


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: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM) <b>ROWLAND</b>		Station PID, if any:		Date (UTC): <b>03.23.09</b>			
	General Location: <b>OPP 458 McCauley Rd, Conowingo MD 21918</b>		Airport ID, if any:		Station 4-Character ID: <b>ROWL</b> Day of Year: <b>082</b>			
Project Name: <b>CECIL COUNTY HAMMO</b>			Project Number: <b>GPS-</b>		Station Serial # (SSN):  Session ID:(A,B,C etc) <b>I</b>			
NAD83 Latitude 0		NAD83 Longitude 0		NAD83 Ellipsoidal Height meters		Agency Full Name: <b>G.W. STEPHENS</b> Operator Full Name: <b>CHRISTOPHER R. TWINE</b> Phone #: <b>(410) 297-2340</b> e-mail address: <b>jshaw@gwstephens.com</b>		
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= <b>5</b> Seconds Elevation Mask = <b>10</b> Degrees		NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters				
Actual Start <b>19:50</b> Stop <b>20:35</b>								
Receiver Brand & Model: <b>TRIMBLE 5800</b> <b>45145-46</b> P/N: <b>442313A751</b> S/N: Firmware Version:		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) explain 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 checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: P/N: S/N: Last Adjustment date:		<b>** ANTENNA HEIGHT **</b>		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 (Tribach/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.		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	01001	19:50				
		Middle	01001	20:15				
		After	01001	20:35				
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 checked="" 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 checked="" type="checkbox"/> Attached <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								