

 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) MERLYN		Station PID, if any:		Date (UTC): 3-23-09		
	General Location: Naylor Blue 7 Blue Naylor Ct, Port Deposit MD 21904		Airport ID, if any:		Station 4-Character ID: MERL		
Project Name: CECIL COUNTY HMOD		Project Number: GPS-		Station Serial # (SSN):		Session ID: (A,B,C etc) 82	
NAD83 Latitude 0		NAD83 Longitude 0		NAD83 Ellipsoidal Height meters NAVD88 Orthometric Ht. meters GEOID99 Geoid 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 1:05 Stop 1:40 Actual Start 17:05 Stop 17:40		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		Antenna plumb before session? <input checked="" type="radio"/> N Circle Antenna plumb after session? <input checked="" type="radio"/> N Yes or No Antenna oriented to true North? <input checked="" type="radio"/> N -If no, Weather observed at antenna ht. <input checked="" type="radio"/> N explain Antenna ground plane used? <input checked="" type="radio"/> N		Antenna radome used? <input checked="" type="radio"/> Y If yes, Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> Y describe. Any obstructions above 10'? <input checked="" type="radio"/> Y Use Radio interference source nearby <input checked="" type="radio"/> Y Vis. form	
Receiver Brand & Model: Trimble 5800 P/N: 45145-46 S/N: 4423154651 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.		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:		** ANTENNA HEIGHT ** A= Datum point to Top of Tripod (Tripod Height) 2.000 6.562 B= Additional offset to ARP if any (Tribrach/Spacer) 0.000 0.000 H= Antenna Height = A + B 2.000 6.562 = Datum Point to Antenna Reference Point (ARP) 2.000 6.562 Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters. Be Very Explicit as to where and how Measured!	
Psychrometer (if used) Brand & Model: P/N: S/N: Last Calibration or check Date:		Barometer (if used) Brand & Model: S/N:		Weather Data Before 00001 17:03 Middle 00001 17:23 After 00001 17:42		Weather Codes Time (UTC) 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 = aaaaddss.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							