

 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;">CASSIDY</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3-26-09</div>		
	General Location: <div style="text-align: center; font-size: 1.2em;">1415 Grove Neck Rd, Barkville MD 21919</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">CASS</div> Day of Year: <div style="text-align: center; font-size: 1.2em;">85</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;">H</div>	
NAD83 Latitude <div style="text-align: center;">o</div>		NAD83 Longitude <div style="text-align: center;">o</div>		NAD83 Ellipsoidal Height <div style="text-align: center;">meters</div>		Agency Full Name: Operator Full Name: <div style="text-align: center; font-size: 1.2em;">Roy Miller</div> Phone #: (410) 297-2340 e-mail address: <div style="text-align: center; font-size: 1.2em;">jsaha@GWS Stephens.com</div>	
Observation Session Times (UTC): Sched. Start <div style="text-align: center; font-size: 1.2em;">2:43</div> Stop <div style="text-align: center; font-size: 1.2em;">3:25</div> Actual Start <div style="text-align: center; font-size: 1.2em;">18:43</div> Stop <div style="text-align: center; font-size: 1.2em;">19:25</div>		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</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> P/N: <div style="text-align: center; font-size: 1.2em;">45145-46</div> S/N: <div style="text-align: center; font-size: 1.2em;">4423134651</div> Firmware Version:		Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters:		Antenna plumb before session? <input checked="" type="checkbox"/> (N) Circle Antenna plumb after session? <input checked="" type="checkbox"/> (N) Yes or No Antenna oriented to true North? <input checked="" type="checkbox"/> (N) -If no, explain Weather observed at antenna ht. <input checked="" type="checkbox"/> (N) Antenna ground plane used? <input checked="" type="checkbox"/> (Y) <input checked="" type="checkbox"/> (N)		Antenna radome used? <input checked="" type="checkbox"/> (Y) <input checked="" type="checkbox"/> (N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="checkbox"/> (Y) <input checked="" type="checkbox"/> (N) Use Any obstructions above 10'? <input checked="" type="checkbox"/> (Y) <input checked="" type="checkbox"/> (N) Vis. form Radio interference source nearby <input checked="" type="checkbox"/> (Y) <input checked="" type="checkbox"/> (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.					
Tripod or Antenna Mount: Check one: <input type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: <div style="text-align: center; font-size: 1.2em;">5800</div> P/N: <div style="text-align: center; font-size: 1.2em;">5119-00-FLY</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) B= Additional offset to ARP if any (Tribach/Spacer) H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP) Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters.		<div style="text-align: center; font-size: 1.2em;">2.000 6.562 2.000 6.562</div>		<div style="text-align: center; font-size: 1.2em;">2.000 6.562 2.000 6.562</div>	
Barometer (if used) Brand & Model: S/N:		Weather Data Before Middle After		Weather Codes <div style="text-align: center; font-size: 1.2em;">02020 02020 02020</div>		Time (UTC) <div style="text-align: center; font-size: 1.2em;">18:41 19:03 19:25</div>	
		Dry-Bulb Temp Fahrenheit Celsius		Wet Bulb Temp Fahrenheit Celsius		Rel. % Humidity	
		Atm. Pressure inches Hg millibar					
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="font-size: 1.5em; margin-top: 20px;">RAIN</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 type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Visibility Obstruction Form: <input type="checkbox"/> Attached <input checked="" 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							