

 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;">MCKEOWN</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3/12/09</div>										
	General Location: <div style="text-align: center; font-size: 1.2em;">140 McKeown Rd, Elkton MD 21921</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">MCKN</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;">A</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;">G. W. Stephens, Jr. and Assoc.</div> Operator Full Name: <div style="text-align: center; font-size: 1.2em;">WILLIAM A. JERIC</div> Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com									
Observation Session Times (UTC): Sched. Start <u>7:39</u> Stop <u>8:25</u>		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>											
Actual Start <u>11:39</u> Stop <u>12:25</u>		GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Antenna plumb before session? <input checked="" type="checkbox"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="checkbox"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="checkbox"/> (Y/N) -If no, explain Weather observed at antenna ht. <input checked="" type="checkbox"/> (Y/N) Antenna ground plane used? <input checked="" type="checkbox"/> (Y/N)											
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">TRIMBLE 5800</div> P/N: <u>45145-46</u> S/N: <u>442314051</u> Firmware Version: _____ <input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Antenna Code*, Brand & Model: P/N: _____ S/N: _____ Cable Length, meters: _____ Vehicle is Parked _____ meters _____ (direction) from antenna.		Antenna radome used? <input checked="" type="checkbox"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="checkbox"/> (Y/N) Any obstructions above 10'? <input checked="" type="checkbox"/> (Y/N) Use Radio interference source nearby <input checked="" type="checkbox"/> (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: P/N: <u>5119-00-FLY SECO</u> S/N: _____ Last Adjustment date: <u>3/11/09</u> Psychrometer (if used) Brand & Model: P/N: _____ S/N: _____ Last Calibration or check Date: _____			** ANTENNA HEIGHT **		Before Session Begins: Meters Feet		After Session Ends: Meters Feet								
			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 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)		Dry-Bulb Temp Fahrenheit Celsius		WetBulb Temp Fahrenheit Celsius		Rel. % Humidity		Atm. Pressure inches Hg millibar	
		Before		00010		11:35									
		Middle		00010		12:00									
		After		00010		12:28									
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <u>11:35, 12:00, 12:28</u>															
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		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													