

 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;">SANDY BOTTOM</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3-9-2009</div>																													
	General Location: Airport ID, if any: <div style="text-align: center; font-size: 1.2em;">60 Knight House Ln, Earleville MD 21919</div>		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">SNDY</div>		Day of Year: <div style="text-align: center; font-size: 1.2em;">068</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;">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; font-size: 1.2em;">G. W. Stephens, Jr. and Assoc.</div>																												
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start <u>15:12</u> Stop <u>16:05</u>		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>		Operator Full Name: <div style="text-align: center; font-size: 1.2em;">JAMES SHAW</div>																												
GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Phone #: () (410) 297-2340		e-mail address: JShaw@gwstephens.com																														
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">TRIMBLE 4800</div>			Antenna Code*, Brand & Model: <div style="text-align: center;">P/N: _____ S/N: _____</div>			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) "																												
P/N: <u>32119-56</u> S/N: <u>0220160895</u> Firmware Version: _____ <input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other			Cable Length, meters: _____ 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 type="radio"/> (Y) <input checked="" 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: <u>SECO 2.0m</u> P/N: <u>5119-00-FLY</u> S/N: _____ Last Adjustment date: _____			** ANTENNA HEIGHT **		Before Session Begins: Meters Feet		After Session Ends: Meters Feet																											
Psychrometer (if used) Brand & Model: <div style="text-align: center;">P/N: _____ S/N: _____</div> 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 (Tribach/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 6.526																											
			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: <div style="text-align: center;">S/N: _____</div>		Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar																										
		Before	01011	15:12																														
		Middle	01012	15:40																														
		After	00012	16:05																														
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="font-size: 0.8em;"> Weather codes are required. Weather data are optional but encouraged. *Antenna code comes from ant_info file furnished by project coordinator. </div>																																		
Data File Name(s): (Standard NGS Format = aaaaaddss.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 border="1" style="width:100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th style="width:10%;">Table of</th> <th style="width:10%;">CODE</th> <th style="width:15%;">PROBLEM</th> <th style="width:15%;">VISIBILITY</th> <th style="width:15%;">TEMPERATURE</th> <th style="width:15%;">CLOUD COVER</th> <th style="width:20%;">WIND</th> </tr> <tr> <td rowspan="3" style="text-align: center; font-weight: bold;">Weather Codes</td> <td style="text-align: center;">0</td> <td>did not occur</td> <td>Good, over 15 miles</td> <td>Normal, 32° F- 80° F</td> <td>Clear, below 20%</td> <td>Calm, under 5mph (8km/h)</td> </tr> <tr> <td style="text-align: center;">1</td> <td>did occur</td> <td>Fair, 7-15 miles</td> <td>Hot, over 80°F (27 C)</td> <td>Cloudy, 20% to 70%</td> <td>Moderate, 5 to 15 mph</td> </tr> <tr> <td style="text-align: center;">2</td> <td>- not used -</td> <td>Poor, under 7 miles</td> <td>Cold, below 32° F (0 C)</td> <td>Overcast, over 70%</td> <td>Strong, over 15 mph (24km/h)</td> </tr> </table>									Table of	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND	Weather Codes	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)
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Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind																																		