

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) <div style="text-align: center; font-size: 1.2em;">LARK</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3-23-09</div>						
	General Location: 87 Granite Run Dr., Conowingo MD 21918		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">LARK</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;">X I</div>					
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; font-size: 1.2em;">G. W. Stephens, Jr. and Assoc.</div> Operator Full Name: <div style="text-align: center; font-size: 1.2em;">ROY MILLER</div> Phone #: () <div style="text-align: center; font-size: 1.2em;">(410) 297-2340</div> e-mail address: JShaw@gwstephens.com					
Observation Session Times (UTC): Sched. Start <u>3:58</u> Stop <u>4:35</u> Actual Start <u>19:58</u> Stop <u>20:35</u>		Epoch Interval= Seconds Elevation Mask = Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div> GEOID99 Geoid Height <div style="text-align: center;">meters</div>							
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">Trimble 5800</div> P/N: <u>45145-46</u> S/N: <u>4423134651</u> Firmware Version:		Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters:		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)							
<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="checkbox"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="checkbox"/> (Y/N) Any obstructions above 10°? <input checked="" type="checkbox"/> (Y/N) Use Radio interference source nearby <input checked="" type="checkbox"/> (Y/N) Vis. form							
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>SECO</u> P/N: <u>5119-00-FLY</u> S/N: Last Adjustment date:			** 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)		2.000	6.562	2.000	6.562			
			B= Additional offset to ARP if any (Tribrach/Spacer)		0.000	0.000	0.000	0.000			
			H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		2.000	6.562	2.000	<u>6.562</u>			
			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	<u>00001</u>	<u>19:56</u>							
		Middle	<u>00001</u>	<u>20:16</u>							
		After	<u>00001</u>	<u>20:37</u>							
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 = 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:		
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											