

# CSRS-PPP 3.54.2 (2022-11-10)



ReachRS201\_raw\_20241010183042.240  
RS201\_BASE

<b>Data Start</b>	<b>Data End</b>	<b>Duration of Observations</b>
2024-10-10 18:31:30.00	2024-10-10 19:49:00.00	1:17:30
<b>Processing Time</b>		<b>Product Type</b>
19:18:39 UTC 2024/10/11		NRCan Rapid
<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	1.28 %	0.00 %
<b>Antenna Model</b>	<b>APC to ARP</b>	<b>ARP to Marker</b>
EML_REACH_RS2 NONE	L1 = 0.135 m L2 = 0.137 m	H:1.611m / E:0.000m / N:0.000m

(APC = antenna phase center; ARP = antenna reference point)

## Estimated Position for ReachRS201\_raw\_20241010183042.240

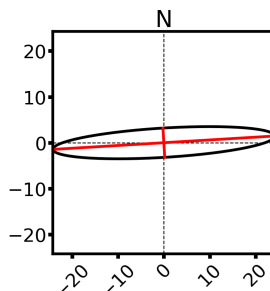
	Latitude (+n)	Longitude (+e)	Ell. Height
<b>NAD83(CSRS) (2024.8)</b>	45° 22' 38.86969"	-63° 22' 46.94039"	-6.532 m
<b>Sigmas(95%)</b>	0.028 m	0.194 m	0.092 m
<b>A priori*</b>	45° 22' 39.14623"	-63° 22' 46.67305"	-2.165 m
<b>Estimated – A priori</b>	-8.537 m	-5.817 m	-4.367 m

**Orthometric Height**  
CGVD2013  
(CGG2013a)  
(2024.8)

11.149 m

(click for height reference information)

**95% Error Ellipse (cm)**  
semi-major: 24.2 cm  
semi-minor: 3.2 cm  
semi-major azimuth: 86° 32' 33.77"



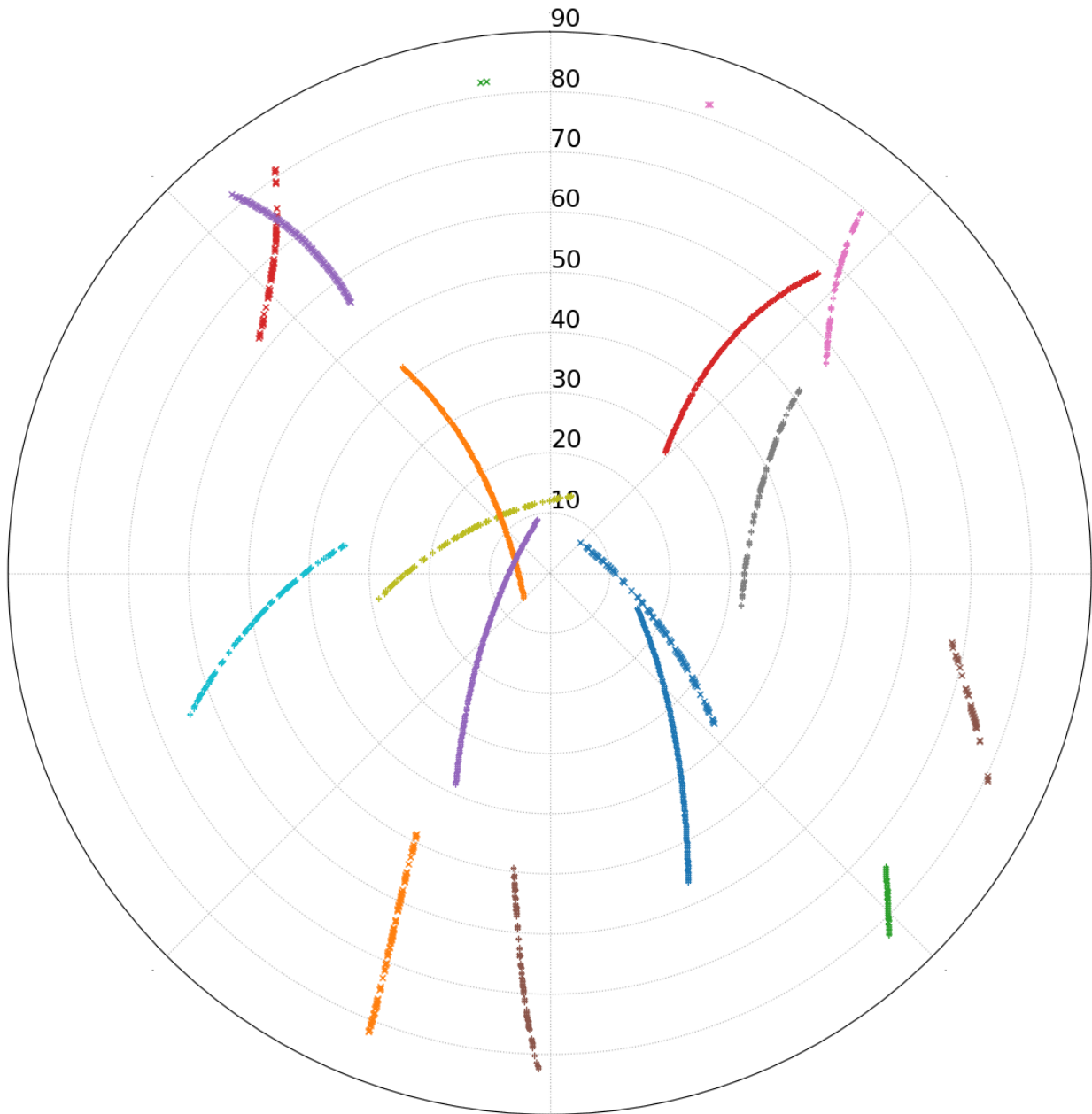
**UTM (North)**  
Zone 20

5024953.351 m (N)  
470270.534 m (E)

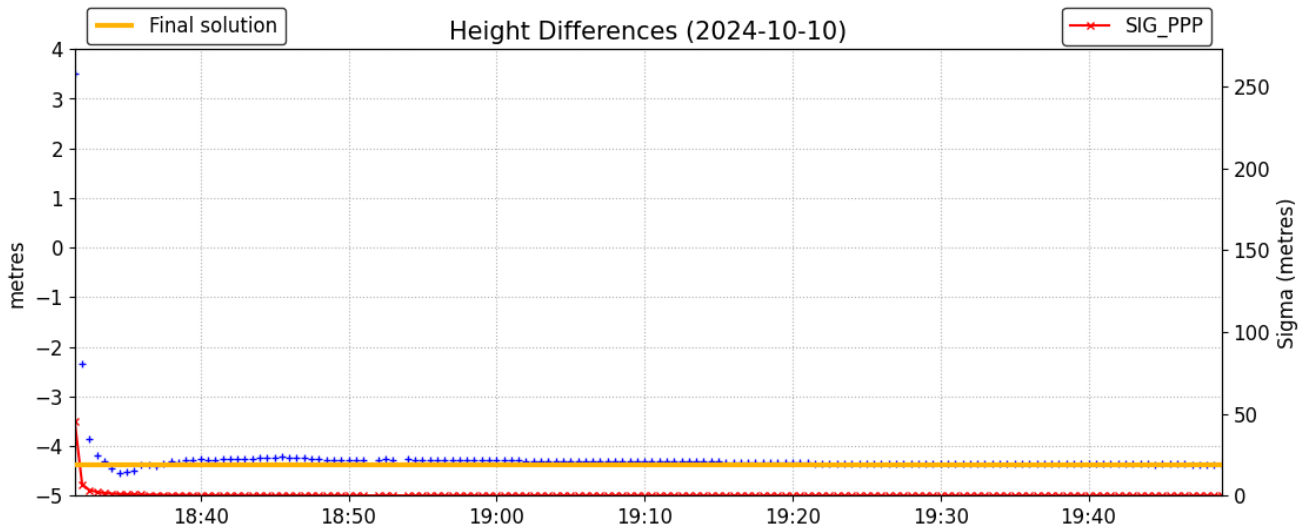
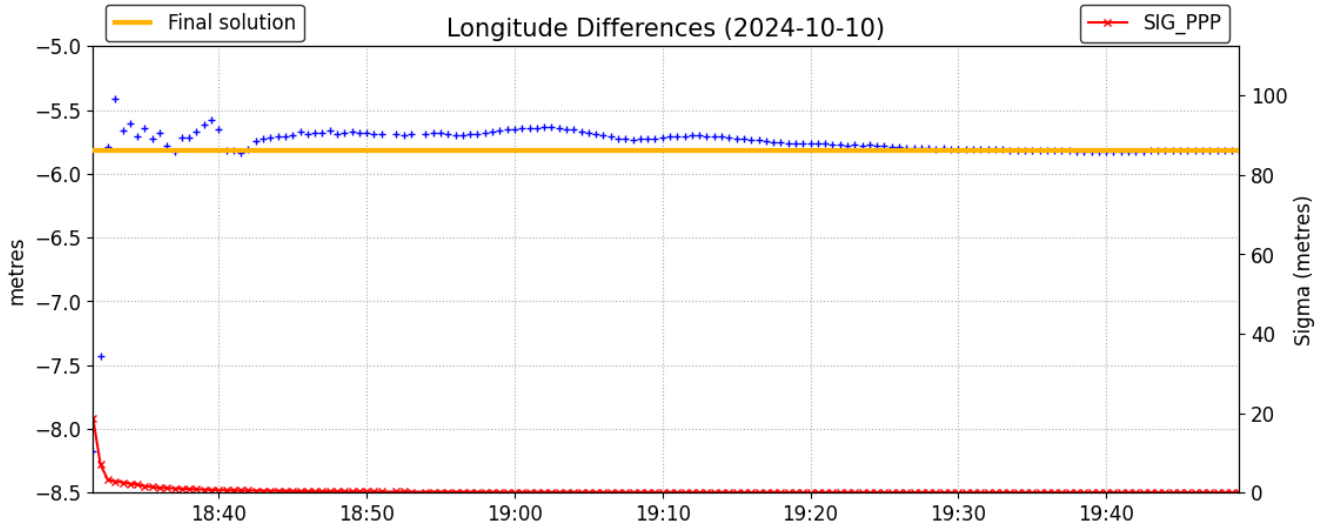
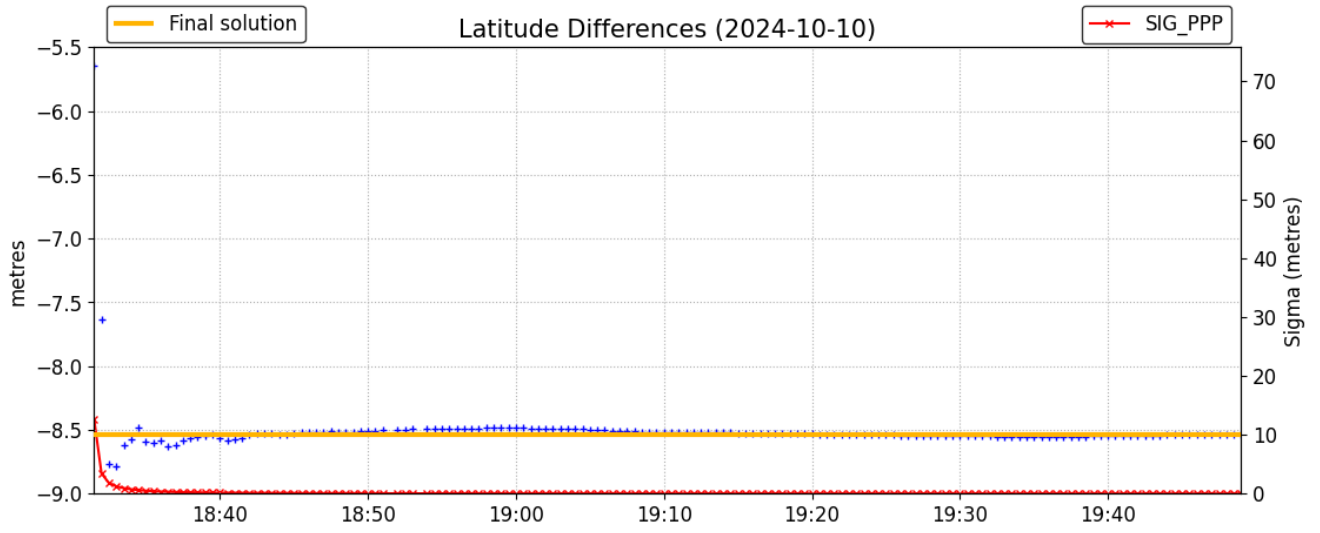
Scale Factors  
0.99961087 (point)  
0.99961189 (combined)

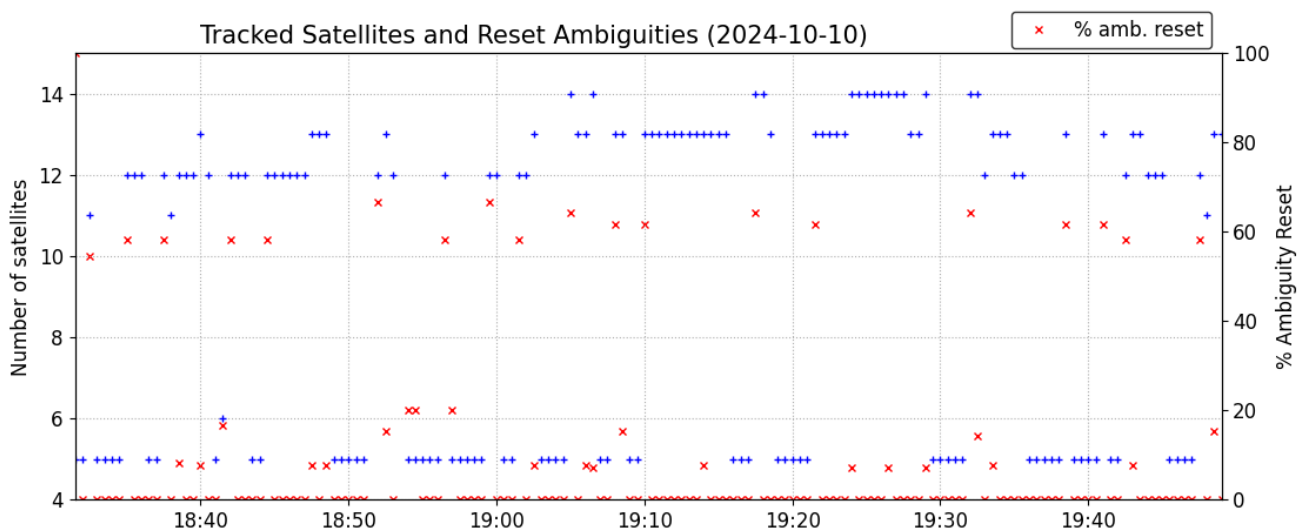
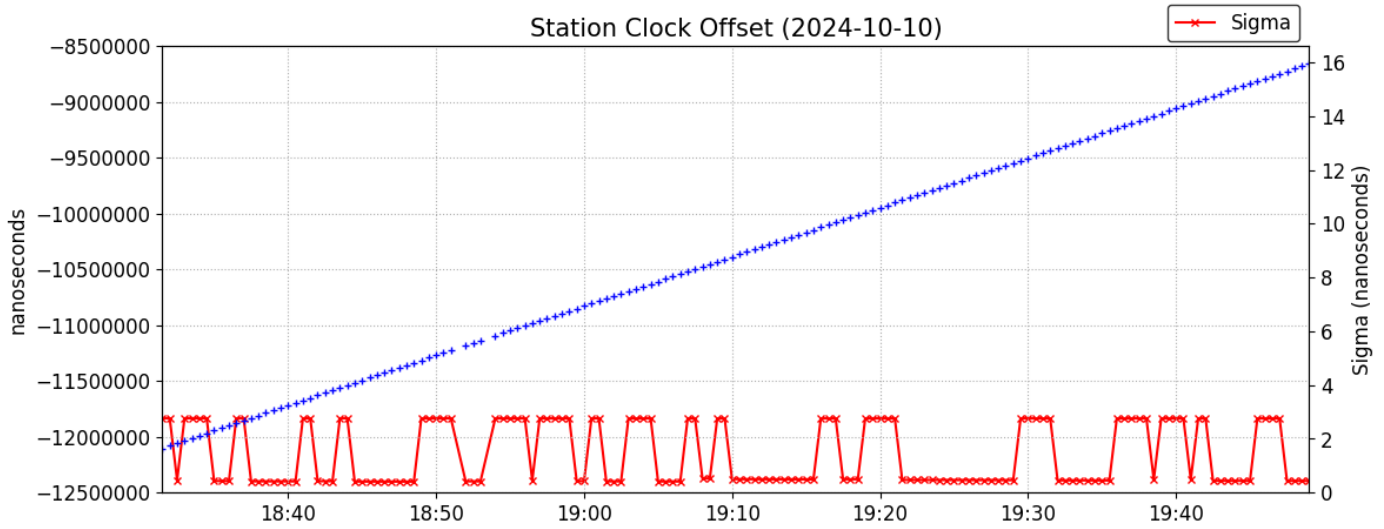
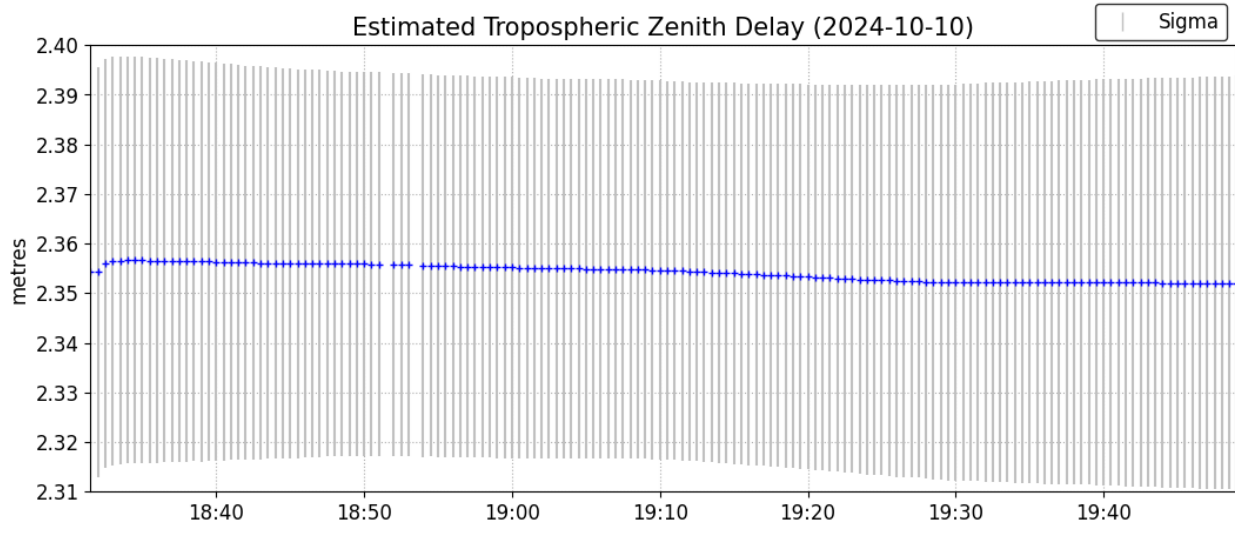
\*(Coordinates from RINEX header used as a priori position)

# Satellite Sky Distribution

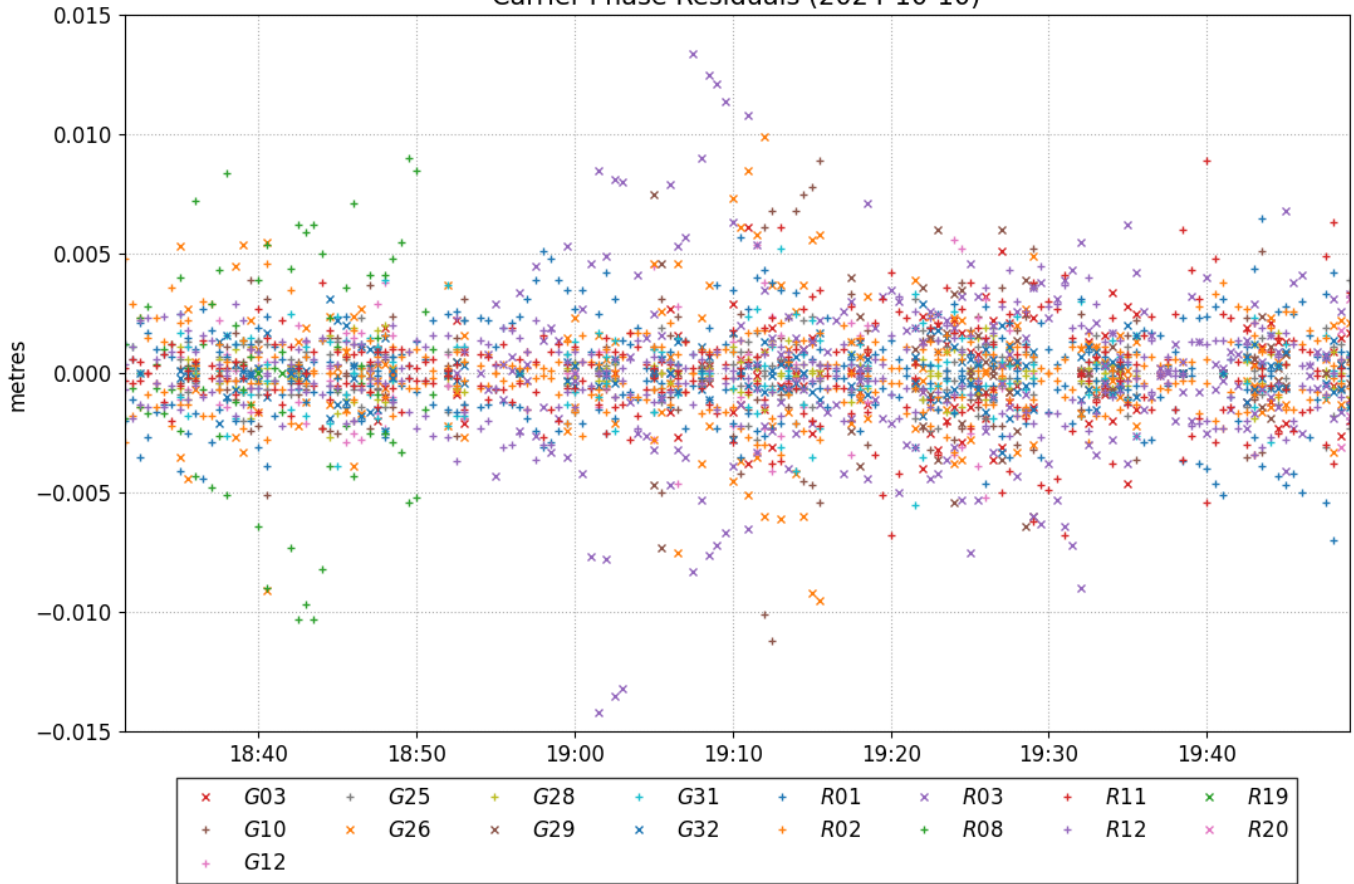


×	G03	+	G25	×	G29	+	R01	+	R08	×	R19
+	G10	×	G26	+	G31	+	R02	+	R11	×	R20
+	G12	+	G28	×	G32	×	R03	+	R12		

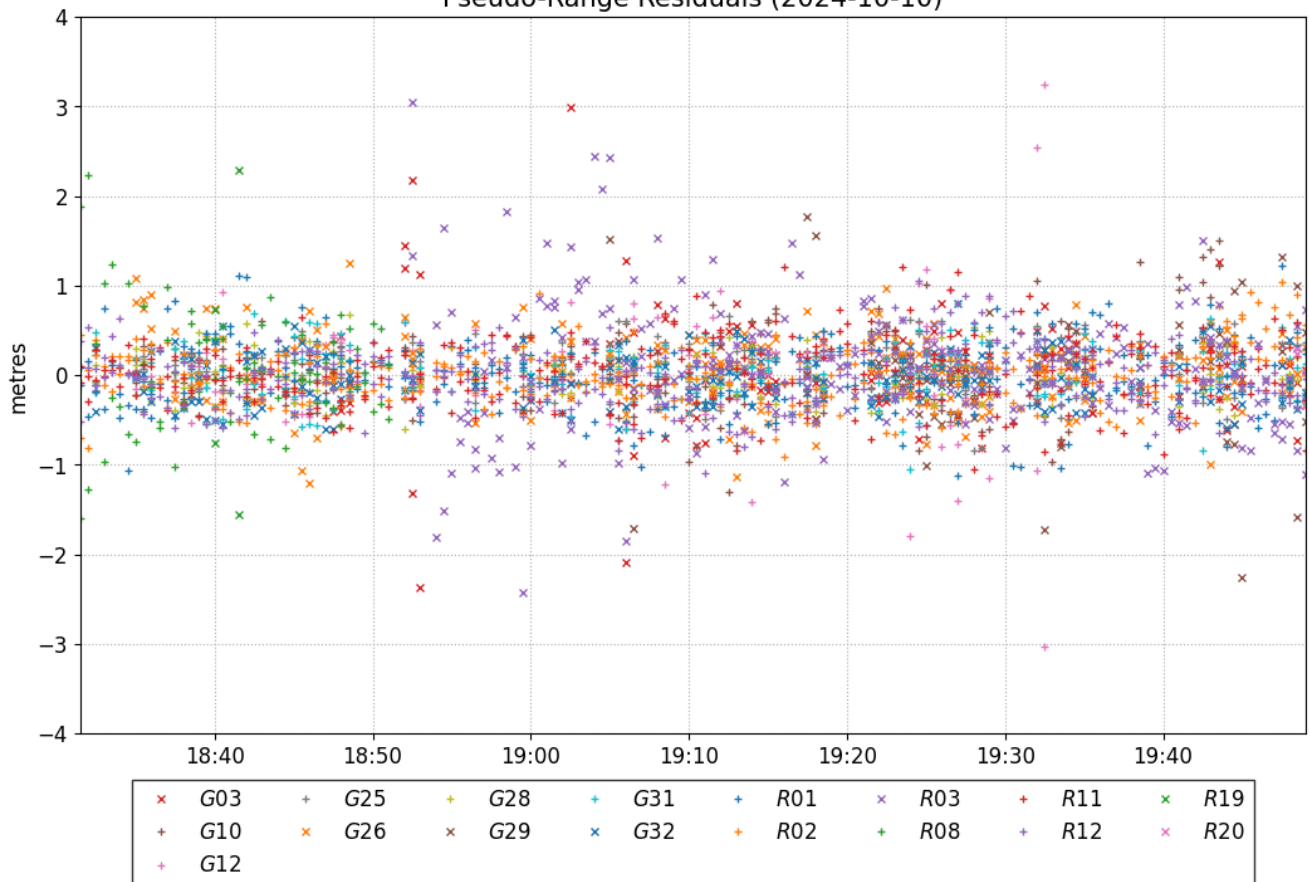




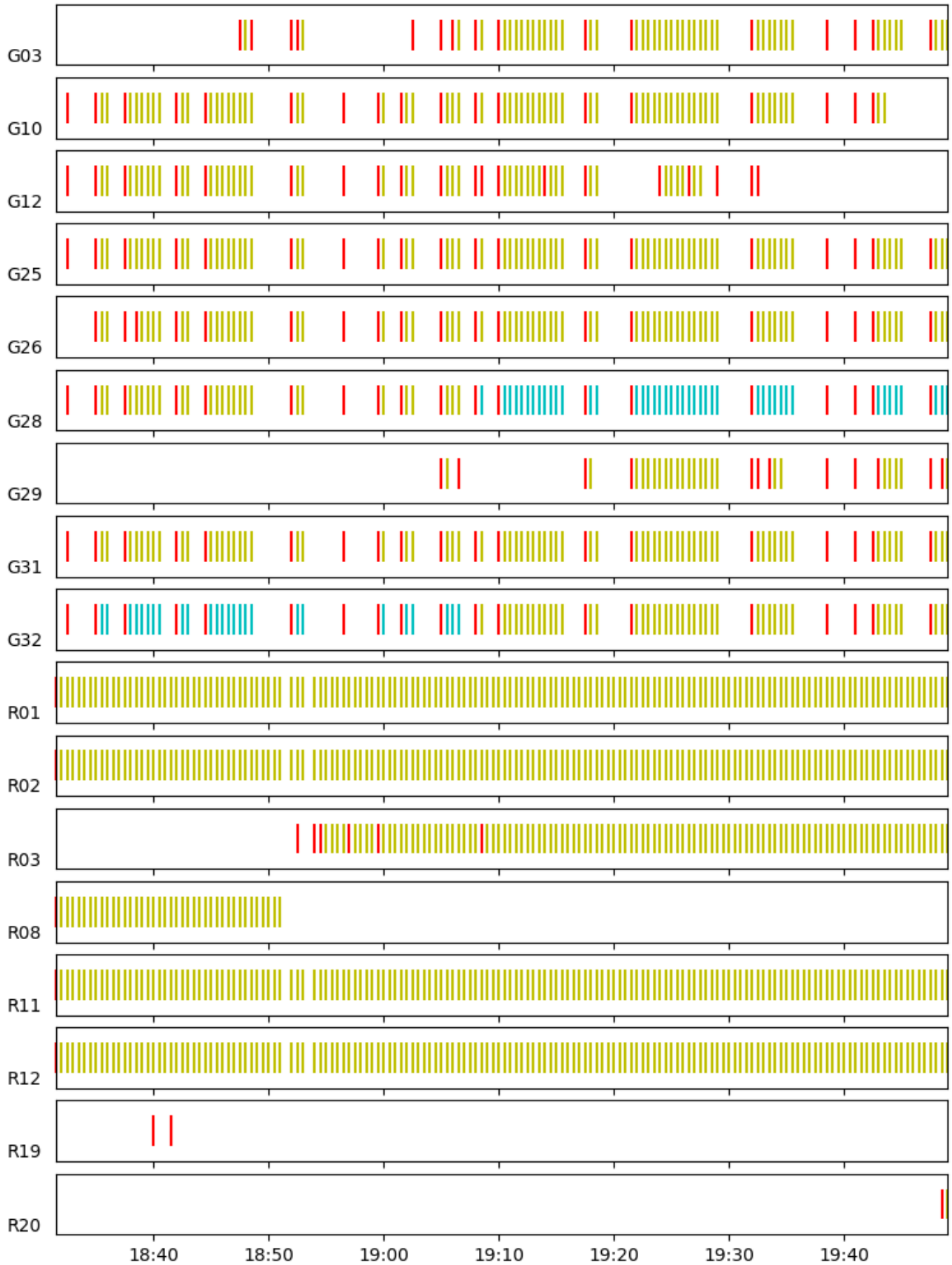
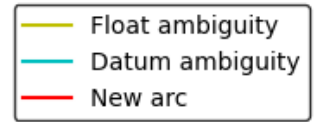
Carrier-Phase Residuals (2024-10-10)



Pseudo-Range Residuals (2024-10-10)



# Phase Ambiguity Status (2024-10-10)



**~~~ Disclaimer ~~~**

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

**Canadian Geodetic Survey**

**Natural Resources Canada**

**Ottawa, Ontario, Canada**

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



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