

 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)		Station PID, if any:		Date (UTC):																						
	HUNTSTER				03.24.09																						
General Location:		Airport ID, if any:		Station 4-Character ID:		Day of Year:																					
905 Rock Springs Rd, Conowingo MD 21918				HUNT		083																					
Project Name:			Project Number:			Station Serial # (SSN):																					
CECIL COUNTY HMOD			GPS-			A																					
NAD83 Latitude		NAD83 Longitude		NAD83 Ellipsoidal Height		Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: CHRISTOPHER R. TURNER Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com																					
				meters																							
Observation Session Times (UTC):		Epoch		NAVD88 Orthometric Ht.																							
Sched. Start _____ Stop _____		Interval= <u>5</u> Seconds		meters																							
Actual Start <u>11:35</u> Stop <u>12:15</u>		Elevation		GEOID99 Geoid Height																							
		Mask = <u>10</u> Degrees		meters																							
Receiver Brand & Model:			Antenna Code*, Brand & Model:			Antenna plumb before session? <input checked="" type="checkbox"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="checkbox"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="checkbox"/> (Y/N) -If no, explain Weather observed at antenna ht. <input checked="" type="checkbox"/> (Y/N) Antenna ground plane used? <input checked="" type="checkbox"/> (Y/N) " Antenna radome used? <input checked="" type="checkbox"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="checkbox"/> (Y/N) Use Any obstructions above 10°? <input checked="" type="checkbox"/> (Y/N) Vis. form Radio interference source nearby <input checked="" type="checkbox"/> (Y/N)																					
P/N: <u>TRIMBLE 5800</u> S/N: <u>45145-44</u> Firmware Version:			P/N: S/N: Cable Length, meters:																								
<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.																								
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: P/N: S/N: <u>SECO</u> Last Adjustment date:				** ANTENNA HEIGHT **				Before Session Begins: Meters Feet		After Session Ends: 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)		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		6.562															
				Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters. 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		01001		11:35																			
				Middle		01001		11:50																			
				After		01001		12:15																			
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 checked="" 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															