



# CSRS-PPP 3.50.3 (2022-03-04)



04712150\_2150.09o  
04712150

<b>Data Start</b>	<b>Data End</b>	<b>Duration of Observations</b>
2009-08-03 00:00:00.00	2009-08-03 23:59:30.00	23:59:30
<b>Processing Time</b>		<b>Product Type</b>
13:42:03 UTC 2022/11/21		IGS Final
<b>Observations</b>	<b>Frequency</b>	<b>Mode</b>
Phase and Code	Double	Static
<b>Elevation Cut-Off</b>	<b>Rejected Epochs</b>	<b>Fixed Ambiguities</b>
7.5 degrees	0.00 %	0.00 %
<b>Antenna Model</b>	<b>APC to ARP</b>	<b>ARP to Marker</b>
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)

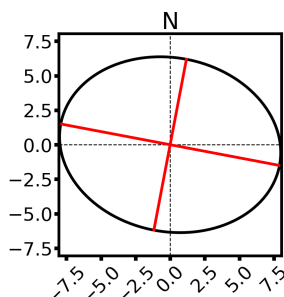
## Estimated Position for 04712150\_2150.09o

	<b>Latitude (+n)</b>	<b>Longitude (+e)</b>	<b>Ell. Height</b>
<b>ITRF05 (2009.6)</b>	69° 29' 43.35720"	-49° 42' 4.63999"	953.078 m
<b>Sigmas(95%)</b>	0.005 m	0.006 m	0.017 m
<b>A priori*</b>	69° 29' 43.35251"	-49° 42' 4.62586"	953.011 m
<b>Estimated – A priori</b>	0.145 m	-0.154 m	0.067 m

**Orthometric Height**  
**CGVD2013**  
**(CGG2013a)**  
**(2009.6)**

923.749 m  
(click for height reference information)

**95% Error Ellipse (mm)**  
semi-major: 8 mm  
semi-minor: 6 mm  
semi-major azimuth: -79° 45' 34.77"

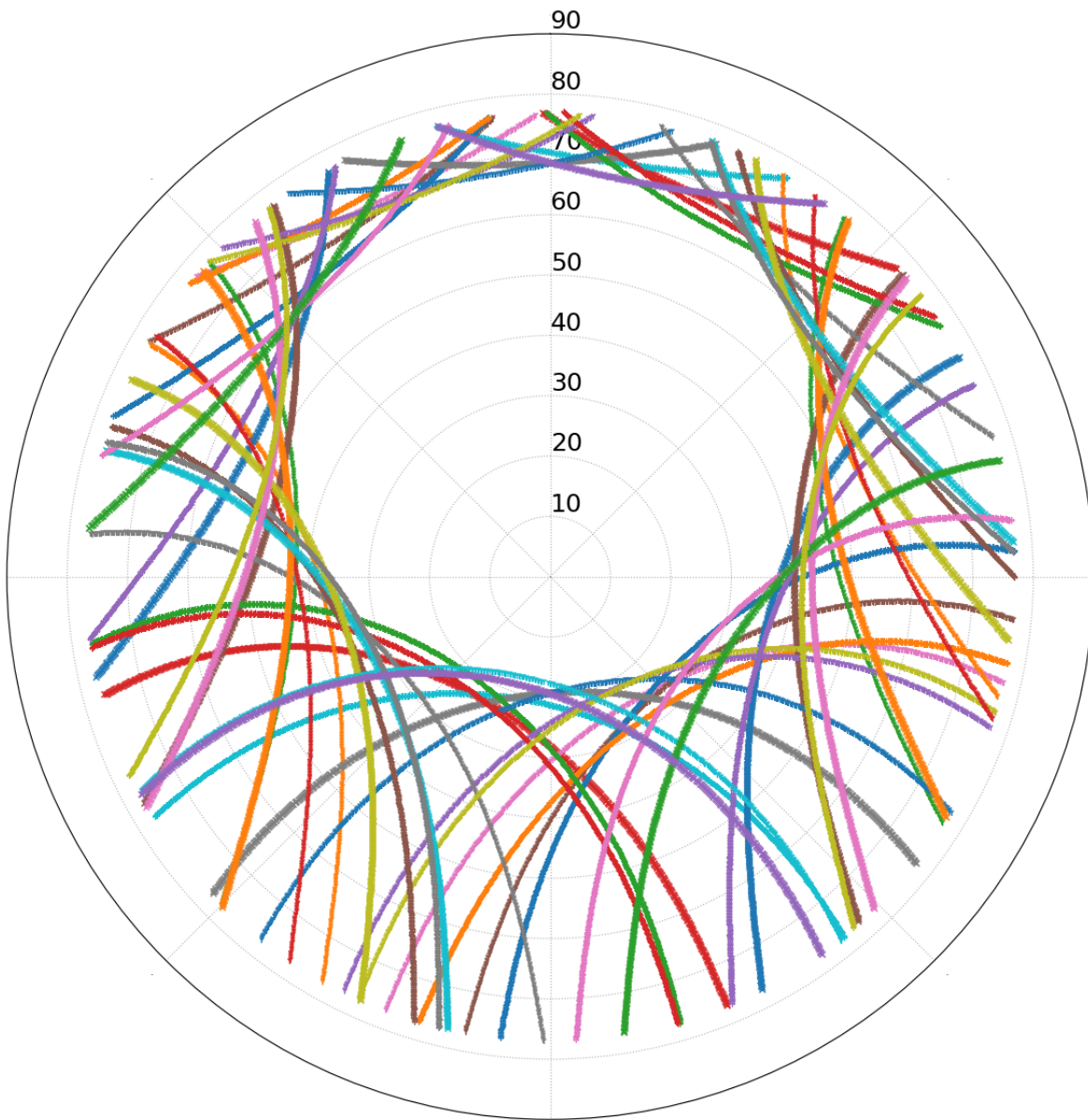


**UTM (North)**  
**Zone 22**

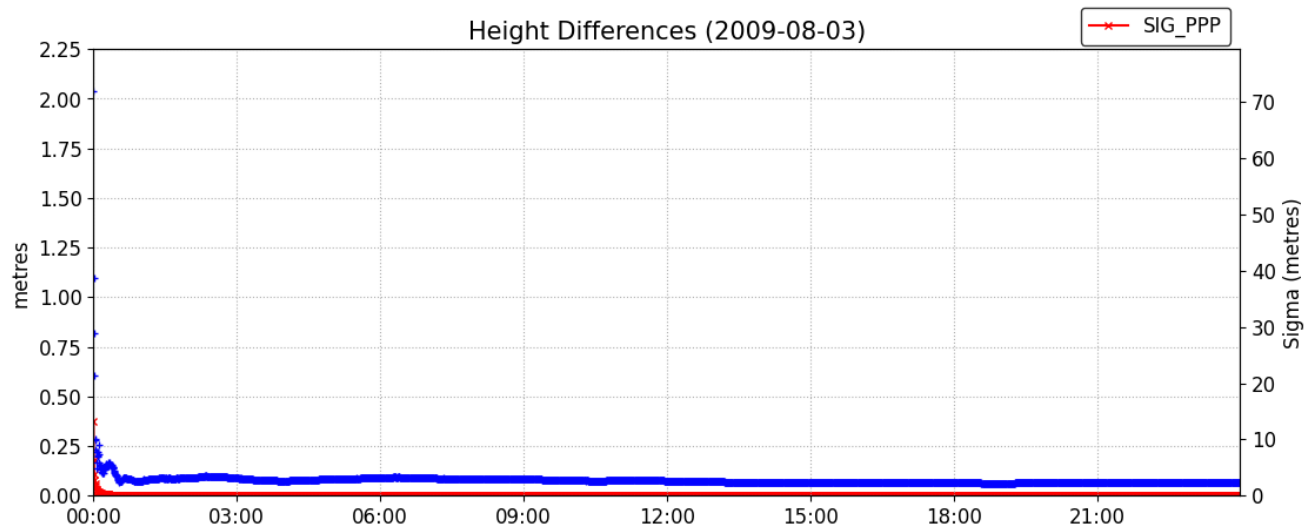
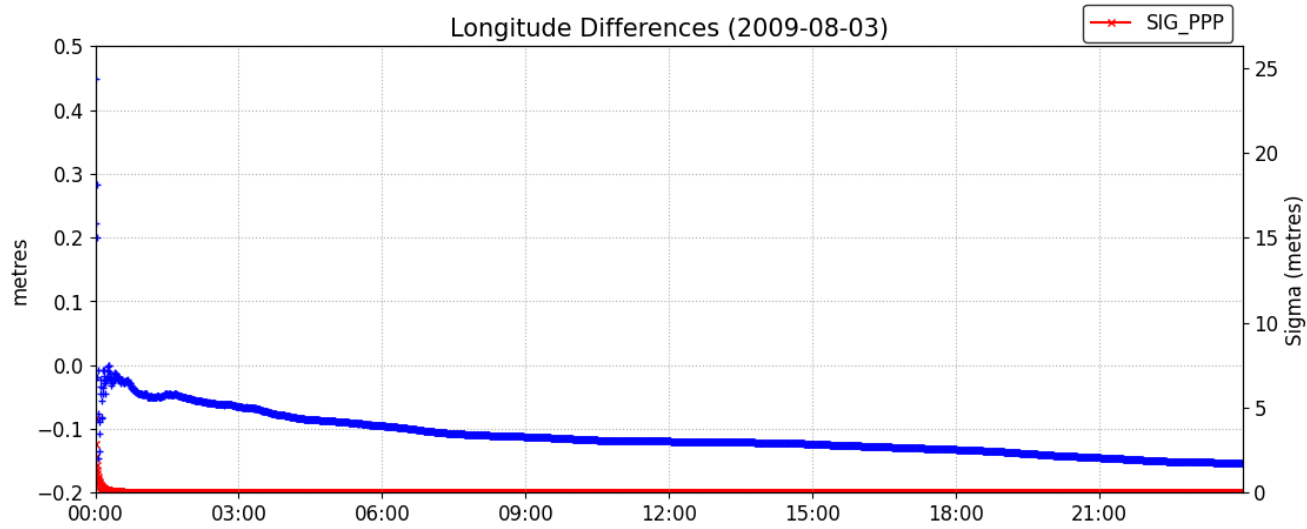
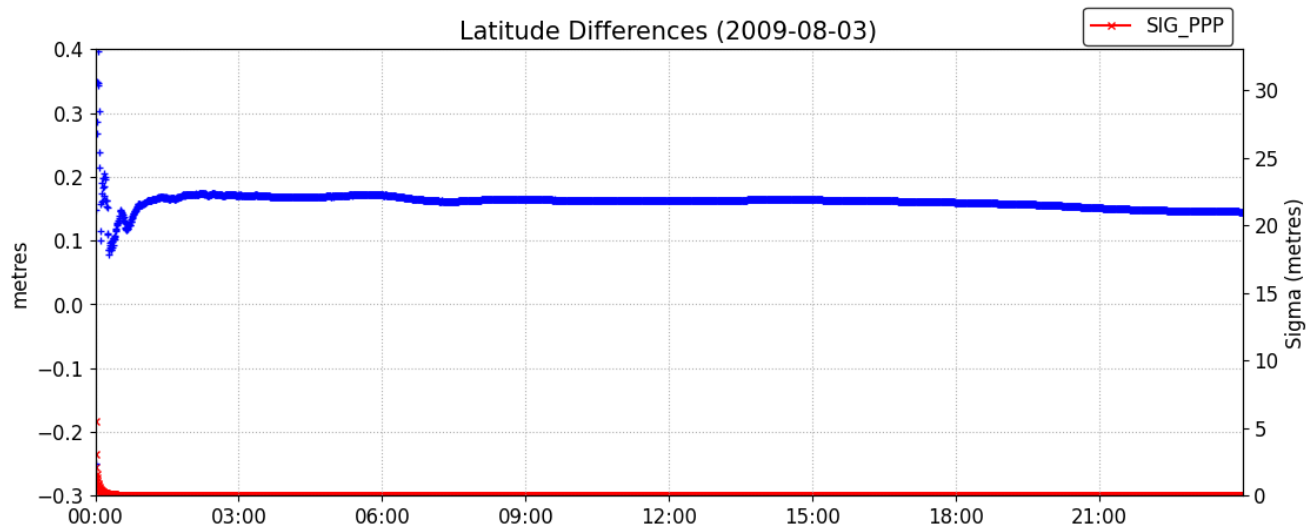
7710139.447 m (N)  
550766.828 m (E)  
**Scale Factors**  
0.99963153 (point)  
0.99948256 (combined)

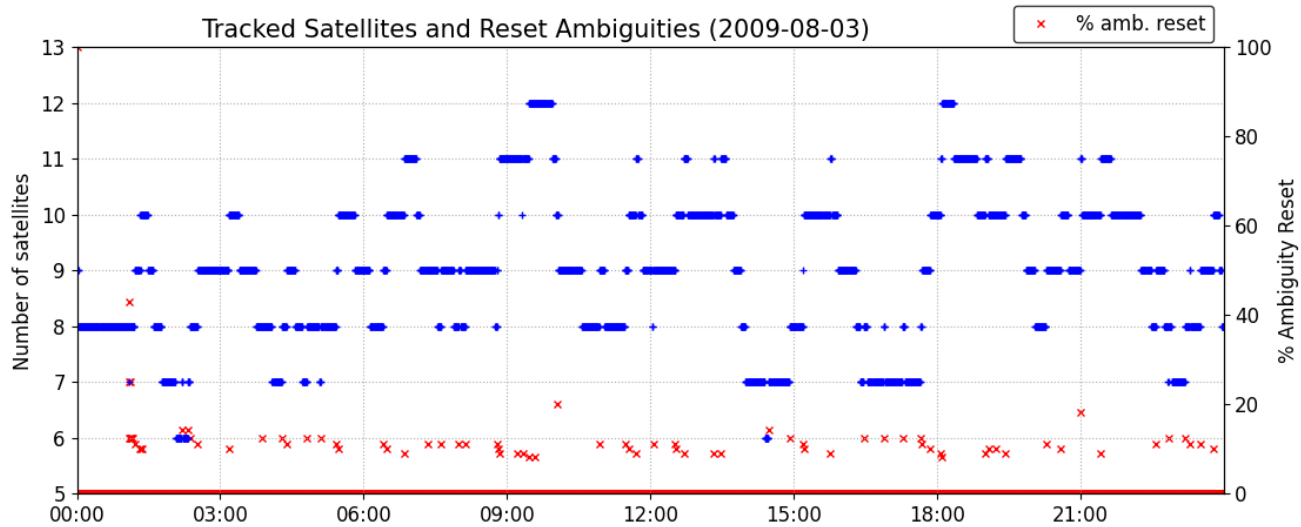
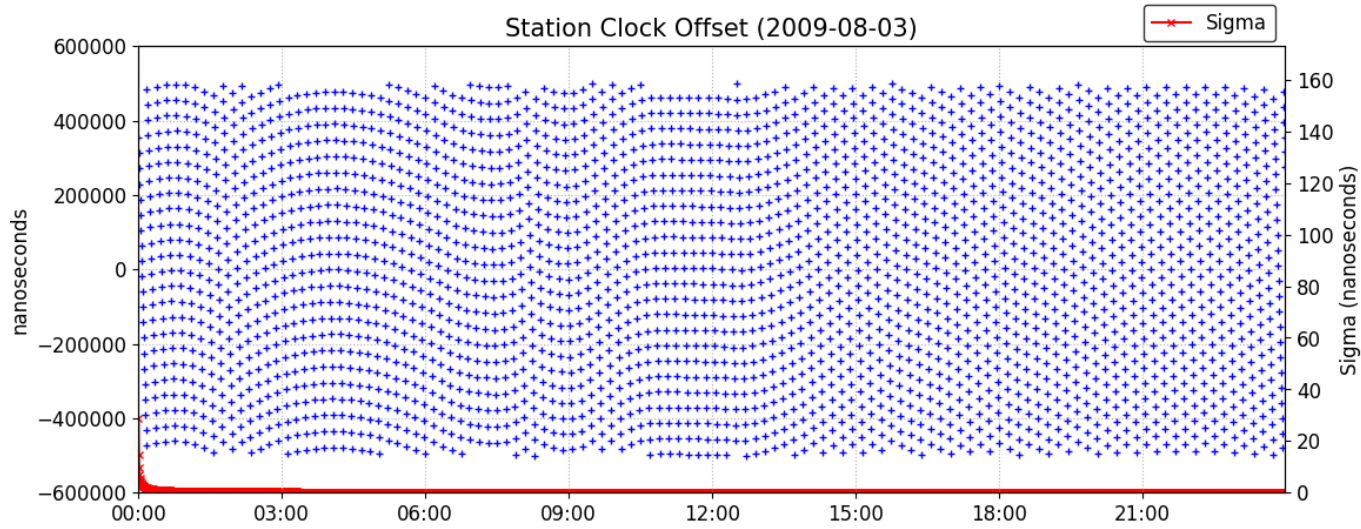
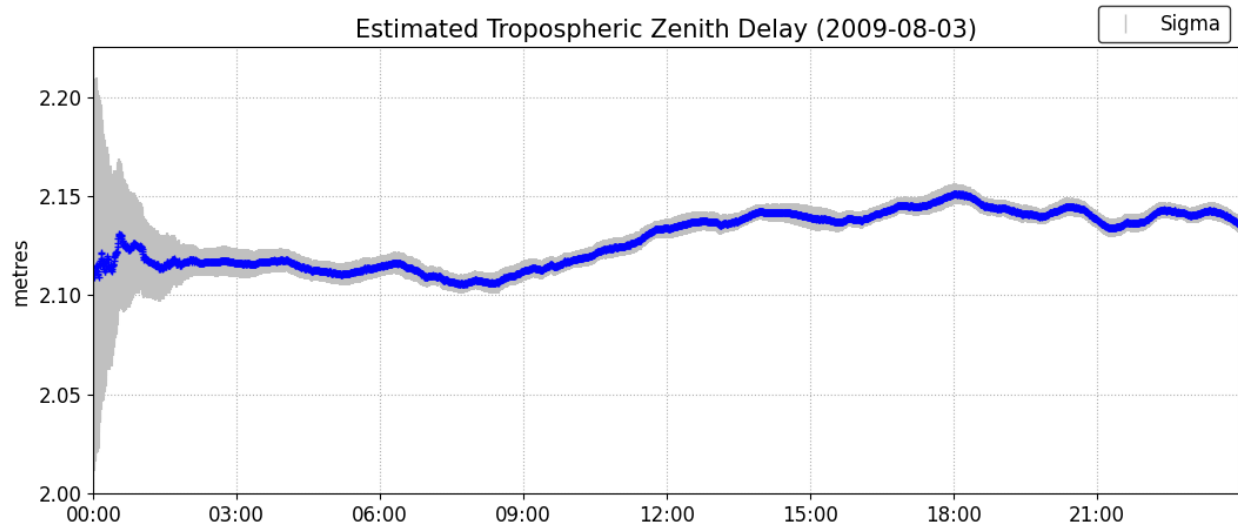
\*(Coordinates from RINEX header used as a priori position)

Satellite Sky Distribution

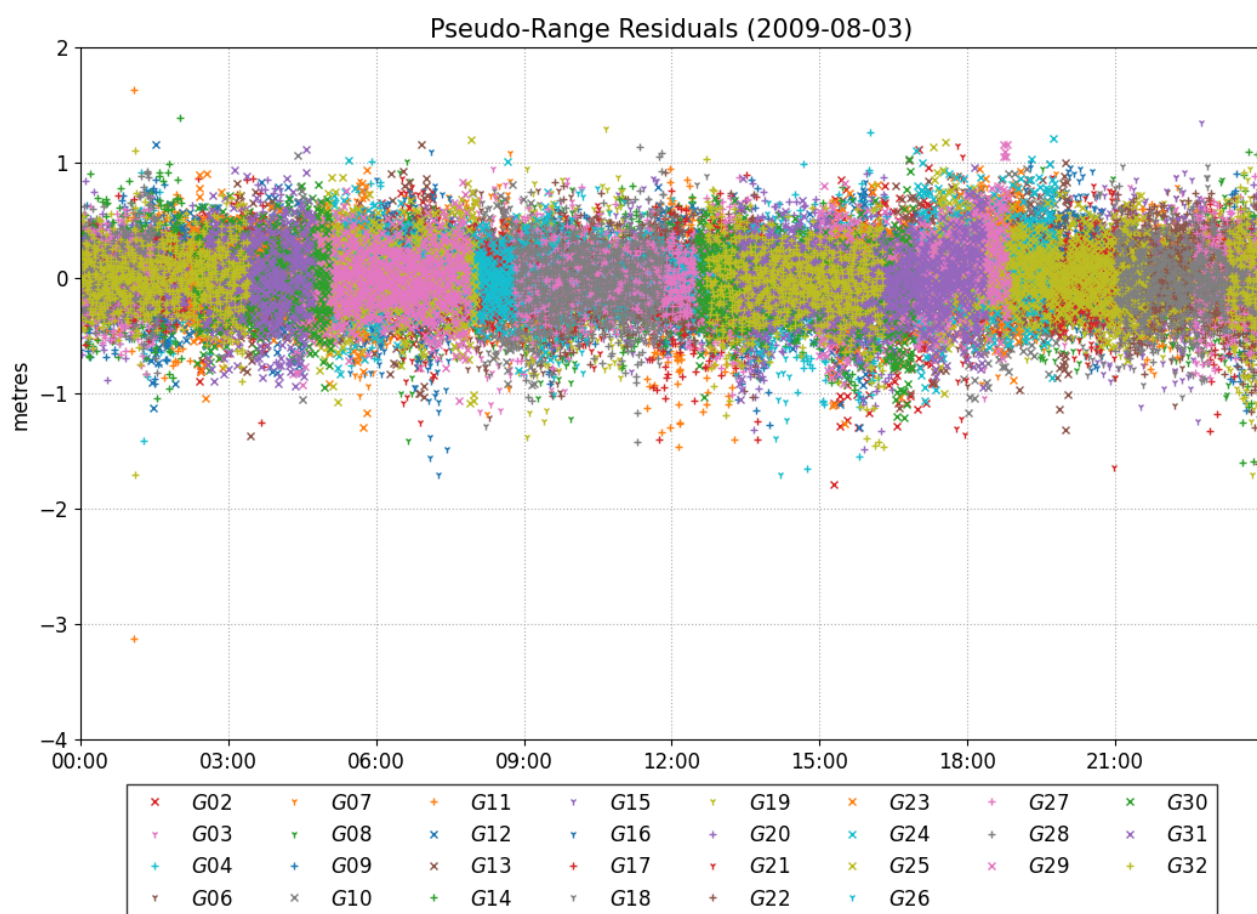
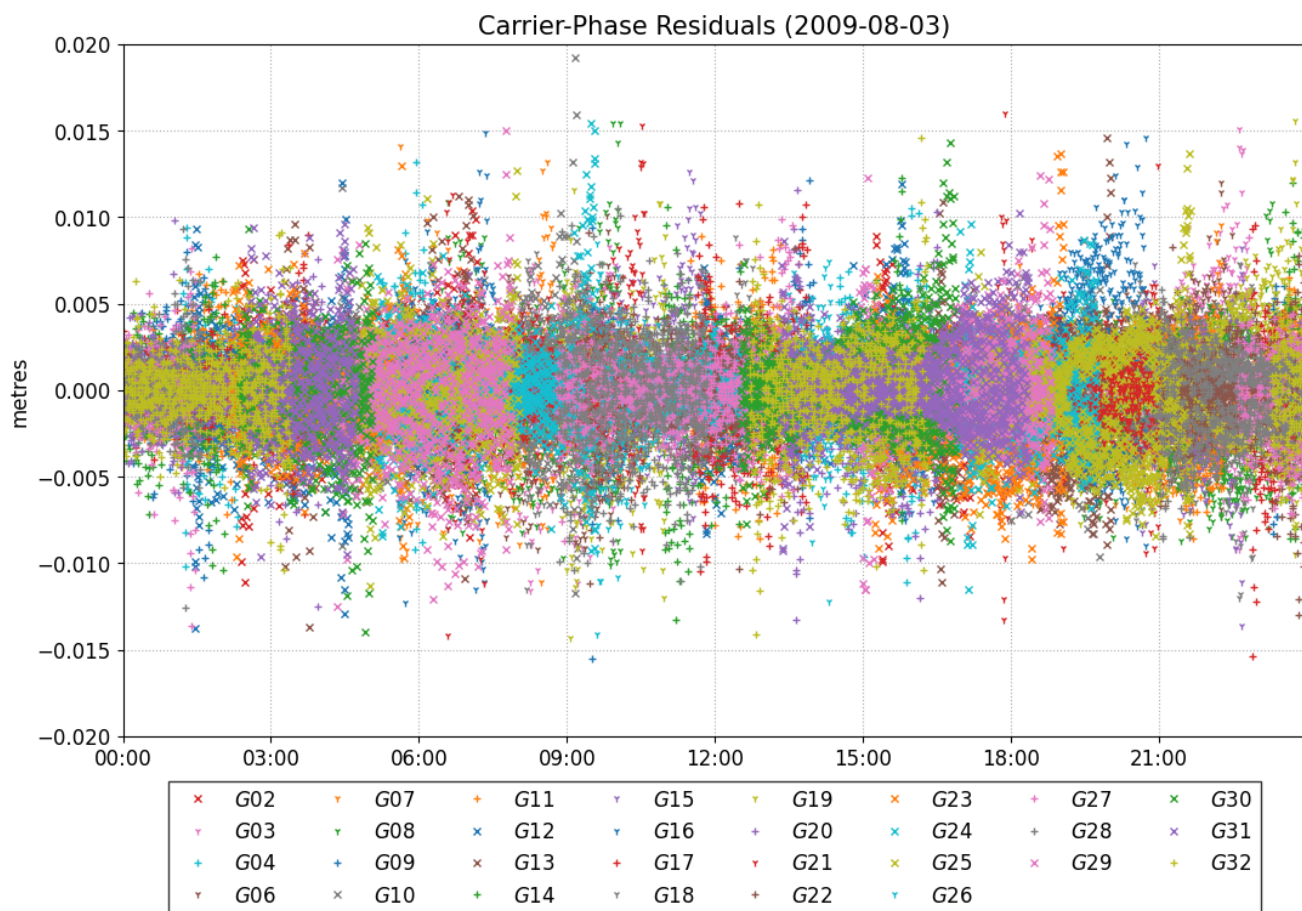


