



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



04712871\_287x.09o  
04712871

<b>Data Start</b>	<b>Data End</b>	<b>Duration of Observations</b>
2009-10-14 23:10:30.00	2009-10-14 23:59:30.00	0:49:00
<b>Processing Time</b>		<b>Product Type</b>
13:48:54 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>Estimation Steps</b>
		30.00 sec
<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)

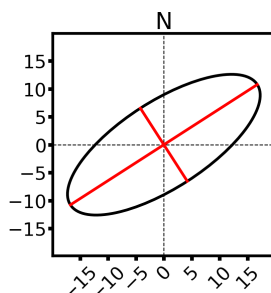
## Estimated Position for 04712871\_287x.09o

	<b>Latitude (+n)</b>	<b>Longitude (+e)</b>	<b>Ell. Height</b>
<b>ITRF05 (2009.8)</b>	69° 29' 43.19097"	-49° 42' 5.76294"	952.896 m
<b>Sigmas(95%)</b>	0.101 m	0.138 m	0.227 m
<b>A priori*</b>	69° 29' 43.18542"	-49° 42' 5.75070"	950.809 m
<b>Estimated – A priori</b>	0.172 m	-0.133 m	2.087 m

**Orthometric Height**  
**CGVD2013**  
**(CGG2013a)**  
**(2009.8)**

923.568 m  
(click for height reference information)

**95% Error Ellipse (cm)**  
semi-major: 19.9 cm  
semi-minor: 7.8 cm  
semi-major azimuth: 57° 15' 37.24"

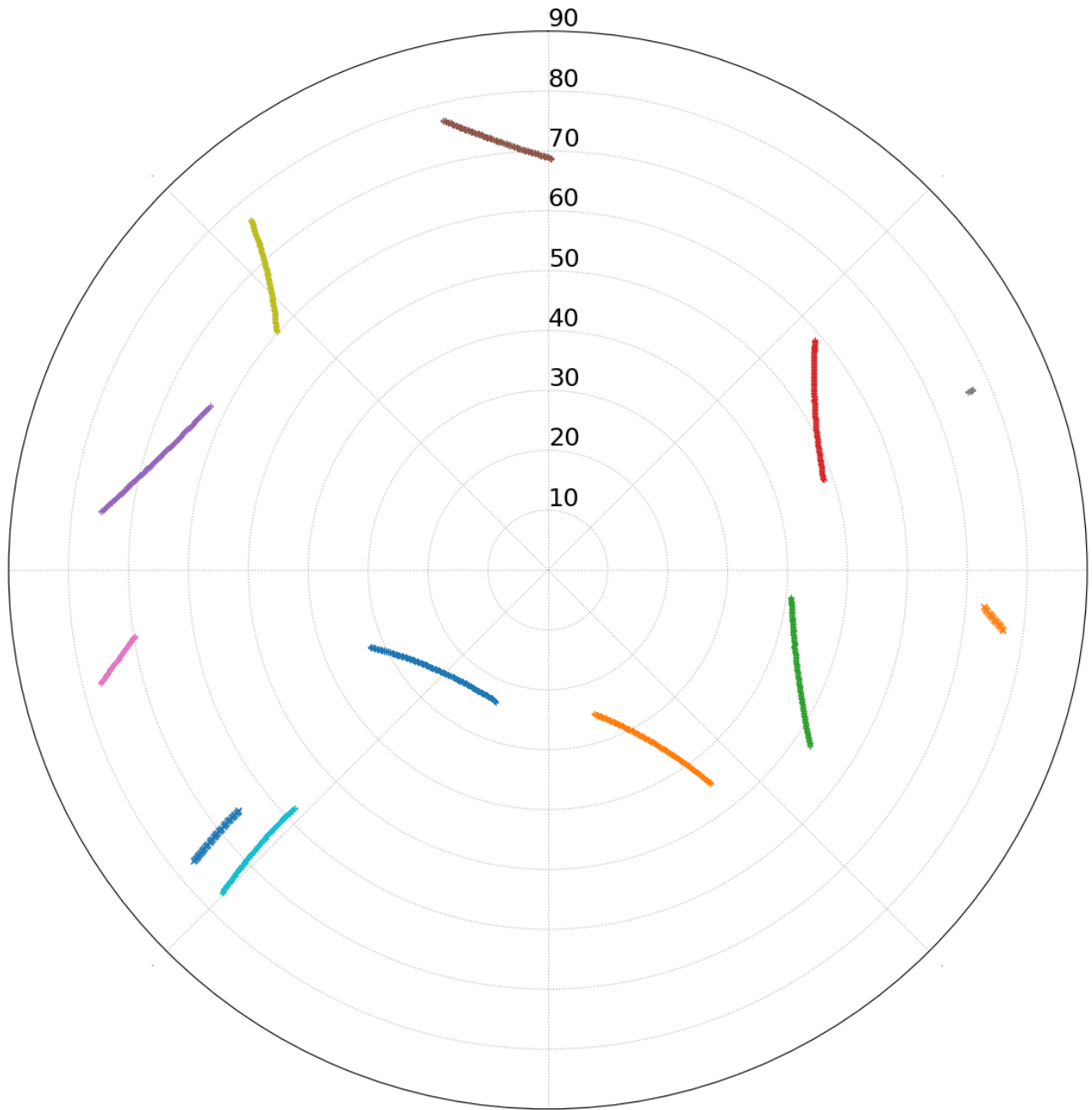


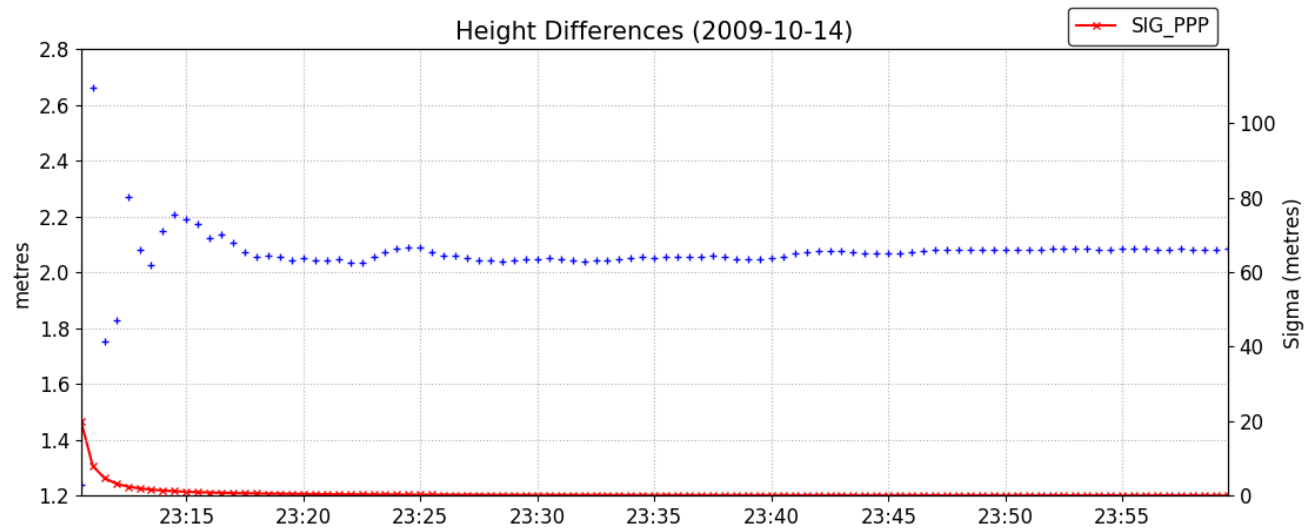
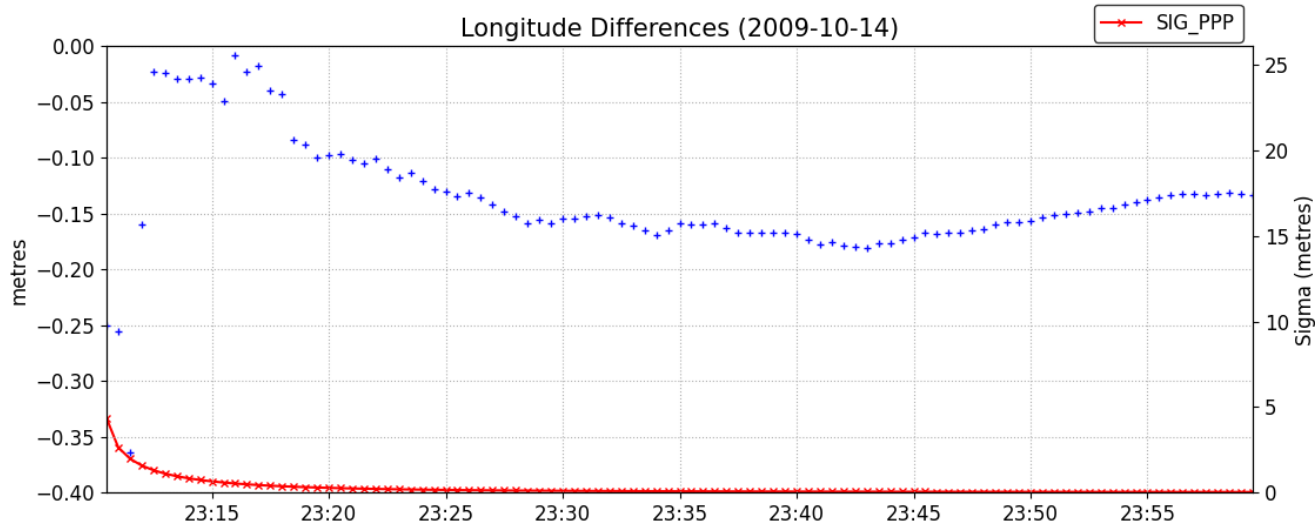
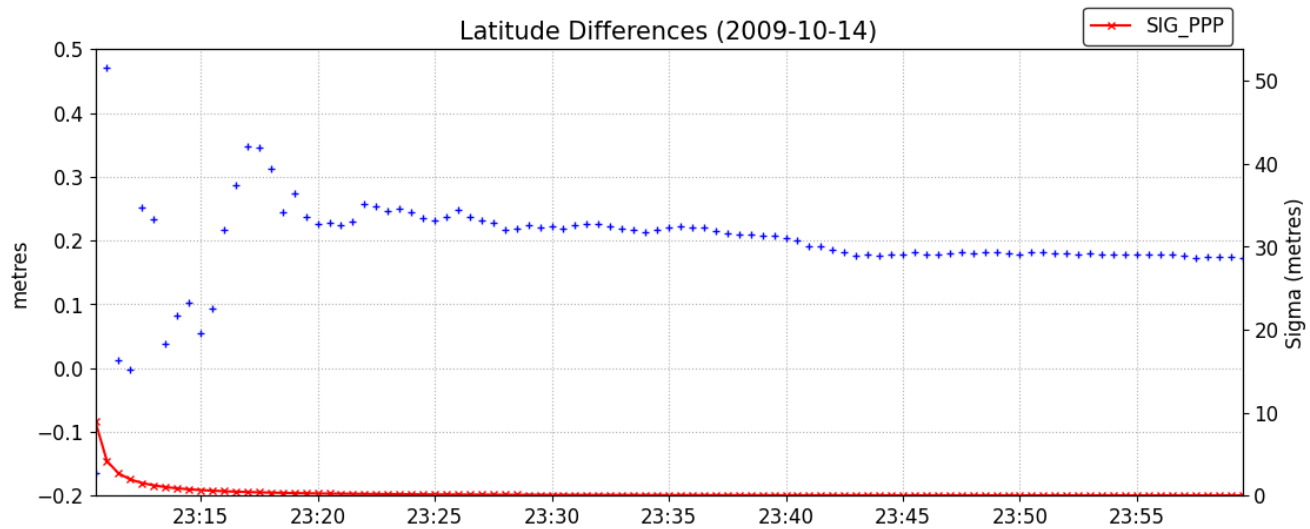
**UTM (North)**  
**Zone 22**

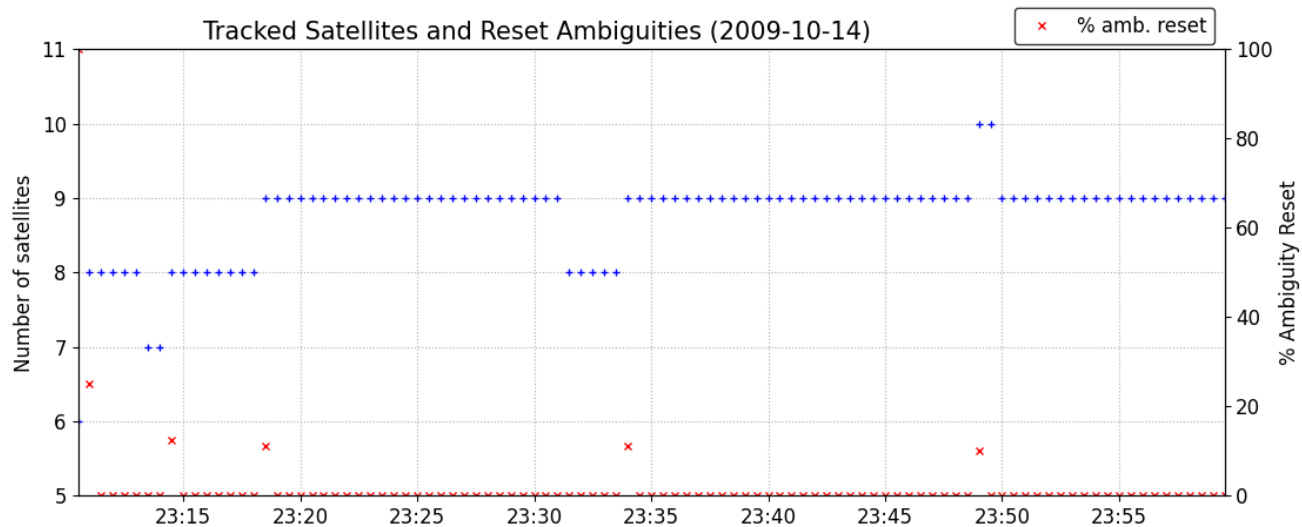
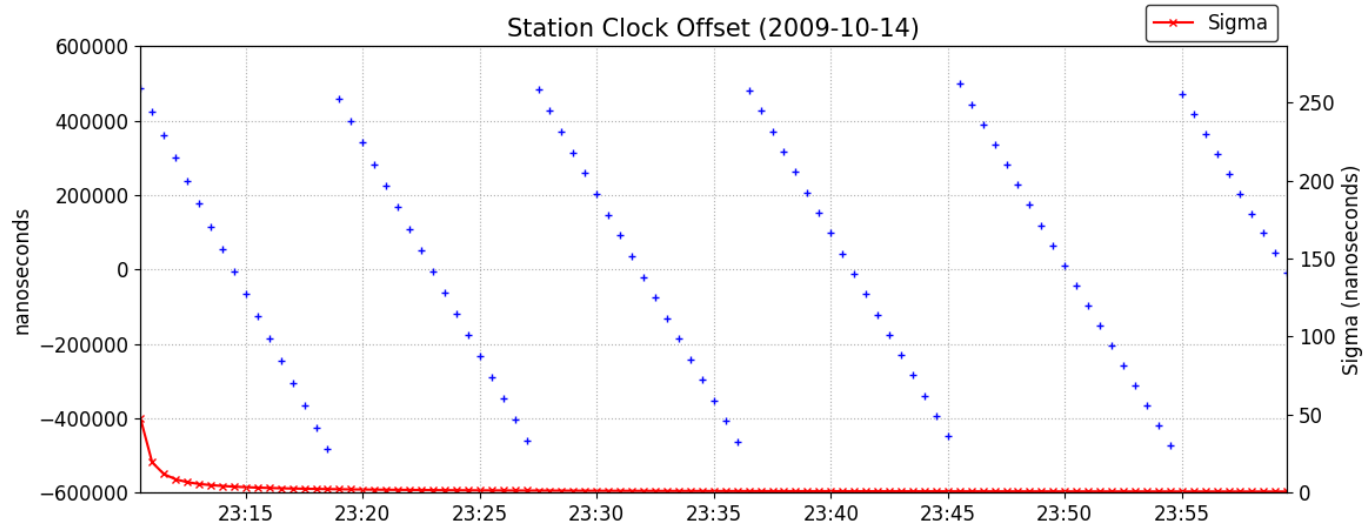
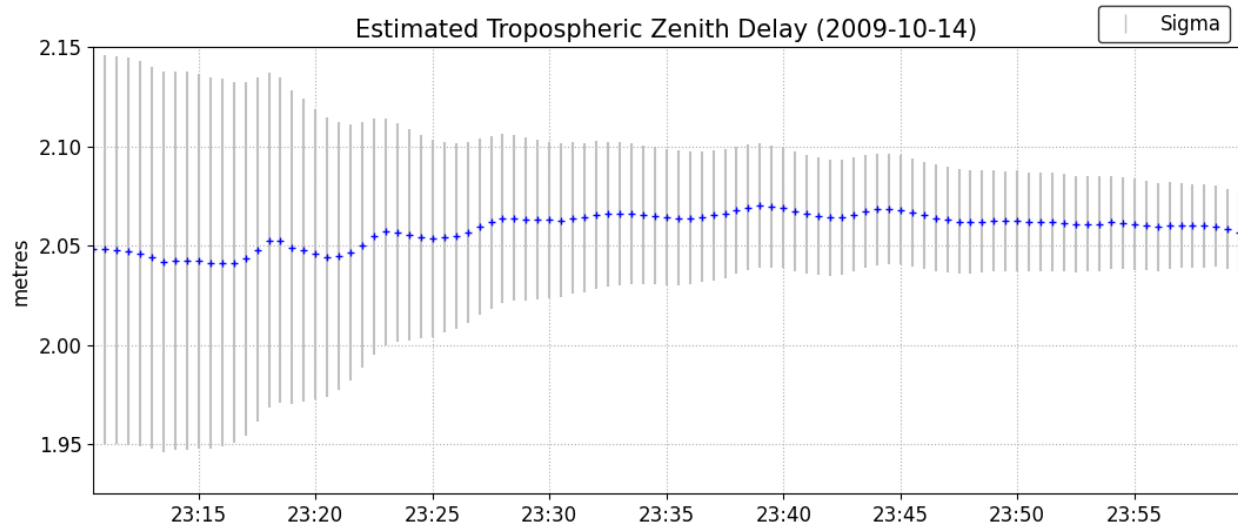
7710134.040 m (N)  
550754.745 m (E)  
Scale Factors  
0.99963151 (point)  
0.99948257 (combined)

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

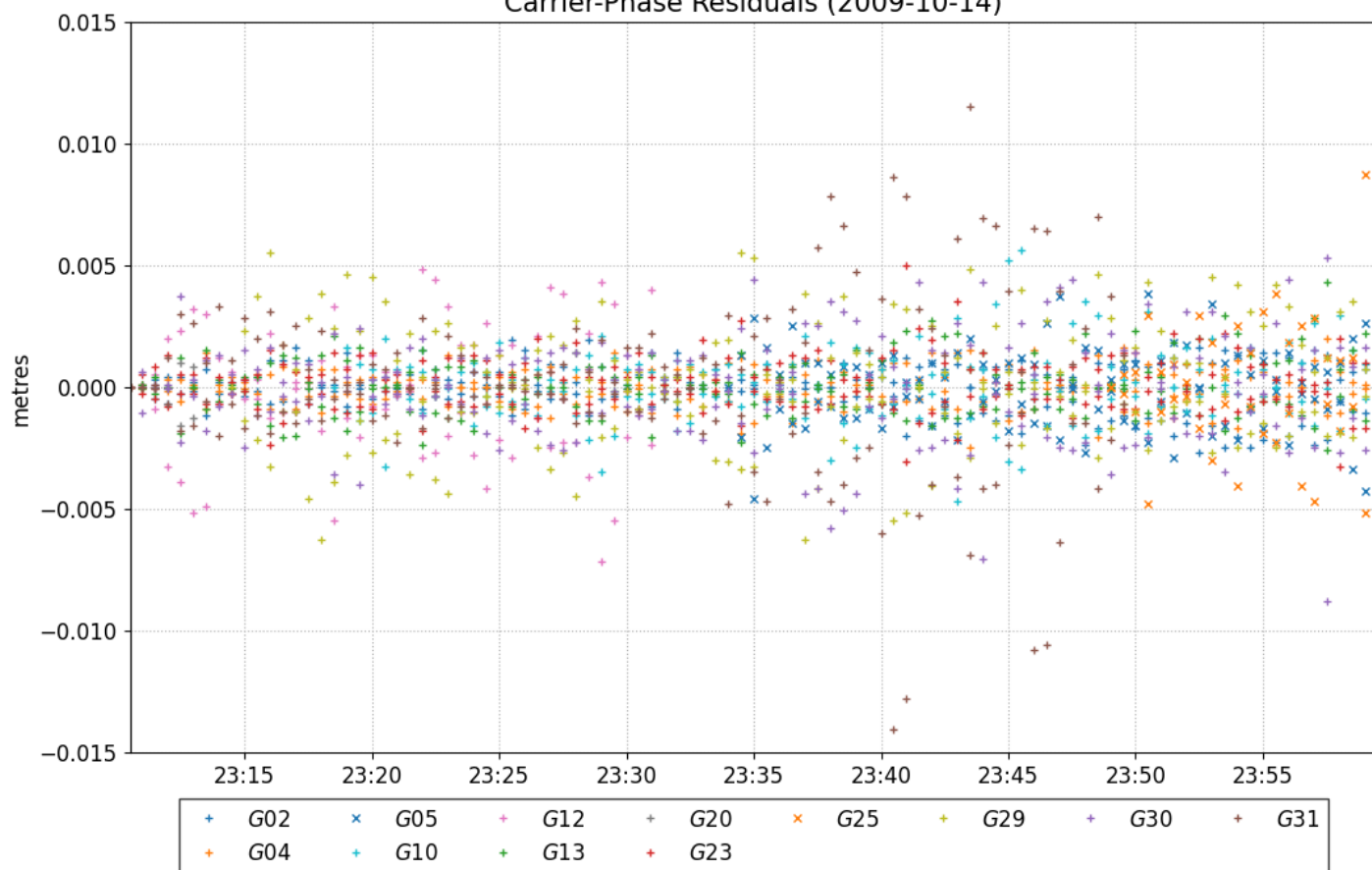
# Satellite Sky Distribution







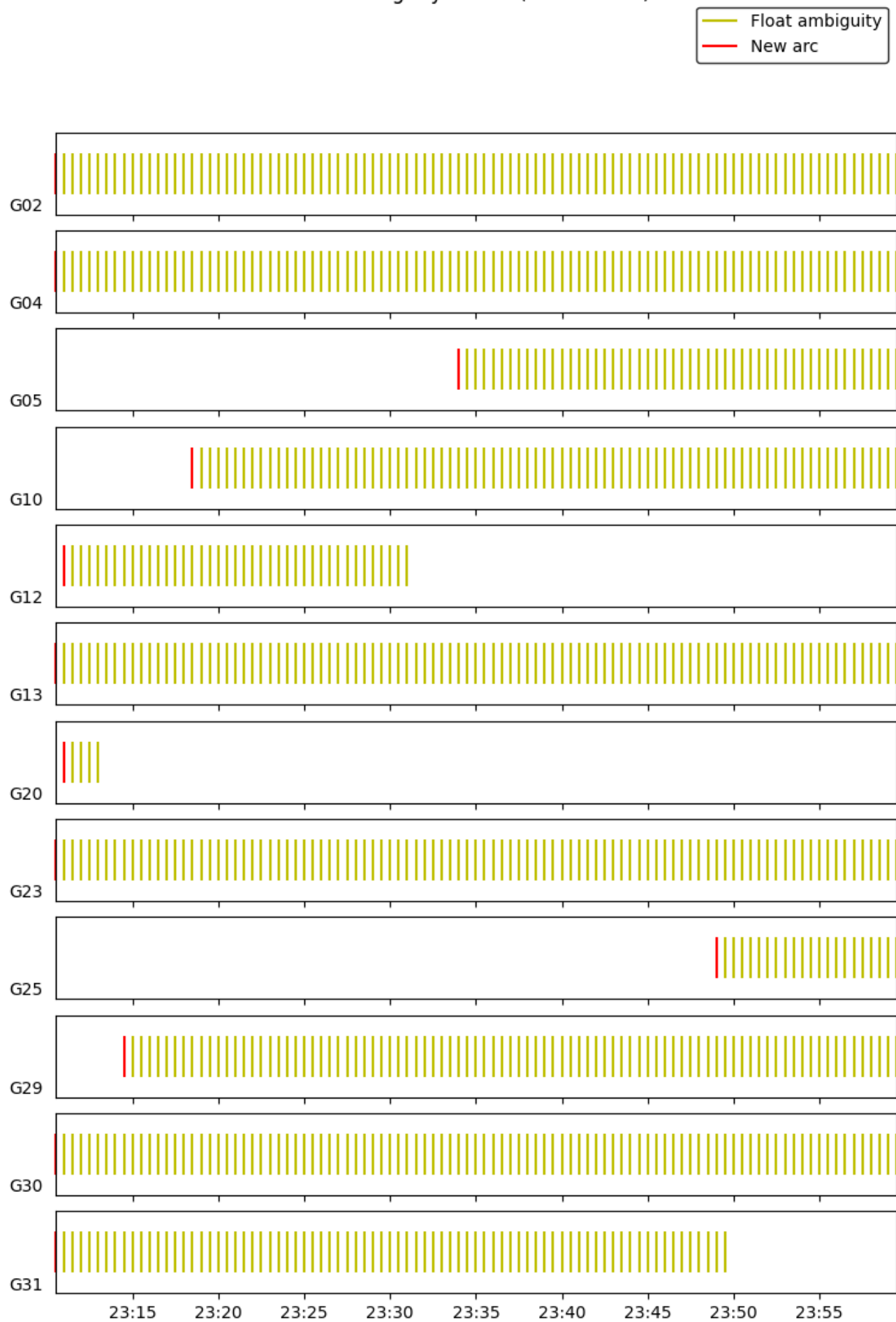
Carrier-Phase Residuals (2009-10-14)



Pseudo-Range Residuals (2009-10-14)



# Phase Ambiguity Status (2009-10-14)



**~~~ Disclaimer ~~~**

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**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**