

NOTE: This form intended for field use. Unsolicited data submitted to NGS must be converted to bluebook format.

 <p>GPS STATION OBSERVATION LOG April 16, 2003</p>	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM) <b>SUNSET</b>	Station PID, if any:	Date (UTC): <b>3-20-2009</b>
	General Location: <b>80 POND CREEK LANE, EARLEVILLE, MD 21919</b>	Airport ID, if any:	Station 4-Character ID: <b>SUNT</b>
Project Name: <b>CECIL COUNTY HMOD</b>	Project Number: <b>GPS-</b>	Station Serial # (SSN):	Session ID:(A,B,C etc) <b>A</b>

NAD83 Latitude o	NAD83 Longitude o	NAD83 Ellipsoidal Height meters	Agency Full Name: <b>G.W. STEPHENS</b> Operator Full Name: <b>JAMES SHAW</b> Phone #: (410) 297-2340 e-mail address: <b>jshaw@gwstephens.com</b>
Observation Session Times (UTC): Sched. Start _____ Stop _____		NAVD88 Orthometric Ht. meters	
Actual Start <b>12:14</b> Stop <b>13:00</b>		GEOID99 Geoid Height meters	
Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees			

Receiver Brand & Model: <b>TRIMBLE 4300</b> P/N: <b>32119-56</b> S/N: <b>0220160895</b> Firmware Version: <input type="checkbox"/> CamCorder Battery, <input checked="" 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) Any obstructions above 10°? <input checked="" type="checkbox"/> (Y/N) Use Radio interference source nearby <input checked="" type="checkbox"/> (Y/N) Vis. form
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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: <b>SECO 2.0m</b> P/N: S/N: <b>519-00-FLY / 1DP55 MAY04</b> Last Adjustment date: <b>3-17-2009</b> Psychrometer (if used) Brand & Model: P/N: S/N: Last Calibration or check Date:	<b>** ANTENNA HEIGHT **</b>		Before Session Begins:		After Session Ends:	
			Meters	Feet	Meters	Feet
	A= Datum point to Top of Tripod (Tripod Height)		<b>2.000</b>	<b>6.562</b>	<b>2.000</b>	<b>6.562</b>
	B= Additional offset to ARP if any (Tribrach/Spacer)		<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<b>2.000</b>	<b>6.562</b>	<b>0.000</b>	<b>6.562</b>	
Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters.		Note &/or sketch ANY 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		<b>01000</b>	<b>12:14</b>			
Middle		<b>01000</b>	<b>12:40</b>				
After		<b>01000</b>	<b>13:00</b>				

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 = 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 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:
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Table of Weather Codes	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
0	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
1	1	did occur	Fair, 7-15 miles	Hot, over 80° F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
2	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