×	G02	▼	G08	×	G13	▼	G18	×	G23	+	G28
▼	G03	+	G09	+	G14	▼	G19	×	G24	×	G29
+	G04	×	G10	▼	G15	+	G20	×	G25	×	G30
▼	G06	+	G11	▼	G16	▼	G21	▼	G26	×	G31
▼	G07	×	G12	+	G17	+	G22	+	G27	+	G32

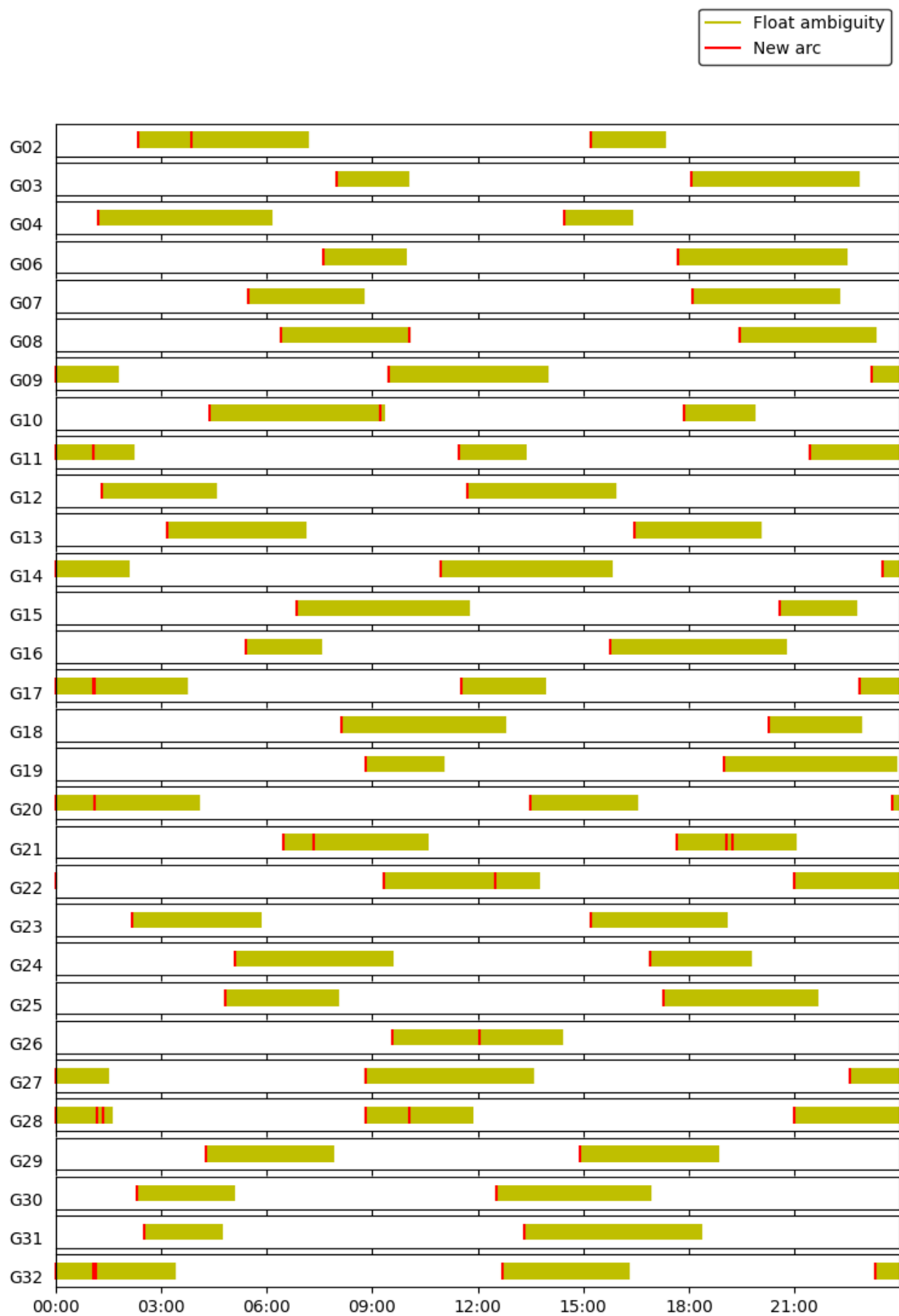








# Phase Ambiguity Status (2009-08-03)



**~~~ 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](mailto:geodeticinformation-informationgeodesique@nrcan-rncan.gc.ca)**



**Natural Resources  
Canada**

**Ressources naturelles  
Canada**

**Canada**