

 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)		Station PID, if any:		Date (UTC):			
	General Location: <i>BLAKE</i>		Airport ID, if any:		Station 4-Character ID: <i>BLAK</i>			
Project Name: <i>CECIL COUNTY HMON</i>		Project Number: <i>GPS-</i>		Station Serial # (SSN):		Session ID: (A,B,C etc) <i>003</i>		
NAD83 Latitude ° ' "		NAD83 Longitude ° ' "		NAD83 Ellipsoidal Height meters		Agency Full Name: <i>G.W. STEPHENS JR & ASSOC.</i> Operator Full Name: <i>JEFFREY W. HAYS</i> Phone #: <i>(410) 297-2340</i> e-mail address: <i>jshaw@gwstephens.com</i>		
Observation Session Times (UTC): Sched. Start <i>17:47</i> Stop <i>18:20</i> Actual Start <i>18:07</i> Stop <i>18:20</i>		Epoch Interval= <i>10</i> Seconds Elevation Mask = <i>3</i> Degrees		NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters				
Receiver Brand & Model: <i>TRIMBLE 4800</i> P/N: <i>32119-56</i> S/N: <i>0220160895</i> Firmware Version: <input type="checkbox"/> CamCorder Battery, <input 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 <i> </i> meters <i> </i> (direction) from antenna.		Antenna plumb before session? <input checked="" type="checkbox"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="checkbox"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="checkbox"/> (Y/N) -If no, explain Weather observed at antenna ht. <input checked="" type="checkbox"/> (Y/N) Antenna ground plane used? <input checked="" type="checkbox"/> (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: <i>SECO</i> P/N: <i>5119-00 FLY</i> S/N: Last Adjustment date: <i>3-23-09</i> Psychrometer (if used) Brand & Model: P/N: S/N: Last Calibration or check Date:		** ANTENNA HEIGHT **		Before Session Begins: Meters Feet		After Session Ends: Meters Feet		
		A= Datum point to Top of Tripod (Tripod Height)		<i>2.000</i>	<i>6.562</i>	<i>2.000</i>	<i>6.562</i>	
		B= Additional offset to ARP if any (Tribrach/Spacer)		<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	
		H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP) Meters = Feet x (0.3048) Height Entered Into Receiver = <i> </i> meters.		<i>2.000</i>	<i>6.562</i>	<i>2.000</i>	<i>6.562</i>	
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>00001</i>	<i>17:47</i>				
		Middle	<i>00001</i>	<i>18:04</i>				
		After	<i>00001</i>	<i>18:20</i>				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc. <i>17:47-18:20</i>								
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								