


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

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: __ FBN__ CBN__ PAC__ SAC__ BM) <div style="text-align: center; font-size: 1.2em;">CITY</div>		Station PID, if any: <div style="text-align: center; font-size: 1.2em;">A1799Z</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;">419 HEMPHILL ST, CHESAPEAKE CITY, MD</div>		Airport ID, if any: <div style="text-align: center; font-size: 1.2em;">CITY</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;">6</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>18:13</u> Stop <u>19:00</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 #: (410) 297-2340 e-mail address: <u>Jshwa@gnstephens.com</u>								
Receiver Brand & Model: <u>TRIMBLE 4800</u> P/N: <u>32119-56</u> S/N: <u>0220160896</u> 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: _____ <input type="checkbox"/> Vehicle is Parked _____ meters _____ (direction) from antenna.			Antenna plumb before session? (Y/N) <u>(Y)</u> <u>(N)</u> Circle Antenna plumb after session? (Y/N) <u>(Y)</u> <u>(N)</u> Yes or No Antenna oriented to true North? (Y/N) <u>(Y)</u> <u>(N)</u> -If no, explain Weather observed at antenna ht. (Y/N) <u>(Y)</u> <u>(N)</u> " " Antenna ground plane used? (Y/N) <u>(Y)</u> <u>(N)</u> " " Antenna radome used? (Y/N) <u>(Y)</u> <u>(N)</u> If yes, describe. Eccentric occupation (>0.5 mm)? (Y/N) <u>(Y)</u> <u>(N)</u> Use Any obstructions above 10'? (Y/N) <u>(Y)</u> <u>(N)</u> Vis. form Radio interference source nearby (Y/N) <u>(Y)</u> <u>(N)</u>								
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: _____ 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)		<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= Additional offset to ARP if any (Tribach/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>							
			H= Antenna Height = A + 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. Be Very Explicit 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	00011	18:13									
			Middle	00011	18:40									
			After	00011	19:00									
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="font-size: 1.5em; margin-top: 20px;">PICTURES # 11 & 12</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 checked="" 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	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														