6199 gals.).
AJ8247
AJ8247.The modeled gravity was interpolated from observed gravity values.
AJ8247
AJ8247;
AJ8247;SPC FL E - North East Units Scale Factor Converg.
AJ8247;UTM 17 - 299,584.474 260,603.977 MT 0.99998650 +0 16 39.6
AJ8247
AJ8247!
AJ8247! - Elev Factor x Scale Factor = Combined Factor

AJ8247!SPC FL E - 1.00000302 x 0.99998650 = 0.99998952
AJ8247!UTM 17 - 1.00000302 x 0.99964531 = 0.99964833
AJ8247
AJ8247 SUPERSEDED SURVEY CONTROL
AJ8247
AJ8247 NAVD 88 (12/12/02) 7.58 (m) 24.9 (f) LEVELING 3
AJ8247
AJ8247.Superseded values are not recommended for survey control.
AJ8247.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
AJ8247.[See file dsdata.txt](#) to determine how the superseded data were derived.
AJ8247
AJ8247_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNK6058390614(NAD 83)
AJ8247_MARKER: F = FLANGE-ENCASED ROD
AJ8247_SETTING: 49 = STAINLESS STEEL ROD W/O SLEEVE (10 FT.+)
AJ8247_STAMPING: M 522 2001 CERP
AJ8247_MARK LOGO: NONE
AJ8247_PROJECTION: RECESSED 8 CENTIMETERS
AJ8247_MAGNETIC: O = OTHER; SEE DESCRIPTION
AJ8247_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
AJ8247_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
AJ8247+SATELLITE: SATELLITE OBSERVATIONS - April 24, 2002
AJ8247_ROD/PIPE-DEPTH: 24.4 meters
AJ8247
AJ8247 HISTORY - Date Condition Report By
AJ8247 HISTORY - 20010903 MONUMENTED FOST
AJ8247 HISTORY - 20020424 GOOD MAPTEC
AJ8247
AJ8247 STATION DESCRIPTION
AJ8247
AJ8247'DESCRIBED BY CHARLEY FOSTER AND ASSOCIATES 2001 (JB)
AJ8247'THE MONUMENT IS LOCATED 4.05 MILES (6.52 KM) EAST OF INDIANTOWN, FL.
AJ8247'AND 9.85 MILES (15.85 KM) WEST OF
AJ8247'THE I-95 AND STATE ROAD 76 INTERCHANGE SOUTHWEST OF STUART, FL.,
AJ8247'SECTION 36, TOWNSHIP 39 SOUTH,
AJ8247'RANGE 39 EAST.
AJ8247'
AJ8247'OWNERSHIP IS FLORIDA DEPARTMENT OF TRANSPORTATION.
AJ8247'
AJ8247'TO REACH MONUMENT FROM THE JUNCTION OF THE STATE ROAD 710 RAMP AND
AJ8247'STATE ROAD 76 IN
AJ8247'INDIANTOWN, GO EAST 4.05 MILES (6.52 KM) ALONG STATE ROAD 76 TO THE
AJ8247'MONUMENT LOCATION ON THE
AJ8247'SOUTH (RIGHT) SIDE OF THE ROAD IN THE RIGHT OF WAY. THE MONUMENT
AJ8247'LOCATION IS 0.2 MILES (0.32 KM)
AJ8247'WEST OF THE ENTRANCE TO PAYSON PARK THOROBRED TRAINING CENTER.
AJ8247'
AJ8247'THE MONUMENT IS 120.0 FEET (35.58 M) SOUTH OF THE CENTERLINE OF THE
AJ8247'ROAD, 4.0 FEET (1.22 M) NORTH OF A
AJ8247'WOODEN FENCE, 142.5 FEET (43.43 M) EAST OF POWER POLE NO. 279, 101.7
AJ8247'FEET (31.00 M) EAST OF THE EASTERN
AJ8247'MOST OF TWO PALM TREES IN THE FENCELINE AND 73.6 FEET (22.43 M) SOUTH
AJ8247'OF TELEPHONE PEDESTAL
AJ8247'SL1A11. ACCESS TO THE DATUM POINT (TOP OF A STAINLESS STEEL ROD) IS
AJ8247'HAD THROUGH A 5 INCH LOGO CAP.
AJ8247'NOTE A MAGNET WAS PLACED INSIDE THE PVC PIPE.
AJ8247'
AJ8247
AJ8247 STATION RECOVERY (2002)
AJ8247
AJ8247'RECOVERY NOTE BY MAPTECH INCORPORATED 2002 (CDP)

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AJ8247'RECOVERY NOTE BY MAPTECH, INCORPORATED 2002 (CDP)
AJ8247'RECOVERED AS DESCRIBED.
AJ8247'
AJ8247'

*** retrieval complete.
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