

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) <div style="text-align: center; font-size: 1.2em;">BETHEL SPRINGS</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3/13/09</div>			
	General Location: 204 Bethel Springs Dr, North East MD 21901		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">BETH BISP</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;">D</div>		
NAD83 Latitude <div style="text-align: center; font-size: 1.2em;">0</div>		NAD83 Longitude <div style="text-align: center; font-size: 1.2em;">0</div>		NAD83 Ellipsoidal Height <div style="text-align: center; font-size: 1.2em;">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 <u>11:07</u> Stop <u>11:50</u> Actual Start <u>15:07</u> Stop <u>15:50</u>		Epoch Interval = ____ Seconds Elevation Mask = ____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center; font-size: 1.2em;">meters</div>		Operator Full Name: <div style="text-align: center; font-size: 1.2em;">Roy Miller</div>		
GEOID99 Geoid Height <div style="text-align: center; font-size: 1.2em;">meters</div>		Phone #: () <div style="text-align: center; font-size: 1.2em;">(410) 297-2340</div>		e-mail address: <div style="text-align: center; font-size: 1.2em;">JShaw@gwstephens.com</div>				
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">Trimble 5800</div>		Antenna Code*, Brand & Model: <div style="text-align: center; font-size: 1.2em;">P/N: 45145-46 S/N: 442314651</div>		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)		
<input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Cable Length, meters: 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: <u>SECO</u> P/N: <u>5119-00-F14</u> S/N: Last Adjustment date: <u>3-12-09</u>		** ANTENNA HEIGHT **		Before Session Begins: Meters Feet		After Session Ends: 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)		<div style="text-align: center; font-size: 1.2em;">2.000 6.562</div>		<div style="text-align: center; font-size: 1.2em;">2.000 6.562</div>		
		B = Additional offset to ARP if any (Tribrach/Spacer)		<div style="text-align: center; font-size: 1.2em;">0.000 0.000</div>		<div style="text-align: center; font-size: 1.2em;">0.000 0.000</div>		
		H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<div style="text-align: center; font-size: 1.2em;">2.000 6.562</div>		<div style="text-align: center; font-size: 1.2em;">2.000 6.562</div>		
		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)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar
		Before	01021	15:04				
		Middle	01021	15:30				
		After	01021	15:53				
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 = 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:	
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			