

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) <div style="text-align: center; font-size: 1.2em;">OGRADY</div>		Station PID, if any: <div style="text-align: center; font-size: 1.2em;">JU4414</div>		Date (UTC): <div style="text-align: center; font-size: 1.2em;">03.09.09</div>			
	General Location: opp 29 O'Grady Lane, Warwick MD 21912		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;">OGRA</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):			
NAD83 Latitude <div style="text-align: center;">0</div>		NAD83 Longitude <div style="text-align: center;">0</div>		NAD83 Ellipsoidal Height <div style="text-align: center;">meters</div>		Agency Full Name: <div style="text-align: center; font-size: 1.2em;">G. W. Stephens, Jr. and Assoc.</div> Operator Full Name: <div style="text-align: center; font-size: 1.2em;">CHRISTOPHER R. TWILLEY</div> Phone #: () (410) 297-2340 e-mail address: JShaw@gwstephens.com		
Observation Session Times (UTC): Sched. Start <u>13:25</u> Stop <u>14:05</u> Actual Start <u>1:25 pm</u> Stop <u>2:05 pm</u>		Epoch Interval = <u>5</u> Seconds Elevation Mask = <u>10</u> Degrees		NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters				
Receiver Brand & Model: <div style="font-size: 1.2em;">TRIMBLE 5800</div> P/N: <u>45145-46</u> S/N: <u>1123134751</u> Firmware Version:		Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters:		Antenna plumb before session? <input checked="" type="radio"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="radio"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (Y/N) -If no, Weather observed at antenna ht. <input checked="" type="radio"/> (Y/N) explain Antenna ground plane used? <input checked="" type="radio"/> (Y/N) " Antenna radome used? <input checked="" type="radio"/> (Y/N) If yes, Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y/N) describe. Any obstructions above 10°? <input checked="" type="radio"/> (Y/N) Use Radio interference source nearby <input checked="" type="radio"/> (Y/N) Vis. form				
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: <u>SECO</u> S/N: Last Adjustment date:		** ANTENNA HEIGHT **		Before Session Begins: Meters Feet		After Session Ends: 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) B= Additional offset to ARP if any (Tribrach/Spacer) H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		2.000 6.562 2.000 6.562 0.000 0.000 0.000 0.000 2.000 6.562 2.000 <u>6.562</u>		Note &/or sketch ANY unusual conditions. Height Entered Into Receiver = _____ meters. 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	01000	13:20 pm				
		Middle	01000	13:45 pm				
		After	01001	14:05 pm				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: <u>13:20, 13:45, 14:05</u>								
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	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, over 15 mph (24km/h)		
Examples:	00000 = No problem, good visibility, normal temp, clear, calm wind				12121 = Problems, poor visibility, hot, overcast, moderate wind			