

 <b>GPS STATION OBSERVATION LOG</b> 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) <b>TURKEY POINT 2008</b>		Station PID, if any:		Date (UTC): <b>03/20/09</b>				
	General Location: <b>Elk Neck Lighthouse, North East MD 21901</b>		Airport ID, if any:		Station 4-Character ID: <b>TKPT</b>				
Project Name: <b>CECIL COUNTY HMOD</b>		Project Number: <b>GPS-</b>		Station Serial # (SSN):		Session ID:(A,B,C etc) <b>A</b>			
NAD83 Latitude o		NAD83 Longitude o		NAD83 Ellipsoidal Height meters		Agency Full Name: <b>G. W. Stephens, Jr. and Assoc.</b> Operator Full Name: <b>RAYMOND G. CRAMER JR</b> Phone #: ( ) (410) 297-2340 e-mail address: <b>JShaw@gwstephens.com</b>			
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds		NAVD88 Orthometric Ht. meters					
Actual Start <b>12:25</b> Stop <b>13:00</b>		Elevation Mask = _____ Degrees		GEOID99 Geoid Height meters					
Receiver Brand & Model: <b>Trimble 4800</b>  P/N: <b>32119-56</b> S/N: <b>0220160896</b> Firmware Version:		Antenna Code*, Brand & Model:  P/N: S/N: Cable Length, meters:		Antenna plumb before session? (Y/N) Circle Antenna plumb after session? (Y/N) Yes or No Antenna oriented to true North? (Y/N) -If no, Weather observed at antenna ht. (Y/N) explain Antenna ground plane used? (Y/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? (Y/N) If yes, Eccentric occupation (>0.5 mm)? (Y/N) describe. Any obstructions above 10°? (Y/N) Use Radio interference source nearby (Y/N) 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: <b>SECO</b> P/N: <b>5119-00-FLY</b> S/N: Last Adjustment date:			<b>** ANTENNA HEIGHT **</b>		Before Session Begins: Meters Feet				
Psychrometer (if used) Brand & Model:  P/N: S/N: Last Calibration or check Date:			<b>A=</b> Datum point to Top of Tripod (Tripod Height)		2.000	6.562			
			<b>B=</b> Additional offset to ARP if any (Tribach/Spacer)		0.000	0.000			
			<b>H=</b> Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		2.000	6.562			
			Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters. Be <b>Very Explicit</b> as to where and how Measured!		2.000	6.526			
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	00000	12:25				
			Middle	00000	12:45				
			After	00000	13:00				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:  <b>PICTURES # 1, 2 &amp; 3</b>									
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		CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND		
Weather Codes		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		