

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) <div style="text-align: center; font-size: 1.2em;">CAYOTS RESET</div>		Station PID, if any: <div style="text-align: center; font-size: 1.2em;">JU1137</div>		Date (UTC): <div style="text-align: center; font-size: 1.2em;">3/11/2009</div>					
	General Location: 3531 Aug.Herman Hwy, Chesapeake City MD		Airport ID, if any: <div style="text-align: center; font-size: 1.2em;">CAYO</div>		Day of Year: <div style="text-align: center; font-size: 1.2em;">070</div>					
Project Name: CECIL COUNTY HMOD			Project Number: GPS-		Station Serial # (SSN):		Session ID:(A,B,C etc) <div style="text-align: center; font-size: 1.2em;">F</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: G. W. Stephens, Jr. and Assoc.				
Observation Session Times (UTC): Sched. Start <u>17:56</u> Stop <u>18:55</u> Actual Start <u>15:56</u> Stop <u>16:55</u>		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>		Operator Full Name: JAMES SHAW Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com				
Receiver Brand & Model: <div style="font-size: 1.2em;">TRIMBLE 4800</div> P/N: 32119-56 S/N: 0220160895 Firmware Version:		Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters:		Antenna plumb before session? (Y/N) <input checked="" type="checkbox"/> N Circle Antenna plumb after session? (Y/N) <input checked="" type="checkbox"/> N Yes or No Antenna oriented to true North? (Y/N) <input checked="" type="checkbox"/> N -If no, Weather observed at antenna ht. (Y/N) <input checked="" type="checkbox"/> N explain Antenna ground plane used? (Y/N) <input checked="" type="checkbox"/> N "		Antenna radome used? (Y/N) <input checked="" type="checkbox"/> N If yes, Eccentric occupation (>0.5 mm)? (Y/N) <input checked="" type="checkbox"/> N describe. Any obstructions above 10°? (Y/N) <input checked="" type="checkbox"/> N Use Radio interference source nearby (Y/N) <input checked="" type="checkbox"/> 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: TRIMBLE SECO 2.0 M P/N: S/N: 5119-00-FLY/IDP55 MAY 04 Last Adjustment date: 3-9-2009			** 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		6.526			
			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	01011	17:56							
	Middle	01021	18:25	56				80	29.93	
	After	01021	18:55							
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="font-size: 1.2em; color: blue;">TEMPERATURE & PRESSURE FROM WEATHER UNDERGROUND</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 = 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										