

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: __ FBN__ CBN__ PAC__ SAC__ BM) <p style="text-align: center;">LARK</p>	Station PID, if any:	Date (UTC): 3-23-09
	General Location: 87 Granite Run Dr., Conowingo MD 21918	Airport ID, if any:	Station 4-Character ID: LARK
Project Name: CECIL COUNTY HMOD		Project Number: GPS-	Station Serial # (SSN): X I

NAD83 Latitude o	NAD83 Longitude o	NAD83 Ellipsoidal Height meters	Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: Roy Miller Phone #: ( ) (410) 297-2340 e-mail address: JShaw@gwstephens.com
Observation Session Times (UTC): Sched. Start 3:58 Stop 4:35 Actual Start 19:58 Stop 20:35		NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters	
Epoch Interval= ___ Seconds Elevation Mask = ___ Degrees			

Receiver Brand & Model: Trimble 5800 P/N: 45145-46 S/N: 4423134651 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="checkbox"/> (N) Circle Antenna plumb after session? <input checked="" type="checkbox"/> (N) Yes or No Antenna oriented to true North? <input checked="" type="checkbox"/> (N) -If no, Weather observed at antenna ht. <input checked="" type="checkbox"/> (N) explain Antenna ground plane used? (Y/N) " Antenna radome used? (Y/N) If yes, Eccentric occupation (>0.5 mm)? (Y/N) describe. Any obstructions above 10°? <input checked="" type="checkbox"/> (N) Use Radio interference source nearby (Y/N) Vis. form
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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: SECO P/N: 5119-00-FLY 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:		After Session Ends:	
			Meters	Feet	Meters	Feet
	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	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		WetBulb Temp		Rel. % Humidity	Atm. Pressure	
				Fahrenheit	Celsius	Fahrenheit	Celsius		inches Hg	millibar
	Before	00001	19:56							
	Middle	00001	20:16							
	After	00001	20:37							

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:
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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