


NOTE: This form intended for field use. Unsolicited data submitted to NGS must be converted to bluebook format.

 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;"><i>CARPENTERS POINT 2008</i></div>	Station PID, if any:	Date (UTC): <div style="text-align: center; font-size: 1.2em;"><i>3-23-09</i></div>																									
	General Location: <div style="text-align: center; font-size: 1.2em;"><i>110 Cherry Lane, Perryville MD 21903</i></div>	Airport ID, if any:	Station 4-Character ID:	Day of Year: <div style="text-align: center; font-size: 1.2em;"><i>82</i></div>																								
Project Name: <div style="text-align: center; font-size: 1.2em;"><i>Cecil County HMOB</i></div>		Project Number: <div style="text-align: center; font-size: 1.2em;"><i>GPS-</i></div>																										
NAD83 Latitude <div style="text-align: center;">° ' "</div>	NAD83 Longitude <div style="text-align: center;">° ' "</div>	NAD83 Ellipsoidal Height meters NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters																										
Observation Session Times (UTC): Sched. Start <i>7:45</i> Stop <i>8:50</i> Actual Start <i>11:45</i> Stop <i>12:50</i>		Agency Full Name: <i>G.W. Stephens, Jr. and Assoc.</i> Operator Full Name: <i>Roy Milla</i> Phone #: () <i>410-297-2340</i> e-mail address: <i>gstephans@gsstephans.com</i>																										
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;"><i>Trimble 5600</i></div> P/N: <i>45145-46</i> S/N: <i>4423134651</i> 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 type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: <i>5600</i> P/N: <i>5119-00-FLY</i> S/N: 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;"> <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> <tr> <td>A= Datum point to Top of Tripod (Tripod Height)</td> <td style="text-align: center;"><i>2.000</i></td> <td style="text-align: center;"><i>6.562</i></td> <td style="text-align: center;"><i>2.000</i></td> <td style="text-align: center;"><i>6.562</i></td> </tr> <tr> <td>B= Additional offset to ARP if any (Tribach/Spacer)</td> <td style="text-align: center;"><i>0.000</i></td> <td style="text-align: center;"><i>0.000</i></td> <td style="text-align: center;"><i>0.000</i></td> <td style="text-align: center;"><i>0.000</i></td> </tr> <tr> <td>H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)</td> <td style="text-align: center;"><i>2.000</i></td> <td style="text-align: center;"><i>6.562</i></td> <td style="text-align: center;"><i>2.000</i></td> <td style="text-align: center;"><i>6.562</i></td> </tr> </table>			Before Session Begins:		After Session Ends:			Meters	Feet	Meters	Feet	A = Datum point to Top of Tripod (Tripod Height)	<i>2.000</i>	<i>6.562</i>	<i>2.000</i>	<i>6.562</i>	B = Additional offset to ARP if any (Tribach/Spacer)	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	<i>2.000</i>	<i>6.562</i>	<i>2.000</i>	<i>6.562</i>
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Psychrometer (if used) Brand & Model: P/N: S/N: Last Calibration or check Date:		Note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!																										
Barometer (if used) Brand & Model: S/N:	Weather Data Before Middle After	Weather Codes <i>00000</i> <i>00000</i> <i>00001</i>	Time (UTC) <i>11:43</i> <i>12:16</i> <i>12:52</i>																									
Dry-Bulb Temp Fahrenheit Celsius WetBulb Temp Fahrenheit Celsius Rel. % Humidity Atm. Pressure inches Hg millibar																												
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="text-align: center; font-size: 0.8em;">Weather codes are required. Weather data are optional but encouraged. *Antenna code comes from ant_info file furnished by project coordinator.</div>																												
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 checked="" type="checkbox"/> Submitted earlier Visibility Obstruction Form: <input 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 checked="" type="checkbox"/> Attached <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																												