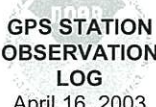


NOTE: This form intended for field use. Unsubmitted data submitted to NGS must be converted to bluebook format.

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: ___ FBN ___ CBN ___ PAC ___ SAC ___ BM) CARA	Station PID, if any:	Date (UTC): 3/20/09				
	General Location: TURKEY PT. RD. @ CARA COVE ROAD	Airport ID, if any:	Station 4-Character ID: CARA Day of Year: 079				
Project Name: CECIL COUNTY HMOD		Project Number: GPS-	Station Serial # (SSN): Session ID:(A,B,C etc) E				
NAD83 Latitude O		NAD83 Longitude O	NAD83 Ellipsoidal Height meters NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters				
Observation Session Times (UTC): Sched. Start <u>16:25</u> Stop <u>17:00</u> Actual Start <u>15:44</u> Stop <u>17:00</u>		Epoch Interval= ___ Seconds Elevation Mask = ___ Degrees	Agency Full Name: G.W. STEPHENS, JR & ASSOC. INC. Operator Full Name: JEFFREY W. HAYS Phone #: (910) 297-2340 e-mail address: jshaw@gwstephens.com				
Receiver Brand & Model: TRIMBLE 5800 P/N: 45145-96 S/N: 4423134751 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.					
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: SELO P/N: 5119-00 FLY S/N: Last Adjustment date:		** ANTENNA HEIGHT ** Before Session Begins: Meters Feet After Session Ends: Meters Feet A= Datum point to Top of Tripod (Tripod Height) B= Additional offset to ARP if any (Tribrach/Spacer) H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP) Meters = Feet x (0.3048) Height Entered Into Receiver = ___ meters. Be Very Explicit as to where and how Measured!					
Psychrometer (if used) Brand & Model: P/N: S/N: Last Calibration or check Date:		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	01020	15:44				
	Middle	01010	16:43				
	After	01010	17:00				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:							
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 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	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							