

 <p>GPS STATION OBSERVATION LOG April 16, 2003</p>	Station Designation: (check applicable: __ FBN__ CBN__ PAC__ SAC__ BM) <b>LAPIDUM AZ MK</b>	Station PID, if any: <b>JV6793</b>	Date (UTC): <b>03.17.09</b>
	General Location: <b>opp 158 S Main St, Port Deposit MD 21904</b>	Airport ID, if any: <b>LAPI</b>	Day of Year: <b>076</b>
Project Name: <b>CECIL COUNTY HMOD</b>		Project Number: <b>GPS-</b>	Station Serial # (SSN): <b>I</b>

NAD83 Latitude 0	NAD83 Longitude 0	NAD83 Ellipsoidal Height meters	Agency Full Name: <b>G. W. Stephens, Jr. and Assoc.</b> Operator Full Name: <b>CHRISTOPHER R. TWINE</b> Phone #: ( ) (410) 297-2340 e-mail address: <b>JShaw@gwstephens.com</b>
Observation Session Times (UTC): Sched. Start <b>19:15</b> Stop <b>20:00</b>		NAVD88 Orthometric Ht. meters	
Actual Start <b>7:15pm</b> Stop <b>8:00pm</b>		GEOID99 Geoid Height meters	
Epoch Interval = <b>5</b> Seconds Elevation Mask = <b>10</b> Degrees			

Receiver Brand & Model: <b>TRIMBLE 5300</b> <b>45145-AG</b> P/N: 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"/> (Y) / (N) Circle Yes or No Antenna plumb after session? <input checked="" type="radio"/> (Y) / (N) -If no, explain Antenna oriented to true North? <input checked="" type="radio"/> (Y) / (N) Weather observed at antenna ht. <input checked="" type="radio"/> (Y) / (N) Antenna ground plane used? <input checked="" type="radio"/> (Y) / (N) "  Antenna radome used? <input checked="" type="radio"/> (Y) / (N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y) / (N) Use Any obstructions above 10°? <input checked="" type="radio"/> (Y) / (N) Radio interference source nearby <input checked="" type="radio"/> (Y) / (N) Vis. form
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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: S/N: Last Adjustment date:  Psychrometer (if used) Brand & Model:  P/N: S/N: Last Calibration or check Date:	<b>** ANTENNA HEIGHT **</b>		Before Session Begins: Meters      Feet		After Session Ends: 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 <b>ANY</b> unusual conditions. Be <b>Very Explicit</b> as to where and how Measured!			

Barometer (if used) Brand & Model:  S/N:	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp		WetBulb Temp		Rel. % Humidity	Atm. Pressure	
				Fahrenheit	Celsius	Fahrenheit	Celsius		inches Hg	millibar
	Before	01011	19:15pm							
	Middle	01011	19:35pm							
	After	01011	20:00pm							

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: **19:15, 19:35, 20:00**

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 = aaaaddds.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:
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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