

 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;">3/24/09</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 BTSP</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;">DJ</div>					
NAD83 Latitude <div style="text-align: center;">0</div>		NAD83 Longitude <div style="text-align: center;">0</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> Operator Full Name: <div style="text-align: center; font-size: 1.2em;">JEFFREY W. HAY'S</div> Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com					
Observation Session Times (UTC): Sched. Start <u>21:00</u> Stop <u>21:35</u>		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>							
Actual Start <u>21:00</u> Stop <u>21:35</u>		GEOID99 Geoid Height <div style="text-align: center;">meters</div>									
Receiver Brand & Model: <div style="font-size: 1.2em;">TRIMBLE 4800</div> P/N: <u>32119-56</u> S/N: <u>0220160895</u> Firmware Version:		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="checkbox"/> (Y/N) Circle Antenna plumb after session? <input type="checkbox"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="checkbox"/> (Y/N) -If no, explain Antenna ground plane used? <input checked="" type="checkbox"/> (Y/N)		Antenna radome used? <input type="checkbox"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input type="checkbox"/> (Y/N) Use Any obstructions above 10"? <input type="checkbox"/> (Y/N) Use Radio interference source nearby <input checked="" type="checkbox"/> (Y/N) Vis. form					
Tripod or Antenna Mount: Check one: <input 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 FLY</u> S/N: Last Adjustment date: <u>3-23-09</u> 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)		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 6.526 ^{6.562}					
		Meters = Feet x (0.3048) Note &/or sketch ANY unusual conditions. Height Entered Into Receiver = _____ meters. 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	<u>00001</u>	<u>21:00</u>							
		Middle	<u>00010</u>	<u>21:17</u>							
		After	<u>00010</u>	<u>21:35</u>							
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <u>21:00 - 21:35</u>											
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 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											