

 <b>GPS STATION OBSERVATION LOG</b> 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) <div style="text-align: center; font-size: 1.2em;">SEAL</div>			Station PID, if any: <div style="text-align: center; font-size: 1.2em;">AJ7995</div>		Date (UTC): <div style="text-align: center; font-size: 1.2em;">03/17/09</div>			
	General Location: Airport ID, if any: <div style="text-align: center; font-size: 1.2em;">opp 810 Telegraph Rd, Rising Sun MD 21911</div>			Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">SEAL</div>		Day of Year: <div style="text-align: center; font-size: 1.2em;">076</div>			
Project Name: <div style="text-align: center; font-size: 1.2em;">CECIL COUNTY HMOD</div>			Project Number: <div style="text-align: center; font-size: 1.2em;">GPS-</div>		Station Serial # (SSN):		Session ID:(A,B,C etc) <div style="text-align: center; font-size: 1.2em;">B</div>		
NAD83 Latitude <div style="text-align: center;">0</div>		NAD83 Longitude <div style="text-align: center;">0</div>		NAD83 Ellipsoidal Height <div style="text-align: center;">meters</div>		Agency Full Name: <div style="text-align: center; font-size: 1.2em;">G. W. Stephens, Jr. and Assoc.</div> Operator Full Name: <i>RAYMOND G. CAMER JR</i>  Phone #: (     ) (410) 297-2340  e-mail address: JShaw@gwstephens.com			
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds Elevation _____ meters Mask = _____ Degrees		NAVD88 Orthometric Ht. _____ meters  GEOID99 Geoid Height _____ meters					
Actual Start <u>12:27</u> Stop <u>13:15</u>									
Receiver Brand & Model: <i>TRIMBLE 4800</i>  P/N: <i>32119-56</i> S/N: <i>0220160896</i> 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) "  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: <i>SECO</i> P/N: <i>5119-00-FLY</i> S/N: _____ Last Adjustment date: _____  Psychrometer (if used) Brand & Model:  P/N: _____ S/N: _____ Last Calibration or check Date: _____			** ANTENNA HEIGHT **			Before Session Begins: Meters     Feet		After Session Ends: Meters     Feet	
			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 <i>6.562</i>		
			Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters.			Note &/or sketch <b>ANY</b> unusual conditions. Be <b>Very Explicit</b> 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>01020</i>	<i>12:27</i>					
		Middle	<i>01020</i>	<i>12:55</i>					
		After	<i>01020</i>	<i>13:15</i>					
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:  <div style="font-size: 1.5em; margin-top: 20px;">Pictures # 293</div>									
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 checked="" 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									