

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: __ FBN__ CBN__ PAC__ SAC__ BM) <div style="text-align: center; font-size: 1.2em;">MELTZ</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3-9-2009</div>																												
	General Location: <div style="text-align: center; font-size: 1.2em;">234 Joe Meltz Rd, Warwick MD 21912</div>		Airport ID, if any: <div style="text-align: center; font-size: 1.2em;">MELT</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;">A</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>13:23</u> Stop <u>14:05</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 #: () _____ <div style="text-align: center; font-size: 1.2em;">(410) 297-2340</div>		e-mail address: <u>JShaw@gwstephens.com</u>																											
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">TRIMBLE 4800</div>			Antenna Code*, Brand & Model: <div style="text-align: center; font-size: 1.2em;">P/N: 32119-56 S/N: 0220160895 Firmware Version: _____</div>			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 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 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: <u>SECO 2.0m</u> P/N: <u>5119-00-FLY</u> S/N: _____ Last Adjustment date: <u>3-9-2009</u>				** 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 (Tribrach/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 <u>6.562</u>																											
				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		02000		13:23																											
		Middle		01001		13:45																											
		After		01001		14:05																											
Dry-Bulb Temp Fahrenheit Celsius WetBulb Temp Fahrenheit Celsius Rel. % Humidity Atm. Pressure inches Hg millibar																																	
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:																																	
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; 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																																	