


NOTE: This form intended for field use. Unsolicited data submitted to NGS must be converted to bluebook format.

 <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>OLD YORK</b>		Station PID, if any:		Date (UTC): <b>03/26/09</b>		
	General Location: <b>79 OLD YORK CT, NORTHEAST MD 21901</b>		Airport ID, if any:		Station 4-Character ID: <b>OLYK</b> Day of Year: <b>079</b>		
Project Name: <b>CECIL COUNTY HMOD</b>			Project Number: <b>GPS-</b>		Station Serial # (SSN): <b>E</b> Session ID:(A,B,C etc)		
NAD83 Latitude 0		NAD83 Longitude 0		NAD83 Ellipsoidal Height meters NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters		Agency Full Name: <b>G.W. STEPHENS, JR AND ASSOC.</b> Operator Full Name: <b>RAYMOND G. CRAMER JR</b> Phone #: <b>(410) 297-2340</b> e-mail address:	
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start <b>17:26</b> Stop <b>19:00</b>		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees					
Receiver Brand & Model: <b>TRIMBLE 4800</b>  P/N: <b>32119-56</b> S/N: <b>0220160896</b> 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 <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  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 Use Any obstructions above 10'? <input checked="" type="radio"/> Y <input type="radio"/> N Vis. form Radio interference source nearby <input checked="" type="radio"/> Y <input type="radio"/> N			
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: <b>SECO</b> P/N: <b>5119-00-FLY</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	
		A= Datum point to Top of Tripod (Tripod Height)		2.00		6.562	
		B= Additional offset to ARP if any (Tribach/Spacer)		0.00		0.00	
		H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		2.00		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:  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	00021	17:26				
	Middle	00011	18:35				
	After	00011	19:00				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:  <b>PICTURES # 6 &amp; 7</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 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							