summary for network N31T

timeperiod chosen: from 2026-11-13-00:00:00 until 2026-11-13-23:59:59

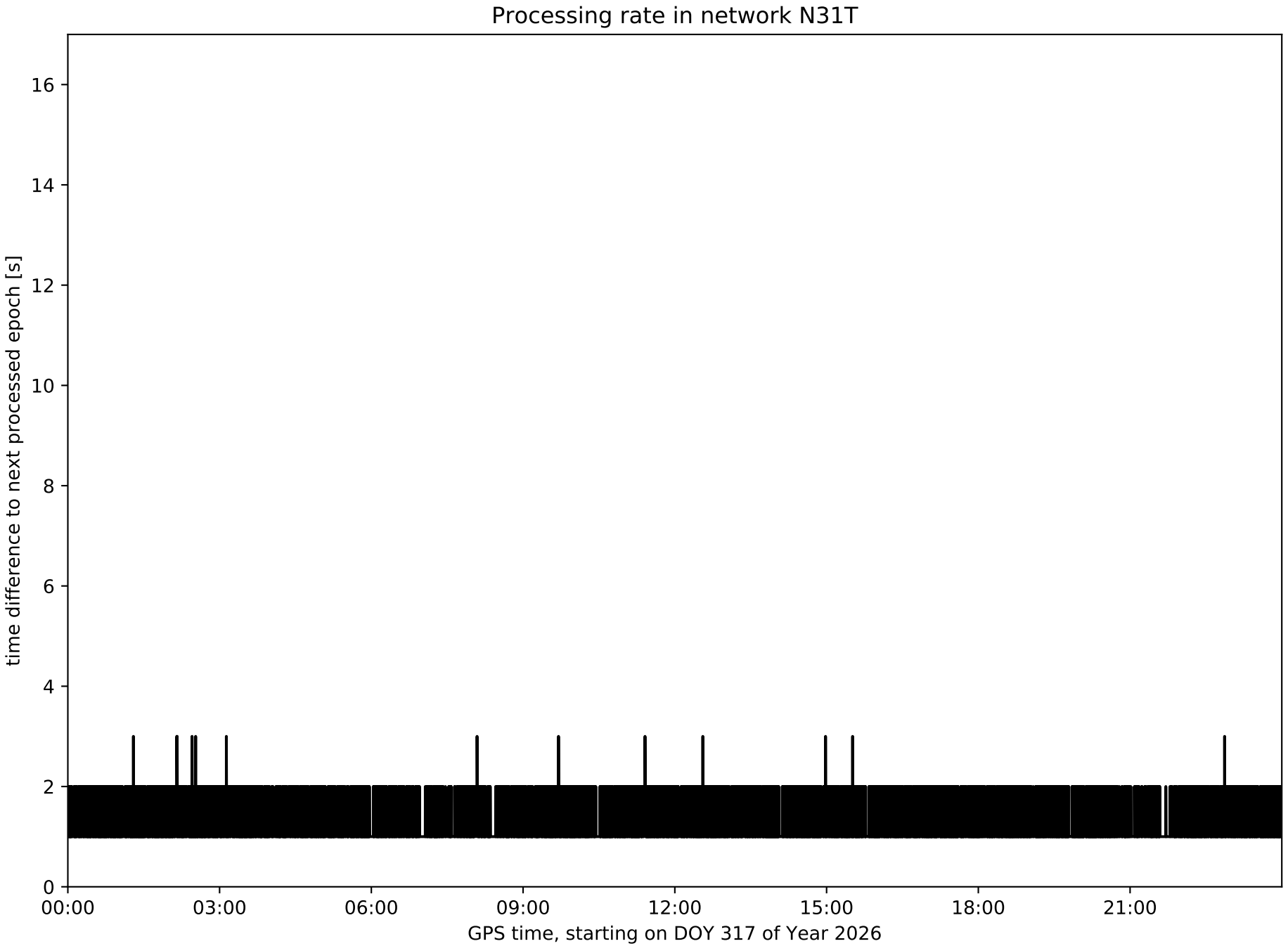
average update rate (durations larger than 15 seconds considered as observation gap): 1.1 seconds

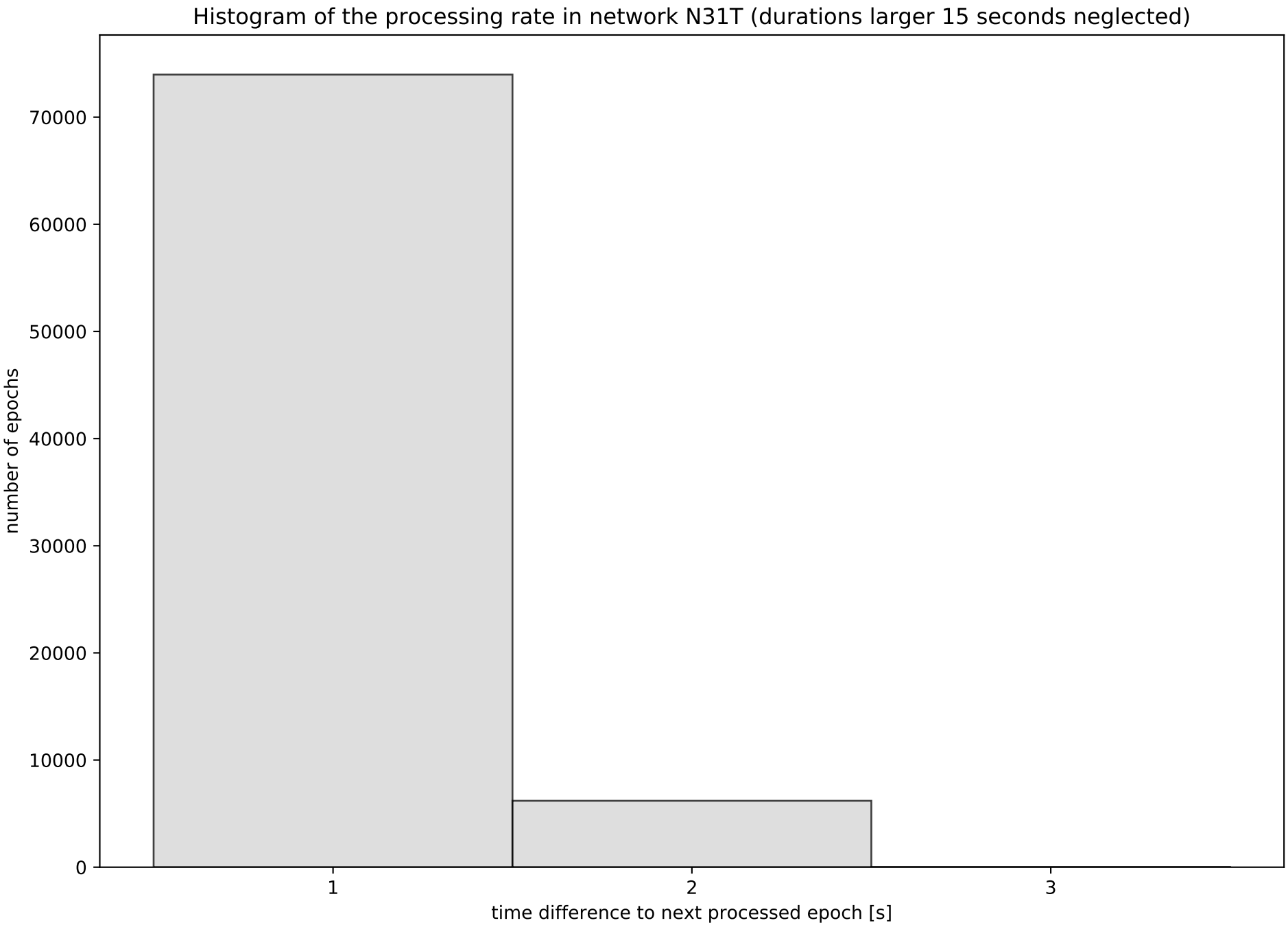
average fixing percentage with threshold set to 0.3: 85.3 percent

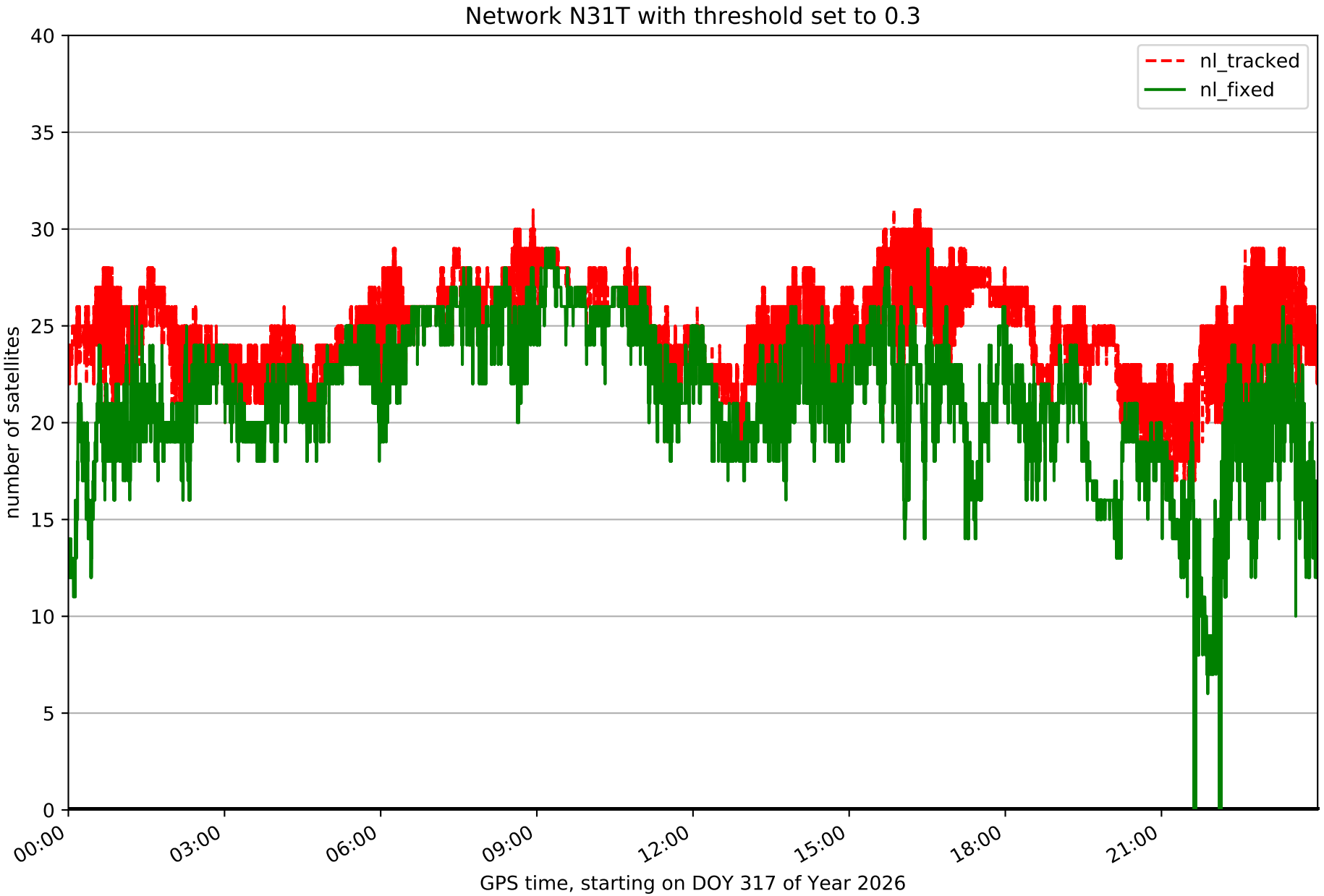
stations available: 7 of 7

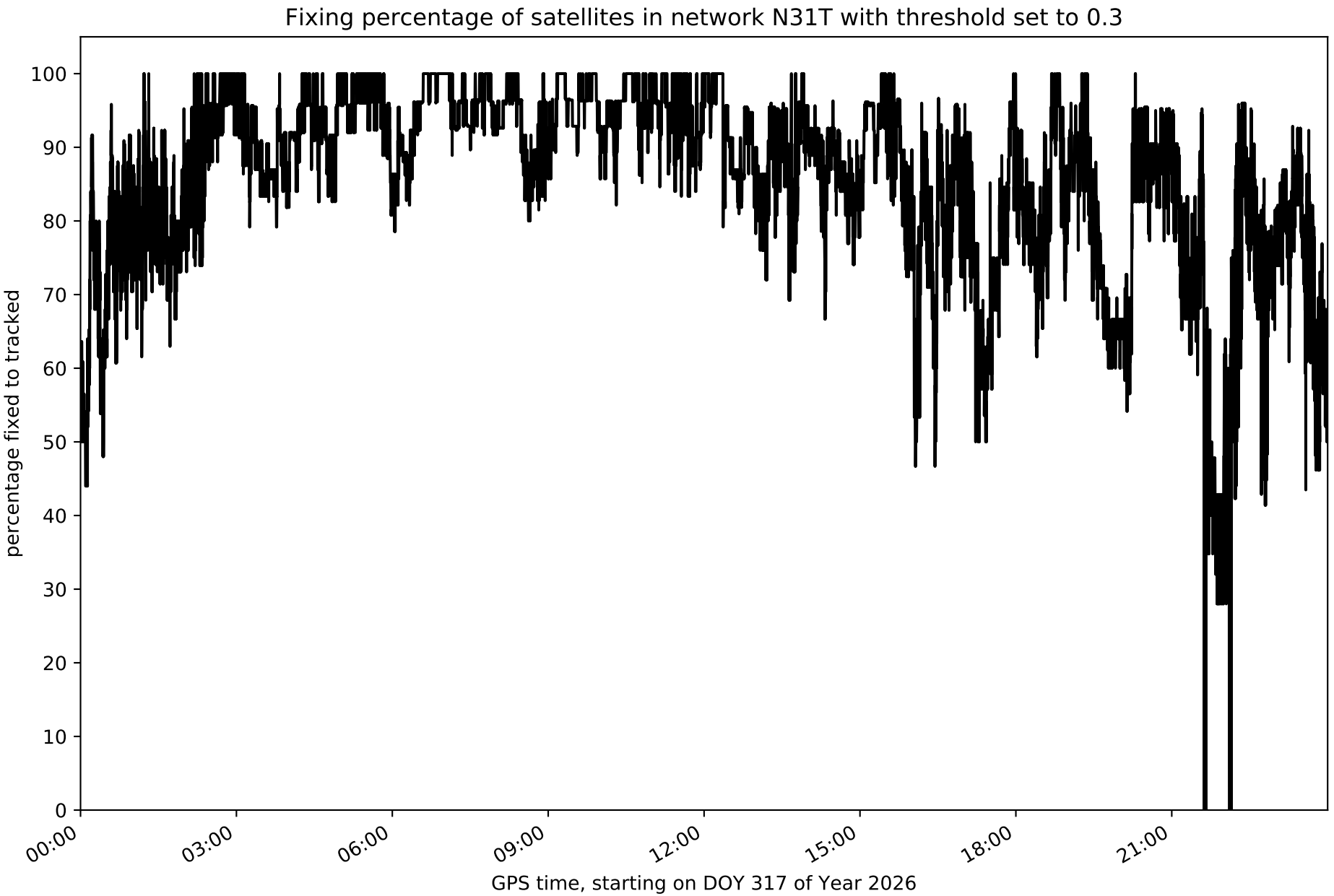
station information:

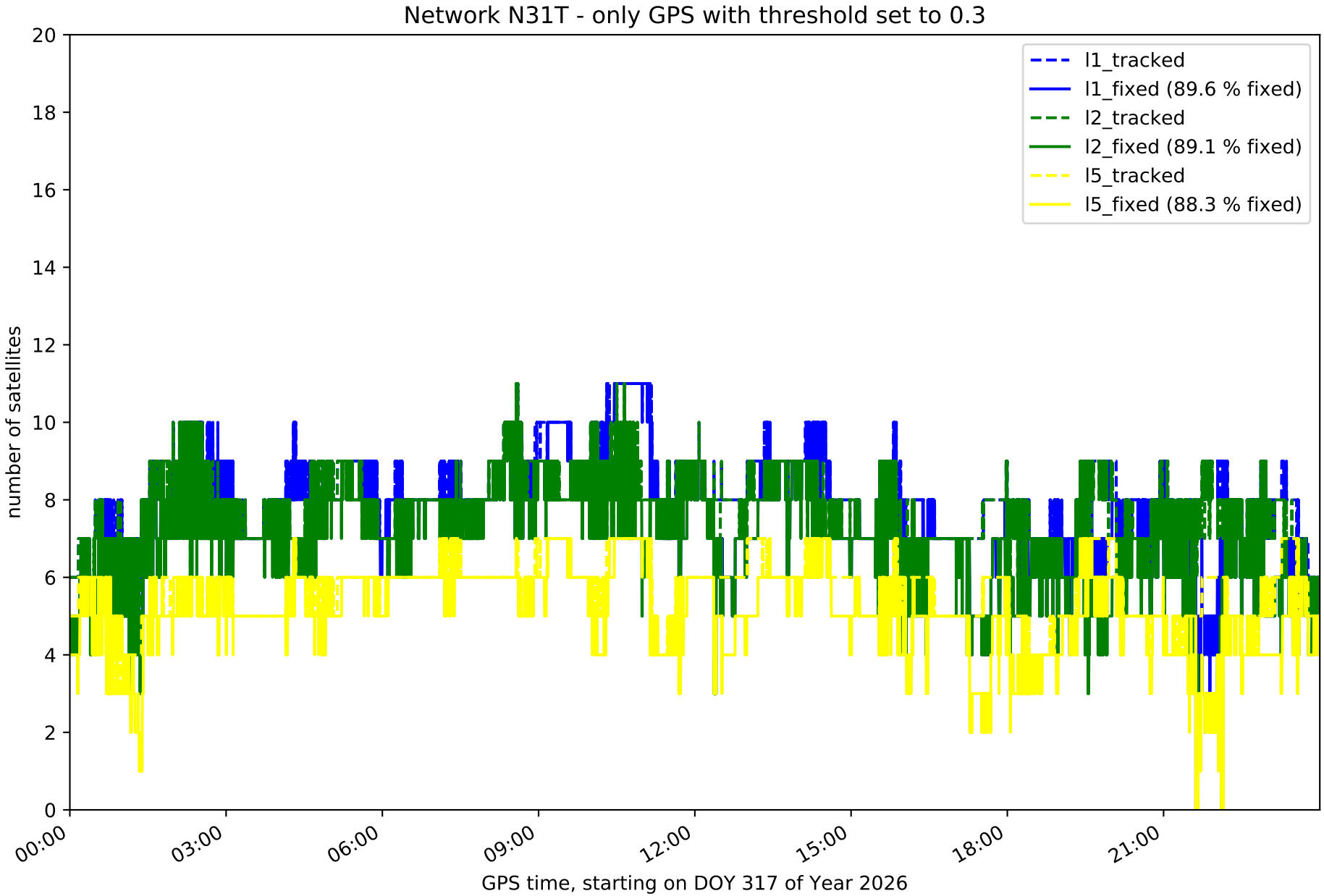
station FUER:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 76.887
station LALA:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE NETR9	height: 62.306
station LZ01:	antenna: TRM159900.00 SCIS	receiver: TRIMBLE NETR9	height: 52.693
station LZ02:	antenna: LEIAR20 NONE	receiver: LEICA GR25	height: 58.039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

