

 <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) <b>BM 71 RESET</b>		Station PID, if any: <b>JU4145</b>		Date (UTC): <b>3-25-2009</b>			
	General Location: <b>Cayots Cor Rd @Del Line, Chesapeake City</b>		Station 4-Character ID: <b>BM71</b>		Day of Year: <b>084</b>			
Project Name: <b>CECIL COUNTY HMOD</b>			Project Number: <b>GPS-</b>		Station Serial # (SSN): <b>G</b>			
NAD83 Latitude <b>0</b>		NAD83 Longitude <b>0</b>		NAD83 Ellipsoidal Height meters NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters		Agency Full Name: <b>G. W. Stephens, Jr. and Assoc.</b> Operator Full Name: <b>JAMES SHAW</b> Phone #: ( ) <b>(410) 297-2340</b> e-mail address: <b>JShaw@gwstephens.com</b>		
Observation Session Times (UTC): Sched. Start <b>18:24</b> Stop <b>19:00</b> Actual Start <b>18:24</b> Stop <b>19:00</b>		Epoch Interval= <b>Seconds</b> Elevation Mask = <b>Degrees</b>						
Receiver Brand & Model: <b>TRIMBLE 4800</b> P/N: <b>32119-56</b> S/N: <b>0220160895</b> Firmware Version: <b>5.00</b> <input type="checkbox"/> CamCorder Battery, <input checked="" 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 <b>_____</b> meters <b>_____</b> (direction) from antenna.		Antenna plumb before session? (Y / N) Circle Antenna plumb after session? (Y / N) Yes or No Antenna oriented to true North? (Y / N) -If no, Weather observed at antenna ht. (Y / N) explain Antenna ground plane used? (Y / N) "  Antenna radome used? (Y / N) If yes, Eccentric occupation (>0.5 mm)? (Y / N) describe. Any obstructions above 10°? (Y / N) Use Radio interference source nearby (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: <b>Seco 2.0m</b> P/N: S/N: <b>5119-00-FLY / 1DP55 MAY 04</b> Last Adjustment date:		<b>** ANTENNA HEIGHT **</b>		Before Session Begins: Meters Feet		After Session Ends: Meters Feet		
Psychrometer (if used) Brand & Model:  P/N: S/N: Last Calibration or check Date:		<b>A= Datum point to Top of Tripod (Tripod Height)</b>		<b>1.500 7.291</b> <b>2.000 6.562</b>		<b>1.500 7.291</b> <b>2.000 6.562</b>		
		<b>B=Additional offset to ARP if any (Tribrach/Spacer)</b>		<b>0.000 0.000</b>		<b>0.000 0.000</b>		
		<b>H= Antenna Height = A + B</b> <b>= Datum Point to Antenna Reference Point (ARP)</b>		<b>1.500 7.291</b> <b>2.000 6.562</b>		<b>1.500 7.291</b> <b>2.000 6.526</b>		
		Meters = Feet x (0.3048) Height Entered Into Receiver = <b>_____</b> meters.		Note &/or sketch <b>ANY</b> unusual conditions. 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	<b>01011</b>	<b>18:24</b>				
		Middle	<b>01011</b>	<b>18:45</b>				
		After	<b>01011</b>	<b>19:00</b>				
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 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, over15 mph (24km/h)		
Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind								