


NOTE: This form intended for field use. Unsolicited data submitted to NGS must be converted to bluebook format.

 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;">JMT 03</div>		Station PID, if any: <div style="text-align: center; font-size: 1.2em;">DH8015</div>	Date (UTC): <div style="text-align: center; font-size: 1.2em;">3-23-09</div>				
	General Location: <div style="text-align: center; font-size: 1.2em;">1696 Perryville Rd, Perryville MD 21903 HS</div>		Airport ID, if any: <div style="text-align: center; font-size: 1.2em;">JM03</div>	Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">82</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;">D</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>				
Observation Session Times (UTC): Sched. Start 11:05 Stop 11:45 Actual Start 15:05 Stop 15:45		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>				
GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Agency Full Name: G.W. Stephens, Jr and Assoc. Operator Full Name: Roy Miller Phone #: () 410-297-2340 e-mail address: JSHAW@GWSStephens.com						
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">Trimble 5800</div> P/N: 45145-46 S/N: 4423134651 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, explain Weather observed at antenna ht. <input checked="" type="checkbox"/> (Y/N) Antenna ground plane used? <input checked="" type="checkbox"/> (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.		Antenna radome used? <input checked="" type="checkbox"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="checkbox"/> (Y/N) Any obstructions above 10°? <input checked="" type="checkbox"/> (Y/N) Use Radio interference source nearby <input checked="" type="checkbox"/> (Y/N) Vis. form				
Tripod or Antenna Mount: Check one: <input type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: SECO P/N: 5119-00-FLY S/N: _____ Last Adjustment date: _____		** ANTENNA HEIGHT **		Before Session Begins: 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				
		B= Additional offset to ARP if any (Tribrach/Spacer)		0.000 0.000				
		H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		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 Before Middle After	Weather Codes 00001 00001 00001	Time (UTC) 15:03 15:30 15:47	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="text-align: center;"> 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 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								