

 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) OLD FORT		Station PID, if any:		Date (UTC): 03.17.09																									
	General Location: 11 Campbell Court, Conowingo MD 21918		Airport ID, if any:		Station 4-Character ID: OLFT																									
Project Name: CECIL COUNTY HMOD		Project Number: GPS-		Station Serial # (SSN):		Session ID:(A,B,C etc) E																								
NAD83 Latitude ° ' "		NAD83 Longitude ° ' "		NAD83 Ellipsoidal Height meters		Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: CHRISTOPHER R. TWINE Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com																								
Observation Session Times (UTC): Sched. Start 15:20 Stop 16:20		Epoch Interval= 5 Seconds		NAVD88 Orthometric Ht. meters																										
Actual Start 3:20pm Stop 4:20pm		Elevation Mask = 10 Degrees		GEOID99 Geoid Height meters																										
Receiver Brand & Model: Trimble 5800 45145-46 P/N: S/N: Firmware Version:		Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters:		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 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 Radio interference source nearby <input checked="" type="radio"/> Y <input type="radio"/> N Vis. form																										
<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 ** <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th></th> <th colspan="2">Before Session Begins:</th> <th colspan="2">After Session Ends:</th> </tr> <tr> <th></th> <th>Meters</th> <th>Feet</th> <th>Meters</th> <th>Feet</th> </tr> <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>			Before Session Begins:		After Session Ends:			Meters	Feet	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
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Psychrometer (if used) Brand & Model: P/N: S/N: Last Calibration or check Date:		Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters. Be Very Explicit as to where and how Measured! Note &/or sketch ANY unusual conditions.																												
Barometer (if used) Brand & Model: S/N:		Weather Data Before Middle After	Weather Codes 02021 02021 02021	Time (UTC) 15:20pm 15:50pm 16:20pm	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar																						
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: 15:20, 15:50, 16:20																														
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 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, over15 mph (24km/h)																								
Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind																														