


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: __ FBN __ CBN __ PAC __ SAC __ BM) AMPHITHEATRE		Station PID, if any:		Date (UTC): 3-20-2009		
	General Location: 3181 TURKEY PT. RD. NORTH EAST, MD 21901		Airport ID, if any:		Station 4-Character ID: AMPH		
Project Name: CECIL COUNTY HMOD			Project Number: GPS-		Station Serial # (SSN): E		
NAD83 Latitude O		NAD83 Longitude O		NAD83 Ellipsoidal Height meters		Agency Full Name: G.W. STEPHENS, JR.	
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start 18:22 Stop 19:00		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters		Operator Full Name: JAMES SHAW Phone #: (410) 297-2340 e-mail address: jshaw@gwstephens.com	
Receiver Brand & Model: TRIMBLE 4800 P/N: 32119-56 S/N: 0220160895 Firmware Version: _____ <input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other			Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters: Vehicle is Parked _____ meters _____ (direction) from antenna.			Antenna plumb before session? <input checked="" type="radio"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="radio"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (Y/N) -If no, explain Weather observed at antenna ht. <input checked="" type="radio"/> (Y/N) Antenna ground plane used? <input checked="" type="radio"/> (Y/N) " Antenna radome used? <input checked="" type="radio"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y/N) Use Any obstructions above 10°? <input checked="" type="radio"/> (Y/N) Vis. form Radio interference source nearby <input checked="" type="radio"/> (Y/N)	
Tripod or Antenna Mount: Check one: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: SECO 2.0m P/N: S/N: 5119-00-FLY/1DP55 MAY 04 Last Adjustment date: Psychrometer (if used) Brand & Model: P/N: S/N: Last Calibration or check Date:			** ANTENNA HEIGHT **		Before Session Begins: Meters Feet		
			A= Datum point to Top of Tripod (Tripod Height)		2.000 6.562 2.000 6.562		
			B= Additional offset to ARP if any (Tribrach/Spacer)		0.000 0.000 0.000 0.000		
			H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		2.000 6.562 2.000 6.562		
Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters.			Note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!				
Barometer (if used) Brand & Model: S/N:		Weather Data		Weather Codes		Time (UTC)	
		Before		01021 18:22		Dry-Bulb Temp Fahrenheit Celsius	
		Middle		01021 18:45		WetBulb Temp Fahrenheit Celsius	
		After		01011 19:00		Rel. % Humidity inches Hg millibar	
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 checked="" 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	
		0		did not occur		Good, over 15 miles	
		1		did occur		Fair, 7-15 miles	
		2		- not used -		Poor, under 7 miles	
Examples:		00000 = No problem, good visibility, normal temp, clear, calm wind		12121 = Problems, poor visibility, hot, overcast, moderate wind		TEMPERATURE Normal, 32° F- 80° F Hot, over 80°F (27 C) Cold, below 32° F (0 C)	
CLOUD COVER		WIND		Clear, below 20% Cloudy, 20% to 70% Overcast, over 70%		Calm, under 5mph (8km/h) Moderate, 5 to 15 mph Strong, over15 mph (24km/h)	