

# The NGS Data Sheet

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

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PROGRAM = datasheet95, VERSION = 8.12.5.5
Starting Datasheet Retrieval...
1      National Geodetic Survey,      Retrieval Date = FEBRUARY 18, 2020
ED2598 *****
ED2598 HT_MOD      -      This is a Height Modernization Survey Station.
ED2598 DESIGNATION -      4 004 AZ MK
ED2598 PID        -      ED2598
ED2598 STATE/COUNTY-      SC/ANDERSON
ED2598 COUNTRY    -      US
ED2598 USGS QUAD   -      FIVE FORKS (2017)
ED2598
ED2598                                *CURRENT SURVEY CONTROL
ED2598
ED2598* NAD 83(2011) POSITION- 34 39 40.29316(N) 082 38 50.36862(W) ADJUSTED
ED2598* NAD 83(2011) ELLIP HT- 238.956 (meters) (04/09/13) ADJUSTED
ED2598* NAD 83(2011) EPOCH - 2010.00
ED2598* NAVD 88 ORTHO HEIGHT - 269.82 (meters) 885.2 (feet) GPS OBS
ED2598
ED2598 NAVD 88 orthometric height was determined with geoid model GEOID12A
ED2598 GEOID HEIGHT - -30.861 (meters) GEOID12A
ED2598 GEOID HEIGHT - -30.860 (meters) GEOID18
ED2598 NAD 83(2011) X - 672,144.014 (meters) COMP
ED2598 NAD 83(2011) Y - -5,208,904.066 (meters) COMP
ED2598 NAD 83(2011) Z - 3,607,150.235 (meters) COMP
ED2598 LAPLACE CORR - 0.21 (seconds) DEFLEC18
ED2598
ED2598 Network accuracy estimates per FGDC Geospatial Positioning Accuracy
ED2598 Standards:
ED2598      FGDC (95% conf, cm)      Standard deviation (cm)      CorrNE
ED2598      Horiz Ellip              SD_N   SD_E   SD_h      (unitless)
ED2598 -----
ED2598 NETWORK      1.71    2.08              0.70   0.70   1.06      -0.09102987
ED2598 -----
ED2598 Click here for local accuracies and other accuracy information.
ED2598
ED2598
ED2598.The horizontal coordinates were established by GPS observations
ED2598.and adjusted by the SOUTH CAROLINA GEODETIC SURVEY in April 2013.
ED2598
ED2598.NAD 83(2011) refers to NAD 83 coordinates where the reference frame has
ED2598.been affixed to the stable North American tectonic plate. See
ED2598.NA2011 for more information.
ED2598
ED2598.The horizontal coordinates are valid at the epoch date displayed above
ED2598.which is a decimal equivalence of Year/Month/Day.
ED2598
ED2598.The orthometric height was determined by GPS observations and a
ED2598.high-resolution geoid model using precise GPS observation and
ED2598.processing techniques.
ED2598
ED2598.Significant digits in the geoid height do not necessarily reflect accuracy.

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ED2598.GEOID18 height accuracy estimate available [here](#).  
 ED2598  
 ED2598.Click [photographs](#) - Photos may exist for this station.  
 ED2598  
 ED2598.The X, Y, and Z were computed from the position and the ellipsoidal ht.  
 ED2598  
 ED2598.The Laplace correction was computed from DEFLEC18 derived deflections.  
 ED2598  
 ED2598.The ellipsoidal height was determined by GPS observations  
 ED2598.and is referenced to NAD 83.  
 ED2598  
 ED2598. The following values were computed from the NAD 83(2011) position.  
 ED2598

ED2598;	North	East	Units	Scale Factor	Converg.
ED2598;SPC SC	- 314,813.521	458,616.477	MT	0.99994337	-0 54 47.8
ED2598;SPC SC	- 1,032,852.76	1,504,647.23	iFT	0.99994337	-0 54 47.8
ED2598;UTM 17	- 3,836,705.947	349,054.526	MT	0.99988083	-0 56 13.4
ED2598!	- Elev Factor	x Scale Factor	=	Combined Factor	
ED2598!SPC SC	- 0.99996249	x 0.99994337	=	0.99990586	
ED2598!UTM 17	- 0.99996249	x 0.99988083	=	0.99984333	

ED2598 U.S. NATIONAL GRID SPATIAL ADDRESS: 17SLU4905436705(NAD 83)

