


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

 <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;">NEW CNT</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">03-26-09</div>										
	General Location: <div style="text-align: center; font-size: 1.2em;">404 MILL LANE, EARLEVILLE MD 21919</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">NEWC</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. Operator Full Name: RAYMOND G. CRAMER JR Phone #: (410) 297-2340 e-mail address: jshaw@gwstephens.com									
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>											
Actual Start 16:00 Stop 16:35		GEOID99 Geoid Height <div style="text-align: center;">meters</div>													
Receiver Brand & Model: TRIMBLE 4800  P/N: 32119-56 S/N: 0220160896 Firmware Version:  <input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Antenna Code*, Brand & Model:  P/N: S/N: Cable Length, meters:  Vehicle is Parked _____ meters _____ (direction) from antenna.		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, Weather observed at antenna ht. <input checked="" type="radio"/> Y <input type="radio"/> N explain Antenna ground plane used? <input checked="" type="radio"/> Y <input type="radio"/> N "  Antenna radome used? <input checked="" type="radio"/> Y <input type="radio"/> N If yes, Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> Y <input type="radio"/> N describe. Any obstructions above 10'? <input checked="" type="radio"/> Y <input type="radio"/> N Use Radio interference source nearby <input checked="" type="radio"/> Y <input type="radio"/> N Vis. form											
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: SECO P/N: 5119-00-FLY S/N: Last Adjustment date:  Psychrometer (if used) Brand & Model:  P/N: S/N: Last Calibration or check Date:		** ANTENNA HEIGHT **		Before Session Begins: Meters      Feet		After Session Ends: Meters      Feet									
		A= Datum point to Top of Tripod (Tripod Height)		2.00      6.562		2.00      6.562									
		B= Additional offset to ARP if any (Tribrach/Spacer)		0.00      0.00		0.00      0.00									
		H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		2.00      6.562		2.00      6.562									
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		01020		16:00									
		Middle		01020		16:20									
		After		01020		16:35									
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:  <div style="text-align: center; font-size: 1.5em; margin-top: 20px;">PICTURES # 9410</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:					
<b>Table of Weather Codes</b>		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					