

The NGS Data Sheet

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

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PROGRAM = datasheet95, VERSION = 8.12.5.2
1      National Geodetic Survey,   Retrieval Date = MARCH 20, 2019
ED3460 *****
ED3460 HT_MOD      -   This is a Height Modernization Survey Station.
ED3460 DESIGNATION -   TARMAC
ED3460 PID        -   ED3460
ED3460 STATE/COUNTY- SC/GREENWOOD
ED3460 COUNTRY    -   US
ED3460 USGS QUAD   -   COKESBURY (1971)
ED3460
ED3460                      *CURRENT SURVEY CONTROL
ED3460
ED3460* NAD 83(2011) POSITION- 34 17 30.52473(N) 082 08 31.49473(W) ADJUSTED
ED3460* NAD 83(2011) ELLIP HT- 143.163 (meters) (06/27/12) ADJUSTED
ED3460* NAD 83(2011) EPOCH   - 2010.00
ED3460* NAVD 88 ORTHO HEIGHT - 173.10 (meters) 567.9 (feet) GPS OBS
ED3460
ED3460 GEOID HEIGHT      -      -29.935 (meters) GEOID12B
ED3460 NAD 83(2011) X    -      721,210.632 (meters) COMP
ED3460 NAD 83(2011) Y    -    -5,225,674.233 (meters) COMP
ED3460 NAD 83(2011) Z    -      3,573,316.379 (meters) COMP
ED3460 LAPLACE CORR     -      -1.16 (seconds) DEFLEC12B
ED3460
ED3460 Network accuracy estimates per FGDC Geospatial Positioning Accuracy
ED3460 Standards:
ED3460      FGDC (95% conf, cm)      Standard deviation (cm)      CorrNE
ED3460      Horiz Ellip              SD_N   SD_E   SD_h      (unitless)
ED3460 -----
ED3460 NETWORK      0.43   0.71              0.18   0.17   0.36      -0.02256137
ED3460 -----
ED3460 Click here for local accuracies and other accuracy information.
ED3460
ED3460
ED3460 The horizontal coordinates were established by GPS observations
ED3460 and adjusted by the National Geodetic Survey in June 2012.
ED3460
ED3460 NAD 83(2011) refers to NAD 83 coordinates where the reference frame has
ED3460 been affixed to the stable North American tectonic plate. See
ED3460 NA2011 for more information.
ED3460
ED3460 The horizontal coordinates are valid at the epoch date displayed above
ED3460 which is a decimal equivalence of Year/Month/Day.
ED3460
ED3460 The orthometric height was determined by GPS observations and a
ED3460 high-resolution geoid model using precise GPS observation and
ED3460 processing techniques.
ED3460
ED3460 Significant digits in the geoid height do not necessarily reflect accuracy.
ED3460 GEOID12B height accuracy estimate available here.
ED3460
ED3460 The X, Y, and Z were computed from the position and the ellipsoidal ht.
ED3460
ED3460 The Laplace correction was computed from DEFLEC12B derived deflections.
ED3460
ED3460 The ellipsoidal height was determined by GPS observations

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ED3460.and is referenced to NAD 83.

ED3460

ED3460. The following values were computed from the NAD 83(2011) position.

ED3460

ED3460;	North	East	Units	Scale	Factor	Converg.
ED3460;SPC SC	- 273,219.694	504,468.820	MT	0.99985253	-0 37 59.4	
ED3460;SPC SC	- 896,390.07	1,655,081.43	iFT	0.99985253	-0 37 59.4	
ED3460;UTM 17	- 3,795,102.590	394,890.670	MT	0.99973618	-0 38 36.7	

ED3460

ED3460! - Elev Factor x Scale Factor = Combined Factor

ED3460!SPC SC - 0.99997753 x 0.99985253 = 0.99983006

ED3460!UTM 17 - 0.99997753 x 0.99973618 = 0.99971371

ED3460

ED3460_U.S. NATIONAL GRID SPATIAL ADDRESS: 17SLT9489095102(NAD 83)

ED3460

ED3460 SUPERSEDED SURVEY CONTROL

ED3460

ED3460	NAD 83(2007)-	34 17 30.52474(N)	082 08 31.49534(W)	AD(2002.00)	0
ED3460	ELLIP H (02/10/07)	143.182 (m)		GP(2002.00)	
ED3460	NAD 83(2001)-	34 17 30.52470(N)	082 08 31.49611(W)	AD()	1
ED3460	ELLIP H (03/27/03)	143.157 (m)		GP()	4 2
ED3460	NAD 83(1995)-	34 17 30.52468(N)	082 08 31.49595(W)	AD()	1
ED3460	ELLIP H (12/20/99)	143.162 (m)		GP()	4 1
ED3460	NAD 83(1986)-	34 17 30.53577(N)	082 08 31.49580(W)	AD()	1
ED3460	NAVD 88 (10/17/91)	173.5 (m)	UNKNOWN model used	GPS OBS	

ED3460

ED3460.Superseded values are not recommended for survey control.

ED3460

ED3460.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

ED3460.See file [dsdata.pdf](#) to determine how the superseded data were derived.

ED3460

ED3460_MARKER: DH = HORIZONTAL CONTROL DISK

ED3460_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

ED3460_STAMPING: TARMAC 1990

ED3460_MARK LOGO: NGS

ED3460_PROJECTION: FLUSH

ED3460_MAGNETIC: M = MARKER EQUIPPED WITH BAR MAGNET

ED3460_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL

ED3460_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

ED3460+SATELLITE: SATELLITE OBSERVATIONS - July 25, 2016

ED3460

ED3460	HISTORY	- Date	Condition	Report By
ED3460	HISTORY	- 1990	MONUMENTED	SCGS
ED3460	HISTORY	- 19910129	GOOD	
ED3460	HISTORY	- 20000920	GOOD	USPSQD
ED3460	HISTORY	- 20010331	GOOD	NGS
ED3460	HISTORY	- 20051231	GOOD	NEWBY
ED3460	HISTORY	- 20160725	GOOD	SCGS

ED3460

ED3460 STATION DESCRIPTION

ED3460

ED3460'DESCRIBED BY SOUTH CAROLINA GEODETIC SURVEY 1990

ED3460'STATION IS LOCATED 4.7 MI (7.6 KM) NORTH NORTHWEST OF CORONACA, 7.0 MI

ED3460'(11.3 KM) EAST OF HODGES. OWNERSHIP--STOCKMAN LAND, 1138 REYNOLDS

ED3460'AVENUE, GREENWOOD, SC 29646.

ED3460'TO REACH THE STATION FROM THE JUNCTION OF STATE HIGHWAYS 246, 72 AND

ED3460'U.S. HIGHWAY 221 IN CORONACA, GO NORTHWEST ON HIGHWAY 246 FOR 3.55 MI

ED3460'(5.71 KM) TO THE JUNCTION OF STATE ROAD 314, TURN RIGHT ON ROAD 314

ED3460'FOR 0.85 MI (1.37 KM) TO THE END OF THE ROAD, A CONCRETE BLOCK

ED3460'BUILDING (WEIGH HOUSE) AND THE STATION NEAR A STEEL POLE (SUPPORTING

ED3460'A BIRD HOUSE) IN A GRASS ISLAND AT THE ENTRANCE TO THE TARMAC QUARRY.

ED3460'STATION IS A CONCRETE POST FLUSH WITH THE GROUND AND IS LEVEL WITH THE

ED3460'ROAD, 62.3 FT (19.0 M) NORTHEAST OF THE CENTER OF THE GRAVEL ROAD

ED3460'LEADING INTO THE QUARRY, 101.0 FT (30.8 M) NORTH OF THE NORTH CORNER

ED3460'OF A SMALL SHED ATTACHED TO THE NORTHWEST SIDE OF THE WEIGH HOUSE,
 ED3460'103.1 FT (31.4 M) NORTH OF A FLAG POLE, 27.5 FT (8.4 M) NORTHWEST OF
 ED3460'THE STEEL POLE, 44.2 FT (13.5 M) EAST OF A POWER LINE STUB POLE WITH
 ED3460'A SCGS REFERENCE WASHER ATTACHED, 34.2 FT (10.4 M) EAST OF A WITNESS
 ED3460'POST.

ED3460'DESCRIBED BY J.R. WERNER.

ED3460

ED3460

STATION RECOVERY (1991)

ED3460

ED3460'RECOVERED 1991

ED3460'RECOVERED IN GOOD CONDITION.

ED3460

ED3460

STATION RECOVERY (2000)

ED3460

ED3460'RECOVERY NOTE BY US POWER SQUADRON 2000 (FRC)

ED3460'RECOVERED IN GOOD CONDITION.

ED3460

ED3460

STATION RECOVERY (2001)

ED3460

ED3460'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 2001 (DB)

ED3460'THIS REPORT WAS SUBMITTED BY THE US POWER SQUADRONS.

ED3460

ED3460

STATION RECOVERY (2005)

ED3460

ED3460'RECOVERY NOTE BY NEWBY-PROCTOR AND ASSOCIATES 2005 (RDP)

ED3460'RECOVERED IN GOOD CONDITION.

ED3460

ED3460

STATION RECOVERY (2016)

ED3460

ED3460'RECOVERY NOTE BY SOUTH CAROLINA GEODETIC SURVEY 2016 (RPM)

ED3460'THE STATION IS LOCATED ABOUT 6.8 MI (11.0 KM) NORTH OF GREENWOOD, 6.2

ED3460'MI (10.1 KM) SOUTHWEST OF WATERLOO AND 5.9 MI (9.5 KM) EAST OF HODGES.

ED3460'OWNERSHIP--VULCAN MATERIALS COMPANY, 527 QUARRY ROAD, GREENWOOD, SC

ED3460'29649. TO REACH THE STATION FROM THE JUNCTION OF U.S. HIGHWAY 221,

ED3460'STATE HIGHWAYS 72 AND 246, IN CORONACA, GO NORTHWEST ON HIGHWAY 246

ED3460'FOR 3.55 MI (5.7 KM) TO STATE ROAD 314 (QUARRY RD), TURN RIGHT ON ROAD

ED3460'314 FOR 0.85 MI (1.4 KM) TO THE STATION AHEAD NEAR A FLAGPOLE IN A

ED3460'GRASSY ISLAND ON THE NORTH SIDE OF THE VULCAN MATERIALS QUARRY

ED3460'SECURITY OFFICE. STATION IS FLUSH WITH THE GROUND AND 1.0 FT (0.3 M)

ED3460'BELOW THE ROAD, 51.5 FT (15.7 M) NORTH-NORTHWEST OF THE FLAGPOLE,

ED3460'123.5 FT (37.6 M) NORTH-NORTHWEST OF THE CORNER OF THE SECURITY

ED3460'OFFICE, 27.8 FT (8.5 M) NORTHWEST OF A METAL POLE FOR A BIRD HOUSE,

ED3460'48.0 FT (14.6 M) SOUTHEAST OF THE SOUTHEAST CORNER OF A METAL STORM

ED3460'GRATE, 63.0 FT (19.2 M) EAST OF THE NORTH CORNER OF THE CONCRETE CURB

ED3460'FOR A SCALE, 34.5 FT (10.5 M) EAST OF A WITNESS POST. DESCRIBED BY J.

ED3460'B. SMOAK.

*** retrieval complete.

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