

 <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) <div style="text-align: center; font-size: 1.2em;">STEEPLECHASE</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">03-24-09</div>			
	General Location: <div style="text-align: center; font-size: 1.2em;">356 FAIR HILL DR, ELKTON MD 21921</div>		Airport ID, if any: <div style="text-align: center; font-size: 1.2em;">0APCHREN</div>		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">STEE</div>			
Project Name: <div style="text-align: center; font-size: 1.2em;">LEGIL COUNTY LIMOD</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;">I</div>		
NAD83 Latitude <div style="text-align: center;">0</div>		NAD83 Longitude <div style="text-align: center;">0</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;">RAYMOND G. CRAMER JR</div> Phone #: (410) 297-2340 e-mail address: Jshaw@gwstephens.com		
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>				
Actual Start <u>19:21</u> Stop <u>20:20</u>		GEOID99 Geoid Height <div style="text-align: center;">meters</div>						
Receiver Brand & Model: <u>Trimble 4800</u> <div style="text-align: center; font-size: 1.2em;">32119-56</div> P/N: <u>32119-00-FL</u> S/N: <u>0220160896</u> Firmware Version: _____			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, Weather observed at antenna ht. <input checked="" type="radio"/> (Y/N) explain Antenna ground plane used? <input checked="" type="radio"/> (Y/N) " Antenna radome used? <input type="radio"/> (Y/N) If yes, Eccentric occupation (>0.5 mm)? <input type="radio"/> (Y/N) describe. Any obstructions above 10°? <input checked="" 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: <u>SECO</u> P/N: <u>5119-00-FLY</u> S/N: _____ Last Adjustment date: _____ Psychrometer (if used) Brand & Model: P/N: _____ S/N: _____ Last Calibration or check Date: _____			** ANTENNA HEIGHT **		Before Session Begins: Meters      Feet			
			A= Datum point to Top of Tripod (Tripod Height)		2.00      6.562      2.00      6.562			
			B= Additional offset to ARP if any (Tribrach/Spacer)		0.00      0.00      0.00      0.00			
			H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		2.00      6.562      2.00      6.562			
			Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters. 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	00000	19:21				
		Middle	00000	20:00				
		After	00000	20:20				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="text-align: center; font-size: 1.2em;">PICTURES # 11 &amp; 12</div>								
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) <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 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								