

 GPS STATION OBSERVATION LOG 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;">TOPEKA</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3-17-2009</div>				
	General Location: 201 Connelly Rd, Rising Sun MD 21911		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">TOPE</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;">E</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: G. W. Stephens, Jr. and Assoc.			
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>		Operator Full Name: <div style="text-align: center; font-size: 1.2em;">JAMES SHAW</div>			
Actual Start <u>15:20</u> Stop <u>16:20</u>		Elevation <div style="text-align: center;">meters</div>		GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Phone #: () (410) 297-2340			
Mask = _____ Degrees				e-mail address: JShaw@gwstephens.com					
Receiver Brand & Model: <div style="font-size: 1.2em;">TRIMBLE 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			
P/N: <u>32119-56</u> S/N: <u>0220160895</u> Firmware Version:		P/N: S/N: Cable Length, meters:		Antenna oriented to true North? <input checked="" type="radio"/> Y <input type="radio"/> N -If no, explain		Antenna ground plane used? <input checked="" type="radio"/> Y <input type="radio"/> N "			
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Vehicle is Parked _____ meters _____ (direction) from antenna.		Antenna radome used? <input checked="" type="radio"/> Y <input 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			
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 / 1D P55 MAY 04</u> Last Adjustment date: <u>3-17-2009</u>			** 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 6.562		
			Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters.		Note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!				
Barometer (if used) Brand & Model: S/N:		Weather Data		Weather Codes		Time (UTC)		Dry-Bulb Temp Fahrenheit Celsius	
		Before		<u>02010</u>		<u>15:20</u>		<u>48°</u>	
		Middle		<u>02020</u>		<u>15:50</u>		<u>46°</u>	
		After		<u>02010</u>		<u>16:20</u>			
						WetBulb Temp Fahrenheit Celsius		Rel. % Humidity	
								<u>48%</u>	
								<u>85%</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:	
Table of Weather Codes		CODE		PROBLEM		VISIBILITY		TEMPERATURE	
		0		did not occur		Good, over 15 miles		Normal, 32° F- 80° F	
		1		did occur		Fair, 7-15 miles		Hot, over 80°F (27 C)	
		2		- not used -		Poor, under 7 miles		Cold, below 32° F (0 C)	
CLOUD COVER		WIND							
Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind									