

 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;">03.25.09</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>	Day of Year: <div style="text-align: center; color: red;">084</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; color: red;">F</div>			
NAD83 Latitude <div style="text-align: center;">0 ' "</div>		NAD83 Longitude <div style="text-align: center;">0 ' "</div>		NAD83 Ellipsoidal Height meters NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters			
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start <u>17:17</u> Stop <u>17:55</u>		Epoch Interval= <u>5</u> Seconds Elevation Mask = <u>10</u> Degrees		Agency Full Name: <div style="text-align: center;">G. W. Stephens, Jr. and Assoc.</div> Operator Full Name: <div style="text-align: center; color: red;">CHRISTOPHER R. TWILLEN</div> Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com			
Receiver Brand & Model: <div style="color: red;">TRIMBLE 5800</div> <div style="color: red;">45145-4G</div> P/N: <u>4423134751</u> S/N: Firmware Version:		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) "			
<input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		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) Any obstructions above 10'? <input checked="" type="radio"/> (Y) / <input type="radio"/> (N) Use Radio interference source nearby <input checked="" type="radio"/> (Y) / <input type="radio"/> (N) Vis. form			
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>SELO</u> S/N: Last Adjustment date:		** ANTENNA HEIGHT **		Before Session Begins: 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)		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 6.562			
		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	01011	17:17				
	Middle	01011	17:35				
	After	01011	17:55				
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) <small>where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension</small>				Updated Station Description: <input type="checkbox"/> Attached <input checked="" 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							