


NOTE: This form intended for field use. Unsolicited data submitted to NGS must be converted to bluebook format.

 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;">KIRKS MILL</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">03-24-09</div>			
	General Location: <div style="text-align: center; font-size: 1.2em;">2515 BIGGS HIGHWAY, NORTHEAST MD 21901</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">KIRK</div>			
Project Name: <div style="text-align: center; font-size: 1.2em;">CECIL COUNTY HMON</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;">E</div>		
NAD83 Latitude <div style="text-align: center;">0</div>		NAD83 Longitude <div style="text-align: center;">0</div>		NAD83 Ellipsoidal Height meters		Agency Full Name: <div style="text-align: center;">G.W. STEPHENS, JR. AND ASSOC.</div>		
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start <u>15:41</u> Stop <u>16:20</u>		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters		Operator Full Name: <div style="text-align: center;">RAYMOND G. CARMER JR</div> Phone #: (<u>410</u>) <u>297-2340</u> e-mail address: <u>Jshaw@gwstephens.com</u>		
Receiver Brand & Model: <u>TRIMBLE</u> <div style="text-align: center; font-size: 1.2em;">4800</div> P/N: <u>32117-56</u> S/N: <u>0220160996</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 plumb before session? (Y/N) <u>(Y)</u> <u>(N)</u> Circle Antenna plumb after session? (Y/N) <u>(Y)</u> <u>(N)</u> Yes or No Antenna oriented to true North? (Y/N) <u>(Y)</u> <u>(N)</u> -If no, Weather observed at antenna ht. (Y/N) <u>(Y)</u> <u>(N)</u> explain Antenna ground plane used? (Y/N) <u>(Y)</u> <u>(N)</u> " Antenna radome used? (Y/N) <u>(Y)</u> <u>(N)</u> If yes, Eccentric occupation (>0.5 mm)? (Y/N) <u>(Y)</u> <u>(N)</u> describe. Any obstructions above 10°? (Y/N) <u>(Y)</u> <u>(N)</u> Use Radio interference source nearby (Y/N) <u>(Y)</u> <u>(N)</u> 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</u> P/N: _____ S/N: _____ Last Adjustment date: _____		** 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)		<div style="text-align: center;">2.00 6.562</div>		<div style="text-align: center;">2.00 6.562</div>		
		B=Additional offset to ARP if any (Tribrach/Spacer)		<div style="text-align: center;">0.00 0.00</div>		<div style="text-align: center;">0.00 0.00</div>		
		H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<div style="text-align: center;">2.00 6.562</div>		<div style="text-align: center;">2.00 6.562</div>		
		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	00001	15:41				
		Middle	00001	16:00				
		After	00001	16:20				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="text-align: center; font-size: 1.2em; margin-top: 20px;">PICTURES #9910</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 type="checkbox"/> Attached <input checked="" type="checkbox"/> Submitted earlier Visibility Obstruction Form: <input checked="" type="checkbox"/> Attached <input checked="" 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								