

 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;">CITY</div>		Station PID, if any: <div style="text-align: center; font-size: 1.2em;">AJ7992</div>		Date (UTC): <div style="text-align: center; font-size: 1.2em;">03.11.09</div>				
	General Location: <div style="text-align: center; font-size: 1.2em;">419 Hemphill St, Chesapeake City, MD</div>		Airport ID, if any: <div style="text-align: center; font-size: 1.2em;">CITY</div>		Day of Year: <div style="text-align: center; font-size: 1.2em;">070</div>				
Project Name: <div style="text-align: center; font-size: 1.2em;">CECIL COUNTY HMOD</div>			Project Number: <div style="text-align: center; font-size: 1.2em;">GPS-</div>		Station Serial # (SSN): <div style="text-align: center; font-size: 1.2em;">9</div>				
NAD83 Latitude ° ' "		NAD83 Longitude ° ' "		NAD83 Ellipsoidal Height meters		Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: CHRISTOPHER R. TWINE Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com			
NAVD88 Orthometric Ht. meters		GEOID99 Geoid Height meters							
Observation Session Times (UTC): Sched. Start <u>19:15</u> Stop <u>19:55</u>		Epoch Interval= <u>5</u> Seconds Elevation Mask = <u>10</u> Degrees							
Actual Start <u>7:15 pm</u> Stop <u>7:55 pm</u>									
Receiver Brand & Model: Trimble 5800 45145-46 P/N: 4423134751 S/N: 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 _____ meters _____ (direction) from antenna.			Antenna plumb before session? <input checked="" type="radio"/> (N) Circle Antenna plumb after session? <input checked="" type="radio"/> (N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (N) -If no, explain Weather observed at antenna ht. <input checked="" type="radio"/> (N) Antenna ground plane used? <input checked="" type="radio"/> (N)			
			Antenna radome used? <input checked="" type="radio"/> (Y) <input checked="" type="radio"/> (N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y) <input checked="" type="radio"/> (N) Use Any obstructions above 10°? <input checked="" type="radio"/> (Y) <input checked="" type="radio"/> (N) Vis. form Radio interference source nearby <input checked="" type="radio"/> (Y) <input checked="" type="radio"/> (N)						
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: P/N: 5560 S/N: Last Adjustment date: Psychrometer (if used) Brand & Model: P/N: S/N: Last Calibration or check Date:			** ANTENNA HEIGHT **		Before Session Begins: Meters Feet				
			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 6.526		
			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	02021	19:15 pm					
		Middle	02021	19:35 pm					
		After	02021	19:55 pm					
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: 19:15, 19:35, 19:55									
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									