

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: __ FBN__ CBN__ PAC__ SAC__ BM) <div style="text-align: center; font-size: 1.2em;">BM 71 RESET</div>		Station PID, if any: <div style="text-align: center;">JU4145</div>		Date (UTC): <div style="text-align: center;">3/11/09</div>				
	General Location: Airport ID, if any: <div style="text-align: center;">Cayots Cor Rd @ Del Line, Chesapeake City</div>		Station 4-Character ID: <div style="text-align: center;">BM71</div>		Day of Year: <div style="text-align: center;">70</div>				
Project Name: <div style="text-align: center; font-size: 1.1em;">CECIL COUNTY HMOD</div>			Project Number: <div style="text-align: center;">GPS-</div>		Station Serial # (SSN): 				
NAD83 Latitude 		NAD83 Longitude 		NAD83 Ellipsoidal Height meters		Agency Full Name: <div style="text-align: center;">G. W. Stephens, Jr. and Assoc.</div> Operator Full Name: <div style="text-align: center;">WILLIAM A. JERIC</div> Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com			
Observation Session Times (UTC): Sched. Start 1:15 Stop		Epoch Interval= Seconds Elevation Mask = Degrees		NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters					
Actual Start 17:15 Stop 17:55									
Receiver Brand & Model: <div style="font-size: 1.1em;">TRIMBLE 5800</div> P/N: S/N: 45145-46 Firmware Version:			Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters:			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, explain Weather observed at antenna ht. (Y/N) Antenna ground plane used? (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.			Antenna radome used? (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? (Y/N) Use Any obstructions above 10°? (Y/N) Vis. form Radio interference source nearby (Y/N)			
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: P/N: 5119-00-FLY S/N: 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 (Tribach/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	01011	17:15					
		Middle	01011	17:36					
		After	01011	17:55					
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: 17:15-17:55 <div style="font-size: 1.1em; margin-top: 10px;"> DRILLED HOLE & SET PK NAIL IN TOP OF OLD MP STONE CEMENTED NAIL IN PLACE </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									