

 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;">INDEPENDENCE</div>		Station PID, if any:		Date (UTC): <div style="text-align: center;">03.12.09</div>		
	General Location: 114 Independence Dr, Elkton MD 21921		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center;">INDP</div>		
Project Name: <div style="text-align: center; font-size: 1.2em;">CECIL COUNTY HMOD</div>			Project Number: <div style="text-align: center;">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: G. W. Stephens, Jr. and Assoc.	
Observation Session Times (UTC): Sched. Start <u>13:40</u> Stop <u>14:25</u> Actual Start <u>1:40 pm</u> Stop <u>2:25 pm</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: CURVESONER E. TWINE	
				GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Phone #: () (410) 297-2340	
				e-mail address: JShaw@gwstephens.com			
Receiver Brand & Model: <div style="text-align: center;">TRIMBLE 5800</div> <div style="text-align: center;">45145-46</div> <div style="text-align: center;">442313 4751</div>			Antenna Code*, Brand & Model: 			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: S/N: Firmware Version:			P/N: S/N: Cable Length, meters:			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	
<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: Last Adjustment date:				** 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 (Tribach/Spacer)		0.000 0.000 0.000 0.000	
				H= Antenna Height = A + B		2.000 6.562 2.000 6.562	
				= 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.				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)	
		Before		01011		13:40 pm	
		Middle		01011		14:00 pm	
		After		01011		14:25 pm	
						Dry-Bulb Temp Fahrenheit Celsius	
						WetBulb Temp Fahrenheit Celsius	
						Rel. % Humidity	
						Atm. Pressure inches Hg millibar	
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: 13:40, 14:00, 14:25							
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 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	
		0		* did not occur		Good, over 15 miles	
		1		did occur		Fair, 7-15 miles	
		2		- not used -		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							