

 <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;">JMT 21</div>		Station PID, if any: <div style="text-align: center; font-size: 1.2em;">DH8033</div>		Date (UTC): <div style="text-align: center; font-size: 1.2em;">03-25-09</div>										
	General Location: <div style="text-align: center; font-size: 1.2em;">1275 W Pulaski Hwy, Elkton MD 21921</div>		Airport ID, if any: <div style="text-align: center; font-size: 1.2em;">JMT1</div>		Day of Year: <div style="text-align: center; font-size: 1.2em;">084</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): <div style="text-align: center; font-size: 1.2em;">A</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 _____ Actual Start <u>12:00</u> Stop <u>12:45</u>		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>									
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:  P/N: _____ S/N: _____ Cable Length, meters: _____		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, explain Weather observed at antenna ht. <input checked="" type="radio"/> (Y/N) Antenna ground plane used? <input checked="" type="radio"/> (Y/N)		Antenna radome used? <input checked="" type="radio"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y/N) Use Any obstructions above 10°? <input checked="" type="radio"/> (Y/N) Vis. form Radio interference source nearby <input checked="" type="radio"/> (Y/N)									
<input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		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</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: _____			<b>A</b> = Datum point to Top of Tripod (Tripod Height)		<div style="text-align: center; font-size: 1.2em;">2.000 6.562</div>		<div style="text-align: center; font-size: 1.2em;">2.000 6.562</div>								
			<b>B</b> = Additional offset to ARP if any (Tribrach/Spacer)		<div style="text-align: center; font-size: 1.2em;">0.000 0.000</div>		<div style="text-align: center; font-size: 1.2em;">0.000 0.000</div>								
			<b>H</b> = Antenna Height = <b>A + B</b> = Datum Point to Antenna Reference Point (ARP)		<div style="text-align: center; font-size: 1.2em;">2.000 6.562</div>		<div style="text-align: center; font-size: 1.2em;">2.000 6.562</div>								
			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		00000		12:00									
		Middle		00000		12:25									
		After		00000		12:45									
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="text-align: center; font-size: 1.5em; margin-top: 20px;">           PICTURES A 1+2         </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 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					