

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: __ FBN__ CBN__ PAC__ SAC__ BM) THEODORE		Station PID, if any:		Date (UTC): 03/13/09			
	General Location: 477 Ebenezer Church Rd, Rising Sun MD		Airport ID, if any:		Station 4-Character ID: THEO			
Project Name: CECIL COUNTY HMOD		Project Number: GPS-		Station Serial # (SSN):		Session ID:(A,B,C etc) E		
NAD83 Latitude 0		NAD83 Longitude 0		NAD83 Ellipsoidal Height meters		Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: RAYMOND B. CRAMER JR Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com		
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds		NAVD88 Orthometric Ht. meters				
Actual Start 15:56 Stop 16:45		Elevation Mask = _____ Degrees		GEOID99 Geoid Height meters				
Receiver Brand & Model: TRIMBLE 4000 P/N: S/N: 0220160896 Firmware Version: <input type="checkbox"/> CamCorder Battery, <input 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 _____ meters _____ (direction) from antenna.		Antenna plumb before session? <input checked="" type="checkbox"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="checkbox"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="checkbox"/> (Y/N) -If no, explain Weather observed at antenna ht. <input checked="" type="checkbox"/> (Y/N) Antenna ground plane used? <input checked="" type="checkbox"/> (Y/N) "		Antenna radome used? <input checked="" type="checkbox"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="checkbox"/> (Y/N) Use Any obstructions above 10°? <input checked="" type="checkbox"/> (Y/N) Vis. form Radio interference source nearby <input checked="" type="checkbox"/> (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: SECO 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) B= Additional offset to ARP if any (Tribach/Spacer) H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		2.000 6.562 2.000 6.562 0.000 0.000 0.000 0.000 2.000 6.562 2.000 6.562		2.000 6.562 2.000 6.562		
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	00020	15:56				
		Middle	00020	16:25				
		After	00020	16:45				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: PICTURES # 5 + 6								
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 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 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								