

 GPS STATION OBSERVATION LOG 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;">LONDON</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; color: red;">03.24.09</div>			
	General Location: <div style="text-align: center;">1104 New London Rd, Elkton MD 21921</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center;">LNDN</div>			
Project Name: <div style="text-align: center; font-size: 1.2em;">CECIL COUNTY HMOD</div>		Project Number: <div style="text-align: center; font-weight: bold;">GPS-</div>		Station Serial # (SSN):		Session ID: (A,B,C etc) <div style="text-align: center; color: red; font-size: 1.5em;">H</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;">G. W. Stephens, Jr. and Assoc.</div> Operator Full Name: <div style="text-align: center; color: red;">CHRISTOPHER R. TWILAN</div> Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com		
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= <u>5</u> Seconds Elevation Mask = <u>10</u> Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>				
Actual Start <u>18:45</u> Stop <u>19:20</u>		GEOID99 Geoid Height <div style="text-align: center;">meters</div>						
Receiver Brand & Model: <div style="text-align: center; color: red; font-weight: bold;">TRIMBLE 5800</div> <div style="text-align: center; color: red;">45145-ALR</div> P/N: S/N: <u>4423134751</u> Firmware Version:		Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters:		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 checked="" type="radio"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y/N) Use Any obstructions above 10'? <input checked="" type="radio"/> (Y/N) Vis. form Radio interference source nearby <input checked="" type="radio"/> (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.						
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: P/N: S/N: <u>SECO</u> 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	6.562	
		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	01001	18:45				
		Middle	01001	19:05				
		After	01001	19:20				
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 0 1 2	PROBLEM did not occur did occur - not used -	VISIBILITY Good, over 15 miles Fair, 7-15 miles Poor, under 7 miles	TEMPERATURE Normal, 32° F- 80° F Hot, over 80°F (27 C) Cold, below 32° F (0 C)	CLOUD COVER Clear, below 20% Cloudy, 20% to 70% Overcast, over 70%	WIND Calm, under 5mph (8km/h) Moderate, 5 to 15 mph 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								