

 <b>GPS STATION OBSERVATION LOG</b> April 16, 2003	Station Designation: (check applicable: __ FBN__ CBN__ PAC__ SAC__ BM) <b>COURTHOUSE 2008</b>	Station PID, if any:	Date (UTC): <b>03.11.09</b>
	General Location: <b>31 Woodside Dr, Chesapeake City MD 21915</b>	Airport ID, if any:	Station 4-Character ID: <b>COUR</b>

Project Name: <b>CECIL COUNTY HMOD</b>	Project Number: <b>GPS-</b>	Station Serial # (SSN):	Session ID:(A,B,C etc) <b>F</b>
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NAD83 Latitude o ' "	NAD83 Longitude o ' "	NAD83 Ellipsoidal Height meters	Agency Full Name: <b>G. W. Stephens, Jr. and Assoc.</b> Operator Full Name: <b>CHRISTOPHER E. TWILSON</b> Phone #: ( ) (410) 297-2340 e-mail address: JShaw@gwstephens.com
Observation Session Times (UTC): Sched. Start Stop <b>18:16 18:55</b>		Epoch Interval= <b>5</b> Seconds Elevation Mask = <b>10</b> Degrees	
Actual Start <b>6:16 pm</b> Stop <b>6:55 pm</b>		NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters	

Receiver Brand & Model: <b>TRIMBLE 5800</b> <b>45145-46</b> P/N: <b>4423134751</b> S/N: 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, explain Weather observed at antenna ht. <input checked="" type="radio"/> (Y/N) Antenna ground plane used? <input checked="" type="radio"/> (Y/N) " Antenna radome used? <input checked="" type="radio"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y/N) Use Any obstructions above 10°? <input checked="" type="radio"/> (Y/N) Radio interference source nearby <input checked="" type="radio"/> (Y/N) Vis. form
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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: Psychrometer (if used) Brand & Model: P/N: S/N: Last Calibration or check Date:	<b>** ANTENNA HEIGHT **</b>		Before Session Begins: Meters Feet		After Session Ends: Meters Feet		
	<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 (Tribrach/Spacer)	0.000	0.000	0.000	0.000		
	<b>H=</b> Antenna Height = <b>A + 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:	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp		WetBulb Temp		Rel. % Humidity	Atm. Pressure	
				Fahrenheit	Celsius	Fahrenheit	Celsius		inches Hg	millibar
S/N:	Before	02020	18:15 pm							
	Middle	02020	18:30 pm							
	After	02020	18:55 pm							

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: **18:16, 18:30, 18:55**

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:
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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