

 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;">COLORA</div>			Station PID, if any:		Date (UTC): <div style="font-size: 1.2em;">3/17/09</div>		
	General Location: 23 Sweet Potato Ln, Colora MD @ MD269			Airport ID, if any:		Station 4-Character ID: <div style="font-size: 1.2em;">COLO</div>		
Project Name: CECIL COUNTY HMOD			Project Number: GPS-		Station Serial # (SSN):		Session ID: (A,B,C etc) <div style="font-size: 1.2em;">F</div>	
NAD83 Latitude 0		NAD83 Longitude 0		NAD83 Ellipsoidal Height meters NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters		Agency Full Name: <div style="font-size: 1.2em;">G. W. Stephens, Jr. and Assoc.</div> Operator Full Name: <div style="font-size: 1.2em;">WILLIAM A. JERICO</div> Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com		
Observation Session Times (UTC): Sched. Start <u>12:37</u> Stop <u>17:15</u> Actual Start <u>16:37</u> Stop <u>17:15</u>				Epoch Interval = _____ Seconds Elevation Mask = _____ Degrees				
Receiver Brand & Model: <div style="font-size: 1.2em;">TRIMBLE 5800</div> P/N: <u>45145-46</u> S/N: <u>442314651</u> Firmware Version: _____ <input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		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) <input type="radio"/> (Y) Circle Yes or No Antenna plumb after session? <input checked="" type="radio"/> (N) <input type="radio"/> (Y) Antenna oriented to true North? <input checked="" type="radio"/> (N) <input type="radio"/> (Y) -If no, explain " Weather observed at antenna ht. <input checked="" type="radio"/> (N) <input type="radio"/> (Y) Antenna ground plane used? <input checked="" type="radio"/> (N) <input type="radio"/> (Y) Antenna radome used? <input checked="" type="radio"/> (N) <input type="radio"/> (Y) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (N) <input type="radio"/> (Y) Use Any obstructions above 10°? <input checked="" type="radio"/> (N) <input type="radio"/> (Y) Radio interference source nearby <input checked="" type="radio"/> (N) <input type="radio"/> (Y) Vis. form				
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: <u>SECO</u> P/N: <u>5119-00-FLY</u> S/N: _____ Last Adjustment date: <u>3/16/09</u> 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)		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
			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) 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	01020	12:35				
		Middle	01020	12:55				
		After	01020	17:15				
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								