

 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;">TOWN POINT</div>		Station PID, if any:		Date (UTC): <u>20 3-19-09</u>										
	General Location: 1400 Town Pt Rd, Chesapeake City MD 21915		Airport ID, if any:		Station 4-Character ID: TOWN Day of Year: 79										
Project Name: CECIL COUNTY HMOD			Project Number: GPS-		Station Serial # (SSN): Session ID: (A,B,C etc) C										
NAD83 Latitude: 0		NAD83 Longitude: 0		NAD83 Ellipsoidal Height: _____ meters NAVD88 Orthometric Ht. _____ meters GEOID99 Geoid Height _____ meters		Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: Roy Miller Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com									
Observation Session Times (UTC): Sched. Start <u>10:33</u> Stop <u>11:15</u> Actual Start <u>14:33</u> Stop <u>15:15</u>		Epoch Interval = _____ Seconds Elevation Mask = _____ Degrees		Antenna plumb before session? <input checked="" type="radio"/> (N) Circle Yes or No Antenna plumb after session? <input checked="" type="radio"/> (N) 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"/> (Y) (N)			Antenna radome used? <input checked="" type="radio"/> (Y) (N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y) (N) Use Any obstructions above 10°? <input checked="" type="radio"/> (Y) (N) Vis. form Radio interference source nearby <input checked="" type="radio"/> (Y) (N)								
Receiver Brand & Model: Trimble 5800 45145-16 P/N: 4423134651 S/N: _____ 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.													
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: SBCC P/N: 5119-00-FLY S/N: _____ Last Adjustment date: _____ 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 (Tribrach/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		6.526			
				Meters = Feet x (0.3048) 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: _____ 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		01011		14:31									
		Middle		01011		14:54									
		After		01011		15:17									
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 = 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 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					