

 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;">MACDUFF</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">03.12.09</div>						
	General Location: 30 Country Hills Ct, Newark DE 19711		Airport ID, if any:		Station 4-Character ID: MCDF Day of Year: 071						
Project Name: CECIL COUNTY HMOD			Project Number: GPS-		Station Serial # (SSN): Session ID:(A,B,C etc) <div style="text-align: center; font-size: 1.5em;">0</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: G. W. Stephens, Jr. and Assoc.					
Observation Session Times (UTC): Sched. Start Stop <div style="text-align: center; font-size: 1.2em;">14:43 15:20</div>		Epoch Interval= 5 Seconds Elevation Mask = 10 Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>		Operator Full Name: CHRISTOPHER R. TWINE					
Actual Start 7:43pm Stop 3:20pm		GEOID99 Geoid Height <div style="text-align: center;">meters</div>		Phone #: () (410) 297-2340		e-mail address: JShaw@gwstephens.com					
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">TRIMBLE 5800</div> <div style="text-align: center; font-size: 1.2em;">45145-AL</div> P/N: 442313A751 S/N: Firmware Version:		Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters:		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)					
<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: 4510 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)		2.000		6.562				
			B=Additional offset to ARP if any (Tribrach/Spacer)		0.000		0.000				
			H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		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	01001	14:40pm							
		Middle	01001	15:00pm							
		After	01001	15:20pm							
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: 14:40, 15:00, 15:20											
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 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											