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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) | | Station PID, if any: | | Date (UTC): | | | |
| | NE HIGH | | | | 3-18-09 | | | |
| General Location: North East High School, Elkton MD 21921 | | | Airport ID, if any: | | Station 4-Character ID: NEHS | | | |
| Project Name: CECIL COUNTY HMOD | | | Project Number: GPS- | | Station Serial # (SSN): | | | |
| NAD83 Latitude | | NAD83 Longitude | | NAD83 Ellipsoidal Height | | Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: <i>Roy Miller</i> Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com | | |
| | | | | NAVD88 Orthometric Ht. | | | | |
| Observation Session Times (UTC): Sched. Start <u>2:55</u> Stop <u>3:30</u> | | Epoch Interval= _____ Seconds | | GEOID99 Geoid Height | | | | |
| Actual Start <u>18:55</u> Stop <u>19:30</u> | | Elevation Mask = _____ Degrees | | | | | | |
| Receiver Brand & Model: | | Antenna Code*, Brand & Model: | | Antenna plumb before session? <input checked="" type="radio"/> N <input type="radio"/> Y | | Circle Yes or No -If no, explain Antenna radome used? <input type="radio"/> Y <input checked="" type="radio"/> N Eccentric occupation (>0.5 mm)? <input type="radio"/> Y <input checked="" type="radio"/> N Any obstructions above 10'? <input type="radio"/> Y <input checked="" type="radio"/> N Radio interference source nearby <input type="radio"/> Y <input checked="" type="radio"/> N Use Vis. form | | |
| P/N: <i>Trimble 5800 45145-46</i> S/N: <i>442314651</i> Firmware Version: | | P/N: S/N: Cable Length, meters: | | Antenna plumb after session? <input checked="" type="radio"/> N <input type="radio"/> Y Antenna oriented to true North? <input checked="" type="radio"/> N <input type="radio"/> Y Weather observed at antenna ht. <input checked="" type="radio"/> N <input type="radio"/> Y Antenna ground plane used? <input checked="" type="radio"/> Y <input type="radio"/> 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 type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: <i>SECO</i> P/N: <i>5119-00-PLY</i> S/N: Last Adjustment date: | | ** ANTENNA HEIGHT ** | | Before Session Begins: 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 | | | | |
| | | B= Additional offset to ARP if any (Tribrach/Spacer) | | 0.000 0.000 | | | | |
| | | H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP) | | 2.000 6.562 | | | | |
| | | Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters. | | Note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured! | | | | |
| 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 | 01011 | 18:50 | | | | |
| | | Middle | 01011 | 18:12 | | | | |
| | | After | 01011 | 19:32 | | | | |
| 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) 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 Visibility Obstruction 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 | | | | | | | | |