

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: __ FBN__ CBN__ PAC__ SAC__ BM) <div style="text-align: center; font-size: 1.2em;">INDEPENDENCE</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3-25-2009</div>			
	General Location: <div style="text-align: center; font-size: 1.2em;">114 Independence Dr, Elkton MD 21921</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">INDP</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):			
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;">G. W. Stephens, Jr. and Assoc.</div>		
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start <u>16:06</u> Stop <u>16:48</u>		Epoch Interval = <u>5</u> Seconds Elevation Mask = <u>10</u> Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>		Operator Full Name: <div style="text-align: center; font-size: 1.2em;">JAMES SHAW</div>		
GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Phone #: () _____ <div style="text-align: center; font-size: 1.2em;">(410) 297-2340</div>		e-mail address: <div style="text-align: center;">JShaw@gwstephens.com</div>				
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">TRIMBLE 4800</div>		Antenna Code*, Brand & Model: <div style="text-align: center;">P/N: _____ S/N: _____</div>		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, explain Weather observed at antenna ht. <input checked="" type="radio"/> (Y) <input type="radio"/> (N) Antenna ground plane used? <input checked="" type="radio"/> (Y) <input type="radio"/> (N)				
P/N: <u>32119-56</u> S/N: <u>0220160895</u> Firmware Version: _____ <input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Cable Length, meters: _____ Vehicle is Parked _____ meters _____ (direction) from antenna.		Antenna radome used? <input checked="" type="radio"/> (Y) <input type="radio"/> (N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y) <input type="radio"/> (N) Use Any obstructions above 10'? <input checked="" type="radio"/> (Y) <input type="radio"/> (N) Vis. form Radio interference source nearby <input checked="" type="radio"/> (Y) <input type="radio"/> (N)				
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/IDP55 MAY 04</u> Last Adjustment date: <u>3-23-2009</u>		** ANTENNA HEIGHT **		Before Session Begins: 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 <u>6.562</u>				
		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	<u>01021</u>	<u>16:06</u>				
		Middle	<u>01020</u>	<u>16:25</u>				
		After	<u>01010</u>	<u>16:48</u>				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="text-align: center; font-size: 0.8em;">Weather codes are required. Weather data are optional but encouraged. *Antenna code comes from ant_info file furnished by project coordinator.</div>								
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 0 1 2	PROBLEM did not occur did occur - not used -	VISIBILITY Good, over 15 miles Fair, 7-15 miles Poor, under 7 miles	TEMPERATURE Normal, 32° F- 80° F Hot, over 80° F (27 C) Cold, below 32° F (0 C)	CLOUD COVER Clear, below 20% Cloudy, 20% to 70% Overcast, over 70%	WIND Calm, under 5mph (8km/h) Moderate, 5 to 15 mph 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								