

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM) BETWIXT		Station PID, if any:		Date (UTC): 3/11/2009		
	General Location: 1066 Middleneck Rd, Warwick MD 21912		Airport ID, if any:		Station 4-Character ID: BETW		
Project Name: CECIL COUNTY HMOD		Project Number: GPS-		Station Serial # (SSN):		Session ID:(A,B,C etc) D	
NAD83 Latitude 0		NAD83 Longitude 0		NAD83 Ellipsoidal Height meters		Agency Full Name: G. W. Stephens, Jr. and Assoc.	
Observation Session Times (UTC): Sched. Start 16:10 Stop 16:45		Epoch Interval= 1 Seconds		NAVD88 Orthometric Ht. meters		Operator Full Name: JAMES SHAW	
Actual Start 14:10 Stop 14:45		Elevation Mask = 1 Degrees		GEOID99 Geoid Height meters		Phone #: () (410) 297-2340	
Receiver Brand & Model: TRIMBLE 4800		Antenna Code*, Brand & Model:		Antenna plumb before session? (Y / N) Circle		Session ID:(A,B,C etc) D	
P/N: 32119-56		P/N:		Antenna plumb after session? (Y / N) Yes or No		Weather observed at antenna ht. (Y / N) explain	
S/N: 0220160895		S/N:		Antenna oriented to true North? (Y / N) -If no,		Antenna ground plane used? (Y / N) "	
Firmware Version:		Cable Length, meters:		Antenna radome used? (Y / N) If yes,		Any obstructions above 10'? (Y / N) Use	
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Vehicle is Parked _____ meters _____ (direction) from antenna.		Eccentric occupation (>0.5 mm)? (Y / N) describe.		Radio interference source nearby (Y / N) Vis. form	
Tripod or Antenna Mount: Check one: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount		** ANTENNA HEIGHT **		Before Session Begins: Meters Feet		After Session Ends: Meters Feet	
Brand & Model: SECO 2.0m		A= Datum point to Top of Tripod (Tripod Height)		2.000		6.562	
P/N: 5119-00-FLY/10P 55 MAY 04		B=Additional offset to ARP if any (Tribrach/Spacer)		0.000		0.000	
S/N: 5119-00-FLY/10P 55 MAY 04		H= Antenna Height = A + B		2.000		6.562	
Last Adjustment date:		= Datum Point to Antenna Reference Point (ARP)		2.000		6.562	
Psychrometer (if used) Brand & Model:		Meters = Feet x (0.3048)		Note &/or sketch ANY unusual conditions.			
P/N:		Height Entered Into Receiver = _____ meters.		Be Very Explicit as to where and how Measured!			
S/N:							
Last Calibration or check Date: 3-9-2009							
Barometer (if used) Brand & Model:		Weather Data		Weather Codes		Time (UTC)	
S/N:		Before		02021		14:10	
		Middle		02021		14:25	
		After		02021		14:45	
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:							
Weather codes are required. Weather data are optional but encouraged. *Antenna code comes from ant_info file furnished by project coordinator.							
Data File Name(s): (Standard NGS Format = aaaadddd.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension				Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Visibility Obstruction Form: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Photographs of Station: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Pencil Rubbing of Mark: <input type="checkbox"/> Attached		LOG CHECKED BY:	
Table of Weather Codes		CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
		0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
		1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
		2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over15 mph (24km/h)
Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind							