summary for network NT31

timeperiod chosen: from 2026-02-26-00:00:00 until 2026-02-26-23:59:59

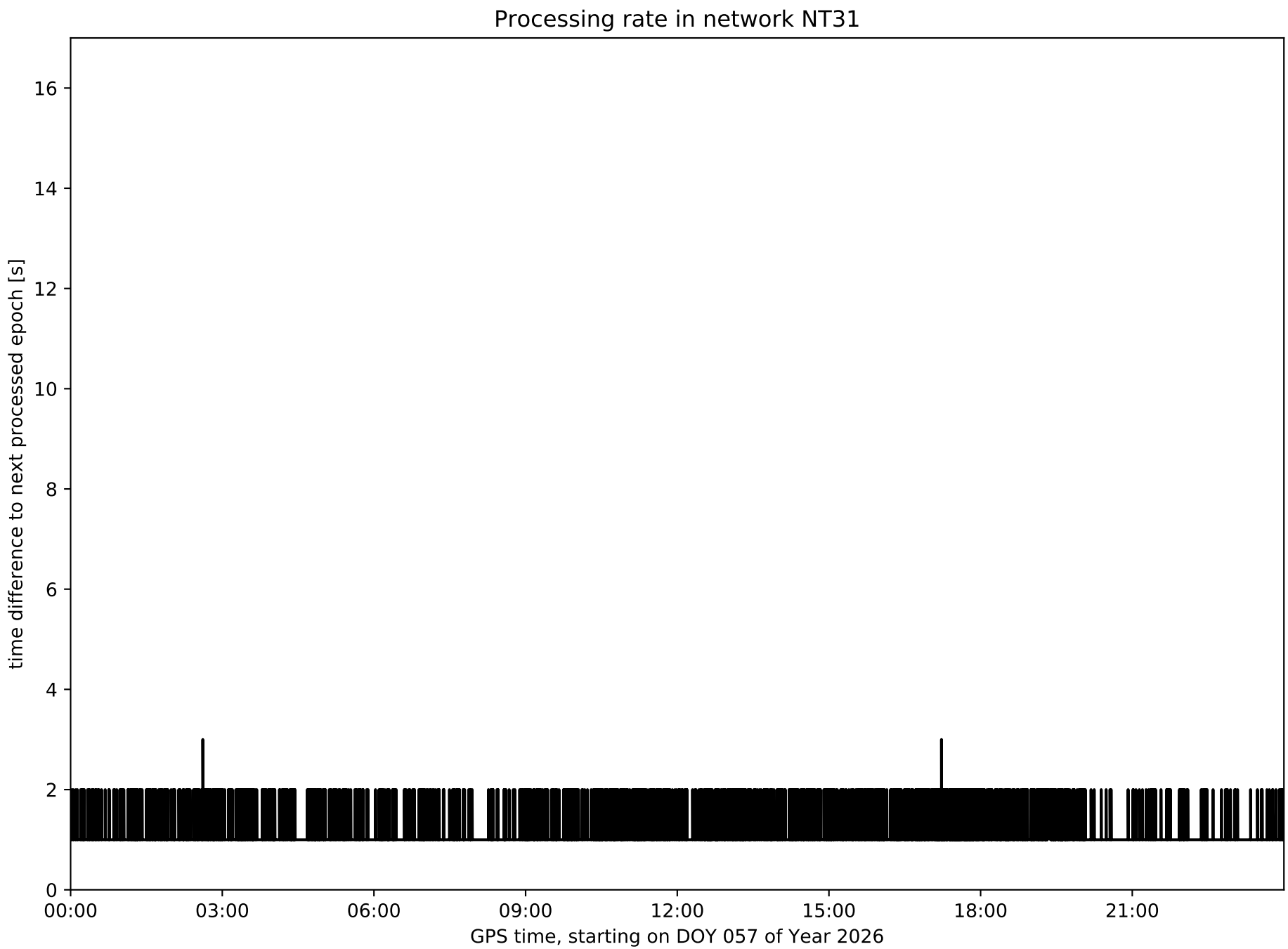
average update rate (durations larger than 15 seconds considered as observation gap): 1.0 seconds

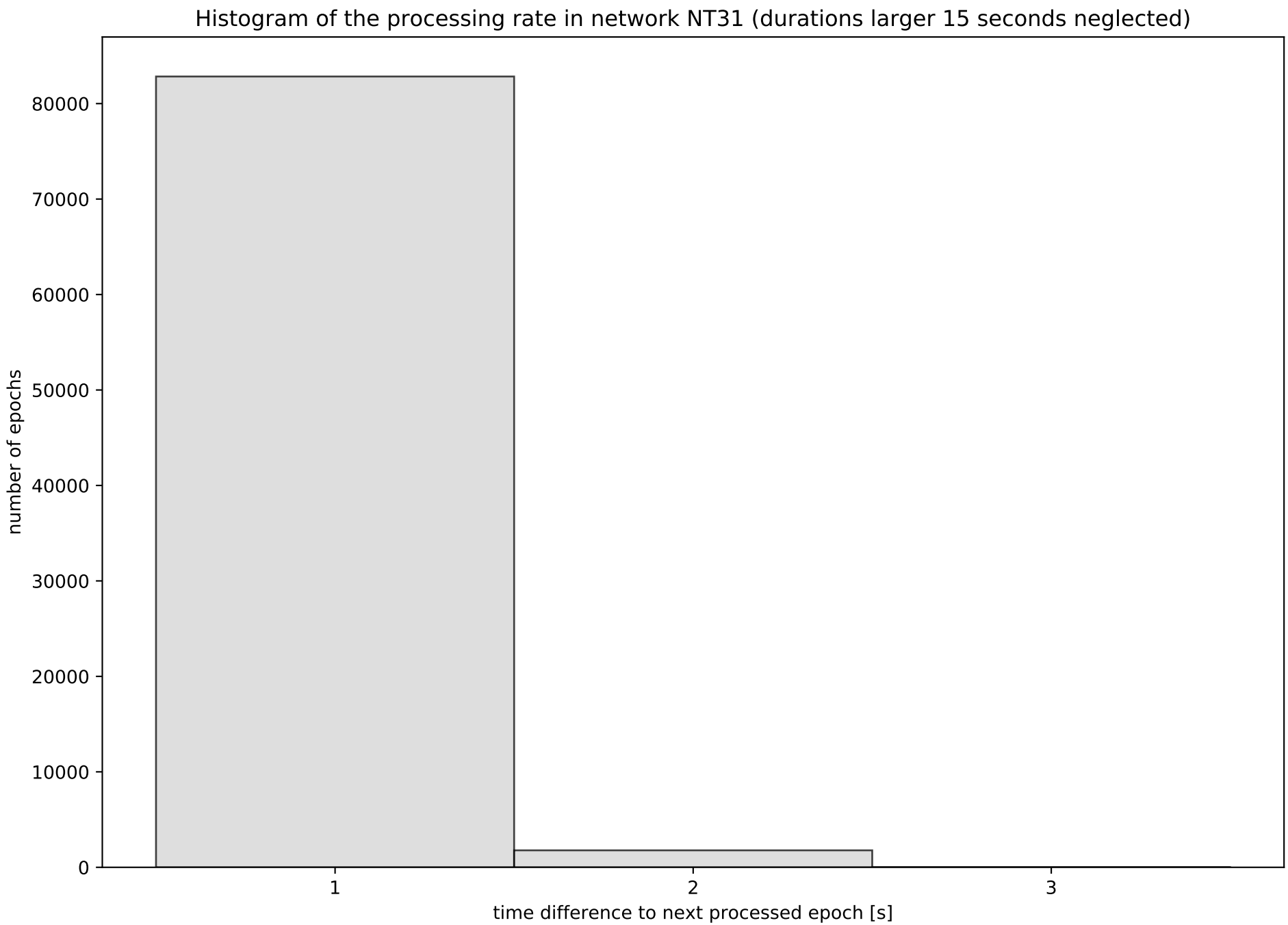
average fixing percentage with threshold set to 0.3: 69.1 percent

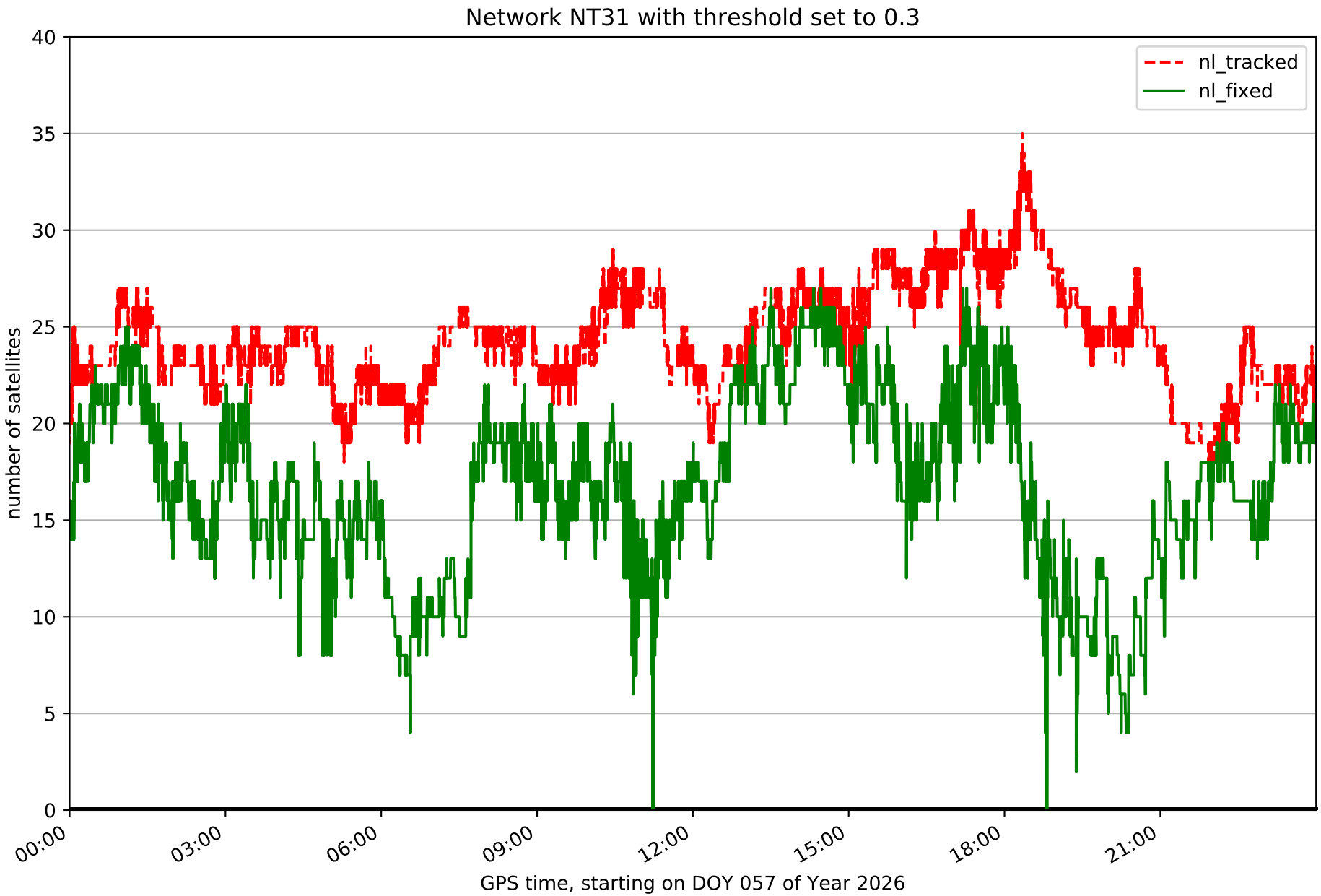
stations available: 7 of 7

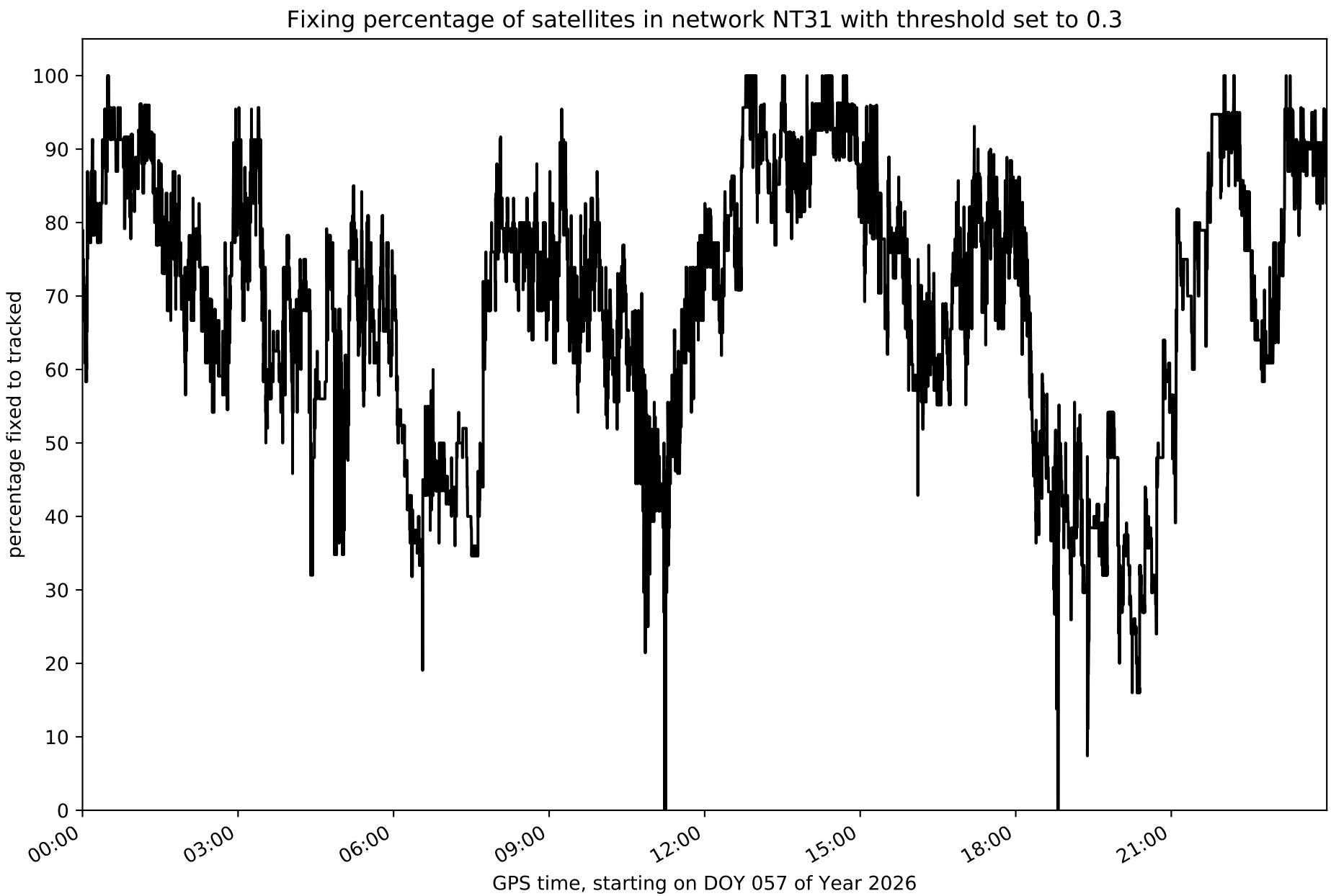
station information:

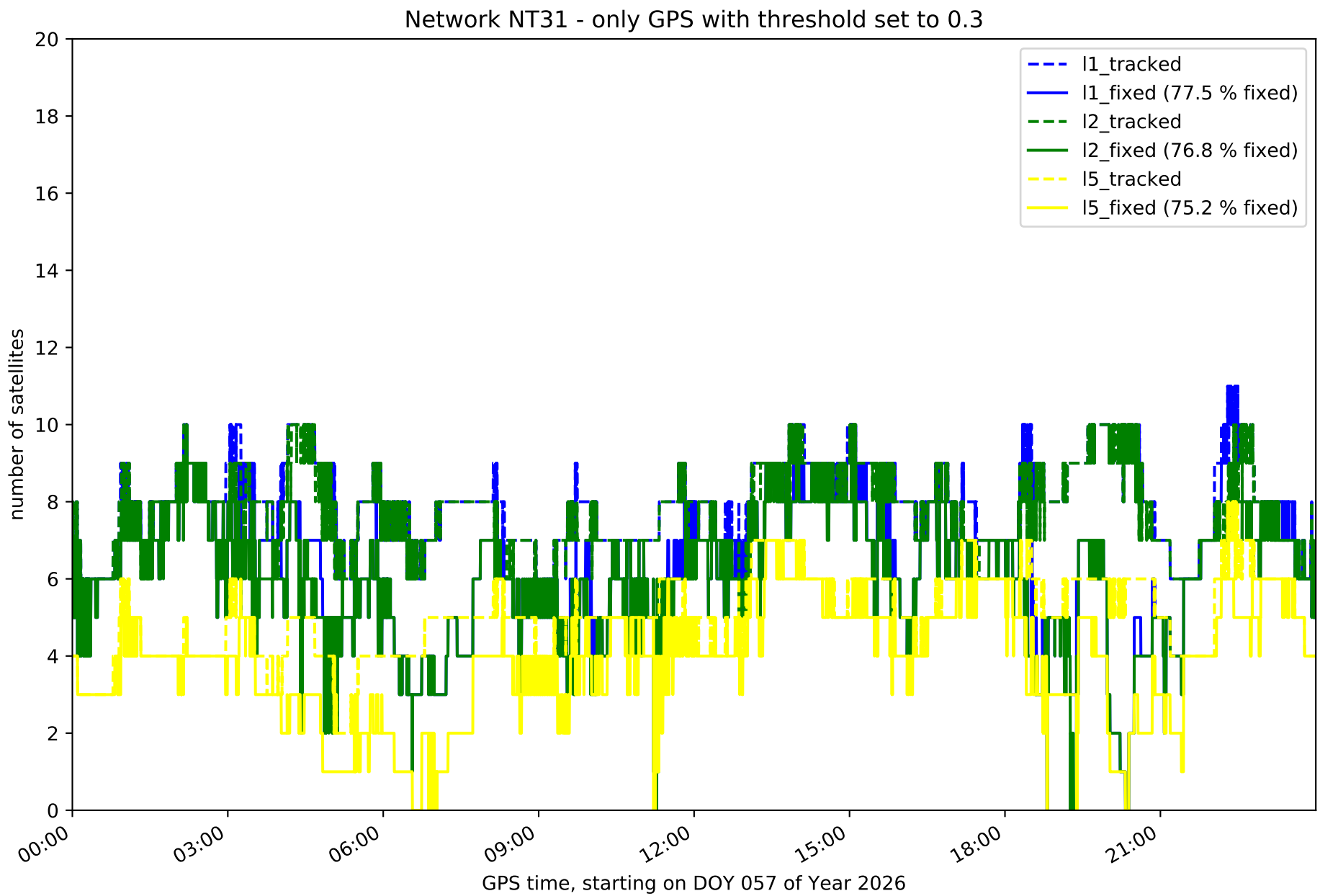
station FUER:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 76.887
station LALA:	antenna: TRM59900.00	SCIS	receiver: TRIMBLE NETR9	height: 62.306
station LZ01:	antenna: TRM159900.00	NONE	receiver: TRIMBLE NETR9	height: 52.693
station LZ02:	antenna: LEIAR20	NONE	receiver: LEICA GR25	height: 58.039
station LZ03:	antenna: LEIAR20	NONE	receiver: LEICA GR50	height: 314.762
station MASP:	antenna: TRM59900.00	SCIS	receiver: TRIMBLE NETR9	height: 198.846
station ULP2:	antenna: TRM59900.00	SCIS	receiver: TRIMBLE ALLOY	height: 375.129

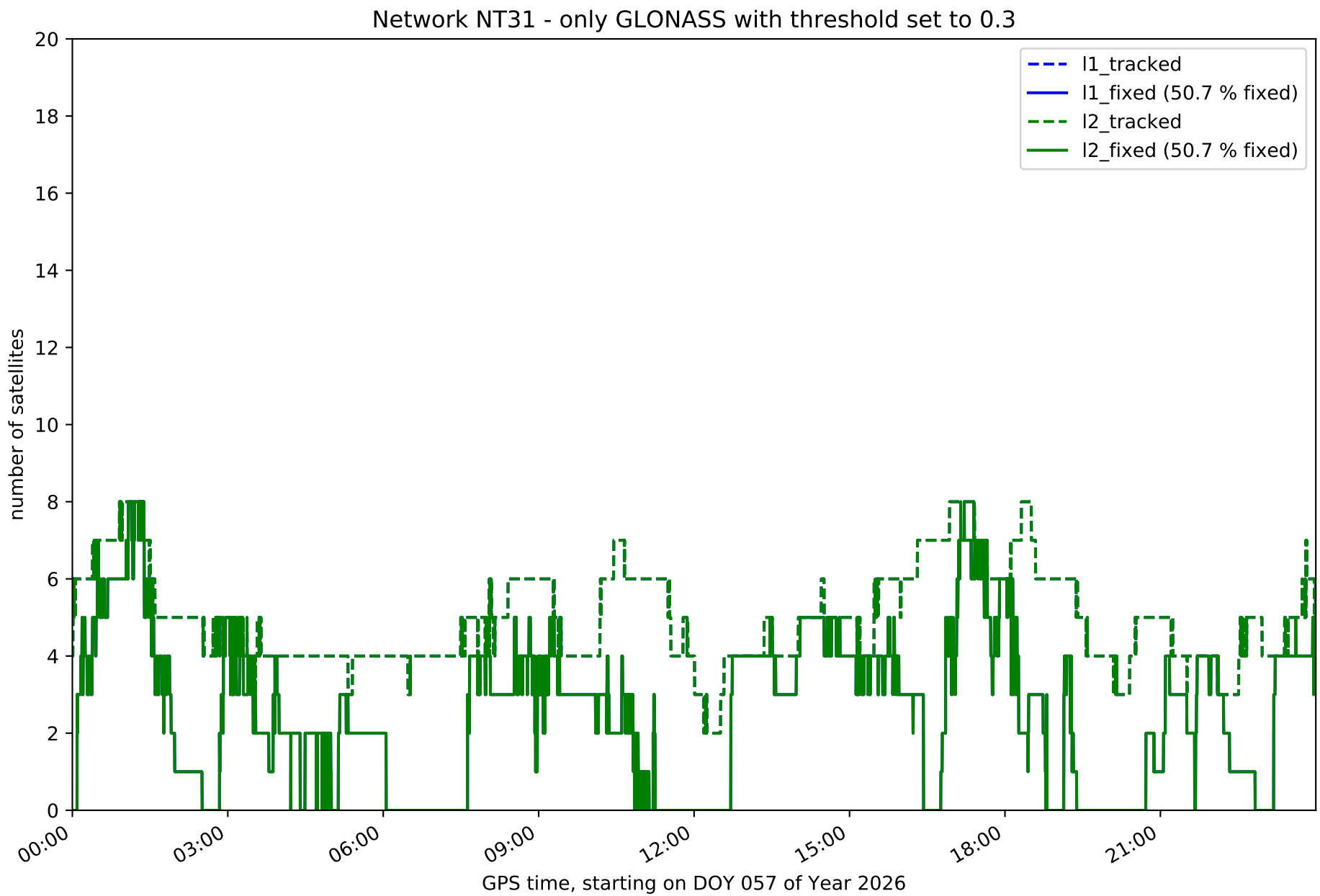

Processing rate in network NT31
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026

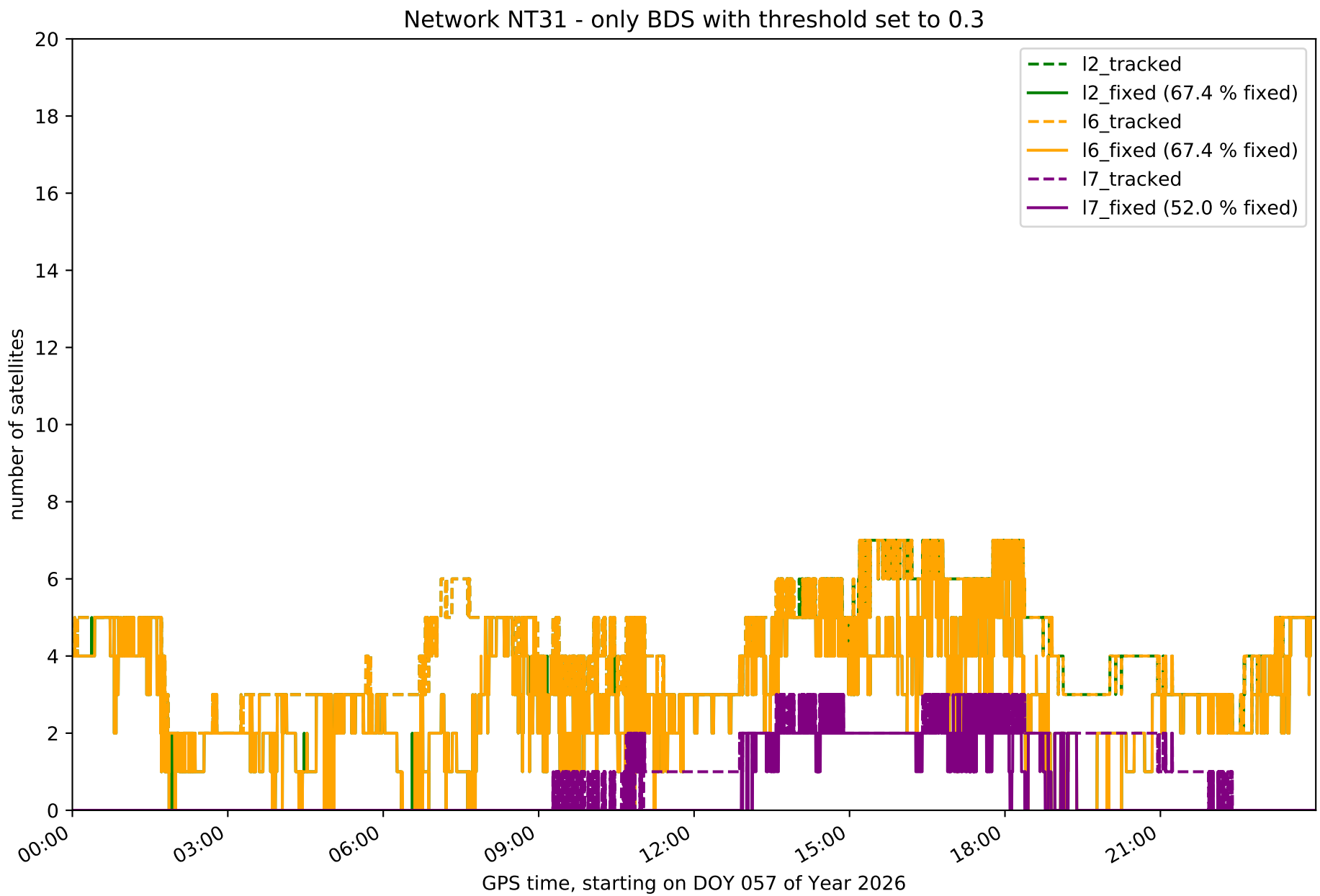

Histogram of the processing rate in network NT31 (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
50000
60000
70000
80000
1
2
3
time difference to next processed epoch [s]

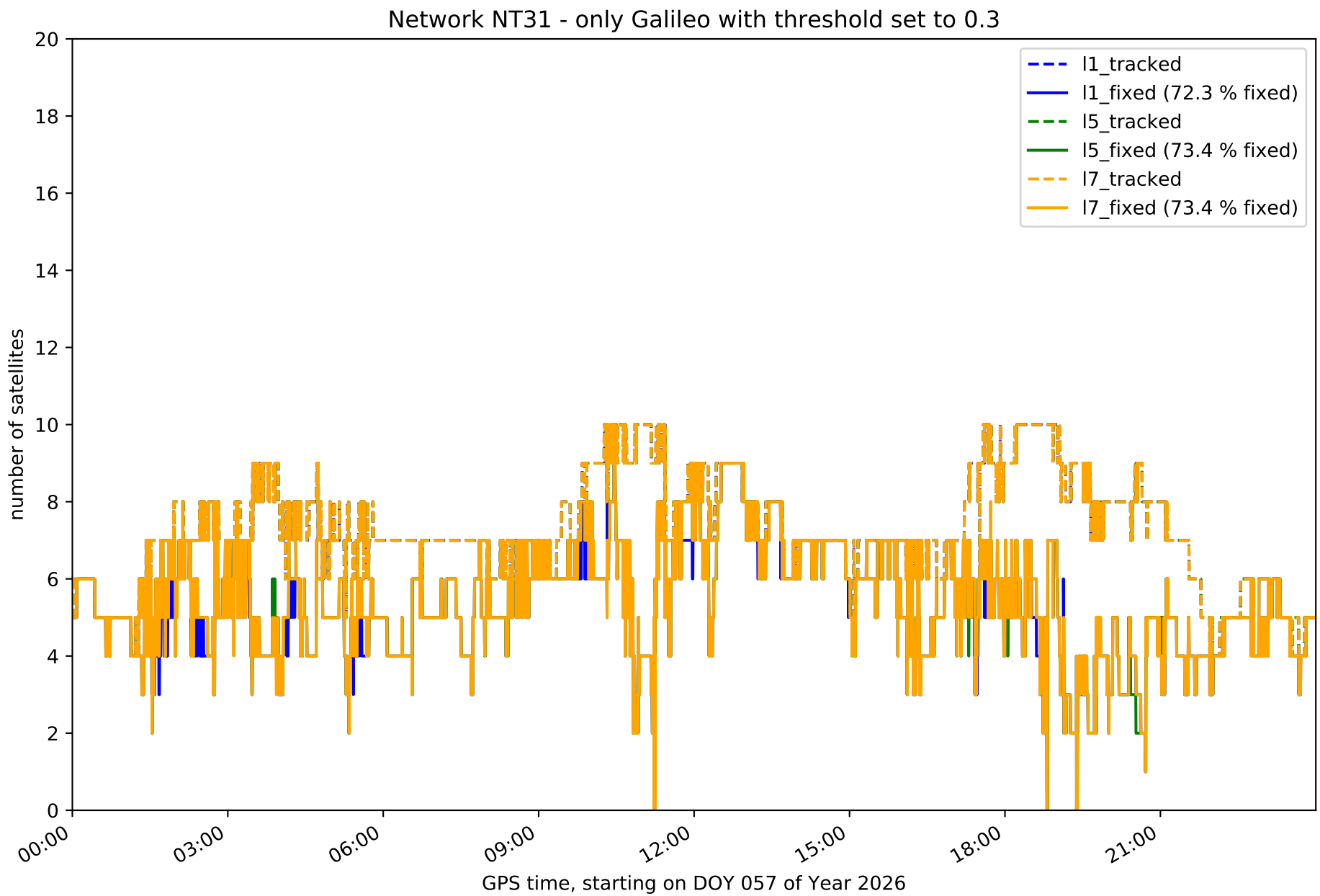

Network NT31 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026

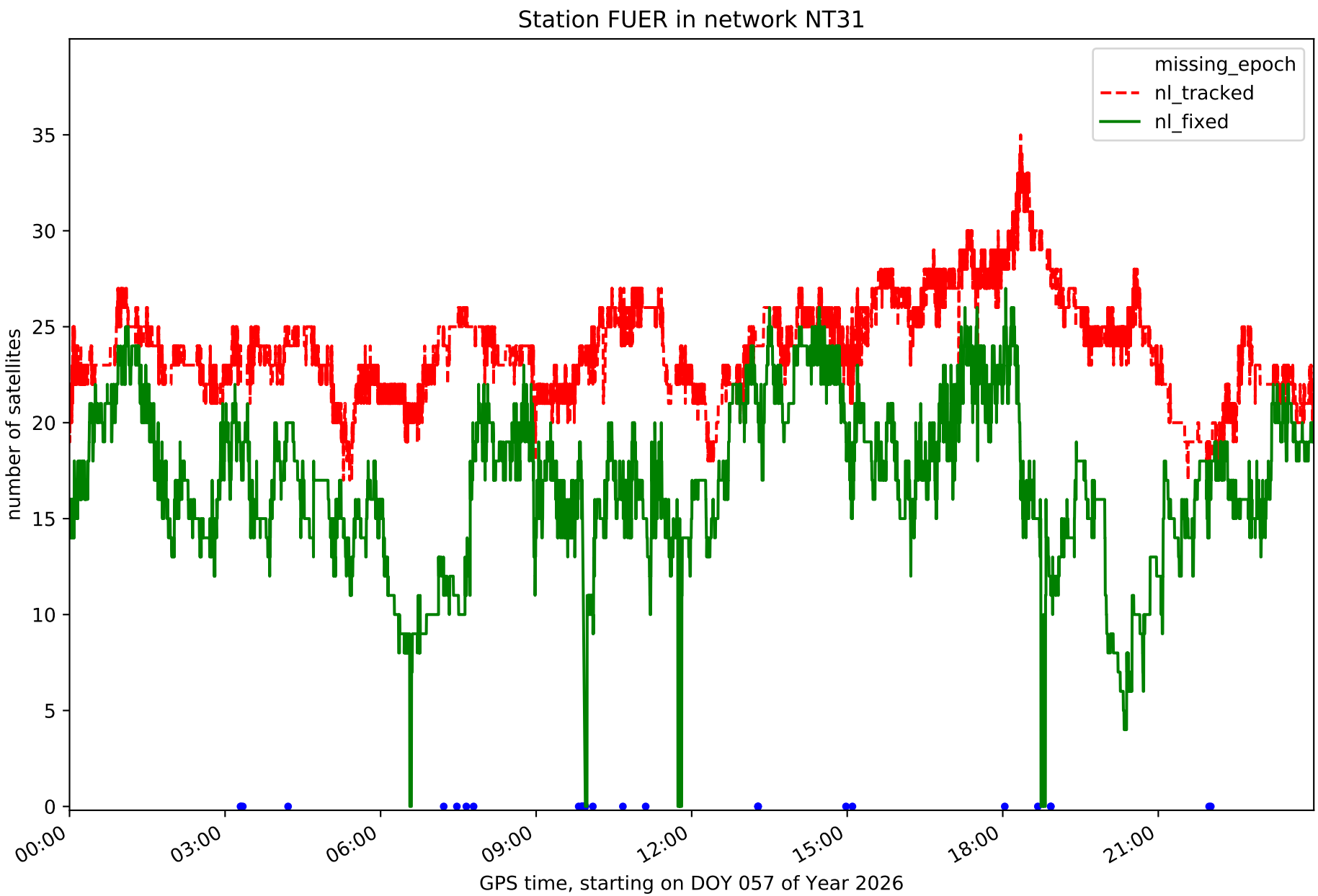

Fixing percentage of satellites in network NT31 with threshold set to 0.3
percentage fixed to tracked
0
10
20
30
40
50
60
70
80
90
100
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026

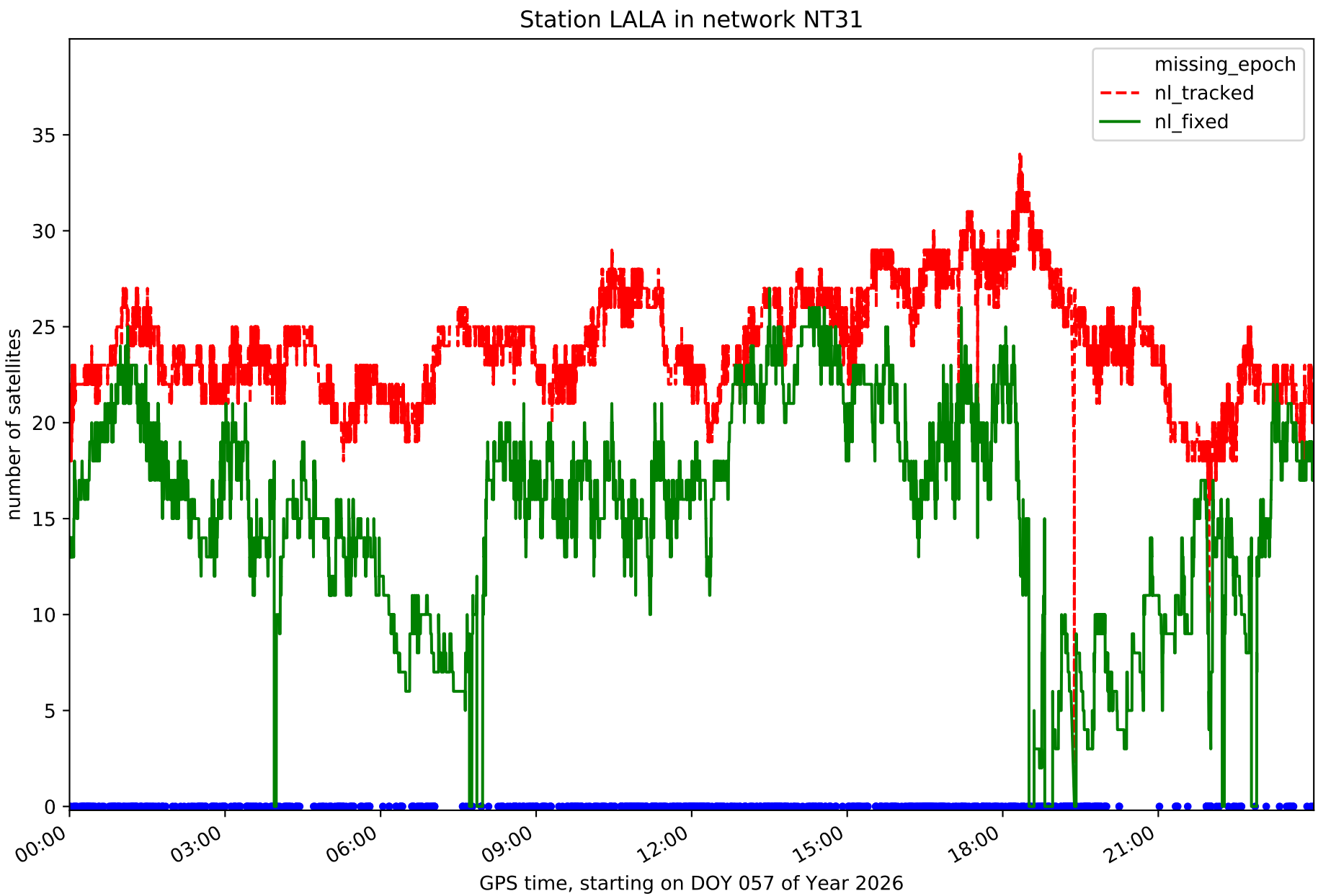

Network NT31 - only GPS with threshold set to 0.3
l1_tracked
l1_fixed (77.5 % fixed)
l2_tracked
l2_fixed (76.8 % fixed)
l5_tracked
l5_fixed (75.2 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026

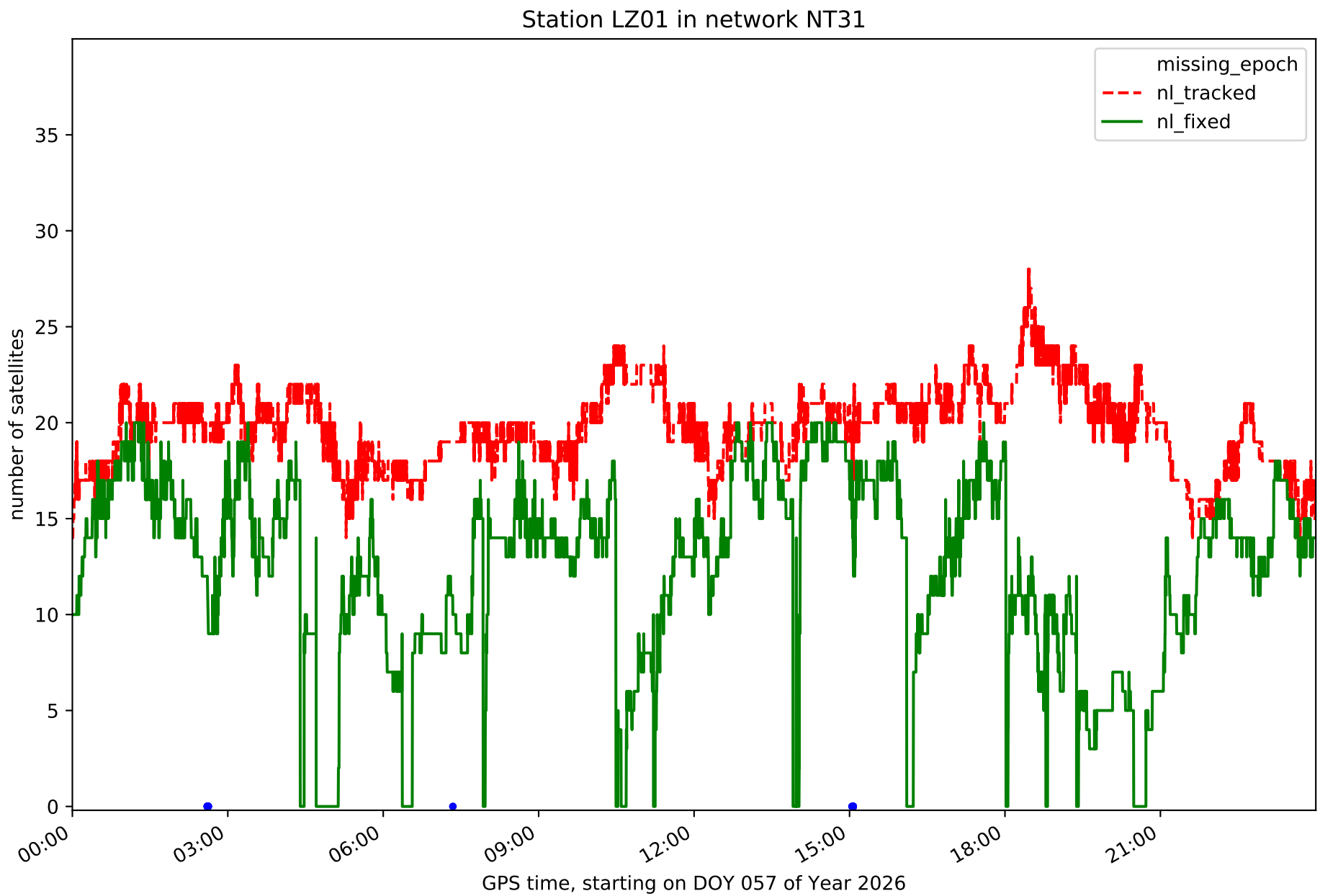

Network NT31 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (50.7 % fixed)
l2_tracked
l2_fixed (50.7 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026

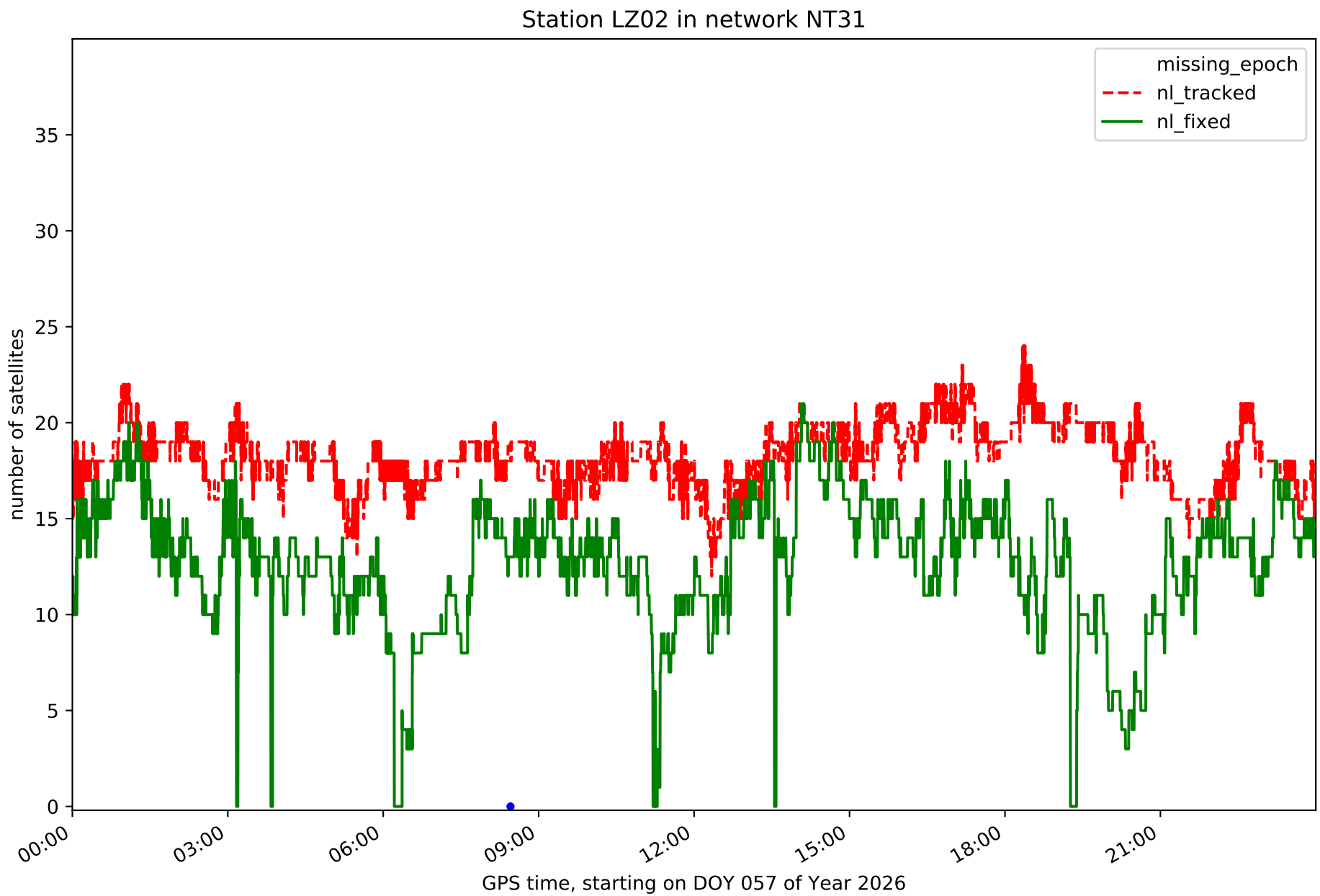

Network NT31 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 057 of Year 2026
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
l2_tracked
l2_fixed (67.4 % fixed)
l6_tracked
l6_fixed (67.4 % fixed)
l7_tracked
l7_fixed (52.0 % fixed)

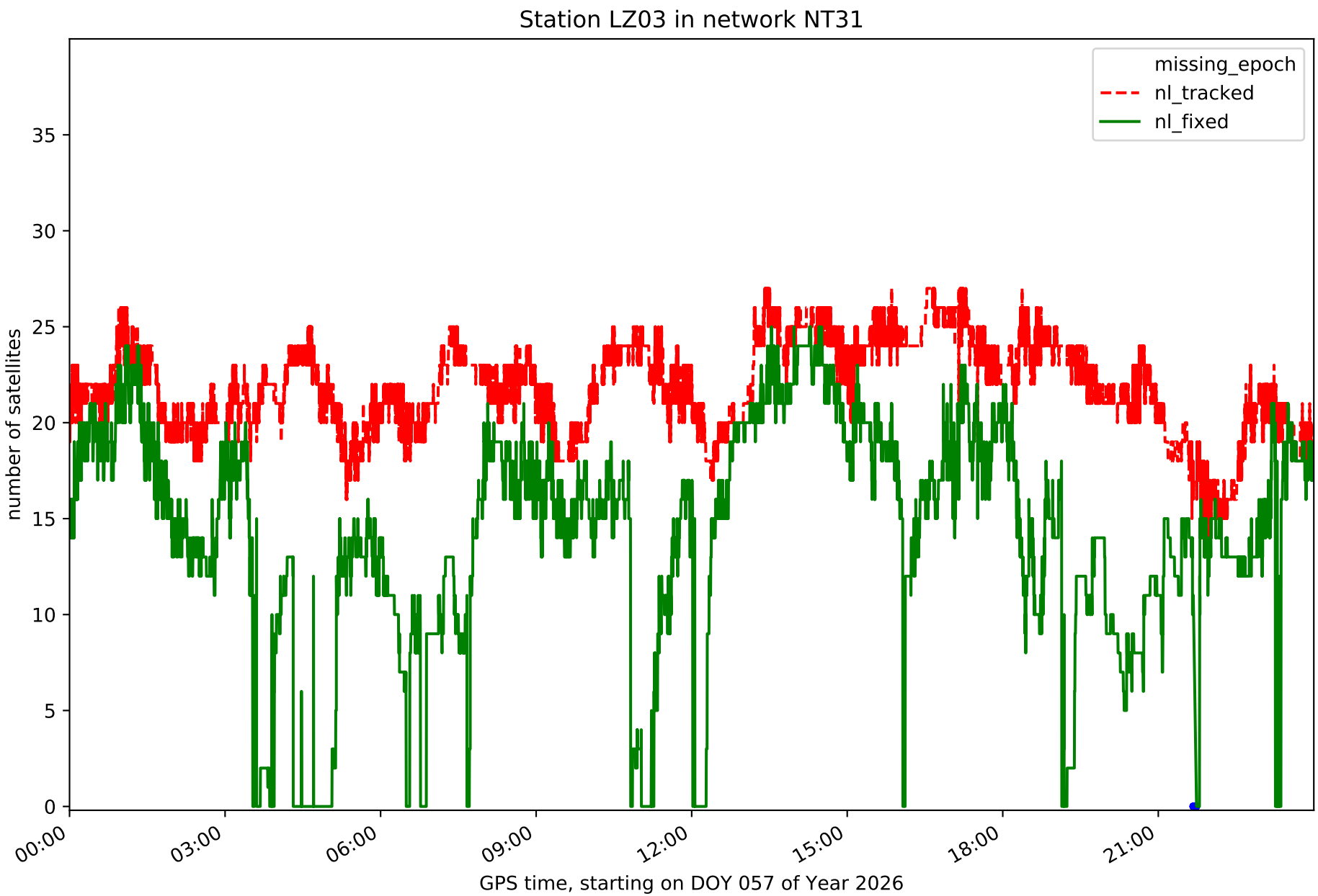

Network NT31 - only Galileo with threshold set to 0.3
l1_tracked
l1_fixed (72.3 % fixed)
l5_tracked
l5_fixed (73.4 % fixed)
l7_tracked
l7_fixed (73.4 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026

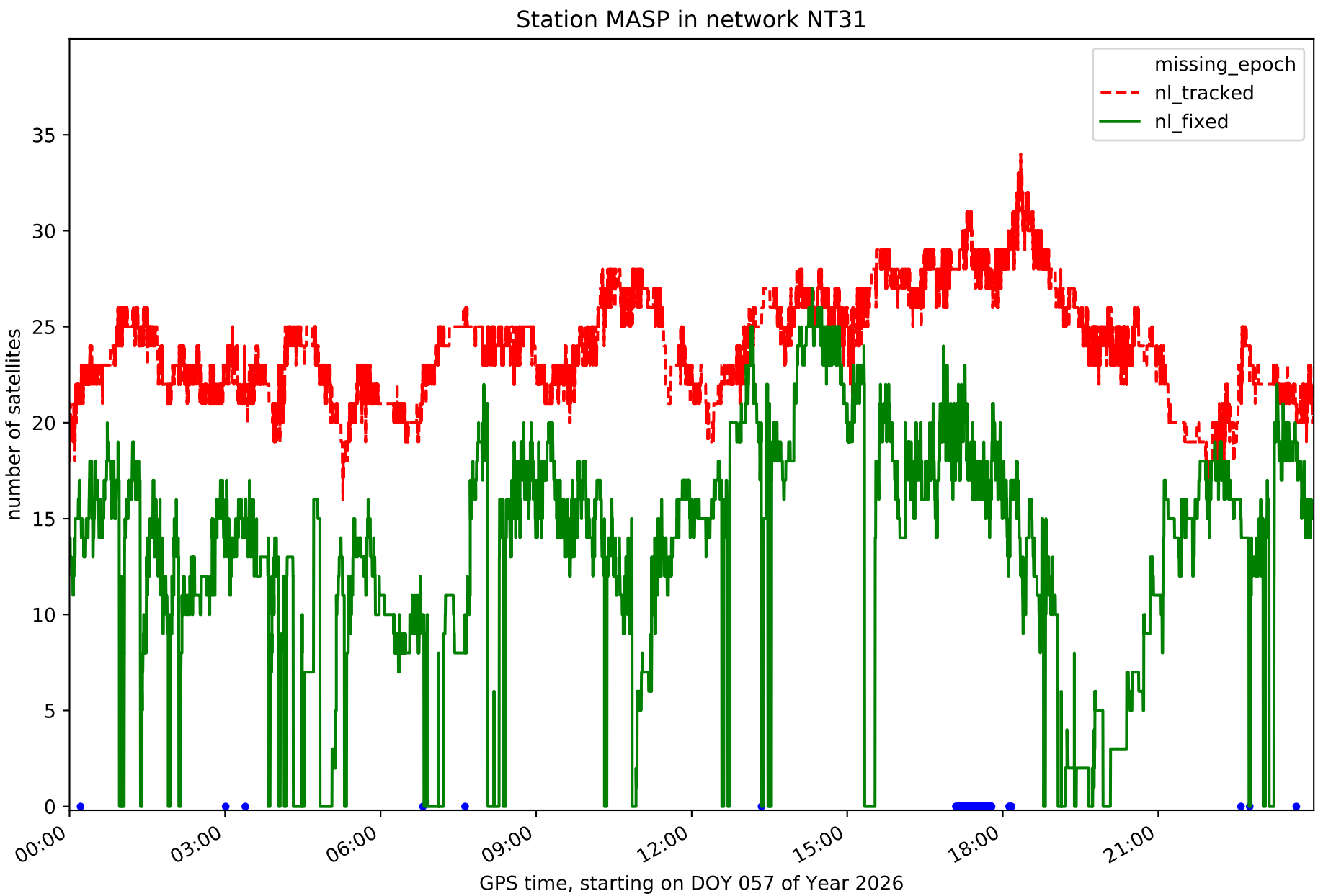

Station FUER in network NT31
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026

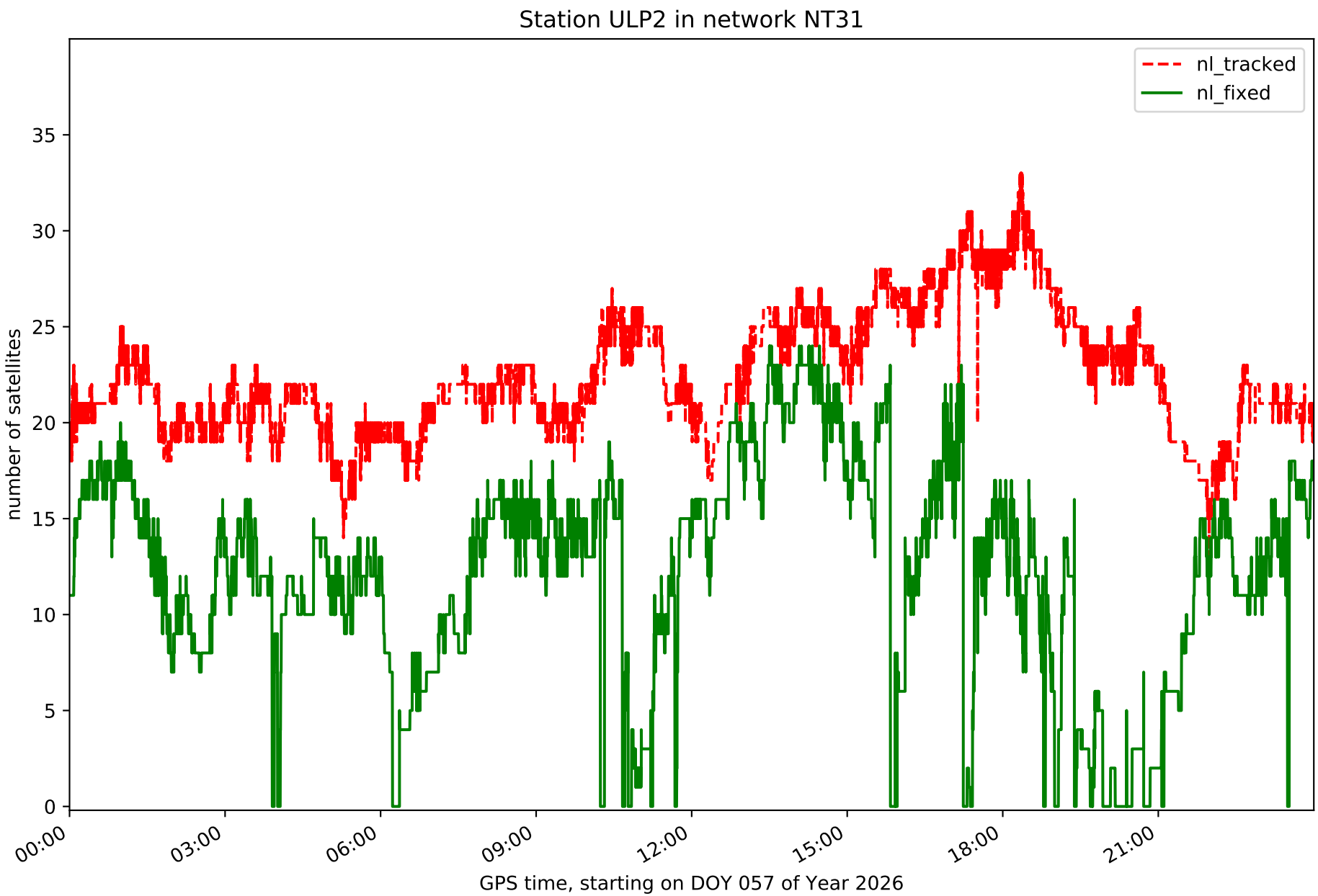

Station LALA in network NT31
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026

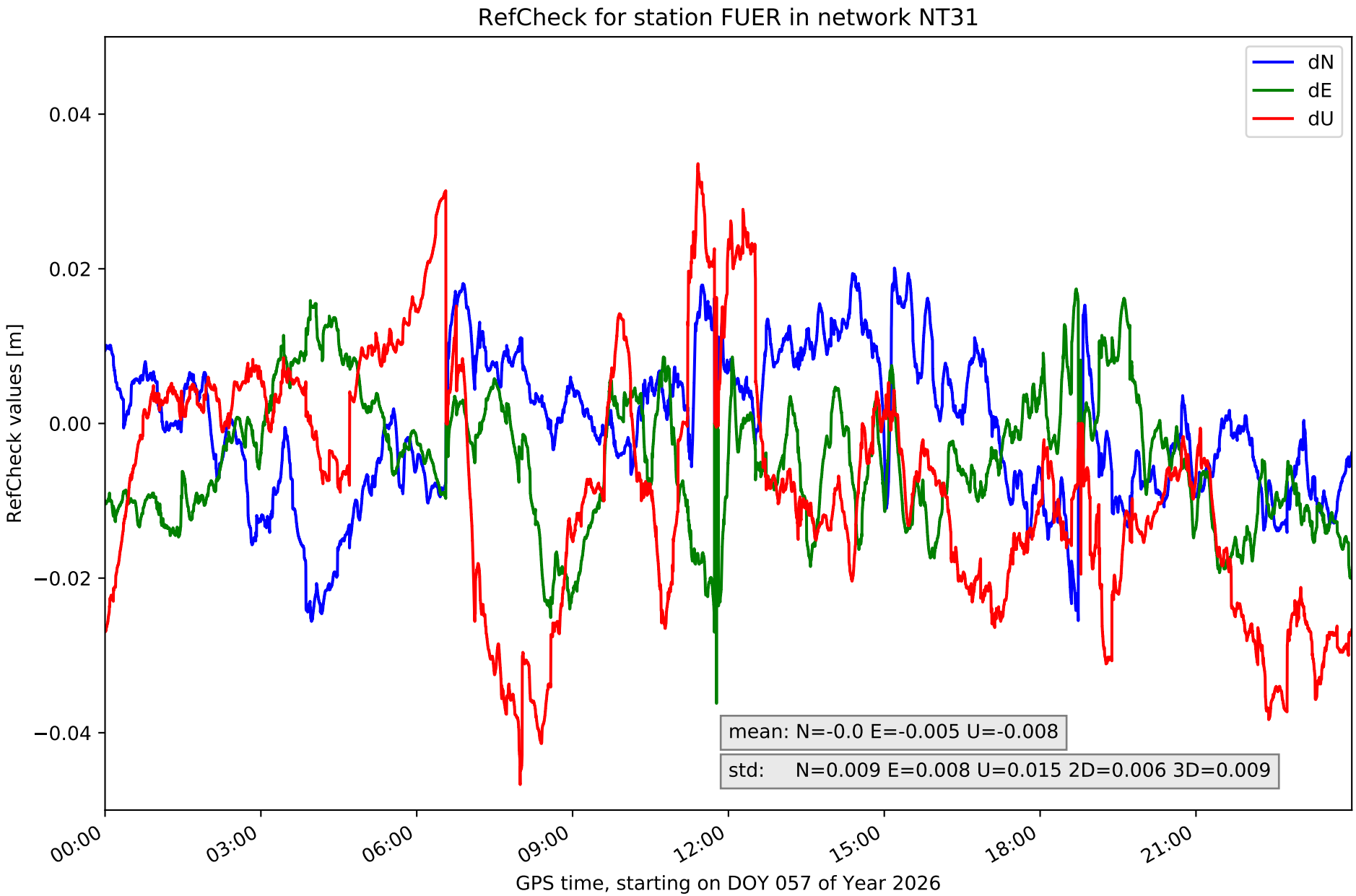

Station LZ01 in network NT31
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026

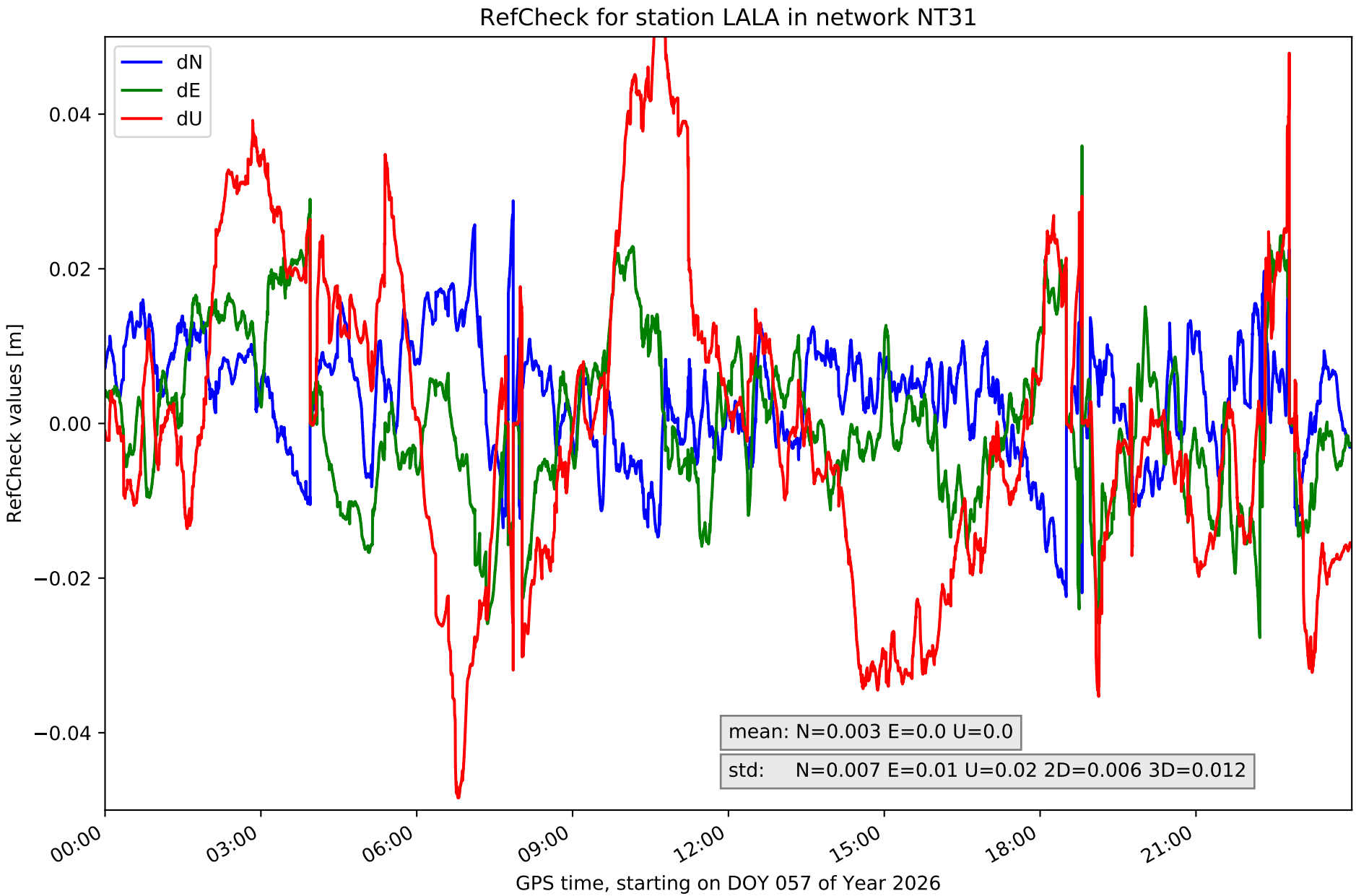

Station LZ02 in network NT31
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026

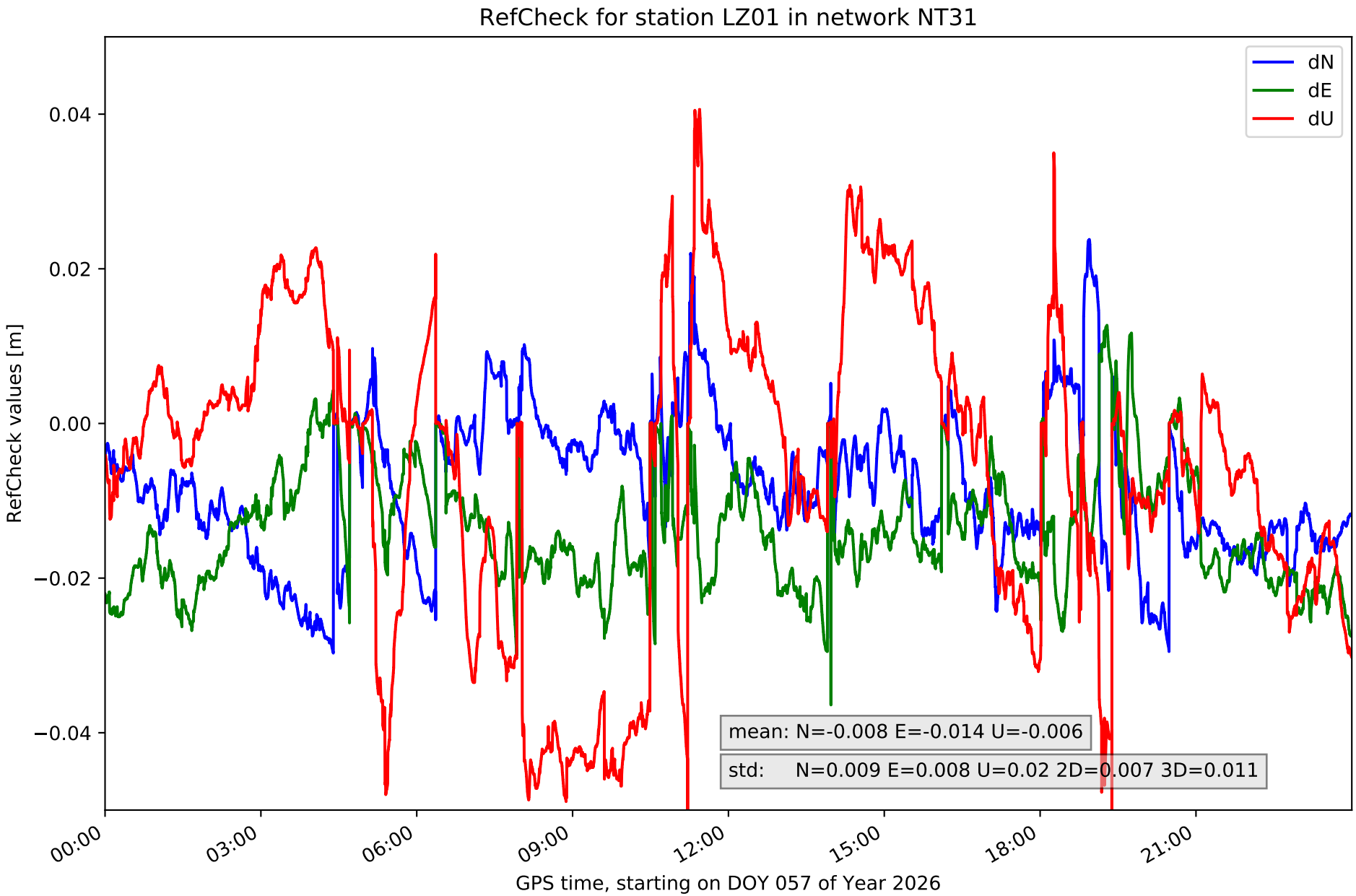

Station LZ03 in network NT31
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026

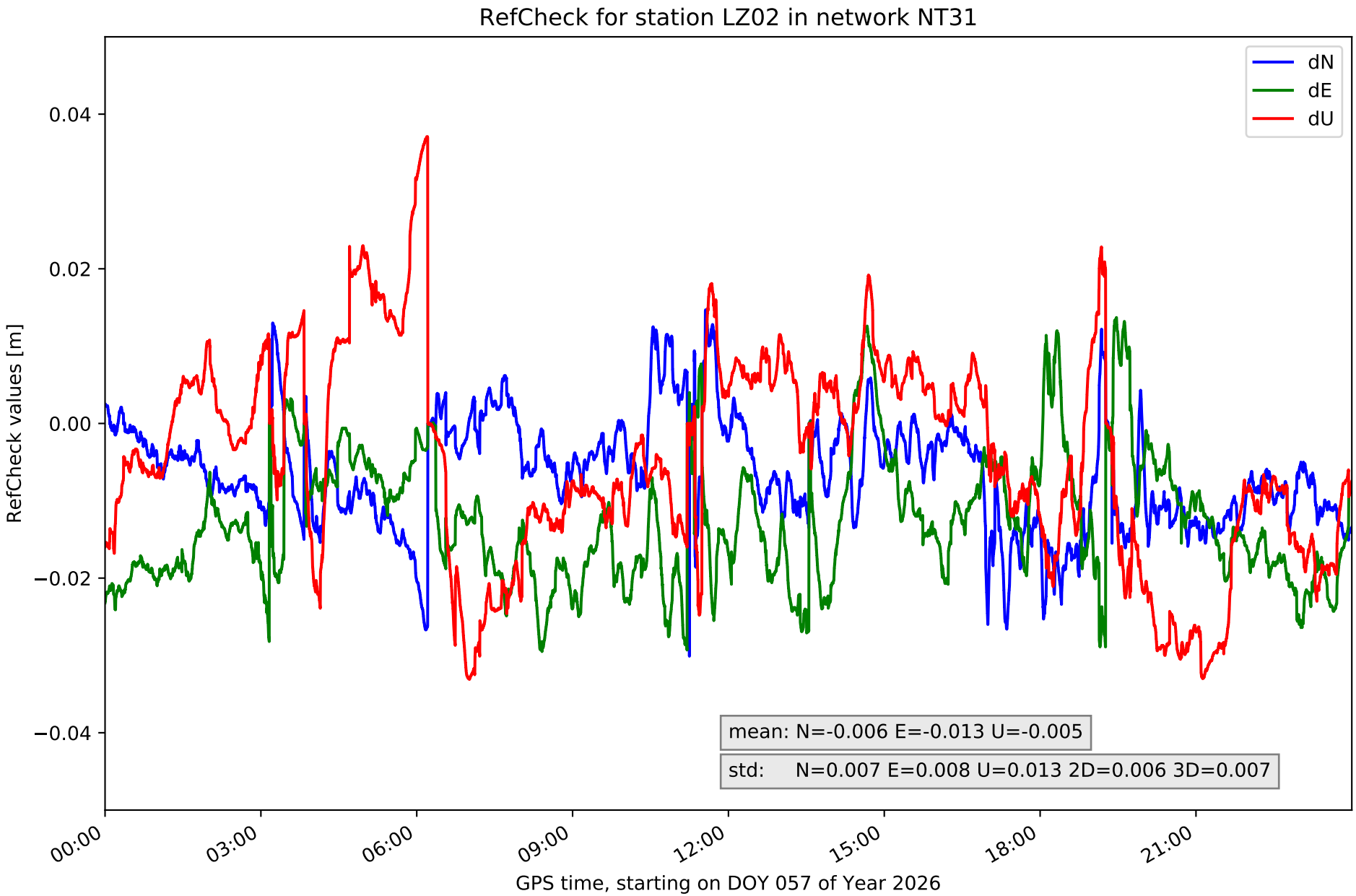

Station MASP in network NT31
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026

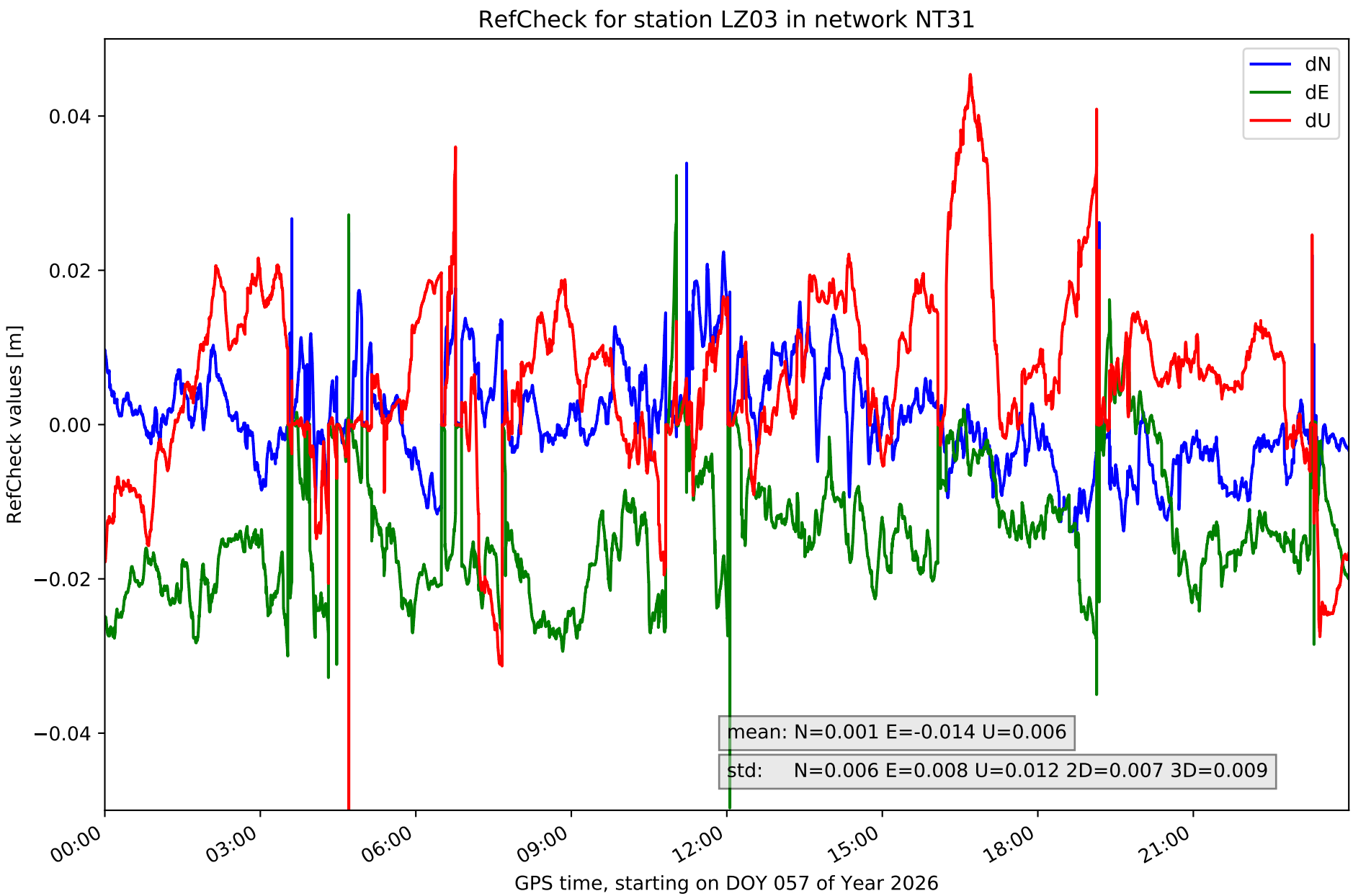

Station ULP2 in network NT31
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026

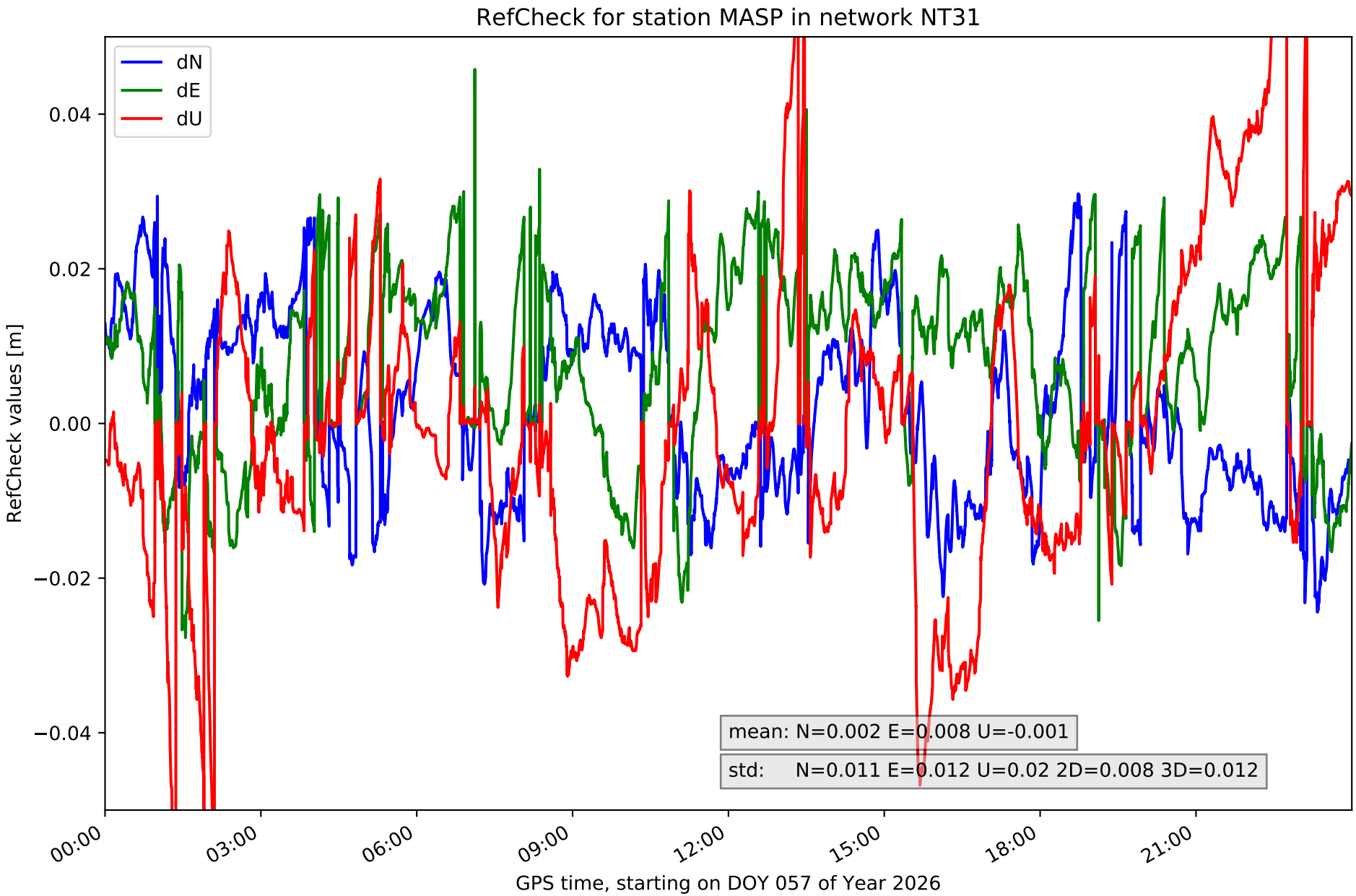

RefCheck for station FUER in network NT31
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=-0.005 U=-0.008
std: N=0.009 E=0.008 U=0.015 2D=0.006 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026

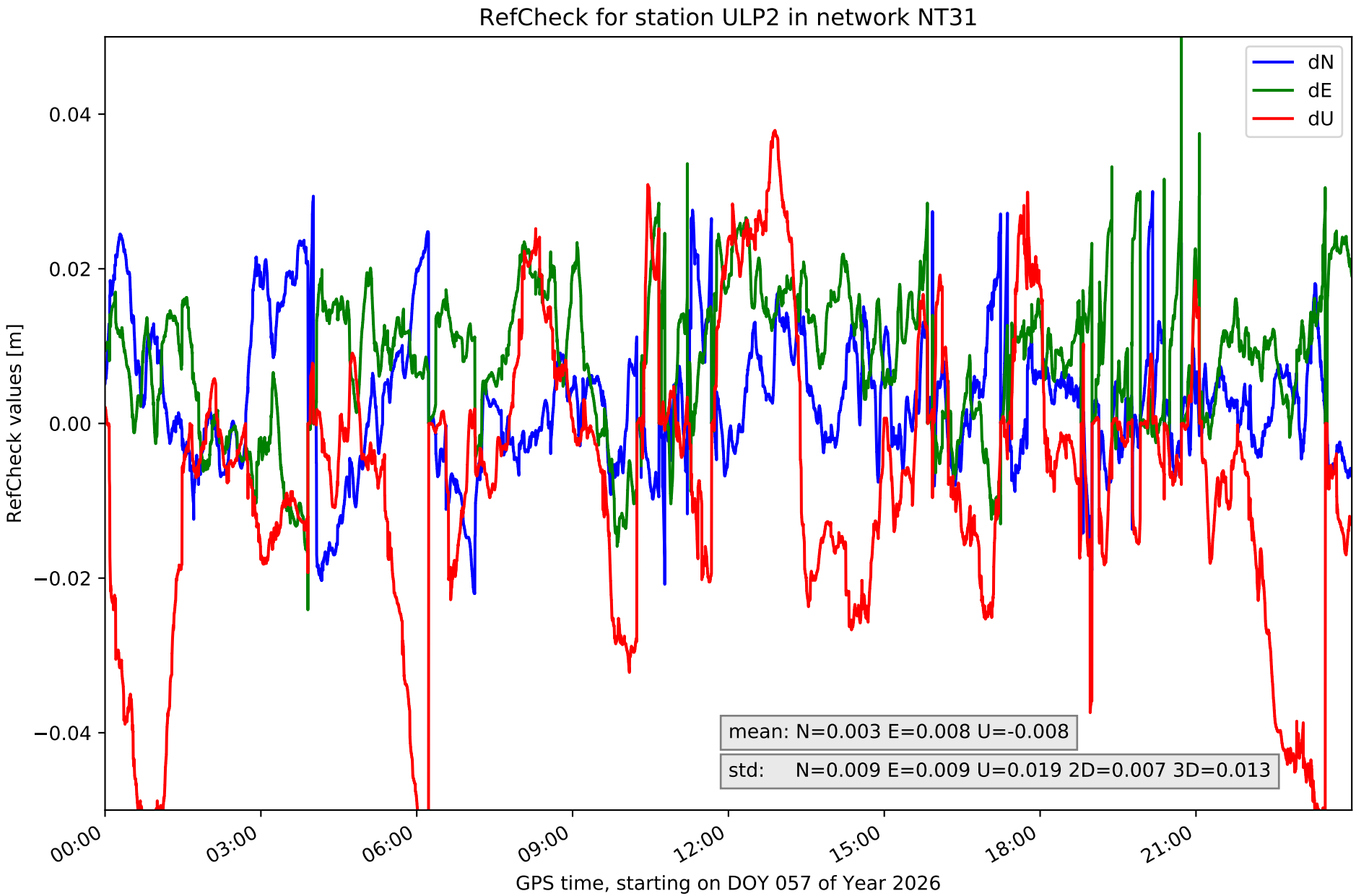

RefCheck for station LALA in network NT31
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=0.0 U=0.0
std: N=0.007 E=0.01 U=0.02 2D=0.006 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026


RefCheck for station LZ01 in network NT31
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.008 E=-0.014 U=-0.006
std: N=0.009 E=0.008 U=0.02 2D=0.007 3D=0.011
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026


RefCheck for station LZ02 in network NT31
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.006 E=-0.013 U=-0.005
std: N=0.007 E=0.008 U=0.013 2D=0.006 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026


RefCheck for station LZ03 in network NT31
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=-0.014 U=0.006
std: N=0.006 E=0.008 U=0.012 2D=0.007 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026


RefCheck for station MASP in network NT31
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.008 U=-0.001
std: N=0.011 E=0.012 U=0.02 2D=0.008 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026


RefCheck for station ULP2 in network NT31
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=0.008 U=-0.008
std: N=0.009 E=0.009 U=0.019 2D=0.007 3D=0.013
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 057 of Year 2026

RefCheck values for network NT31

Station	Nmin	Nmax	Nstd	Emin	Emax	Estd	Umin	Umax	Ustd	std2D	std3D	#2D > 0.01	% 2D > 0.01	#3D > 0.02	% 3D > 0.02
FUER	-0.026	0.02	0.009	-0.036	0.017	0.008	-0.047	0.034	0.015	0.006	0.009	52805	62.4	36626	43.3
LALA	-0.022	0.029	0.007	-0.028	0.036	0.01	-0.048	0.059	**0.02**	0.006	0.012	44429	52.5	38371	45.3
LZ01	**-0.03**	0.024	0.009	-0.036	0.013	0.008	-0.064	0.041	**0.02**	0.007	0.011	**75278**	**89.0**	**63176**	**74.7**
LZ02	**-0.03**	0.015	0.007	-0.029	0.014	0.008	-0.033	0.037	0.013	0.006	0.007	75159	88.8	51771	61.2
LZ03	-0.014	**0.034**	0.006	**-0.05**	0.032	0.008	**-0.089**	0.045	0.012	0.007	0.009	68293	80.7	41060	48.5
MASP	-0.024	0.03	**0.011**	-0.028	0.046	**0.012**	-0.065	**0.06**	**0.02**	**0.008**	0.012	68484	80.9	55703	65.8
ULP2	-0.022	0.03	0.009	-0.024	**0.06**	0.009	-0.06	0.038	0.019	0.007	**0.013**	56370	66.6	44149	52.2
Mean	**-0.024**	**0.026**	**0.008**	**-0.033**	**0.031**	**0.009**	**-0.058**	**0.045**	**0.017**	**0.007**	**0.01**	**62974.0**	**74.4**	**47265.1**	**55.9**
Min/Max	**-0.03**	**0.034**	**0.011**	**-0.05**	**0.06**	**0.012**	**-0.089**	**0.06**	**0.02**	**0.008**	**0.013**	**75278**	**89.0**	**63176**	**74.7**

fixing statistic for network NT31

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	69.1	77.5	50.7	72.3	67.4
considering satellites with dual-frequency fixed	61.7	68.2	43.7	66.8	62.7
considering all signals separately	63.0	68.4	43.8	67.4	62.0