

 <b>GPS STATION OBSERVATION LOG</b> April 16, 2003	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM) <div style="text-align: center; font-size: 1.2em;">BUTTONWOOD</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">03.11.09</div>										
	General Location: <div style="text-align: center; font-size: 1.2em;">170 Buttonwood Beach Rd, Warwick MD</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">BTWD</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;">B</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> Operator Full Name: <div style="text-align: center; font-size: 1.2em;">CHRISTOPHER R. TWINE</div> Phone #: ( ) (410) 297-2340 e-mail address: JShaw@gwstephens.com									
Observation Session Times (UTC): Sched. Start <div style="text-align: center; font-size: 1.2em;">13:40</div> Stop <div style="text-align: center; font-size: 1.2em;">14:35</div>		Epoch Interval= <div style="text-align: center; font-size: 1.2em;">5</div> Seconds		NAVD88 Orthometric Ht. <div style="text-align: center; font-size: 1.2em;">meters</div>											
Actual Start <div style="text-align: center; font-size: 1.2em;">1:40 pm</div> Stop <div style="text-align: center; font-size: 1.2em;">2:35 pm</div>		GEOID99 Geoid Height <div style="text-align: center; font-size: 1.2em;">meters</div>													
Elevation Mask = <div style="text-align: center; font-size: 1.2em;">10</div> Degrees															
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">TRIMBLE 5800</div> <div style="text-align: center; font-size: 1.2em;">A51A5-46</div> P/N: S/N: <div style="text-align: center; font-size: 1.2em;">4423134751</div> 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, Weather observed at antenna ht. <input checked="" type="radio"/> (Y) <input type="radio"/> (N) explain Antenna ground plane used? <input checked="" type="radio"/> (Y) <input type="radio"/> (N) "		Antenna radome used? <input checked="" type="radio"/> (Y) <input type="radio"/> (N) If yes, Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y) <input type="radio"/> (N) describe. 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: <div style="text-align: center; font-size: 1.2em;">SELO</div> S/N: 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:		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 (Tribach/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 <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		02020		13:35 pm									
		Middle		02020		14:05 pm									
		After		02020		14:35 pm									
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="text-align: center; font-size: 1.2em; color: red;">13:35, 14:05, 14:35</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) <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 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					