GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable:__ FBN__ CBN__ PAC__ SAC __BM) **SUNSET**	Station PID, if any:	Date (UTC): 3/9/09
	General Location: 80 Pond Creek Ln, Earleville MD 21919 Airport ID, if any:	Station 4-Character ID: **SUNT**	Day of Year: 68
	Project Name: **CECIL COUNTY HMOD** Project Number: **GPS-**	Station Serial # (SSN):	Session ID:(A,B,C etc) D

NAD83 Latitude ° ' "	NAD83 Longitude ° ' "	NAD83 Ellipsoidal Height _____ meters	
		NAVD88 Orthometric Ht. _____ meters	Agency Full Name: G. W. Stephens, Jr. and Assoc.
Observation Session Times (UTC): Sched. Start 12:30 Stop 1:04	Epoch Interval=____ Seconds Elevation Mask = _____ Degrees	GEOID99 Geoid Height _____ meters	Operator Full Name: WILLIAM A. JERIC Phone #: ( ) (410) 297-2340
Actual Start 16:30 Stop 17:04			e-mail address: JShaw@gwstephens.com

Receiver Brand & Model:	Antenna Code*, Brand & Model:	Antenna plumb before session? (Y/N) Circle
P/N: TRIMBLE 5800 45145-46 S/N: 44 2314651 Firmware Version:	P/N: S/N: Cable Length, meters:	Antenna plumb after session? (Y/N) Yes or No Antenna oriented to true North? (Y/N) -If no, Weather observed at antenna ht. (Y/N) explain Antenna ground plane used? (Y/N) "
☐ CamCorder Battery, ☐ 12V DC, ☐ 110V AC, ☐ Other Vehicle is Parked _____ meters ____ (direction) from antenna.		Antenna radome used? (Y/N) If yes, Eccentric occupation (>0.5 mm)? (Y/N) describe. Any obstructions above 10°? (Y/N) Use Radio interference source nearby (Y/N) Vis. form

Tripod or Antenna Mount: Check one:
☑ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model:
P/N: 5119-00-FLY
S/N:
Last Adjustment date: 3/9/09

Psychrometer (if used) Brand & Model:
P/N:
S/N:
Last Calibration or check Date:

** ANTENNA HEIGHT **	Before Session Begins: Meters	Feet	After Session Ends: Meters	Feet
A= Datum point to Top of Tripod (Tripod Height)	2.000	6.562	2.000	6.562
B= Additional offset to ARP if any (Tribrach/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	6.526 .562

Meters = Feet x (0.3048)   Note &/or sketch **ANY** unusual conditions.
Height Entered Into Receiver = _____ meters. 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	01012	16:30				
Middle	01012	16:46				
After	01012	17:05				

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: 16:30, 16:46, 17:05

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: ☐ Attached ☐ Submitted earlier Visibility Obstruction Form: ☑ Attached ☐ Submitted earlier Photographs of Station: ☑ Attached ☐ Submitted earlier Pencil Rubbing of Mark: ☐ 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, over15 mph (24km/h)
Examples:	00000 = No problem, good visibility, normal temp, clear, calm wind			12121 = Problems, poor visibility, hot, overcast, moderate wind		