

The NGS Data Sheet
 See file dsdata.pdf for more information about the datasheet.

PROGRAM = datasheet95, VERSION = 8.12.5.7

Starting Datasheet Retrieval...

1 National Geodetic Survey, Retrieval Date = APRIL 4, 2020

D08188 HT_MOD - This is a Height Modernization Survey Station.

D08188 DESIGNATION - SAINT PAUL

D08188 PID - D08188

D08188 STATE/COUNTY- SC/LANCASTER

D08188 COUNTRY - US

D08188 USGS QUAD - TAXAHAW (2017)

D08188

D08188 *CURRENT SURVEY CONTROL

D08188

D08188* NAD 83(2011) POSITION- 34 43 08.63668(N) 080 33 49.32056(W) ADJUSTED

D08188* NAD 83(2011) ELLIP HT- 176.273 (meters) (06/18/13) ADJUSTED

D08188* NAD 83(2011) EPOCH - 2010.00

D08188* NAVD 88 ORTHO HEIGHT - 206.78 (meters) 678.4 (feet) GPS OBS

D08188

D08188 NAVD 88 orthometric height was determined with geoid model GEOID12A

D08188 GEOID HEIGHT - -30.520 (meters) GEOID12A

D08188 GEOID HEIGHT - -30.522 (meters) GEOID18

D08188 NAD 83(2011) X - 860,477.884 (meters) COMP

D08188 NAD 83(2011) Y - -5,177,366.727 (meters) COMP

D08188 NAD 83(2011) Z - 3,612,393.656 (meters) COMP

D08188 LAPLACE CORR - -1.76 (seconds) DEFLEC18

D08188

D08188 Network accuracy estimates per FGDC Geospatial Positioning Accuracy Standards:

	FGDC (95% conf, cm)		Standard deviation (cm)			CorrNE (unitless)
	Horiz	Ellip	SD_N	SD_E	SD_h	
NETWORK	0.71	0.88	0.32	0.25	0.45	-0.02329136

D08188 Click here for local accuracies and other accuracy information.

D08188

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D08188 The horizontal coordinates were established by GPS observations

D08188 and adjusted by the SOUTH CAROLINA GEODETIC SURVEY in June 2013.

D08188

D08188 NAD 83(2011) refers to NAD 83 coordinates where the reference frame has

D08188 been affixed to the stable North American tectonic plate. See

D08188 NA2011 for more information.

D08188

D08188 The horizontal coordinates are valid at the epoch date displayed above

D08188 which is a decimal equivalence of Year/Month/Day.

D08188

D08188 The orthometric height was determined by GPS observations and a

D08188 high-resolution geoid model using precise GPS observation and

D08188 processing techniques.

D08188

D08188 Significant digits in the geoid height do not necessarily reflect accuracy.

D08188 GEOID18 height accuracy estimate available here.

D08188

D08188 Click photographs - Photos may exist for this station.

D08188

D08188 The X, Y, and Z were computed from the position and the ellipsoidal ht.

DO8188
 DO8188.The Laplace correction was computed from DEFLEC18 derived deflections.
 DO8188
 DO8188.The ellipsoidal height was determined by GPS observations
 DO8188.and is referenced to NAD 83.

DO8188
 DO8188. The following values were computed from the NAD 83(2011) position.

DO8188;		North	East	Units	Scale Factor	Converg.
DO8188;SPC SC	-	320,114.390	649,563.001	MT	0.99996139	+0 14 30.8
DO8188;SPC SC	-	1,050,244.06	2,131,112.21	iFT	0.99996139	+0 14 30.8
DO8188;UTM 17	-	3,841,975.876	539,948.813	MT	0.99961967	+0 14 54.6

DO8188
 DO8188! - Elev Factor x Scale Factor = Combined Factor
 DO8188!SPC SC - 0.99997233 x 0.99996139 = 0.99993372
 DO8188!UTM 17 - 0.99997233 x 0.99961967 = 0.99959201

DO8188
 DO8188_U.S. NATIONAL GRID SPATIAL ADDRESS: 17SNU3994841975(NAD 83)

DO8188
 DO8188 SUPERSEDED SURVEY CONTROL

DO8188
 DO8188.No superseded survey control is available for this station.

DO8188
 DO8188_MARKER: DD = SURVEY DISK
 DO8188_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
 DO8188_STAMPING: SAINT PAUL 2012
 DO8188_MARK LOGO: SCGS
 DO8188_PROJECTION: FLUSH
 DO8188_MAGNETIC: M = MARKER EQUIPPED WITH BAR MAGNET
 DO8188_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
 DO8188_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 DO8188+SATELLITE: SATELLITE OBSERVATIONS - September 25, 2012

DO8188
 DO8188 HISTORY - Date Condition Report By
 DO8188 HISTORY - 20120925 MONUMENTED SCGS

DO8188
 DO8188 STATION DESCRIPTION

DO8188
 DO8188'DESCRIBED BY SOUTH CAROLINA GEODETIC SURVEY 2012 (DDW)
 DO8188'STATION IS LOCATED 11.0 MI (17.7 KM) WEST-NORTHWEST OF JEFFERSON, 10.8
 DO8188'MI (17.3 KM) NORTHEAST OF HEATH SPRINGS ,10.4 MI (16.8 KM)
 DO8188'WEST-SOUTHWEST OF PAGELAND. OWNERSHIP--ST. PAUL A.M.E. ZION CHURCH,
 DO8188'5941 TAXAHAW ROAD, LANCASTER, SC 29720. TO REACH THE STATION FROM THE
 DO8188'JUNCTION OF STATE HIGHWAYS 522 (ROCKY RIVER ROAD) AND 9, 8.4 MI (13.5
 DO8188'KM) EAST OF LANCASTER, GO SOUTH ON HIGHWAY 522 FOR 2.05 MI (3.3 KM) TO
 DO8188'THE JUNCTION OF STATE ROAD 123 (TAXAHAW ROAD), TURN LEFT ON ROAD 123
 DO8188'FOR 3.3 MI (5.3 KM) TO A GRAVEL DRIVE LEADING TO ST. PAUL A.M.E. ZION
 DO8188'CHURCH, TURN LEFT ON THE DRIVE FOR 0.05 MI (0.1 KM) TO THE STATION ON
 DO8188'THE LEFT IN FRONT OF AND IN LINE WITH THE EAST WALL OF THE CHURCH.
 DO8188'STATION IS A CONCRETE POST FLUSH WITH THE GROUND AND LEVEL WITH THE
 DO8188'ROAD, 47.8 FT (14.6 M) NORTHWEST OF THE CENTER OF THE DRIVEWAY, 158.7
 DO8188'FT (48.4 M) NORTH-NORTHEAST OF A WOODEN CROSS PROJECTING 9.0-FT, 19.5
 DO8188'FT (5.9 M) WEST-SOUTHWEST OF A PVC VENT PIPE PROJECTING 1.0-FT, 84.5
 DO8188'FT (25.8 M) SOUTHWEST OF THE SOUTH CORNER OF THE BASE OF A BELL TOWER,
 DO8188'78.2 FT (23.8 M) SOUTH OF THE SOUTHWEST CORNER OF THE FRONT STEPS OF
 DO8188'THE CHURCH, 99.6 FT (30.4 M) EAST OF A 0.9-FT PINE TREE WITH A SCGS
 DO8188'REFERENCE WASHER ATTACHED. DESCRIBED BY B.T. SCOTT.

*** retrieval complete.
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