

 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):				
	OLD HOPE				3-26-2009				
General Location:		Airport ID, if any:		Station 4-Character ID:		Day of Year:			
680 Cherry Grove Rd, Earleville MD 21919				HOPE		085			
Project Name:		Project Number:		Station Serial # (SSN):		Session ID:(A,B,C etc)			
CECIL COUNTY HMOD		GPS-				G			
NAD83 Latitude		NAD83 Longitude		NAD83 Ellipsoidal Height		Agency Full Name: G. W. Stephens, Jr. and Assoc. Operator Full Name: <i>JAMES SHAW</i> Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com			
				meters					
Observation Session Times (UTC):		Epoch		NAVD88 Orthometric Ht.					
Sched. Start _____ Stop _____		Interval= <u>5</u> Seconds		meters					
Actual Start <u>17:49</u> Stop <u>18:30</u>		Elevation		GEOID99 Geoid Height					
		Mask = <u>10</u> Degrees		meters					
Receiver Brand & Model:		Antenna Code*, Brand & Model:		Antenna plumb before session? <input checked="" type="radio"/> Y <input type="radio"/> N		Circle			
<i>TRIMBLE 4300</i>				Antenna plumb after session? <input checked="" type="radio"/> Y <input type="radio"/> N		Yes or No			
P/N: <i>32119-56</i>		P/N:		Antenna oriented to true North? <input checked="" type="radio"/> Y <input type="radio"/> N		-If no, explain			
S/N: <i>0220160895</i>		S/N:		Weather observed at antenna ht. <input checked="" type="radio"/> Y <input type="radio"/> N					
Firmware Version:		Cable Length, meters:		Antenna ground plane used? <input checked="" type="radio"/> Y <input type="radio"/> N					
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Vehicle is Parked _____ meters _____ (direction) from antenna.		Antenna radome used? <input type="radio"/> Y <input checked="" type="radio"/> N		If yes, describe.			
				Eccentric occupation (>0.5 mm)? <input type="radio"/> Y <input checked="" type="radio"/> N		Use			
				Any obstructions above 10°? <input checked="" type="radio"/> Y <input type="radio"/> N		Vis. form			
				Radio interference source nearby <input type="radio"/> Y <input checked="" type="radio"/> N					
Tripod or Antenna Mount: Check one:		** ANTENNA HEIGHT **		Before Session Begins:		After Session Ends:			
<input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount				Meters		Feet		Meters	
Brand & Model: <i>SECO 2.0m</i>									
P/N: <i>5119-00-FLY / IDP55 MAY 04</i>									
S/N: <i>5119-00-FLY / IDP55 MAY 04</i>				A= Datum point to Top of Tripod (Tripod Height)		2.000			
Last Adjustment date: <i>3-26-2009</i>				B=Additional offset to ARP if any (Tribrach/Spacer)		0.000			
Psychrometer (if used) Brand & Model:				H= Antenna Height = A + B		2.000			
P/N:				= Datum Point to Antenna Reference Point (ARP)		6.562			
S/N:						2.000			
Last Calibration or check Date:				Meters = Feet x (0.3048)		6.562			
				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)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity		
S/N:		Before	<i>02020</i>	<i>17:49</i>					
		Middle	<i>02020</i>	<i>18:10</i>					
		After	<i>02020</i>	<i>18:30</i>					
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):				Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier		LOG CHECKED BY:			
(Standard NGS Format = aaaadddd.xxx)				Visibility Observation Form: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier					
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension				Photographs of Station: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier					
				Pencil Rubbing of Mark: <input type="checkbox"/> Attached					
Table of	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND			
Weather	0	did not occur	Good, over 15 miles	Normal, 32° F - 80° F	Clear, below 20%	Calm, under 5mph (8km/h)			
Codes	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				