

 <b>GPS STATION OBSERVATION LOG</b> April 16, 2003	Station Designation: (check applicable: ___ FBN___ CBN___ PAC___ SAC___ BM) <div style="text-align: center; font-size: 1.2em;">BLUE BALL</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3-13-2009</div>			
	General Location: 3213 Blue Ball Rd, North East MD 21901		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">BLUE</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):		Session ID:(A,B,C etc) <div style="text-align: center; font-size: 1.2em;">B</div>		
NAD83 Latitude <div style="text-align: center;">o       '       "</div>		NAD83 Longitude <div style="text-align: center;">o       '       "</div>		NAD83 Ellipsoidal Height <div style="text-align: center;">meters</div>		Agency Full Name: <div style="text-align: center; font-size: 1.2em;">G. W. Stephens, Jr. and Assoc.</div>		
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>		Operator Full Name: <div style="text-align: center; font-size: 1.2em;">JAMES SHAW</div>		
Actual Start <u>13:14</u> Stop <u>13:50</u>				GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Phone #: (       ) (410) 297-2340 e-mail address: JShaw@gwstephens.com		
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">TRIMBLE 4800</div>		Antenna Code*, Brand & Model:  P/N: _____ S/N: _____ Cable Length, 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)		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)		
<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.						
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: <u>5119-00-FLY</u> <u>2.0m</u> S/N: _____ Last Adjustment date: <u>3-12-2009</u>		<b>** ANTENNA HEIGHT **</b>		Before Session Begins: Meters      Feet		After Session Ends: Meters      Feet		
Psychrometer (if used) Brand & Model:  P/N: _____ S/N: _____ Last Calibration or check Date: _____		<b>A=</b> Datum point to Top of Tripod (Tripod Height)		2.000	6.562	2.000	6.562	
		<b>B=</b> Additional offset to ARP if any (Tribach/Spacer)		0.000	0.000	0.000	0.000	
		<b>H=</b> Antenna Height = <b>A + B</b>		2.000	6.562	2.000	6.562	
		<b>=</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. Be <b>Very Explicit</b> as to where and how Measured!						
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	01021	13:14	35°			
		Middle	01021	13:35				
		After	01020	13:50				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:          <div style="font-size: 0.8em;">           Weather codes are required. Weather data are optional but encouraged. *Antenna code comes from ant_info file furnished by project coordinator.         </div>								
Data File Name(s): (Standard NGS Format = aaaaddds.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:		
<b>Table of Weather Codes</b>	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								