

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

AJ8246 *****

AJ8246 DESIGNATION - L 522

AJ8246 PID - AJ8246

AJ8246 STATE/COUNTY- FL/MARTIN

AJ8246 USGS QUAD - INDIANTOWN (1983)

AJ8246

AJ8246 *CURRENT SURVEY CONTROL

AJ8246

AJ8246* NAD 83(1999)- 27 01 52.48285(N) 080 24 17.76425(W) ADJUSTED

AJ8246* NAVD 88 - 7.914 (meters) 25.96 (feet) ADJUSTED

AJ8246

AJ8246 X - 947,647.054 (meters) COMP

AJ8246 Y - -5,605,761.849 (meters) COMP

AJ8246 Z - 2,881,291.316 (meters) COMP

AJ8246 LAPLACE CORR- -1.77 (seconds) DEFLEC99

AJ8246 ELLIP HEIGHT- -18.87 (meters) (12/12/02) GPS OBS

AJ8246 GEOID HEIGHT- -26.80 (meters) GEOID03

AJ8246 DYNAMIC HT - 7.902 (meters) 25.93 (feet) COMP

AJ8246 MODELED GRAV- 979,095.8 (mgal) NAVD 88

AJ8246

AJ8246 HORZ ORDER - FIRST

AJ8246 VERT ORDER - FIRST CLASS II

AJ8246 ELLP ORDER - THIRD CLASS I

AJ8246

AJ8246.The horizontal coordinates were established by GPS observations

AJ8246.and adjusted by the National Geodetic Survey in December 2002.

AJ8246

AJ8246.The orthometric height was determined by differential leveling

AJ8246.and adjusted by the National Geodetic Survey in April 2002.

AJ8246

AJ8246.The X, Y, and Z were computed from the position and the ellipsoidal ht.

AJ8246

AJ8246.The Laplace correction was computed from DEFLEC99 derived deflections.

AJ8246

AJ8246.The ellipsoidal height was determined by GPS observations

AJ8246.and is referenced to NAD 83.

AJ8246

AJ8246.The geoid height was determined by GEOID03.

AJ8246

AJ8246.The dynamic height is computed by dividing the NAVD 88

AJ8246.geopotential number by the normal gravity value computed on the

AJ8246.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45

AJ8246.degrees latitude (g = 980.6199 gals.).

AJ8246

AJ8246.The modeled gravity was interpolated from observed gravity values.

AJ8246

AJ8246; North East Units Scale Factor Converg.

AJ8246;SPC FL E - 299,005.288 259,043.981 MT 0.99998420 +0 16 13.6

AJ8246;UTM 17 - 2,990,035.251 559,023.835 MT 0.99964301 +0 16 13.6

AJ8246

AJ8246! - Elev Factor x Scale Factor = Combined Factor

AJ8246!SPC FL E - 1.00000296 x 0.99998420 = 0.99998716
 AJ8246!UTM 17 - 1.00000296 x 0.99964301 = 0.99964597
 AJ8246
 AJ8246 SUPERSEDED SURVEY CONTROL
 AJ8246
 AJ8246 NAVD 88 (12/12/02) 7.91 (m) 26.0 (f) LEVELING 3
 AJ8246
 AJ8246.Superseded values are not recommended for survey control.
 AJ8246.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
 AJ8246.[See file dsdata.txt](#) to determine how the superseded data were derived.
 AJ8246
 AJ8246_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNK5902490035(NAD 83)
 AJ8246_MARKER: DD = SURVEY DISK
 AJ8246_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
 AJ8246_STAMPING: L 522 2001 CERP
 AJ8246_MARK LOGO: USE
 AJ8246_PROJECTION: RECESSED 8 CENTIMETERS
 AJ8246_MAGNETIC: O = OTHER; SEE DESCRIPTION
 AJ8246_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
 AJ8246+STABILITY: SURFACE MOTION
 AJ8246_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 AJ8246+SATELLITE: SATELLITE OBSERVATIONS - April 24, 2002
 AJ8246

AJ8246	HISTORY	- Date	Condition	Report By
AJ8246	HISTORY	- 20010903	MONUMENTED	FOST
AJ8246	HISTORY	- 20020424	GOOD	MAPTEC

 AJ8246
 AJ8246 STATION DESCRIPTION
 AJ8246
 AJ8246'DESCRIBED BY CHARLEY FOSTER AND ASSOCIATES 2001 (JB)
 AJ8246'THE MONUMENT IS LOCATED 3.05 MILES (4.91 KM) EAST OF INDIANTOWN, FL.
 AJ8246'AND 10.85 MILES (17.46 KM) WEST OF
 AJ8246'THE I-95 AND STATE ROAD 76 INTERCHANGE SOUTHWEST OF STUART, FL.,
 AJ8246'SECTION 35, TOWNSHIP 39 SOUTH,
 AJ8246'RANGE 39 EAST.
 AJ8246'
 AJ8246'OWNERSHIP IS FLORIDA DEPARTMENT OF TRANSPORTATION.
 AJ8246'
 AJ8246'TO REACH MONUMENT FROM THE JUNCTION OF THE STATE ROAD 710 RAMP AND
 AJ8246'STATE ROAD 76 IN
 AJ8246'INDIANTOWN, GO EAST 3.05 MILES (4.91 KM) ALONG STATE ROAD 76 TO THE
 AJ8246'MONUMENT LOCATION ON THE
 AJ8246'NORTH (LEFT) SIDE OF THE ROAD IN THE RIGHT OF WAY BETWEEN THE ROAD AND
 AJ8246'ST. LUCIE CANAL. THE
 AJ8246'MONUMENT LOCATION IS 0.3 MILES (0.48 KM) EAST OF THE EASTERN MOST
 AJ8246'ENTRANCE TO THE ST. LUCIE MOBILE
 AJ8246'VILLAGE AT 11500 SW KANNER ROAD (STATE ROAD 76).
 AJ8246'
 AJ8246'THE MONUMENT IS 22.5 FEET (6.86 M) NORTH OF THE CENTERLINE OF THE
 AJ8246'ROAD, 3.0 FEET (0.91 M) SOUTH OF
 AJ8246'THE NORTH GUARDRAIL AND 3.0 FEET (0.91 M) SOUTH OF A CARSONITE WITNESS
 AJ8246'POST. NOTE A MAGNET WAS
 AJ8246'BURIED NEARBY AT AN UNSPECIFIED POSITION.
 AJ8246'
 AJ8246
 AJ8246 STATION RECOVERY (2002)
 AJ8246
 AJ8246'RECOVERY NOTE BY MAPTECH INCORPORATED 2002 (CDP)
 AJ8246'THE MONUMENT IS LOCATED 3.05 MILES (4.91 KM) EAST OF INDIANTOWN, FL.
 AJ8246'AND 10.85 MILES (17.46

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AJ8246'BURIED NEARBY AT AN UNSPECIFIED POSITION.
AJ8246'
AJ8246'STATION RECOVERY (2002)
AJ8246'RECOVERY NOTE BY MAPTECH, INCORPORATED 2002 (CDP)
AJ8246'RECOVERED AS DESCRIBED.
AJ8246'
AJ8246'

*** retrieval complete.
Elapsed Time = 00:00:00