

GPS STATION OBSERVATION LOG <small>April 16, 2003</small>	Station Designation: (check applicable: __ FBN__ CBN__ PAC__ SAC__ BM) PELHAM		Station PID, if any:		Date (UTC): 3/25/09	
	General Location: WILLIAMS RD. @ MANOR CIR. ELKTON, MD 21921		Airport ID, if any:		Day of Year: 084	
Project Name: CECIL COUNTY HMOD			Project Number: GPS-		Station Serial # (SSN): PELH	
NAD83 Latitude 0		NAD83 Longitude 0	NAD83 Ellipsoidal Height meters		Agency Full Name: G.W. STEPHENS, JR. & ASSOC.	
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds		Operator Full Name: JEFFREY W. HAYS		
Actual Start 17:05 Stop 17:55		Elevation Mask = _____ Degrees		Phone #: (410) 297-2340		
Receiver Brand & Model: TRIMBLE 5800		Antenna Code*, Brand & Model:		e-mail address: jshaw@gwstephens.com		
P/N: 45145-46		P/N:		Antenna plumb before session? <input checked="" type="radio"/> (Y/N) Circle		
S/N: 4423134851		S/N:		Antenna plumb after session? <input type="radio"/> (Y/N) Yes or No		
Firmware Version:		Cable Length, meters:		Antenna oriented to true North? <input checked="" type="radio"/> (Y/N) -If no,		
<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.		Weather observed at antenna ht. <input checked="" type="radio"/> (Y/N) explain		
				Antenna ground plane used? <input type="radio"/> (Y/N)		
				Antenna radome used? <input type="radio"/> (Y/ N) If yes,		
				Eccentric occupation (>0.5 mm)? <input type="radio"/> (Y/ N) describe.		
				Any obstructions above 10°? <input checked="" type="radio"/> (Y/N) Use		
				Radio interference source nearby <input type="radio"/> (Y/ N) Vis. form		
Tripod or Antenna Mount: Check one: <input type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount			** ANTENNA HEIGHT **		Before Session Begins:	
Brand & Model: SRO					Meters Feet	
P/N: 5119-00 FLY						
S/N:						
Last Adjustment date:						
Psychrometer (if used) Brand & Model:			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		2.000 6.562	
			= Datum Point to Antenna Reference Point (ARP)		2.000 6.562	
P/N:			Meters = Feet x (0.3048)		Note &/or sketch ANY unusual conditions.	
S/N:			Height Entered Into Receiver = _____ meters.		Be Very Explicit as to where and how Measured!	
Last Calibration or check Date:						
Barometer (if used) Brand & Model:		Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius
S/N:		Before	00011	17:05		
		Middle	00011	17:30		
		After	00011	17:55		
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 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, over15 mph (24km/h)
Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind						