

 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;">CASSIDY</div>		Station PID, if any:		Date (UTC): <div style="text-align: right; font-size: 1.2em;">03/09/09</div>										
	General Location: 1415 Grove Neck Rd, Earleville MD 21919		Airport ID, if any:		Station 4-Character ID: CASS Day of Year: 068										
Project Name: CECIL COUNTY HMOD			Project Number: GPS-		Station Serial # (SSN): Session ID: (A,B,C etc) E										
NAD83 Latitude <div style="text-align: center;">0</div>		NAD83 Longitude <div style="text-align: center;">0</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: RAYMOND G. CAMERON JR Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com									
Observation Session Times (UTC): Sched. Start Stop Actual Start 17:19 Stop 18:30		Epoch Interval= Seconds Elevation Mask = Degrees		Antenna plumb before session? (Y/N) Circle Antenna plumb after session? (Y/N) Yes or No Antenna oriented to true North? (Y/N) -If no, explain Weather observed at antenna ht. (Y/N) Antenna ground plane used? (Y/N)			Antenna radome used? (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? (Y/N) Any obstructions above 10°? (Y/N) Use Radio interference source nearby (Y/N) Vis. form								
Receiver Brand & Model: Trimble 4800 P/N: 32119-56 S/N: 0720160896 Firmware Version: 01.00		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 type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input checked="" type="checkbox"/> Fixed Mount Brand & Model: SELV P/N: 5119-00-FLY S/N: Last Adjustment date:				** 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. Be Very Explicit as to where and how Measured!				Note &/or sketch ANY unusual conditions.											
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		00002		17:19									
		Middle		00002		17:55									
		After		00002		18:30									
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="text-align: center; font-size: 1.5em; margin-top: 20px;">Pictures # 6, 7, 8</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) 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 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 Examples:		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)			
00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind															