

 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;">NE HIGH</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3-18-09</div>				
	General Location: Airport ID, if any: <div style="text-align: center;">North East High School, Elkton MD 21921</div>		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">NEHS</div>		Day of Year: <div style="text-align: center; font-size: 1.2em;">77</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): 				
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;">G. W. Stephens, Jr. and Assoc.</div>			
Observation Session Times (UTC): Sched. Start <u>3:32</u> Stop <u>4:35</u> Actual Start <u>19:32</u> Stop <u>20:35</u>		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>		Operator Full Name: <u>Roy Miller</u> Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com			
GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">Trimble 5800 45145-46</div> P/N: S/N: <u>5119-00-FLY</u> 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, Weather observed at antenna ht. <input checked="" type="radio"/> Y <input type="radio"/> N explain Antenna ground plane used? <input checked="" type="radio"/> Y <input type="radio"/> N " Antenna radome used? <input type="radio"/> Y <input checked="" type="radio"/> N If yes, Eccentric occupation (>0.5 mm)? <input type="radio"/> Y <input checked="" type="radio"/> N describe. Any obstructions above 10°? <input checked="" type="radio"/> Y <input type="radio"/> N Use Radio interference source nearby <input type="radio"/> Y <input checked="" type="radio"/> N Vis. form			
<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.							
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>5800</u> P/N: <u>5119-00-FLY</u> S/N: Last Adjustment date:			** ANTENNA HEIGHT **		Before Session Begins: 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)		2.000 6.562				
			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)		2.000 6.562				
			Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters.		Note &/or sketch ANY unusual conditions. Be Very Explicit 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	19:30				
			Middle	01011	20:00				
			After	01011	20:37				
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) <small>where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension</small>					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									