

 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) <div style="text-align: center; font-size: 1.2em;">CROTHERS</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3-24-09</div>			
	General Location: 347 Crothers Road, Rising Sun MD 21911		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">CRTH</div>			
Project Name: <div style="text-align: center; font-size: 1.2em;">CECIL COUNTY HMOD</div>		Project Number: <div style="text-align: center; font-size: 1.2em;">GPS-</div>		Station Serial # (SSN):		Session ID: (A,B,C etc) <div style="text-align: center; font-size: 1.2em;">AE</div>		
NAD83 Latitude <div style="text-align: center;">° ' "</div>		NAD83 Longitude <div style="text-align: center;">° ' "</div>		NAD83 Ellipsoidal Height <div style="text-align: center;">meters</div>		Agency Full Name: G. W. Stephens, Jr. and Assoc.		
Observation Session Times (UTC): Sched. Start 11:45 Stop 12:20 Actual Start 15:45 Stop 16:20		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>		Operator Full Name: Roy Miller Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com		
GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">Trimble 5800</div> P/N: 45145-46 S/N: 4423134651 Firmware Version: _____		Antenna Code*, Brand & Model: P/N: _____ S/N: _____ Cable Length, meters: _____		Antenna plumb before session? <input checked="" type="radio"/> N <input type="radio"/> Y Circle Antenna plumb after session? <input checked="" type="radio"/> N <input type="radio"/> Y Yes or No Antenna oriented to true North? <input checked="" type="radio"/> N <input type="radio"/> Y -If no, Weather observed at antenna ht. <input checked="" type="radio"/> N <input type="radio"/> Y explain Antenna ground plane used? <input checked="" type="radio"/> Y <input type="radio"/> 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="radio"/> Y <input type="radio"/> N If yes, Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> Y <input type="radio"/> N describe. Any obstructions above 10'? <input checked="" type="radio"/> Y <input type="radio"/> N Use Radio interference source nearby <input checked="" type="radio"/> Y <input 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: SECO P/N: 5119-00-FLY S/N: _____ Last Adjustment date: _____				** ANTENNA HEIGHT **		Before Session Begins: Meters Feet		
Psychrometer (if used) Brand & Model: P/N: _____ S/N: _____ Last Calibration or check Date: _____				A= Datum point to Top of Tripod (Tripod Height)		<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">2.000</div> <div style="text-align: center;">6.562</div> </div>		
				B= Additional offset to ARP if any (Tribrach/Spacer)		<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">0.000</div> <div style="text-align: center;">0.000</div> </div>		
				H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">2.000</div> <div style="text-align: center;">6.562</div> </div>		
				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	00001	15:43				
		Middle	00001	16:05				
		After	00001	16:22				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="font-size: 0.8em;"> Weather codes are required. Weather data are optional but encouraged. *Antenna code comes from ant_info file furnished by project coordinator. </div>								
Data File Name(s): (Standard NGS Format = aaaaaddss.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 checked="" type="checkbox"/> Attached <input 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:	
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								