

 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;">GREENFIELD</div>		Station PID, if any:		Date (UTC): <div style="text-align: center;">03.17.09</div>										
	General Location: <div style="text-align: center;">68 Chads Way, Rising Sun MD 21911</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center;">GRFD</div>										
Project Name: <div style="text-align: center;">CECIL COUNTY HMOD</div>			Project Number: <div style="text-align: center;">GPS-</div>		Station Serial # (SSN):										
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.									
Observation Session Times (UTC): Sched. Start <u>16:40</u> Stop _____ Actual Start <u>4:40pm</u> Stop <u>17:15</u>		Epoch Interval = <u>5</u> Seconds Elevation Mask = <u>10</u> Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>		Operator Full Name: CHRISTOPHER R. TWINE									
				GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com									
Receiver Brand & Model: Trimble 5800 45145-46 P/N: 4423134751 S/N: Firmware Version:			Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters:			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, explain 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) "									
<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 type="radio"/> (Y) / <input checked="" type="radio"/> (N) If yes, describe. Eccentric occupation (>0.5 mm)? <input type="radio"/> (Y) / <input checked="" type="radio"/> (N) Use Any obstructions above 10°? <input checked="" type="radio"/> (Y) / <input type="radio"/> (N) Vis. form Radio interference source nearby <input type="radio"/> (Y) / <input checked="" type="radio"/> (N)									
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: <u>SECO</u> Last Adjustment date:				** ANTENNA HEIGHT **				Before Session Begins: Meters Feet		After Session Ends: 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		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		02021		16:40pm									
		Middle		01011		16:55pm									
		After		01011		17:15pm									
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <u>16:40, 16:55, 17:15</u>															
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 Examples:		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)			
00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind															