

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: FBN CBN PAC SAC BM) <div style="text-align: center; font-weight: bold;">PRINCIPIO 2008</div>		Station PID, if any:		Date (UTC): <div style="text-align: center;">03.18.09</div>																												
	General Location: Principio Pkwy @US40, North East MD mi219		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center;">PRIN</div>																												
Project Name: <div style="text-align: center; font-weight: bold;">CECIL COUNTY HMOD</div>		Project Number: <div style="text-align: center;">GPS-</div>		Station Serial # (SSN):		Session ID: (A,B,C etc) <div style="text-align: center; font-size: 1.5em;">A</div>																											
NAD83 Latitude <div style="text-align: center;">0</div>		NAD83 Longitude <div style="text-align: center;">0</div>		NAD83 Ellipsoidal Height <div style="text-align: center;">meters</div>		Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: CHRISTOPHER R. TISHMAN Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com																											
Observation Session Times (UTC): Sched. Start Stop Actual Start <u>11:47am</u> Stop <u>12:25 pm</u>		Epoch Interval= <u>5</u> Seconds Elevation Mask = <u>10</u> Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>																													
		GEOID99 Geoid Height <div style="text-align: center;">meters</div>																															
Receiver Brand & Model: Trimble 5800 45145-46 P/N: 4423134751 S/N: Firmware Version:		Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters:		Antenna plumb before session? <input checked="" type="radio"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="radio"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (Y/N) -If no, explain Weather observed at antenna ht. <input checked="" type="radio"/> (Y/N) Antenna ground plane used? <input checked="" type="radio"/> (Y/N)																													
<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.		Antenna radome used? <input checked="" type="radio"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y/N) Use Any obstructions above 10'? <input checked="" type="radio"/> (Y/N) Vis. form Radio interference source nearby <input checked="" type="radio"/> (Y/N)																													
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: P/N: <u>560</u> S/N: Last Adjustment date:			** ANTENNA HEIGHT **		Before Session Begins: 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	6.562																											
			Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters. Be Very Explicit as to where and how Measured!		2.000	6.562																											
Barometer (if used) Brand & Model: S/N:			Weather Data Before Middle After	Weather Codes 02020 02020 02020	Time (UTC) 11:47am 12:05 pm 12:25 pm	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar																								
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <div style="font-style: italic; font-size: 1.2em;">"DENSE FOG"</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 border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CODE</th> <th>PROBLEM</th> <th>VISIBILITY</th> <th>TEMPERATURE</th> <th>CLOUD COVER</th> <th>WIND</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>did not occur</td> <td>Good, over 15 miles</td> <td>Normal, 32° F- 80° F</td> <td>Clear, below 20%</td> <td>Calm, under 5mph (8km/h)</td> </tr> <tr> <td>1</td> <td>did occur</td> <td>Fair, 7-15 miles</td> <td>Hot, over 80°F (27 C)</td> <td>Cloudy, 20% to 70%</td> <td>Moderate, 5 to 15 mph</td> </tr> <tr> <td>2</td> <td>- not used -</td> <td>- Poor, under 7 miles</td> <td>Cold, below 32° F (0 C)</td> <td>- Overcast, over 70%</td> <td>Strong, over 15 mph (24km/h)</td> </tr> </tbody> </table>										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)
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Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind																																	