

 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; font-size: 1.2em;">PERRY 2008</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">03.18.09</div>														
	General Location: <div style="text-align: center;">Perryville Comm. Park, Perryville MD 21903</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">PERR</div> Day of Year: <div style="text-align: center; font-size: 1.2em;">077</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;">B</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; font-size: 1.2em;">G. W. Stephens, Jr. and Assoc.</div> Operator Full Name: <div style="text-align: center; font-size: 1.2em;">CHRISTOPHER R. TWINE</div> Phone #: () (410) 297-2340 e-mail address: <div style="text-align: center;">JShaw@gwstephens.com</div>													
Observation Session Times (UTC): Sched. Start <div style="text-align: center;">13:10</div> Stop <div style="text-align: center;">13:45</div>		Epoch Interval = <div style="text-align: center;">5</div> Seconds Elevation <div style="text-align: center;">Mask = 10 Degrees</div>		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>															
Actual Start <div style="text-align: center;">1:10pm</div> Stop <div style="text-align: center;">1:45pm</div>		GEOID99 Geoid Height <div style="text-align: center;">meters</div>																	
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">TRIMBLE 5800</div> <div style="text-align: center; font-size: 1.2em;">45145-44</div> P/N: <div style="text-align: center; font-size: 1.2em;">4423134751</div> S/N: Firmware Version:			Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters:			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, explain Weather observed at antenna ht. <input checked="" type="radio"/> (Y/N) Antenna ground plane used? <input checked="" type="radio"/> (Y/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 checked="" type="radio"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y/N) Use Any obstructions above 10°? <input checked="" type="radio"/> (Y/N) 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: <div style="text-align: center;">5800</div> S/N: 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									
				B= Additional offset to ARP if any (Tribrach/Spacer)				0.000		0.000		0.000							
				H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)				2.000		6.562		2.000							
				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		02020		13:10 pm											
				Middle		02020		13:25 pm											
				After		02020		13:45 pm											
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="text-align: center; font-size: 1.5em; color: red;">13:10, 13:25, 13:45</div> <div style="text-align: center; font-size: 1.2em; color: blue;">"DENSE FOG"</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 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																	