

 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>SUNSET</u>		Station PID, if any:		Date (UTC): <u>3-20-2009</u>			
	General Location: <u>80 POND CREEK LANE, EARLEVILLE, MD 21919</u>		Airport ID, if any:		Station 4-Character ID: <u>SUNT</u>			
Project Name: <u>CECIL COUNTY HMOD</u>		Project Number: <u>GPS-</u>		Station Serial # (SSN):		Session ID:(A,B,C etc) <u>A</u>		
NAD83 Latitude o "		NAD83 Longitude o "		NAD83 Ellipsoidal Height meters		Agency Full Name: <u>G.W. STEPHENS</u> Operator Full Name: <u>JAMES SHAW</u> Phone #: (<u>410</u>) <u>297-2340</u> e-mail address: <u>jshaw@gwstephens.com</u>		
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. meters				
Actual Start <u>12:14</u> Stop <u>13:00</u>		GEOID99 Geoid Height meters						
Receiver Brand & Model: <u>TRIMBLE 4300</u> P/N: <u>32119-56</u> S/N: <u>0220160895</u> Firmware Version: _____		Antenna Code*, Brand & Model: P/N: _____ S/N: _____ Cable Length, meters: _____		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) "				
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Vehicle is Parked _____ meters _____ (direction) from antenna.		Antenna radome used? <input checked="" type="radio"/> (Y/N) If yes, Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y/N) describe. Any obstructions above 10°? <input checked="" type="radio"/> (Y/N) Use Radio interference source nearby <input checked="" 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 2.0 m</u> P/N: _____ S/N: <u>519-00-FLY / 1DP55 MAY04</u> Last Adjustment date: <u>3-17-2009</u>			** ANTENNA HEIGHT **		Before Session Begins: 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>0.000</u> <u>6.562</u>			
			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	<u>01000</u>	<u>12:14</u>				
		Middle	<u>01000</u>	<u>12:40</u>				
		After	<u>01000</u>	<u>13:00</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								