

 <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) <b>COUNTRY</b>		Station PID, if any:		Date (UTC): <b>3/17/09</b>					
	General Location: <b>71 N Friendship Ct, Colora MD 21917</b>		Airport ID, if any:		Station 4-Character ID: <b>COUN</b>					
Project Name: <b>CECIL COUNTY HMOD</b>		Project Number: <b>GPS-</b>		Station Serial # (SSN):		Session ID:(A,B,C etc) <b>9</b>				
NAD83 Latitude 0		NAD83 Longitude 0		NAD83 Ellipsoidal Height meters		Agency Full Name: <b>G. W. Stephens, Jr. and Assoc.</b> Operator Full Name: <b>WILLIAM A. JERIC</b> Phone #: ( ) <b>(410) 297-2340</b> e-mail address: <b>JShaw@gwstephens.com</b>				
Observation Session Times (UTC): Sched. Start <b>1:29</b> Stop <b>2:10</b>		Epoch Interval= _____ Seconds		NAVD88 Orthometric Ht. meters						
Actual Start <b>17:29</b> Stop <b>18:10</b>		Elevation Mask = _____ Degrees		GEOID99 Geoid Height meters						
Receiver Brand & Model:  <b>TRIMBLE 5800</b>  P/N: <b>45145-4V</b> S/N: <b>442314051</b> Firmware Version:		Antenna Code*, Brand & Model:  P/N: S/N: Cable Length, meters:		Antenna plumb before session? <input checked="" type="radio"/> (Y) <input type="radio"/> (N) Circle Antenna plumb after session? <input checked="" type="radio"/> (Y) <input type="radio"/> (N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (Y) <input type="radio"/> (N) -If no, explain Weather observed at antenna ht. <input checked="" type="radio"/> (Y) <input type="radio"/> (N) Antenna ground plane used? <input checked="" type="radio"/> (Y) <input type="radio"/> (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="radio"/> (Y) <input type="radio"/> (N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y) <input type="radio"/> (N) Any obstructions above 10°? <input checked="" type="radio"/> (Y) <input type="radio"/> (N) Use Radio interference source nearby <input checked="" type="radio"/> (Y) <input type="radio"/> (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: <b>5119-00-FLY</b> Last Adjustment date: <b>3/14/09</b>		<b>** ANTENNA HEIGHT **</b>		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= Datum point to Top of Tripod (Tripod Height)</b>		2.000	6.562	2.000	6.562			
		<b>B= Additional offset to ARP if any (Tribrach/Spacer)</b>		0.000	0.000	0.000	0.000			
		<b>H= Antenna Height = A + B</b> <b>= Datum Point to Antenna Reference Point (ARP)</b>		2.000	6.562	2.000	<b>562</b> 6.526			
		Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters. 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	01000	17:27							
	Middle	01010	17:50							
	After	01010	18:12							
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <b>17:27, 17:50, 18:12</b>										
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:		
<b>Table of Weather Codes</b>	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										