


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;">TOWN POINT</div>		Station PID, if any:		Date (UTC): <div style="text-align: center;">05.28.09</div>								
	General Location: <div style="text-align: center;">1400 TOWN PT RD, CHEAPEAKE CITY MD 21915</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center;">TOWN</div>								
Project Name: <div style="text-align: center;">CECIL COUNTY HMOD</div>			Project Number: <div style="text-align: center;">GPS-</div>		Station Serial # (SSN): <div style="text-align: center;">198</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 _____ Stop _____ Actual Start 13:00 Stop 13:35		Epoch Interval = 5 Seconds Elevation Mask = 10 Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>									
Receiver Brand & Model: <div style="text-align: center;">TRIMBLE 5800</div>		Antenna Code*, Brand & Model: <div style="text-align: center;">P/N: 45145-A4 S/N: 4423134751 Firmware Version:</div>		Agency Full Name: <div style="text-align: center;">G.W.S.</div> Operator Full Name: <div style="text-align: center;">CHRISTOPHER B. TULLER</div> Phone #: () e-mail address:									
<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 plumb before session? <input checked="" type="radio"/> Y <input type="radio"/> N Circle Yes or No Antenna plumb after session? <input checked="" type="radio"/> Y <input type="radio"/> N -If no, explain Antenna oriented to true North? <input checked="" type="radio"/> Y <input type="radio"/> N Weather observed at antenna ht. <input checked="" type="radio"/> Y <input type="radio"/> N 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, 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 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: <div style="text-align: center;">SECO 2.0M</div> P/N: <div style="text-align: center;">5119-FM4</div> S/N: Last Adjustment date: 05.27.09			** ANTENNA HEIGHT **										
Psychrometer (if used) Brand & Model: <div style="text-align: center;">P/N: S/N: Last Calibration or check Date:</div>			Before Session Begins: Meters Feet		After Session Ends: Meters Feet								
			A= Datum point to Top of Tripod (Tripod Height) 2.000										
			B= Additional offset to ARP if any (Tribrach/Spacer)										
			H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)										
Barometer (if used) Brand & Model: <div style="text-align: center;">S/N:</div>			Note &/or sketch ANY unusual conditions. Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters. Be Very Explicit as to where and how Measured!										
Weather Data		Weather Codes		Time (UTC)		Dry-Bulb Temp Fahrenheit Celsius		WetBulb Temp Fahrenheit Celsius		Rel. % Humidity		Atm. Pressure inches Hg millibar	
Before		02020		13:00									
Middle		02020		13:15									
After		02020		13:35									
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="text-align: center;">LIFTING FOL</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) <small>where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension</small>						Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Visibility Obstruction Form: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Photographs of Station: <input 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, over15 mph (24km/h)	
Examples:		00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind											