

 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;">MELTZ</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; color: red;">03.24.09</div>			
	General Location: <div style="text-align: center;">234 Joe Meltz Rd, Warwick MD 21912</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">MELT</div>			
Project Name: <div style="text-align: center; font-size: 1.2em;">CECIL COUNTY HMOD</div>		Project Number: <div style="text-align: center; font-weight: bold;">GPS-</div>		Station Serial # (SSN):		Session ID:(A,B,C etc) <div style="text-align: center; color: red; font-size: 1.5em;">A</div>		
NAD83 Latitude ° ' "		NAD83 Longitude ° ' "		NAD83 Ellipsoidal Height meters		Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: <div style="color: red;">CHRISTOPHER R. TWILMAN</div> Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com		
NAVD88 Orthometric Ht. meters		GEOID99 Geoid Height meters						
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= <u>5</u> Seconds						
Actual Start <u>11:50</u> Stop <u>12:25</u>		Elevation Mask = <u>10</u> Degrees						
Receiver Brand & Model: <div style="color: red;">Trimble 5800 45145-A4</div> P/N: <u>AA23134751</u> S/N: 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, explain Weather observed at antenna ht. <input checked="" type="radio"/> (Y/N) Antenna ground plane used? <input checked="" type="radio"/> (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? <input checked="" type="radio"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y/N) Use Any obstructions above 10'? <input checked="" type="radio"/> (Y/N) Vis. form Radio interference source nearby <input checked="" type="radio"/> (Y/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 Brand & Model: 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 (Tribach/Spacer)		0.000	0.000			
		H= 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	6.562			
Barometer (if used) Brand & Model: S/N:		Weather Data Before Middle After	Weather Codes <div style="color: red;">02020</div> <div style="color: red;">02020</div> <div style="color: red;">02020</div>	Time (UTC) <div style="color: red;">11:50</div> <div style="color: red;">12:10</div> <div style="color: red;">12:25</div>	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="color: red; font-size: 1.5em; text-align: center;">(LITE RAIN)</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								