

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: __ FBN__ CBN__ PAC__ SAC__ BM) KIRKS MILL		Station PID, if any:		Date (UTC): 03-12-09 3-13-09																	
	General Location: 2515 Biggs Highway, North East MD 21901		Airport ID, if any:		Station 4-Character ID: KIRK Day of Year: 072																	
Project Name: CECIL COUNTY HMOD			Project Number: GPS-		Station Serial # (SSN): Session ID: (A,B,C etc) E																	
NAD83 Latitude 0		NAD83 Longitude 0		NAD83 Ellipsoidal Height meters NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters		Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: CHRISTOPHER E. TWINE Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com																
Observation Session Times (UTC): Sched. Start 16:05 Stop 16:45 Actual Start 4:05pm Stop 4:45pm		Epoch Interval= 5 Seconds Elevation Mask = 10 Degrees																				
Receiver Brand & Model: Trimble 5800 A5145-46 P/N: AA23134751 S/N: Firmware Version:		Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters: Vehicle is Parked _____ meters _____ (direction) from antenna.		Antenna plumb before session? <input checked="" type="radio"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="radio"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (Y/N) -If no, explain Weather observed at antenna ht. <input checked="" type="radio"/> (Y/N) Antenna ground plane used? <input checked="" type="radio"/> (Y/N)		Antenna radome used? <input checked="" type="radio"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y/N) Use Any obstructions above 10°? <input checked="" type="radio"/> (Y/N) Vis. form Radio interference source nearby <input checked="" type="radio"/> (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: SECO S/N: 25119-00-FLY Last Adjustment date: 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		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>A= Datum point to Top of Tripod (Tripod Height)</td> <td>2.000</td> <td>6.562</td> <td>2.000</td> <td>6.562</td> </tr> <tr> <td>B= Additional offset to ARP if any (Tribrach/Spacer)</td> <td>0.000</td> <td>0.000</td> <td>0.000</td> <td>0.000</td> </tr> <tr> <td>H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)</td> <td>2.000</td> <td>6.562</td> <td>2.000</td> <td>6.562</td> </tr> </table>		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
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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	01021	16:05pm																		
		Middle	01011	16:20pm																		
		After	01011	16:45pm																		
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: 16:05, 16:20, 16:45																						
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 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																						