

 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</div>		Station PID, if any: <div style="text-align: center; font-size: 1.2em;">JU3857</div>		Date (UTC): <div style="text-align: center; color: red;">3-11-2009</div>			
	General Location: 312 Bethel Cemetery Rd, Chesapeake City		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">BETH</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; color: red;">G</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; color: red;">JAMES SHAW</div> Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com		
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>				
Actual Start 19:18 Stop 19:55		GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Mask = _____ Degrees				
Receiver Brand & Model: <div style="text-align: center; color: red; font-size: 1.2em;">TRIMBLE 4800</div> P/N: 32119-56 S/N: 0220160895 Firmware Version: _____ <input type="checkbox"/> CamCorder Battery, <input checked="" 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="checkbox"/> (N) Circle Antenna plumb after session? <input checked="" type="checkbox"/> (N) Yes or No Antenna oriented to true North? <input checked="" type="checkbox"/> (N) -If no, Weather observed at antenna ht. <input checked="" type="checkbox"/> (N) explain Antenna ground plane used? (Y/N) "		Antenna radome used? (Y/N) If yes, Eccentric occupation (>0.5 mm)? (Y/N) describe. Any obstructions above 10°? <input checked="" type="checkbox"/> (N) Use Radio interference source nearby (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: SECO 2.0M P/N: _____ S/N: 5119-00-FLY/10P55 MAY 04 Last Adjustment date: _____		** 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: 3-9-2009		A= Datum point to Top of Tripod (Tripod Height)		<div style="text-align: center;">2.000 6.562</div>		<div style="text-align: center;">2.000 6.562</div>		
		B= Additional offset to ARP if any (Tribrach/Spacer)		<div style="text-align: center;">0.000 0.000</div>		<div style="text-align: center;">0.000 0.000</div>		
		H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<div style="text-align: center;">2.000 6.562</div>		<div style="text-align: center;">2.000 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	01021	19:18				
		Middle	01021	19:40				
		After	01021	19:55				
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 = 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								