

 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;">BUDD</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3-26-2009</div>				
	General Location: <div style="text-align: center; font-size: 1.2em;">33 Megan Drive, Warwick MD 21912</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">BUDD</div>				
Project Name: <div style="text-align: center; font-size: 1.2em;">CECIL COUNTY HMOD</div>		Project Number: <div style="text-align: center; font-size: 1.2em;">GPS-</div>		Station Serial # (SSN):		Session ID:(A,B,C etc) <div style="text-align: center; font-size: 1.2em;">D</div>			
NAD83 Latitude <div style="text-align: center;">o</div>		NAD83 Longitude <div style="text-align: center;">o</div>		NAD83 Ellipsoidal Height <div style="text-align: center;">meters</div>		Agency Full Name: <div style="text-align: center; font-size: 1.2em;">G. W. Stephens, Jr. and Assoc.</div> Operator Full Name: <div style="text-align: center; font-size: 1.2em;">JAMES SHAW</div> Phone #: (     ) <div style="text-align: center; font-size: 1.2em;">(410) 297-2340</div> e-mail address: JShaw@gwstephens.com			
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>					
Actual Start <u>14:58</u> Stop <u>15:40</u>		GEOID99 Geoid Height <div style="text-align: center;">meters</div>							
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">TRIMBLE 4800</div> P/N: <u>32119-56</u> S/N: <u>0220160895</u> Firmware Version: _____			Antenna Code*, Brand & Model: P/N: _____ S/N: _____ Cable Length, meters: _____			Antenna plumb before session? <input checked="" type="radio"/> Y <input type="radio"/> N Circle Antenna plumb after session? <input checked="" type="radio"/> Y <input type="radio"/> N Yes or No Antenna oriented to true North? <input checked="" type="radio"/> Y <input type="radio"/> N -If no, Weather observed at antenna ht. <input checked="" type="radio"/> Y <input type="radio"/> N explain Antenna ground plane used? <input checked="" type="radio"/> Y <input type="radio"/> N "			
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other			Vehicle is Parked _____ meters _____ (direction) from antenna.			Antenna radome used? <input checked="" type="radio"/> Y <input type="radio"/> N If yes, Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> Y <input type="radio"/> N describe. Any obstructions above 10°? <input checked="" type="radio"/> Y <input type="radio"/> N Use Radio interference source nearby <input checked="" type="radio"/> Y <input type="radio"/> 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: <u>SECO 2.0m</u> P/N: _____ S/N: <u>5119-00-FLY/1DP55 MAY 04</u> Last Adjustment date: <u>3-26-2009</u>			** ANTENNA HEIGHT **		Before Session Begins: <div style="display: flex; justify-content: space-around;"> <div>Meters</div> <div>Feet</div> </div>	After Session Ends: <div style="display: flex; justify-content: space-around;"> <div>Meters</div> <div>Feet</div> </div>			
Psychrometer (if used) Brand & Model: P/N: _____ S/N: _____ Last Calibration or check Date: _____			A= Datum point to Top of Tripod (Tripod Height)		<div style="display: flex; justify-content: space-around;"> <div>2.000</div> <div>6.562</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>2.000</div> <div>6.562</div> </div>			
			B=Additional offset to ARP if any (Tribrach/Spacer)		<div style="display: flex; justify-content: space-around;"> <div>0.000</div> <div>0.000</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>0.000</div> <div>0.000</div> </div>			
			H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<div style="display: flex; justify-content: space-around;"> <div>2.000</div> <div>6.562</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>2.000</div> <div>6.562</div> </div>			
			Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters.		Note &/or sketch <b>ANY</b> unusual conditions. Be <b>Very Explicit</b> 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	02021	14:58					
		Middle	02020	15:20					
		After	02020	15:40					
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="text-align: center; font-size: 1.2em; margin-top: 20px;">LIGHT, MISTY RAIN</div>									
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 checked="" 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									