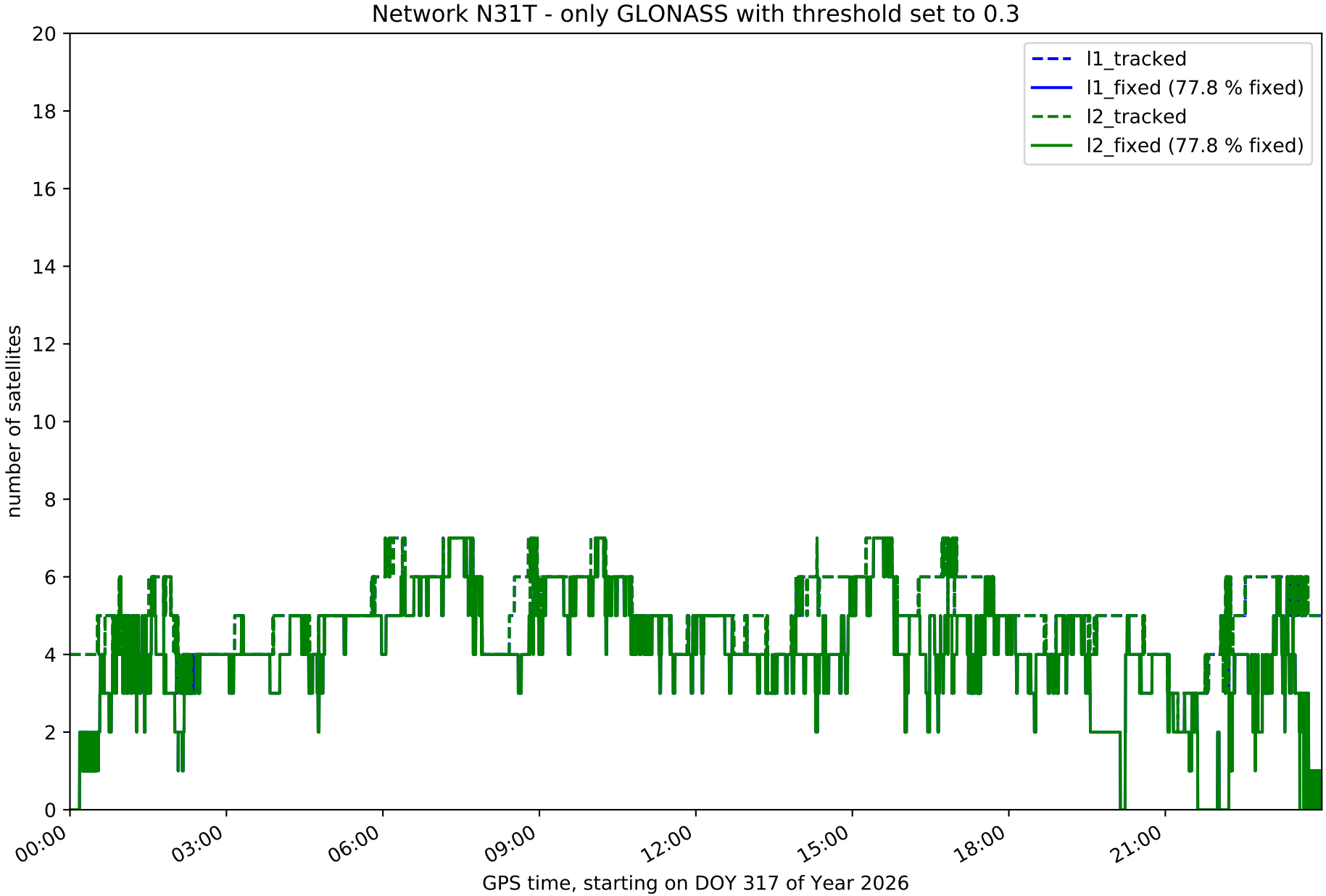

Processing rate in network N31T
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 317 of Year 2026

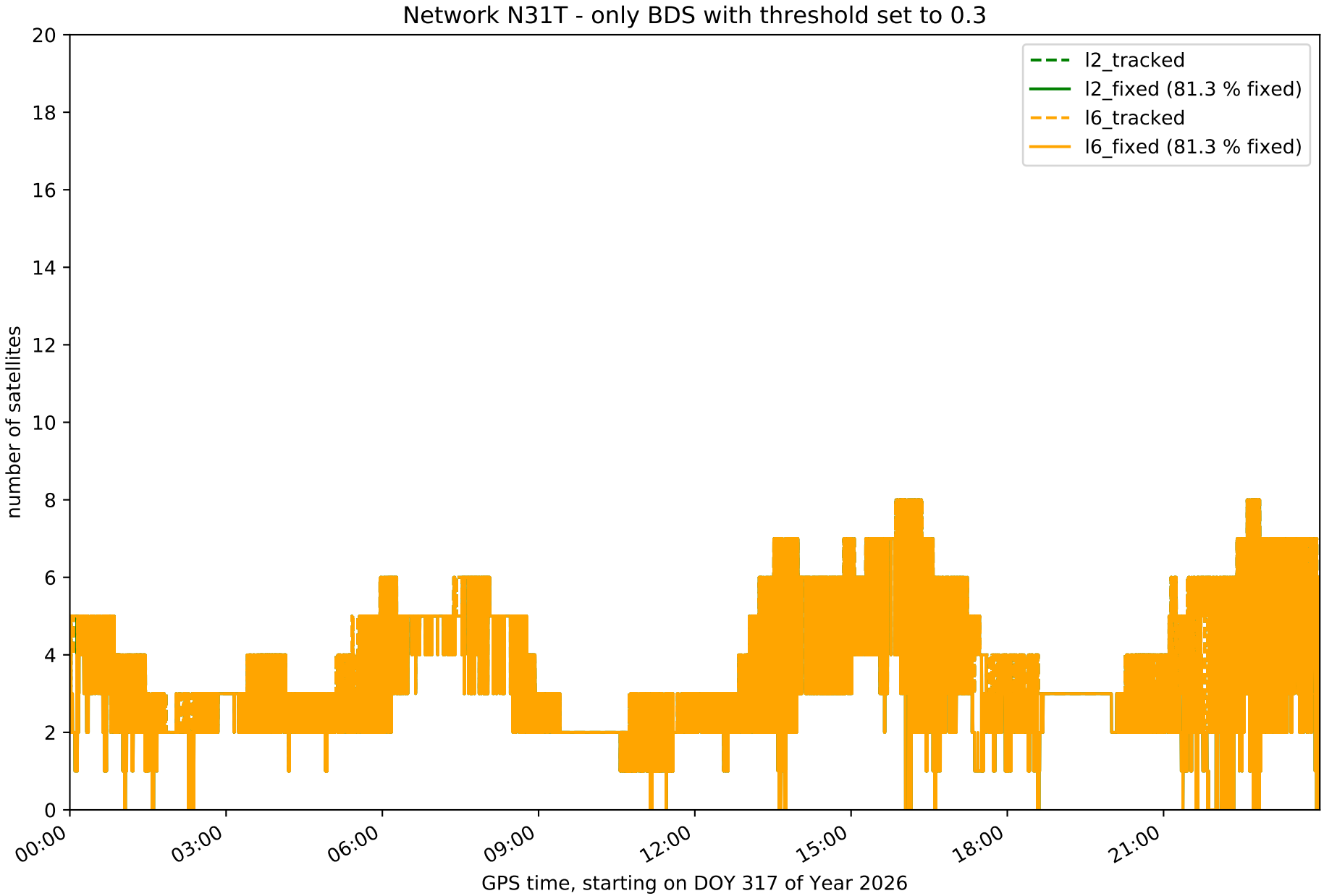

Histogram of the processing rate in network N31T (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
50000
60000
70000
1
2
3
time difference to next processed epoch [s]

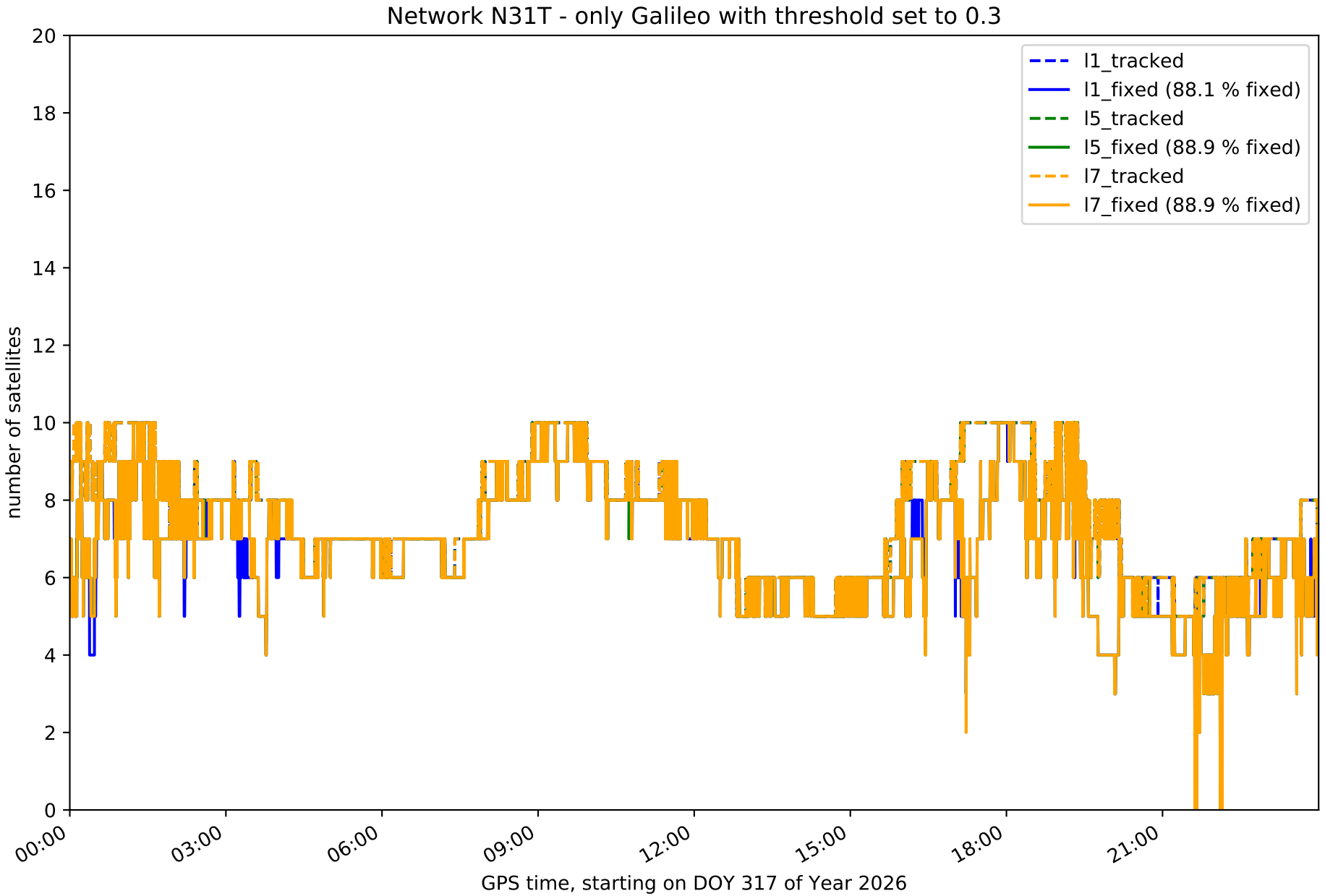

Network N31T with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 317 of Year 2026

