

 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;">WELDER</div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3/11/09</div>				
	General Location: <div style="text-align: center; font-size: 1.2em;">24 Welders Lane, Warwick MD 21912</div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">WELD</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;">D</div>			
NAD83 Latitude <div style="text-align: center;">o</div>		NAD83 Longitude <div style="text-align: center;">o</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> Operator Full Name: <div style="text-align: center; font-size: 1.2em;">WILLIAM A. JERIC</div> Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com			
Observation Session Times (UTC): Sched. Start <u>11:50</u> Stop <u>12:45</u> <div style="color: red; font-size: 1.2em;">15:50 16:45</div> Actual Start <u>3:50</u> Stop <u>4:45</u>		Epoch Interval= Seconds Elevation Mask = Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>					
GEOID99 Geoid Height <div style="text-align: center;">meters</div>		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, Weather observed at antenna ht. <input checked="" type="radio"/> Y <input type="radio"/> N explain 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, Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> Y <input type="radio"/> N describe. Any obstructions above 10°? <input checked="" type="radio"/> Y <input type="radio"/> N Use Radio interference source nearby <input checked="" type="radio"/> Y <input type="radio"/> N Vis. form									
Receiver Brand & Model: <div style="font-size: 1.2em;">Trimble 5800</div> P/N: 45145-46 S/N: 442314651 Firmware Version:		Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters:		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: 5119-00-FLY S/N: Last Adjustment date: 3/09/09		** 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		2.000 6.562			
		B=Additional offset to ARP if any (Tribach/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 6.526			
		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	02021	15:50					
		Middle	02021	16:20					
		After	02021	16:45					
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="color: red; font-size: 1.5em; margin-top: 20px;">15:50, 16:20, 16:45</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 = aaaaddds.xxx) <small>where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension</small>					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		CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND		
Weather Codes		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									