

 <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;">CARA</div>		Station PID, if any:		Date (UTC): <div style="text-align: center;">03.18.09</div>			
	General Location: Turkey Pt @ Cara Cove, North East MD 21901		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center;">CARA</div>			
Project Name: <div style="text-align: center; font-size: 1.2em;">CECIL COUNTY HMOD</div>		Project Number: <div style="text-align: center;">GPS-</div>		Station Serial # (SSN):		Session ID: (A,B,C etc) <div style="text-align: center; color: red; font-size: 1.5em;">D</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: <b>G. W. Stephens, Jr. and Assoc.</b> Operator Full Name: <b>CHRISTOPHER R. TWINE</b> Phone #: ( ) (410) 297-2340 e-mail address: JShaw@gwstephens.com		
Observation Session Times (UTC): Sched. Start Stop <div style="color: red;">15:15 16:05</div>		Epoch Interval = 5 Seconds Elevation Mask = 10 Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>				
Actual Start Stop <div style="color: red;">3:15 pm 4:05 pm</div>		GEOID99 Geoid Height <div style="text-align: center;">meters</div>						
Receiver Brand & Model: <b>Trimble 5800</b> <b>45145-46</b> P/N: <b>4423134751</b> S/N: 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, explain Weather observed at antenna ht. <input checked="" type="checkbox"/> (Y/N) Antenna ground plane used? (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? (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? (Y/N) 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 checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: P/N: <b>SECO</b> 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 = A + B = Datum Point to Antenna Reference Point (ARP)		2.000	6.562	2.000	6.526
			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	01011	15:15 pm					
	Middle	01011	15:40 pm					
	After	01011	16:05 pm					
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <span style="color: red; font-size: 1.2em;">15:15, 15:40, 16:05</span>								
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 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								