

 <p><b>GPS STATION OBSERVATION LOG</b> April 16, 2003</p>	Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) <b>THANKLESS</b>		Station PID, if any:		Date (UTC): <b>03.17.09</b>		
	General Location: <b>176 Thankless Lane, Rising Sun MD 21911</b>		Airport ID, if any:		Station 4-Character ID: <b>THNK</b>		
Project Name: <b>CECIL COUNTY HMOD</b>		Project Number: <b>GPS-</b>		Station Serial # (SSN):		Session ID:(A,B,C etc) <b>4</b>	
NAD83 Latitude 0		NAD83 Longitude 0		NAD83 Ellipsoidal Height meters		Agency Full Name: <b>G. W. Stephens, Jr. and Assoc.</b> Operator Full Name: <b>CHRISTOPHER P. TURNER</b> Phone #: ( ) (410) 297-2340 e-mail address: <b>JShaw@gwstephens.com</b>	
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= <b>5</b> Seconds		NAVD88 Orthometric Ht. meters			
Actual Start <b>11:47</b> Stop <b>12:25</b>		Elevation Mask = <b>10</b> Degrees		GEOID99 Geoid Height meters			
Receiver Brand & Model: <b>TRIMBLE 5800</b> <b>451A5-AU</b> P/N: S/N: Firmware Version:		Antenna Code*, Brand & Model:  P/N: S/N: Cable Length, meters:		Antenna plumb before session? <input checked="" type="radio"/> (Y) / <input type="radio"/> (N) Circle Antenna plumb after session? <input checked="" type="radio"/> (Y) / <input type="radio"/> (N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (Y) / <input type="radio"/> (N) -If no, Weather observed at antenna ht. <input checked="" type="radio"/> (Y) / <input type="radio"/> (N) explain Antenna ground plane used? (Y) <input checked="" 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 radome used? (Y) <input checked="" type="radio"/> (N) If yes, Eccentric occupation (>0.5 mm)? (Y) <input checked="" type="radio"/> (N) describe. Any obstructions above 10°? <input checked="" type="radio"/> (Y) / <input type="radio"/> (N) Use Radio interference source nearby (Y) <input checked="" type="radio"/> (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: P/N: S/N: 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:		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		2.000	6.562	2.000	6.562
		= 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 <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	0202 1	11:45 am				
	Middle	0202 1	12:25 pm				
	After	0202 1	12:25 pm				
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 = aaaaddds.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:	
<b>Table of Weather Codes</b>	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							