

 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;">JMT 03</div>		Station PID, if any: <div style="text-align: center;">DH8015</div>	Date (UTC): <div style="text-align: center;">03/18/09</div>		
	General Location: 1696 Perryville Rd, Perryville MD 21903 HS		Airport ID, if any: <div style="text-align: center;">JM03</div>	Day of Year: <div style="text-align: center;">077</div>		
Project Name: CECIL COUNTY HMOD		Project Number: GPS-	Station Serial # (SSN):	Session ID: (A,B,C etc) <div style="text-align: center;">B</div>		
NAD83 Latitude: 0		NAD83 Longitude: 0	NAD83 Ellipsoidal Height: _____ meters NAVD88 Orthometric Ht.: _____ meters GEOID99 Geoid Height: _____ meters			
Observation Session Times (UTC): Sched. Start: _____ Stop: _____ Actual Start: 12:26 Stop: 13:45		Epoch Interval: _____ Seconds Elevation Mask: _____ Degrees		Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: RAYMOND G. CRAMER JR Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com		
Receiver Brand & Model: TRIMBLE 4800 P/N: 32119-56 S/N: 0220160896 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="radio"/> (Y) / <input type="radio"/> (N) Circle Antenna plumb after session? <input checked="" type="radio"/> (Y) / <input type="radio"/> (N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (Y) / <input type="radio"/> (N) -If no, explain Weather observed at antenna ht. <input checked="" type="radio"/> (Y) / <input type="radio"/> (N) Antenna ground plane used? <input checked="" type="radio"/> (Y) / <input type="radio"/> (N) " Antenna radome used? <input type="radio"/> (Y) / <input checked="" type="radio"/> (N) If yes, describe. Eccentric occupation (>0.5 mm)? <input type="radio"/> (Y) / <input checked="" type="radio"/> (N) Any obstructions above 10°? <input checked="" type="radio"/> (Y) / <input type="radio"/> (N) Use Radio interference source nearby <input type="radio"/> (Y) / <input checked="" type="radio"/> (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: SLECO P/N: _____ S/N: _____ Last Adjustment date: _____		** ANTENNA HEIGHT **		Before Session Begins: 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		
		B= Additional offset to ARP if any (Tribrach/Spacer)		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		
	Before	02020	12:26			
	Middle	02020	13:25			
	After	02020	13:45			
WetBulb Temp Fahrenheit Celsius						
Rel. % Humidity						
Atm. Pressure inches Hg millibar						
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="text-align: center;"> PICTURES #1 & 2 * DENSE FOG * </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) 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						