


NOTE: This form intended for field use. Unsolicited data submitted to NGS must be converted to bluebook format.

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: ___ FBN ___ CBN ___ PAC ___ SAC ___ BM) <u>SEAL</u>		Station PID, if any: <u>AJ7995</u>		Date (UTC): <u>3-24-2009</u>								
	General Location: <u>CALVARY CHURCH @ HALF MILE TURN, RISING SUN, MD</u>		Airport ID, if any:		Station 4-Character ID: <u>SEAL</u>								
	Project Name: <u>CECIL COUNTY HMOD</u>		Project Number: <u>GPS-</u>		Station Serial # (SSN):								
	Project Number:		Session ID: (A,B,C etc) <u>C</u>										
NAD83 Latitude 0		NAD83 Longitude 0		NAD83 Ellipsoidal Height meters		Agency Full Name: <u>G.W. STEPHENS, JR</u> <u>AND ASSOC.</u>							
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. meters		Operator Full Name: <u>JAMES SHAW</u>							
Actual Start <u>13:33</u> Stop <u>14:20</u>		GEOID99 Geoid Height meters		Phone #: <u>(410) 297-2390</u>		e-mail address: <u>jshawegwstephens.com</u>							
Receiver Brand & Model: <u>TRIMBLE 4800</u> P/N: <u>32119-56</u> S/N: <u>0220160895</u> Firmware Version: <input type="checkbox"/> CamCorder Battery, <input checked="" 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 type="radio"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input type="radio"/> (Y/N) Use Any obstructions above 10'? <input type="radio"/> (Y/N) Use Radio interference source nearby <input type="radio"/> (Y/N) Vis. form							
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: <u>SECO 2.0m</u> P/N: S/N: <u>5119-00-FLY/1DP55 MAY 04</u> Last Adjustment date: <u>3-23-2009</u>		** 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) 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.		2.000 6.562		2.000 6.562							
Barometer (if used) Brand & Model: S/N:		Weather Data Before Middle After		Weather Codes 06001 00001 00001		Time (UTC) 13:33 13:55 14:20							
		Dry-Bulb Temp Fahrenheit Celsius		WetBulb Temp Fahrenheit Celsius		Rel. % Humidity							
		Atm. Pressure inches Hg millibar											
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:													
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 = aaaaddds.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		CODE		PROBLEM		VISIBILITY		TEMPERATURE		CLOUD COVER		WIND	
Weather		0		did not occur		Good, over 15 miles		Normal, 32° F- 80° F		Clear, below 20%		Calm, under 5mph (8km/h)	
Codes		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									