

 <b>GPS STATION OBSERVATION LOG</b> April 16, 2003	Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) <div style="font-size: 1.2em; color: blue;">TRUMPH</div>		Station PID, if any: <div style="font-size: 1.2em; color: blue;">TRPH</div>		Date (UTC): <div style="font-size: 1.2em; color: blue;">3/25/09</div>										
	General Location: <div style="font-size: 1.2em; color: blue;">WB US 40, ELKTON, MD 21921 near mi 216.9</div>		Airport ID, if any:		Station 4-Character ID: <div style="font-size: 1.2em; color: blue;">TRPH</div>										
Project Name: <div style="font-size: 1.2em; color: red;">CECIL COUNTY HMON</div>		Project Number: <div style="font-size: 1.2em; color: blue;">GPS-</div>		Station Serial # (SSN):		Session ID: (A,B,C etc) <div style="font-size: 1.2em; color: red;">X D</div>									
NAD83 Latitude <div style="font-size: 1.2em; color: blue;">0</div>		NAD83 Longitude <div style="font-size: 1.2em; color: blue;">0</div>		NAD83 Ellipsoidal Height <div style="font-size: 1.2em; color: blue;">0</div> meters		Agency Full Name: <div style="font-size: 1.2em; color: blue;">G.W. STEPHENS, JR. &amp; ASSOC.</div> Operator Full Name: <div style="font-size: 1.2em; color: blue;">JEFFREY W. HAYS</div> Phone #: ( 910 ) 297-2340 e-mail address: <div style="font-size: 1.2em; color: blue;">jshaw@gwstephens.com</div>									
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds		NAVD88 Orthometric Ht. <div style="font-size: 1.2em; color: blue;">0</div> meters											
Actual Start <div style="font-size: 1.2em; color: blue;">15:00</div> Stop <div style="font-size: 1.2em; color: blue;">15:40</div>		Elevation <div style="font-size: 1.2em; color: blue;">0</div> meters		GEOID99 Geoid Height <div style="font-size: 1.2em; color: blue;">0</div> meters											
Mask = _____ Degrees		GEOID99 Geoid Height <div style="font-size: 1.2em; color: blue;">0</div> meters		e-mail address: <div style="font-size: 1.2em; color: blue;">jshaw@gwstephens.com</div>											
Receiver Brand & Model: <div style="font-size: 1.2em; color: blue;">TRIMBLE 5800</div> P/N: <div style="font-size: 1.2em; color: blue;">45145-46</div> S/N: <div style="font-size: 1.2em; color: blue;">4423134851</div> Firmware Version: _____		Antenna Code*, Brand & Model:  P/N: _____ S/N: _____ Cable Length, meters: _____		Antenna plumb before session? <input checked="" type="radio"/> (N) Circle Antenna plumb after session? <input checked="" type="radio"/> (N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (N) -If no, Weather observed at antenna ht. <input checked="" type="radio"/> (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="radio"/> (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: <div style="font-size: 1.2em; color: blue;">SEVO</div> P/N: <div style="font-size: 1.2em; color: blue;">5119-00 FLY</div> S/N: _____ Last Adjustment date: _____		<b>** ANTENNA HEIGHT **</b>		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="font-size: 1.2em; color: red;">2.000</div> <div style="font-size: 1.2em; color: red;">6.562</div>		<div style="font-size: 1.2em; color: red;">2.000</div> <div style="font-size: 1.2em; color: red;">6.562</div>									
		B= Additional offset to ARP if any (Tribrach/Spacer)		<div style="font-size: 1.2em; color: red;">0.000</div> <div style="font-size: 1.2em; color: red;">0.000</div>		<div style="font-size: 1.2em; color: red;">0.000</div> <div style="font-size: 1.2em; color: red;">0.000</div>									
		H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<div style="font-size: 1.2em; color: red;">2.000</div> <div style="font-size: 1.2em; color: red;">6.562</div>		<div style="font-size: 1.2em; color: red;">2.000</div> <div style="font-size: 1.2em; color: red;">6.562</div>									
		Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters.		Note &/or sketch ANY 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		<div style="font-size: 1.2em; color: blue;">00011</div>		<div style="font-size: 1.2em; color: blue;">15:00</div>									
		Middle		<div style="font-size: 1.2em; color: blue;">00011</div>		<div style="font-size: 1.2em; color: blue;">15:20</div>									
		After		<div style="font-size: 1.2em; color: blue;">00011</div>		<div style="font-size: 1.2em; color: blue;">15:40</div>									
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="font-size: 1.5em; color: blue; text-align: center; margin-top: 20px;">           MARKER SCRAPED            AT 15:20 BUBBLE A LITTLE OUT OF LEVEL            ROD OUT OF POINT <span style="border: 1px solid blue; border-radius: 50%; padding: 2px;">A</span> ROD POPPED IT BACK IN         </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 Observation Form: <input type="checkbox"/> Attached <input checked="" 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													