

 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;"><i>RACINE</i></div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;"><i>3/20/09</i></div>				
	General Location: <div style="text-align: center; font-size: 1.2em;"><i>41 RACINE SCHOOL RD., ELKTON MD 21921</i></div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;"><i>RAC1</i></div>				
Project Name: <div style="text-align: center; font-size: 1.2em;"><i>CECIL COUNTY HMOO</i></div>		Project Number: <div style="text-align: center; font-size: 1.2em;"><i>GPS-</i></div>		Station Serial # (SSN):		Session ID:(A,B,C etc) <div style="text-align: center; font-size: 1.2em;"><i>D</i></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: <i>J.R. & ASSOC.</i> Operator Full Name: <i>JEFFREY W. HAYS</i> Phone #: (<i>410</i>) <i>297-2340</i> e-mail address: <i>jshwn@gwstephens.com</i>			
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start <i>14:50</i> Stop <i>15:25</i>		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 Code*, Brand & Model: <div style="text-align: center; font-size: 1.2em;"><i>TRIMBLE 5800</i></div>							
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;"><i>TRIMBLE 5800</i></div>		P/N: <i>45145-46</i> S/N: <i>4423134751</i> Firmware Version:		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			
<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 type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: <i>SECO</i> P/N: <i>5119-00 FLY</i> S/N: Last Adjustment date:				** ANTENNA HEIGHT **					
Psychrometer (if used) Brand & Model: P/N: S/N: Last Calibration or check Date:				Before Session Begins: Meters Feet		After Session Ends: Meters Feet			
				A= Datum point to Top of Tripod (Tripod Height)		B=Additional offset to ARP if any (Tribrach/Spacer)		H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	
				2.000 6.562 2.000 6.562		0.000 0.000 0.000 0.000		2.000 6.562 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	<i>01020</i>	<i>14:50</i>					
		Middle	<i>01021</i>	<i>15:05</i>					
		After	<i>01020</i>	<i>15:25</i>					
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:									
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 Observation Form: <input 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									