

 <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;"><i>SHAW 2008</i></div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;"><i>3/25/09</i></div>								
	General Location: <div style="text-align: center; font-size: 1.2em;"><i>MD. 279 CBELE HILL RD ELKTON, MD 21921</i></div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;"><i>SHAW</i></div>								
Project Name: <div style="text-align: center; font-size: 1.2em;"><i>CECIL COUNTY HMON</i></div>		Project Number: <div style="text-align: center; font-size: 1.2em;"><i>GPS-</i></div>		Station Serial # (SSN):		Session ID:(A,B,C etc) <div style="text-align: center; font-size: 1.2em;"><i>E</i></div>							
NAD83 Latitude <div style="text-align: center;">o</div>		NAD83 Longitude <div style="text-align: center;">o</div>		NAD83 Ellipsoidal Height <div style="text-align: center;">meters</div>		Agency Full Name: <div style="text-align: center; font-size: 1.2em;"><i>G.W. STEPHENS, JR &amp; ASSOC.</i></div> Operator Full Name: <div style="text-align: center; font-size: 1.2em;"><i>JEFFREY W. HAYS</i></div> Phone #: ( <i>410</i> ) <i>297-2340</i>  e-mail address: <i>jshaw@gwstephens.com</i>							
Observation Session Times (UTC): Sched. Start _____ Stop _____  Actual Start <i>14:05</i> Stop <i>16:40</i>		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>  GEOID99 Geoid Height <div style="text-align: center;">meters</div>									
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;"><i>TRIMBLE 5800</i></div> P/N: <i>95145-46</i> S/N: <i>4423134851</i> Firmware Version: _____			Antenna Code*, Brand & Model:  P/N: _____ S/N: _____ Cable Length, meters: _____  <input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other			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/ <input checked="" type="radio"/> N) "  Antenna radome used? (Y/ <input checked="" type="radio"/> N) If yes, Eccentric occupation (>0.5 mm)? (Y/ <input checked="" type="radio"/> N) describe. Any obstructions above 10°? <input checked="" type="radio"/> (N) Use Radio interference source nearby (Y/ <input checked="" type="radio"/> 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: <i>SELO</i> P/N: <i>5119-00 FLY</i> S/N: _____ Last Adjustment date: _____  Psychrometer (if used) Brand & Model:  P/N: _____ S/N: _____ Last Calibration or check Date: _____			** ANTENNA HEIGHT **			Before Session Begins: Meters      Feet		After Session Ends: Meters      Feet					
			A= Datum point to Top of Tripod (Tripod Height)			<i>2.000</i>		<i>6.562</i>		<i>2.000</i>		<i>6.562</i>	
			B=Additional offset to ARP if any (Tribrach/Spacer)			<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>	
			H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)			<i>2.000</i>		<i>6.562</i>		<i>2.000</i>		<i>6.562</i>	
			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	<i>00010</i>	<i>16:05</i>									
		Middle	<i>00011</i>	<i>16:23</i>									
		After	<i>00011</i>	<i>16:40</i>									
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 type="checkbox"/> Submitted earlier Visibility Obstruction 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:				
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													