

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: __ FBN__ CBN__ PAC__ SAC__ BM) <div style="text-align: center; font-size: 1.2em;">GEORGES POINT</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;">368 Middleneck Rd, Warwick MD 21912</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">GEOP</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; 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>		
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center; font-size: 1.2em;">meters</div>		Operator Full Name: <div style="text-align: center; font-size: 1.2em;">RAYMOND G. CRAMER JR</div>		
Actual Start <u>16:10</u> Stop <u>16:45</u>		GEOID99 Geoid Height <div style="text-align: center; font-size: 1.2em;">meters</div>		Phone #: () <div style="text-align: center; font-size: 1.2em;">(410) 297-2340</div>		e-mail address: <div style="text-align: center; font-size: 1.2em;">JShaw@gwstephens.com</div>		
Receiver Brand & Model: <u>TRIMBLE</u> <div style="text-align: center; font-size: 1.2em;">4800</div>		Antenna Code*, Brand & Model: 		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, explain Weather observed at antenna ht. <input checked="" type="radio"/> (Y) / <input type="radio"/> (N) Antenna ground plane used? <input checked="" type="radio"/> (Y) / <input type="radio"/> (N)		Antenna radome used? <input type="radio"/> (Y) / <input checked="" type="radio"/> (N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y) / <input type="radio"/> (N) Use Any obstructions above 10°? <input checked="" type="radio"/> (Y) / <input type="radio"/> (N) Vis. form Radio interference source nearby <input checked="" type="radio"/> (Y) / <input type="radio"/> (N)		
P/N: <u>32119-56</u> S/N: <u>0220160896</u> Firmware Version:		P/N: S/N: Cable Length, meters:		Vehicle is Parked _____ meters _____ (direction) from antenna.				
<input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other								
Tripod or Antenna Mount: Check one: <input type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input checked="" type="checkbox"/> Fixed Mount Brand & Model: <u>SECO</u> P/N: <u>5119-00-FLY</u> 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)		2.000 6.562		2.000 6.562		
		B= Additional offset to ARP if any (Tribrach/Spacer)		0.000 0.000		0.000 0.000		
		H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		2.000 6.562		2.000 <u>6.562</u>		
		Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters. Be Very Explicit as to where and how Measured!		Note &/or sketch ANY 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>01010</u>	<u>16:10</u>				
		Middle	<u>01010</u>	<u>16:30</u>				
		After	<u>01011</u>	<u>16:45</u>				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="font-size: 1.5em; margin-top: 20px;"> Pictures # 15 + 16 </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 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:		
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			