

## The NGS Data Sheet

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

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PROGRAM = datasheet95, VERSION = 8.12.3
1      National Geodetic Survey, Retrieval Date = NOVEMBER 3, 2017
DH5666 *****
DH5666 DESIGNATION - WAUTOMA N GPS
DH5666 PID - DH5666
DH5666 STATE/COUNTY- WI/WAUSHARA
DH5666 COUNTRY - US
DH5666 USGS QUAD - WAUTOMA NE (1983)
DH5666
DH5666 *CURRENT SURVEY CONTROL
DH5666
DH5666* NAD 83(2011) POSITION- 44 08 40.19566(N) 089 16 03.41001(W) ADJUSTED
DH5666* NAD 83(2011) ELLIP HT- 265.117 (meters) (06/27/12) ADJUSTED
DH5666* NAD 83(2011) EPOCH - 2010.00
DH5666* NAVD 88 ORTHO HEIGHT - 301.372 (meters) 988.75 (feet) ADJUSTED
DH5666
DH5666 GEOID HEIGHT - -36.252 (meters) GEOID12B
DH5666 NAD 83(2011) X - 58,599.984 (meters) COMP
DH5666 NAD 83(2011) Y - -4,584,124.226 (meters) COMP
DH5666 NAD 83(2011) Z - 4,419,811.750 (meters) COMP
DH5666 LAPLACE CORR - -2.85 (seconds) DEFLEC12B
DH5666 DYNAMIC HEIGHT - 301.309 (meters) 988.54 (feet) COMP
DH5666 MODELED GRAVITY - 980,403.7 (mgal) NAVD 88
DH5666
DH5666 VERT ORDER - SECOND CLASS I
DH5666
DH5666 Network accuracy estimates per FGDC Geospatial Positioning Accuracy
DH5666 Standards:
DH5666 FGDC (95% conf, cm) Standard deviation (cm) CorrNE
DH5666 Horiz Ellip SD_N SD_E SD_h (unitless)
DH5666 -----
DH5666 NETWORK 0.20 0.29 0.09 0.07 0.15 0.11136691
DH5666 -----
DH5666 Click here for local accuracies and other accuracy information.
DH5666
DH5666
DH5666.The horizontal coordinates were established by GPS observations
DH5666.and adjusted by the National Geodetic Survey in June 2012.
DH5666
DH5666.NAD 83(2011) refers to NAD 83 coordinates where the reference frame has
DH5666.been affixed to the stable North American tectonic plate. See
DH5666.NA2011 for more information.
DH5666
DH5666.The horizontal coordinates are valid at the epoch date displayed above
DH5666.which is a decimal equivalence of Year/Month/Day.
DH5666
DH5666.The orthometric height was determined by differential leveling and
DH5666.adjusted by the WI DEPT OF TRANSP
DH5666.in May 2012.
DH5666
DH5666.Significant digits in the geoid height do not necessarily reflect accuracy.
DH5666.GEOID12B height accuracy estimate available here.
DH5666
DH5666.Photographs are available for this station.
DH5666
DH5666.The X, Y, and Z were computed from the position and the ellipsoidal ht.
DH5666
DH5666.The Laplace correction was computed from DEFLEC12B derived deflections.
DH5666
DH5666.The ellipsoidal height was determined by GPS observations
DH5666.and is referenced to NAD 83.
DH5666
DH5666.The dynamic height is computed by dividing the NAVD 88
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DH5666.geopotential number by the normal gravity value computed on the  
DH5666.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45  
DH5666.degrees latitude (g = 980.6199 gals.).  
DH5666  
DH5666.The modeled gravity was interpolated from observed gravity values.  
DH5666  
DH5666. The following values were computed from the NAD 83(2011) position.  
DH5666  
DH5666;  
DH5666;SPC WI S - North East Units Scale Factor Converg.  
DH5666;SPC WI S - 238,500.236 658,599.376 MT 1.00001674 +0 30 11.6  
DH5666;SPC WI S - 782,479.52 2,160,754.79 sFT 1.00001674 +0 30 11.6  
DH5666;UTM 16 - 4,890,422.466 318,636.402 MT 1.00000455 -1 34 47.1  
DH5666  
DH5666! - Elev Factor x Scale Factor = Combined Factor  
DH5666!SPC WI S - 0.99995843 x 1.00001674 = 0.99997517  
DH5666!UTM 16 - 0.99995843 x 1.00000455 = 0.99996298  
DH5666  
DH5666 U.S. NATIONAL GRID SPATIAL ADDRESS: 16TCP1863690422(NAD 83)  
DH5666  
DH5666 SUPERSEDED SURVEY CONTROL  
DH5666  
DH5666 NAD 83(2007)- 44 08 40.19571(N) 089 16 03.41081(W) AD(2002.00) 0  
DH5666 ELLIP H (02/10/07) 265.154 (m) GP(2002.00)  
DH5666 NAD 83(1997)- 44 08 40.19581(N) 089 16 03.41114(W) AD( ) 1  
DH5666 ELLIP H (08/01/05) 265.156 (m) GP( ) 2 1  
DH5666 NAVD 88 301.35 (m) 988.7 (f) LEVELING 3  
DH5666 NAVD 88 (04/20/07) 301.349 (m) 988.68 (f) SUPERSEDED 2 1  
DH5666  
DH5666.Superseded values are not recommended for survey control.  
DH5666  
DH5666.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.  
DH5666.See file [dsdata.pdf](#) to determine how the superseded data were derived.  
DH5666  
DH5666 MARKER: DD = SURVEY DISK  
DH5666 SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT  
DH5666 STAMPING: WAUTOMA N GPS  
DH5666 MARK LOGO: WIDT  
DH5666 PROJECTION: RECESSED 5 CENTIMETERS  
DH5666 MAGNETIC: R = STEEL ROD IMBEDDED IN MONUMENT  
DH5666 STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL  
DH5666 SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR  
DH5666+SATELLITE: SATELLITE OBSERVATIONS - November 27, 2007  
DH5666  
DH5666 HISTORY - Date Condition Report By  
DH5666 HISTORY - UNK MONUMENTED WI-137  
DH5666 HISTORY - 20030820 GOOD WIDT  
DH5666 HISTORY - 20051228 GOOD WIDT  
DH5666 HISTORY - 20071127 GOOD WIDT  
DH5666  
DH5666 STATION DESCRIPTION  
DH5666  
DH5666'DESCRIBED BY WI DEPT OF TRANSP 2003 (DJH)  
DH5666'OWNERSHIP--WAUSHARA COUNTY. TO REACH THE STATION FROM THE JUNCTION OF  
DH5666'STATE HIGHWAY 22 WITH COUNTY HIGHWAY O ABOUT 2 MI SOUTH OF THE  
DH5666'VILLAGE OF WILD ROSE, GO SOUTH ON STATE HIGHWAY 22 FOR 0.8 MI TO  
DH5666'COUNTY HIGHWAY MM ON THE RIGHT, TURN RIGHT AND GO WEST ON COUNTY  
DH5666'HIGHWAY MM FOR 0.5 MI TO THE STATION ON THE RIGHT. THE STATION IS A  
DH5666'BRONZE WISCONSIN DEPARTMENT OF TRANSPORTATION GEODEDIC CONTROL MARKER  
DH5666'DISK SET IN THE TOP OF A 45-CM DIAMETER CONCRETE POST ABOUT LEVEL  
DH5666'WITH THE HIGHWAY PAVEMENT. THE STATION IS 7.0 M NORTH OF THE  
DH5666'CENTERLINE OF COUNTY HIGHWAY MM, 16.1 M NORTHWEST OF A POWER POLE, 13  
DH5666'M WEST OF PRIVATE ENTRANCE --W70708--, 0.4 M SOUTH OF A WHITE PLASTIC  
DH5666'WITNESS POST AND 1.0 M NORTH, SOUTHEAST, SOUTHWEST OF THREE ORANGE 4X4  
DH5666'PLASTIC WITNESS POSTS. ---NOTE---THIS STATION HAS NO VISIBLE  
DH5666'OBSTRUCTIONS EXTENDING HIGHER THAN 15 DEGREES ABOVE THE HORIZON.  
DH5666  
DH5666 STATION RECOVERY (2005)  
DH5666  
DH5666'RECOVERY NOTE BY WI DEPT OF TRANSP 2005 (PJH)  
DH5666'RECOVERED AS DESCRIBED.  
DH5666

