

 <p>GPS STATION OBSERVATION LOG April 16, 2003</p>	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM)		Station PID, if any:		Date (UTC):			
	JMT 19		DH8031		03/18/09			
General Location:		Airport ID, if any:		Station 4-Character ID:		Day of Year:		
1644 W Pulaski Hwy, Elkton MD 21921				JM19		077		
Project Name:			Project Number:			Station Serial # (SSN):		
CECIL COUNTY HMOD			GPS-			Session ID:(A,B,C etc) I		
NAD83 Latitude		NAD83 Longitude		NAD83 Ellipsoidal Height		Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: <i>RAYMOND G. CRAMER JR</i> Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com		
o		o		meters				
				NAVD88 Orthometric Ht.				
				meters				
Observation Session Times (UTC):		Epoch		GEOID99 Geoid Height				
Sched. Start _____ Stop _____		Interval= _____ Seconds		meters				
Actual Start <u>20:51</u> Stop <u>21:30</u>		Elevation		meters				
		Mask = _____ Degrees						
Receiver Brand & Model: <i>Trimble 4800</i>		Antenna Code*, Brand & Model:		Antenna plumb before session? <input checked="" type="radio"/> Y <input type="radio"/> N		Circle		
P/N: <i>32119-56</i>		P/N:		Antenna plumb after session? <input checked="" type="radio"/> Y <input type="radio"/> N		Yes or No		
S/N: <i>0220160896</i>		S/N:		Antenna oriented to true North? <input checked="" type="radio"/> Y <input type="radio"/> N		-If no, explain		
Firmware Version:		Cable Length, meters:		Weather observed at antenna ht. <input checked="" type="radio"/> Y <input type="radio"/> 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.		Antenna ground plane used? <input checked="" type="radio"/> Y <input type="radio"/> N				
				Antenna radome used? <input checked="" type="radio"/> Y <input type="radio"/> N		If yes, describe.		
				Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> Y <input type="radio"/> N		Use		
				Any obstructions above 10°? <input checked="" type="radio"/> Y <input type="radio"/> N		Vis. form		
				Radio interference source nearby <input checked="" type="radio"/> Y <input type="radio"/> N				
Tripod or Antenna Mount: Check one: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount			** ANTENNA HEIGHT **		Before Session Begins:		After Session Ends:	
Brand & Model: <i>SECO</i>					Meters		Meters	
P/N: <i>5119-00-FLY</i>					Feet		Feet	
S/N:								
Last Adjustment date:								
Psychrometer (if used) Brand & Model:			A= Datum point to Top of Tripod (Tripod Height)		2.000		6.562	
P/N:			B= Additional offset to ARP if any (Tribrach/Spacer)		0.000		0.000	
S/N:			H= Antenna Height = A + B		2.000		6.562	
Last Calibration or check Date:			= Datum Point to Antenna Reference Point (ARP)		2.000		6.526	
			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:		Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar
S/N:		Before	<i>00011</i>	<i>20:51</i>				
		Middle	<i>00011</i>	<i>21:10</i>				
		After	<i>00011</i>	<i>21:30</i>				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="font-size: 1.2em; margin-top: 20px;">PICTURES # 14 & 15</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):				Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier			LOG CHECKED BY:	
(Standard NGS Format = aaaaddds.xxx)				Visibility Obstruction Form: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier				
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension				Photographs of Station: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier				
				Pencil Rubbing of Mark: <input type="checkbox"/> Attached				
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								