CSRS-PPP 3.50.3 (2022-03-04)

04711940_1940.09o
04711940

Data Start	Data End	Duration of Observations
2009-07-13 00:00:00.00	2009-07-13 23:59:30.00	23:59:30

Processing Time		Product Type
13:40:29 UTC 2022/11/21		IGS Final

Observations	Frequency	Mode
Phase and Code	Double	Static

Elevation Cut-Off	Rejected Epochs	Fixed Ambiguities	Estimation Steps
7.5 degrees	0.00 %	0.00 %	30.00 sec

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 04711940_1940.09o

	Latitude (+n)	Longitude (+e)	Ell. Height
ITRF05 (2009.5)	69° 29' 43.42261"	-49° 42' 4.21940"	953.115 m
Sigmas(95%)	0.005 m	0.006 m	0.017 m
A priori*	69° 29' 43.41950"	-49° 42' 4.22294"	953.461 m
Estimated − A priori	0.096 m	0.038 m	-0.346 m

Orthometric Height
CGVD2013
(CGG2013a)
(2009.5)

923.785 m

(click for height reference
information)

95% Error Ellipse (mm)
semi-major: 8 mm
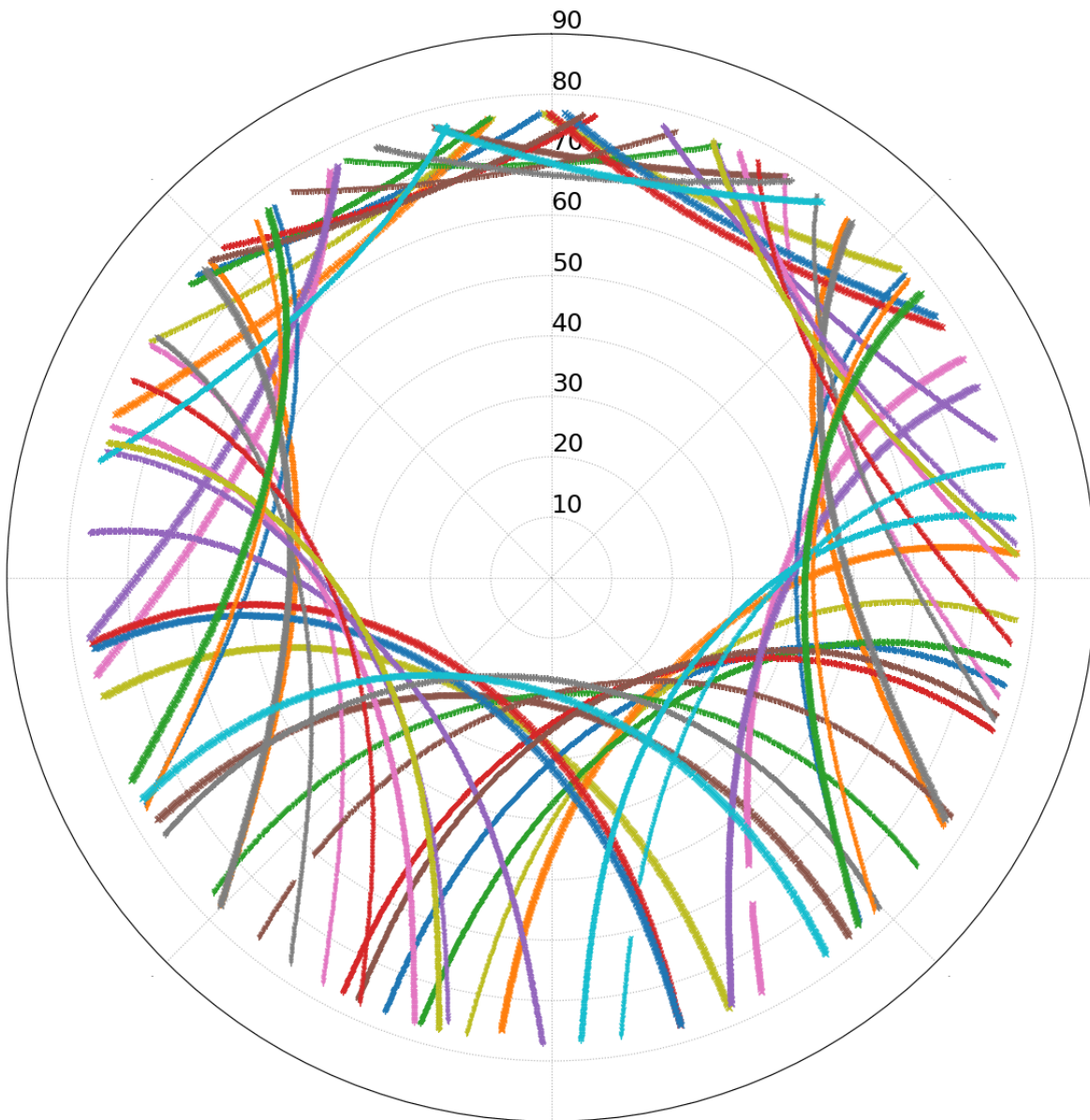semi-minor: 6 mm
semi-major azimuth: -84° 15' 35.76"
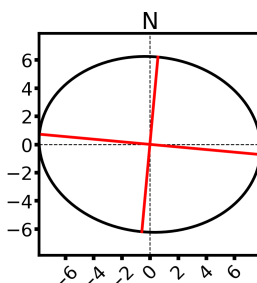
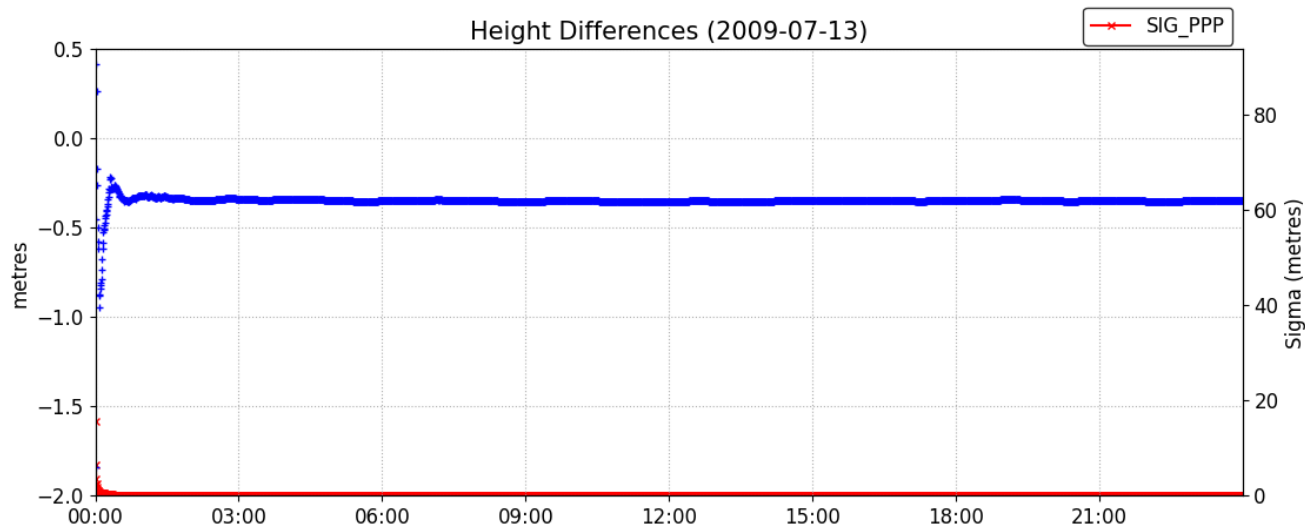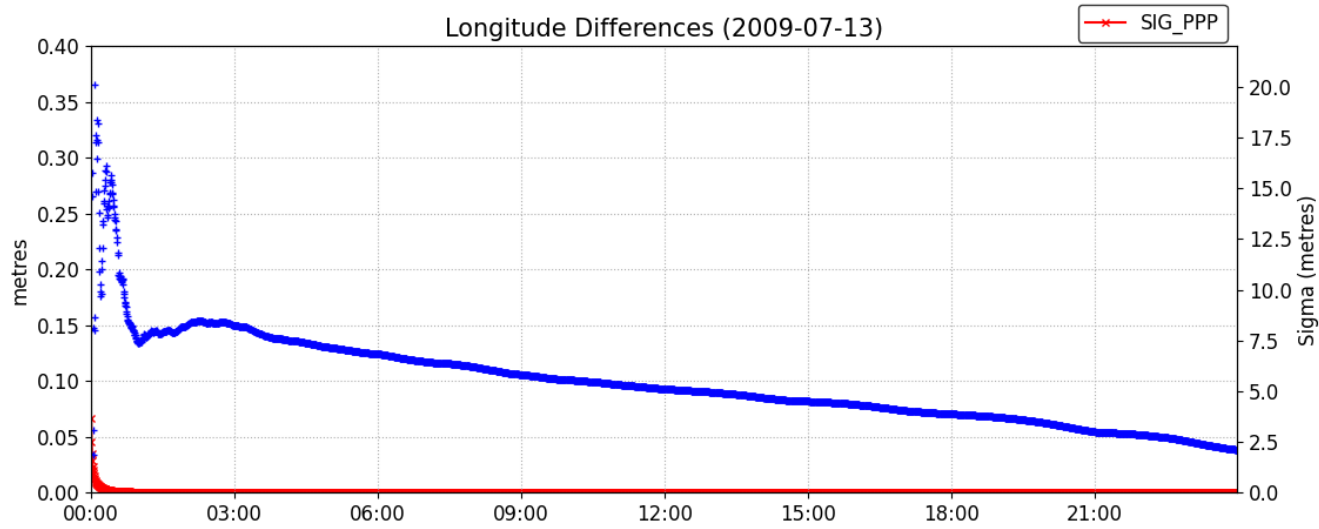**UTM (North)**
Zone 22

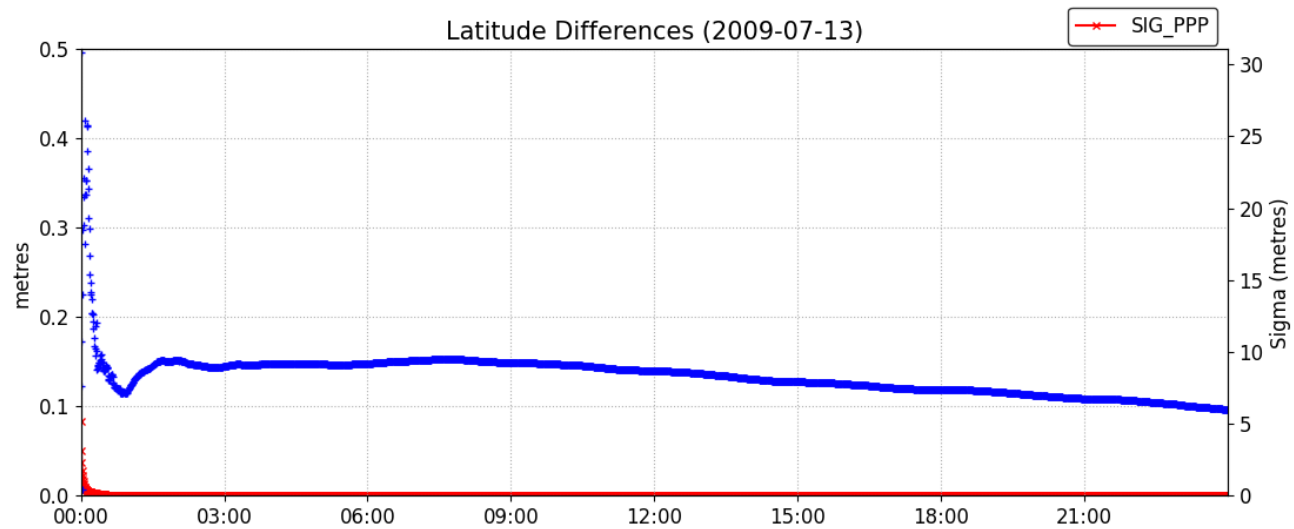7710141.570 m (N)
550771.351 m (E)
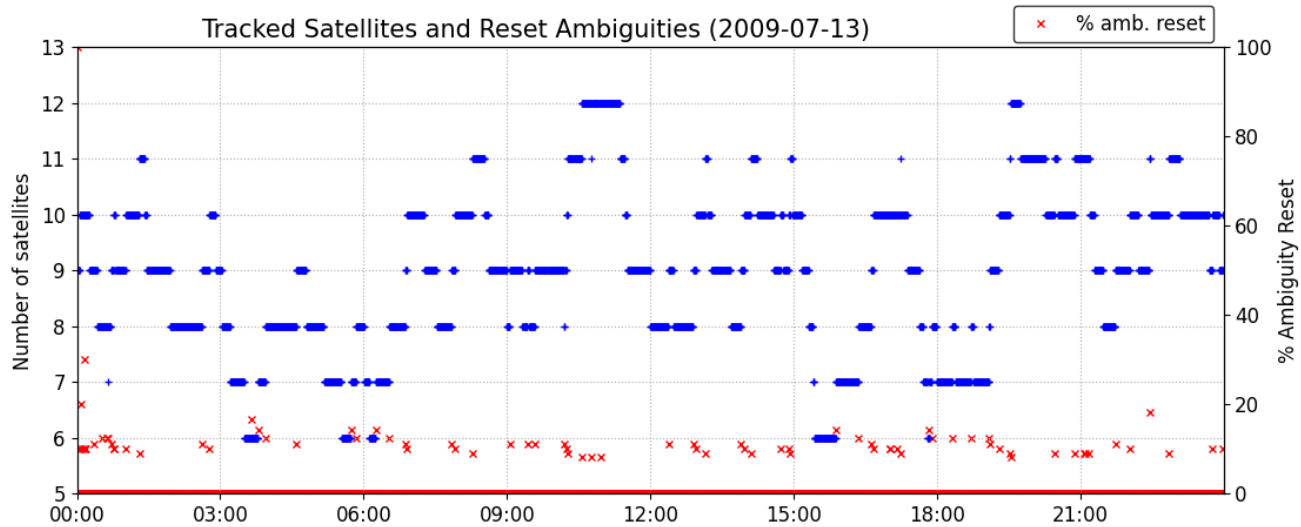
Scale Factors
