


NOTE: This form intended for field use. Unprocessed 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) <u>NE HIGH</u>		Station PID, if any:		Date (UTC): <u>3-23-2009</u>		
	General Location: <u>NORTH EAST HIGH SCHOOL, NORTH EAST, MD</u>		Airport ID, if any:		Station 4-Character ID: <u>082</u>		
Project Name:			Project Number: GPS-		Station Serial # (SSN):		
Project Number:			Station Serial # (SSN):		Session ID:(A,B,C etc) <u>A</u>		
NAD83 Latitude ° ' "		NAD83 Longitude ° ' "		NAD83 Ellipsoidal Height meters		Agency Full Name: <u>G.W. STEPHENS</u>	
Observation Session Times (UTC): Sched. Start _____ Stop _____		Epoch Interval= _____ Seconds		NAVD88 Orthometric Ht. meters		Operator Full Name: <u>JAMES SHAW</u>	
Actual Start <u>12:15</u> Stop <u>12:50</u>		Elevation Mask = _____ Degrees		GEOID99 Geoid Height meters		Phone #: (<u>410</u>) <u>297-2340</u>	
Receiver Brand & Model: <u>TRIMBLE 4800</u>		Antenna Code*, Brand & Model:		Antenna plumb before session? (Y/N) <u>(Y)</u> Circle Antenna plumb after session? (Y/N) <u>(Y)</u> Yes or No Antenna oriented to true North? (Y/N) <u>(Y)</u> -If no, explain Weather observed at antenna ht. (Y/N) <u>(Y)</u> Antenna ground plane used? (Y/N) <u>(Y)</u>		Antenna radome used? (Y/N) <u>(Y)</u> If yes, describe. Eccentric occupation (>0.5 mm)? (Y/N) <u>(Y)</u> Use Any obstructions above 10°? (Y/N) <u>(Y)</u> Vis. form Radio interference source nearby (Y/N) <u>(Y)</u>	
P/N: <u>32119-56</u> S/N: <u>0220160895</u> Firmware Version:		P/N: S/N: Cable Length, meters:		Vehicle is Parked _____ meters _____ (direction) from antenna.		e-mail address:	
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		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: <u>SECO 2.0m</u> P/N: S/N: <u>5119-00-FLY/@IDP55 MAY 04</u> Last Adjustment date: <u>3-23-2009</u>		** 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) <u>2.000</u> <u>6.562</u> <u>2.000</u> <u>6.562</u>		After Session Ends: Meters Feet	
B=Additional offset to ARP if any (Tribrach/Spacer) <u>0.000</u> <u>0.000</u> <u>0.000</u> <u>0.000</u>		H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP) <u>2.000</u> <u>6.562</u> <u>2.000</u> <u>6.562</u>		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:		Weather Data		Weather Codes		Time (UTC)	
S/N:		Before		Middle		After	
Dry-Bulb Temp Fahrenheit Celsius		WetBulb Temp Fahrenheit Celsius		Rel. % Humidity		Atm. Pressure inches Hg millibar	
Before		Middle		After		Before	
Middle		After		Before		Middle	
After		Before		Middle		After	
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 checked="" 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, over15 mph (24km/h)	
Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind							