GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation:	(check applicable:__FBN__ CBN__ PAC__ SAC __BM)	Station PID, if any:	Date (UTC):
SUNSET			3/11/09

General Location:	Airport ID, if any:	Station 4-Character ID:	Day of Year:
80 POND CREEK LANE, EARLEVILLE MD 21919		SUNT	070

Project Name:	Project Number: GPS-	Station Serial # (SSN):	Session ID:(A,B,C etc)
CECIL COUNTY HMOD			A

NAD83 Latitude ° ' "	NAD83 Longitude ° ' "	NAD83 Ellipsoidal Height _____ meters	Agency Full Name: G.W. STEPHENS JR & ASSOC.

NAVD88 Orthometric Ht. _____ meters — Operator Full Name: WILLIAM A. JERIC

Observation Session Times (UTC): Sched. Start _____ Stop _____	Epoch Interval=____ Seconds Elevation	GEOID99 Geoid Height _____ meters	Phone #: (410) 297-2340
Actual Start 12:47 Stop 13:30	Mask = ____ Degrees		e-mail address: jshaw@gwstephens.com

Receiver Brand & Model: TRIMBLE 5800
P/N: 45145-46
S/N: 44Z314651
Firmware Version:
☐ CamCorder Battery, ☐ 12V DC, ☐ 110V AC, ☐ Other

Antenna Code*, Brand & Model:
P/N:
S/N:
Cable Length, meters:
Vehicle is Parked _____ meters ____(direction) from antenna.

		Circle
Antenna plumb before session?	(Y/ N)	Yes or No
Antenna plumb after session?	(Y/ N)	-If no,
Antenna oriented to true North?	(Y / N)	explain
Weather observed at antenna ht.	(Y / N)	"
Antenna ground plane used?	(Y / N)	
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: SECO
P/N: 5119-00-FLY
S/N:
Last Adjustment date:

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	6.562

Meters = Feet x (0.3048)
Height Entered Into Receiver = _____ meters.
Note &/or sketch **ANY** unusual conditions. 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	02020	12:47				
	Middle	02020	13:10				
	After	02020	13:30				

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:

LIGHT MIST, FOGGY, NO WIND

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	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
Codes	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		