



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



**04712810\_281a.09o**  
**04712810**

<b>Data Start</b>	<b>Data End</b>	<b>Duration of Observations</b>
2009-10-08 00:00:00.00	2009-10-08 09:08:00.00	9:08:00
<b>Processing Time</b>		<b>Product Type</b>
13:47:50 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)

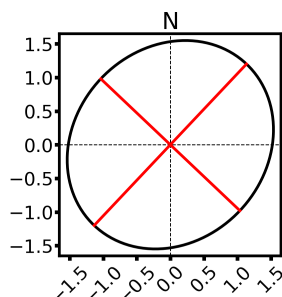
### Estimated Position for 04712810\_281a.09o

	<b>Latitude (+n)</b>	<b>Longitude (+e)</b>	<b>Ell. Height</b>
<b>ITRF05 (2009.8)</b>	69° 29' 43.20470"	-49° 42' 5.66844"	952.942 m
<b>Sigmas(95%)</b>	0.012 m	0.012 m	0.034 m
<b>A priori*</b>	69° 29' 43.20229"	-49° 42' 5.63069"	951.668 m
<b>Estimated – A priori</b>	0.075 m	-0.410 m	1.274 m

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

923.613 m  
(click for height reference  
information)

**95% Error Ellipse (cm)**  
semi-major: 1.7 cm  
semi-minor: 1.4 cm  
semi-major azimuth: 43° 24' 14.62"

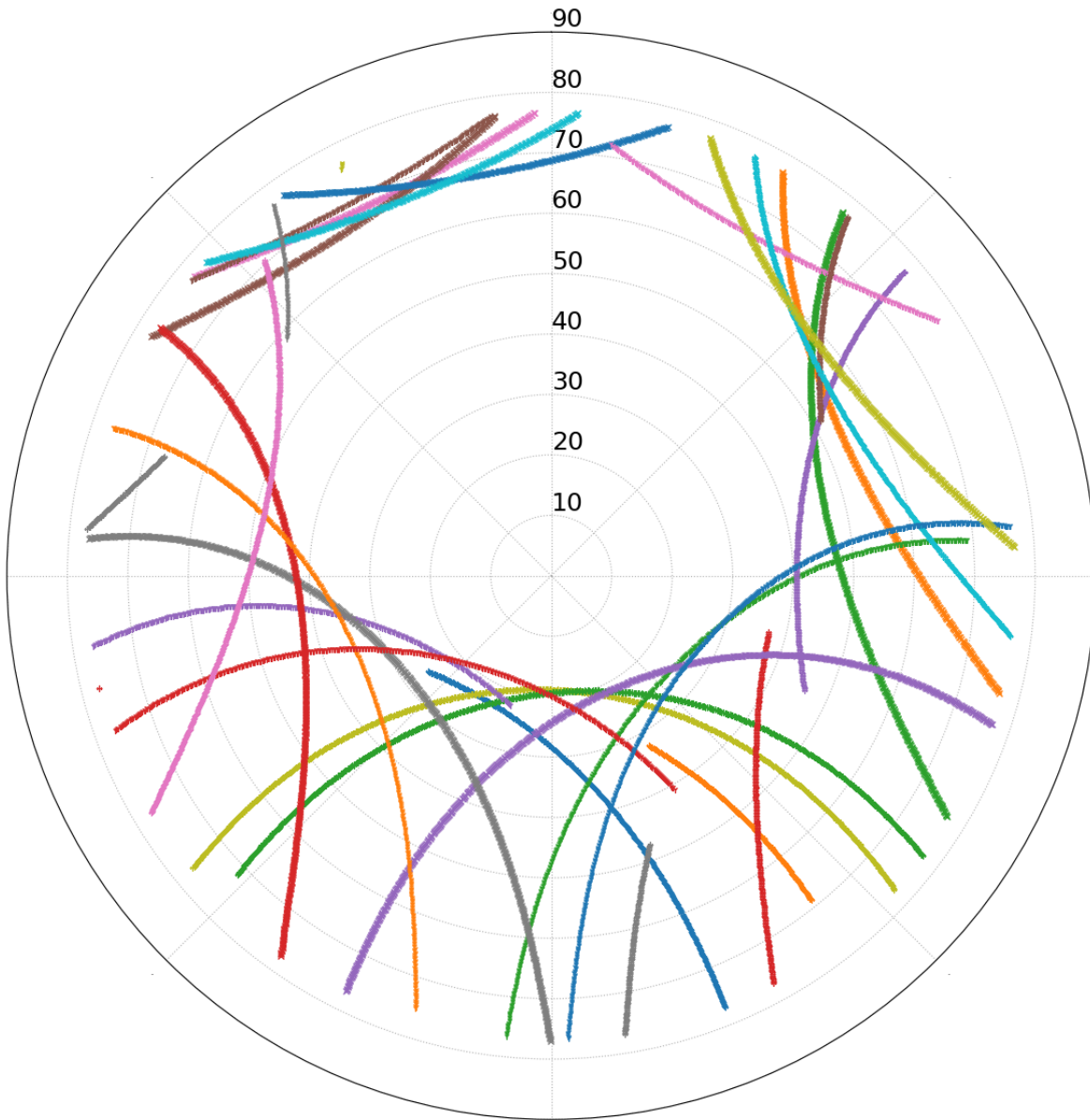


**UTM (North)**  
**Zone 22**

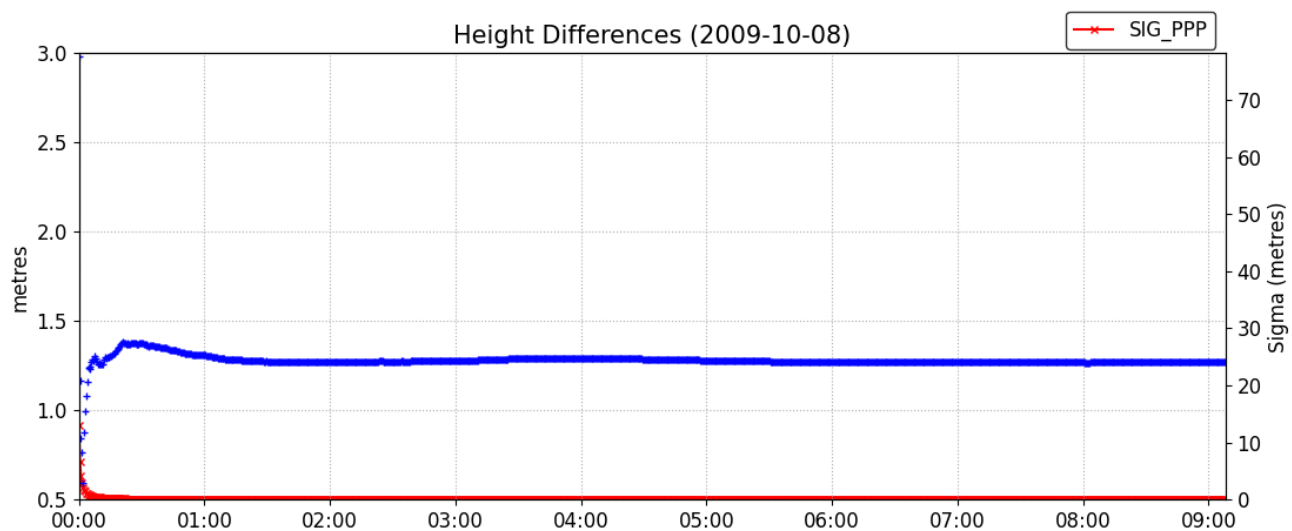
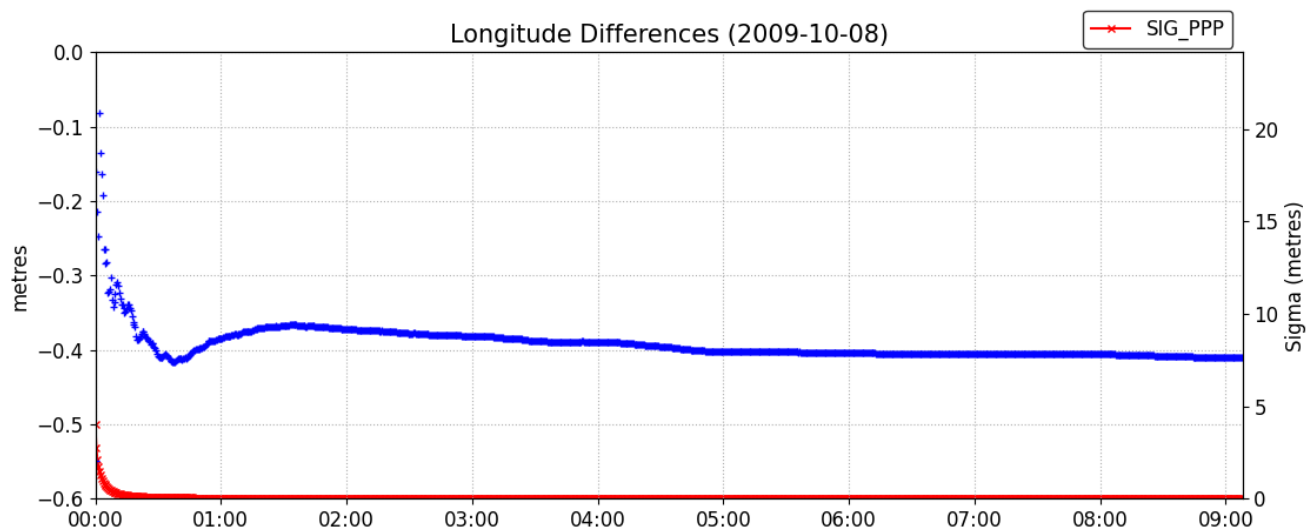
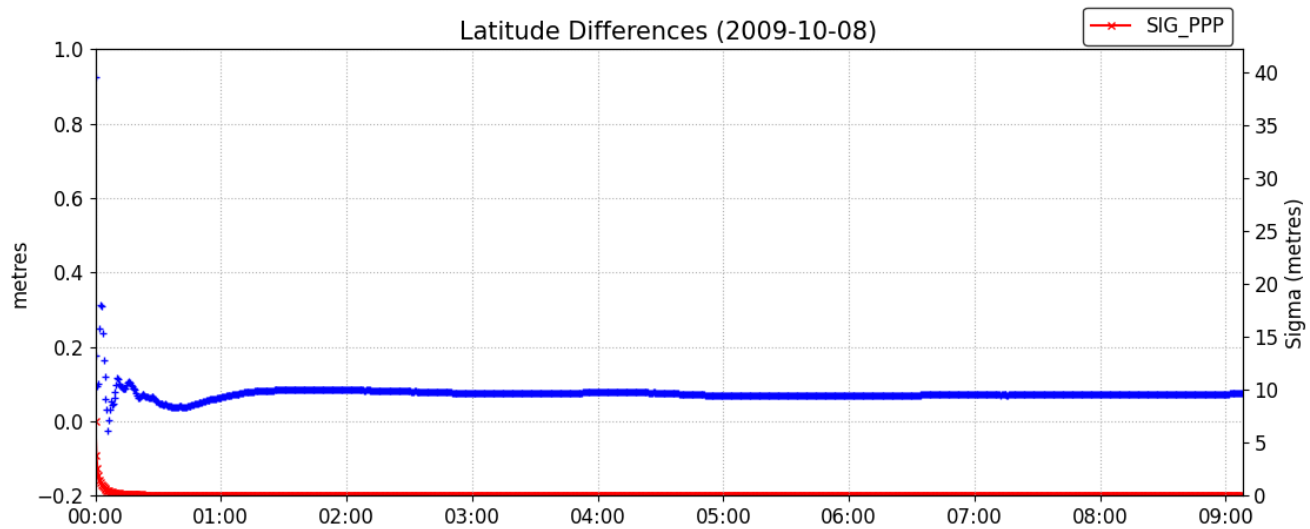
7710134.487 m (N)  
550755.762 m (E)  
**Scale Factors**  
0.99963152 (point)  
0.99948256 (combined)

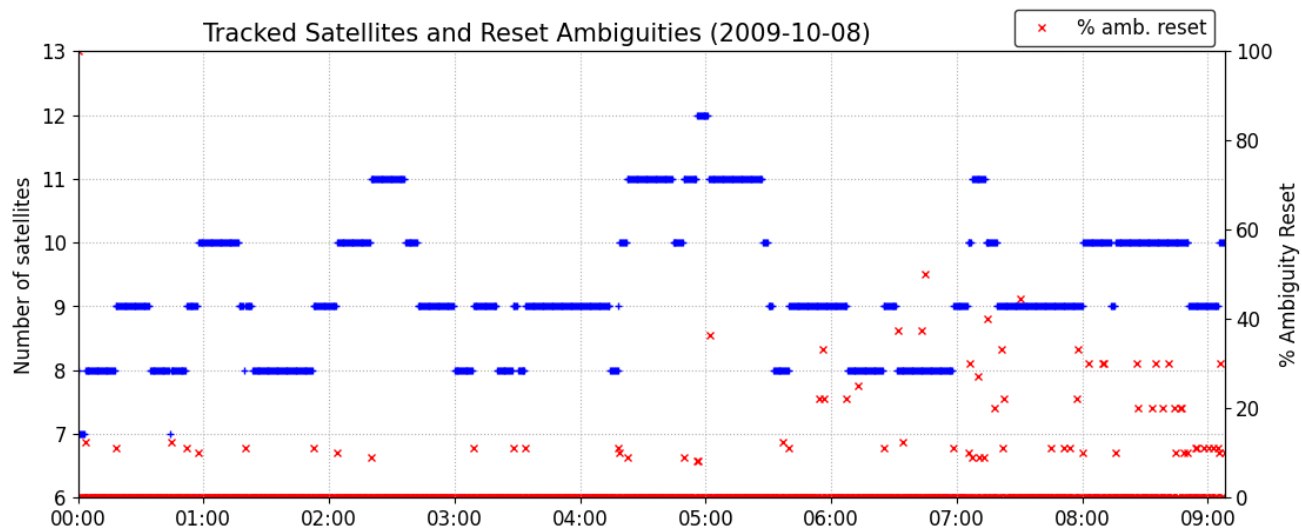
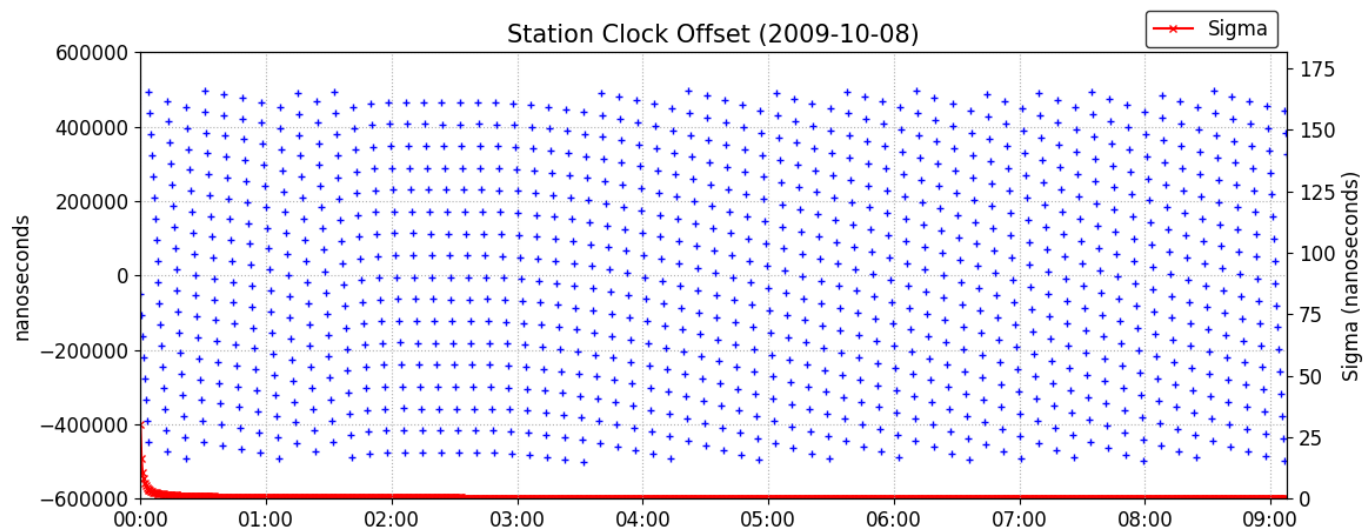
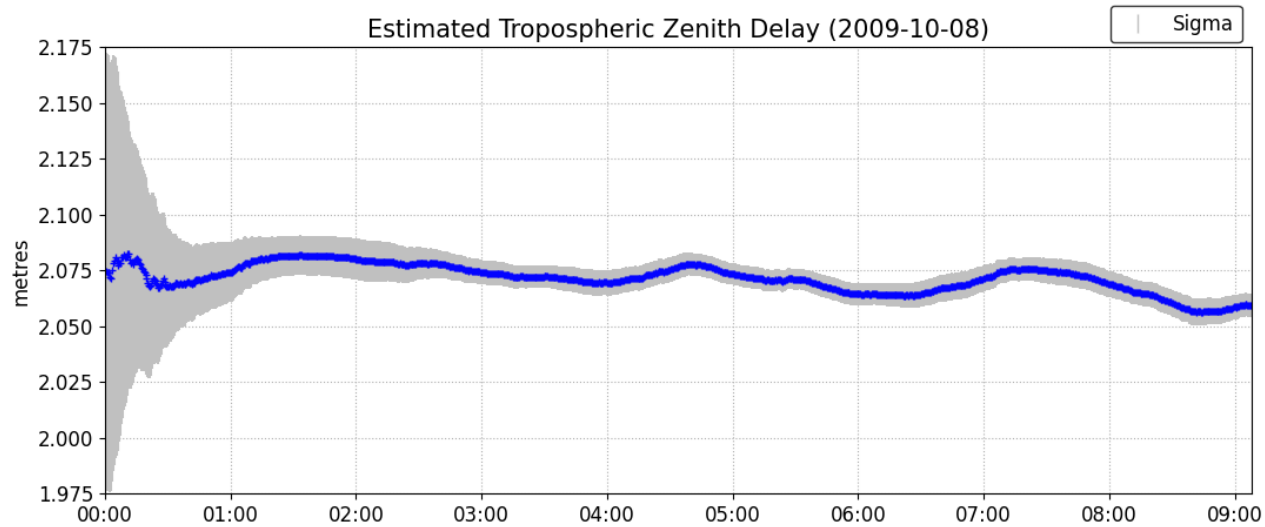
\*(Coordinates from RINEX header used as a priori position)

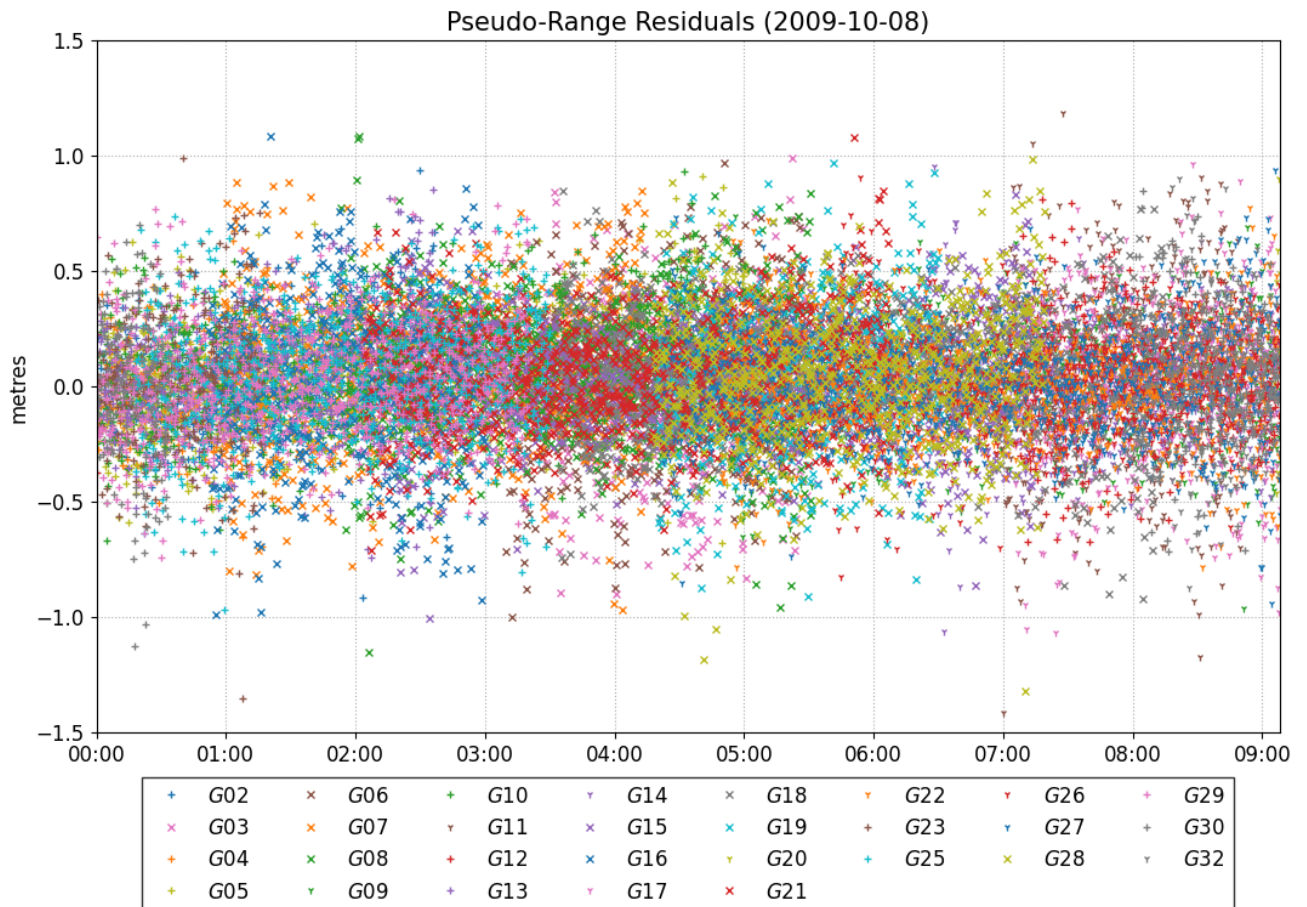
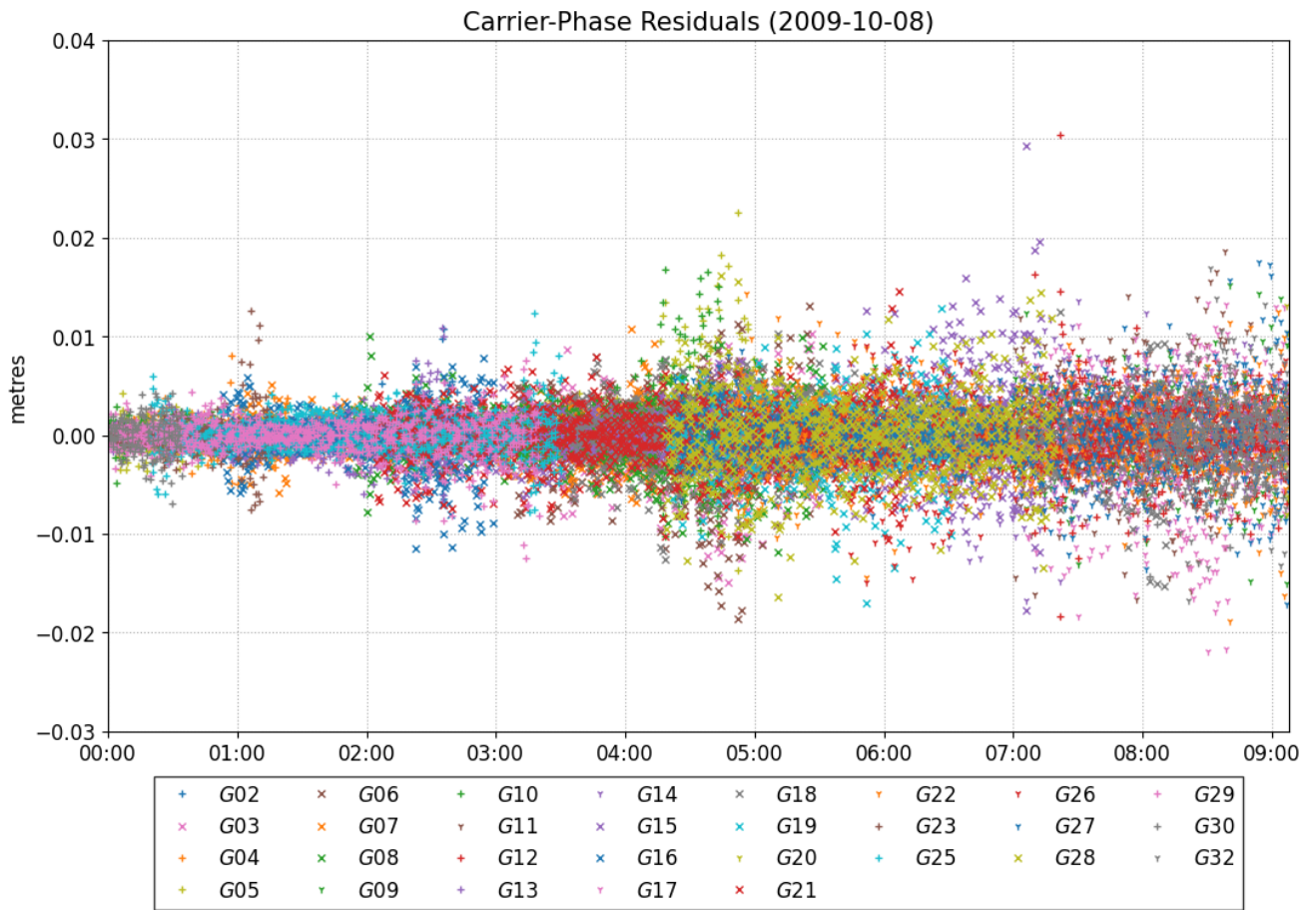
Satellite Sky Distribution



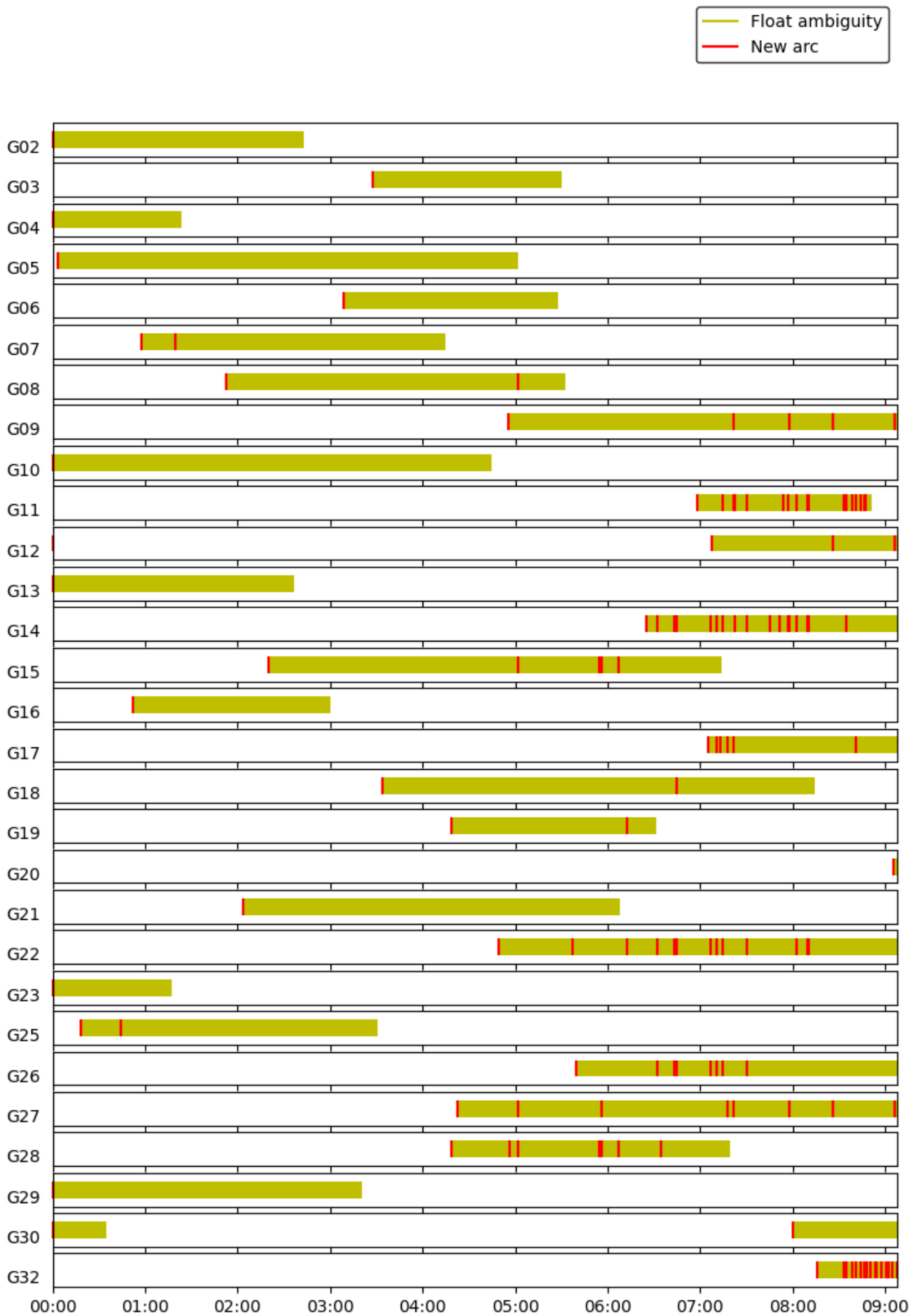
+	G02	×	G07	+	G12	▽	G17	▽	G22	×	G28
×	G03	×	G08	+	G13	×	G18	+	G23	+	G29
+	G04	▽	G09	▽	G14	×	G19	+	G25	+	G30
+	G05	+	G10	×	G15	+	G20	▽	G26	▽	G32
×	G06	▽	G11	×	G16	×	G21	▽	G27		







## Phase Ambiguity Status (2009-10-08)



**~~~ Disclaimer ~~~**

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

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