

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM)		Station PID, if any:		Date (UTC):										
	RAINTREE				3/12/09										
General Location:		Airport ID, if any:		Station 4-Character ID:		Day of Year:									
68 Raintree Drive, Elkton MD 21921				RAIN		71									
Project Name:		Project Number:		Station Serial # (SSN):		Session ID:(A,B,C etc)									
CECIL COUNTY HMOD		GPS-				6									
NAD83 Latitude		NAD83 Longitude		NAD83 Ellipsoidal Height		Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: WILLIAM A. JERIC Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com									
				meters											
Observation Session Times (UTC):		Epoch		NAVD88 Orthometric Ht.											
Sched. Start 2:40 Stop 3:25		Interval=____ Seconds		meters											
Actual Start 18:40 Stop 19:25		Elevation		GEOID99 Geoid Height											
		Mask = ____ Degrees		meters											
Receiver Brand & Model:		Antenna Code*, Brand & Model:		Antenna plumb before session? <input checked="" type="checkbox"/> N		Circle									
TRIMBLE 5800				Antenna plumb after session? <input checked="" type="checkbox"/> N		Yes or No									
P/N: 45145		P/N:		Antenna oriented to true North? <input checked="" type="checkbox"/> N		-If no, explain									
S/N: 442314615		S/N:		Weather observed at antenna ht. <input checked="" type="checkbox"/> N											
Firmware Version:		Cable Length, meters:		Antenna ground plane used? <input checked="" type="checkbox"/> N											
<input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Vehicle is Parked ____ meters ____ (direction) from antenna.		Antenna radome used? <input checked="" type="checkbox"/> N		If yes, describe.									
				Eccentric occupation (>0.5 mm)? <input checked="" type="checkbox"/> N		Use									
				Any obstructions above 10°? <input checked="" type="checkbox"/> N		Vis. form									
				Radio interference source nearby <input checked="" type="checkbox"/> N											
Tripod or Antenna Mount: Check one:		** ANTENNA HEIGHT **		Before Session Begins:		After Session Ends:									
<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: 3/12/09				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 (Tribach/Spacer)		0.000		0.000		0.000		0.000			
Psychrometer (if used) Brand & Model:				H= Antenna Height = A + B		2.000		6.562		2.000		6.526			
P/N:				= Datum Point to Antenna Reference Point (ARP)											
S/N:				Meters = Feet x (0.3048)											
Last Calibration or check Date:				Height Entered Into Receiver = ____ meters. Be Very Explicit as to where and how Measured!											
				Note &/or sketch ANY unusual conditions.											
Barometer (if used) Brand & Model:		Weather Data		Weather Codes		Time (UTC)		Dry-Bulb Temp Fahrenheit Celsius		WetBulb Temp Fahrenheit Celsius		Rel. % Humidity		Atm. Pressure inches Hg millibar	
S/N:		Before		01011		18:36									
		Middle		01011		19:00									
		After		01011		19:27									
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: 18:36, 19:00, 19:27															
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):								Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier				LOG CHECKED BY:			
(Standard NGS Format = aaaadddd.xxx)								Visibility Observation Form: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier							
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension								Photographs of Station: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier							
								Pencil Rubbing of Mark: <input type="checkbox"/> Attached							
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													