


NOTE: This form intended for field use. Unsolicited data submitted to NGS must be converted to bluebook format.

 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)		Station PID, if any:		Date (UTC):		
	<i>AMPHI THEATER</i>				<i>3/20/09</i>		
General Location:		Airport ID, if any:		Station 4-Character ID:		Day of Year:	
<i>3181 TURKEY PT. RD. NORTH EAST, MD 21901</i>				<i>AMPH</i>		<i>079</i>	
Project Name:		Project Number:		Station Serial # (SSN):		Session ID:(A,B,C etc)	
<i>CECIL COUNTY HMOD</i>		GPS-				<i>C</i>	
NAD83 Latitude		NAD83 Longitude		NAD83 Ellipsoidal Height		Agency Full Name: <i>G.W. STEPHENS, INC.</i> Operator Full Name: <i>JEFFREY W. HAYS</i> Phone #: <i>(410) 297-2340</i> e-mail address: <i>jshaw@gwstephens.com</i>	
o		o		meters			
Observation Session Times (UTC):		Epoch		NAVD88 Orthometric Ht.			
Sched. Start _____ Stop _____		Interval= _____ Seconds		meters			
Actual Start <i>14:39</i> Stop <i>15:15</i>		Elevation		GEOID99 Geoid Height			
		Mask = _____ Degrees		meters			
Receiver Brand & Model:		Antenna Code*, Brand & Model:		Antenna plumb before session? <input checked="" type="radio"/> (N) Circle		Antenna plumb after session? (Y/N) Yes or No	
<i>TRIMBLE 5800</i>				Antenna oriented to true North? <input checked="" type="radio"/> (N) -If no, explain		Weather observed at antenna ht. <input checked="" type="radio"/> (N) explain	
P/N: <i>45145-46</i>		P/N:		Antenna ground plane used? (Y/N)			
S/N: <i>4423134751</i>		S/N:		Antenna radome used? (Y/N) If yes, describe.		Eccentric occupation (>0.5 mm)? (Y/N) Use	
Firmware Version:		Cable Length, meters:		Any obstructions above 10"? <input checked="" type="radio"/> (N) Use		Radio interference source nearby (Y/N) Vis. form	
<input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Vehicle is Parked _____ meters _____ (direction) from antenna.					
Tripod or Antenna Mount: Check one:		** ANTENNA HEIGHT **		Before Session Begins:		After Session Ends:	
<input type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount				Meters		Feet	
Brand & Model: <i>SECO</i>							
P/N: <i>5119-00 FLY</i>							
S/N:							
Last Adjustment date:							
Psychrometer (if used) Brand & Model:		A= Datum point to Top of Tripod (Tripod Height)					
		B= Additional offset to ARP if any (Tribrach/Spacer)					
P/N:		H= Antenna Height = A + B					
S/N:		= Datum Point to Antenna Reference Point (ARP)					
Last Calibration or check Date:		Meters = Feet x (0.3048)		Note &/or sketch ANY unusual conditions.			
		Height Entered Into Receiver = _____ meters.		Be Very Explicit as to where and how Measured!			
Barometer (if used) Brand & Model:	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	WetBulb Temp Fahrenheit	Rel. % Humidity	Atm. Pressure inches Hg
	Before	<i>01010</i>	<i>14:39</i>				
	Middle	<i>01010</i>	<i>14:57</i>				
	After	<i>01010</i>	<i>15:15</i>				
S/N:							
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):				Updated Station Description: <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Submitted earlier		LOG CHECKED BY:	
(Standard NGS Format = aaaadddd.xxx)				Visibility Obstruction Form: <input checked="" type="checkbox"/> Attached <input checked="" type="checkbox"/> Submitted earlier			
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension				Photographs of Station: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier			
				Pencil Rubbing of Mark: <input type="checkbox"/> Attached			
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							