


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

 <b>GPS STATION OBSERVATION LOG</b> 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) <div style="text-align: center; font-size: 1.2em;">BLACK 2008</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">03-24-09</div>				
	General Location: <div style="text-align: center; font-size: 1.2em;">600 BOWHELLE RD, NORTHEAST MD @ I-95 RAMP</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">BLCK</div>				
Project Name: <div style="text-align: center; font-size: 1.2em;">CECIL COUNTY HMOD</div>			Project Number: <div style="text-align: center; font-size: 1.2em;">GPS-</div>		Station Serial # (SSN): <div style="text-align: center; font-size: 1.2em;">083</div>				
NAD83 Latitude <div style="text-align: center;">0</div>		NAD83 Longitude <div style="text-align: center;">0</div>		NAD83 Ellipsoidal Height meters		Agency Full Name: G.W. STEPHENS, JR. AND ASSOC. Operator Full Name: RAYMOND G. CRAMER JR Phone #: (410) 297-2340 e-mail address: JShaw@gwstephens.com			
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. meters					
Actual Start <u>20:40</u> Stop <u>21:35</u>		GEOID99 Geoid Height meters		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, explain Weather observed at antenna ht. <input checked="" type="radio"/> Y <input type="radio"/> N Antenna ground plane used? <input checked="" type="radio"/> Y <input type="radio"/> N					
Receiver Brand & Model: <u>TRIMBLE 4800</u>  P/N: <u>32119-56</u> S/N: <u>0220160896</u> 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 radome used? <input checked="" type="radio"/> Y <input type="radio"/> N If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> Y <input type="radio"/> N Use Any obstructions above 10'? <input checked="" type="radio"/> Y <input type="radio"/> N Vis. form Radio interference source nearby <input checked="" type="radio"/> Y <input type="radio"/> 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: <u>SECO</u> P/N: S/N: <u>5119-00-Fly</u> Last Adjustment date: _____  Psychrometer (if used) Brand & Model:  P/N: S/N: Last Calibration or check Date: _____			** ANTENNA HEIGHT **		Before Session Begins: Meters      Feet		After Session Ends: Meters      Feet		
			A= Datum point to Top of Tripod (Tripod Height)		<div style="text-align: center;">2.00      6.562</div>		<div style="text-align: center;">2.00      6.562</div>		
			B= Additional offset to ARP if any (Tribrach/Spacer)		<div style="text-align: center;">0.00      0.00</div>		<div style="text-align: center;">0.00      0.00</div>		
			H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<div style="text-align: center;">2.00      6.562</div>		<div style="text-align: center;">2.00      6.562</div>		
Barometer (if used) Brand & Model:  S/N:			Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit   Celsius	WetBulb Temp Fahrenheit   Celsius	Rel. % Humidity	Atm. Pressure inches Hg   millibar
			Before	00000	20:40				
			Middle	00000	21:15				
			After	00000	21:35				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:  <div style="font-size: 1.5em; margin-top: 20px;">PICTURES #13414</div>									
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 checked="" 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	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, over 15 mph (24km/h)			
Examples:      00000 = No problem, good visibility, normal temp, clear, calm wind      12121 = Problems, poor visibility, hot, overcast, moderate wind									