ED2598 SUPERSEDED SURVEY CONTROL

ED2598 NAD 83(2001)- 34 39 40.29293(N) 082 38 50.36884(W) AD( ) 2  
 ED2598 NAD 83(1986)- 34 39 40.29978(N) 082 38 50.36736(W) AD( ) 2  
 ED2598 NAD 27 - 34 39 39.89647(N) 082 38 50.87826(W) AD( ) 2  
 ED2598 NGVD 29 (07/19/86) 270.1 (m) 886. (f) VERT ANG

ED2598.No superseded survey control is available for this station.  
 ED2598

ED2598\_MARKER: DD = SURVEY DISK  
 ED2598\_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT  
 ED2598\_STAMPING: AZ MK 4 004 1980  
 ED2598\_MARK LOGO: SCGS  
 ED2598\_PROJECTION: FLUSH  
 ED2598\_MAGNETIC: M = MARKER EQUIPPED WITH BAR MAGNET  
 ED2598\_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL  
 ED2598\_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR  
 ED2598+SATELLITE: SATELLITE OBSERVATIONS - October 11, 2011

ED2598	HISTORY	- Date	Condition	Report By
ED2598	HISTORY	- 1980	MONUMENTED	SCGS
ED2598	HISTORY	- 1980	GOOD	SCGS
ED2598	HISTORY	- 19920211	GOOD	SCGS
ED2598	HISTORY	- 20111011	GOOD	SCGS

ED2598 STATION DESCRIPTION

ED2598'DESCRIBED BY SOUTH CAROLINA GEODETIC SURVEY 1980 (BRL)  
 ED2598'THE STATION IS LOCATED ABOUT 17.5 KM (11 MI) WEST OF PELZER, 14 KM  
 ED2598'(8.8 MI) SOUTH-SOUTHEAST OF LIBERTY, 13 KM (8 MI) SOUTHEAST  
 ED2598'OF CENTRAL, 13 KM (8 MI) WEST-NORTHWEST OF WILLIAMSTON AND  
 ED2598'ON HIGHWAY RIGHT-OF-WAY.  
 ED2598'OWNERSHIP--MR GEORGE WEATHERS, PRE-CONSTRUCTION ENGINEER,  
 ED2598'PO BOX 191, COLUMBIA SC 29203, PHONE 803-758-3414.  
 ED2598'TO REACH THE STATION FROM THE JUNCTION OF INTERSTATE HIGHWAY 85 AND  
 ED2598'STATE HIGHWAY 81, ABOUT 8 KM (5 MI) NORTH OF ANDERSON. GO  
 ED2598'NORTH ON HIGHWAY 81 FOR 2.7 KM (1.7 MI) TO A FORK AT THE PIERCETOWN



ED2598'AND TWENTY ROAD), TURN LEFT ON ROAD 57 FOR 2.95 MI (4.7 KM) TO THE  
ED2598'JUNCTION OF STATE ROAD 58 (FIVE FORKS ROAD), TURN LEFT ON ROAD 58 FOR  
ED2598'0.75 MI (1.2 KM) TO THE STATION ON THE RIGHT IN THE WEST ANGLE OF A  
ED2598'CONCRETE DRIVEWAY LEADING TO A BRICK HOUSE NUMBER 1941. STATION IS A  
ED2598'CONCRETE POST FLUSH WITH THE GROUND AND LEVEL WITH ROAD, 20.7 FT (6.3  
ED2598'M) NORTHWEST OF THE CENTER OF THE ROAD, 1.3 FT (0.4 M) SOUTHWEST OF  
ED2598'THE EXTENDED CENTER OF MOUNT ABLE CHURCH ROAD, 6.4 FT (2.0 M) SOUTH OF  
ED2598'A WOOD POST WITH A SCGS REFERENCE WASHER ATTACHED, 19.6 FT (6.0 M)  
ED2598'SOUTHWEST OF THE CENTER OF THE DRIVEWAY, 40.1 FT (12.2 M) EAST OF A  
ED2598'POWER POLE NUMBER 1/0/1/4/1, 5.6 FT (1.7 M) SOUTHWEST OF A WITNESS  
ED2598'POST. NOTE-STATION IS NOT INTERVISIBLE WITH SURVEY STATION 4 004.  
ED2598'RECOVERED BY R.P. MCKEOWN.

\*\*\* retrieval complete.  
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