

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: __ FBN__ CBN__ PAC__ SAC__ BM) <b>KIRKS MILL</b>		Station PID, if any:		Date (UTC): <b>03.13.09</b>																													
	General Location: <b>2515 Biggs Highway, North East MD 21901</b>		Airport ID, if any:		Station 4-Character ID: <b>KIRK</b>																													
Project Name: <b>CECIL COUNTY HMOD</b>			Project Number: <b>GPS-</b>		Station Serial # (SSN):																													
NAD83 Latitude <b>0</b>		NAD83 Longitude <b>0</b>		NAD83 Ellipsoidal Height meters		Agency Full Name: <b>G. W. Stephens, Jr. and Assoc.</b> Operator Full Name: <b>CHRISTOPHER E. TURNER</b> Phone #: ( ) (410) 297-2340 e-mail address: <b>JShaw@gwstephens.com</b>																												
Observation Session Times (UTC): Sched. Start <b>15:10</b> Stop <b>15:55</b>		Epoch Interval= <b>5</b> Seconds		NAVD88 Orthometric Ht. meters																														
Actual Start <b>3:06 pm</b> Stop <b>3:55 pm</b>		Elevation Mask = <b>10</b> Degrees		GEOID99 Geoid Height meters																														
Receiver Brand & Model: <b>TRIMBLE 5800</b> <b>45145-4L2</b> P/N: <b>4423134751</b> S/N: Firmware Version:			Antenna Code*, Brand & Model:  P/N: S/N: Cable Length, meters:			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) "																												
<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.			Antenna radome used? <input checked="" type="checkbox"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="checkbox"/> (Y/N) Use Any obstructions above 10'? <input checked="" type="checkbox"/> (Y/N) Vis. form Radio interference source nearby <input checked="" type="checkbox"/> (Y/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: P/N: <b>SELO</b> S/N: Last Adjustment date:			<b>** ANTENNA HEIGHT **</b>			Before Session Begins: Meters Feet																												
Psychrometer (if used) Brand & Model:  P/N: S/N: Last Calibration or check Date:			<b>A= Datum point to Top of Tripod (Tripod Height)</b> <b>B= Additional offset to ARP if any (Tribrach/Spacer)</b> <b>H= Antenna Height = A + B</b> <b>= Datum Point to Antenna Reference Point (ARP)</b>			After Session Ends: Meters Feet																												
Barometer (if used) Brand & Model:  S/N:			<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Weather Data</th> <th>Weather Codes</th> <th>Time (UTC)</th> <th>Dry-Bulb Temp Fahrenheit Celsius</th> <th>WetBulb Temp Fahrenheit Celsius</th> <th>Rel. % Humidity</th> <th>Atm. Pressure inches Hg millibar</th> </tr> </thead> <tbody> <tr> <td>Before</td> <td><b>01021</b></td> <td><b>15:05 pm</b></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Middle</td> <td><b>01021</b></td> <td><b>15:25 pm</b></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>After</td> <td><b>01021</b></td> <td><b>15:55 pm</b></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar	Before	<b>01021</b>	<b>15:05 pm</b>					Middle	<b>01021</b>	<b>15:25 pm</b>					After	<b>01021</b>	<b>15:55 pm</b>				
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Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="text-align: right; color: red; font-size: 1.2em;"> <b>15:10, 15:25, 15:55</b> </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 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																																		