GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable:__ FBN__ CBN__ PAC__ SAC __BM)

Station PID, if any:

Date (UTC):

General Location:

Airport ID, if any:

Station 4-Character ID:

Day of Year:

Project Name:

Project Number: **GPS-**

Station Serial # (SSN):

Session ID:(A,B,C etc)

NAD83 Latitude o ' "

NAD83 Longitude o ' "

NAD83 Ellipsoidal Height _____ meters

NAVD88 Orthometric Ht. _____ meters

GEOID99 Geoid Height _____ meters

Agency Full Name:

Operator Full Name:

Phone #: ( )

e-mail address:

Observation Session Times (UTC):
Sched. Start _____ Stop _____

Actual Start _____ Stop _____

Epoch Interval=____ Seconds
Elevation
Mask = _____ Degrees

Receiver Brand & Model:

P/N:
S/N:
Firmware Version:

☐ CamCorder Battery, ☐ 12V DC, ☐ 110V AC, ☐ Other

Antenna Code*, Brand & Model:

P/N:
S/N:
Cable Length, meters:

Vehicle is Parked _____ meters ____(direction) from antenna.

Antenna plumb before session? (Y / N) Circle
Antenna plumb after session? (Y / N) Yes or No
Antenna oriented to true North? (Y / N) -If no,
Weather observed at antenna ht. (Y / N) explain
Antenna ground plane used? (Y / N) "

Antenna radome used? (Y / N) If yes,
Eccentric occupation (>0.5 mm)? (Y / N) describe.
Any obstructions above 10°? (Y / N) Use
Radio interference source nearby (Y / N) Vis. form

Tripod or Antenna Mount: Check one:
☐ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ 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:

** 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.

Note &/or sketch **ANY** unusual conditions. 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						
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 = aaaaddds.xxx)
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension

Updated Station Description: ☐ Attached ☐ Submitted earlier
Visibility Obstruction Form: ☐ Attached ☐ Submitted earlier
Photographs of Station: ☐ Attached ☐ Submitted earlier
Pencil Rubbing of Mark: ☐ 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