

 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;">BROWSER BREWSTER</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">03.12.09</div>																												
	General Location: <div style="text-align: center; font-size: 1.2em;">Brewster</div> opp 9 Brewster Bridge Rd, Elkton MD 21921		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">BREW RICK</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;">G</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 <div style="text-align: center;">18:40</div> Stop <div style="text-align: center;">19:25</div>		Epoch Interval = <div style="text-align: center;">5</div> Seconds Elevation Mask = <div style="text-align: center;">10</div> Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>		Operator Full Name: <div style="text-align: center; font-size: 1.2em;">CHRISTOPHER R. TURNER</div>																											
Actual Start <div style="text-align: center;">6:40pm</div> Stop <div style="text-align: center;">7:25pm</div>		GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Phone #: () <div style="text-align: center;">(410) 297-2340</div>		e-mail address: <div style="text-align: center;">JShaw@gwstephens.com</div>																											
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">TRIMBLE 5300</div> <div style="text-align: center; font-size: 1.2em;">45145 - 46</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) Vis. form Radio interference source nearby <input checked="" type="radio"/> (Y/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: <div style="text-align: center; font-size: 1.2em;">SECO</div> S/N: Last Adjustment date:				** ANTENNA HEIGHT **		Before Session Begins: 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 (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 6.562																											
				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)																											
		Before <div style="text-align: center;">01011</div> <div style="text-align: center;">18:40 pm</div>		<div style="text-align: center;">Dry-Bulb Temp</div> <div style="text-align: center;">Fahrenheit Celsius</div>		<div style="text-align: center;">WetBulb Temp</div> <div style="text-align: center;">Fahrenheit Celsius</div>																											
		Middle <div style="text-align: center;">01021</div> <div style="text-align: center;">19:00 pm</div>		<div style="text-align: center;">Rel. % Humidity</div>		<div style="text-align: center;">Atm. Pressure</div> <div style="text-align: center;">inches Hg millibar</div>																											
		After <div style="text-align: center;">01021</div> <div style="text-align: center;">19:25 pm</div>																															
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="text-align: right; font-size: 1.2em; color: red;">↖ 18:40, 19:00, 19:25</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 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;"> <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;">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																																	