

 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: <div style="text-align: center; font-size: 1.2em;">MCDF</div>		
Project Name: <div style="text-align: center; font-size: 1.2em;">CECIL COUNTY HMOD</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 <div style="text-align: center;">meters</div>		Agency Full Name: <div style="text-align: center; font-size: 1.2em;">G. W. Stephens, Jr. and Assoc.</div>	
Observation Session Times (UTC): Sched. Start _____ Stop _____ <div style="text-align: center; color: red;">16:42 17:30</div>		Epoch Interval= <u>5</u> Seconds Elevation Mask = <u>10</u> Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>		Operator Full Name: <div style="text-align: center; color: red;">CHRISTOPHER R. TWINE</div>	
Actual Start <u>4:42 pm</u> Stop <u>5:30 pm</u>		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; color: red;">TRIMBLE 5800</div> <div style="text-align: center; color: red;">45145-AL</div>		Antenna Code*, Brand & Model: 		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)		P/N: <div style="text-align: center; color: red;">4473134751</div>	
S/N: 		Cable Length, meters:		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)		Firmware Version:	
<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: <div style="text-align: center; color: red;">SECO</div> S/N: Last Adjustment date:		** ANTENNA HEIGHT **		Before Session Begins: Meters Feet		After Session Ends: Meters Feet	
Psychrometer (if used) Brand & Model: 		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	
P/N: S/N: Last Calibration or check Date:		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: 		Weather Data		Weather Codes		Time (UTC)	
S/N:		Before		01001		16:40pm	
		Middle		01001		17:05	
		After		01001		17:30pm	
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="text-align: center; color: red; font-size: 1.2em;">16:40, 17:05, 17:30</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 = aaaaaddss.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	
		0		'did not occur		Good, over 15 miles	
		1		did occur		Fair, 7-15 miles	
		2		- not used -		Poor, under 7 miles	
Examples:		00000 = No problem, good visibility, normal temp, clear, calm wind		12121 = Problems, poor visibility, hot, overcast, moderate wind			