



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



**04712780\_278a.09o**  
**04712780**

<b>Data Start</b>	<b>Data End</b>	<b>Duration of Observations</b>
2009-10-05 00:00:00.00	2009-10-05 09:08:00.00	9:08:00
<b>Processing Time</b>		<b>Product Type</b>
13:47:26 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)		

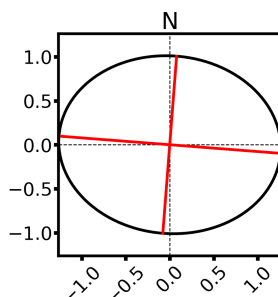
### Estimated Position for 04712780\_278a.09o

	<b>Latitude (+n)</b>	<b>Longitude (+e)</b>	<b>Ell. Height</b>
<b>ITRF05 (2009.8)</b>	69° 29' 43.21126"	-49° 42' 5.62090"	952.939 m
<b>Sigmas(95%)</b>	0.008 m	0.010 m	0.026 m
<b>A priori*</b>	69° 29' 43.19834"	-49° 42' 5.61971"	949.501 m
<b>Estimated – A priori</b>	0.400 m	-0.013 m	3.438 m

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

923.610 m  
(click for height reference information)

**95% Error Ellipse (cm)**  
semi-major: 1.3 cm  
semi-minor: 1.0 cm  
semi-major azimuth: -85° 26' 43.1"

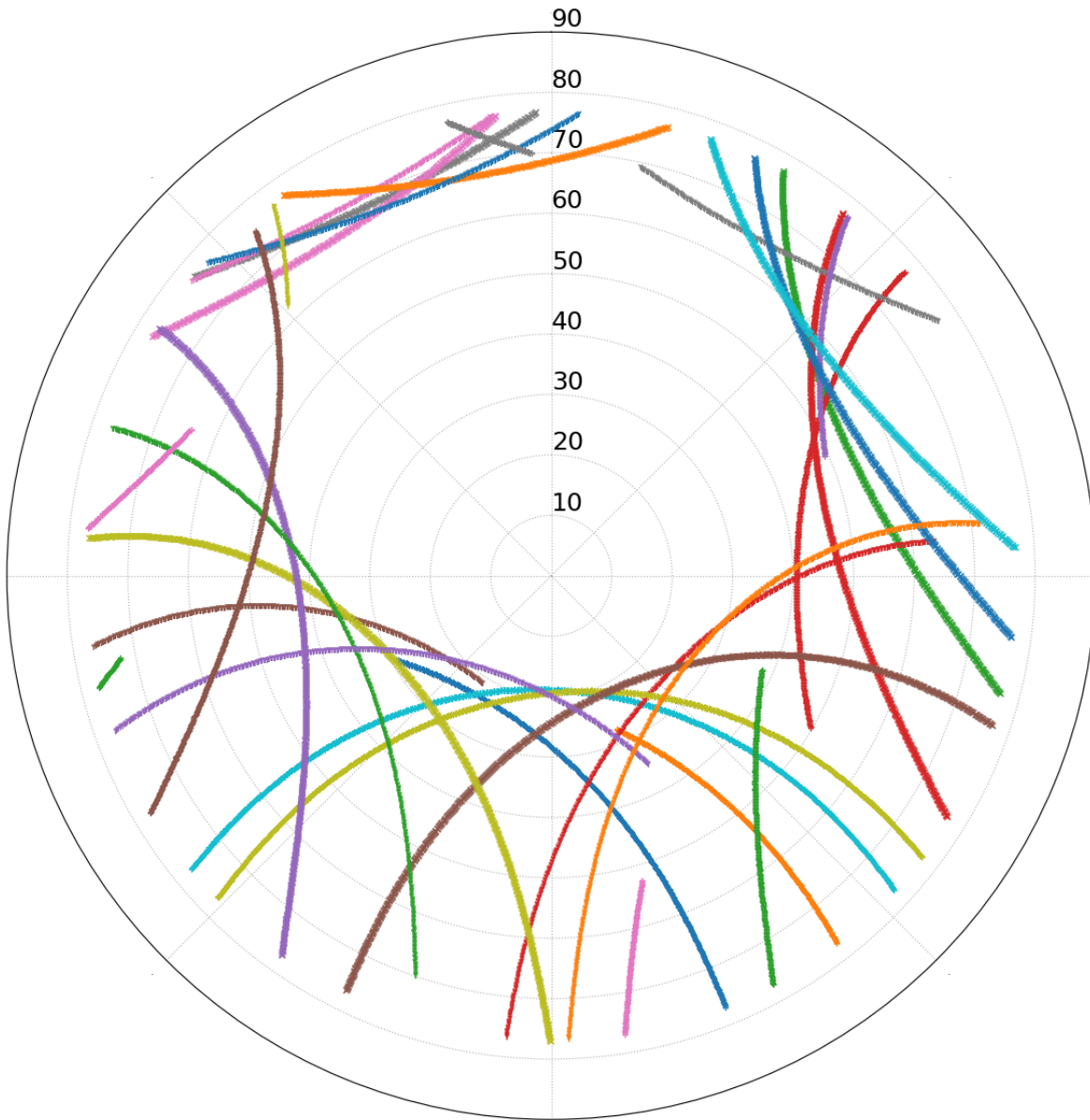


**UTM (North)**  
**Zone 22**

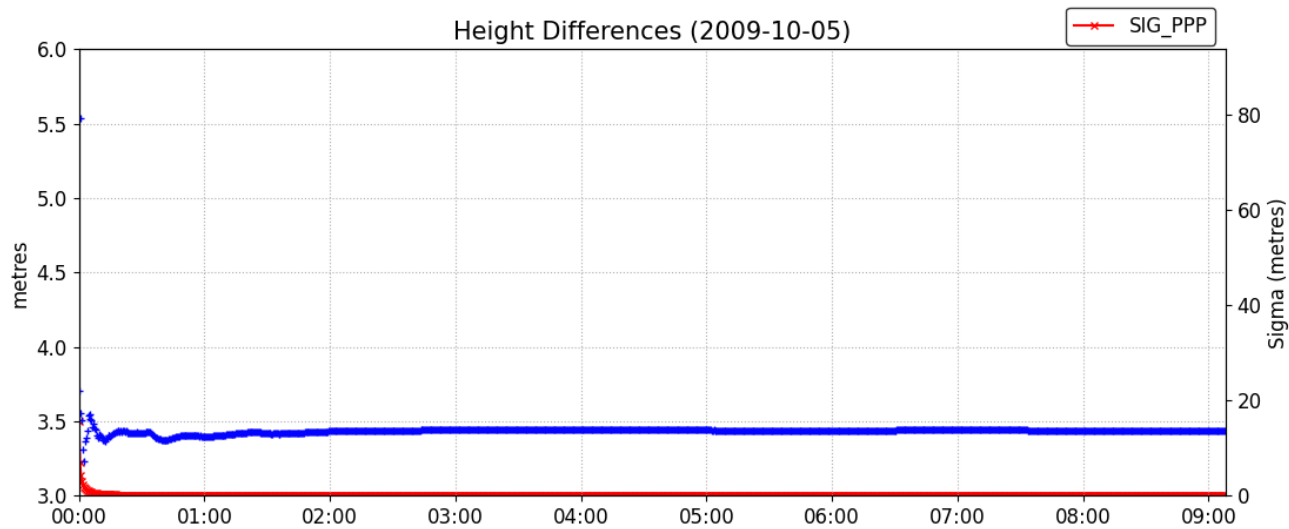
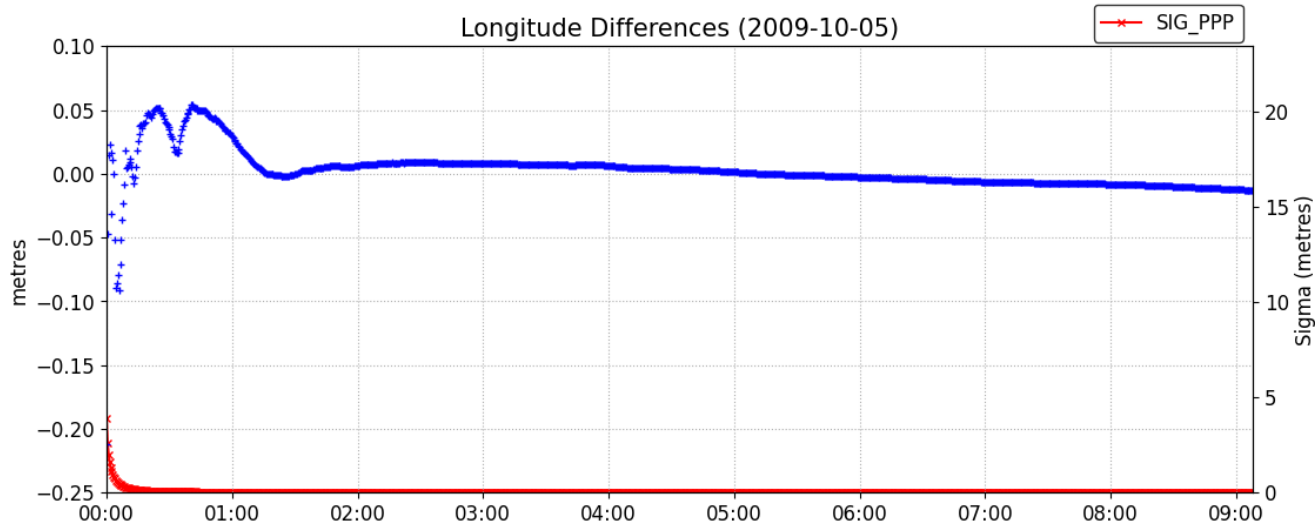
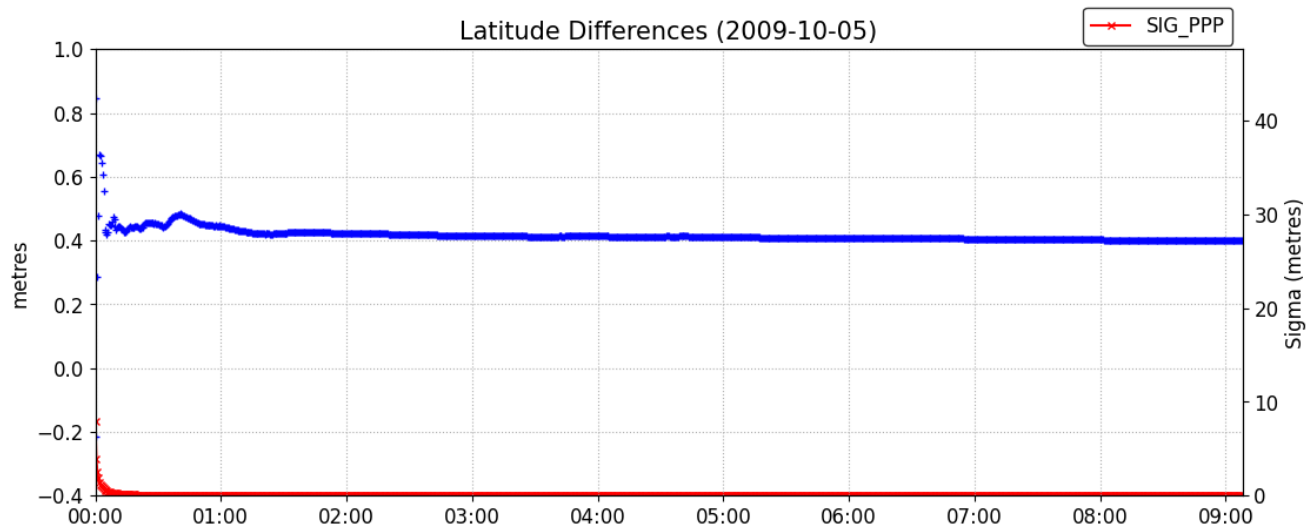
7710134.701 m (N)  
550756.274 m (E)  
  
Scale Factors  
0.99963152 (point)  
0.99948256 (combined)

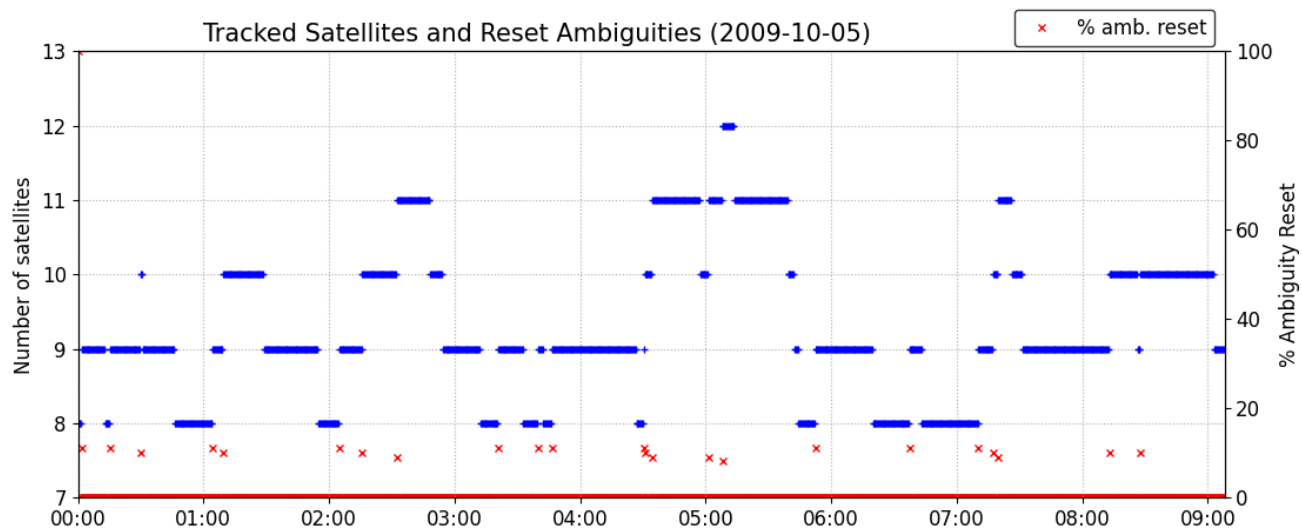
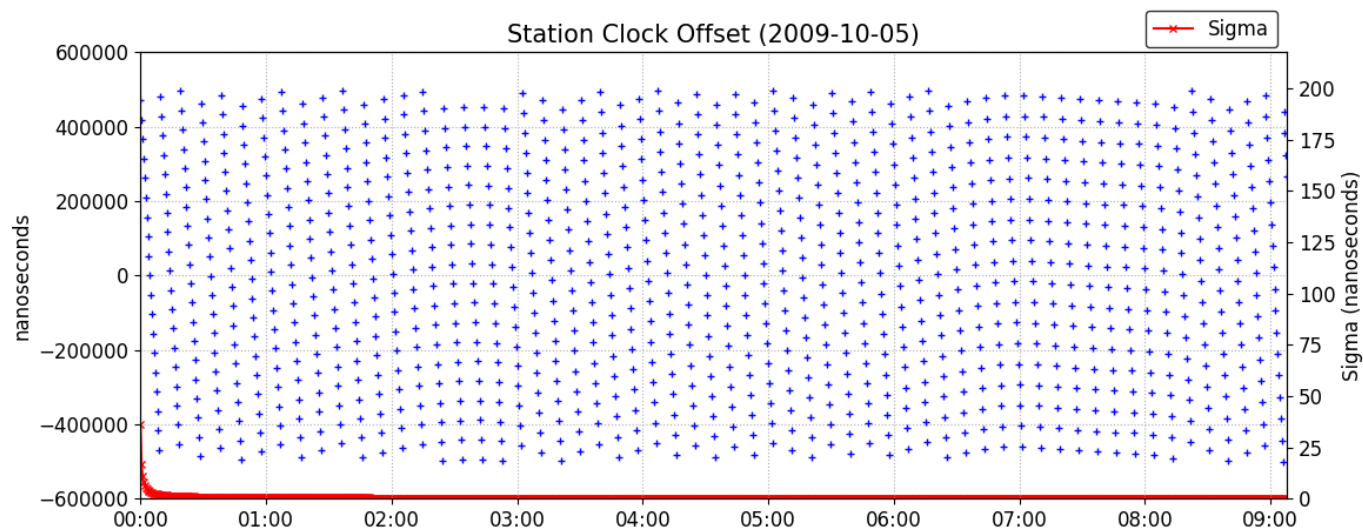
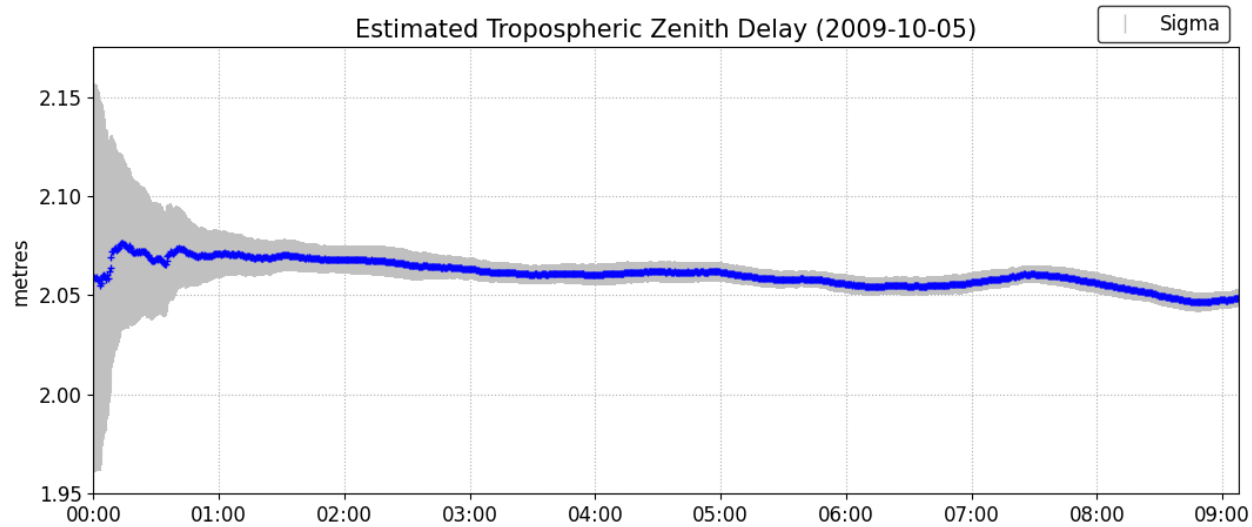
\*(Coordinates from RINEX header used as a priori position)

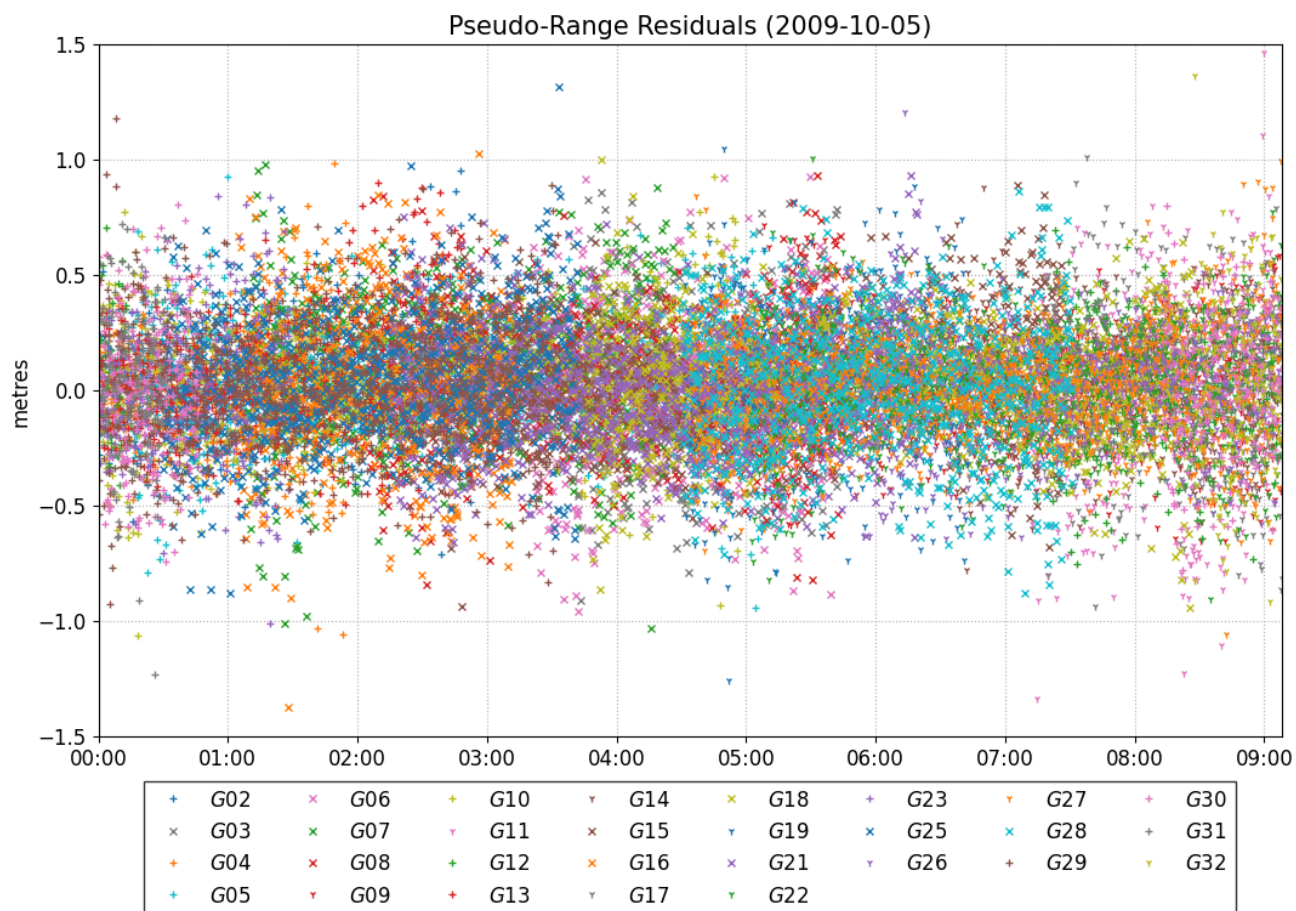
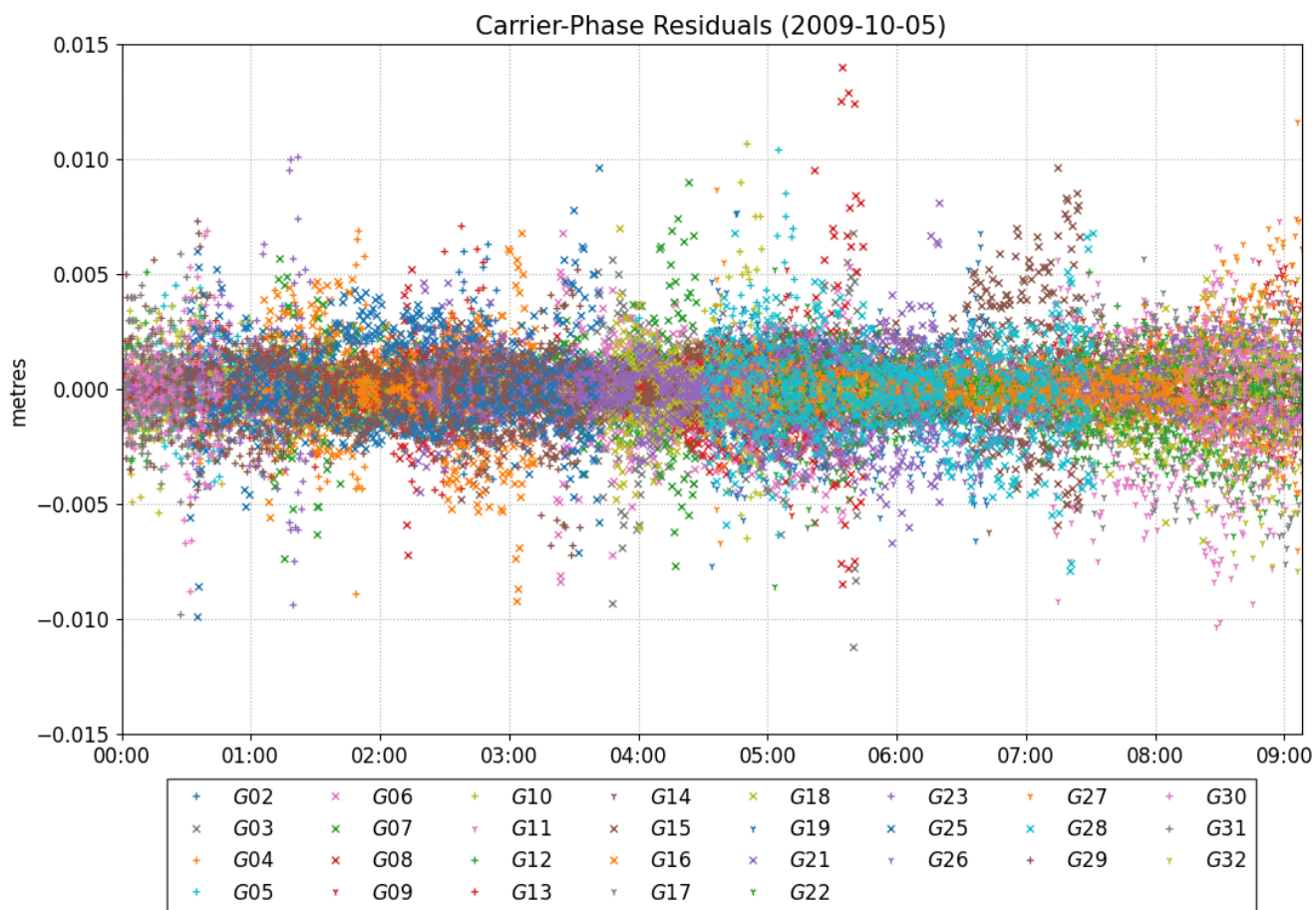
Satellite Sky Distribution



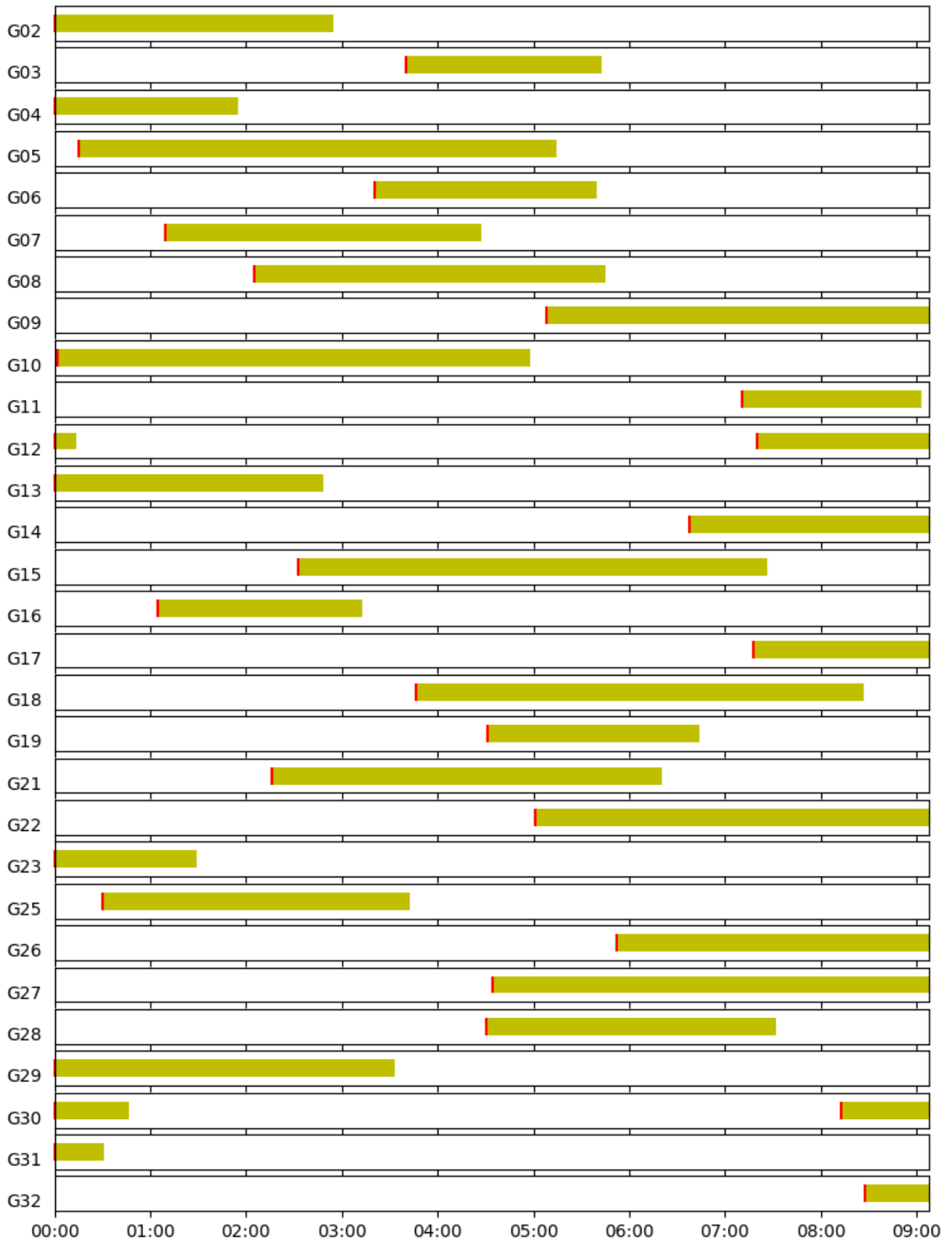
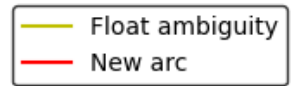
+	G02	×	G07	+	G12	▽	G17	+	G23	+	G29
×	G03	×	G08	+	G13	×	G18	×	G25	+	G30
+	G04	▽	G09	▽	G14	▽	G19	▽	G26	+	G31
+	G05	+	G10	×	G15	×	G21	+	G27	+	G32
×	G06	▽	G11	×	G16	▽	G22	×	G28		







# Phase Ambiguity Status (2009-10-05)





**~~~ Disclaimer ~~~**

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