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|--|--|---|----------------------|---|---|--|--------------------------------------|------------------------------|-----------------|---------------------------------------|--|
|  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;">ROWLAND</div> | | Station PID, if any: | | Date (UTC): <div style="text-align: center; color: red;">03.23.09</div> | | | | | | |
| | General Location: <div style="text-align: center; color: red;">438</div> opp 411 McCauley Rd, Conowingo MD 21918 | | Airport ID, if any: | | Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">ROWL</div> | | | | | | |
| Project Name: <div style="text-align: center; font-size: 1.2em;">CECIL COUNTY HMOD</div> | | Project Number: <div style="text-align: center; font-size: 1.2em;">GPS-</div> | | Station Serial # (SSN): | | Session ID:(A,B,C etc) <div style="text-align: center; color: red;">H</div> | | | | | |
| NAD83 Latitude <div style="text-align: center;">0</div> | | NAD83 Longitude <div style="text-align: center;">0</div> | | NAD83 Ellipsoidal Height <div style="text-align: center;">meters</div> | | Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: <div style="text-align: center; color: red;">CHRISTOPHER E. TWILFE</div> Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com | | | | | |
| Observation Session Times (UTC): Sched. Start _____ Stop _____ | | Epoch Interval= <u>5</u> Seconds Elevation Mask = <u>10</u> Degrees | | NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div> | | | | | | | |
| Actual Start <u>18:55</u> Stop <u>19:40</u> | | GEOID99 Geoid Height <div style="text-align: center;">meters</div> | | | | | | | | | |
| | | | | | | | | | | | |
| Receiver Brand & Model: <div style="text-align: center; color: red;">TRIMBLE 5800</div> P/N: <div style="text-align: center; color: red;">4545-A4</div> S/N: <div style="text-align: center; color: red;">4423134751</div> Firmware Version: | | Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters: | | Antenna plumb before session? <input checked="" type="radio"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="radio"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (Y/N) -If no, explain Weather observed at antenna ht. <input checked="" type="radio"/> (Y/N) Antenna ground plane used? <input checked="" type="radio"/> (Y/N) | | Antenna radome used? <input checked="" type="radio"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y/N) Use Any obstructions above 10°? <input checked="" type="radio"/> (Y/N) Vis. form Radio interference source nearby <input checked="" type="radio"/> (Y/N) | | | | | |
| <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: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: P/N: S/N: <u>NECO</u> Last Adjustment date: | | ** ANTENNA HEIGHT ** | | Before Session Begins: Meters Feet | | After Session Ends: Meters Feet | | | | | |
| Psychrometer (if used) Brand & Model: P/N: S/N: 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 = Datum Point to Antenna Reference Point (ARP) | | 2.000 6.562 | | 2.000 6.562 | | | | | |
| | | Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters. Be Very Explicit as to where and how Measured! | | Note &/or sketch ANY unusual conditions. | | | | | | | |
| Barometer (if used) Brand & Model: S/N: | | Weather Data | Weather Codes | Time (UTC) | Dry-Bulb Temp Fahrenheit Celsius | | WetBulb Temp Fahrenheit Celsius | | Rel. % Humidity | Atm. Pressure inches Hg millibar | |
| | | Before | 01001 | 18:55 | | | | | | | |
| | | Middle | 01001 | 19:20 | | | | | | | |
| | | After | 01001 | 19:40 | | | | | | | |
| 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): (Standard NGS Format = aaaadddd.xxx) <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 Visibility Observation 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 | | | | | | | | | |