



CSRS-PPP 3.49.0 (2021-01-25)



DUBO00CAN_R_20210030000_01D_30S_MO.rnx
DUBO CACS-GSD 924000 LAC DU BONNET MB Canada

Data Start	Data End	Duration of Observations
2021-01-03 00:00:00.00	2021-01-03 00:29:30.00	0:29:30
Processing Time		Product Type
16:16:15 UTC 2021/03/10		NRCan/IGS Final
Observations	Frequency	Mode
Phase and Code	Double	Static
Elevation Cut-Off	Rejected Epochs	Fixed Ambiguities
7.5 degrees	0.00 %	77.35 %
		Estimation Steps
		30.00 sec
Antenna Model	APC to ARP	ARP to Marker
AOAD/M_T NONE	L1 = 0.092 m L2 = 0.120 m	H:0.100m / E:0.000m / N:0.000m

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

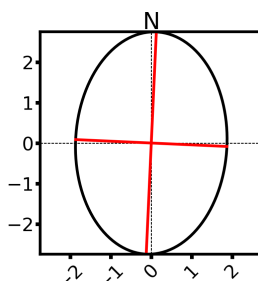
Estimated Position for DUBO00CAN_R_20210030000_01D_30S_MO.rnx

	Latitude (+n)	Longitude (+e)	Ell. Height
ITRF14 (2021.0)	50° 15' 31.71013"	-95° 51' 58.26455"	245.278 m
Sigmas(95%)	0.022 m	0.015 m	0.081 m
A priori*	50° 15' 31.71271"	-95° 51' 58.24545"	245.262 m
Estimated – A priori	-0.080 m	-0.378 m	0.016 m

Orthometric Height
CGVD2013
(CGG2013a)

274.970 m
(click for height reference information)

95% Error Ellipse (cm)
semi-major: 2.7 cm
semi-minor: 1.9 cm
semi-major azimuth: 2° 35' 56.51"



