

 <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;"><b>AMPHITHEATER</b></div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;"><b>5/28/09</b></div>																												
	General Location: <div style="text-align: center; font-size: 1.2em;"><b>3181 TURKEY PT. RD. NORTH EAST MD. 21901</b></div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;"><b>AMPH</b></div>																												
Project Name: <div style="text-align: center; font-size: 1.2em;"><b>CECIL COUNTY HMOD</b></div>			Project Number: <div style="text-align: center; font-size: 1.2em;"><b>GPS-</b></div>		Station Serial # (SSN): <div style="text-align: center; font-size: 1.2em;"><b>14A</b></div>																												
NAD83 Latitude <div style="text-align: center;">°</div>		NAD83 Longitude <div style="text-align: center;">°</div>		NAD83 Ellipsoidal Height meters																													
Observation Session Times (UTC): Sched. Start <b>8:30</b> Stop <b>9:35</b> Actual Start <b>12:30</b> Stop <b>13:35</b>		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters																													
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;"><b>TRIMBLE 5800</b></div> P/N: <b>45145-46</b> S/N: <b>4423134651</b> Firmware Version: _____			Antenna Code*, Brand & Model: P/N: _____ S/N: _____ Cable Length, meters: _____ Vehicle is Parked _____ meters _____ (direction) from antenna.																														
Agency Full Name: <b>G.W. STEPHENS JR. &amp; ASSOC</b> Operator Full Name: <b>WILLIAM A-JERIC</b> Phone #: <b>(410) 297 2340</b> e-mail address: _____			Antenna plumb before session? <input checked="" type="radio"/> (N) Circle Antenna plumb after session? <input checked="" type="radio"/> (N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (N) -If no, Weather observed at antenna ht. <input checked="" type="radio"/> (N) explain 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			Antenna radome used? <input checked="" type="radio"/> (Y) (N) If yes, Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y) (N) describe. Any obstructions above 10°? <input checked="" type="radio"/> (Y) (N) Use Radio interference source nearby <input checked="" type="radio"/> (Y) (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: <b>SECO</b> P/N: _____ S/N: <b>5119-00-FLY</b> Last Adjustment date: _____			<div style="text-align: center; font-weight: bold; font-size: 1.2em;">** ANTENNA HEIGHT **</div> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th colspan="2">Before Session Begins:</th> <th colspan="2">After Session Ends:</th> </tr> <tr> <th></th> <th>Meters</th> <th>Feet</th> <th>Meters</th> <th>Feet</th> </tr> </thead> <tbody> <tr> <td><b>A</b>= Datum point to Top of Tripod (Tripod Height)</td> <td><b>2.000</b></td> <td><b>6.562</b></td> <td><b>2.000</b></td> <td><b>6.562</b></td> </tr> <tr> <td><b>B</b>= Additional offset to ARP if any (Tribrach/Spacer)</td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> </tr> <tr> <td><b>H</b>= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)</td> <td><b>2.000</b></td> <td><b>6.562</b></td> <td><b>2.000</b></td> <td><b>6.562</b></td> </tr> </tbody> </table>				Before Session Begins:		After Session Ends:			Meters	Feet	Meters	Feet	<b>A</b> = Datum point to Top of Tripod (Tripod Height)	<b>2.000</b>	<b>6.562</b>	<b>2.000</b>	<b>6.562</b>	<b>B</b> = Additional offset to ARP if any (Tribrach/Spacer)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>H</b> = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	<b>2.000</b>	<b>6.562</b>	<b>2.000</b>	<b>6.562</b>			
	Before Session Begins:		After Session Ends:																														
	Meters	Feet	Meters	Feet																													
<b>A</b> = Datum point to Top of Tripod (Tripod Height)	<b>2.000</b>	<b>6.562</b>	<b>2.000</b>	<b>6.562</b>																													
<b>B</b> = Additional offset to ARP if any (Tribrach/Spacer)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>																													
<b>H</b> = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	<b>2.000</b>	<b>6.562</b>	<b>2.000</b>	<b>6.562</b>																													
Psychrometer (if used) Brand & Model: P/N: _____ S/N: _____ Last Calibration or check Date: _____			Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters.																														
Barometer (if used) Brand & Model: S/N: _____			<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Weather Data</th> <th>Weather Codes</th> <th>Time (UTC)</th> <th>Dry-Bulb Temp Fahrenheit Celsius</th> <th>WetBulb Temp Fahrenheit Celsius</th> <th>Rel. % Humidity</th> <th>Atm. Pressure Inches Hg millibar</th> </tr> </thead> <tbody> <tr> <td>Before</td> <td><b>02020</b></td> <td><b>12:30</b></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Middle</td> <td><b>02020</b></td> <td><b>13:01</b></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>After</td> <td><b>01020</b></td> <td><b>13:37</b></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure Inches Hg millibar	Before	<b>02020</b>	<b>12:30</b>					Middle	<b>02020</b>	<b>13:01</b>					After	<b>01020</b>	<b>13:37</b>				
Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure Inches Hg millibar																											
Before	<b>02020</b>	<b>12:30</b>																															
Middle	<b>02020</b>	<b>13:01</b>																															
After	<b>01020</b>	<b>13:37</b>																															
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="text-align: center; font-size: 1.2em; font-weight: bold;"> <b>DENSE FOG AT STARTUP!</b>  <b>FOG LIFTED BY END!</b> </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 = aaaaddds.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 type="checkbox"/> Submitted earlier Photographs of Station: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Pencil Rubbing of Mark: <input type="checkbox"/> Attached		LOG CHECKED BY:																												
<b>Table of Weather Codes</b>	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																																	