

 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) <b>AMPHITHEATRE</b>		Station PID, if any:		Date (UTC): <b>5/28/09</b>		
	General Location: <b>3181 Turkey Pt Rd, North East MD 21901</b>		Airport ID, if any:		Day of Year: <b>148</b>		
Project Name: <b>CECIL COUNTY HMOD</b>			Project Number: <b>GPS-</b>		Station 4-Character ID: <b>AMPH</b>		
Station Serial # (SSN):			Session ID: (A,B,C etc) <b>14 B</b>				
NAD83 Latitude <b>0</b>		NAD83 Longitude <b>0</b>		NAD83 Ellipsoidal Height meters			
Observation Session Times (UTC): Sched. Start <b>9:42</b> Stop <b>10:35</b>		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. meters			
Actual Start <b>13:42</b> Stop <b>14:35</b>		GEOID99 Geoid Height meters		Agency Full Name: <b>G. W. Stephens, Jr. and Assoc.</b> Operator Full Name: <b>WILLIAM A. JERIC</b> Phone #: ( ) <b>(410) 297-2340</b> e-mail address: <b>JShaw@gwstephens.com</b>			
Receiver Brand & Model:  <b>TRIMBLE 5800</b> P/N: <b>45145-46</b> S/N: <b>4423134651</b> Firmware Version:  <input type="checkbox"/> CamCorder Battery, <input 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 <input type="radio"/> N Circle Antenna plumb after session? <input checked="" type="radio"/> Y <input type="radio"/> N Yes or No Antenna oriented to true North? <input checked="" type="radio"/> Y <input type="radio"/> N -If no, Weather observed at antenna ht. <input checked="" type="radio"/> Y <input type="radio"/> N explain Antenna ground plane used? <input checked="" type="radio"/> Y <input type="radio"/> N "  Antenna radome used? <input checked="" type="radio"/> Y <input type="radio"/> N If yes, Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> Y <input type="radio"/> N describe. Any obstructions above 10'? <input checked="" type="radio"/> Y <input type="radio"/> N Use Radio interference source nearby <input checked="" type="radio"/> Y <input type="radio"/> 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 Brand & Model: P/N: <b>SECO</b> S/N: <b>5119-00-FLY</b> Last Adjustment date:		<b>** ANTENNA HEIGHT **</b>		Before Session Begins: Meters Feet			
Psychrometer (if used) Brand & Model:  P/N: S/N: Last Calibration or check Date:		A= Datum point to Top of Tripod (Tripod Height)		2.000 6.562			
		B=Additional offset to ARP if any (Tribrach/Spacer)		0.000 0.000			
		H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		2.000 6.562			
		Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters.		Note &/or sketch ANY unusual conditions. Be <b>Very Explicit</b> as to where and how Measured!			
Barometer (if used) Brand & Model:		Weather Data		Weather Codes			
S/N:		Time (UTC)		Dry-Bulb Temp Fahrenheit Celsius			
		WetBulb Temp Fahrenheit Celsius		Rel. % Humidity			
		Atm. Pressure inches Hg millibar					
Before		01020 13:40					
Middle		01020 14:05					
After		01020 14:37					
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 = aaaaaddss.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		CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather		0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
Codes		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	