

 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;">GILLEY</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">03-24-09</div>																																											
	General Location: 290 Stevens Road, Rising Sun MD 21911		Airport ID, if any:		Station 4-Character ID: GILL Day of Year: 083																																											
Project Name: CECIL COUNTY HMOD			Project Number: GPS-		Station Serial # (SSN): Session ID: (A,B,C etc) 0C																																											
NAD83 Latitude: 0		NAD83 Longitude: 0		NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters		Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: RYMOND G. CRAMER JR Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com																																										
Observation Session Times (UTC): Sched. Start: Stop: Actual Start: 13:37 Stop: 14:20		Epoch Interval: Seconds Elevation: Degrees Mask =		Antenna plumb before session? (Y/N) Circle Antenna plumb after session? (Y/N) Yes or No Antenna oriented to true North? (Y/N) -If no, explain Weather observed at antenna ht. (Y/N) Antenna ground plane used? (Y/N)			Antenna radome used? (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? (Y/N) Use Any obstructions above 10'? (Y/N) Radio interference source nearby (Y/N) Vis. form																																									
Receiver Brand & Model: TRIMBLE 4800 P/N: 32119-56 S/N: 0220160896 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.		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: SECO P/N: S/N: Last Adjustment date:			<div style="text-align: center; font-weight: bold; font-size: 1.1em;">** 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>A= 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= 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>H= 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>6.562</td> </tr> </tbody> </table> <p>Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters. Be Very Explicit as to where and how Measured!</p>			Before Session Begins:		After Session Ends:			Meters	Feet	Meters	Feet	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	6.562															
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Psychrometer (if used) Brand & Model: P/N: S/N: Last Calibration or check Date:		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>00000</td> <td>13:37</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Middle</td> <td>00000</td> <td>14:00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>After</td> <td>00000</td> <td>14:20</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	00000	13:37								Middle	00000	14:00								After	00000	14:20							
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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) 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 of Weather Codes	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																																																