


|  |   |  |                      |   |  |  |                                      |                              |                 |                                       |  |
|--|---|--|----------------------|---|--|--|--------------------------------------|------------------------------|-----------------|---------------------------------------|--|
|  <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; font-size: 1.2em;">GILLEY</div> |  | Station PID, if any: |   | Date (UTC):<br><div style="text-align: center; font-size: 1.2em;">3/17/09</div>          |  |                                      |                              |                 |                                       |  |
|  | General Location:<br><div style="text-align: center; font-size: 1.2em;">290 Stevens Road, Rising Sun MD 21911</div>   |  | Airport ID, if any:  |   | Station 4-Character ID:<br><div style="text-align: center; font-size: 1.2em;">GILL</div> |  |                                      |                              |                 |                                       |  |
| Project Name:<br><div style="text-align: center; font-size: 1.2em;">CECIL COUNTY HMOD</div>  |   | Project Number:<br><div style="text-align: center; font-size: 1.2em;">GPS-</div>   |                      | Station Serial # (SSN):   |  | Session ID: (A,B,C etc)<br><div style="text-align: center; font-size: 1.2em;">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; font-size: 1.2em;">G. W. Stephens, Jr. and Assoc.</div>   |                                      |                              |                 |                                       |  |
| Observation Session Times (UTC):<br>Sched. Start <u>8:40</u> Stop <u>9:15</u>  |   | Epoch<br>Interval= _____ Seconds<br>Elevation<br>Mask = _____ Degrees  |                      | NAVD88 Orthometric Ht.<br><div style="text-align: center;">meters</div>   |  | Operator Full Name:<br><div style="text-align: center; font-size: 1.2em;">WILLIAM A. JERIC</div>   |                                      |                              |                 |                                       |  |
| Actual Start <u>12:40</u> Stop <u>13:15</u>  |   |  |                      | GEOID99 Geoid Height<br><div style="text-align: center;">meters</div>   |  | Phone #: ( ) <u>(410) 297-2340</u>   |                                      |                              |                 |                                       |  |
|  |   |  |                      | e-mail address: <u>JShaw@gwstephens.com</u>   |  |  |                                      |                              |                 |                                       |  |
| Receiver Brand & Model:<br><div style="font-size: 1.2em;">TRIMBLE 5800</div>   |   | Antenna Code*, Brand & Model:<br>  |                      | Antenna plumb before session? <input checked="" type="radio"/> (N) Circle<br>Antenna plumb after session? <input checked="" type="radio"/> (N) Yes or No<br>Antenna oriented to true North? <input checked="" type="radio"/> (N) -If no, explain<br>Antenna ground plane used? <input checked="" type="radio"/> (Y) (N)   |  | Antenna radome used? <input checked="" type="radio"/> (Y) (N) If yes, describe.<br>Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y) (N) Use<br>Any obstructions above 10'? <input checked="" type="radio"/> (Y) (N) Vis. form<br>Radio interference source nearby <input checked="" type="radio"/> (Y) (N) |                                      |                              |                 |                                       |  |
| P/N: <u>45145-46</u><br>S/N: <u>442314651</u><br>Firmware Version:   |   | P/N:<br>S/N:<br>Cable Length, meters:  |                      |   |  |  |                                      |                              |                 |                                       |  |
| <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: <u>SECO</u><br>S/N: <u>519-00-FW</u><br>Last Adjustment date: <u>3/16/09</u> |   | ** ANTENNA HEIGHT **   |                      | Before Session Begins:<br>Meters      Feet  |  | After Session Ends:<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)  |                      | 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<br>= Datum Point to Antenna Reference Point (ARP)  |                      | 2.000      6.562  |  | 2.000      6.526   |                                      |                              |                 |                                       |  |
|  |   | Meters = Feet x (0.3048)<br>Height Entered Into Receiver = _____ meters. Be <b>Very Explicit</b> as to where and how Measured! |                      | Note &/or sketch <b>ANY</b> unusual conditions.   |  |  |                                      |                              |                 |                                       |  |
| 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. % Humidity | Atm. Pressure<br>inches Hg   millibar |  |
|  |   | Before   | 02020                | 12:36   |  |  |                                      |                              |                 |                                       |  |
|  |   | Middle   | 02020                | 13:00   |  |  |                                      |                              |                 |                                       |  |
|  |   | After  | 02020                | 13:17   |  |  |                                      |                              |                 |                                       |  |
| Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <span style="color: red; font-size: 1.2em;">12:36, 13:00, 13:17</span>   |   |  |                      |   |  |  |                                      |                              |                 |                                       |  |
| 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 = aaaaddds.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 checked="" type="checkbox"/> Attached <input 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 BY:              |                 |                                       |  |
| <b>Table of<br/>Weather<br/>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  |                                      |                              |                 |                                       |  |