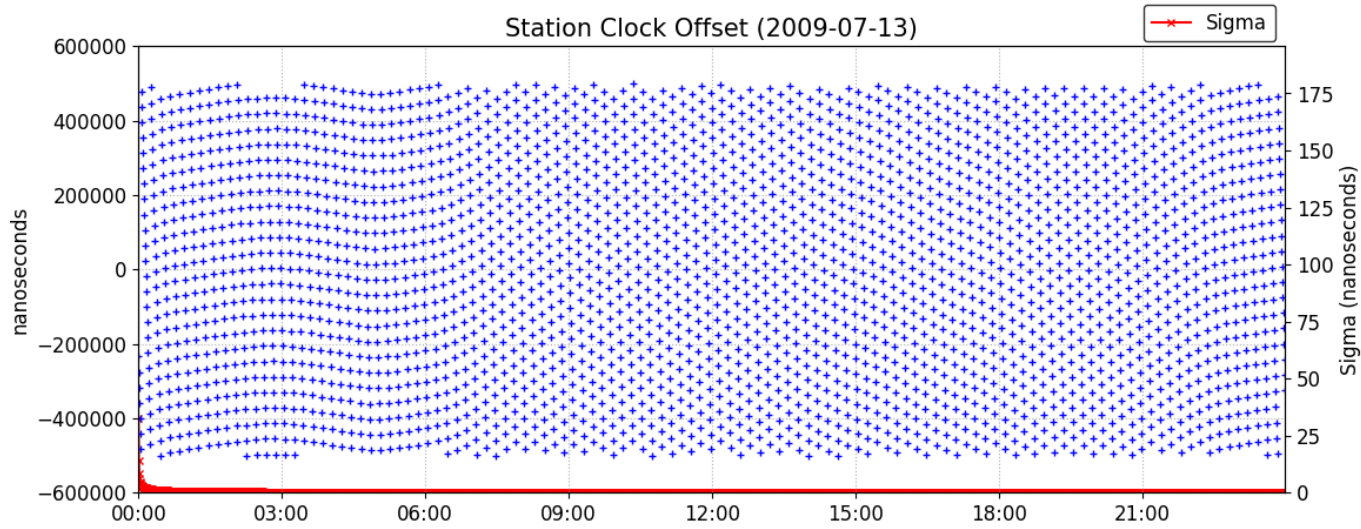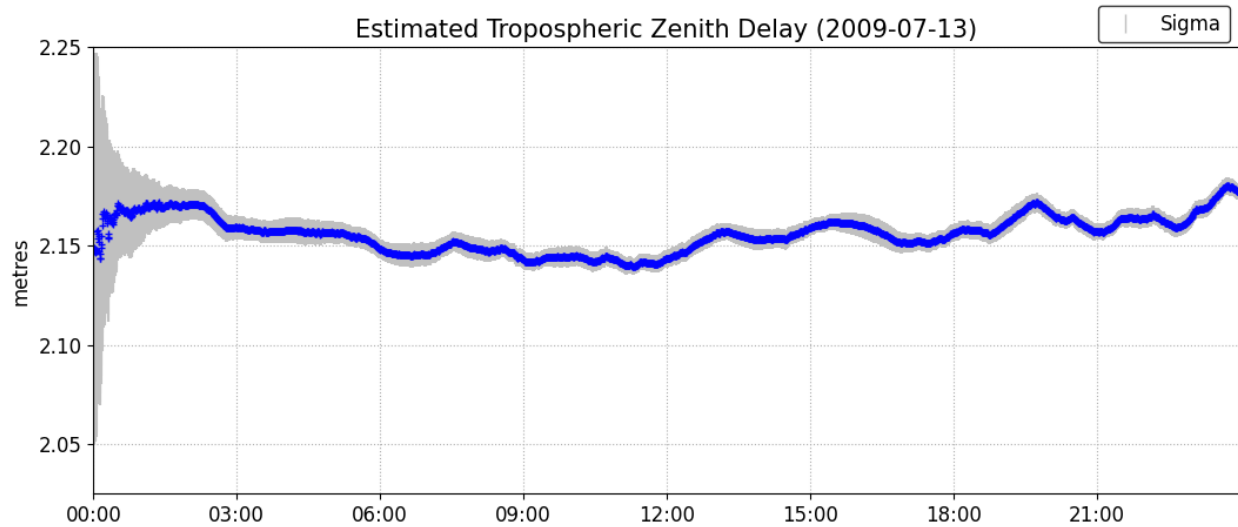0.99963154 (point)
0.99948256 (combined)

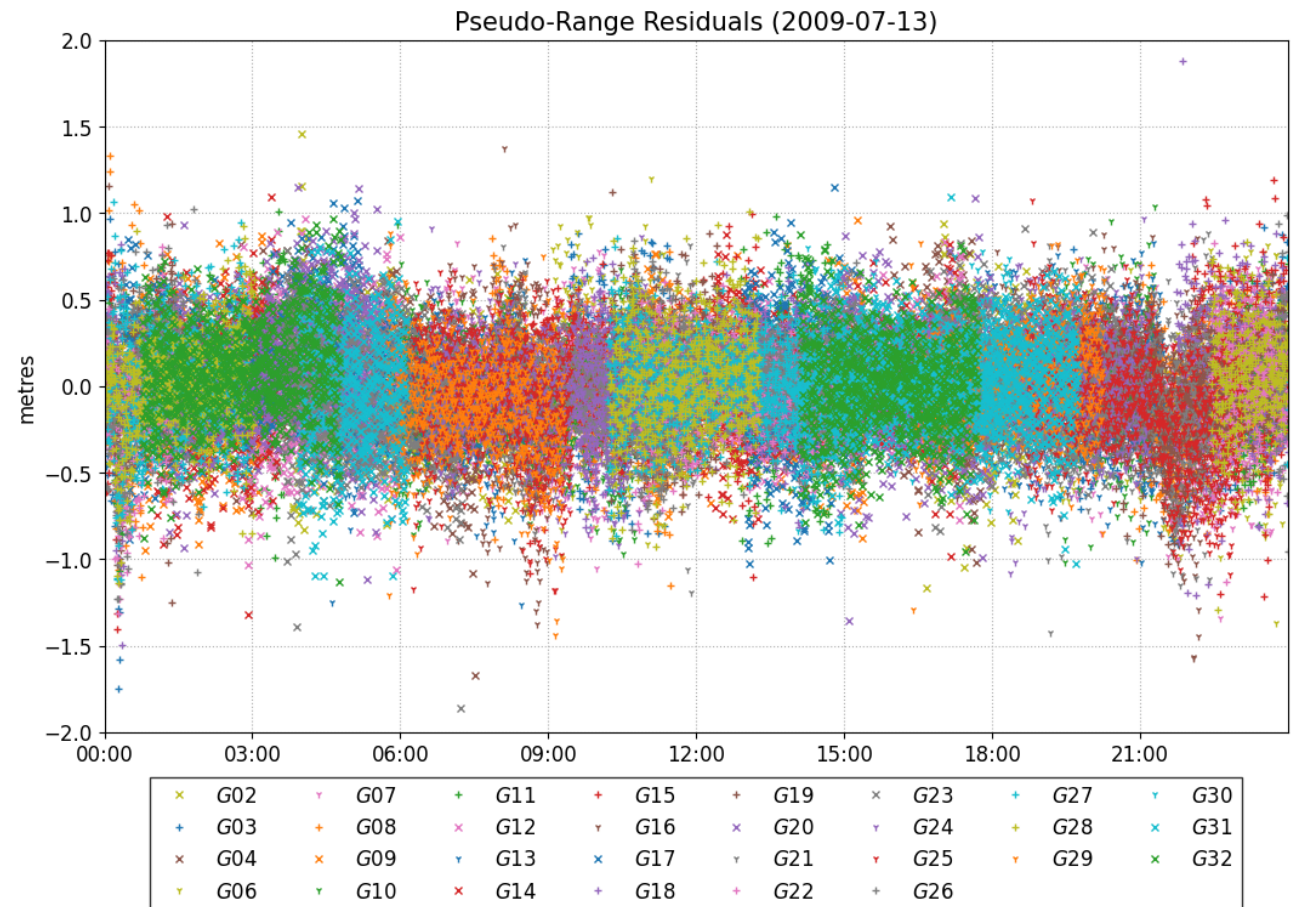*(Coordinates from RINEX header used as a priori position)

Satellite Sky Distribution

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

Latitude Differences (2009-07-13)

Longitude Differences (2009-07-13)

Height Differences (2009-07-13)

Estimated Tropospheric Zenith Delay (2009-07-13)

Station Clock Offset (2009-07-13)

Tracked Satellites and Reset Ambiguities (2009-07-13)

Carrier-Phase Residuals (2009-07-13)

Pseudo-Range Residuals (2009-07-13)
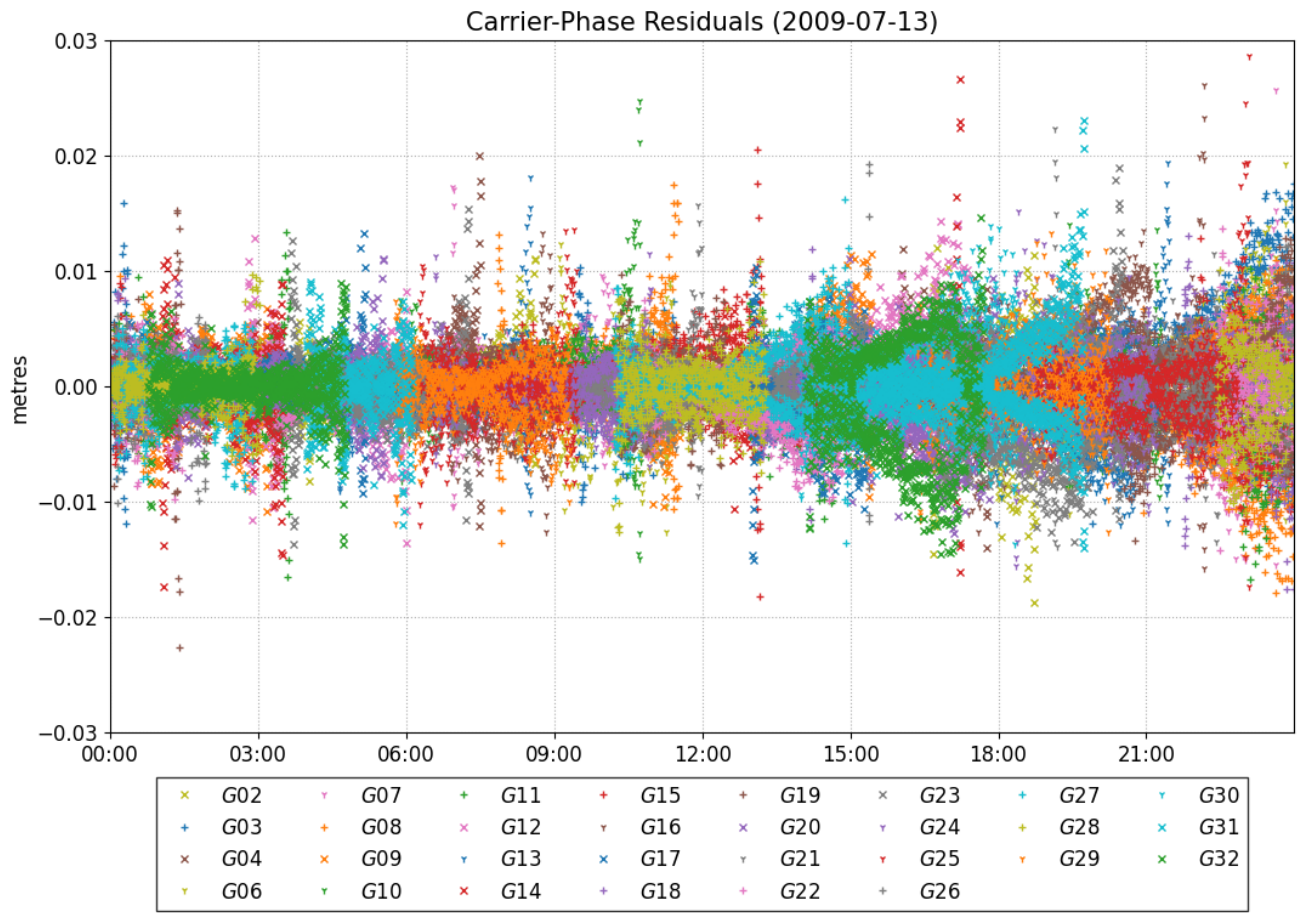
Phase Ambiguity Status (2009-07-13)
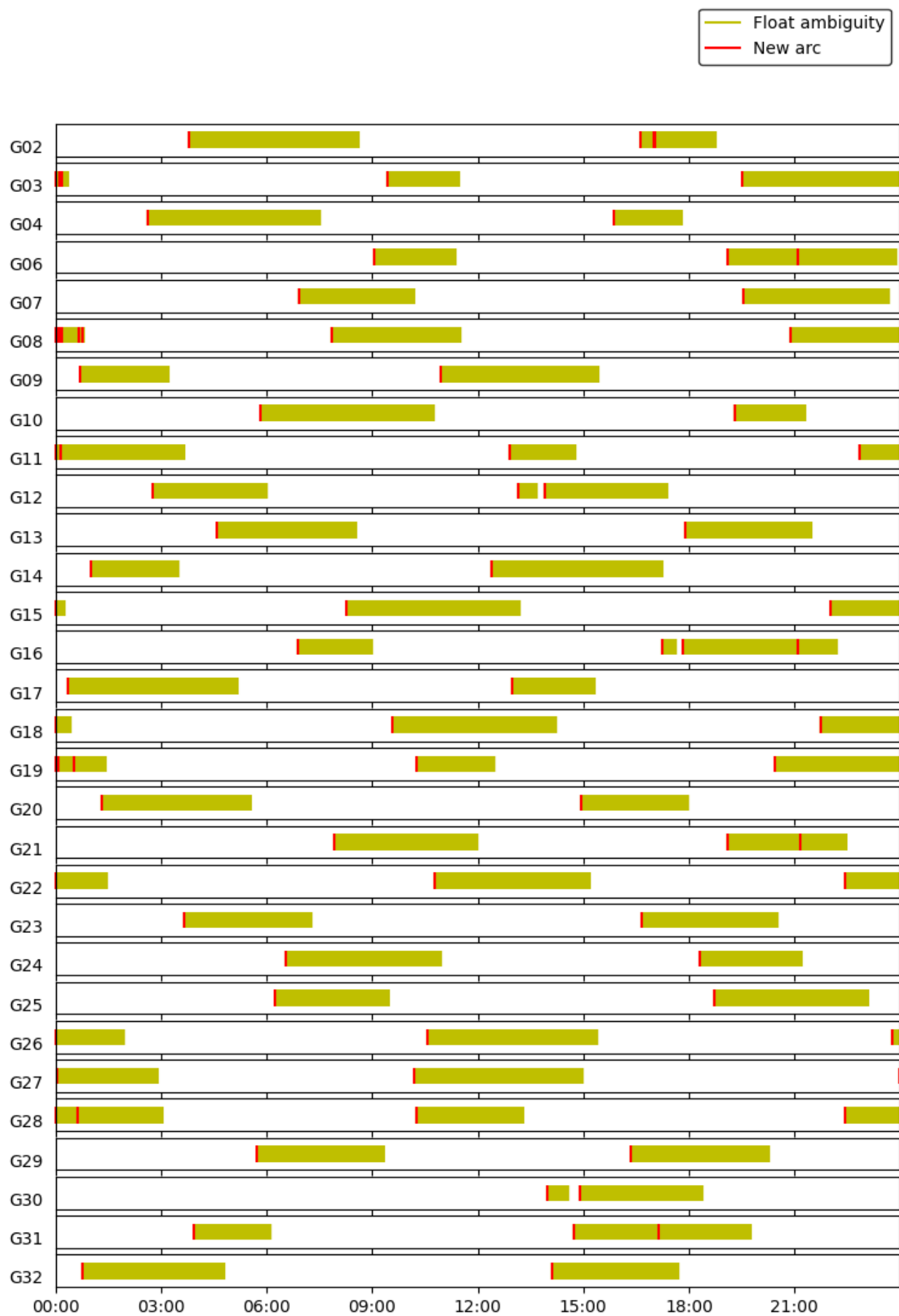
~~~ Disclaimer ~~~

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