

 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;">GREYSTONE</div>		Station PID, if any:		Date (UTC): <div style="text-align: center;">03.13.09</div>											
	General Location:		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">GREY</div>											
Lot 21 Frank Crane Dr, North East MD 21901						Day of Year: <div style="text-align: center; color: red;">072</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; color: red;">C</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> Operator Full Name: <div style="text-align: center;">CHRISTOPHER R. TWINE</div> Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com										
Observation Session Times (UTC): Sched. Start Stop <div style="text-align: center; color: red;">19:05 19:50</div>		Epoch Interval = 5 Seconds Elevation Mask = 10 Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>												
Actual Start Stop <div style="text-align: center; color: red;">2:05 pm 2:50 pm</div>		GEOID99 Geoid Height <div style="text-align: center;">meters</div>														
Receiver Brand & Model: <div style="text-align: center;">Trimble 5800 45145-AU</div> P/N: 4423134751 S/N: 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/N) Circle Antenna plumb after session? <input checked="" type="radio"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (Y/N) -If no, Weather observed at antenna ht. <input checked="" type="radio"/> (Y/N) explain Antenna ground plane used? <input checked="" type="radio"/> (Y/N) " Antenna radome used? <input checked="" type="radio"/> (Y/N) If yes, Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y/N) describe. Any obstructions above 10'? <input checked="" type="radio"/> (Y/N) Use Radio interference source nearby <input checked="" type="radio"/> (Y/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: P/N: S/N: SELO 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)		2.000 6.562		2.000 6.562									
			B= Additional offset to ARP if any (Tribrach/Spacer)		0.000 0.000		0.000 0.000									
			H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		2.000 6.562		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		Weather Codes		Time (UTC)		Dry-Bulb Temp Fahrenheit Celsius		WetBulb Temp Fahrenheit Celsius		Rel. % Humidity		Atm. Pressure inches Hg millibar		
		Before		01021		19:05 pm										
		Middle		01021		19:25 pm										
		After		01021		19:50 pm										
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: 19:05, 19:25, 19:50																
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	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														