

 <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;">DEERHAVEN</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3-19-09</div>				
	General Location: <div style="text-align: center;">4 Bluefield Dr, Elkton MD 21921</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">DRHV</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;">D</div>			
NAD83 Latitude <div style="text-align: center;">o</div>		NAD83 Longitude <div style="text-align: center;">o</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: <div style="text-align: center; font-size: 1.2em;">Roy Miller</div> Phone #: (     ) <div style="text-align: center; font-size: 1.2em;">(410) 297-2340</div> e-mail address: <div style="text-align: center;">JShaw@gwstephens.com</div>			
Observation Session Times (UTC): Sched. Start <u>12:15</u> Stop <u>1:25</u>		Epoch Interval=     Seconds		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>					
Actual Start <u>16:15</u> Stop <u>17:25</u>		Elevation Mask =     Degrees		GEOID99 Geoid Height <div style="text-align: center;">meters</div>					
Receiver Brand & Model:  <div style="font-size: 1.2em;">Trimble 5800 45145-46</div> P/N: S/N: <u>4423134651</u> Firmware Version:			Antenna Code*, Brand & Model:  P/N: S/N: Cable Length, meters:			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)     "			
<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.			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 (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: <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:			<b>A=</b> Datum point to Top of Tripod (Tripod Height)		2.000	6.562	2.000	6.562	
			<b>B=</b> Additional offset to ARP if any (Tribach/Spacer)		0.000	0.000	0.000	0.000	
			<b>H=</b> Antenna Height = <b>A + B</b>		2.000	6.562	2.000	6.562	
			<b>=</b> Datum Point to Antenna Reference Point (ARP)		2.000	6.562	2.000	6.562	
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	01020	16:13						
	Middle	01021	16:50						
	After	01021	17:27						
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:          <div style="text-align: center; font-size: 0.8em;">Weather codes are required. Weather data are optional but encouraged. *Antenna code comes from ant_info file furnished by project coordinator.</div>									
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 checked="" type="checkbox"/> Attached <input 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									