


submitted to NGS must be converted to bluebook format.

 <b>GPS STATION OBSERVATION LOG</b> April 16, 2003	Station Designation: (check applicable: __ FBN__ CBN__ PAC__ SAC__ 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;">DH 8033</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. RULASKI HWY</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">JMT1</div>			
Project Name: <div style="text-align: center; font-size: 1.2em;">CECIL COUNTY HMOD</div>			Project Number: <div style="text-align: center; font-weight: bold;">GPS-</div>		Station Serial # (SSN): <div style="text-align: center; font-size: 1.2em;">084</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;">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;">meters</div>		Operator Full Name: <div style="text-align: center;">RAYMOND G. CRAMER JR</div>		
Actual Start <u>12:46</u> Stop <u>13:40</u>				GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Phone #: <u>(410) 297-2340</u> e-mail address: <u>JShaw@gwstephens.com</u>		
Receiver Brand & Model: <u>TRIMBLE</u> <div style="text-align: center; font-size: 1.2em;">4800</div>  P/N: <u>32119-56</u> S/N: <u>0220160896</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, Weather observed at antenna ht. <input checked="" type="checkbox"/> (Y/N) explain Antenna ground plane used? <input checked="" type="checkbox"/> (Y/N) "  Antenna radome used? <input checked="" type="checkbox"/> (Y/N) If yes, Eccentric occupation (>0.5 mm)? <input checked="" type="checkbox"/> (Y/N) describe. Any obstructions above 10°? <input checked="" type="checkbox"/> (Y/N) Use Radio interference source nearby <input checked="" type="checkbox"/> (Y/N) Vis. form				
<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>5112-00-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;">2.00    6.562</div>		<div style="text-align: center; font-size: 1.2em;">2.00    6.562</div>		
		<b>B=</b> Additional offset to ARP if any (Tribrach/Spacer)		<div style="text-align: center; font-size: 1.2em;">0.00    0.00</div>		<div style="text-align: center; font-size: 1.2em;">0.00    0.00</div>		
		<b>H=</b> Antenna Height = <b>A + B</b> <b>=</b> Datum Point to Antenna Reference Point (ARP)		<div style="text-align: center; font-size: 1.2em;">2.00    6.562</div>		<div style="text-align: center; font-size: 1.2em;">2.00    6.562</div>		
		Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters.						
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	12:46				
		Middle	00000	13:20				
		After	00000	13:40				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:  <div style="font-size: 1.5em; text-align: center;">PICTURES # 1 &amp; 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 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  0  1  2	PROBLEM  did not occur  did occur  - not used -	VISIBILITY  Good, over 15 miles  Fair, 7-15 miles  Poor, under 7 miles	TEMPERATURE  Normal, 32° F- 80° F  Hot, over 80°F (27 C)  Cold, below 32° F (0 C)	CLOUD COVER  Clear, below 20%  Cloudy, 20% to 70%  Overcast, over 70%	WIND  Calm, under 5mph (8km/h)  Moderate, 5 to 15 mph  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								