

 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;"><i>THEODORE</i></div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;"><i>3/24/09</i></div>			
	General Location: <div style="text-align: center; font-size: 1.2em;"><i>477 EBENEZER CHURCH RD NORTH EAST 21911</i></div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;"><i>THEO</i></div>			
Project Name: <div style="text-align: center; font-size: 1.2em;"><i>CECIL COUNTY H/MRD</i></div>		Project Number: <div style="text-align: center; font-size: 1.2em;"><i>GPS-</i></div>		Station Serial # (SSN):		Session ID:(A,B,C etc) <div style="text-align: center; font-size: 1.2em;"><i>E</i></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;"><i>GW STEPHENS JR & ASSOC.</i></div>		
Observation Session Times (UTC): Sched. Start <i>15:43</i> Stop <i>16:20</i> Actual Start <i>15:43</i> Stop <i>16:20</i>		Epoch Interval= <i>1</i> Seconds Elevation Mask = <i>1</i> Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>		Operator Full Name: <div style="text-align: center; font-size: 1.2em;"><i>JEFFREY W. HAYS</i></div>		
GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Phone #: <i>(410) 297-2390</i>		e-mail address: <i>jshaw@gwstephens.com</i>				
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;"><i>TRIMBLE 4800</i></div>		Antenna Code*, Brand & Model: <div style="text-align: center; font-size: 1.2em;"><i>P/N: 32119-56</i> <i>S/N: 0220160895</i> <i>Firmware Version:</i></div>		Antenna plumb before session? <input checked="" type="radio"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="radio"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (Y/N) -If no, explain Weather observed at antenna ht. <input checked="" type="radio"/> (Y/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) Any obstructions above 10'? <input checked="" type="radio"/> (Y/N) Use Radio interference source nearby <input checked="" type="radio"/> (Y/N) Vis. form		
<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 type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: <i>SECO</i> P/N: <i>5119-00 FLY</i> S/N: Last Adjustment date: <div style="text-align: center; font-size: 1.2em;"><i>3-23-2009</i></div>		** 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) B= Additional offset to ARP if any (Tribrach/Spacer) H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)						
		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	<i>00000</i>	<i>15:43</i>				
		Middle	<i>00000</i>	<i>15:03</i>				
		After	<i>00001</i>	<i>16:20</i>				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <i>15:43-16:20</i>								
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 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								