

 <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;">JMT 04</div>		Station PID, if any: <div style="text-align: center; font-size: 1.2em;">DH8016</div>		Date (UTC): <div style="text-align: center; color: red;">03.23.09</div>																																										
	General Location: 920 Princip. Furnace Rd, Perryville MD 21903		Airport ID, if any: <div style="text-align: center; font-size: 1.2em;">JM04</div>		Day of Year: <div style="text-align: center; color: red;">082</div>																																										
Project Name: CECIL COUNTY HMOD			Project Number: GPS-		Station Serial # (SSN): <div style="text-align: center; color: red;">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: G. W. Stephens, Jr. and Assoc. Operator Full Name: <div style="color: red;">CHRISTOPHER R. TWILLEX</div> Phone #: ( ) (410) 297-2340 e-mail address: JShaw@gwstephens.com																																									
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval = <u>5</u> Seconds Elevation Mask = <u>10</u> Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>																																											
Actual Start <u>14:15</u> Stop <u>14:50</u>		GEOID99 Geoid Height <div style="text-align: center;">meters</div>																																													
Receiver Brand & Model: <div style="color: red;">TRIMBLE 5800 45145-46</div> P/N: <u>4423134751</u> S/N: Firmware Version:			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/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			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: <u>SECO</u> S/N: Last Adjustment date:			** ANTENNA HEIGHT ** <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>2.000</td> <td>6.562</td> <td>2.000</td> <td>6.562</td> </tr> <tr> <td><b>B</b>= Additional offset to ARP if any (Tribrach/Spacer)</td> <td>0.000</td> <td>0.000</td> <td>0.000</td> <td>0.000</td> </tr> <tr> <td><b>H</b>= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)</td> <td>2.000</td> <td>6.562</td> <td>2.000</td> <td>6.526</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)	2.000	6.562	2.000	6.562	<b>B</b> = Additional offset to ARP if any (Tribrach/Spacer)	0.000	0.000	0.000	0.000	<b>H</b> = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.000	6.562	2.000	6.526															
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Psychrometer (if used) Brand & Model:  P/N: S/N: Last Calibration or check Date:			Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters. Be <b>Very Explicit</b> as to where and how Measured!																																												
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</th> <th>Dry-Bulb Temp Celsius</th> <th>WetBulb Temp Fahrenheit</th> <th>WetBulb Temp Celsius</th> <th>Rel. % Humidity</th> <th>Atm. Pressure inches Hg</th> <th>Atm. Pressure millibar</th> </tr> </thead> <tbody> <tr> <td>Before</td> <td>01001</td> <td>14:15</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Middle</td> <td>01001</td> <td>14:30</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>After</td> <td>01001</td> <td>14:50</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar	Before	01001	14:15								Middle	01001	14:30								After	01001	14:50							
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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:																																								
<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																																															