

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) <i>MAC OFF</i>		Station PID, if any:		Date (UTC): <i>3-29-09</i>			
	General Location: <i>30 COUNTRY HILLS CT. NEWARK, DE 19711</i>		Airport ID, if any:		Station 4-Character ID: <i>MCDF</i> Day of Year: <i>083</i>			
Project Name: <i>CECIL COUNTY H-MON</i>			Project Number: GPS-		Station Serial # (SSN): Session ID: (A,B,C etc) <i>H</i>			
NAD83 Latitude O "		NAD83 Longitude O "		NAD83 Ellipsoidal Height meters		Agency Full Name: <i>G.W. STEPHENS JR & ASSOC.</i> Operator Full Name: <i>JEFFREY W. HAYS</i> Phone #: <i>(410) 297-2340</i> e-mail address: <i>jshw@gwstephens.com</i>		
Observation Session Times (UTC): Sched. Start _____ Stop <i>20:20</i>		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters				
Actual Start <i>19:43</i> Stop <i>20:20</i>								
Receiver Brand & Model: <i>TRIMBLE 4800</i> P/N: <i>32119-56</i> S/N: <i>0220160895</i> 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="checkbox"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="checkbox"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="checkbox"/> (Y/N) -If no, Weather observed at antenna ht. <input checked="" type="checkbox"/> (Y/N) explain Antenna ground plane used? <input checked="" type="checkbox"/> (Y/N) " Antenna radome used? <input checked="" type="checkbox"/> (Y/N) If yes, Eccentric occupation (>0.5 mm)? <input checked="" type="checkbox"/> (Y/N) describe. Any obstructions above 10°? <input checked="" type="checkbox"/> (Y/N) Use Radio interference source nearby <input checked="" type="checkbox"/> (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 Brand & Model: <i>SECO</i> P/N: <i>5119-00 FLY</i> S/N: Last Adjustment date: <i>3-23-2009</i>			** 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)		<i>2.000</i>	<i>6.562</i>	<i>2.000</i>	<i>6.562</i>
			B= Additional offset to ARP if any (Tribrach/Spacer)		<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>
			H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<i>2.000</i>	<i>6.562</i>	<i>2.000</i>	<i>6.562</i>
			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	<i>00000</i>	<i>19:43</i>				
		Middle	<i>00001</i>	<i>20:02</i>				
		After	<i>00001</i>	<i>20:20</i>				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <i>19:43, 20:02, 20:20</i>								
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 0 1 2	PROBLEM did not occur did occur - not used -	VISIBILITY Good, over 15 miles Fair, 7-15 miles Poor, under 7 miles	TEMPERATURE Normal, 32° F- 80° F Hot, over 80° F (27 C) Cold, below 32° F (0 C)	CLOUD COVER Clear, below 20% Cloudy, 20% to 70% Overcast, over 70%	WIND Calm, under 5mph (8km/h) Moderate, 5 to 15 mph 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								