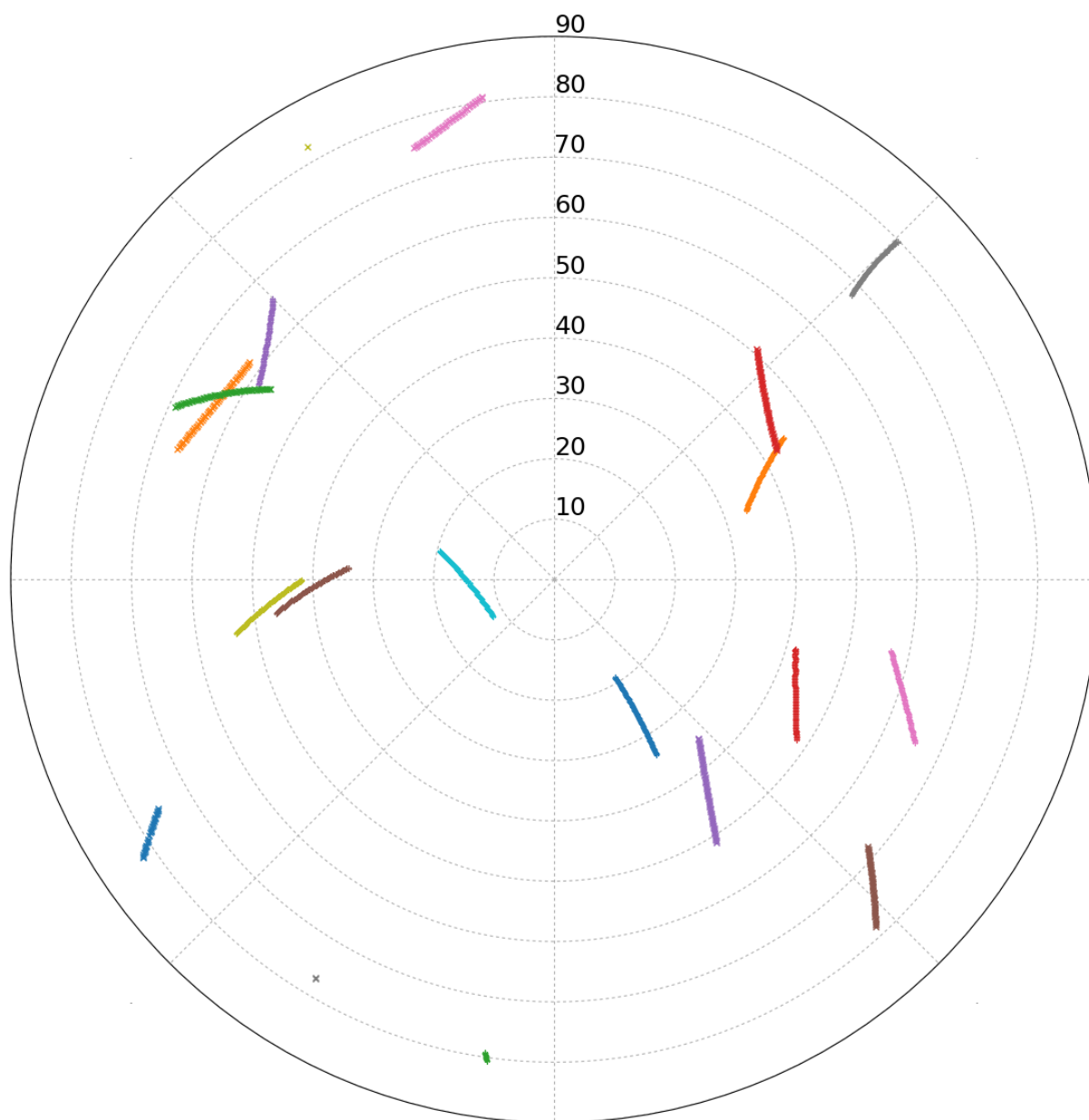
UTM (North)
Zone 15

5571337.439 m (N)
295709.238 m (E)

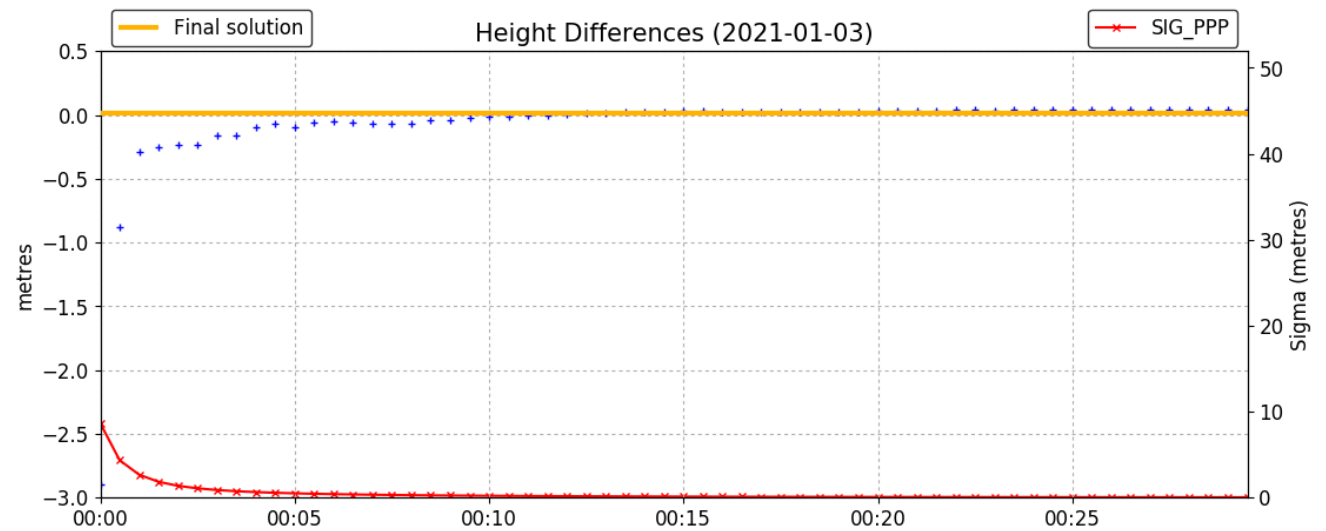
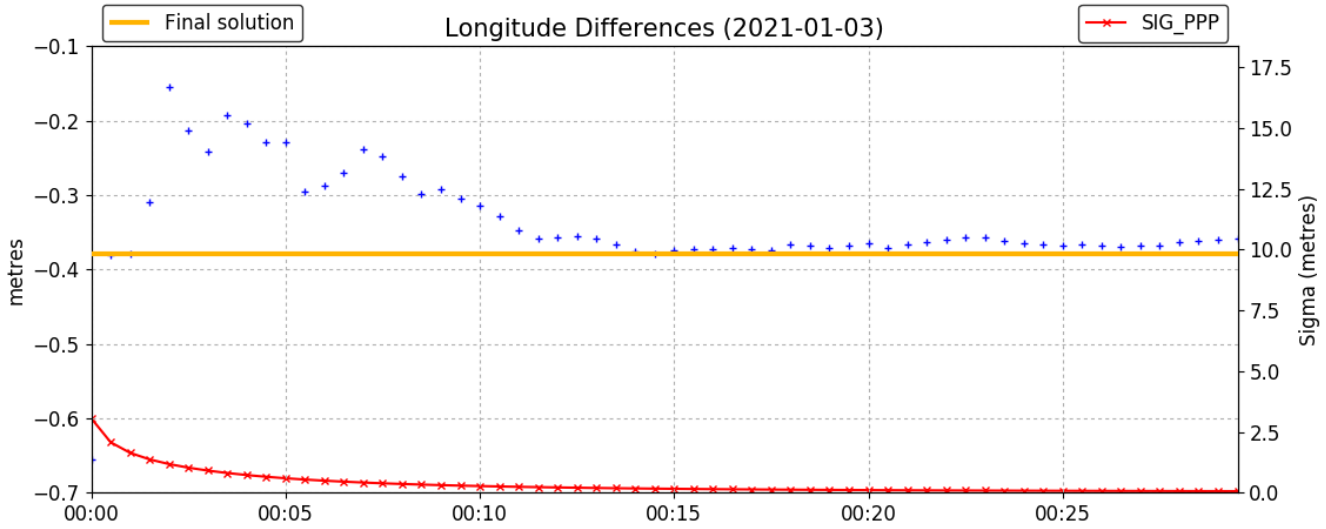
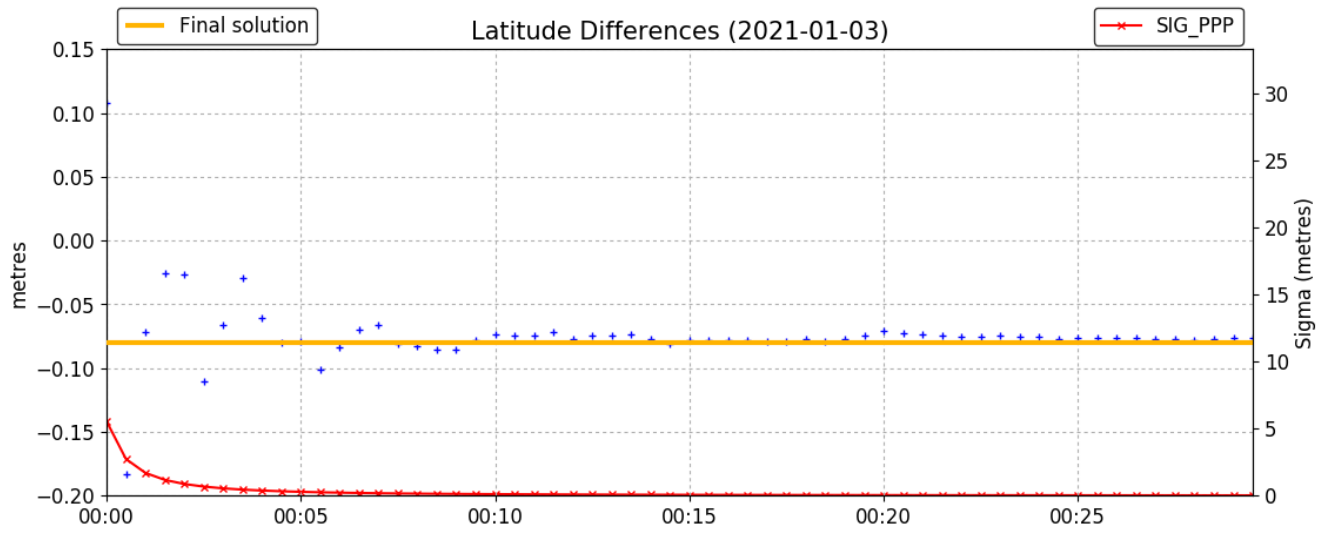
Scale Factors
1.00011258 (point)
1.00007414 (combined)

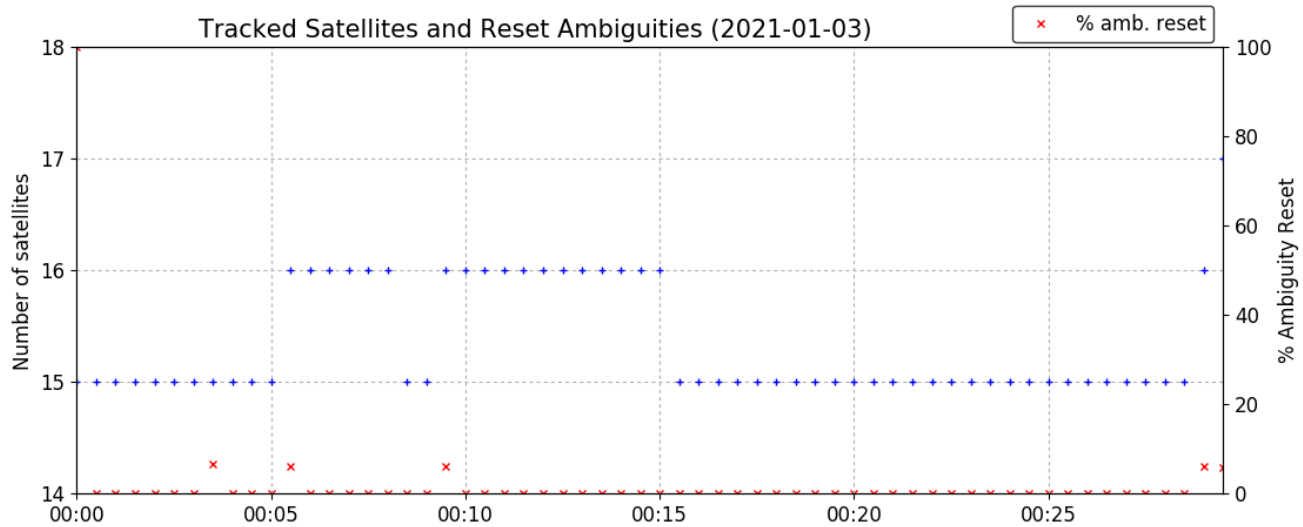
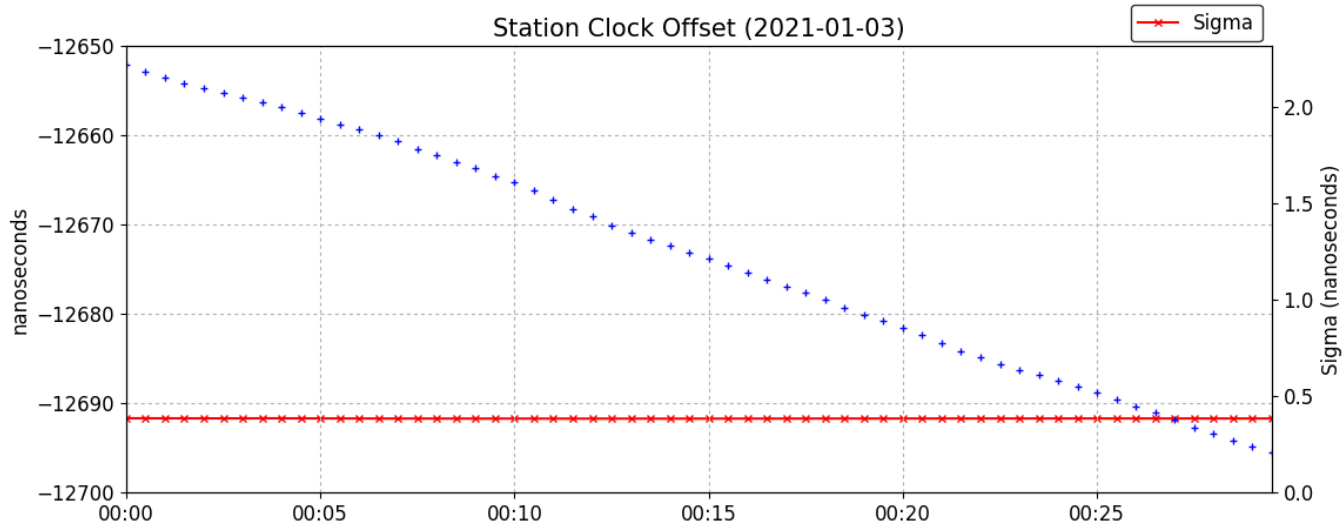
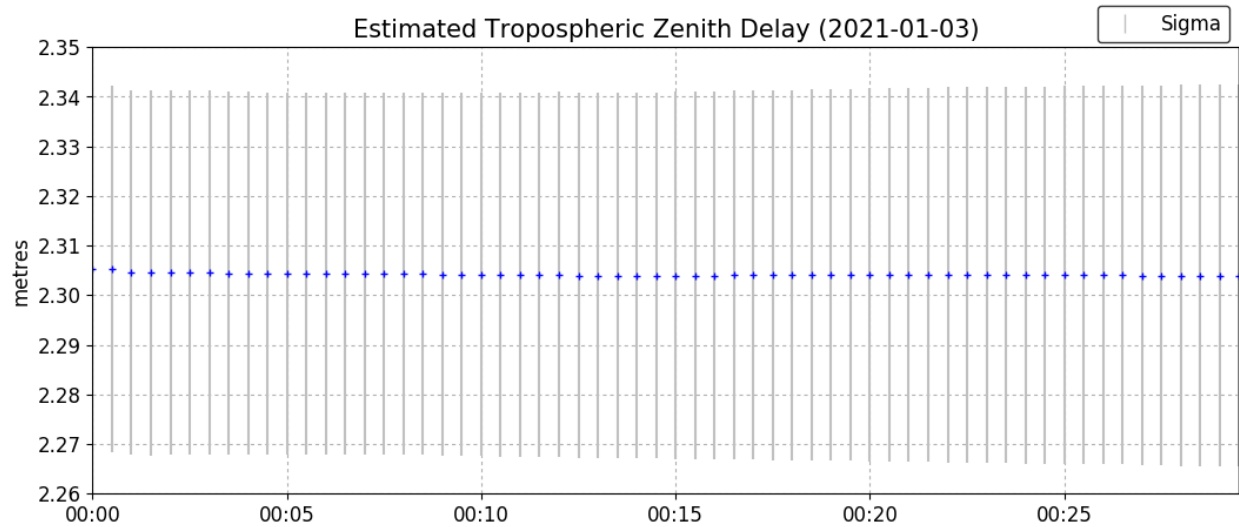
*(Coordinates from RINEX header used as a priori position)

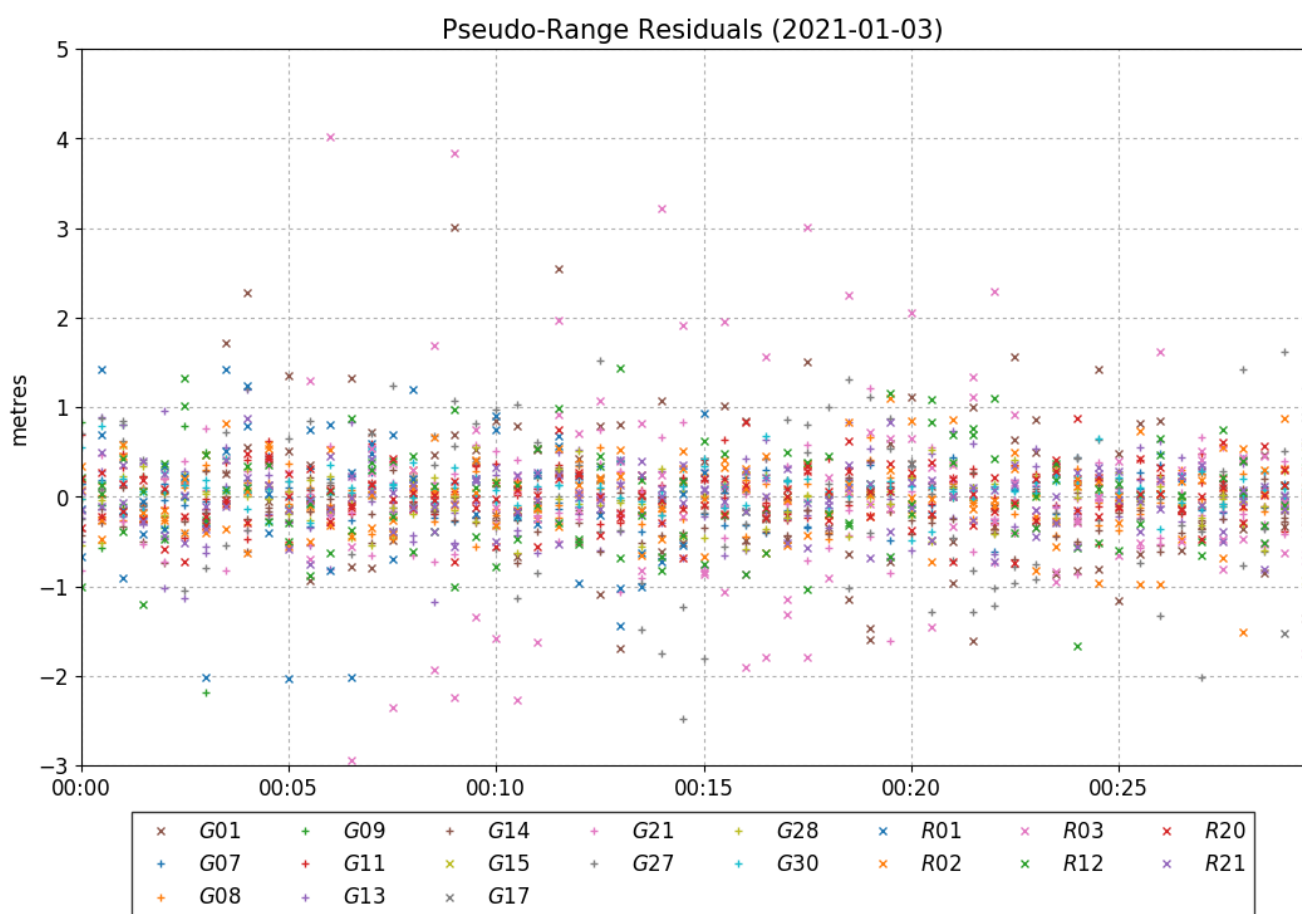
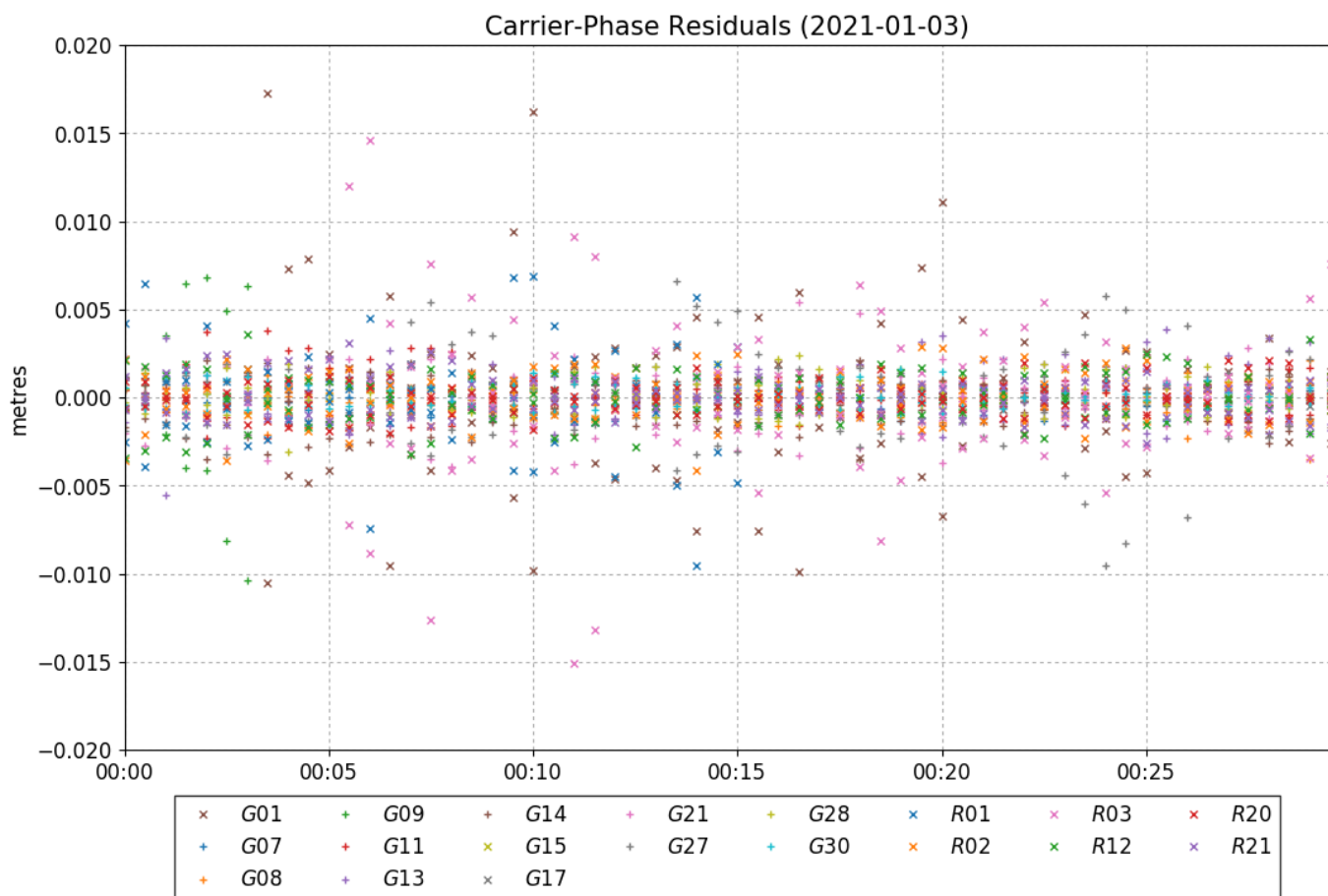
Satellite Sky Distribution



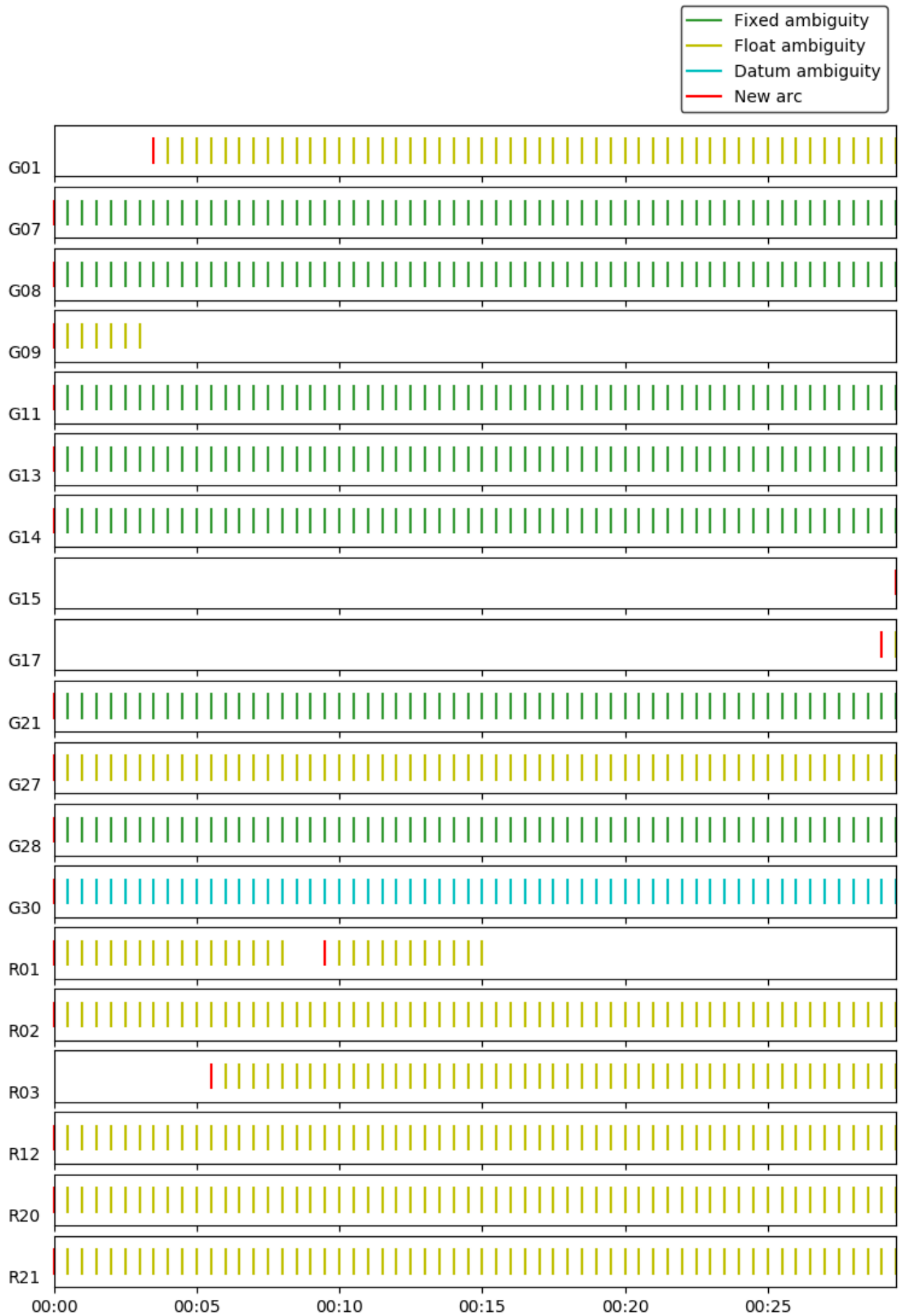
×	G01	+	G11	×	G15	+	G27	×	R01	×	R12
+	G07	+	G13	×	G17	+	G28	×	R02	×	R20
+	G08	+	G14	+	G21	+	G30	×	R03	×	R21
+	G09										







Phase Ambiguity Status (2021-01-03)



~~~ Disclaimer ~~~

Natural Resources Canada does not assume any liability deemed to have been caused directly or indirectly by any content of its CSRS-PPP online positioning service.

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: nrcan.geodeticinformation-informationgeodesique.rncan@canada.ca



**Natural Resources
Canada**

**Ressources naturelles
Canada**

Canada