DH5666 STATION RECOVERY (2007)  
 DH5666  
 DH5666'RECOVERY NOTE BY WI DEPT OF TRANSP 2007 (DRB)  
 DH5666'RECOVERED IN GOOD CONDITION. ADD-- THE STATION IS 0.5 MILE EAST OF  
 DH5666'17TH DRIVE. ---NOTE--- THE MONUMENT IS RECESSED 16 CM BELOW GROUND  
 DH5666'LEVEL.

\*\*\* retrieval complete.  
 Elapsed Time = 00:00:02

**Inverse Results**

From	To	Geodetic Azimuth	Ellipsoid Distance (Meter)	Grid Azimuth	Grid Distance (Meter)	Ground Distance (Meter)	Δ Elevation (Meter)
<a href="#">DH5666 NAD83(2011) Epoch 2010_DS</a>	<a href="#">DH5666 TS_Check</a>	47°08'24"	0.037	46°38'13"	0.037	0.037	-0.008
<a href="#">DH5666 NAD83(2011) Epoch 2010_DS</a>	<a href="#">DH5666</a>	106°29'07"	0.005	105°58'55"	0.005	0.005	-0.027
<a href="#">DH5666</a>	<a href="#">DH5666 TS_Check</a>	39°18'40"	0.034	38°48'29"	0.034	0.034	0.018

