

 <b>GPS STATION OBSERVATION LOG</b> 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;">STEEPLECHASE</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">03-24-09</div>																													
	General Location: <div style="text-align: center; font-size: 1.2em;">356 FAIR HILL DR, ELKTON MD 21921 OPP CHURCH</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">STEE</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;">#</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;">RAYMOND G. CRAMER JR.</div> Phone #: (410) 297-2340  e-mail address: jshaw@gwstephens.com																												
Observation Session Times (UTC): Sched. Start _____ Stop _____  Actual Start <u>18:22</u> Stop <u>19:20</u>		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: <u>Trimble 4800</u>  P/N: <u>32119-56</u> S/N: <u>0220160896</u> 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 <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  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 Any obstructions above 10°? <input checked="" type="radio"/> Y <input type="radio"/> N Use Radio interference source nearby <input type="radio"/> Y <input checked="" type="radio"/> 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: <u>SECO</u> P/N: <u>5119-00-FLY</u> S/N: _____ Last Adjustment date: _____		<b>** ANTENNA HEIGHT **</b>		Before Session Begins: <div style="display: flex; justify-content: space-around;"> <div>Meters</div> <div>Feet</div> </div>																														
Psychrometer (if used) Brand & Model:  P/N: _____ S/N: _____ Last Calibration or check Date: _____		A= Datum point to Top of Tripod (Tripod Height)		<div style="display: flex; justify-content: space-around;"> <div>2.00</div> <div>6.562</div> </div>																														
		B= Additional offset to ARP if any (Tribrach/Spacer)		<div style="display: flex; justify-content: space-around;"> <div>0.00</div> <div>0.00</div> </div>																														
		H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<div style="display: flex; justify-content: space-around;"> <div>2.00</div> <div>6.562</div> </div>																														
		Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters. Be <b>Very Explicit</b> as to where and how Measured!		Note &/or sketch <b>ANY</b> unusual conditions.																														
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	00000	18:22																														
		Middle	00000	19:00																														
		After	00000	19:20																														
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:  <div style="font-size: 1.5em; margin-top: 20px;">PICTURES #11+12</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 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 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; vertical-align: middle;"><b>Weather Codes</b></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	<b>Weather Codes</b>	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																																		