

 <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;">SHAW 2008</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3-12-2009</div>			
	General Location: Airport ID, if any: <div style="text-align: center; font-size: 1.2em;">MD279 @ Belle Hill Rd, Elkton MD 21921</div>		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">SHAW</div>		Day of Year: <div style="text-align: center; font-size: 1.2em;">071</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;">D</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: <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;">JAMES SHAW</div> Phone #: ( ) (410) 297-2340 e-mail address: JShaw@gwstephens.com		
Observation Session Times (UTC): Sched. Start <u>14:34</u> Stop <u>15:20</u>		Epoch Interval= <u>      </u> Seconds Elevation <u>      </u> Degrees Mask = <u>      </u>		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>				
Actual Start <u>14:34</u> Stop <u>15:20</u>		GEOID99 Geoid Height <div style="text-align: center;">meters</div>						
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">TRIMBLE 4800</div> P/N: <u>32419-56</u> S/N: <u>0220160895</u> Firmware Version:		Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters:		Antenna plumb before session? <input checked="" type="checkbox"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="checkbox"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="checkbox"/> (Y/N) -If no, explain Weather observed at antenna ht. <input checked="" type="checkbox"/> (Y/N) Antenna ground plane used? <input checked="" type="checkbox"/> (Y/N)		Antenna radome used? <input type="checkbox"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input type="checkbox"/> (Y/N) Use Any obstructions above 10°? <input type="checkbox"/> (Y/N) Vis. form Radio interference source nearby <input type="checkbox"/> (Y/N)		
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Vehicle is Parked <u>      </u> meters <u>      </u> (direction) from antenna.						
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>SECO 2.0m</u> S/N: <u>5119-00-FLY</u> Last Adjustment date: <u>3-12-2009</u>		<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:		<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 = <u>      </u> meters. Be <b>Very Explicit</b> as to where and how Measured!		Note &/or sketch <b>ANY</b> unusual conditions.				
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	<u>00001</u>	<u>14:34</u>				
		Middle	<u>00001</u>	<u>14:55</u>				
		After	<u>00001</u>	<u>15:20</u>				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:								
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								