summary for network NT10

timeperiod chosen: from 2024-07-15-00:00:00 until 2024-07-15-23:59:59

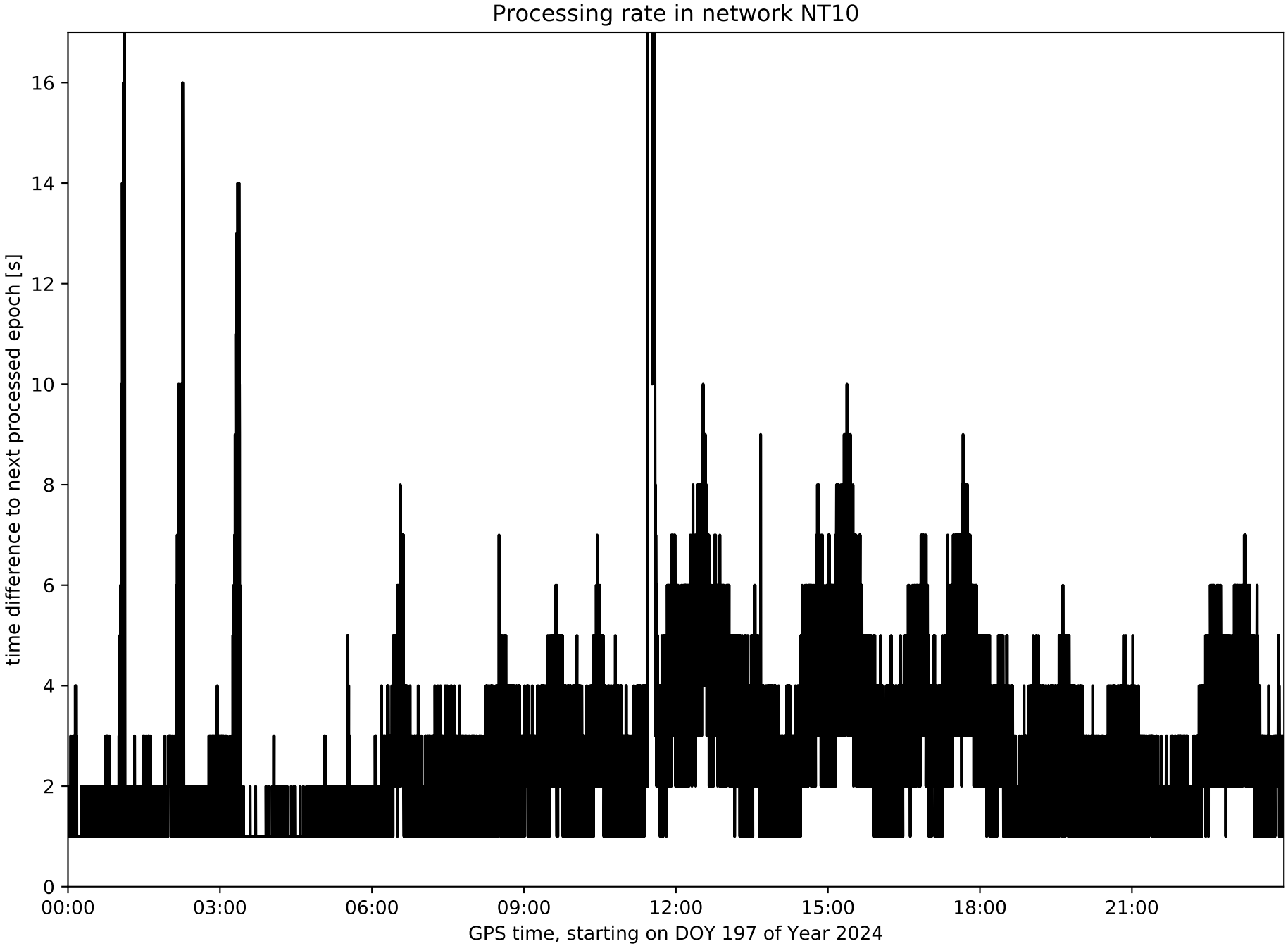
average update rate (durations larger than 15 seconds considered as observation gap): 1.8 seconds

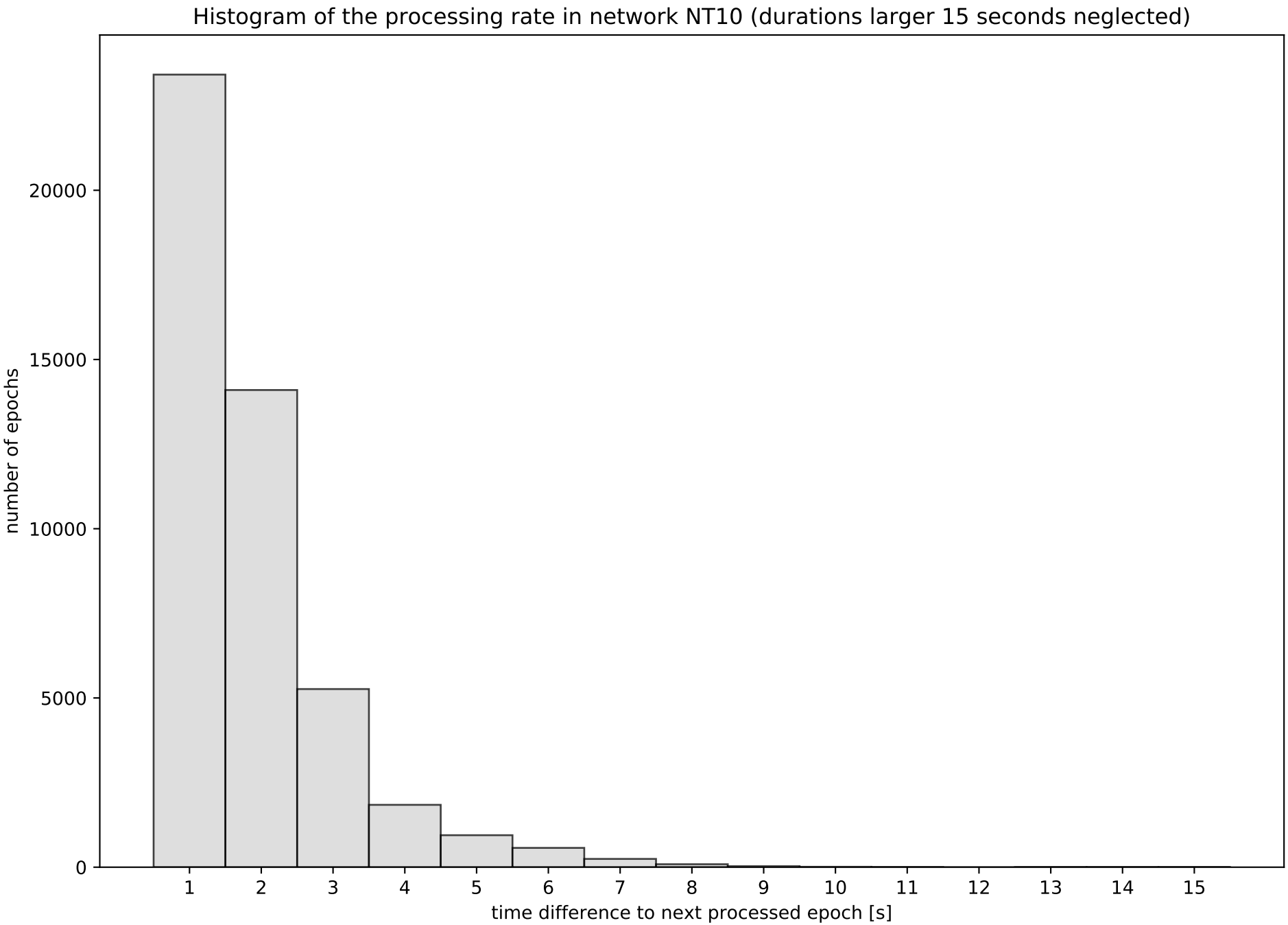
average fixing percentage with threshold set to 0.3: 84.6 percent

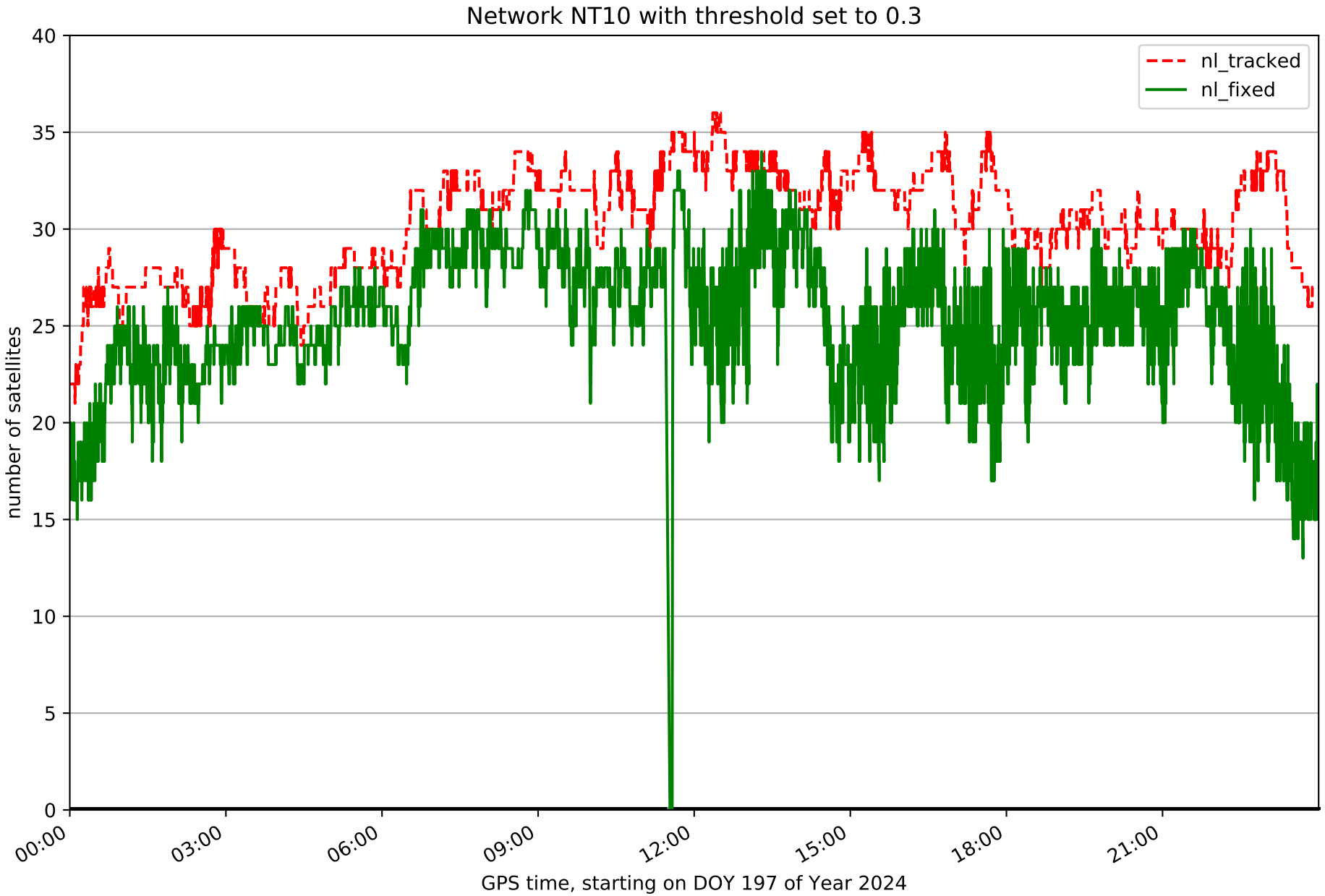
stations available: 15 of 15

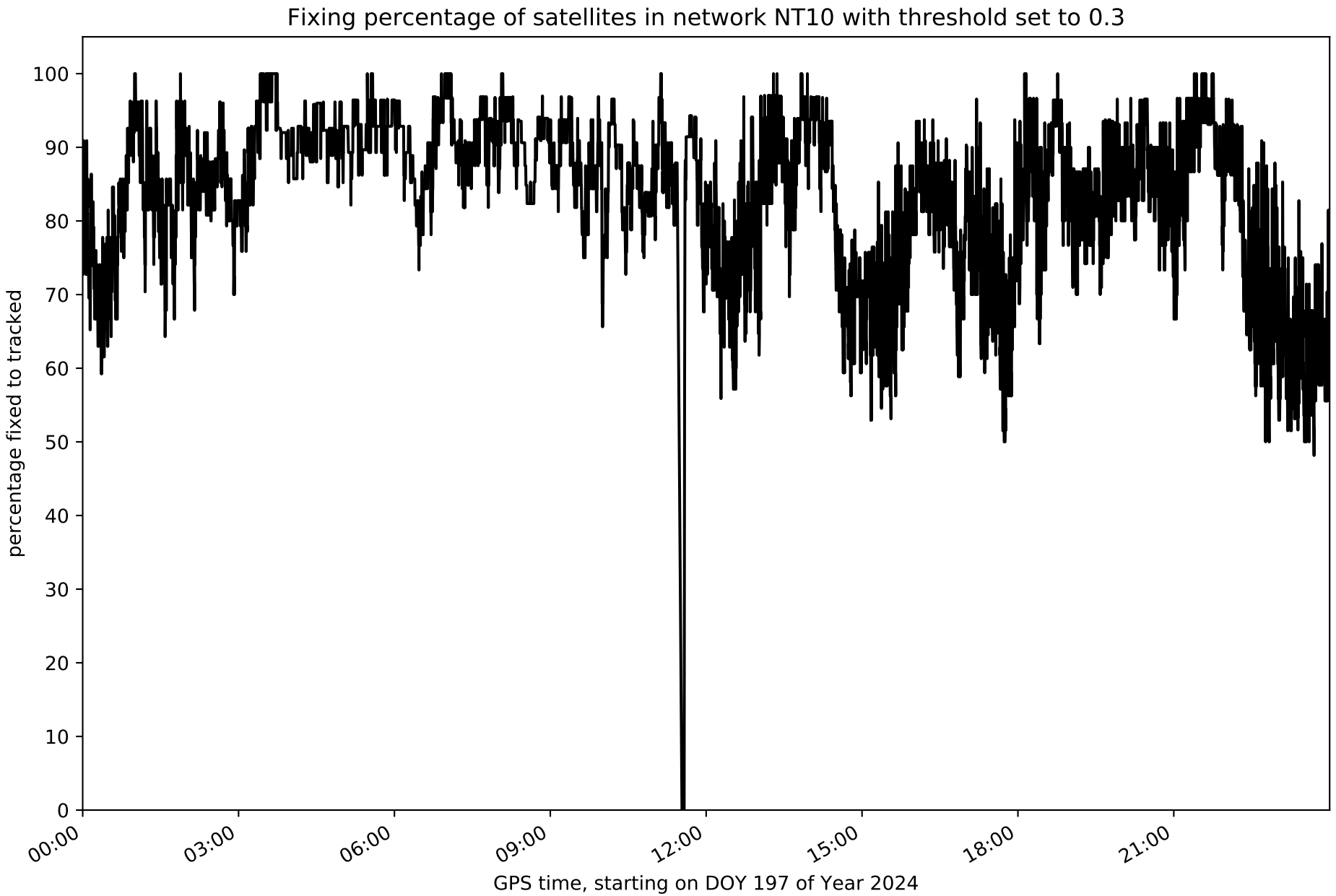
station information:

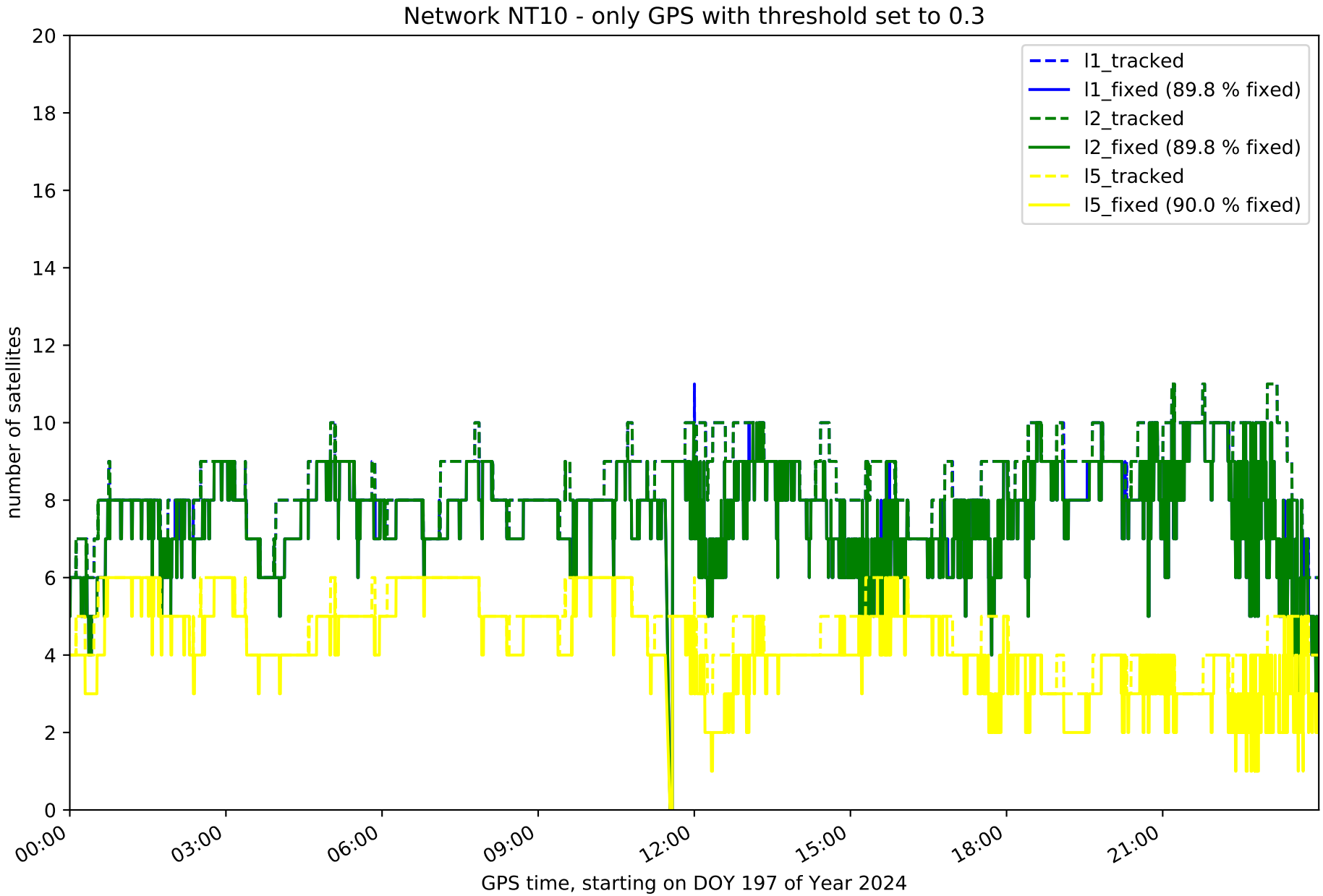
station ALC1:	antenna: TRM57971.00 TZGD		receiver: TRIMBLE NETR9	height: 397.675
station BCL1:	antenna: LEIAR20 LEIM		receiver: LEICA GR25	height: 56.129
station BCLN:	antenna: LEIAR25.R4 LEIT		receiver: LEICA GR10	height: 84.875
station BELL:	antenna: LEIAR25.R4 NONE		receiver: LEICA GR50	height: 853.488
station BERG:	antenna: GPPNULLANTENNA NONE		receiver: LEICA GR30	height: 892.808
station CREU:	antenna: LEIAR25.R4 NONE		receiver: LEICA GR50	height: 133.464
station EBRE:	antenna: LEIAR25.R4 NONE		receiver: LEICA GR50	height: 107.868
station ESCO:	antenna: LEIAR25.R4 NONE		receiver: LEICA GR50	height: 2508.504
station GIRO:	antenna: LEIAR25.R4 LEIT		receiver: LEICA GR10	height: 112.767
station GRAU:	antenna: GPPNULLANTENNA NONE		receiver: TPS NET-G3	height: 509.777
station MEQU:	antenna: GPPNULLANTENNA NONE		receiver: LEICA GR50	height: 138.594
station PUIG:	antenna: TRM59900.00 SCIS		receiver: TRIMBLE NETR9	height: 1162.395
station TARR:	antenna: LEIAR20 LEIM		receiver: LEICA GR25	height: 491.514
station TRRG:	antenna: LEIAR20 LEIM		receiver: LEICA GR50	height: 55.163
station VRO2:	antenna: GPPNULLANTENNA NONE		receiver: LEICA GR50	height: 541.427

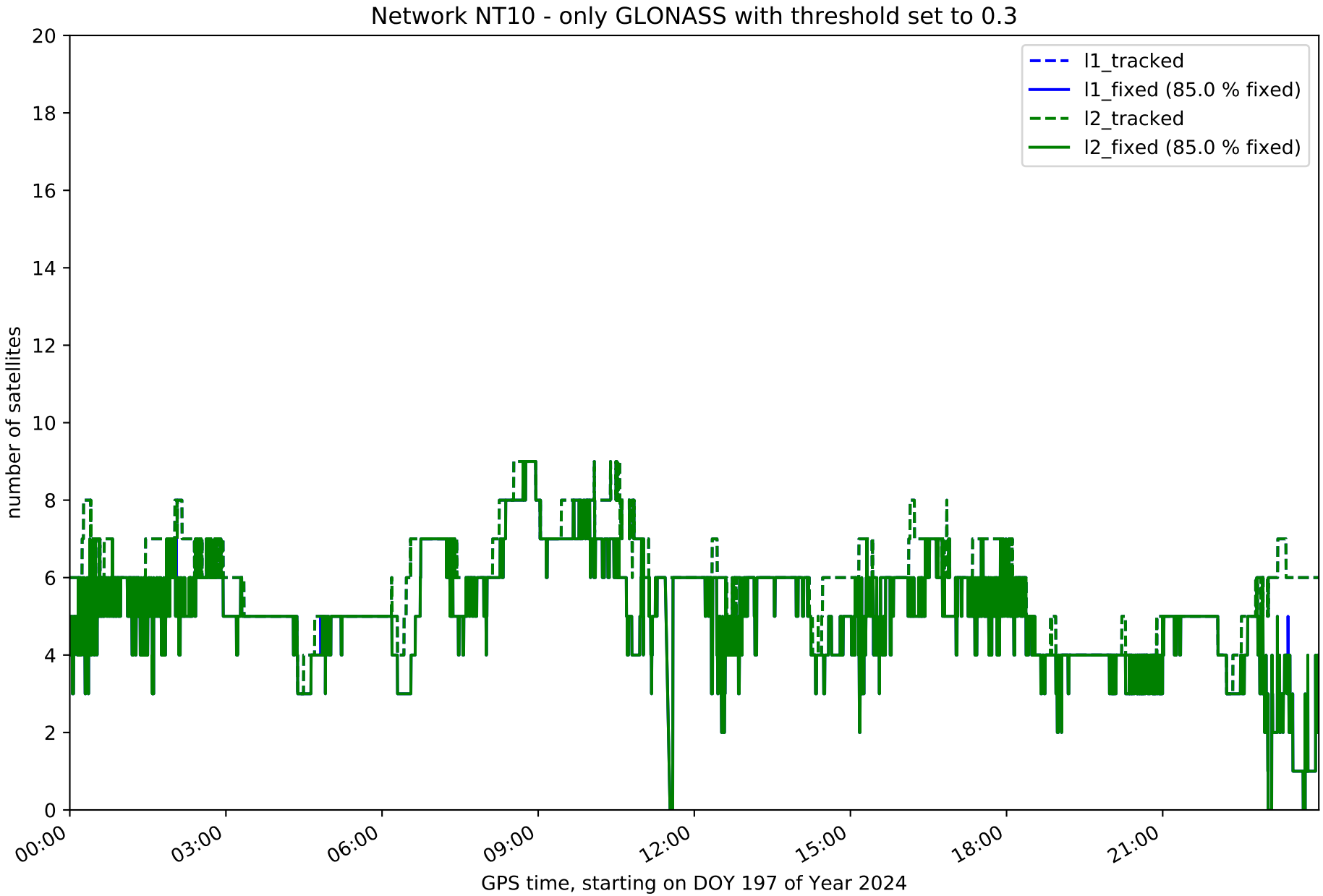

Processing rate in network NT10
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

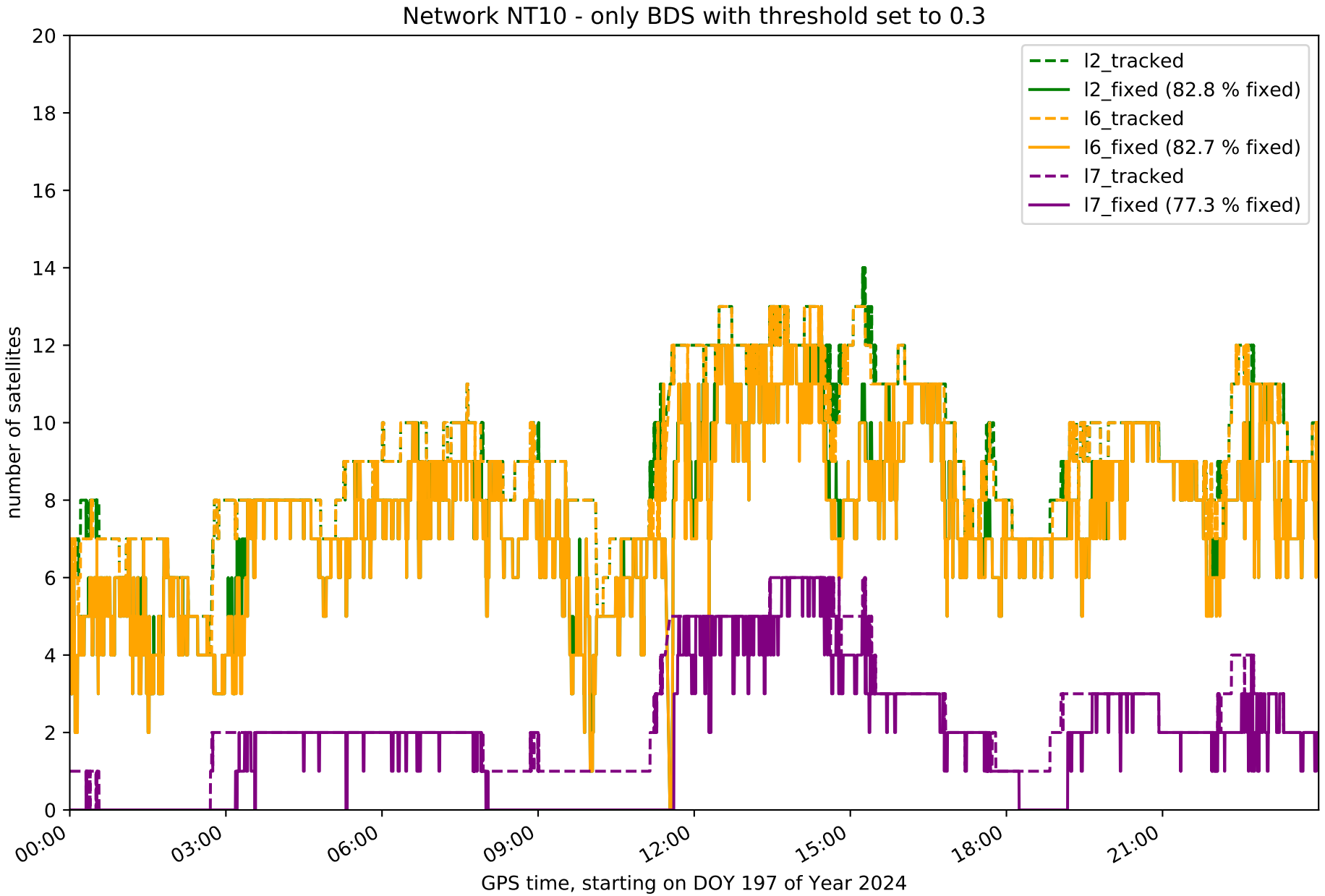

Histogram of the processing rate in network NT10 (durations larger 15 seconds neglected)
number of epochs
0
5000
10000
15000
20000
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
time difference to next processed epoch [s]

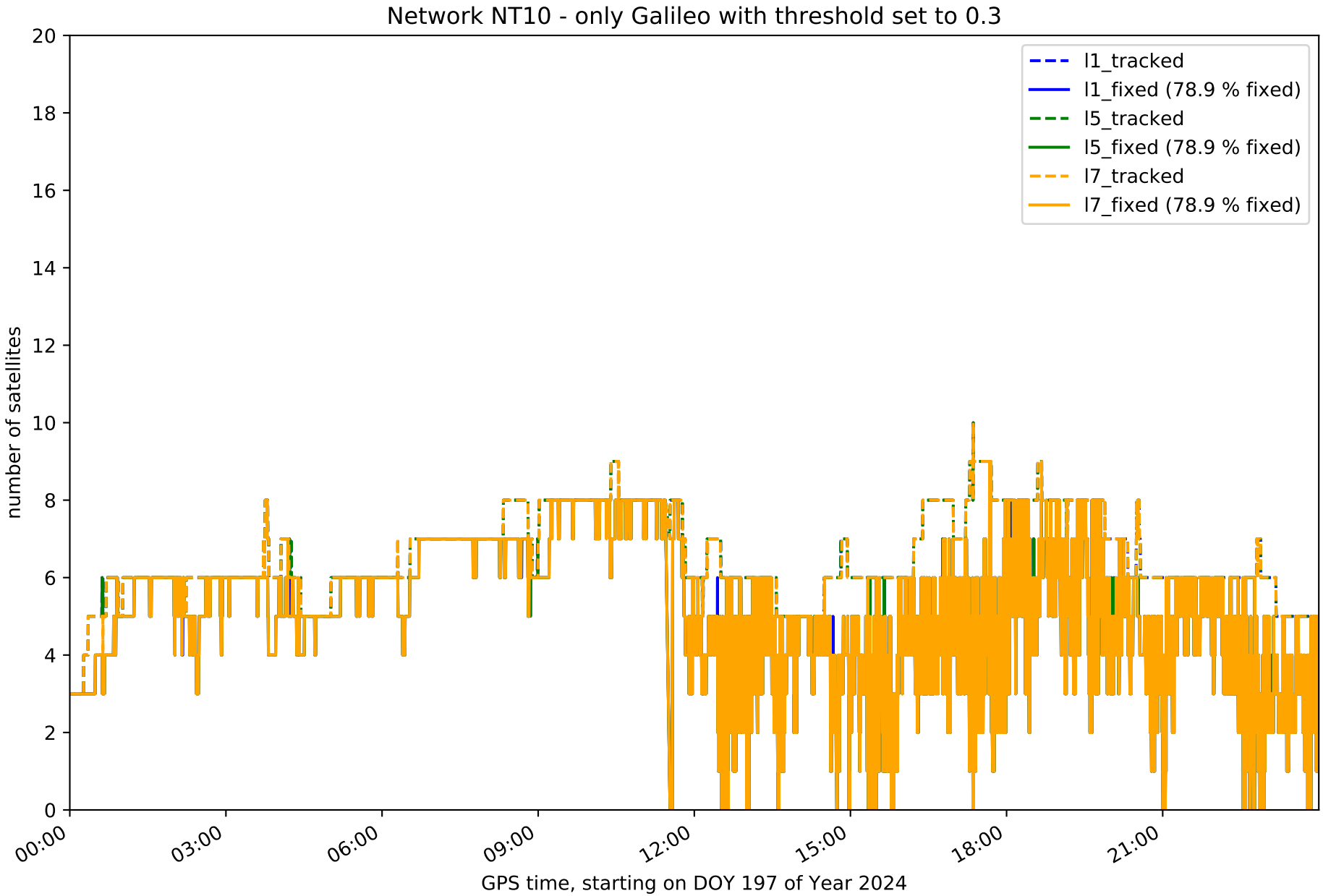

Network NT10 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

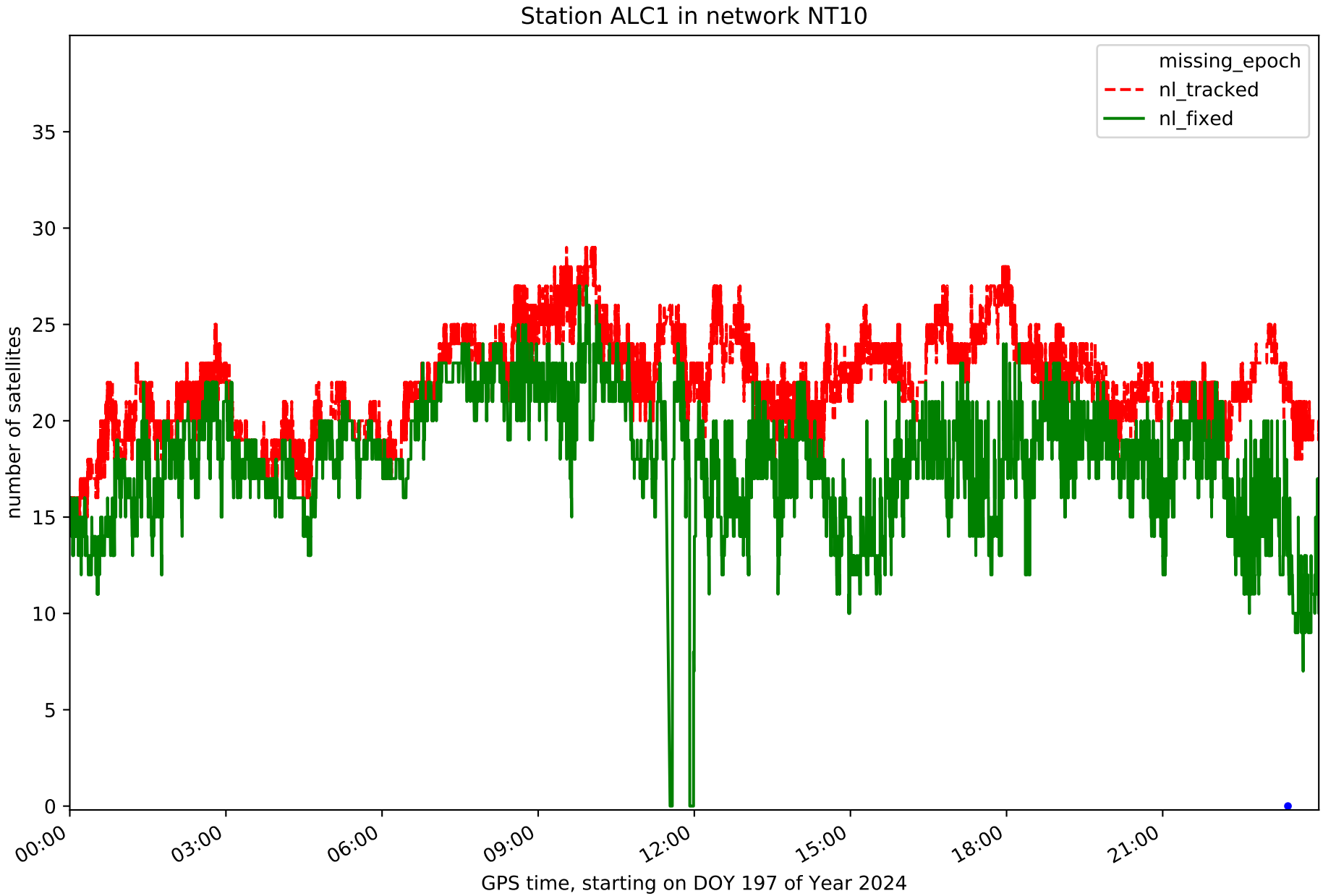

Fixing percentage of satellites in network NT10 with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

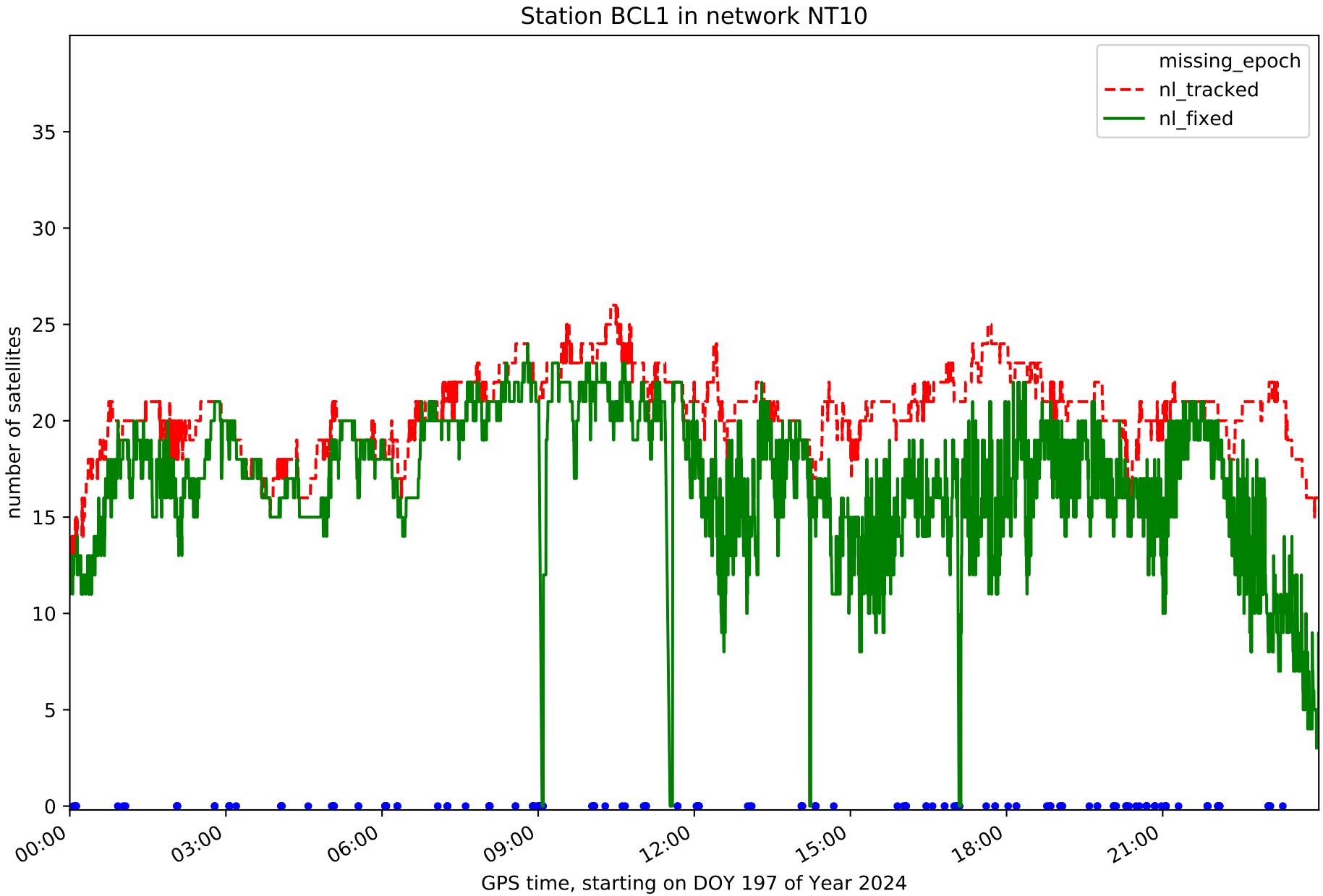

Network NT10 - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 197 of Year 2024
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (89.8 % fixed)
l2_tracked
l2_fixed (89.8 % fixed)
l5_tracked
l5_fixed (90.0 % fixed)

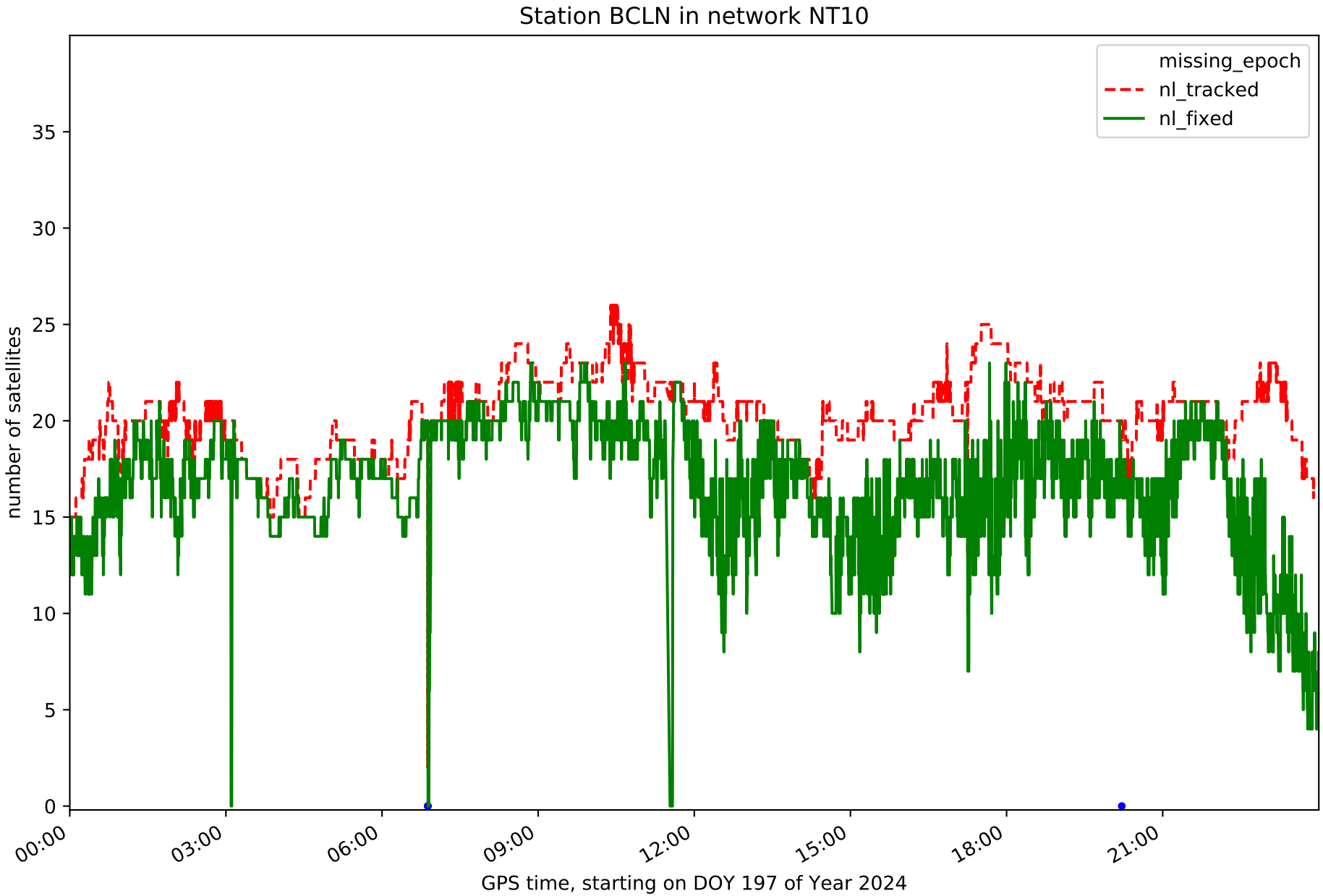

Network NT10 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (85.0 % fixed)
l2_tracked
l2_fixed (85.0 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

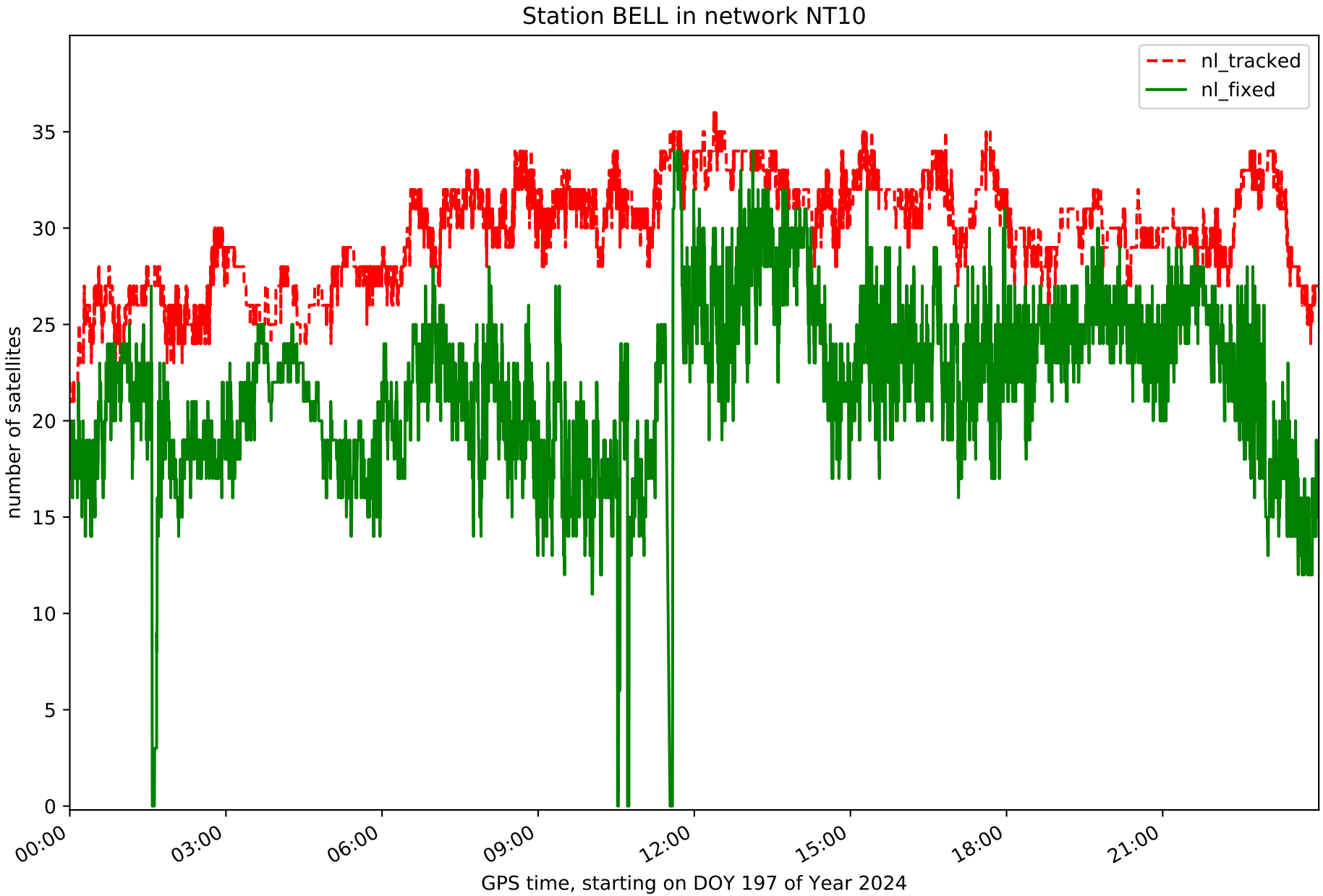

Network NT10 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 197 of Year 2024
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (82.8 % fixed)
I6_tracked
I6_fixed (82.7 % fixed)
I7_tracked
I7_fixed (77.3 % fixed)

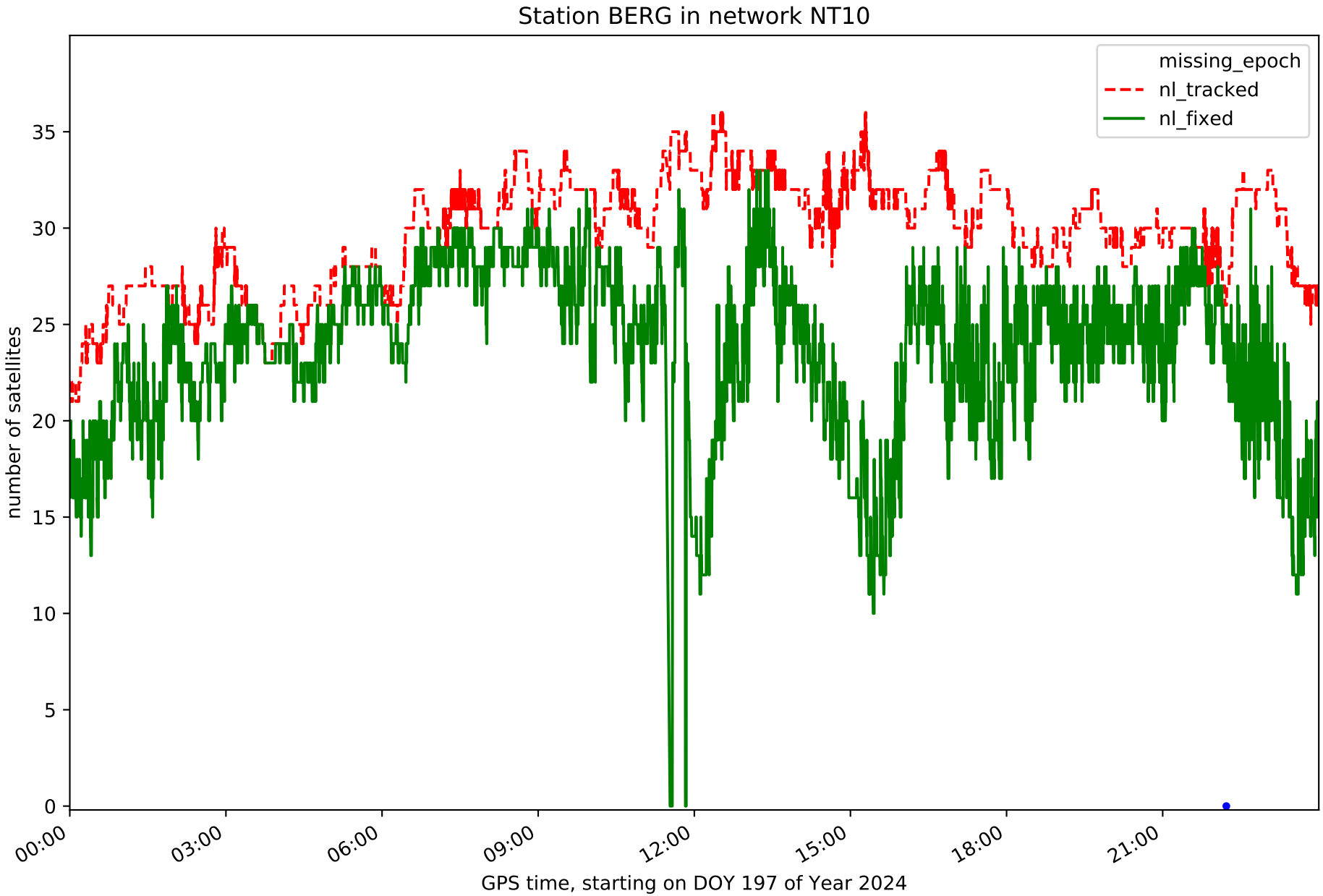

Network NT10 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 197 of Year 2024
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (78.9 % fixed)
l5_tracked
l5_fixed (78.9 % fixed)
l7_tracked
l7_fixed (78.9 % fixed)

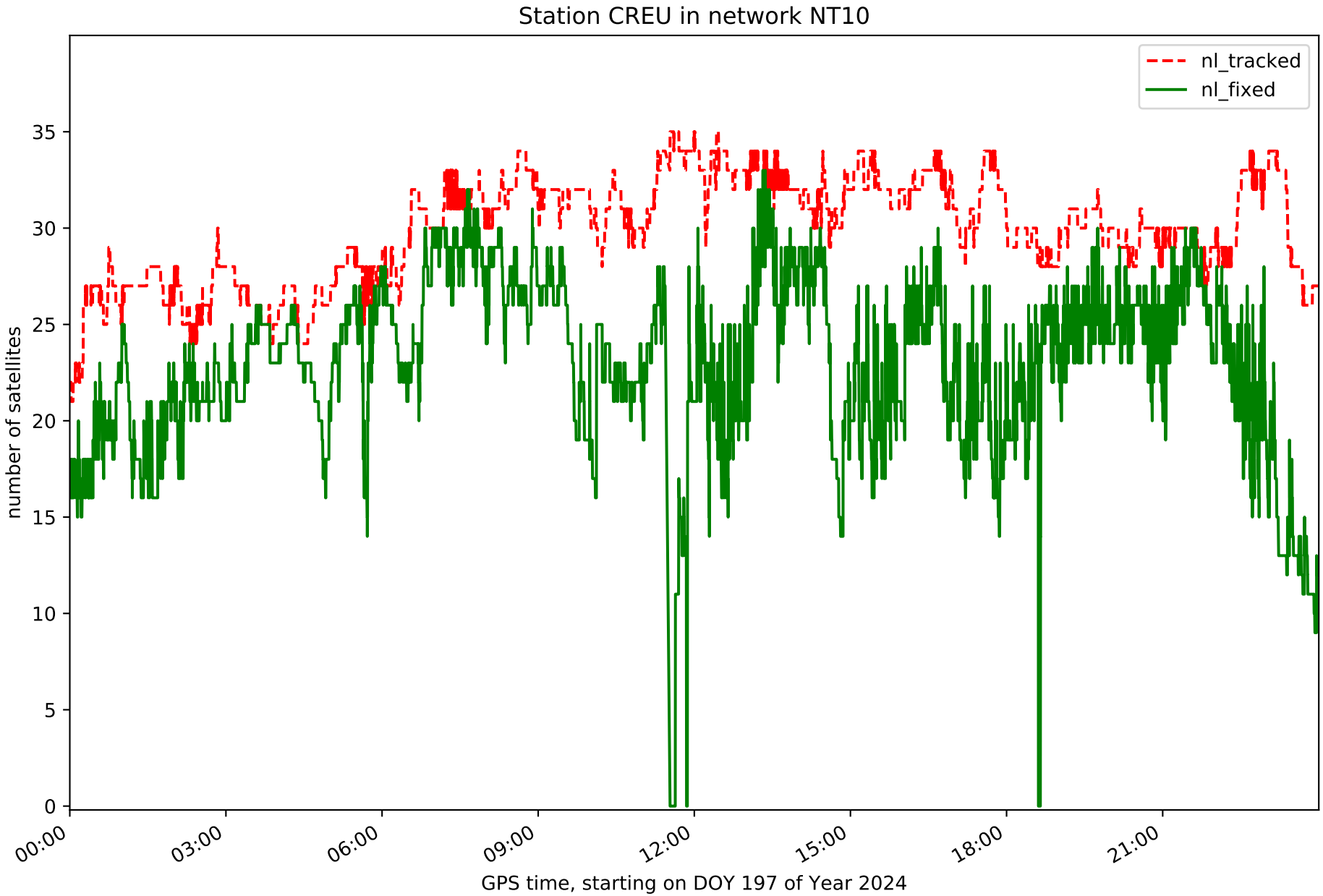

Station ALC1 in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

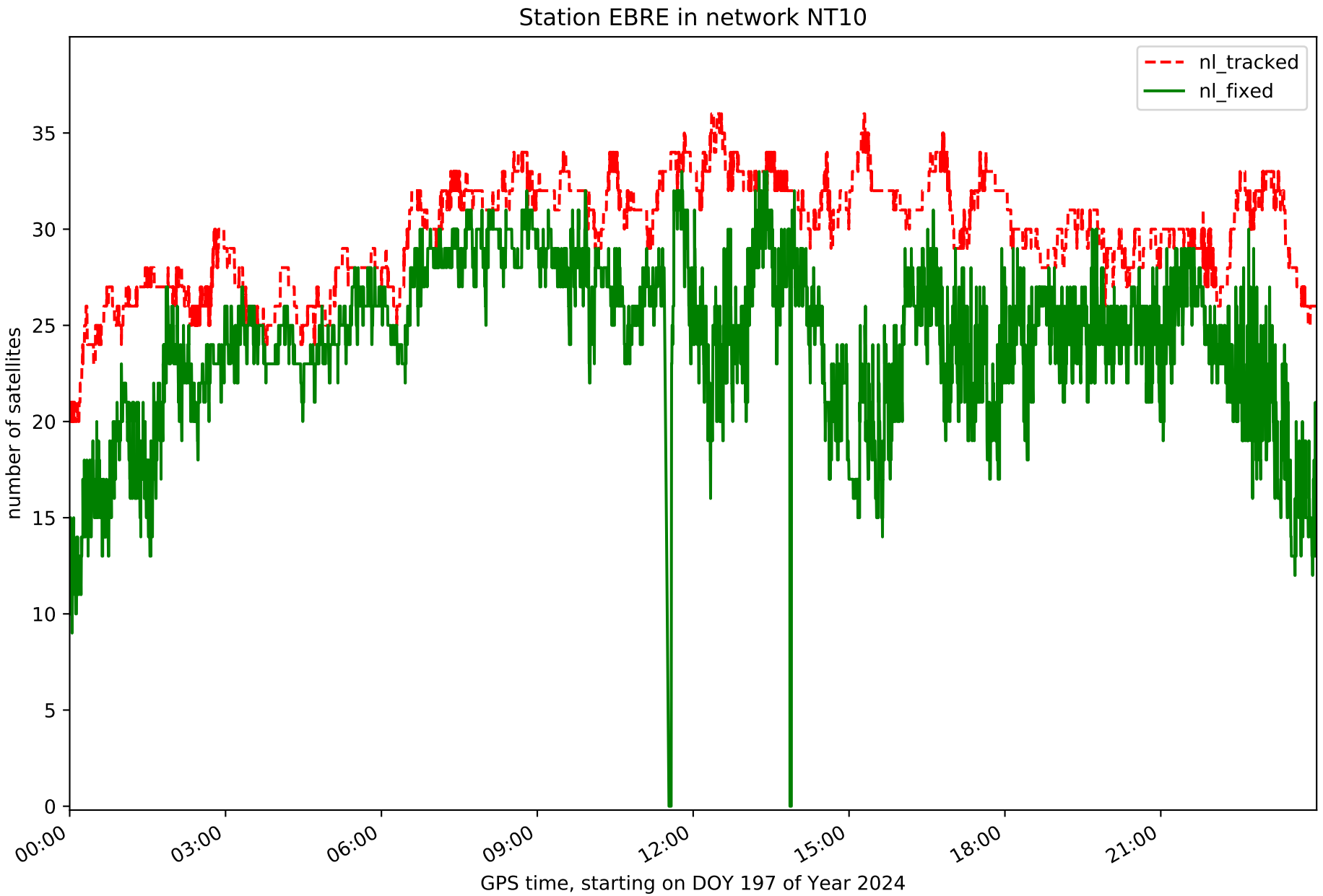

Station BCL1 in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

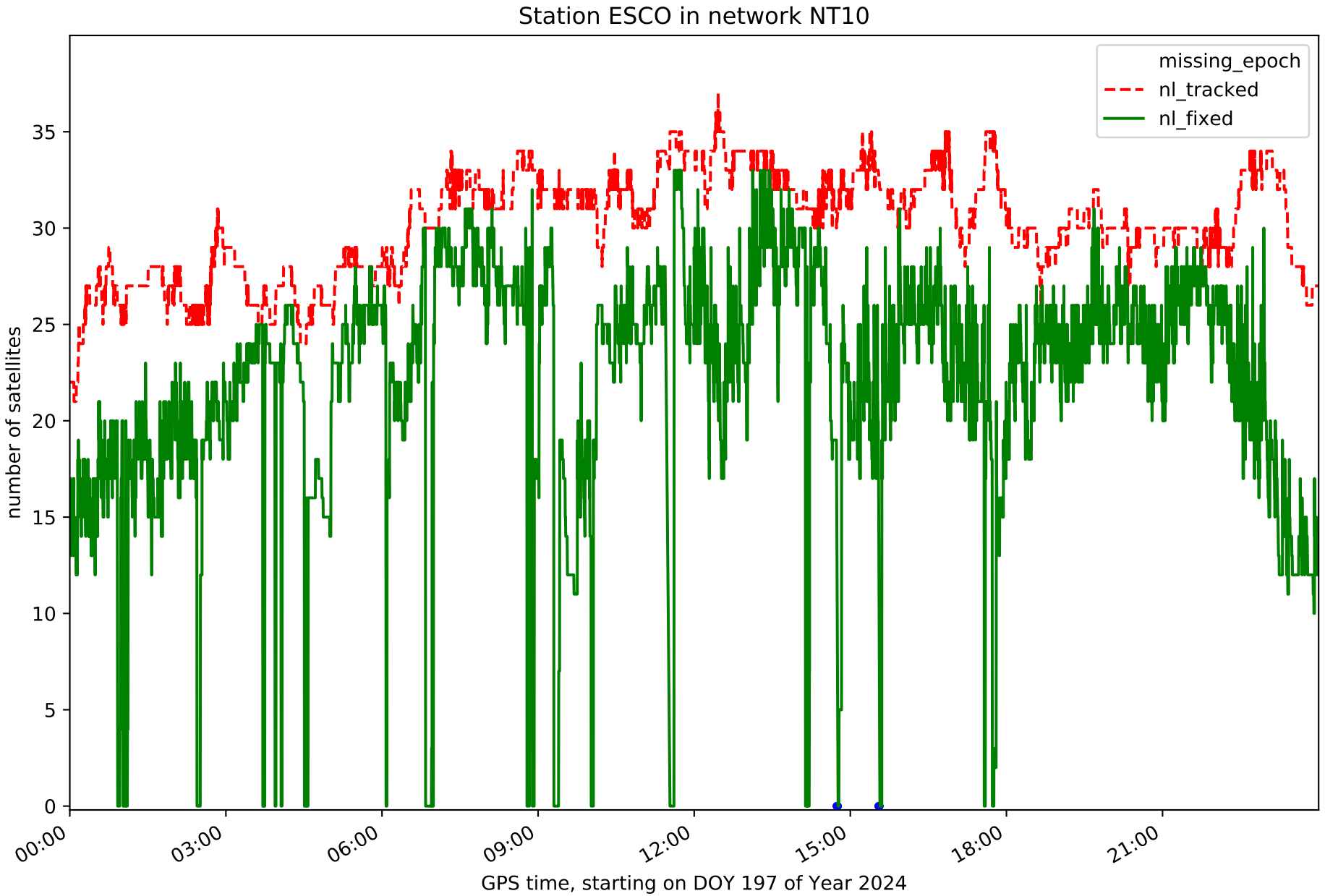

Station BCLN in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

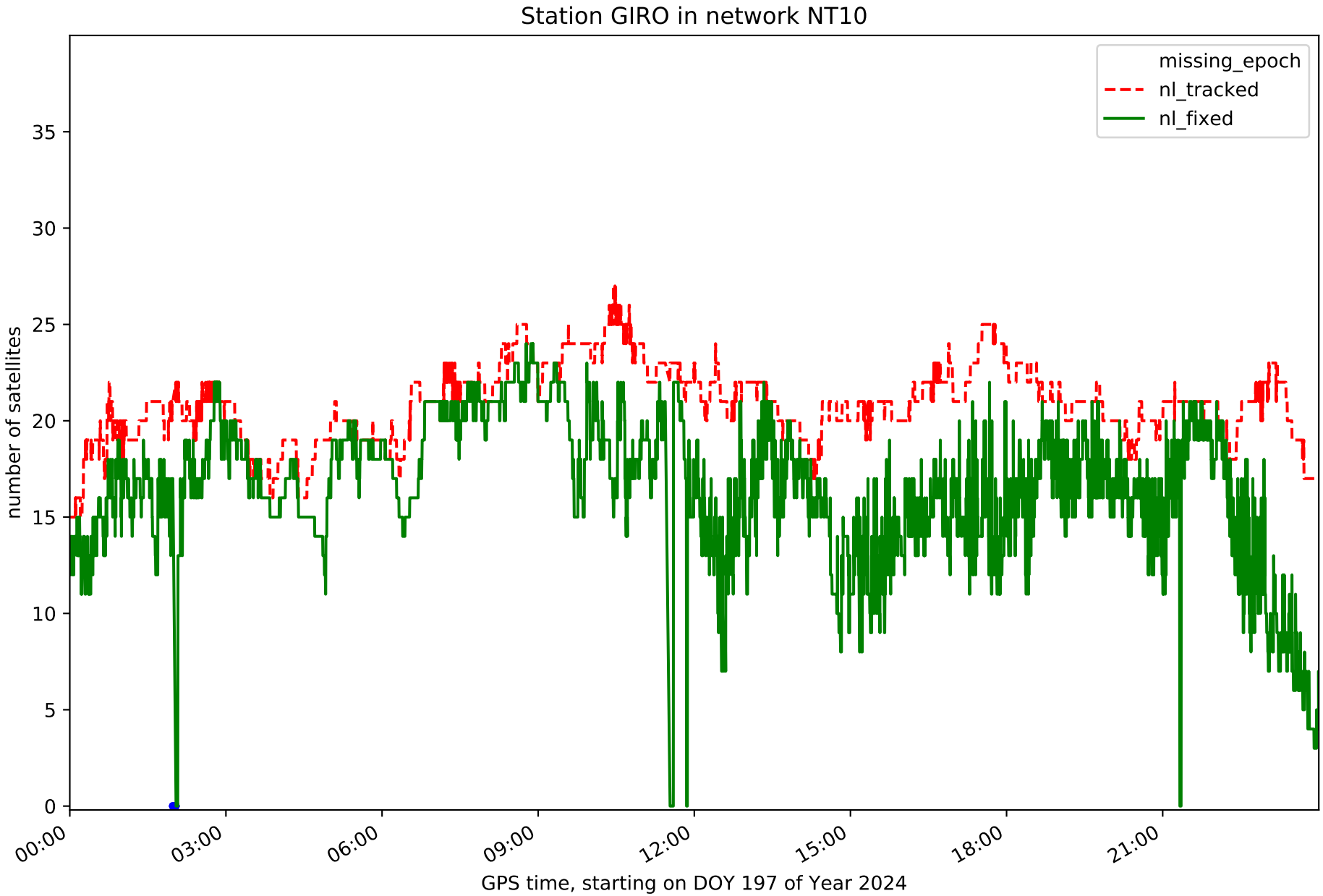

Station BELL in network NT10
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

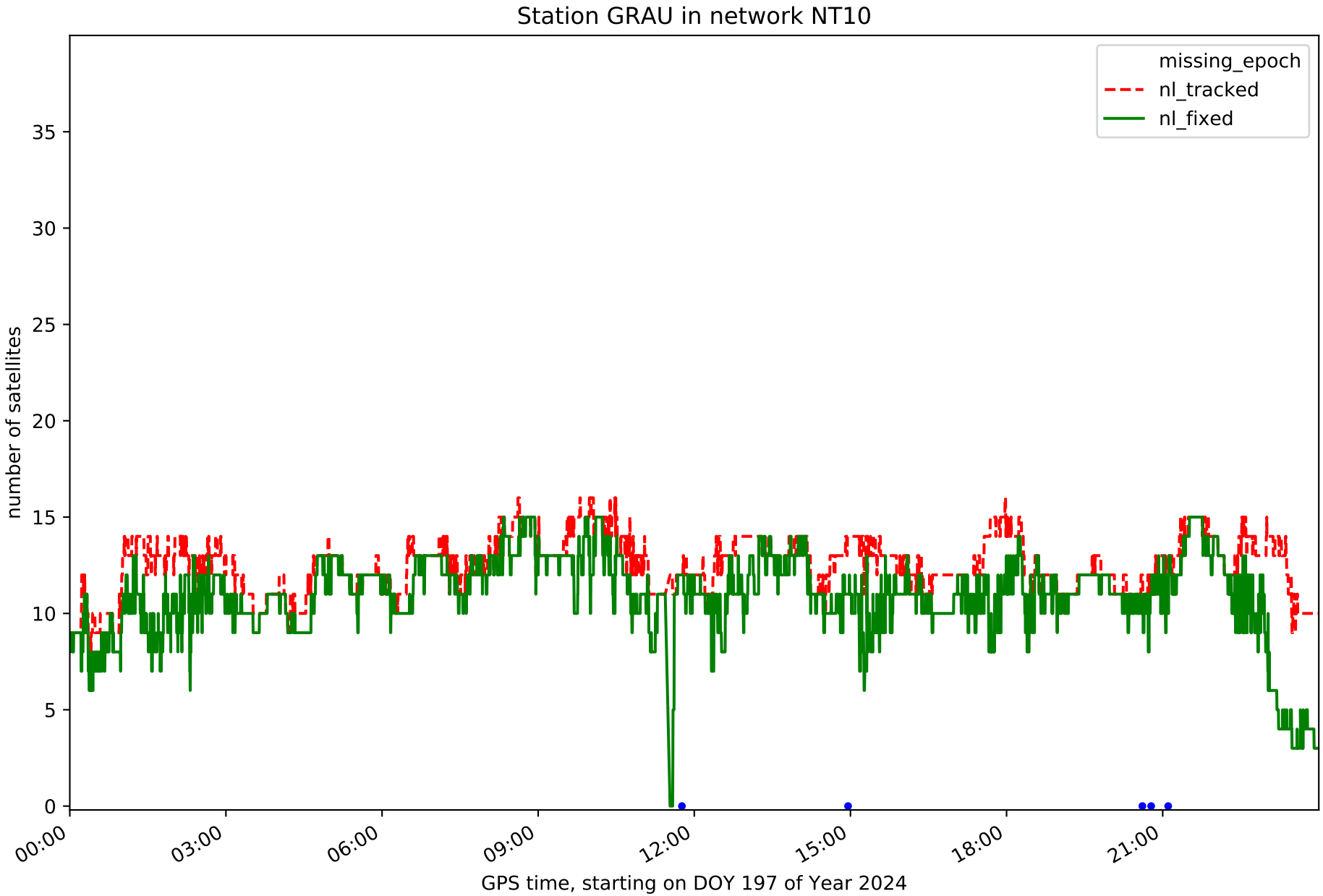

Station BERG in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

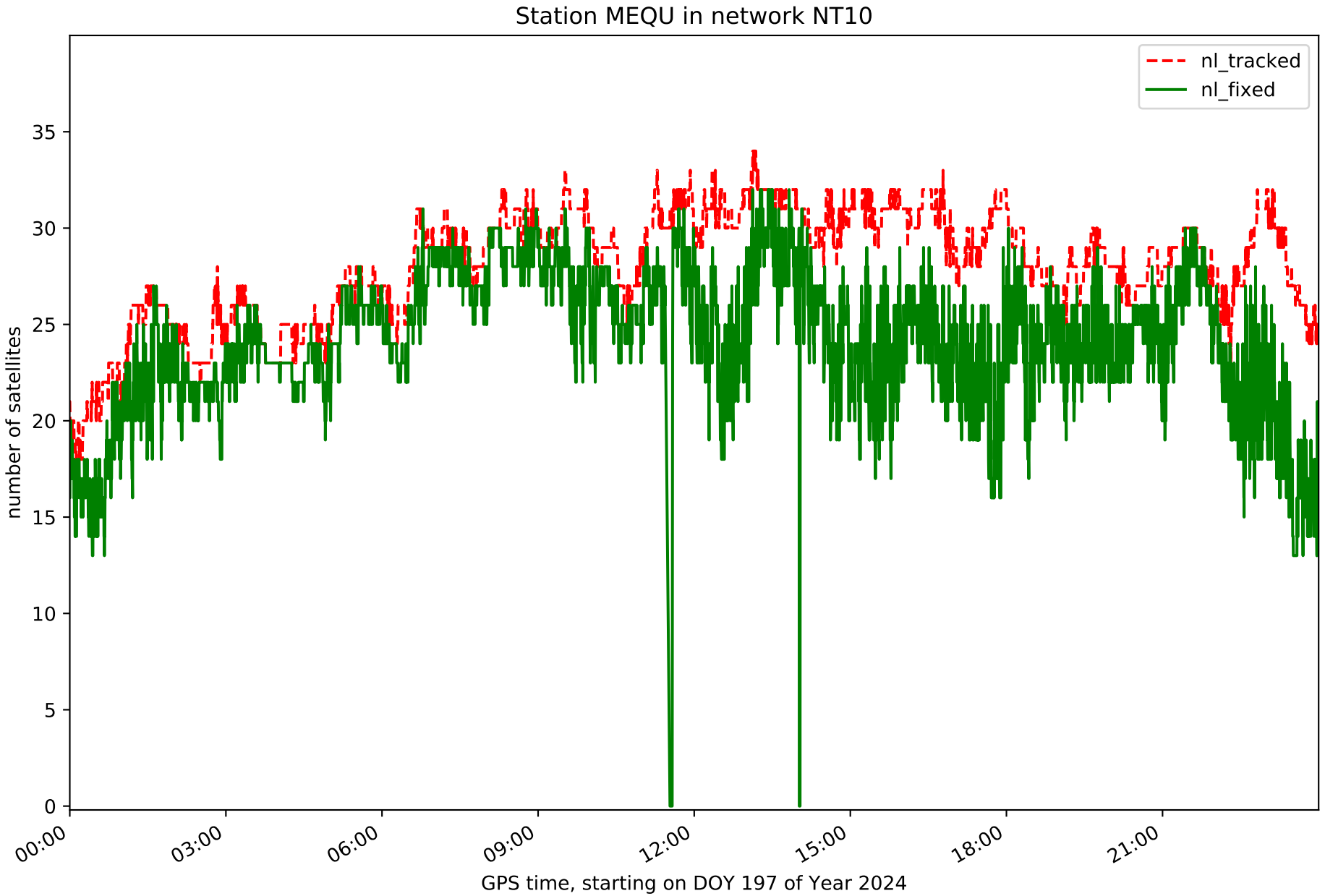

Station CREU in network NT10
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

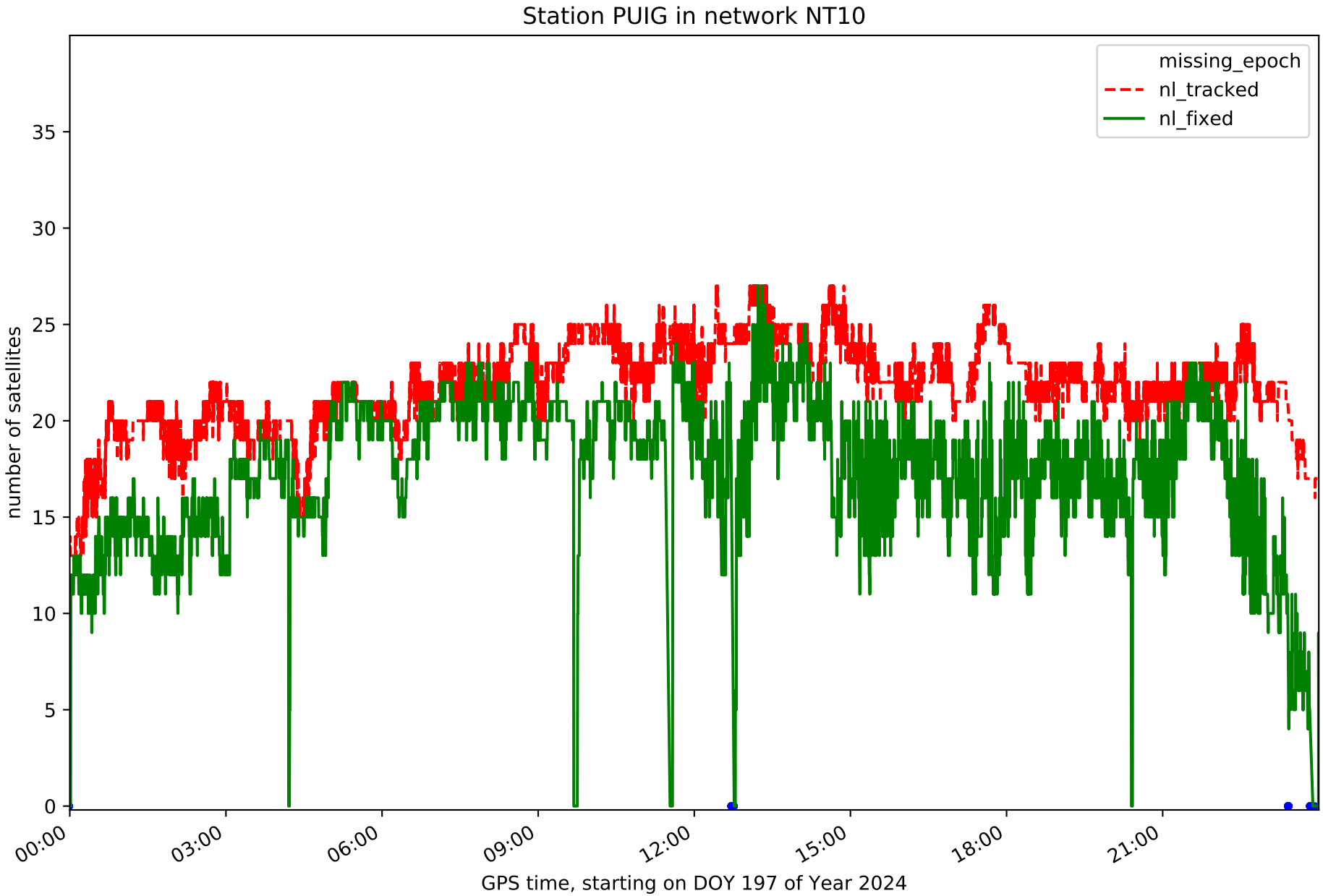

Station EBRE in network NT10
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

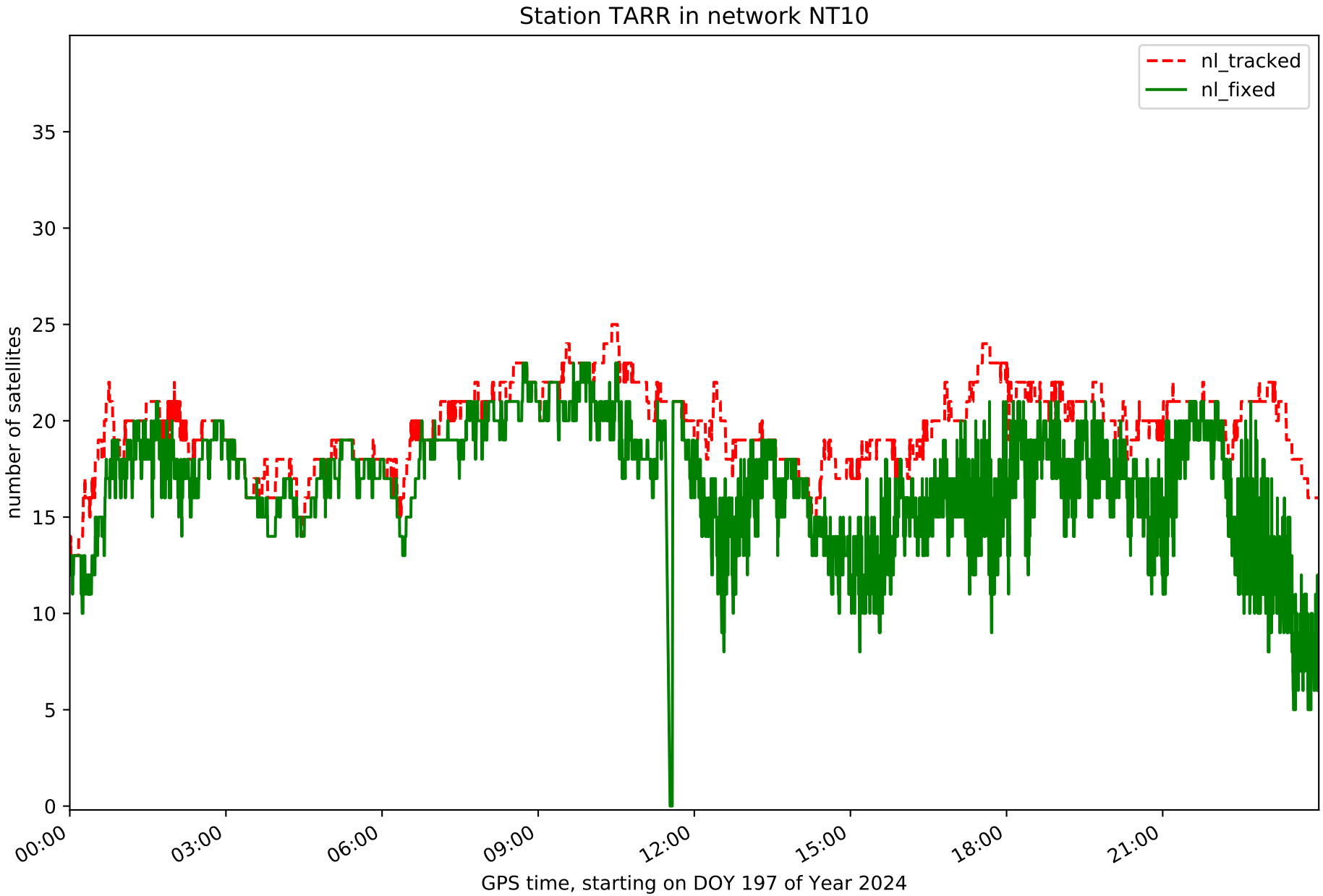

Station ESCO in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

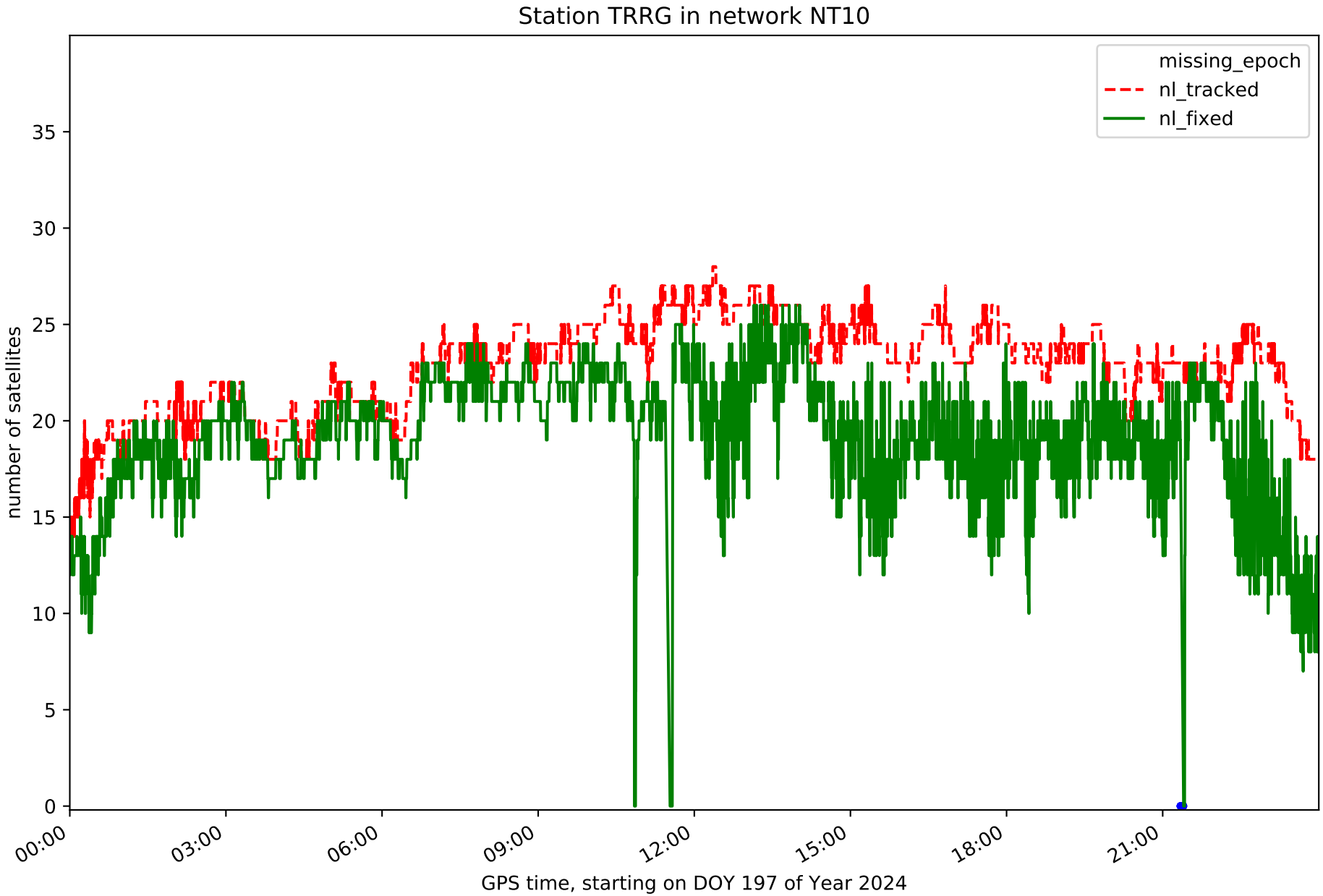

Station GIRO in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

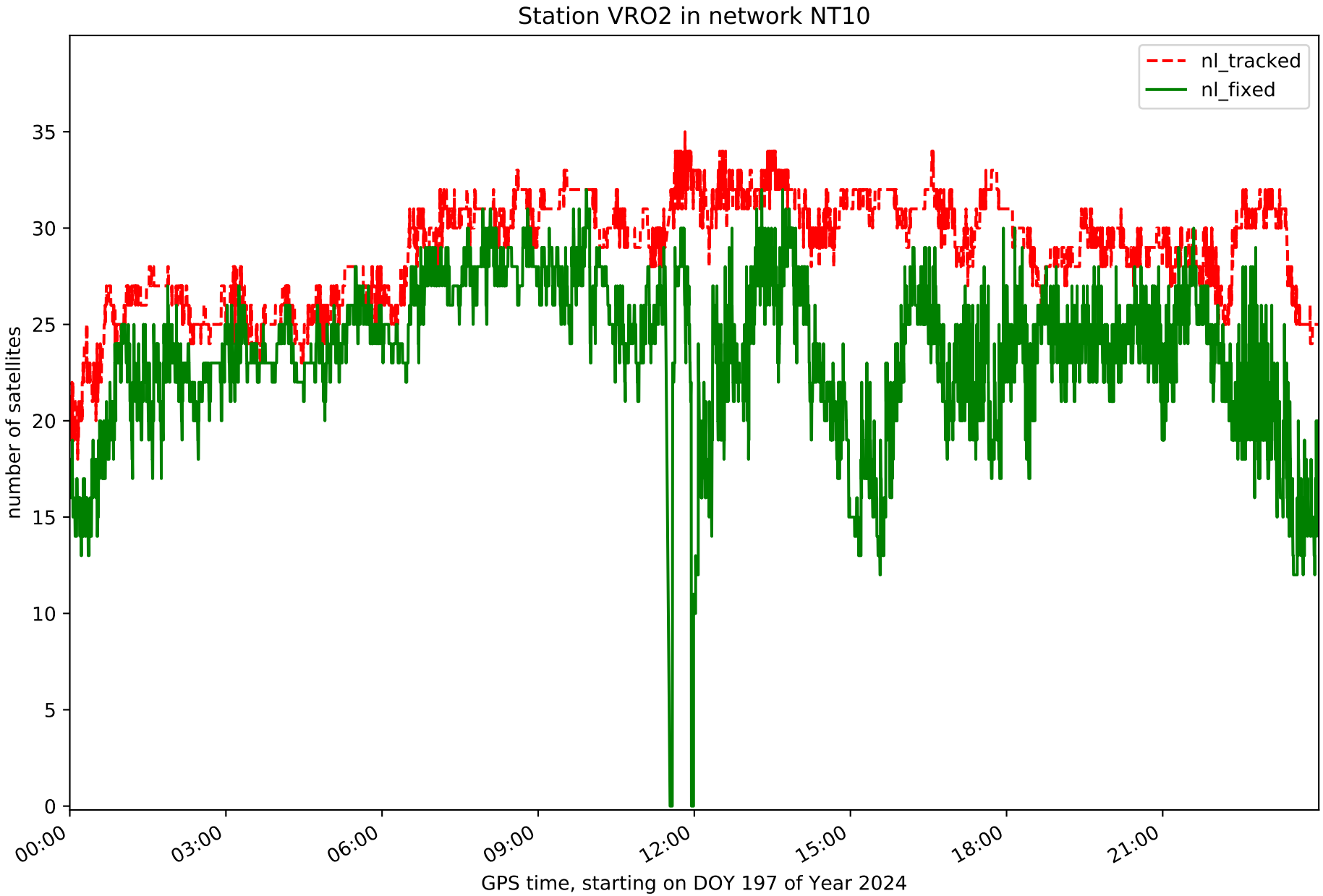

Station GRAU in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

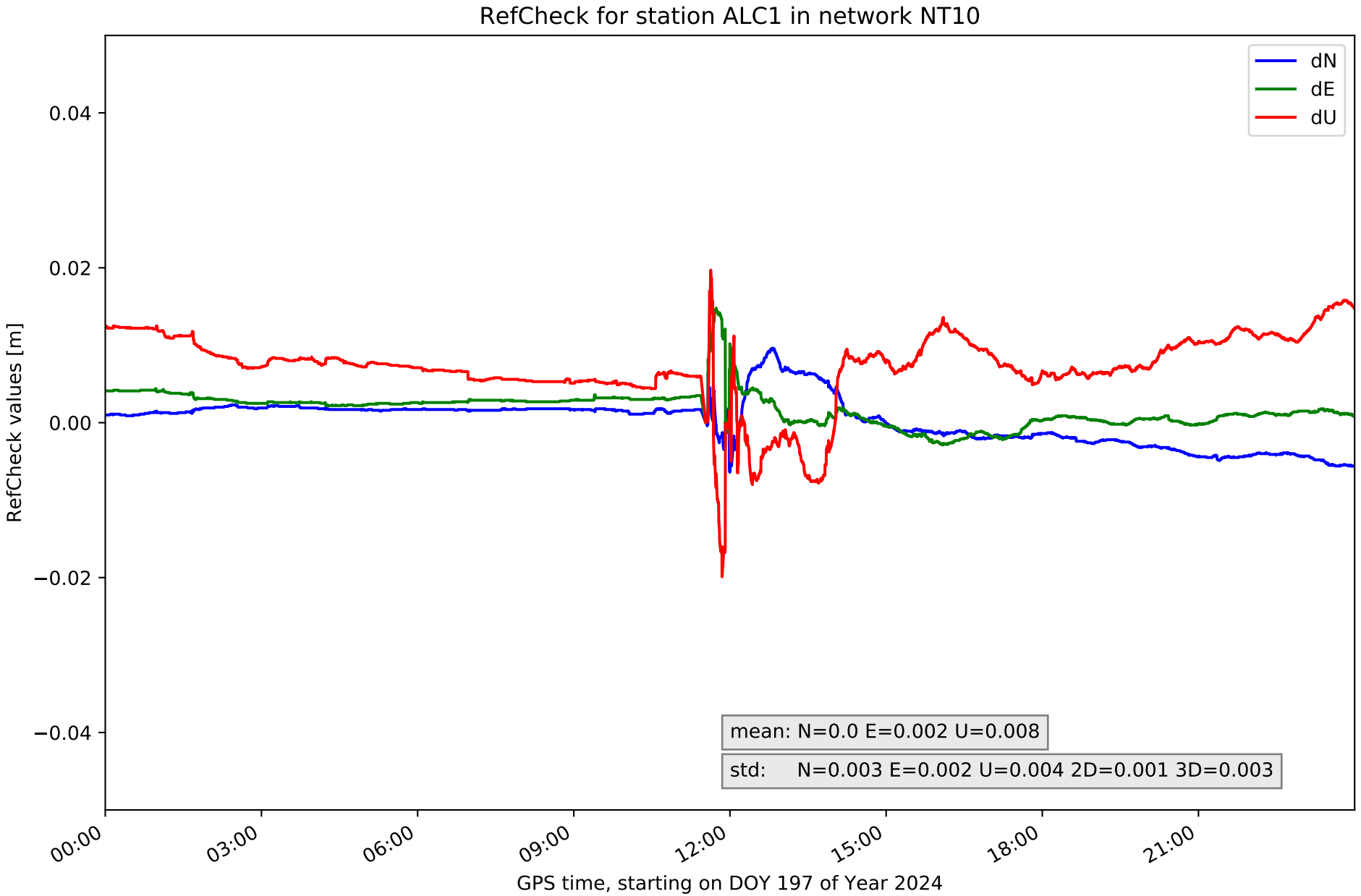

Station MEQU in network NT10
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

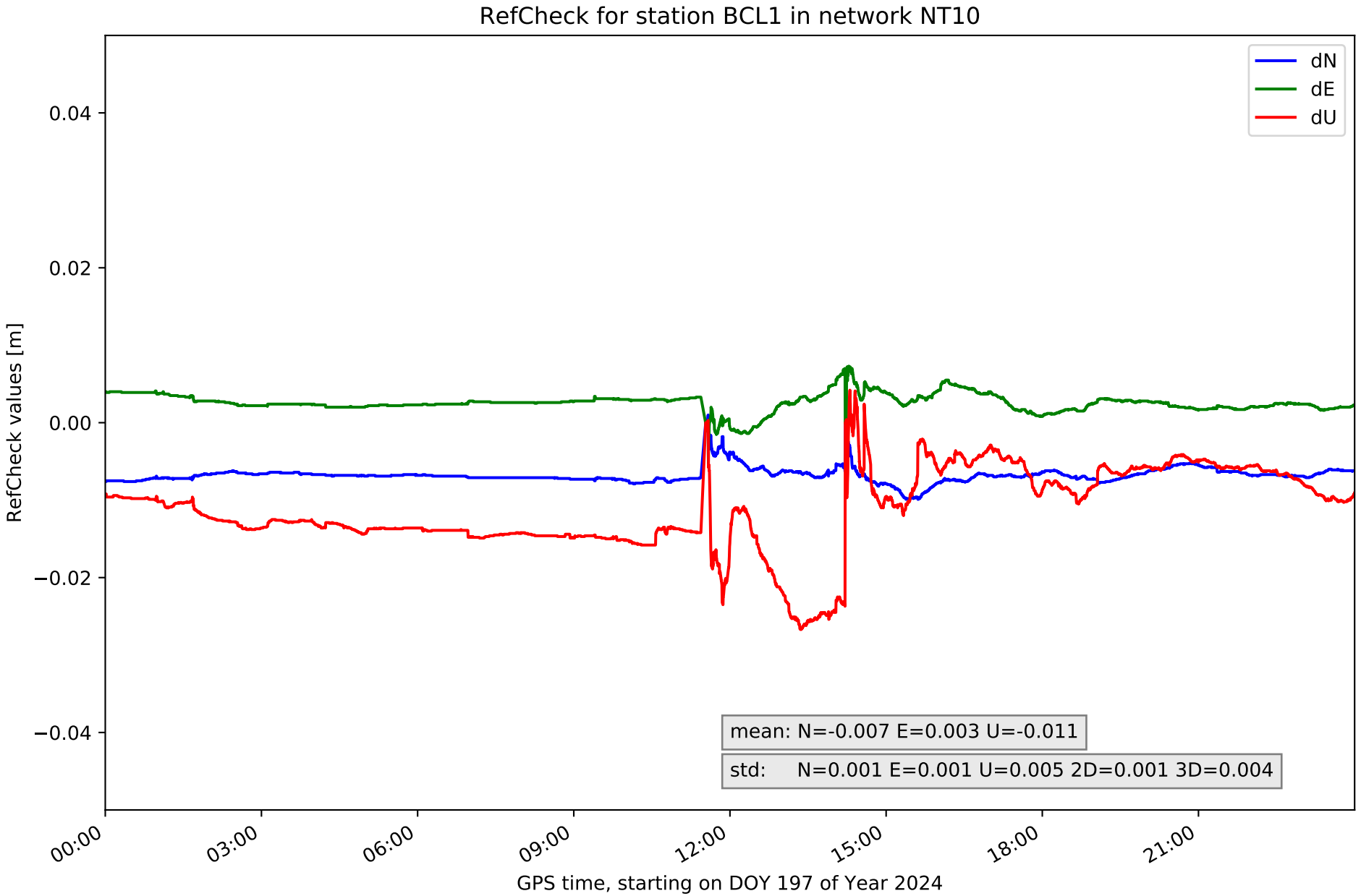

Station PUIG in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

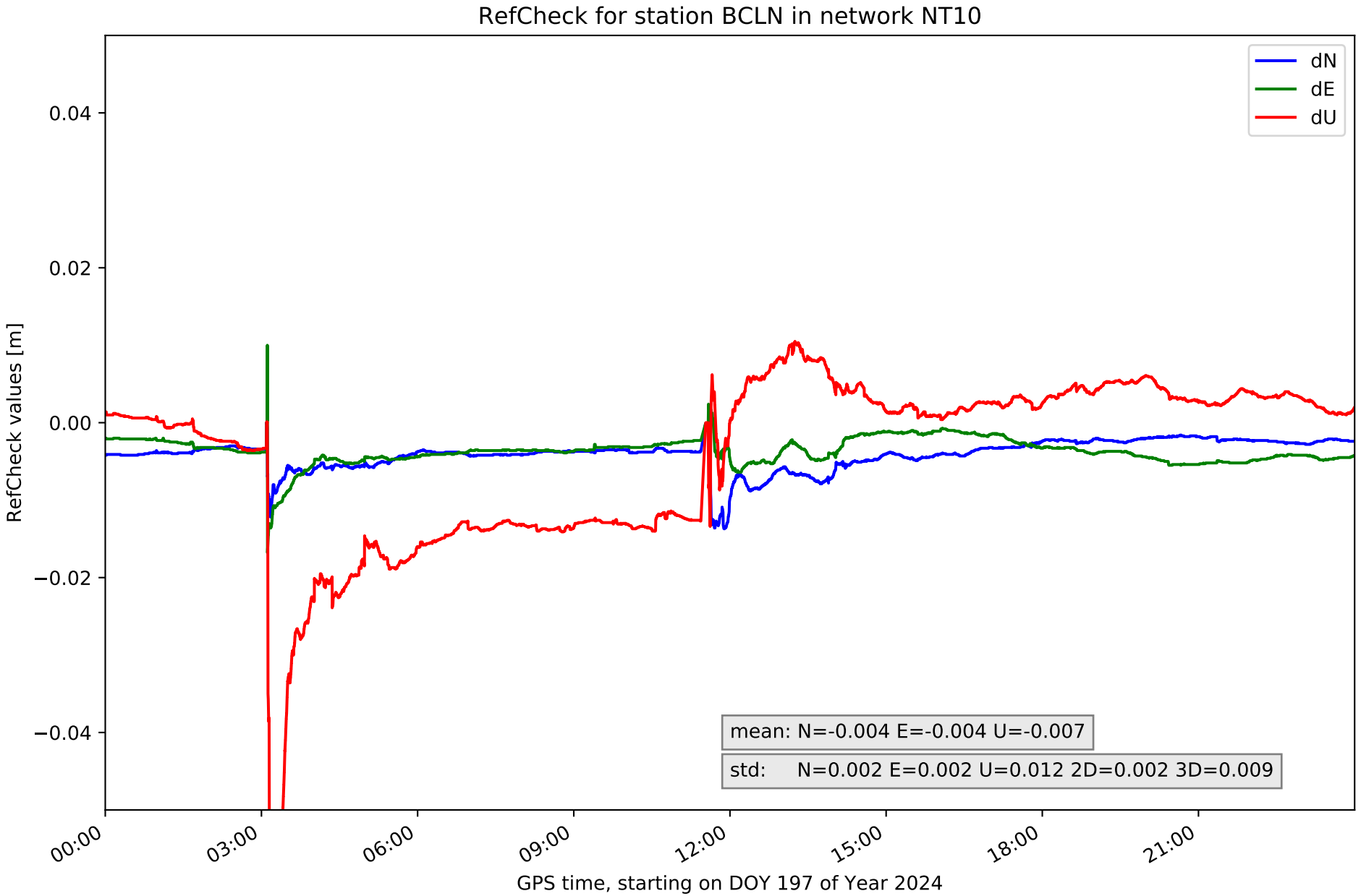

Station TARR in network NT10
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

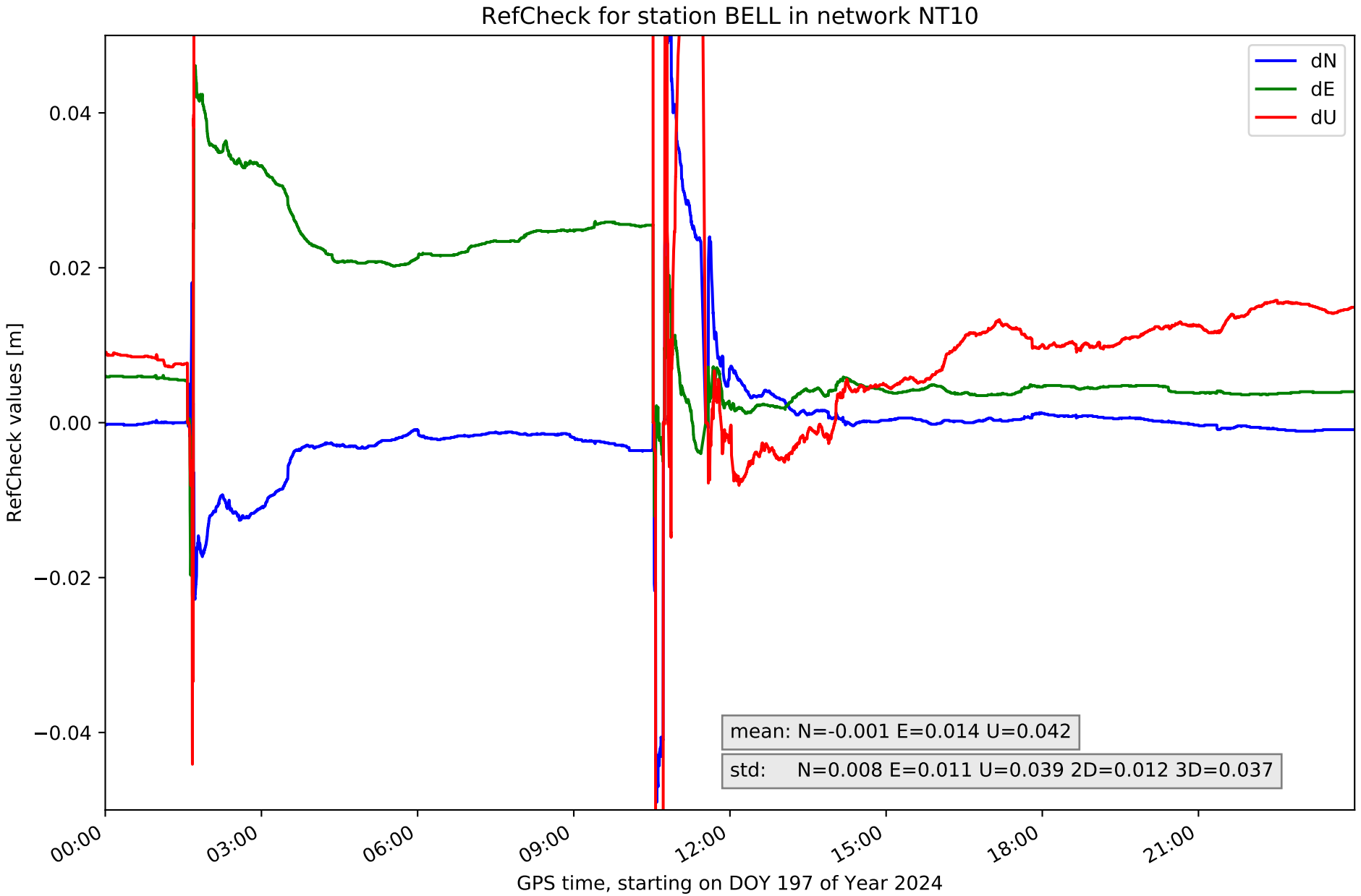

Station TRRG in network NT10
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

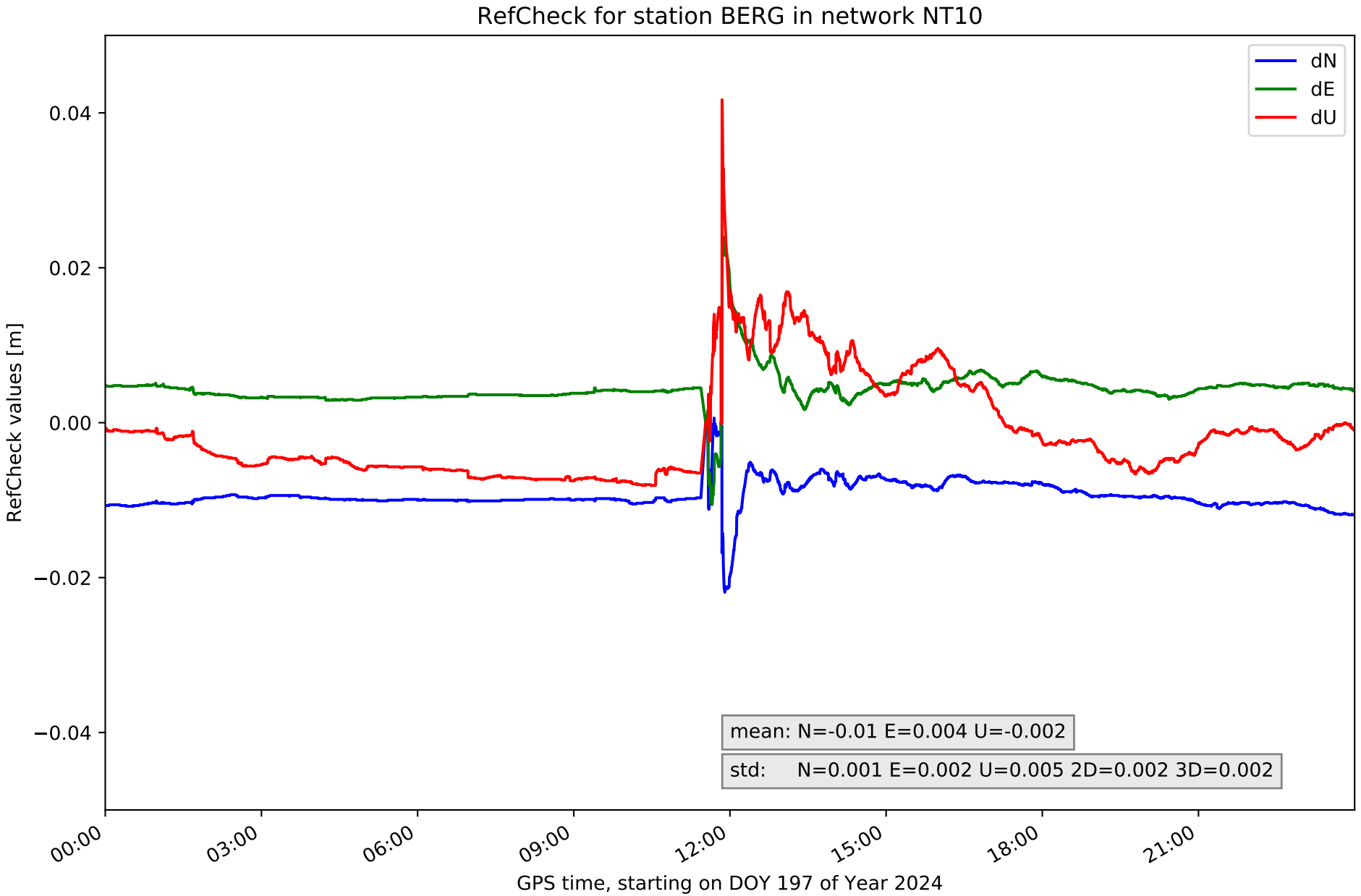

Station VRO2 in network NT10
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

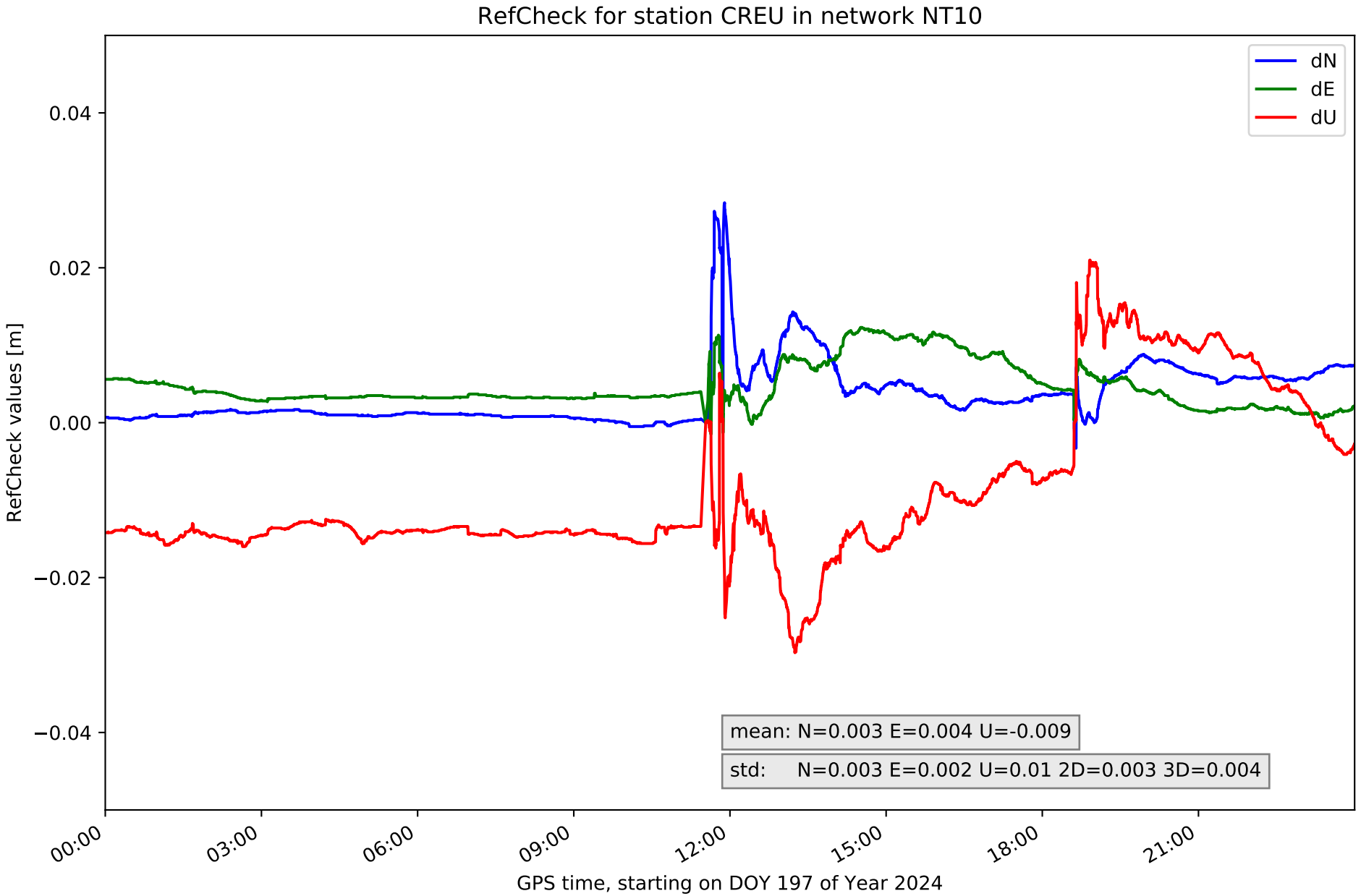

RefCheck for station ALC1 in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=0.002 U=0.008
std: N=0.003 E=0.002 U=0.004 2D=0.001 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

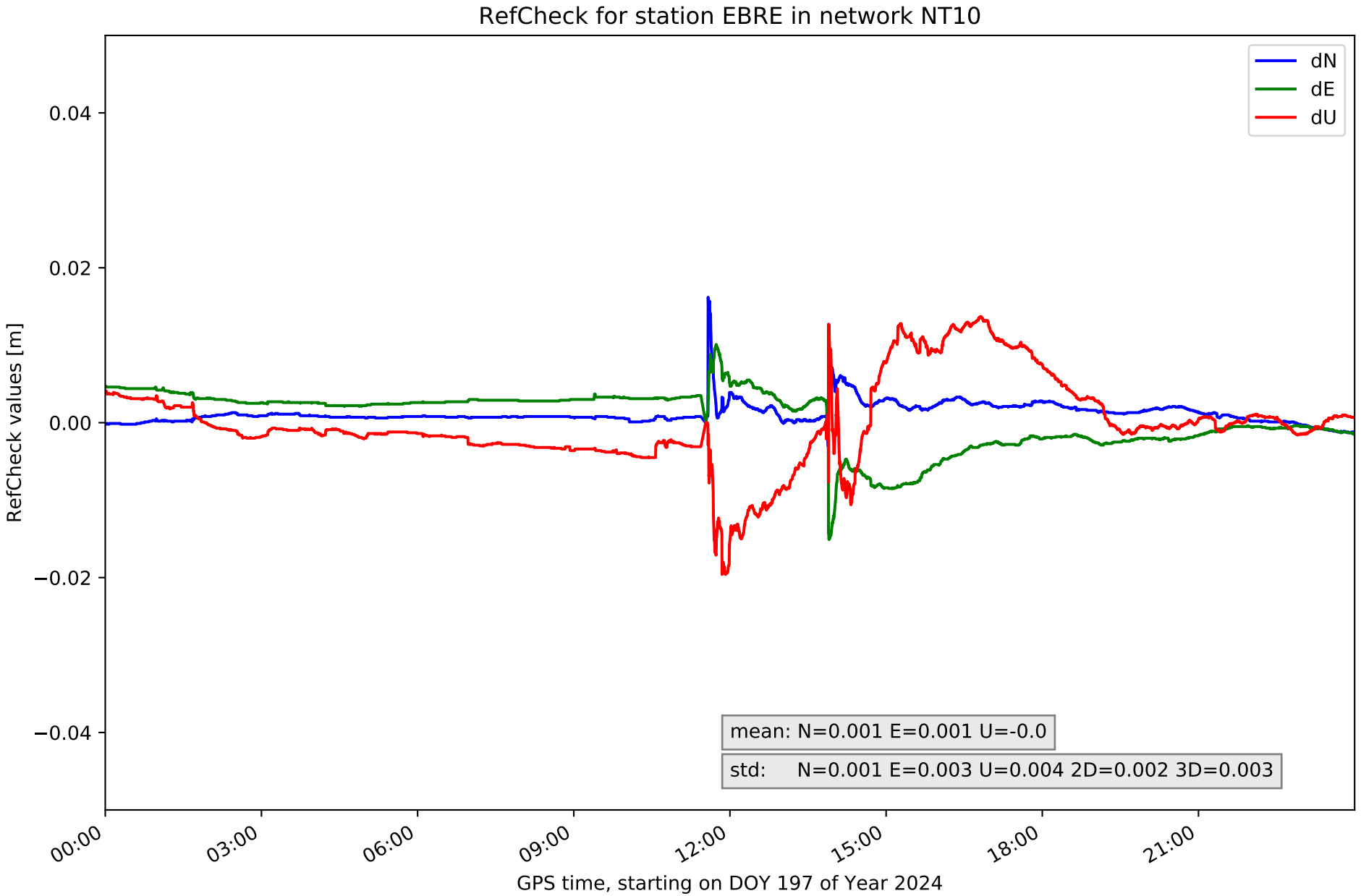

RefCheck for station BCL1 in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.007 E=0.003 U=-0.011
std: N=0.001 E=0.001 U=0.005 2D=0.001 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

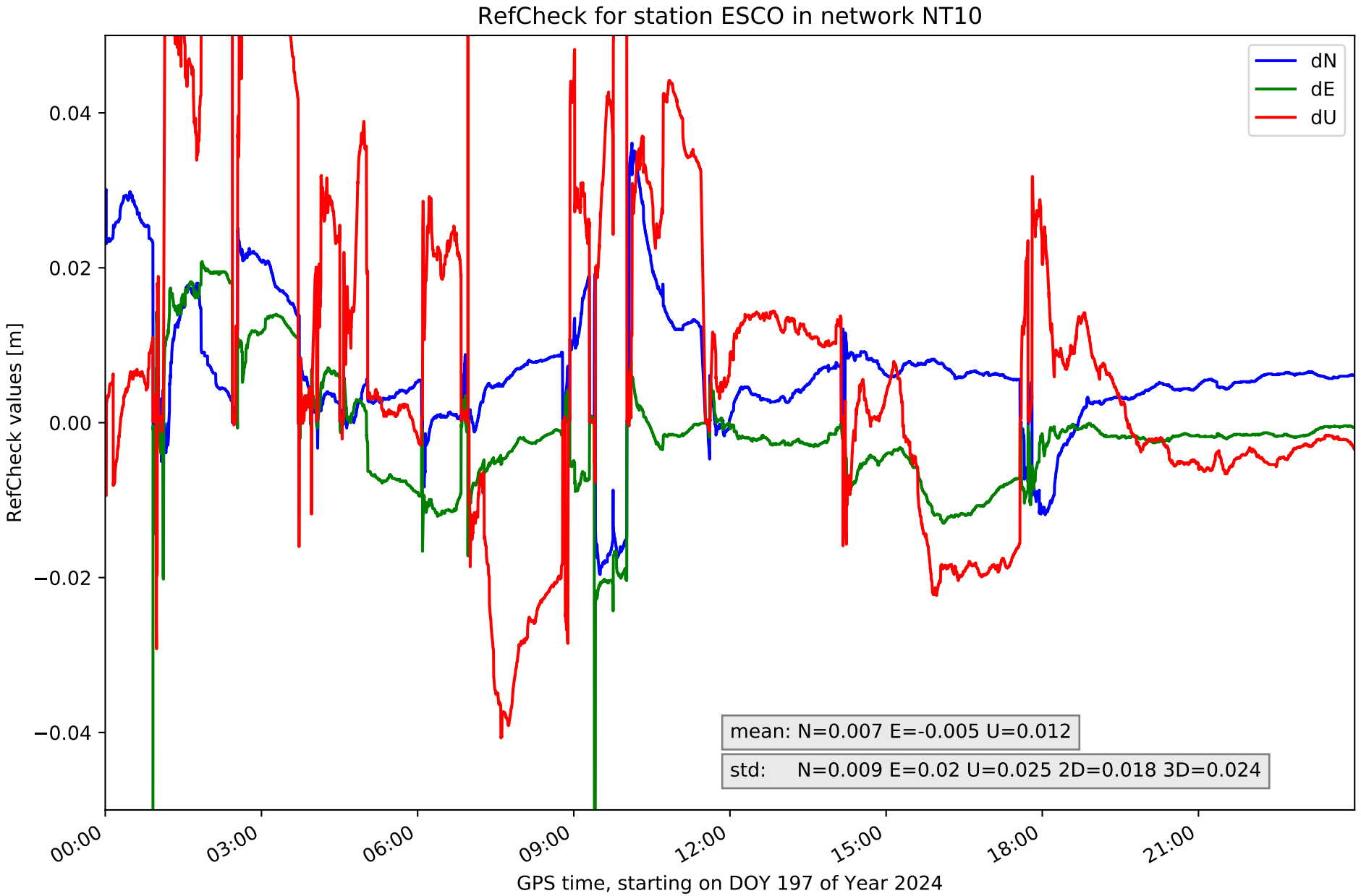

RefCheck for station BCLN in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=-0.004 U=-0.007
std: N=0.002 E=0.002 U=0.012 2D=0.002 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

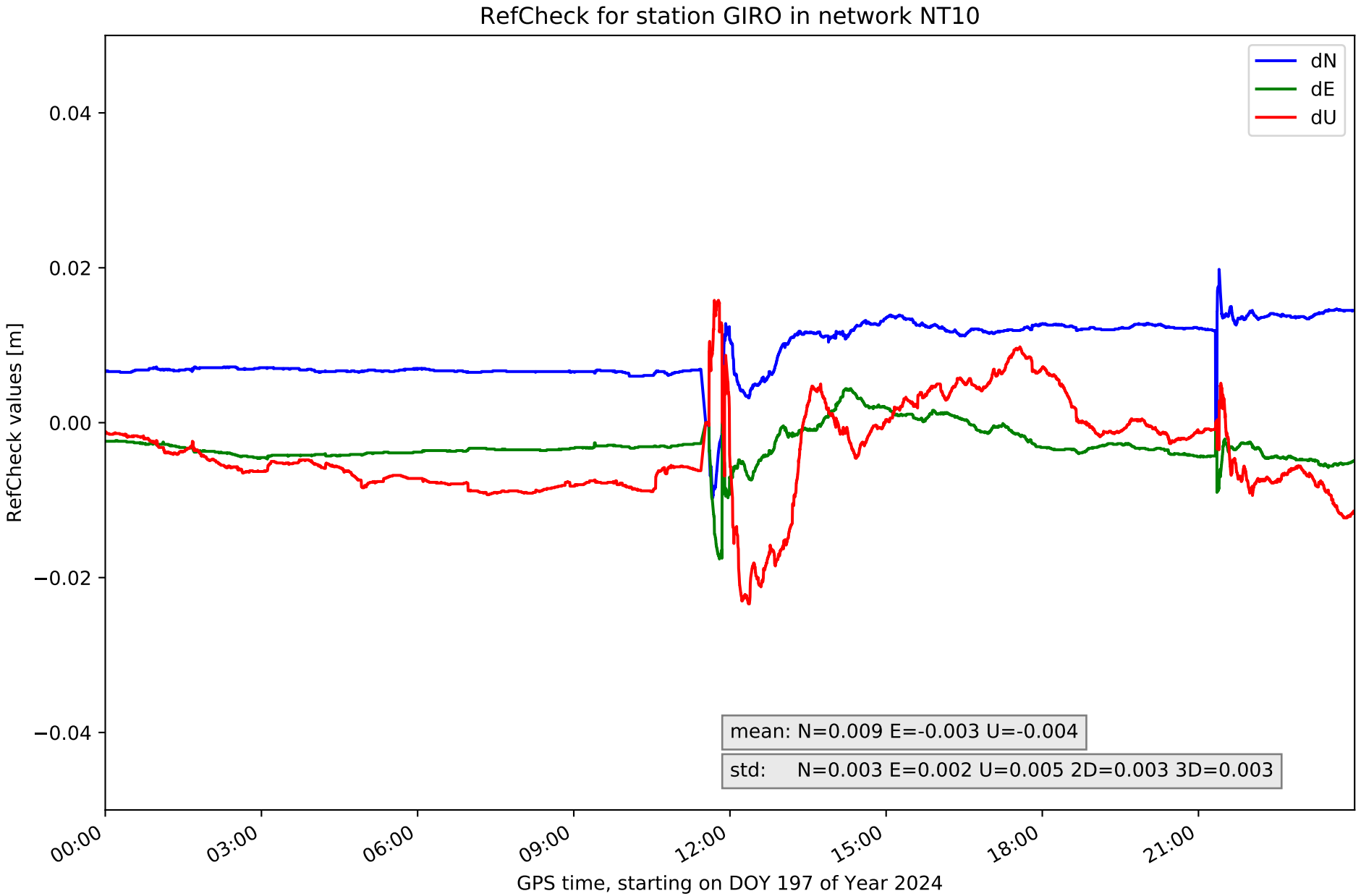

RefCheck for station BELL in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=0.014 U=0.042
std: N=0.008 E=0.011 U=0.039 2D=0.012 3D=0.037
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

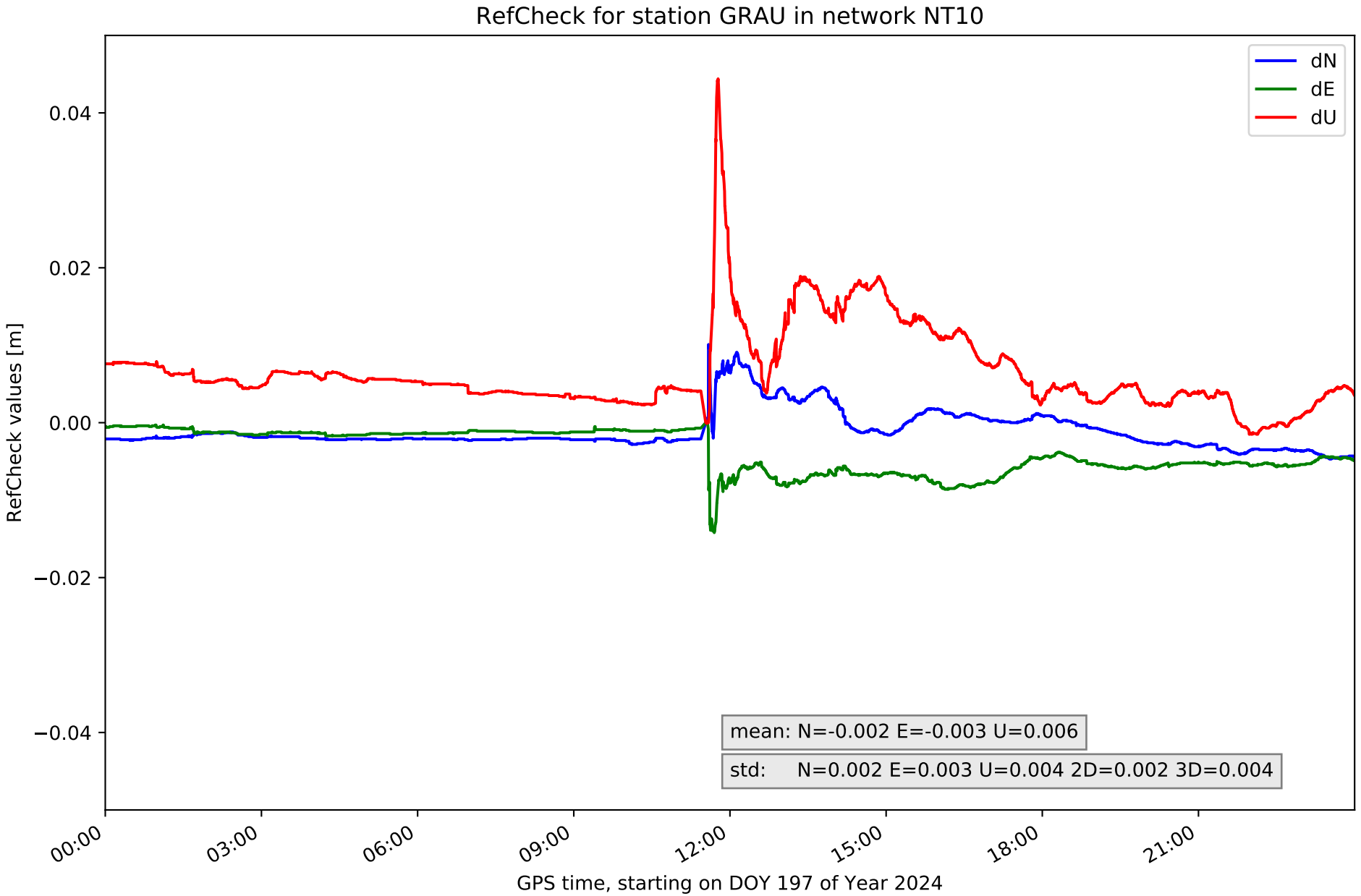

RefCheck for station BERG in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.01 E=0.004 U=-0.002
std: N=0.001 E=0.002 U=0.005 2D=0.002 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

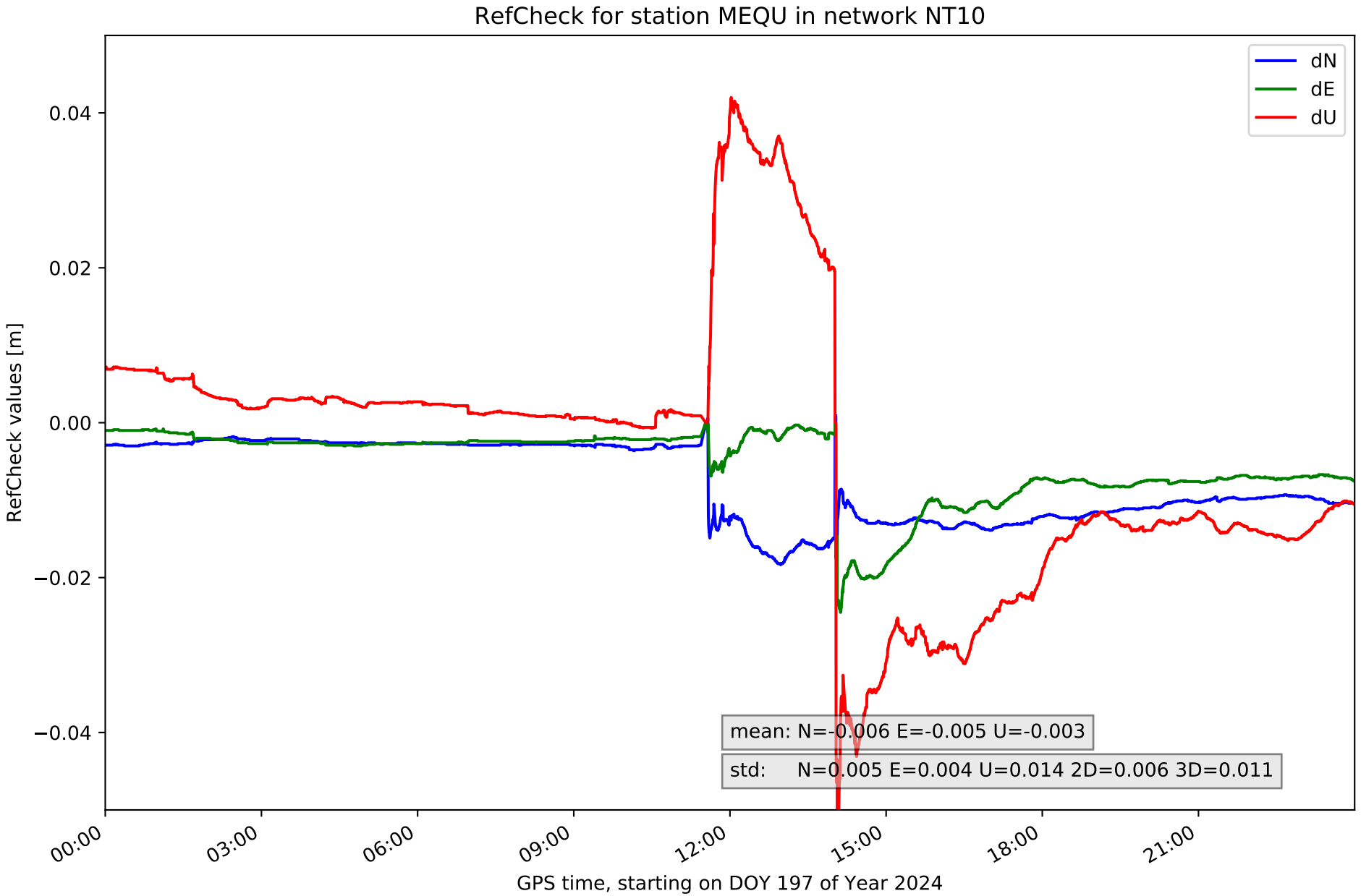

RefCheck for station CREU in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=0.004 U=-0.009
std: N=0.003 E=0.002 U=0.01 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

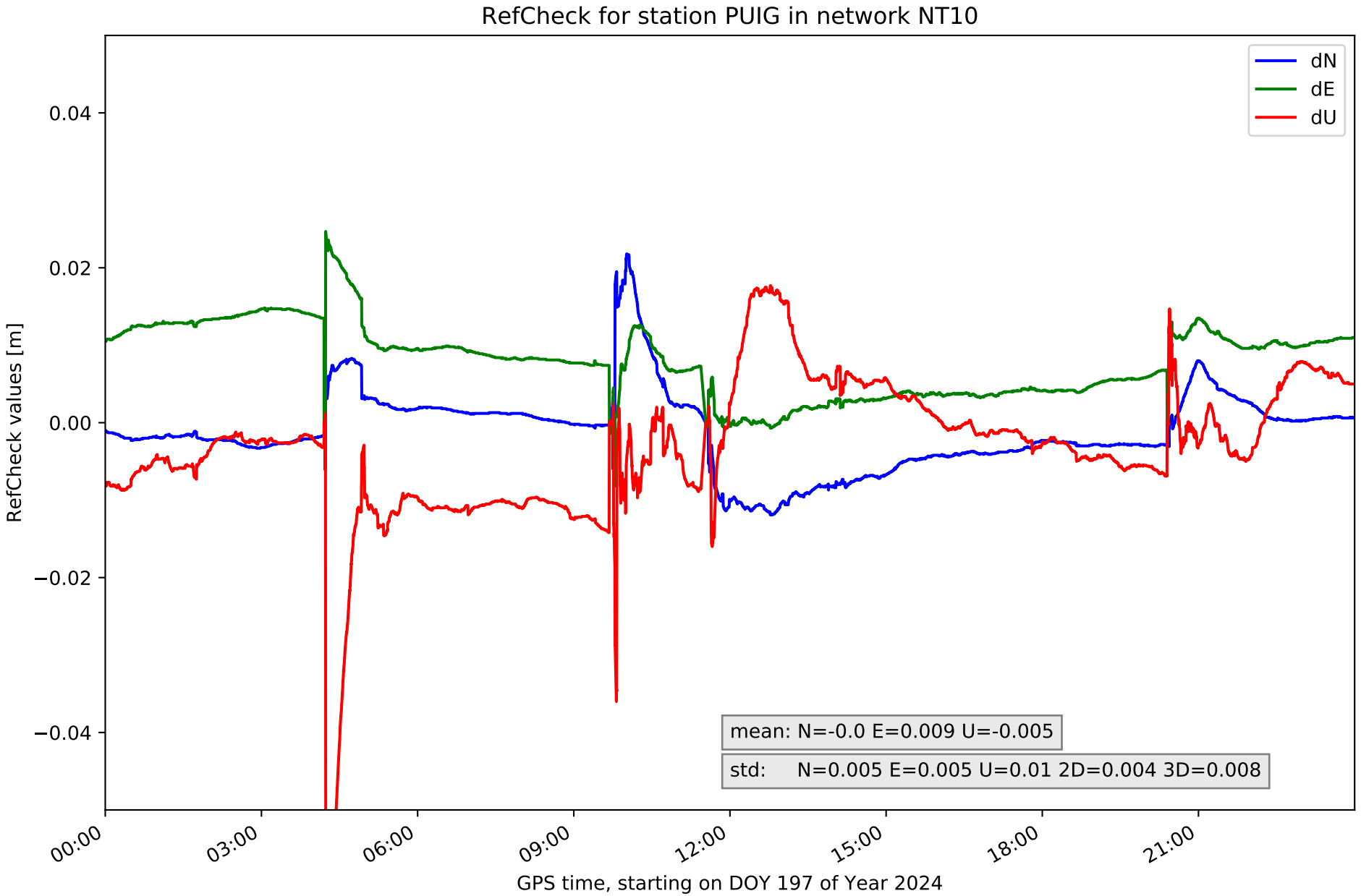

RefCheck for station EBRE in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.001 U=-0.0
std: N=0.001 E=0.003 U=0.004 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

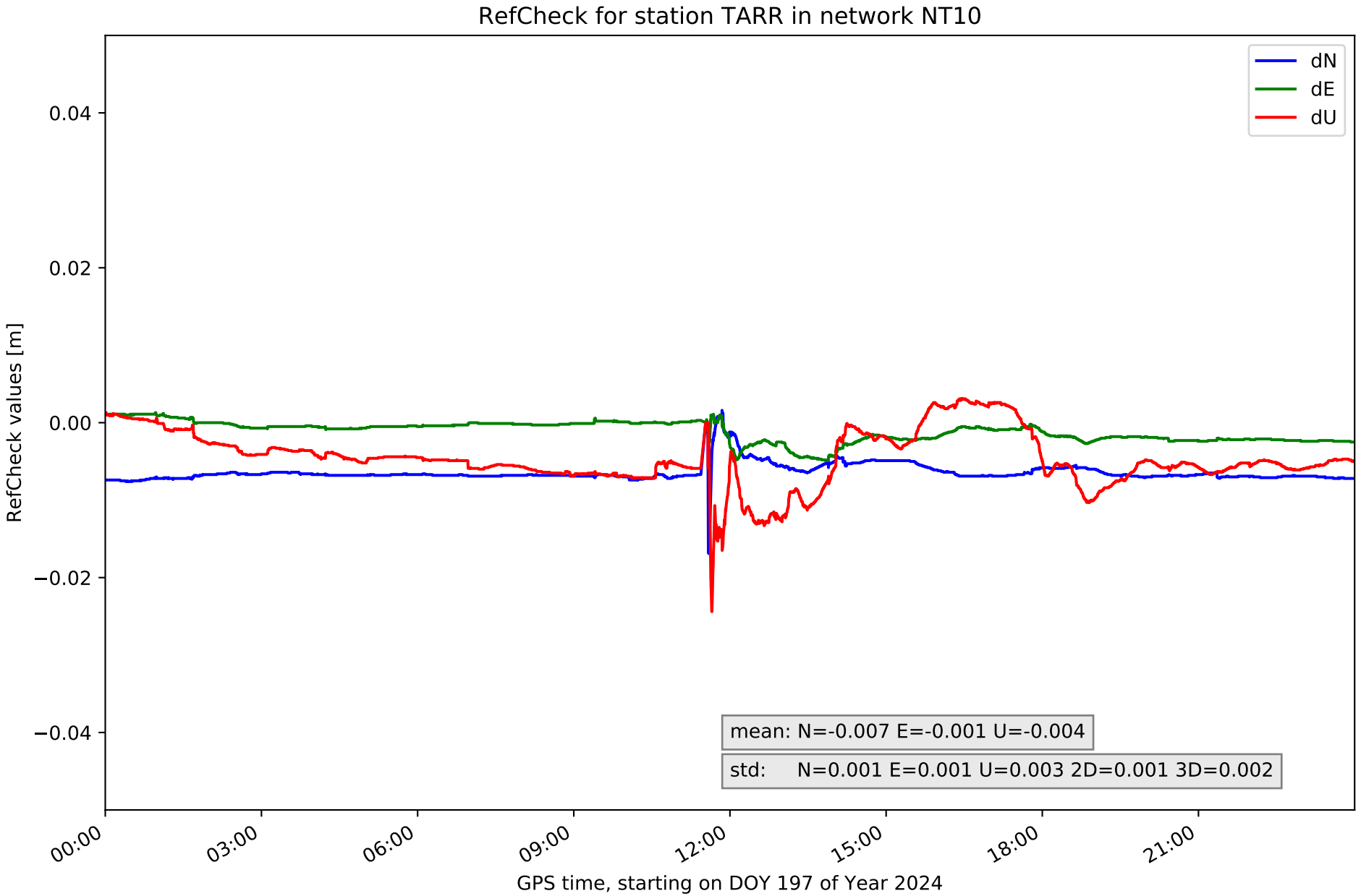

RefCheck for station ESCO in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.007 E=-0.005 U=0.012
std: N=0.009 E=0.02 U=0.025 2D=0.018 3D=0.024
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

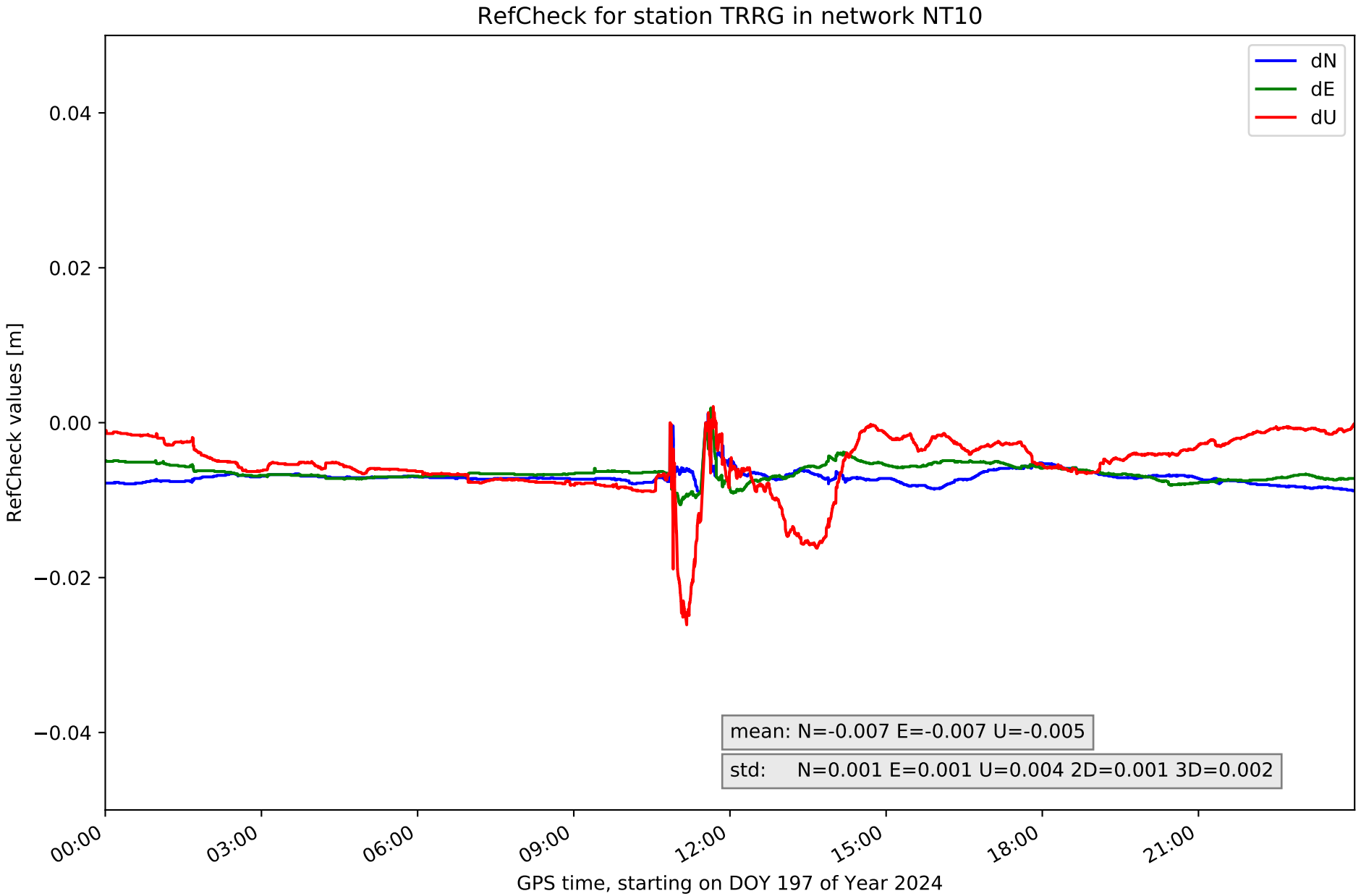

RefCheck for station GIRO in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.009 E=-0.003 U=-0.004
std: N=0.003 E=0.002 U=0.005 2D=0.003 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

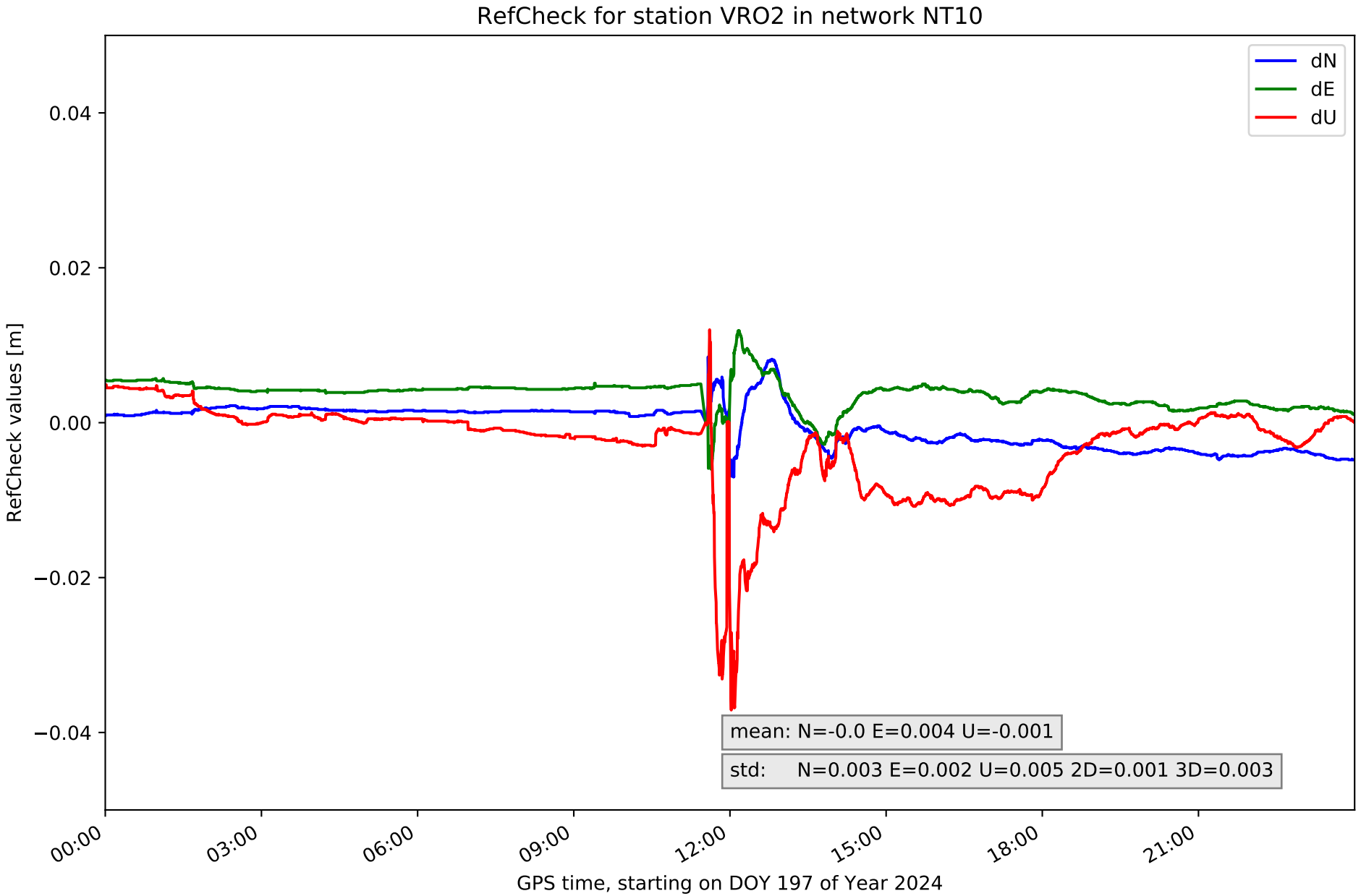

RefCheck for station GRAU in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.003 U=0.006
std: N=0.002 E=0.003 U=0.004 2D=0.002 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024


RefCheck for station MEQU in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.006 E=-0.005 U=-0.003
std: N=0.005 E=0.004 U=0.014 2D=0.006 3D=0.011
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024


RefCheck for station PUIG in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=0.009 U=-0.005
std: N=0.005 E=0.005 U=0.01 2D=0.004 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024


RefCheck for station TARR in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.007 E=-0.001 U=-0.004
std: N=0.001 E=0.001 U=0.003 2D=0.001 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024


RefCheck for station TRRG in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.007 E=-0.007 U=-0.005
std: N=0.001 E=0.001 U=0.004 2D=0.001 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024


RefCheck for station VRO2 in network NT10
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=0.004 U=-0.001
std: N=0.003 E=0.002 U=0.005 2D=0.001 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 197 of Year 2024

RefCheck values for network NT10

Station	Nmin	Nmax	Nstd	Emin	Emax	Estd	Umin	Umax	Ustd	std2D	std3D	#2D > 0.01	% 2D > 0.01	#3D > 0.02	% 3D > 0.02
ALC1	-0.006	0.01	0.003	-0.003	0.015	0.002	-0.02	0.02	0.004	0.001	0.003	397	0.9	149	0.3
BCL1	-0.01	0.001	0.001	-0.005	0.007	0.001	-0.027	0.004	0.005	0.001	0.004	211	0.5	2194	4.7
BCLN	-0.014	0.0	0.002	-0.017	0.01	0.002	-0.066	0.011	0.012	0.002	0.009	1808	3.9	6124	13.2
BELL	**-0.049**	**0.054**	0.008	-0.022	**0.046**	0.011	**-0.208**	**0.092**	**0.039**	0.012	**0.037**	23645	50.8	**23378**	**50.2**
BERG	-0.022	0.001	0.001	-0.011	0.024	0.002	-0.008	0.042	0.005	0.002	0.002	**38199**	**82.1**	375	0.8
CREU	-0.003	0.028	0.003	-0.002	0.012	0.002	-0.03	0.021	0.01	0.003	0.004	4917	10.6	2924	6.3
EBRE	-0.003	0.016	0.001	-0.015	0.01	0.003	-0.02	0.014	0.004	0.002	0.003	425	0.9	86	0.2
ESCO	-0.02	0.036	**0.009**	**-0.078**	0.021	**0.02**	-0.041	0.086	0.025	**0.018**	0.024	18921	40.7	22763	48.9
GIRO	-0.01	0.02	0.003	-0.018	0.004	0.002	-0.023	0.016	0.005	0.003	0.003	17224	37.0	591	1.3
GRAU	-0.005	0.01	0.002	-0.014	0.0	0.003	-0.002	0.044	0.004	0.002	0.004	523	1.1	634	1.4
MEQU	-0.018	0.001	0.005	-0.025	0.0	0.004	-0.059	0.042	0.014	0.006	0.011	18102	38.9	8107	17.4
PUIG	-0.012	0.022	0.005	-0.008	0.025	0.005	-0.058	0.018	0.01	0.004	0.008	23771	51.1	3546	7.6
TARR	-0.017	0.002	0.001	-0.005	0.001	0.001	-0.024	0.003	0.003	0.001	0.002	32	0.1	57	0.1
TRRG	-0.009	0.001	0.001	-0.011	0.002	0.001	-0.026	0.002	0.004	0.001	0.002	12773	27.4	678	1.5
VRO2	-0.007	0.009	0.003	-0.006	0.012	0.002	-0.037	0.012	0.005	0.001	0.003	336	0.7	706	1.5
Mean	**-0.014**	**0.014**	**0.003**	**-0.016**	**0.013**	**0.004**	**-0.043**	**0.028**	**0.01**	**0.004**	**0.008**	**10752.3**	**23.1**	**4820.8**	**10.4**
Min/Max	**-0.049**	**0.054**	**0.009**	**-0.078**	**0.046**	**0.02**	**-0.208**	**0.092**	**0.039**	**0.018**	**0.037**	**38199**	**82.1**	**23378**	**50.2**

fixing statistic for network NT10

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	84.6	89.8	85.0	78.9	82.8
considering satellites with dual-frequency fixed	81.4	85.9	81.3	74.8	81.6
considering all signals separately	81.1	85.8	81.3	75.2	81.0