

 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;">CRAMER</div>	Station PID, if any:	Date (UTC): <div style="text-align: center; font-size: 1.2em;">3-26-2009</div>				
	General Location: 131 Harrene Farm Ln, Warwick MD 21919	Airport ID, if any:	Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">CRAM</div>	Day of Year: <div style="text-align: center; font-size: 1.2em;">085</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;">E</div>			
NAD83 Latitude <div style="text-align: center;">° ' "</div>	NAD83 Longitude <div style="text-align: center;">° ' "</div>	NAD83 Ellipsoidal Height meters NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters	Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: <div style="text-align: center; font-size: 1.2em;">JAMES SHAW</div> Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com				
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start 16:00 Stop 16:35		Epoch Interval= _____ Seconds Elevation Mask = _____ Degrees					
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;">TRIMBLE 4800</div> P/N: 32119-56 S/N: 0220160895 Firmware Version: _____ <input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Antenna Code*, Brand & Model: P/N: _____ S/N: _____ Cable Length, meters: _____ Vehicle is Parked _____ meters _____ (direction) from antenna.		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 type="radio"/> Y <input checked="" type="radio"/> N If yes, Eccentric occupation (>0.5 mm)? <input type="radio"/> Y <input checked="" type="radio"/> N describe. Any obstructions above 10°? <input checked="" type="radio"/> Y <input type="radio"/> N Use Radio interference source nearby <input type="radio"/> Y <input checked="" type="radio"/> N Vis. form			
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: SECO 2.0 m P/N: _____ S/N: 5119-00-FLY/10P55 MAY 04 Last Adjustment date: 3-26-2009		** 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	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
		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	02020	16:00				
	Middle	02020	16:15				
	After	02021	16:35				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="font-size: 0.8em;"> Weather codes are required. Weather data are optional but encouraged. *Antenna code comes from ant_info file furnished by project coordinator. </div>							
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 checked="" 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							