


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

|  |   |   |   |   |   |  |   |                                       |
|--|---|---|---|---|---|--|---|---------------------------------------|
| <br><b>GPS STATION<br/>OBSERVATION<br/>LOG</b><br>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)<br><div style="text-align: center; color: red;">OLD YORK</div> |   | Station PID, if any:  |   | Date (UTC):<br><div style="text-align: center; color: red;">05.25.09</div>  |  |   |                                       |
|  | General Location:<br><div style="text-align: center; color: red;">79 OLD YORK CT, NORTH EAST MD 21901</div>   |   | Airport ID, if any:   |   | Station 4-Character ID:<br><div style="text-align: center; color: red;">084</div>   |  |   |                                       |
| Project Name:<br><div style="text-align: center; color: red;">CECIL COUNTY LMOD</div>  |   |   | Project Number:<br><div style="text-align: center; color: red;">GPS-</div>  |   | Station Serial # (SSN):<br><div style="text-align: center; color: red;">B</div>   |  |   |                                       |
| NAD83 Latitude<br><div style="text-align: center;">0</div>   |   | NAD83 Longitude<br><div style="text-align: center;">0</div>   |   | NAD83 Ellipsoidal Height<br><div style="text-align: center;">meters</div>   |   | Agency Full Name:<br><div style="text-align: center; color: red;">G.W. STEPHENS</div>  |   |                                       |
| Observation Session Times (UTC):<br>Sched. Start _____ Stop _____<br>Actual Start <span style="color: red;">13:07</span> Stop <span style="color: red;">13:40</span>   |   | Epoch<br>Interval = <span style="color: red;">5</span> Seconds<br>Elevation<br>Mask = <span style="color: red;">10</span> Degrees |   | NAVD88 Orthometric Ht.<br><div style="text-align: center;">meters</div>   |   | Operator Full Name:<br><div style="text-align: center; color: red;">CHRISTOPHER R. TWILLEY</div>   |   |                                       |
| Firmware Version:<br><div style="text-align: center; color: red;">4423134751</div>   |   | Cable Length, meters:<br><div style="text-align: center;">meters</div>  |   | GEOID99 Geoid Height<br><div style="text-align: center;">meters</div>   |   | Phone #: <span style="color: red;">(410) 297-2390</span><br>e-mail address: <span style="color: red;">jshawagustephens.com</span>  |   |                                       |
| Receiver Brand & Model:<br><div style="text-align: center; color: red;">TRIMBLE 5800<br/>45145-46</div>  |   | Antenna Code*, Brand & Model:<br><div style="text-align: center;">P/N:<br/>S/N:</div>   |   | Antenna plumb before session? <input checked="" type="radio"/> Y <input type="radio"/> N Circle<br>Antenna plumb after session? <input checked="" type="radio"/> Y <input type="radio"/> N Yes or No<br>Antenna oriented to true North? <input checked="" type="radio"/> Y <input type="radio"/> N -If no,<br>Weather observed at antenna ht. <input checked="" type="radio"/> Y <input type="radio"/> N explain<br>Antenna ground plane used? <input checked="" type="radio"/> Y <input type="radio"/> N " |   | Antenna radome used? <input type="radio"/> Y <input checked="" type="radio"/> N If yes,<br>Eccentric occupation (>0.5 mm)? <input type="radio"/> Y <input checked="" type="radio"/> N describe.<br>Any obstructions above 10°? <input checked="" type="radio"/> Y <input type="radio"/> N Use<br>Radio interference source nearby <input type="radio"/> Y <input checked="" type="radio"/> N Vis. form |   |                                       |
| <input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other  |   | Vehicle is Parked _____ meters _____ (direction) from antenna.  |   |   |   |  |   |                                       |
| Tripod or Antenna Mount: Check one:<br><input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount<br>Brand & Model:<br>P/N:<br>S/N:<br>Last Adjustment date: |   |   | <b>** ANTENNA HEIGHT **</b>   |   | Before Session Begins:<br>Meters      Feet  |  | After Session Ends:<br>Meters      Feet |                                       |
| Psychrometer (if used) Brand & Model:<br>P/N:<br>S/N:<br>Last Calibration or check Date:   |   |   | A= Datum point to Top of Tripod (Tripod Height)                             |   | <div style="text-align: center; color: red;">2.000    6.562    2.000    6.562</div>   |  |   |                                       |
|  |   |   | B= Additional offset to ARP if any (Tribach/Spacer)                         |   | <div style="text-align: center; color: red;">0.000    <del>0.000</del>    0.000    0.000</div>  |  |   |                                       |
|  |   |   | H= Antenna Height = A + B<br>= Datum Point to Antenna Reference Point (ARP) |   | <div style="text-align: center; color: red;">2.000    6.562    2.000    6.562</div>   |  |   |                                       |
|  |   |   | Meters = Feet x (0.3048)<br>Height Entered Into Receiver = _____ meters.    |   | Note &/or sketch <b>ANY</b> unusual conditions.<br>Be <b>Very Explicit</b> as to where and how Measured!  |  |   |                                       |
| Barometer (if used) Brand & Model:<br>S/N:   |   | Weather Data  | Weather Codes   | Time (UTC)  | Dry-Bulb Temp<br>Fahrenheit   Celsius   | WetBulb Temp<br>Fahrenheit   Celsius   | Rel. %<br>Humidity                      | Atm. Pressure<br>inches Hg   millibar |
|  |   | Before  | <span style="color: red;">01001</span>                                      | <span style="color: red;">13:07</span>  |   |  |   |                                       |
|  |   | Middle  | <span style="color: red;">01001</span>                                      | <span style="color: red;">13:25</span>  |   |  |   |                                       |
|  |   | After   | <span style="color: red;">01001</span>                                      | <span style="color: red;">13:40</span>  |   |  |   |                                       |
| 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):<br>(Standard NGS Format = aaaadddd.xxx)<br><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<br>Visibility Obstruction Form: <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Submitted earlier<br>Photographs of Station: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier<br>Pencil Rubbing of Mark: <input type="checkbox"/> Attached |  | LOG CHECKED<br>BY:                      |                                       |
| Table of<br>Weather<br>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  |   |                                       |