

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) COURTHOUSE 2008	Station PID, if any:	Date (UTC): 5-28-2009
	General Location: 31 WOODSIDE DRIVE	Airport ID, if any:	Station 4-Character ID: COUR
Project Name: CECIL COUNTY HMOD	Project Number: GPS-	Station Serial # (SSN):	Session ID:(A,B,C etc) A

NAD83 Latitude o ' "	NAD83 Longitude o ' "	NAD83 Ellipsoidal Height meters	Agency Full Name: G.W. STEPHENS Operator Full Name: JAMES SHAW Phone #: (410) 297-2340 e-mail address: jshaw@gwstephens.com
Observation Session Times (UTC): Sched. Start 12:45 Stop 13:20		NAVD88 Orthometric Ht. meters	
Actual Start 12:52 Stop 13:35		GEOID99 Geoid Height meters	

Receiver Brand & Model: TRIMBLE 4800 P/N: 32119-56 S/N: 0220160895 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: INTERNAL 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 type="checkbox"/> (Y/N) -If no, Weather observed at antenna ht. <input checked="" type="checkbox"/> (Y/N) explain Antenna ground plane used? <input type="checkbox"/> (Y/N) " Antenna radome used? <input type="checkbox"/> (Y/N) If yes, Eccentric occupation (>0.5 mm)? <input type="checkbox"/> (Y/N) describe. Any obstructions above 10'? <input checked="" type="checkbox"/> (Y/N) Use Radio interference source nearby (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: SECO 2.0M P/N: 5119-00-FLY/1DP55 MAY 04 S/N: Last Adjustment date: 5-27-2009 Psychrometer (if used) Brand & Model: P/N: S/N: Last Calibration or check Date:	** ANTENNA HEIGHT **		Before Session Begins:		After Session Ends:	
			Meters	Feet	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) 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	02020	12:52			
	Middle	02020	13:15				
	After	02020	13:35				

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 type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Photographs of Station: <input 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	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