



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



04712830\_283a.09o  
04712830

|                          |                           |                                 |
|--------------------------|---------------------------|---------------------------------|
| <b>Data Start</b>        | <b>Data End</b>           | <b>Duration of Observations</b> |
| 2009-10-10 00:00:00.00   | 2009-10-10 09:08:30.00    | 9:08:30                         |
| <b>Processing Time</b>   |                           | <b>Product Type</b>             |
| 13:48:08 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)

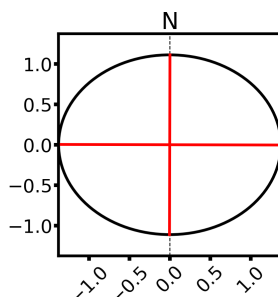
### Estimated Position for 04712830\_283a.09o

|                             | <b>Latitude (+n)</b> | <b>Longitude (+e)</b> | <b>Ell. Height</b> |
|-----------------------------|----------------------|-----------------------|--------------------|
| <b>ITRF05 (2009.8)</b>      | 69° 29' 43.20148"    | -49° 42' 5.70042"     | 952.912 m          |
| <b>Sigmas(95%)</b>          | 0.009 m              | 0.011 m               | 0.027 m            |
| <b>A priori*</b>            | 69° 29' 43.22550"    | -49° 42' 5.62029"     | 951.747 m          |
| <b>Estimated – A priori</b> | -0.744 m             | -0.870 m              | 1.166 m            |

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

923.584 m  
(click for height reference  
information)

**95% Error Ellipse (cm)**  
semi-major: 1.4 cm  
semi-minor: 1.1 cm  
semi-major azimuth: -89° 8' 51.53"

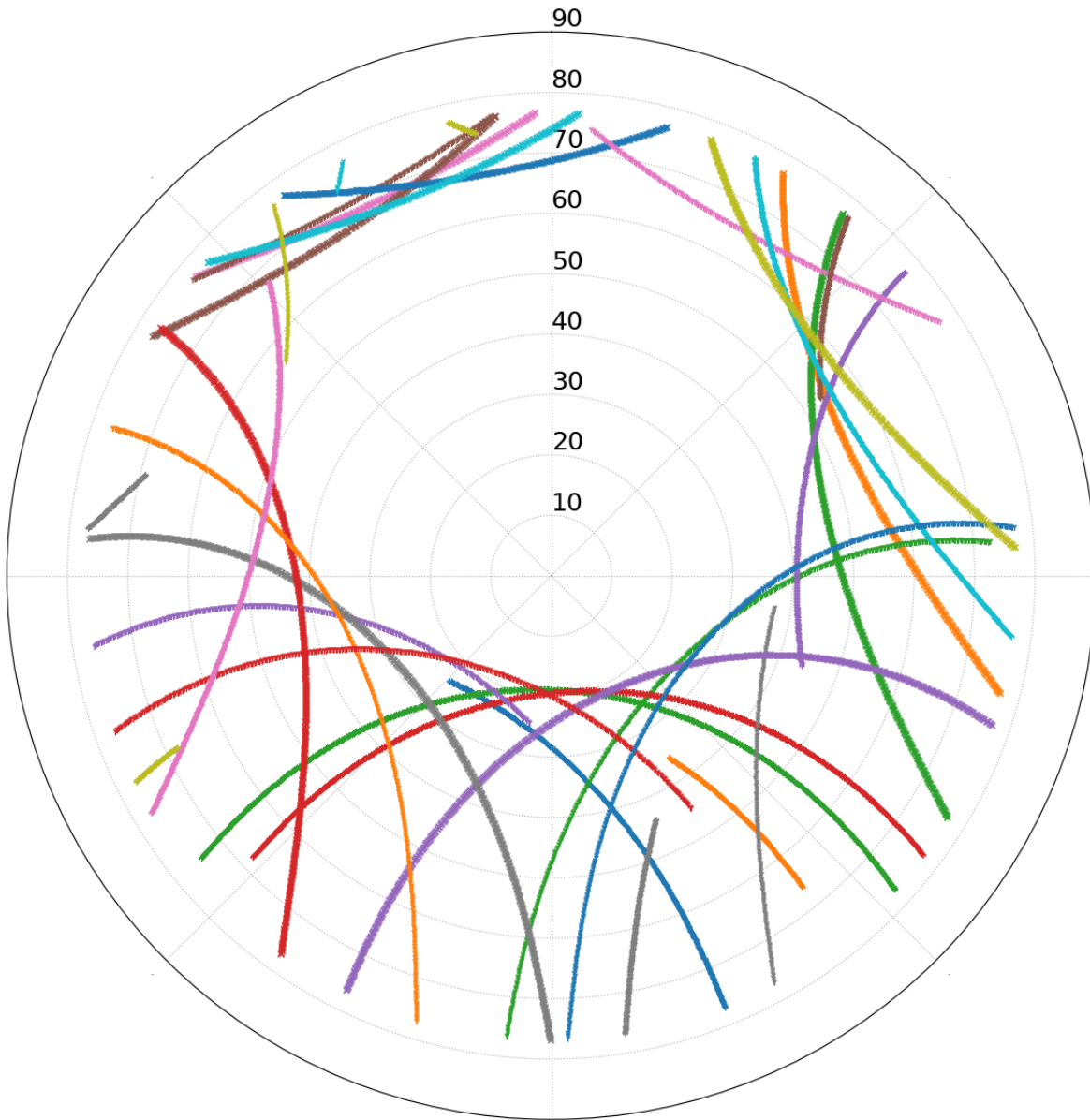


**UTM (North)**  
**Zone 22**

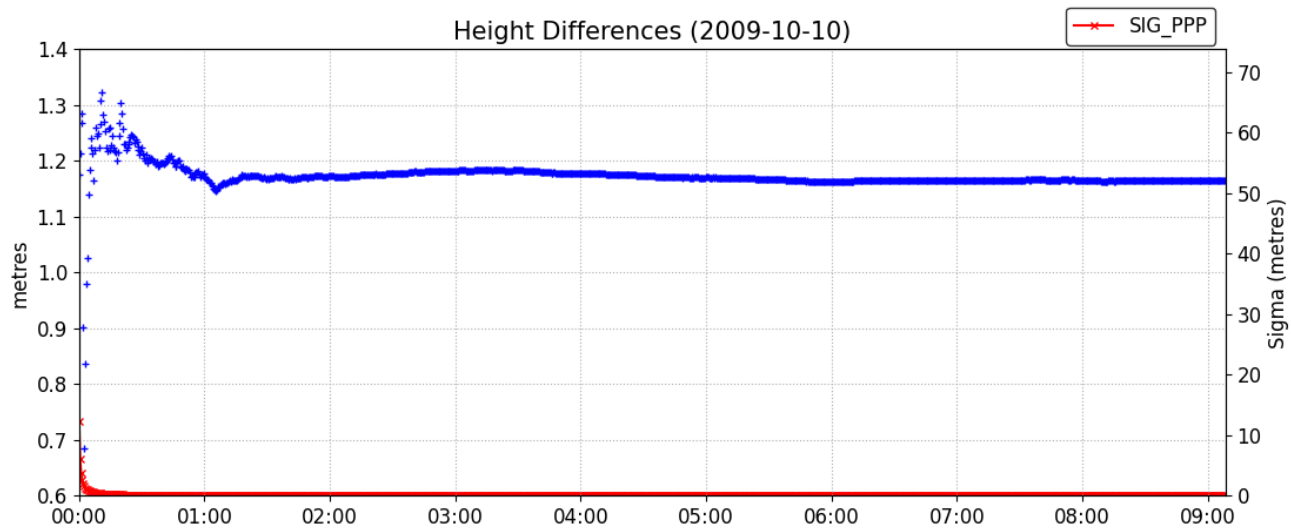
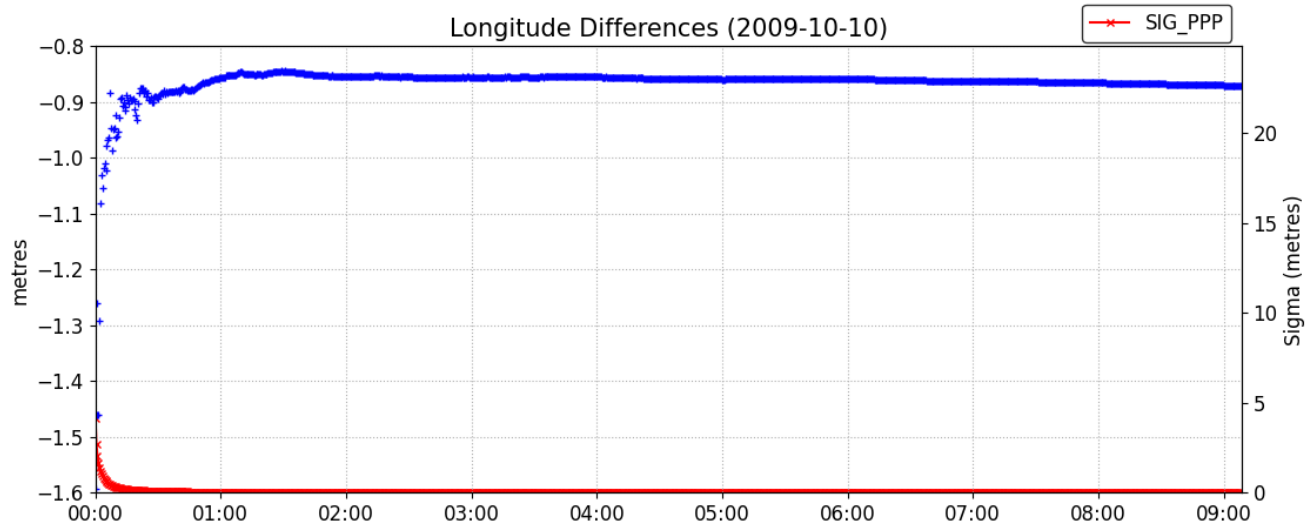
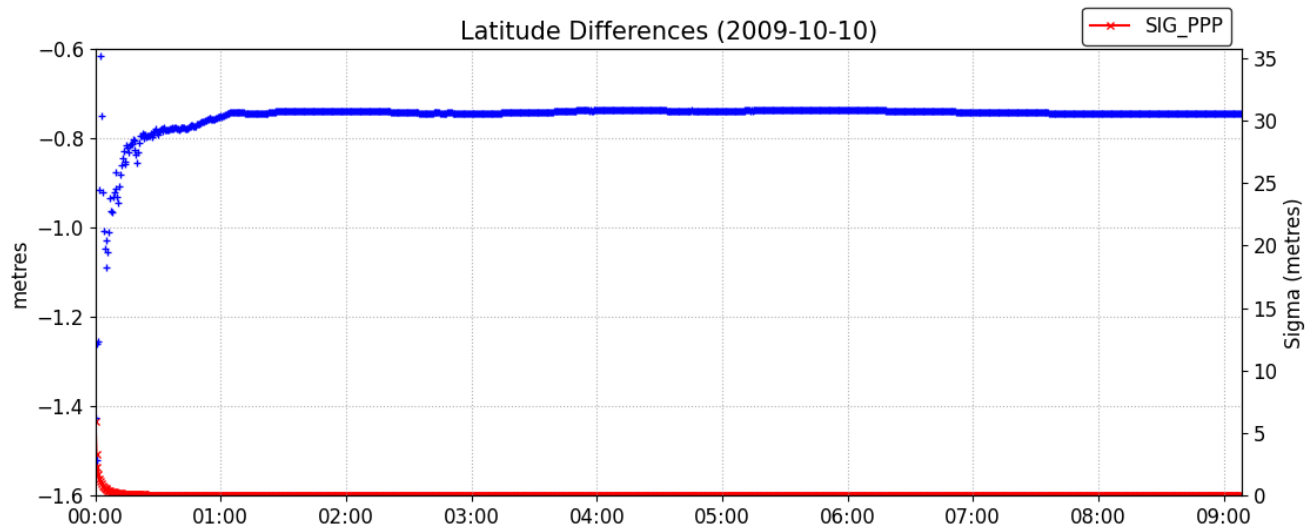
7710134.380 m (N)  
550755.417 m (E)  
**Scale Factors**  
0.99963152 (point)  
0.99948257 (combined)

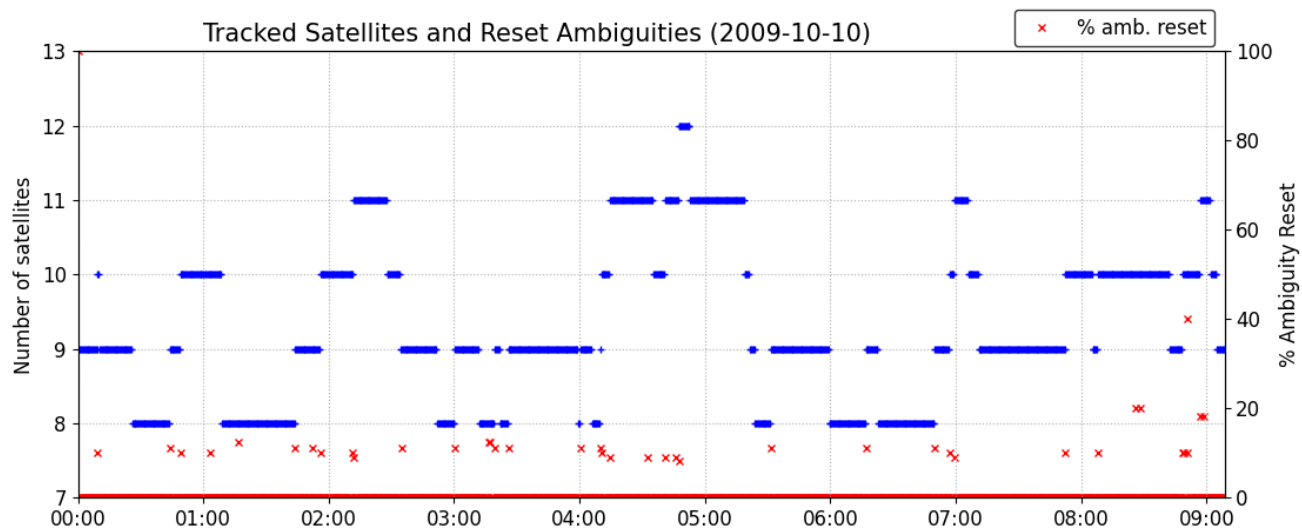
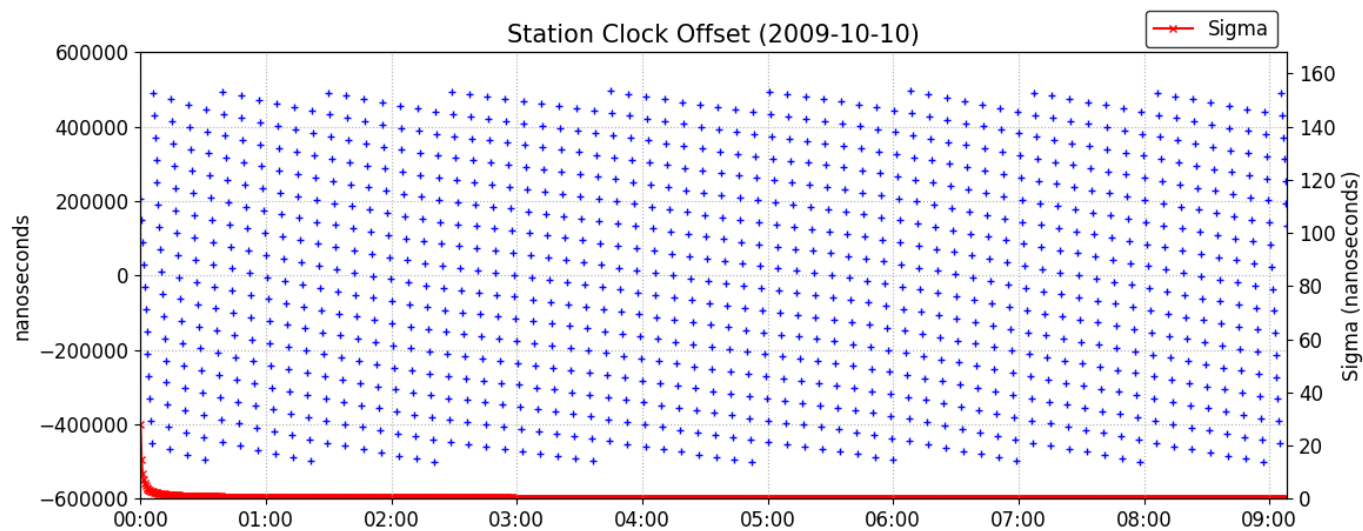
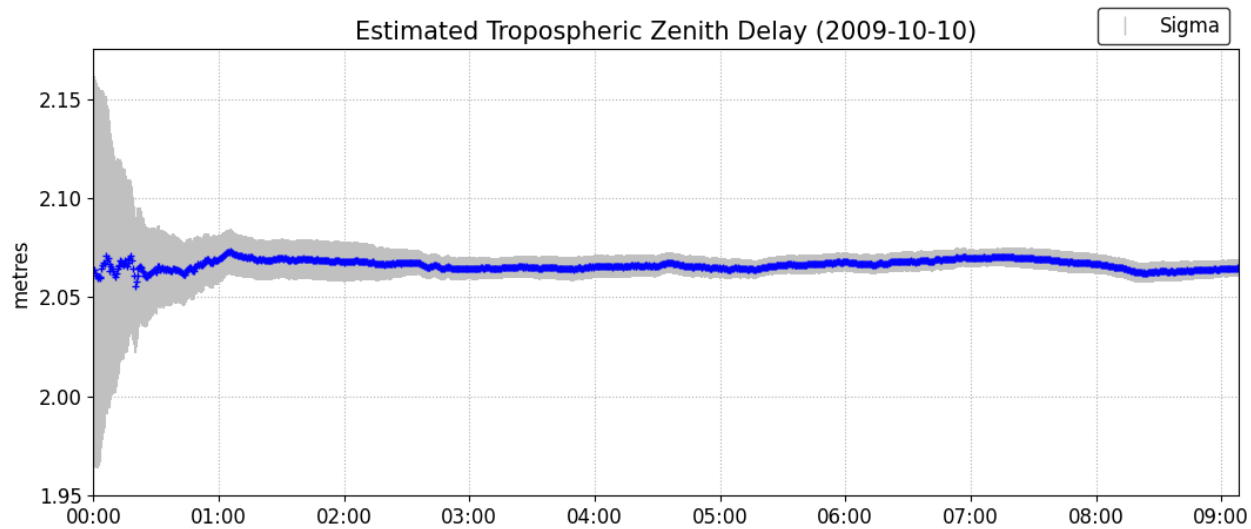
\*(Coordinates from RINEX header used as a priori position)

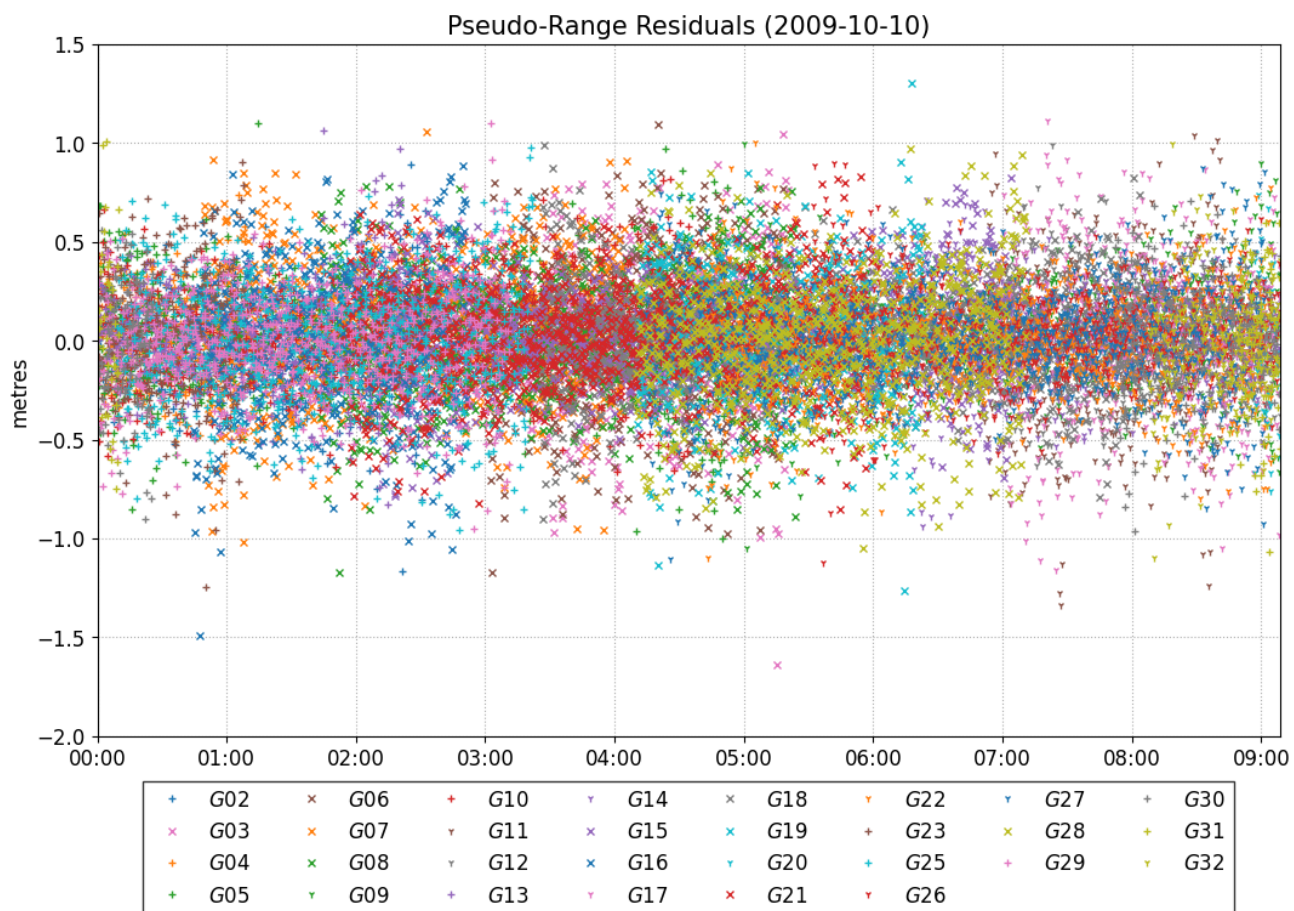
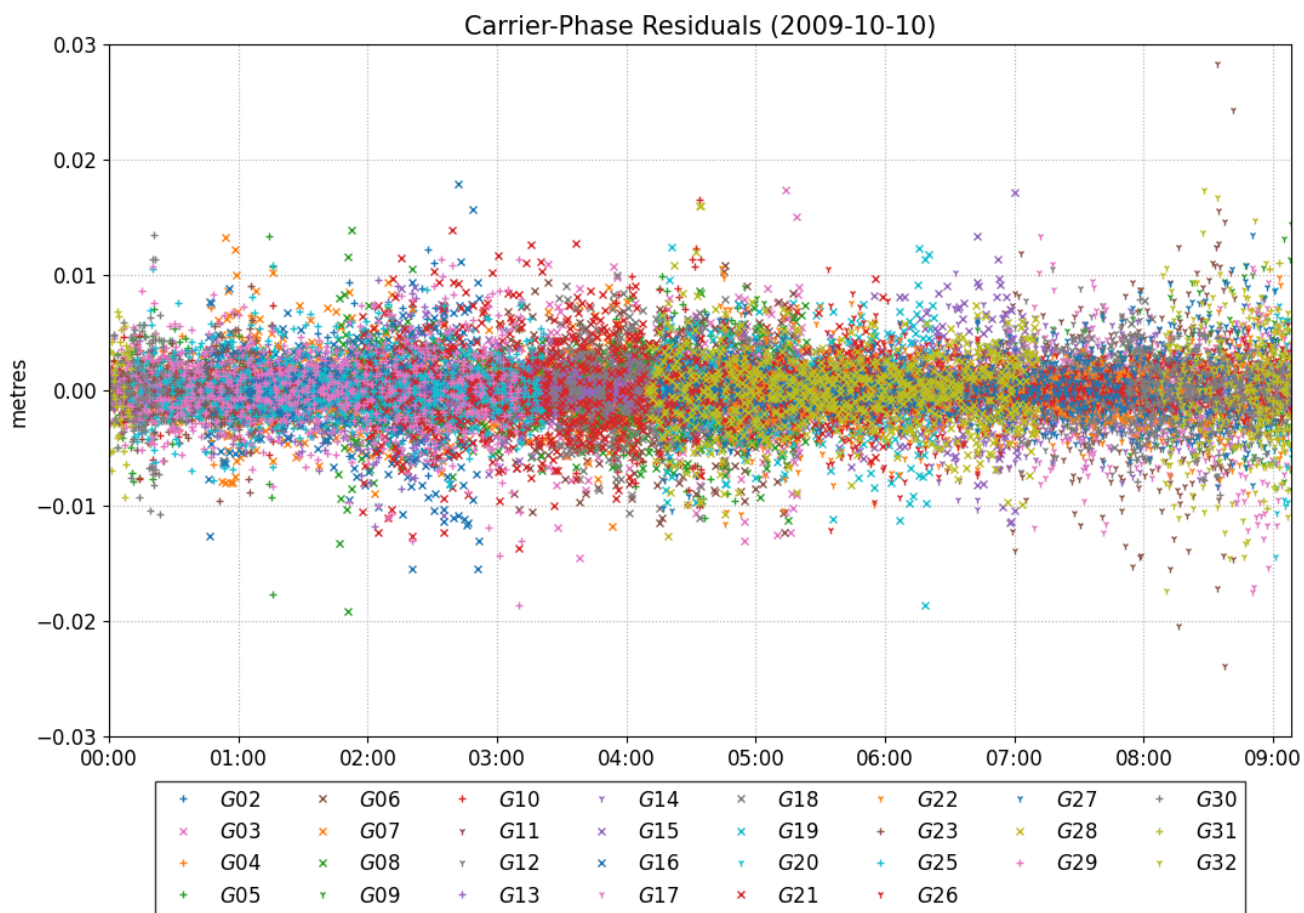
Satellite Sky Distribution



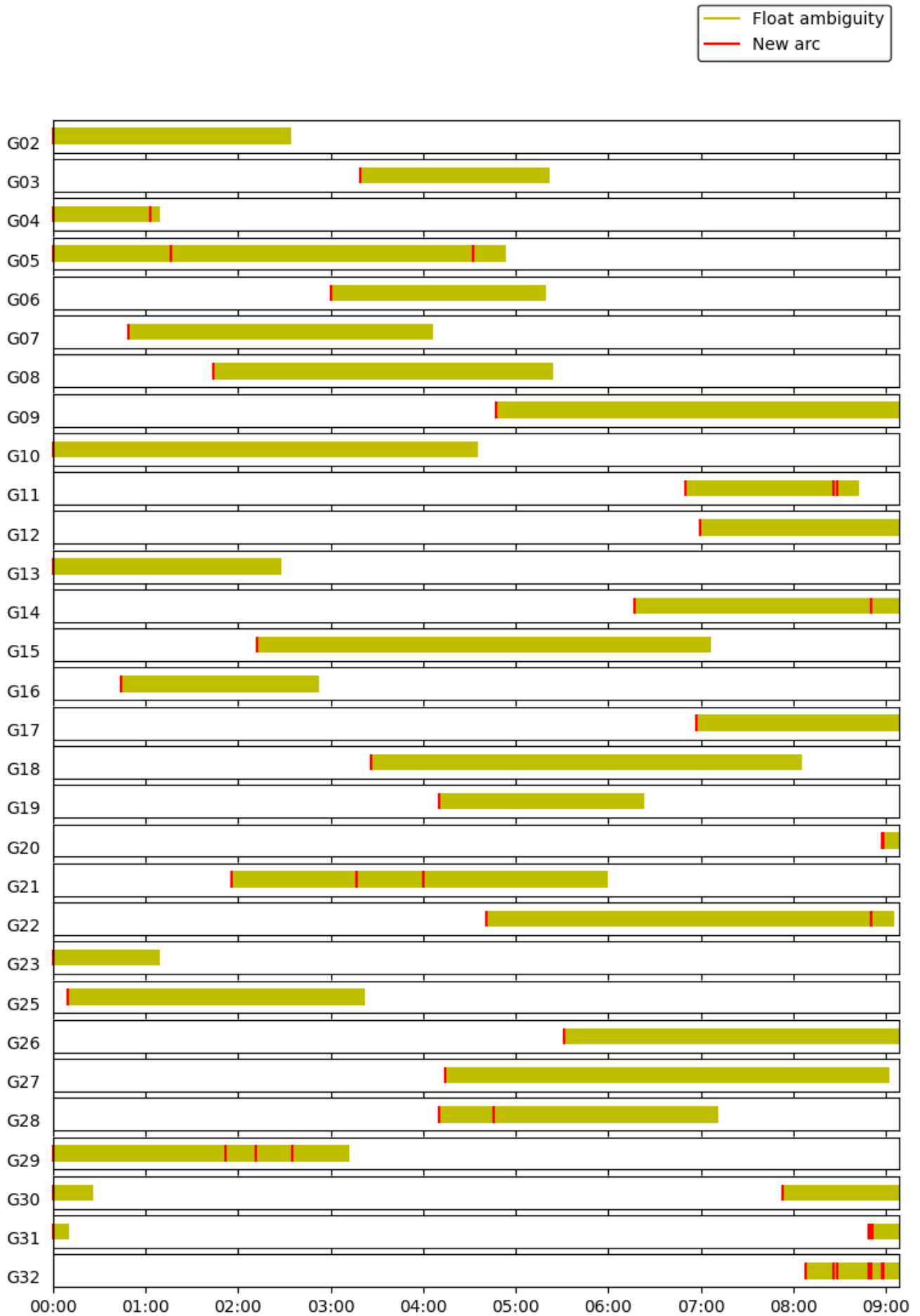
|   |     |   |     |   |     |   |     |   |     |   |     |
|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|
| + | G02 | × | G07 | ▽ | G12 | ▽ | G17 | ▽ | G22 | × | G28 |
| × | G03 | × | G08 | + | G13 | × | G18 | + | G23 | + | G29 |
| + | G04 | ▽ | G09 | ▽ | G14 | × | G19 | + | G25 | + | G30 |
| + | G05 | + | G10 | × | G15 | × | G20 | ▽ | G26 | + | G31 |
| × | G06 | ▽ | G11 | × | G16 | × | G21 | ▽ | G27 | ▽ | G32 |







# Phase Ambiguity Status (2009-10-10)



**~~~ Disclaimer ~~~**

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

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