

 <b>GPS STATION OBSERVATION LOG</b> April 16, 2003	Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) <div style="text-align: center;">E 96</div>		Station PID, if any: <div style="text-align: center;">JV0155</div>		Date (UTC): <div style="text-align: center;">3-17-2009</div>			
	General Location: <span style="float: right;">Airport ID, if any:</span> <div style="text-align: center;">Mt Ararat Farm @ Frenchtown, Port Deposit</div>		Station 4-Character ID: <div style="text-align: center;">E096</div>		Day of Year: <div style="text-align: center;">076</div>			
Project Name: <div style="text-align: center;">CECIL COUNTY HMOD</div>			Project Number: <div style="text-align: center;">GPS-</div>		Station Serial # (SSN): 			
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: G. W. Stephens, Jr. and Assoc.		
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start <u>19:25</u> Stop <u>20:00</u>		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>		Operator Full Name: <div style="text-align: center;">JAMES SHAW</div>		
GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Phone #: ( ) _____ (410) 297-2340		e-mail address: JShaw@gwstephens.com		Session ID:(A,B,C etc) <div style="text-align: center;">I</div>		
Receiver Brand & Model: <div style="text-align: center;">TRIMBLE 4800</div>		Antenna Code*, Brand & Model: 		Antenna plumb before session? <input checked="" type="radio"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="radio"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (Y/N) -If no, Weather observed at antenna ht. <input checked="" type="radio"/> (Y/N) explain Antenna ground plane used? <input checked="" type="radio"/> (Y/N) "		Antenna radome used? <input checked="" type="radio"/> (Y/N) If yes, Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y/N) describe. Any obstructions above 10'? <input checked="" type="radio"/> (Y/N) Use Radio interference source nearby <input checked="" type="radio"/> (Y/N) Vis. form		
P/N: <u>32119-56</u> S/N: <u>0220160895</u> Firmware Version: _____ <input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		P/N: S/N: Cable Length, meters: Vehicle is Parked _____ meters _____ (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: <u>SECO 2.0m</u> P/N: S/N: <u>5119-00-FLY / 1DP55 MAY 04</u> Last Adjustment date: <u>3-17-2009</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 = <b>A + B</b> = Datum Point to Antenna Reference Point (ARP)		2.000      6.562		2.000      6.526	
			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	02011	19:25				
		Middle	02010	19:45				
		After	02010	20:00				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:          <div style="text-align: center; font-size: small;">           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) 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								