

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
AJ8248 *****
AJ8248 DESIGNATION - N 522
AJ8248 PID - AJ8248
AJ8248 STATE/COUNTY- FL/MARTIN
AJ8248 USGS QUAD - INDIAN TOWN SE (1983)
AJ8248
AJ8248 *CURRENT SURVEY CONTROL
AJ8248
AJ8248* NAD 83(1999)- 27 02 21.33069(N) 080 22 26.67481(W) ADJUSTED
AJ8248* NAVD 88 - 7.660 (meters) 25.13 (feet) ADJUSTED
AJ8248
AJ8248 X - 950,598.514 (meters) COMP
AJ8248 Y - -5,604,852.453 (meters) COMP
AJ8248 Z - 2,882,082.041 (meters) COMP
AJ8248 LAPLACE CORR- -1.85 (seconds) DEFLEC99
AJ8248 ELLIP HEIGHT- -19.21 (meters) (12/12/02) GPS OBS
AJ8248 GEOID HEIGHT- -26.88 (meters) GEOID03
AJ8248 DYNAMIC HT - 7.649 (meters) 25.10 (feet) COMP
AJ8248 MODELED GRAV- 979,098.2 (mgal) NAVD 88
AJ8248
AJ8248 HORZ ORDER - FIRST
AJ8248 VERT ORDER - FIRST CLASS II
AJ8248 ELLP ORDER - THIRD CLASS I
AJ8248
AJ8248.The horizontal coordinates were established by GPS observations
AJ8248.and adjusted by the National Geodetic Survey in December 2002.
AJ8248
AJ8248.The orthometric height was determined by differential leveling
AJ8248.and adjusted by the National Geodetic Survey in April 2002.
AJ8248
AJ8248.The X, Y, and Z were computed from the position and the ellipsoidal ht.
AJ8248
AJ8248.The Laplace correction was computed from DEFLEC99 derived deflections.
AJ8248
AJ8248.The ellipsoidal height was determined by GPS observations
AJ8248.and is referenced to NAD 83.
AJ8248
AJ8248.The geoid height was determined by GEOID03.
AJ8248
AJ8248.The dynamic height is computed by dividing the NAVD 88
AJ8248.geopotential number by the normal gravity value computed on the
AJ8248.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
AJ8248.degrees latitude (g = 980.6199 gals.).
AJ8248
AJ8248.The modeled gravity was interpolated from observed gravity values.
AJ8248
AJ8248;
AJ8248;SPC FL E - North East Units Scale Factor Converg.
AJ8248;UTM 17 - 2,990,937.655 562,080.284 MT 0.99964758 +0 17 04.4
AJ8248
AJ8248!
AJ8248! - Elev Factor x Scale Factor = Combined Factor

AJ8248!SPC FL E - 1.00000302 x 0.99998877 = 0.99999179
AJ8248!UTM 17 - 1.00000302 x 0.99964758 = 0.99965060
AJ8248
AJ8248 SUPERSEDED SURVEY CONTROL
AJ8248
AJ8248 NAVD 88 (12/12/02) 7.66 (m) 25.1 (f) LEVELING 3
AJ8248
AJ8248.Superseded values are not recommended for survey control.
AJ8248.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
AJ8248.[See file dsdata.txt](#) to determine how the superseded data were derived.
AJ8248
AJ8248_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNK6208090938(NAD 83)
AJ8248_MARKER: DD = SURVEY DISK
AJ8248_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
AJ8248_STAMPING: N 522 2001 CERP
AJ8248_MARK LOGO: USE
AJ8248_PROJECTION: RECESSED 20 CENTIMETERS
AJ8248_MAGNETIC: O = OTHER; SEE DESCRIPTION
AJ8248_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
AJ8248+STABILITY: SURFACE MOTION
AJ8248_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
AJ8248+SATELLITE: SATELLITE OBSERVATIONS - April 24, 2002
AJ8248
AJ8248 HISTORY - Date Condition Report By
AJ8248 HISTORY - 20010904 MONUMENTED FOST
AJ8248 HISTORY - 20020424 GOOD MAPTEC
AJ8248
AJ8248 STATION DESCRIPTION
AJ8248
AJ8248'DESCRIBED BY CHARLEY FOSTER AND ASSOCIATES 2001 (JB)
AJ8248'THE MONUMENT IS LOCATED 5.0 MILES (8.05 KM) EAST OF INDIANTOWN, FL.
AJ8248'AND 8.9 MILES (14.32 KM) WEST OF THE
AJ8248'I-95 AND STATE ROAD 76 INTERCHANGE SOUTHWEST OF STUART, FL., SECTION
AJ8248'31, TOWNSHIP 39 SOUTH,
AJ8248'RANGE 40 EAST.
AJ8248'
AJ8248'OWNERSHIP IS FLORIDA DEPARTMENT OF TRANSPORTATION.
AJ8248'
AJ8248'TO REACH MONUMENT FROM THE JUNCTION OF THE STATE ROAD 710 RAMP AND
AJ8248'STATE ROAD 76 IN
AJ8248'INDIANTOWN, GO EAST 5.0 MILES (8.05 KM) ALONG STATE ROAD 76 TO THE
AJ8248'MONUMENT LOCATION ON THE
AJ8248'NORTH (LEFT) SIDE OF THE ROAD IN THE RIGHT OF WAY. THE MONUMENT
AJ8248'LOCATION IS A CONCRETE POST SET
AJ8248'39.2 FEET (11.95 M) SOUTHWEST OF THE EAST GATE POST OF THE WESTERN
AJ8248'MOST ENTRANCE OF A NURSERY
AJ8248'AT 8775 SW KANNER ROAD (STATE ROAD 76).
AJ8248'
AJ8248'THE MONUMENT IS 48.6 FEET (14.81 M) NORTH OF THE CENTERLINE OF THE
AJ8248'ROAD, 37.0 FEET (11.28 M) SOUTH OF
AJ8248'A POWER POLE WITH GUY WIRE ON THE WEST SIDE OF ENTRANCE GATE AND 85.8
AJ8248'FEET (26.15 M) WEST OF THE
AJ8248'WEST END OF A DRIVEWAY CULVERT (8775 SW KANNER ROAD (STATE ROAD 76)).
AJ8248'NOTE A MAGNET WAS BURIED
AJ8248'NEARBY AT AN UNSPECIFIED POSITION.
AJ8248'
AJ8248
AJ8248 STATION RECOVERY (2002)
AJ8248
AJ8248'RECOVERY NOTE BY MAPTECH INCORPORATED 2002 (CDP)

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AJ8248'RECOVERY NOTE BY MAPTECH, INCORPORATED 2002 (CDP)
AJ8248'RECOVERED AS DESCRIBED.
AJ8248'
AJ8248'

*** retrieval complete.
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