


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: __ FBN__ CBN__ PAC__ SAC__ BM)<br><div style="text-align: center; font-size: 1.2em; color: blue;">COUNTRY</div> |   | Station PID, if any: |   | Date (UTC):<br><div style="text-align: center; font-size: 1.2em; color: blue;">3-23-2009</div>       |   |                    |  |
|   | General Location:<br><div style="text-align: center; font-size: 1.2em; color: red;">71 N. FRIENDSHIP CT. COLORA MD 21917</div>                          |   | Airport ID, if any:  |   | Station 4-Character ID:<br><div style="text-align: center; font-size: 1.2em; color: red;">COUN</div> |   |                    |  |
| Project Name:   |   | Project Number:<br><div style="text-align: center; font-weight: bold;">GPS-</div> |                      | Station Serial # (SSN):   |  | Session ID:(A,B,C etc)<br><div style="text-align: center; font-size: 1.2em; color: blue;">G</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: <div style="text-align: center; color: blue;">G.W. STEPHENS, JR</div>   |                    |  |
| Observation Session Times (UTC):<br>Sched. Start _____ Stop _____   |   | Epoch<br>Interval= <u>5</u> Seconds<br>Elevation<br>Mask = <u>10</u> Degrees      |                      | NAVD88 Orthometric Ht.<br><div style="text-align: center;">meters</div>   |  | Operator Full Name: <div style="text-align: center; color: blue;">JAMES SHAW</div>  |                    |  |
| Actual Start <u>17:54</u> Stop <u>18:35</u>   |   |   |                      | GEOID99 Geoid Height<br><div style="text-align: center;">meters</div>   |  | Phone #: (410) 297-2340<br>e-mail address: <div style="text-align: center; color: blue;">jshaw@gwstephens.com</div>   |                    |  |
| Receiver Brand & Model:<br><div style="text-align: center; font-size: 1.2em; color: blue;">TRIMBLE 4800</div>   |   | Antenna Code*, Brand & Model:   |                      | Antenna plumb before session? <input checked="" type="radio"/> (Y) (N) Circle<br>Antenna plumb after session? <input checked="" type="radio"/> (Y) (N) Yes or No<br>Antenna oriented to true North? <input checked="" type="radio"/> (Y) (N) -If no,<br>Weather observed at antenna ht. <input checked="" type="radio"/> (Y) (N) explain<br>Antenna ground plane used? <input checked="" type="radio"/> (Y) (N) " |  | Antenna radome used? <input checked="" type="radio"/> (Y) (N) If yes,<br>Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y) (N) describe.<br>Any obstructions above 10'? <input checked="" type="radio"/> (Y) (N) Use<br>Radio interference source nearby (Y) (N) Vis. form |                    |  |
| P/N:<br>S/N: <u>0220160895</u><br>Firmware Version:   |   | P/N:<br>S/N:<br>Cable Length, meters:   |                      |   |  |   |                    |  |
| <input type="checkbox"/> CamCorder Battery, <input checked="" 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: <div style="text-align: center; color: blue;">SECO 2.0 m</div><br>P/N:<br>S/N: <u>5119-00-FLY / 1DP55 MAY 04</u><br>Last Adjustment date: <div style="text-align: center; color: blue;">3-23-2009</div> |   |   |                      | ** ANTENNA HEIGHT **  |  | Before Session Begins:<br>Meters      Feet  |                    |  |
| Psychrometer (if used) Brand & Model:<br><br>P/N:<br>S/N:<br>Last Calibration or check Date:  |   |   |                      | A= Datum point to Top of Tripod (Tripod Height)   |  | <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">2.000</div> <div style="text-align: center; color: red;">6.562</div> </div>  |                    |  |
|   |   |   |                      | B= Additional offset to ARP if any (Tribach/Spacer)   |  | <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">0.000</div> <div style="text-align: center;">0.000</div> </div>  |                    |  |
|   |   |   |                      | H= Antenna Height = A + B<br>= Datum Point to Antenna Reference Point (ARP)   |  | <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">2.000</div> <div style="text-align: center; color: red;">6.562</div> </div>  |                    |  |
|   |   |   |                      | Meters = Feet x (0.3048)<br>Height Entered Into Receiver = _____ meters.  |  | Note &/or sketch ANY unusual conditions.<br>Be Very Explicit as to where and how Measured!  |                    |  |
| Barometer (if used) Brand & Model:<br><br>S/N:  |   | Weather Data  | Weather Codes        | Time (UTC)  | Dry-Bulb Temp<br>Fahrenheit   Celsius  | WetBulb Temp<br>Fahrenheit   Celsius  | Rel. %<br>Humidity |  |
|   |   | Before  | 00001                | 17:54   |  |   |                    |  |
|   |   | Middle  | 00001                | 18:15   |  |   |                    |  |
|   |   | After   | 00001                | 18:35   |  |   |                    |  |
| Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:<br><br><br><br><br><br><br><br><br><br><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):<br>(Standard NGS Format = aaaadddd.xxx)<br>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<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  |   |   |                      |   |  |   |                    |  |