

 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) <div style="text-align: center; font-size: 1.2em;">CECIL</div>		Station PID, if any: <div style="text-align: center; font-size: 1.2em;">JU4122</div>		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3-13-2009</div>				
	General Location: <div style="text-align: center; font-size: 1.2em;">1 Seahawk Dr, North East MD @College</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">CECL</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; font-size: 1.2em;">0</div>		NAD83 Longitude <div style="text-align: center; font-size: 1.2em;">0</div>		NAD83 Ellipsoidal Height <div style="text-align: center; font-size: 1.2em;">meters</div>		Agency Full Name: <div style="text-align: center; font-size: 1.2em;">G. W. Stephens, Jr. and Assoc</div>			
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start <u>14:52</u> Stop <u>15:55</u>		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center; font-size: 1.2em;">meters</div>		Operator Full Name: <div style="text-align: center; font-size: 1.2em;">JAMES SHAW</div>			
Firmware Version:		Cable Length, meters:		GEOID99 Geoid Height <div style="text-align: center; font-size: 1.2em;">meters</div>		Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com			
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">TRIMBLE 4800</div>		Antenna Code*, Brand & Model:		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? <input checked="" type="checkbox"/> (Y/N)		Antenna radome used? <input checked="" type="checkbox"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="checkbox"/> (Y/N) Use Any obstructions above 10'? <input checked="" type="checkbox"/> (Y/N) Radio interference source nearby <input checked="" type="checkbox"/> (Y/N) Vis. form			
<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.							
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: <u>SECO 2.0m</u> S/N: <u>5119-00-FLX/10P55 MAY 04</u> Last Adjustment date: <u>3-12-2009</u>		** 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)		<u>1.500</u> <u>2.000</u>		<u>6.562</u>			
		B= Additional offset to ARP if any (Tribrach/Spacer)		0.000		0.000			
		H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<u>1.500</u> <u>2.000</u>		<u>6.562</u>			
		Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters. Be Very Explicit as to where and how Measured!		Note &/or sketch ANY unusual conditions.					
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	14:52	38°			33	30.51
		Middle	01021	15:25	40°			33	30.56
		After	01010	15:55	42°			34	30.51
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 = 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, over 15 mph (24km/h)			
Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind									