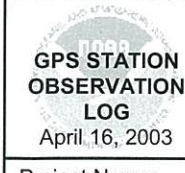


NOTE: THIS FORM INTENDED FOR FIELD USE. UNSOLICITED DATA  
SUBMITTED TO NGS MUST BE CONVERTED TO BLUEBOOK FORMAT.

 <b>GPS STATION OBSERVATION LOG</b> April 16, 2003	Station Designation: (check applicable: ___ FBN ___ CBN ___ PAC ___ SAC ___ BM) <b>LUCY</b>		Station PID, if any:		Date (UTC): <b>3-23-2009</b>		
	General Location: <b>I-950 CHEETAPEAKE HSE. N.B. ENTRANCE MD</b>		Airport ID, if any: <b>NORTH EAST MD</b>		Station 4-Character ID: <b>LUCY</b>		
Project Name: <b>CECIL COUNTY HMON</b>		Project Number: <b>GPS-</b>		Station Serial # (SSN):		Day of Year: <b>082</b>	
NAD83 Latitude 0		NAD83 Longitude 0		NAD83 Ellipsoidal Height meters		Agency Full Name: <b>G.W. STEPHENS, JR</b>	
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. meters		Operator Full Name: <b>JAMES SHAW</b>	
Actual Start <b>15:58</b> Stop <b>16:45</b>		GEOID99 Geoid Height meters		Phone #: (410) <b>297-2340</b>		e-mail address: <b>jshaw@gwstephens.com</b>	
Receiver Brand & Model: <b>TRIMBLE 4800</b> P/N: <b>32119-56</b> S/N: <b>0220160895</b> Firmware Version: <input type="checkbox"/> CamCorder Battery, <input checked="" 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 type="radio"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input type="radio"/> (Y/N) Use Any obstructions above 10'? <input type="radio"/> (Y/N) Use Radio interference source nearby <input type="radio"/> (Y/N) Vis. form	
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 2.0 m</b> P/N: S/N: <b>5119-00-FLY / 1DP55 MAY04</b> Last Adjustment date: <b>3.23.2009</b>		<b>** ANTENNA HEIGHT **</b>		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) B= Additional offset to ARP if any (Tribrach/Spacer) H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP) Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters.		2.000 6.562		2.000 6.562	
Barometer (if used) Brand & Model: S/N:		Weather Data Before Middle After		Weather Codes 00001 00001 00001		Time (UTC) 15:58 16:25 16:45	
		Dry-Bulb Temp Fahrenheit Celsius		WetBulb Temp Fahrenheit Celsius		Rel. % Humidity	
		Atm. Pressure inches Hg millibar					
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 = aaaaddds.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							