

 <b>GPS STATION OBSERVATION LOG</b> April 16, 2003	Station Designation: (check applicable: __ FBN__ CBN__ PAC__ SAC__ BM) <div style="text-align: center;"><b>BREWSER BREWSTER</b></div>		Station PID, if any:		Date (UTC): <div style="text-align: center;"><b>03-25-09</b></div>										
	General Location: <b>Brewster</b> opp 9 Brewser Bridge Rd, Elkton MD 21921		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center;"><b>BREW RICK</b></div>										
Project Name: <div style="text-align: center;"><b>CECIL COUNTY HMOD</b></div>			Project Number: <div style="text-align: center;"><b>GPS-</b></div>		Station Serial # (SSN): <div style="text-align: center;"><b>D</b></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: <b>G. W. Stephens, Jr. and Assoc.</b>									
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start <b>15:04</b> Stop <b>15:40</b>		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>		Operator Full Name: <b>RAYMOND G. CARMER JR.</b>									
GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Phone #: ( ) (410) 297-2340		e-mail address: <b>JShaw@gwstephens.com</b>											
Receiver Brand & Model: <b>TRIMBLE 4800</b>  P/N: <b>32119-56</b> S/N: <b>0226160896</b> Firmware Version:			Antenna Code*, Brand & Model:  P/N: S/N: Cable Length, meters:			Antenna plumb before session? (Y/N) <input checked="" type="checkbox"/> N Circle Antenna plumb after session? (Y/N) <input checked="" type="checkbox"/> N Yes or No Antenna oriented to true North? (Y/N) <input checked="" type="checkbox"/> N -If no, Weather observed at antenna ht. (Y/N) <input checked="" type="checkbox"/> N explain Antenna ground plane used? (Y/N) <input checked="" type="checkbox"/> 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? (Y/N) <input checked="" type="checkbox"/> N If yes, Eccentric occupation (>0.5 mm)? (Y/N) <input checked="" type="checkbox"/> N describe. Any obstructions above 10'? (Y/N) <input checked="" type="checkbox"/> N Use Radio interference source nearby (Y/N) <input checked="" type="checkbox"/> 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: <b>SECO</b> P/N: <b>5119-00-Fly</b> S/N: Last Adjustment date:				<b>** ANTENNA HEIGHT **</b>											
Psychrometer (if used) Brand & Model:  P/N: S/N: Last Calibration or check Date:				Before Session Begins: Meters Feet		After Session Ends: Meters Feet									
				<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 (Tribrach/Spacer)		0.000 0.000		0.000 0.000							
				<b>H=</b> 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 <b>ANY</b> unusual conditions. 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		00010		15:04									
		Middle		00010		15:20									
		After		00010		15:40									
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:  <div style="text-align: center; font-size: 1.2em;">PICTURES # 5+6</div>															
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:			
<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					