

 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;">RED POINT</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3-19-09</div>		
	General Location: <div style="text-align: center; font-size: 1.2em;">323 Red Point Rd, North East MD 21901</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">REDP <i>RDPT</i></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): <div style="text-align: center; font-size: 1.2em;">8E</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;">G. W. Stephens, Jr. and Assoc.</div>	
Observation Session Times (UTC): Sched. Start <u>2:02</u> Stop <u>3:00</u> Actual Start <u>18:02</u> Stop <u>19:00</u>		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>		Operator Full Name: <div style="text-align: center; font-size: 1.2em;"><i>Roy Miller</i></div>	
				GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Phone #: () <div style="text-align: center; font-size: 1.2em;">(410) 297-2340</div>	
				e-mail address: <div style="text-align: center;">JShaw@gwstephens.com</div>			
Receiver Brand & Model: <div style="font-size: 1.2em;"><i>Trimble 5800 45145-46</i></div>			Antenna Code*, Brand & Model: <div style="font-size: 1.2em;"><i>P/N: 4423134651</i></div>			Antenna plumb before session? <input checked="" type="radio"/> Y <input type="radio"/> N Circle Antenna plumb after session? <input checked="" type="radio"/> Y <input type="radio"/> N Yes or No Antenna oriented to true North? <input checked="" type="radio"/> Y <input type="radio"/> N -If no, Weather observed at antenna ht. <input checked="" type="radio"/> Y <input type="radio"/> N explain Antenna ground plane used? <input checked="" type="radio"/> Y <input type="radio"/> N "	
Firmware Version: <input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other			Cable Length, meters: 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: <div style="font-size: 1.2em;"><i>S&CO</i></div>			** ANTENNA HEIGHT **			Before Session Begins: Meters Feet	
P/N: <div style="font-size: 1.2em;"><i>5119-00-FLY</i></div>			A= Datum point to Top of Tripod (Tripod Height)			2.000 6.562	
S/N: <div style="font-size: 1.2em;"><i>560</i></div>			B= Additional offset to ARP if any (Tribrach/Spacer)			0.000 0.000	
Last Adjustment date:			H= Antenna Height = A + B			2.000 6.562	
Psychrometer (if used) Brand & Model:			= Datum Point to Antenna Reference Point (ARP)			2.000 6.526	
P/N: <div style="font-size: 1.2em;"><i>560</i></div>			Meters = Feet x (0.3048)			Note &/or sketch ANY unusual conditions.	
S/N: <div style="font-size: 1.2em;"><i>560</i></div>			Height Entered Into Receiver = _____ meters. Be Very Explicit as to where and how Measured!			After Session Ends: Meters Feet	
Last Calibration or check Date:							
Barometer (if used) Brand & Model:		Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity
S/N:		Before	01021	18:00			
		Middle	01021	18:31			
		After	01021	19:02			
Atm. Pressure inches Hg millibar							
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 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							