

 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) <u>WILMON</u>		Station PID, if any:		Date (UTC): <u>3/25/09</u>			
	General Location: <u>38 WILMON ST. CHESAPEAKE CITY, MD 21915</u>		Airport ID, if any:		Station 4-Character ID: <u>WMON</u>			
Project Name: <u>CECIL COUNTY HMON</u>		Project Number: GPS-		Station Serial # (SSN):		Session ID: (A,B,C etc) <u>BH</u>		
NAD83 Latitude o "		NAD83 Longitude o "		NAD83 Ellipsoidal Height meters		Agency Full Name: <u>G.W. STEPHENS, JR & ASSOC.</u> Operator Full Name: <u>JEFFREY W. HAYS</u> Phone #: (<u>410</u>) <u>297-2340</u> e-mail address: <u>jshawncgnstephens.com</u>		
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start <u>19:04</u> Stop <u>19:55</u>		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters				
Receiver Brand & Model: <u>TRIMBLE 5800</u> P/N: <u>45145-46</u> S/N: <u>4423134B51</u> 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, Weather observed at antenna ht. <input checked="" type="radio"/> (Y/N) explain Antenna ground plane used? <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: <u>SECO</u> P/N: <u>5119-00 FLY</u> S/N: Last Adjustment date:		** 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)		<u>2.000</u>	<u>6.562</u>	<u>2.000</u>	<u>6.562</u>	
		B= Additional offset to ARP if any (Tribrach/Spacer)		<u>0.000</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>	
		H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<u>2.000</u>	<u>6.562</u>	<u>2.000</u>	<u>6.562</u>	
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	<u>00011</u>	<u>19:04</u>				
		Middle	<u>00011</u>	<u>19:29</u>				
		After	<u>00010</u>	<u>19:55</u>				
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 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								