

DOCUMENTATION/STATUS OF GEODETIC STATIONS

Station Name: Hughes GPS

Inspection Date: May 14, 2002

Monument: OK

Signage: OK

Site: Some aspen to south of monument should be cut.

Photo
of
Monument:



Photo of
Sign and
Monument:



The NGS Data Sheet

DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 5.78

Starting Datasheet Retrieval...

1 National Geodetic Survey, Retrieval Date = APRIL 27, 1999

AF9965 *****

AF9965 DESIGNATION - 308 HUGHES GPS

AF9965 PID - AF9965

AF9965 STATE/COUNTY- WI/BAYFIELD

AF9965 USGS QUAD - DRUMMOND NW (1973)

AF9965

AF9965 *CURRENT SURVEY CONTROL

AF9965* NAD 83(1991)- 46 28 53.56392(N) 091 26 52.76594(W) ADJUSTED

AF9965* NAVD 88 - 386.9 (meters) 1269. (feet) GPS OBS

AF9965

AF9965 X - -111,183.502 (meters) COMP

AF9965 Y - -4,398,501.912 (meters) COMP

AF9965 Z - 4,602,527.629 (meters) COMP

AF9965 LAPLACE CORR- -13.13 (seconds) DEFLEC96

AF9965 ELLIP HEIGHT- 357.95 (meters) GPS OBS

AF9965 GEOID HEIGHT- -28.89 (meters) GEOID96

AF9965

AF9965 HORZ ORDER - FIRST

AF9965 ELLP ORDER - THIRD CLASS II

AF9965

AF9965.The horizontal coordinates were established by GPS observations

AF9965.and adjusted by the National Geodetic Survey in April 1998.

AF9965

AF9965.The orthometric height was determined by GPS observations.

AF9965

AF9965.The X, Y, and Z were computed from the position and the ellipsoidal ht.

AF9965

AF9965.The Laplace correction was computed from DEFLEC96 derived deflections.

AF9965

AF9965.The ellipsoidal height was determined by GPS observations

AF9965.and is referenced to NAD 83.

AF9965

AF9965.The geoid height was determined by GEOID96.

AF9965

AF9965;	North	East	Units	Scale	Converg.
AF9965;SPC WI N	- 147,157.259	488,821.462	MT	0.99996032	-1 02 40.3
AF9965;UTM 15	- 5,148,722.906	619,128.169	MT	0.99977444	+1 07 32.1

AF9965

AF9965 SUPERSEDED SURVEY CONTROL

AF9965

AF9965.No superseded survey control is available for this station.

AF9965

AF9965_MARKER: DB = BENCH MARK DISK

AF9965_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT (ROUND)

AF9965_STAMPING: 308 HUGHES GPS

AF9965_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

AF9965+STABILITY: SURFACE MOTION

AF9965_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

AF9965+SATELLITE: SATELLITE OBSERVATIONS - 1996

AF9965

AF9965	HISTORY	- Date	Condition	Recov. By
AF9965	HISTORY	- 1996	MONUMENTED	WI-007

AF9965

AF9965 STATION DESCRIPTION

AF9965

AF9965'DESCRIBED BY BAYFIELD COUNTY WISCONSIN 1996 (DKL)

AF9965'STATION DESCRIPTION DESCRIBED BY BAYFIELD COUNTY, 1996 THE STATION
AF9965'IS LOCATED ABOUT 10.46 KM (6.50 MI) SOUTH OF THE UNINCORPORATED
AF9965'VILLAGE OF IRON RIVER, WISCONSIN EAST OF THE RIGHT-OF-WAY OF COUNTY
AF9965'HIGHWAY A ON BAYFIELD COUNTY FOREST LAND IN THE SOUTHWEST QUARTER OF
AF9965'THE NORTHEAST QUARTER, SECTION 12, T46N, R9W, TOWN OF HUGHES. TO
AF9965'REACH THE STATION FROM THE INTERSECTION OF COUNTY HIGHWAY A AND US
AF9965'HIGHWAY 2 IN IRON RIVER GO SOUTH ON COUNTY HIGHWAY A ABOUT 10.46 KM
AF9965'(6.50 MI) . THE STATION IS LOCATED 1 M (3.3 FT) SOUTH OF AN EXISTING
AF9965'7.63 CM (3 IN) PIPE MONUMENT WHICH IS THE WITNESS TO THE WEST 1/4
AF9965'CORNER OF SECTION 12, T46N, R9W. THE STATION IS 19.81 M (64.99 FT)
AF9965'EAST OF THE CENTERLINE OF COUNTY HIGHWAY A AND 7.92 M (25.98 FT) NORTH
AF9965'OF THE CENTERLINE OF AN UNNAMED FOREST ROAD. THE STATION IS 30.38 M
AF9965'(99.67 FT) SOUTH 85 DEGREES EAST OF A SIGN WARNING OF BURIED FIBER
AF9965'OPTICS CABLE. THE STATION IS A 8.3 CM (3.25 IN) ALUMINUM CAP
AF9965'STAMPED---308 HUGHES GPS---SET INTO THE TOP OF A ROUND CONCRETE
AF9965'MONUMENT 30.48 CM (12 IN) IN DIAMETER LOCATED FLUSH WITH THE GROUND.
AF9965'STATION IS 1 M (3.3 FT) SOUTH OF A STEEL FENCE POST BEARING THE SIGN
AF9965'(PLEASE PROTECT NEARBY SURVEY MARKER) .
Elapsed Time = 00:00:01