

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) <div style="text-align: center; font-size: 1.2em; color: blue;">RAINTREE</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em; color: blue;">3/24/09</div>				
	General Location: <div style="text-align: center; font-size: 1.2em; color: blue;">68 RAINTREE DR. ELKTON, MD 21921</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em; color: blue;">RAIN</div>				
Project Name: <div style="text-align: center; font-size: 1.2em; color: blue;">CECIL COUNTY HMON</div>		Project Number: <div style="text-align: center; font-size: 1.2em; color: blue;">GPS-</div>		Station Serial # (SSN):		Session ID: (A,B,C etc) <div style="text-align: center; font-size: 1.2em; color: red;">H</div>			
NAD83 Latitude <div style="text-align: center;">0</div>		NAD83 Longitude <div style="text-align: center;">0</div>		NAD83 Ellipsoidal Height <div style="text-align: center;">meters</div>		Agency Full Name: <div style="text-align: center; font-size: 1.2em; color: blue;">GW STEPHENS JR & ASSOC.</div> Operator Full Name: <div style="text-align: center; font-size: 1.2em; color: blue;">JEFFREY W. HAYS</div> Phone #: (410) 297-2340 e-mail address: jshaw@gwstephens.com			
Observation Session Times (UTC): Sched. Start <u>18:46</u> Stop <u>19:20</u> Actual Start <u>18:46</u> Stop <u>19:20</u>		Epoch Interval= _____ Seconds Elevation _____ Degrees Mask = _____ Degrees		NAVD88 Orthometric Ht. _____ meters GEOID99 Geoid Height _____ meters					
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em; color: blue;">TRIMBLE 4800</div> P/N: 32119-56 S/N: 0220160895 Firmware Version: _____		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="radio"/> (N) Circle Antenna plumb after session? <input checked="" type="radio"/> (N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (N) -If no, explain Weather observed at antenna ht. <input checked="" type="radio"/> (N) Antenna ground plane used? <input checked="" type="radio"/> (N) "					
<input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Antenna radome used? <input checked="" type="radio"/> (N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (N) Any obstructions above 10°? <input checked="" type="radio"/> (N) Use Radio interference source nearby <input checked="" type="radio"/> (N) Vis. form							
Tripod or Antenna Mount: Check one: <input type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: <div style="text-align: center; font-size: 1.2em; color: blue;">SECO</div> P/N: 5119-00 FLY S/N: _____ Last Adjustment date: <div style="text-align: center; font-size: 1.2em; color: blue;">3-23-2009</div> 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)		<div style="text-align: center; font-size: 1.2em; color: red;">2.000 6.562</div>		<div style="text-align: center; font-size: 1.2em; color: red;">2.000 6.562</div>		
			B= Additional offset to ARP if any (Tribach/Spacer)		<div style="text-align: center; font-size: 1.2em; color: red;">0.000 0.000</div>		<div style="text-align: center; font-size: 1.2em; color: red;">0.000 0.000</div>		
			H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<div style="text-align: center; font-size: 1.2em; color: red;">2.000 6.562</div>		<div style="text-align: center; font-size: 1.2em; color: red;">2.000 6.562</div>		
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			<div style="text-align: center; font-size: 1.2em; color: blue;">00000</div>	<div style="text-align: center; font-size: 1.2em; color: blue;">18:46</div>					
Middle			<div style="text-align: center; font-size: 1.2em; color: blue;">00001</div>	<div style="text-align: center; font-size: 1.2em; color: blue;">19:03</div>					
After			<div style="text-align: center; font-size: 1.2em; color: blue;">00001</div>	<div style="text-align: center; font-size: 1.2em; color: blue;">19:20</div>					
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="text-align: center; font-size: 1.2em; color: blue;">18:46-19:20</div>									
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 checked="" type="checkbox"/> Attached <input type="checkbox"/> 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, over 15 mph (24km/h)			
Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind									