



CSRS-PPP 3.50.3 (2022-03-04)



04711990_1990.09o
04711990

Data Start	Data End	Duration of Observations
2009-07-18 00:00:00.00	2009-07-18 23:59:30.00	23:59:30
Processing Time		Product Type
13:41:04 UTC 2022/11/21		IGS Final
Observations	Frequency	Mode
Phase and Code	Double	Static
Elevation Cut-Off	Rejected Epochs	Fixed Ambiguities
7.5 degrees	0.00 %	0.00 %
Antenna Model	APC to ARP	ARP to Marker
TRM39105.00 NONE	L1 = 0.052 m L2 = 0.059 m	H:0.000m / E:0.000m / N:0.000m

(APC = antenna phase center; ARP = antenna reference point)

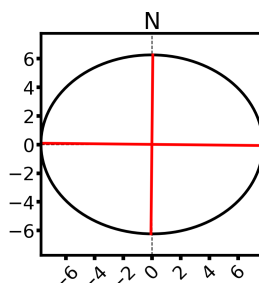
Estimated Position for 04711990_1990.09o

	Latitude (+n)	Longitude (+e)	Ell. Height
ITRF05 (2009.5)	69° 29' 43.40583"	-49° 42' 4.34857"	953.140 m
Sigmas(95%)	0.005 m	0.006 m	0.017 m
A priori*	69° 29' 43.40474"	-49° 42' 4.37475"	952.892 m
Estimated – A priori	0.034 m	0.284 m	0.249 m

Orthometric Height
CGVD2013
(CGG2013a)
(2009.5)

923.811 m
(click for height reference
information)

95% Error Ellipse (mm)
semi-major: 8 mm
semi-minor: 6 mm
semi-major azimuth: -89° 35' 40.61"



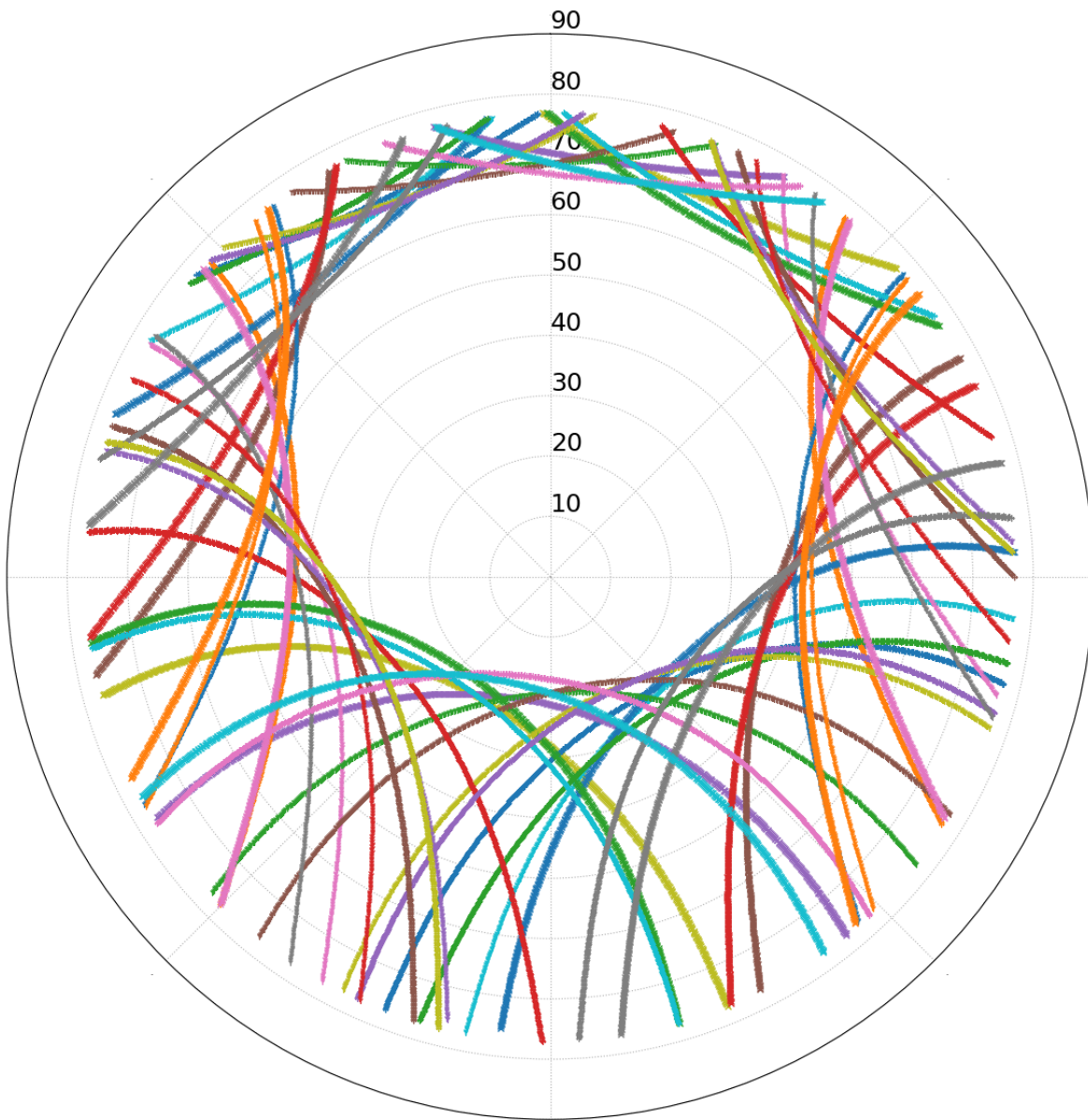
UTM (North)
Zone 22

7710141.020 m (N)
550769.960 m (E)

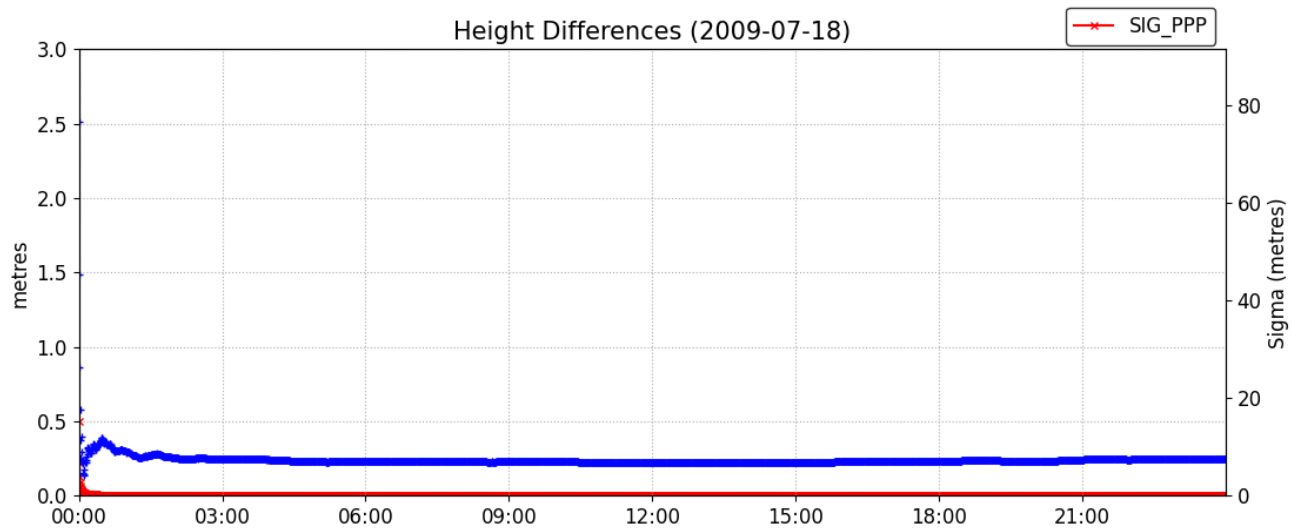
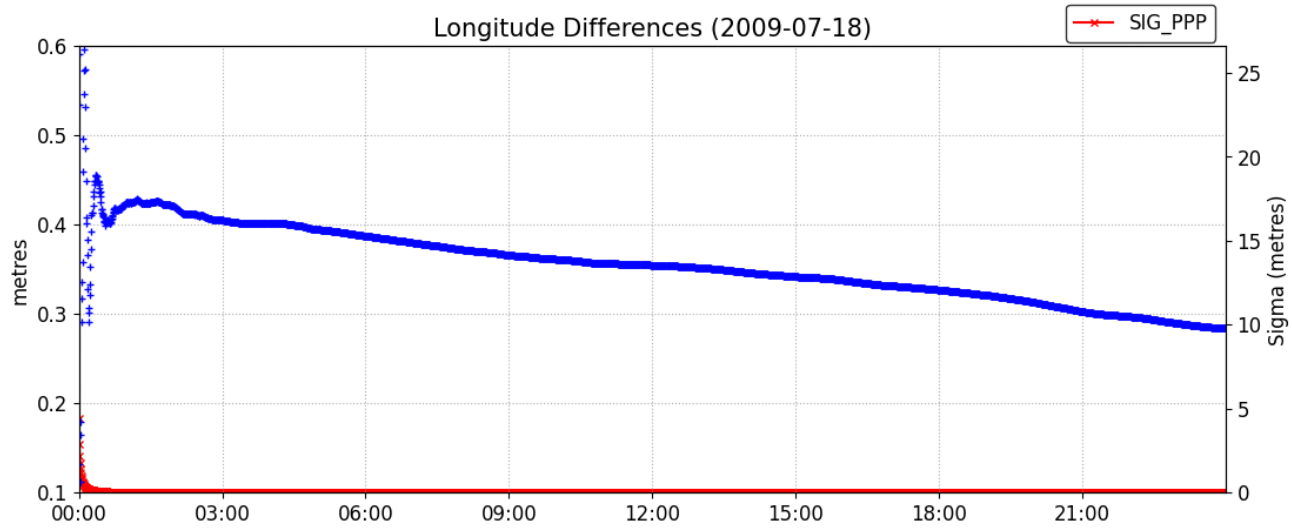
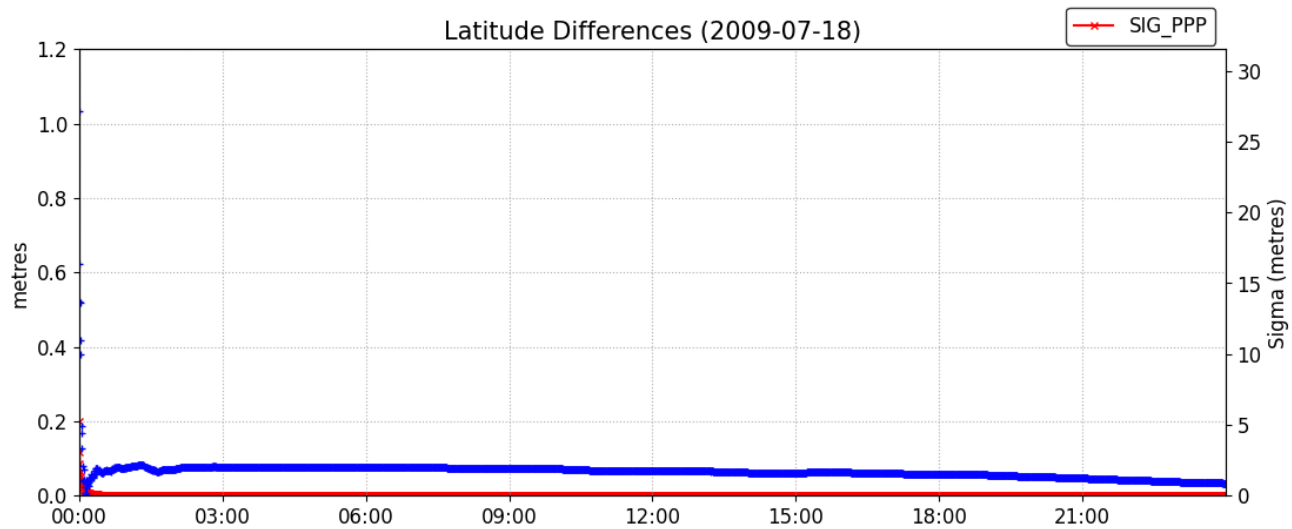
Scale Factors
0.99963153 (point)
0.99948255 (combined)

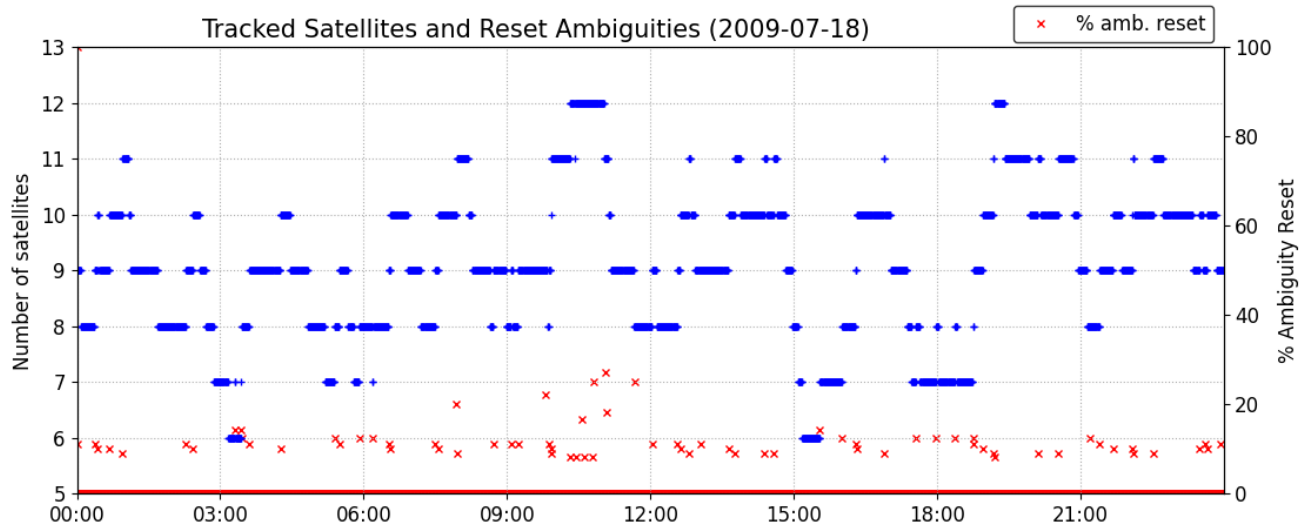
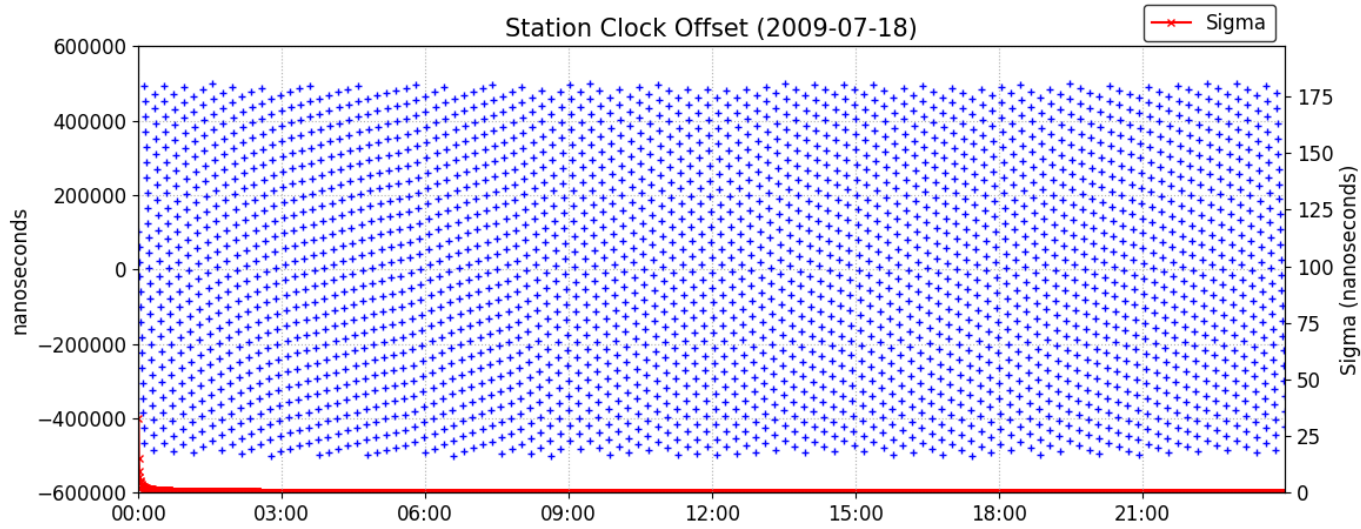
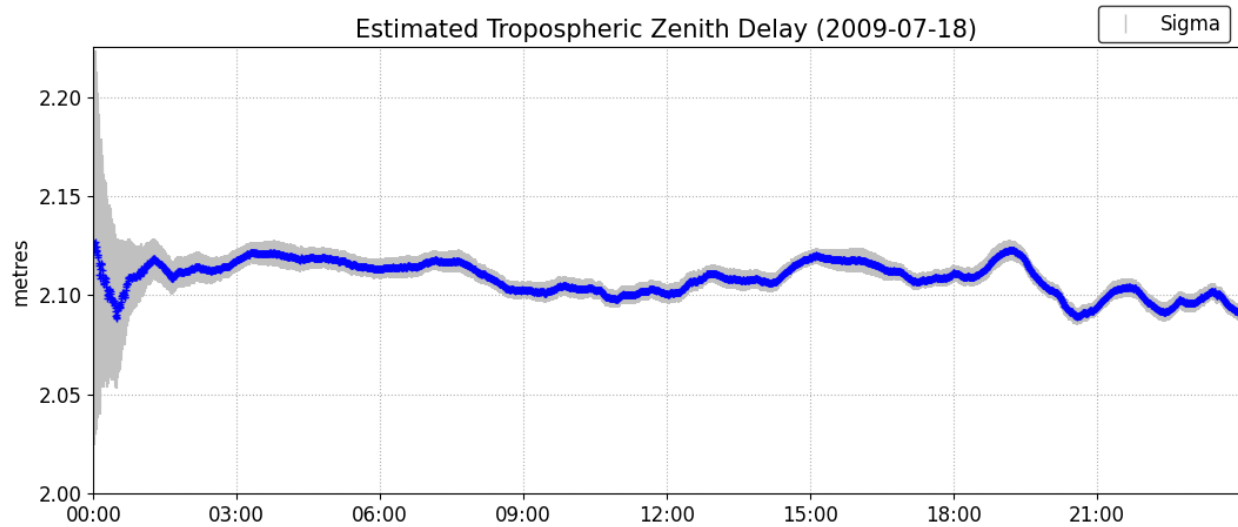
*(Coordinates from RINEX header used as a priori position)

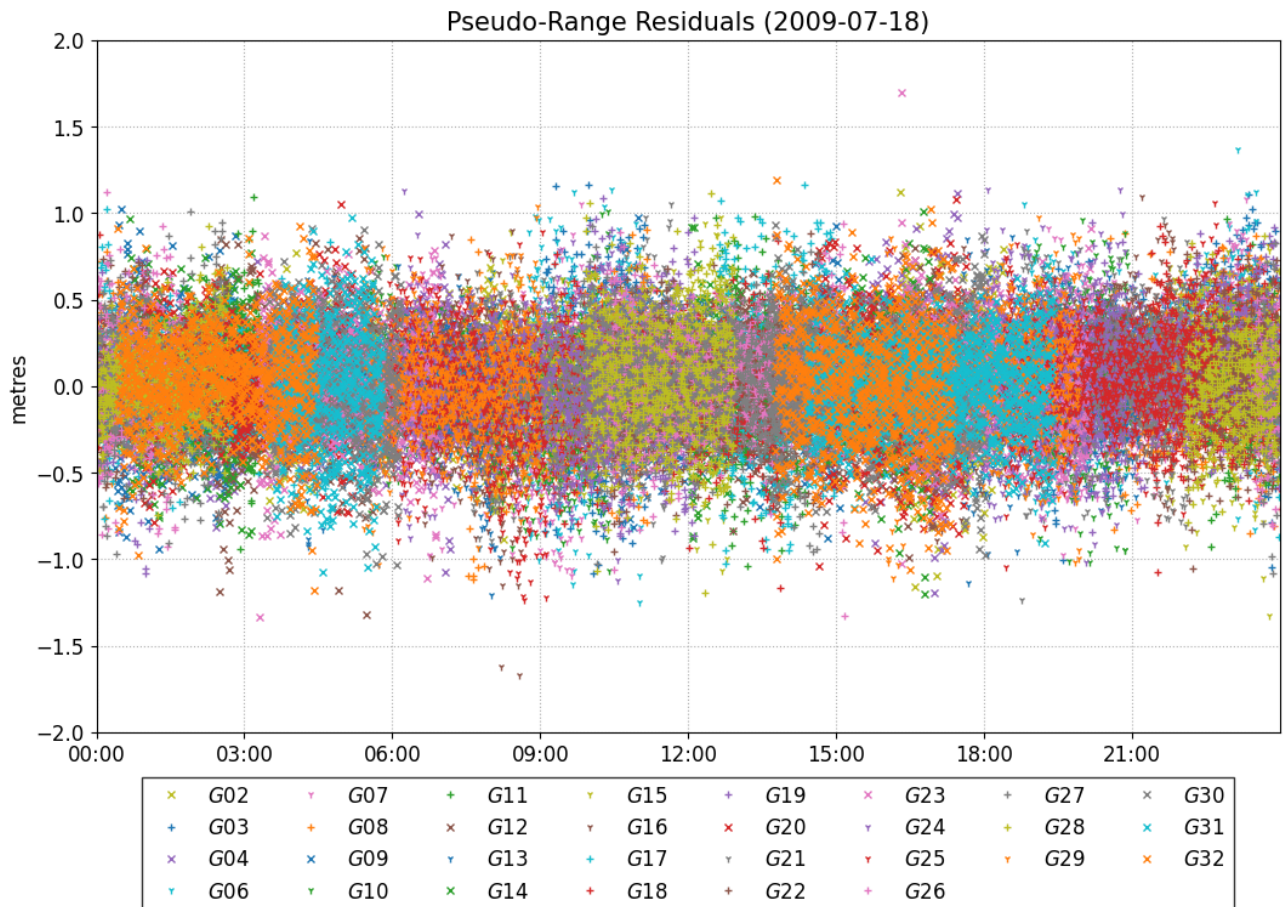
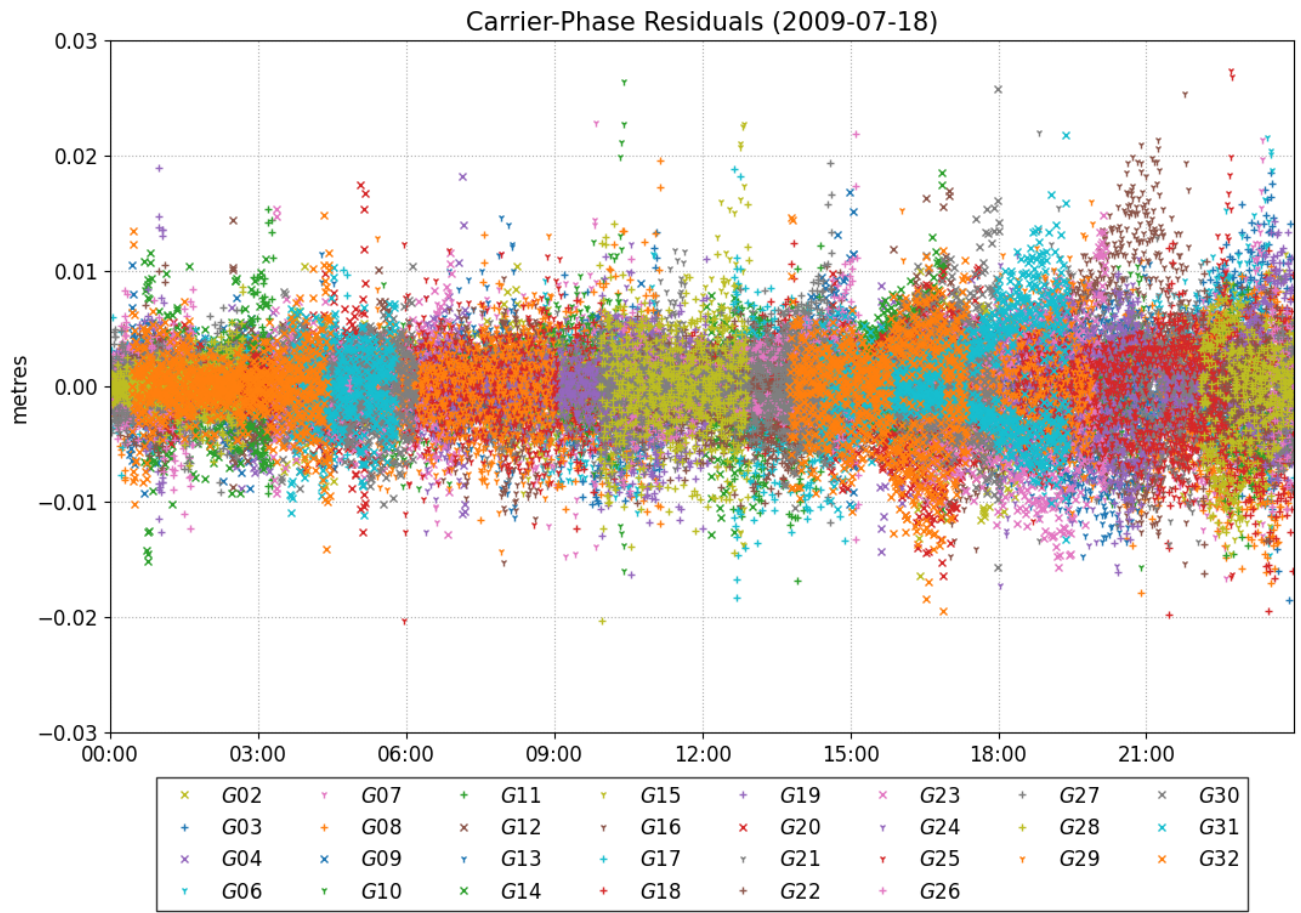
Satellite Sky Distribution



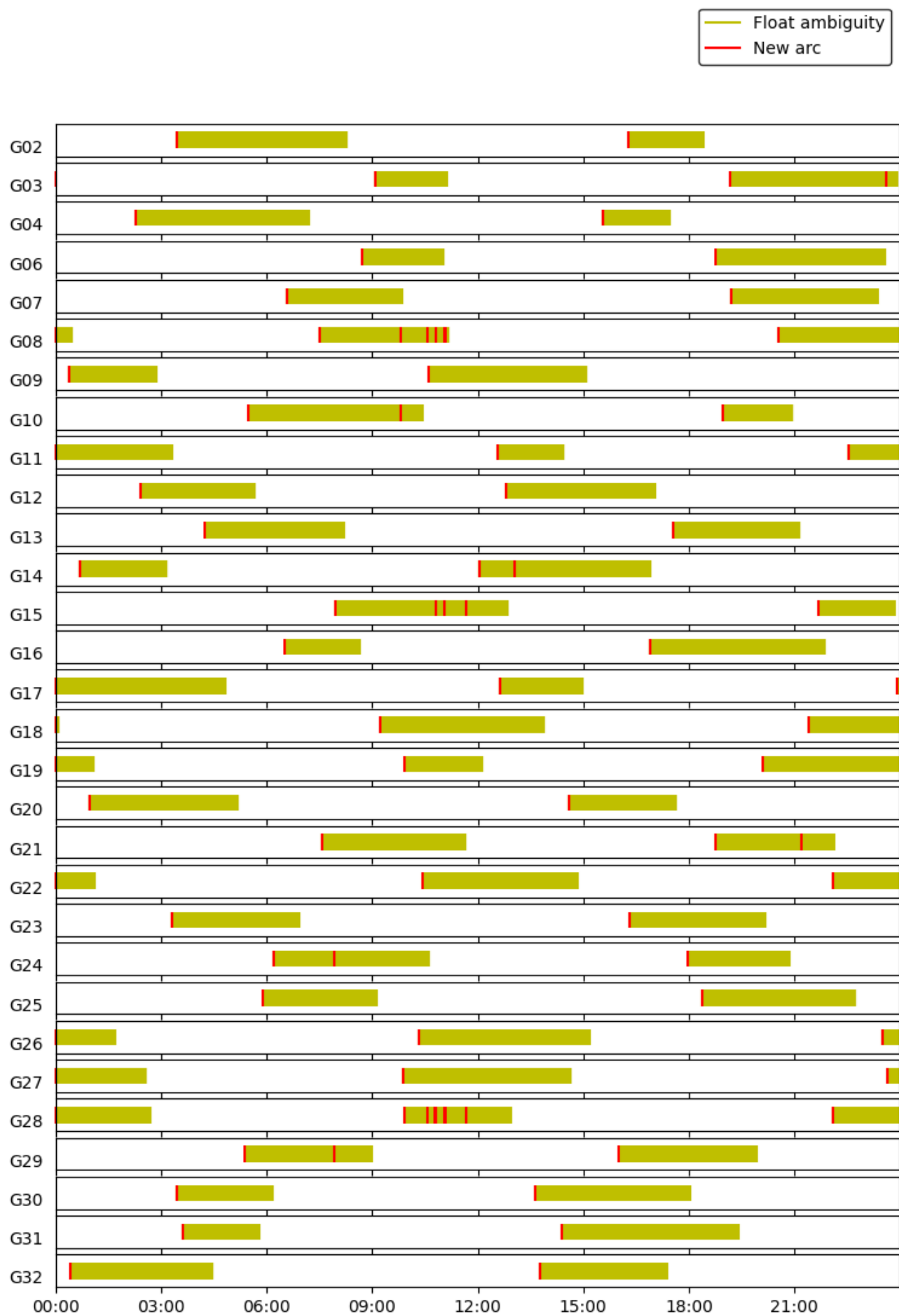
× G02	+ G08	▼ G13	+ G18	× G23	+ G28
+ G03	× G09	× G14	+ G19	▼ G24	▼ G29
× G04	▼ G10	▼ G15	× G20	▼ G25	× G30
▼ G06	+ G11	▼ G16	▼ G21	+ G26	× G31
▼ G07	× G12	+ G17	+ G22	+ G27	× G32







Phase Ambiguity Status (2009-07-18)



~~~ Disclaimer ~~~

Natural Resources Canada does not assume any liability deemed to have been caused directly or indirectly by any content of its CSRS-PPP online positioning service.

If you have any questions, please feel free to contact:

**Geodetic Integrated Services
Canadian Geodetic Survey
Surveyor General Branch
Natural Resources Canada
Government of Canada
588 Booth Street, Room 334
Ottawa, Ontario K1A 0Y7
Phone: 343-292-6617**

Email: geodeticinformation-informationgeodesique@nrcan-rncan.gc.ca



**Natural Resources
Canada**

**Ressources naturelles
Canada**

Canada