


submitted to NGS must be converted to bluebook format.

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|--|--|---|--------------------------------|---|--|---|------------------------------|---|--|------------------------------------|--|--------------------|--|-------------------------------------|--|
|  GPS STATION OBSERVATION LOG April 16, 2003 | Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) GREYSTONE | | Station PID, if any: | | Date (UTC): 3/24/09 | | | | | | | | | | |
| | General Location: LOT 21 FRANK CRANE DR | | Airport ID, if any: | | Station 4-Character ID: GREY Day of Year: 083 | | | | | | | | | | |
| Project Name: CECIL COUNTY HMOD | | | Project Number: GPS- | | Station Serial # (SSN): EF Session ID:(A,B,C etc) | | | | | | | | | | |
| NAD83 Latitude 0 | | NAD83 Longitude 0 | | NAD83 Ellipsoidal Height meters NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters | | Agency Full Name: G.W. STEPHENS, JR & ASSOC. Operator Full Name: JEFFREY W. HAYS Phone #: (410) 297-2340 e-mail address: jshaw@gwstephens.com | | | | | | | | | |
| Observation Session Times (UTC): Sched. Start 16:45 Stop 17:20 Actual Start 16:45 Stop 17:20 | | Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees | | | | | | | | | | | | | |
| Receiver Brand & Model: TRIMBLE 4800 P/N: 32119-56 S/N: 0220160895 Firmware Version: <input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other | | Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters: Vehicle is Parked _____ meters _____ (direction) from antenna. | | 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) | | | | | | | | | | | |
| 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: SECO P/N: 5T19-00 FLY S/N: Last Adjustment date: 3-23-2009 | | ** ANTENNA HEIGHT ** A= Datum point to Top of Tripod (Tripod Height) B= Additional offset to ARP if any (Tribrach/Spacer) H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP) Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters. | | Before Session Begins: Meters Feet 2.000 6.562 After Session Ends: Meters Feet 2.000 6.562 | | | | | | | | | | | |
| Psychrometer (if used) Brand & Model: P/N: S/N: Last Calibration or check Date: | | | | Note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured! | | | | | | | | | | | |
| Barometer (if used) Brand & Model: S/N: | | Weather Data Before Middle After | | Weather Codes 00001 00001 00001 | | Time (UTC) 16:45 16:03 17:20 | | Dry-Bulb Temp Fahrenheit Celsius | | WetBulb Temp Fahrenheit Celsius | | Rel. % Humidity | | Atm. Pressure inches Hg millibar | |
| Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: 16:45, 17:03, 17:20 | | | | | | | | | | | | | | | |
| 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 type="checkbox"/> Attached <input checked="" 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 | | | | | | | | | | | | | |