

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: __ FBN__ CBN__ PAC__ SAC__ BM) <div style="text-align: center;">JMT 19</div>		Station PID, if any: <div style="text-align: center;">DH8031</div>		Date (UTC): <div style="text-align: center;">3-25-2009</div>				
	General Location: <div style="text-align: center;">1644 W Pulaski Hwy, Elkton MD 21921</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center;">JM19</div>				
Project Name: <div style="text-align: center;">CECIL COUNTY HMOD</div>			Project Number: <div style="text-align: center;">GPS-</div>		Station Serial # (SSN):				
NAD83 Latitude 0		NAD83 Longitude 0		NAD83 Ellipsoidal Height meters		Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: <u>JAMES SHAW</u> Phone #: ( ) (410) 297-2340 e-mail address: JShaw@gwstephens.com			
Observation Session Times (UTC): Sched. Start Stop		Epoch Interval= <u>5</u> Seconds Elevation Mask = <u>10</u> Degrees		NAVD88 Orthometric Ht. meters					
Actual Start <u>12:07</u> Stop <u>12:45</u>				GEOID99 Geoid Height meters					
Receiver Brand & Model:  <u>TRIMBLE 4800</u> P/N: <u>32119-56</u> S/N: <u>0220160895</u> Firmware Version:		Antenna Code*, Brand & Model:  P/N: S/N: Cable Length, meters:		Antenna plumb before session? <input checked="" type="radio"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="radio"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (Y/N) -If no, Weather observed at antenna ht. <input checked="" type="radio"/> (Y/N) explain Antenna ground plane used? <input checked="" type="radio"/> (Y/N) " Antenna radome used? <input checked="" type="radio"/> (Y/N) If yes, Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y/N) describe. Any obstructions above 10'? <input checked="" type="radio"/> (Y/N) Use Radio interference source nearby <input checked="" type="radio"/> (Y/N) Vis. form					
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other Vehicle is Parked _____ meters _____ (direction) from antenna.									
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: <u>SECO 2.0m</u> P/N: S/N: <u>5119-00-FLY / 1DP55 MAY 04</u> Last Adjustment date: <u>3-23-2009</u>			<b>** ANTENNA HEIGHT **</b>		Before Session Begins: Meters Feet				
Psychrometer (if used) Brand & Model:  P/N: S/N: Last Calibration or check Date:			<b>A=</b> Datum point to Top of Tripod (Tripod Height)		2.000	6.562			
			<b>B=</b> Additional offset to ARP if any (Tribrach/Spacer)		0.000	0.000			
			<b>H=</b> Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		2.000	6.562			
			Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters.		2.000	6.526			
Barometer (if used) Brand & Model:  S/N:			Weather Data Before Middle After	Weather Codes <u>20200</u> <u>20200</u> <u>20100</u>	Time (UTC) <u>12:07</u> <u>12:25</u> <u>12:45</u>	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:  <div style="text-align: center; font-size: 1.2em;">TRIPOD BUBBLE OFF - SPLIT THE DIFFERENCE</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  Examples:	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)			
00000 = No problem, good visibility, normal temp, clear, calm wind      12121 = Problems, poor visibility, hot, overcast, moderate wind									