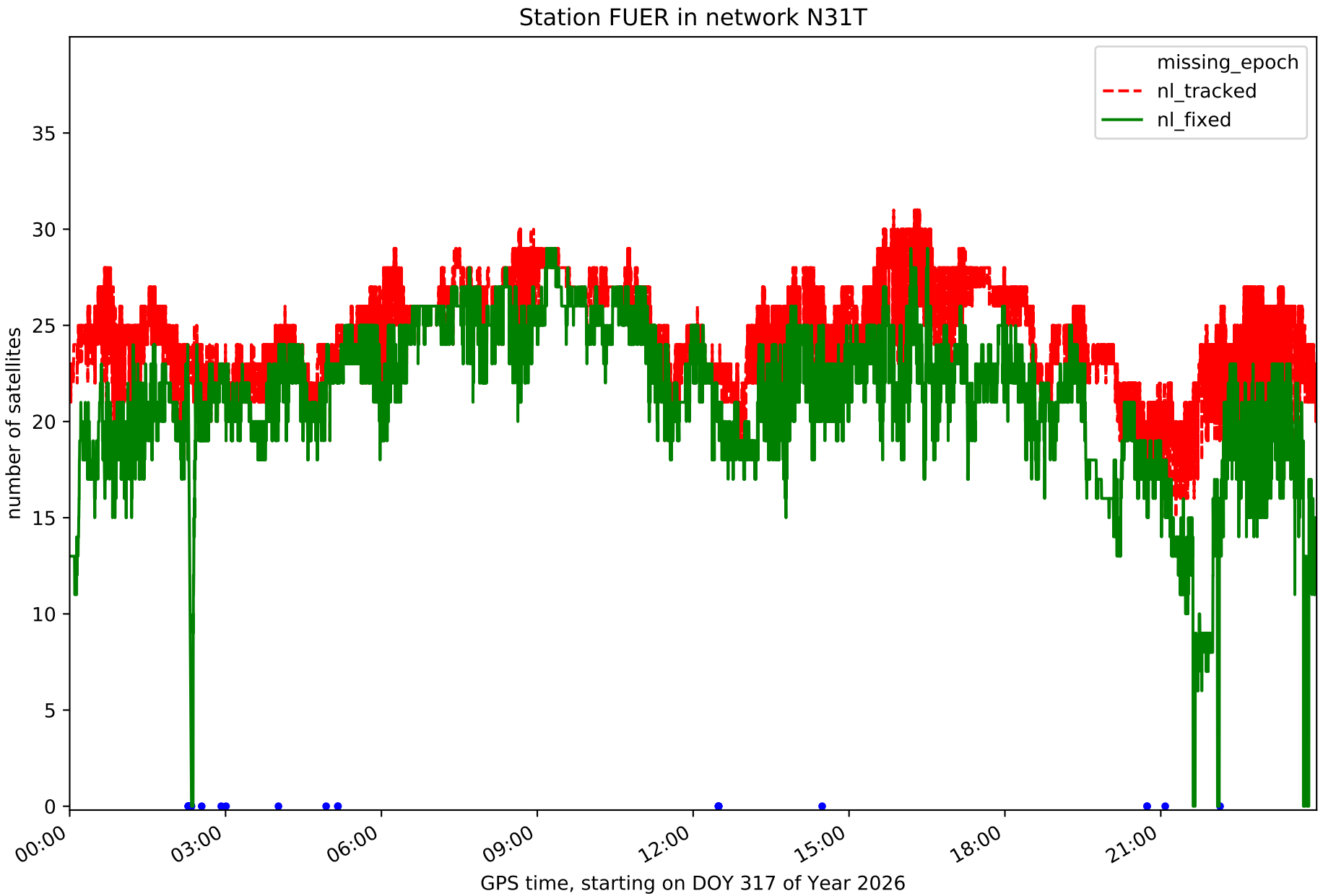

Fixing percentage of satellites in network N31T with threshold set to 0.3
percentage fixed to tracked
0
10
20
30
40
50
60
70
80
90
100
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 317 of Year 2026

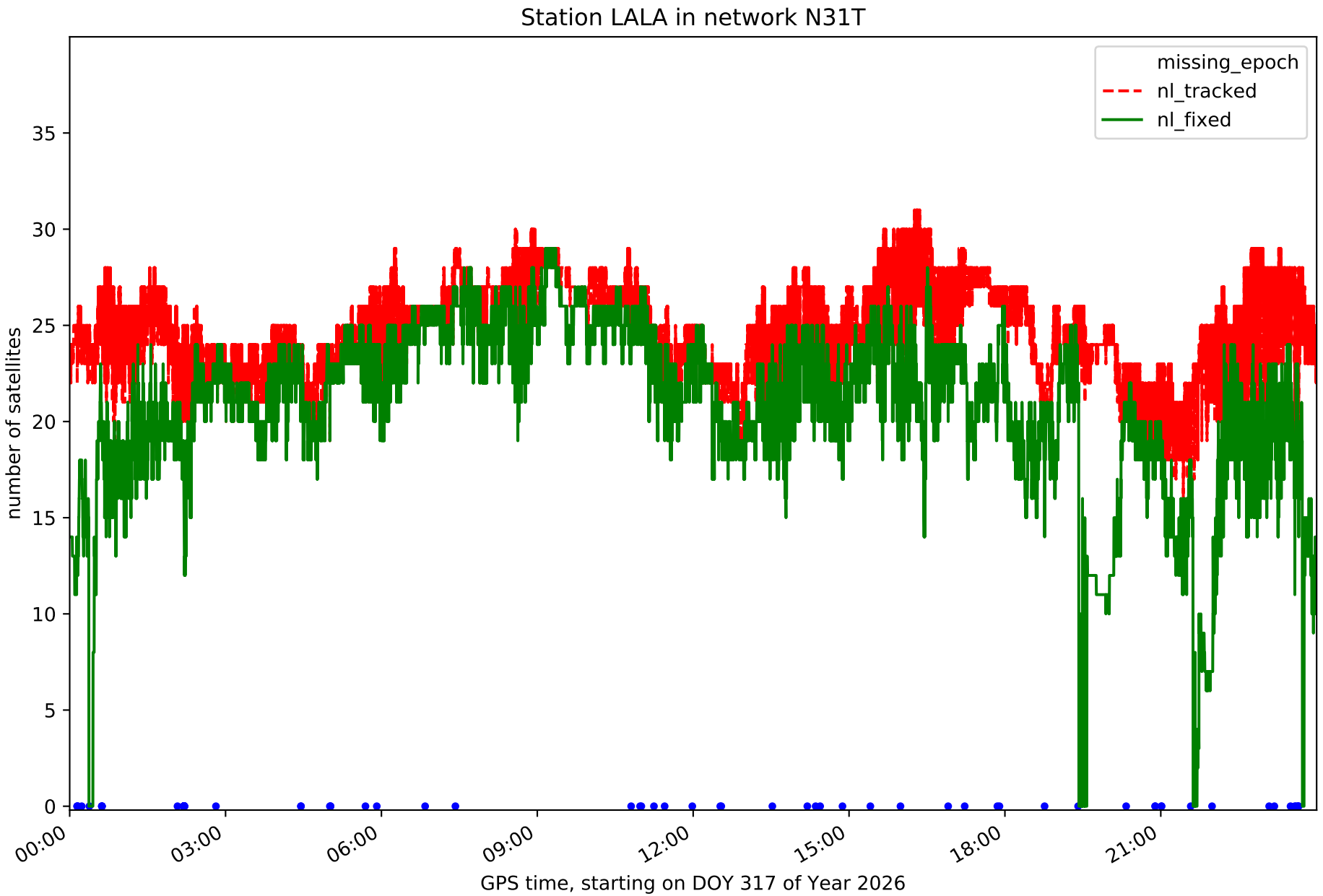

Network N31T - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 317 of Year 2026
l1_tracked
l1_fixed (89.6 % fixed)
l2_tracked
l2_fixed (89.1 % fixed)
l5_tracked
l5_fixed (88.3 % fixed)
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00

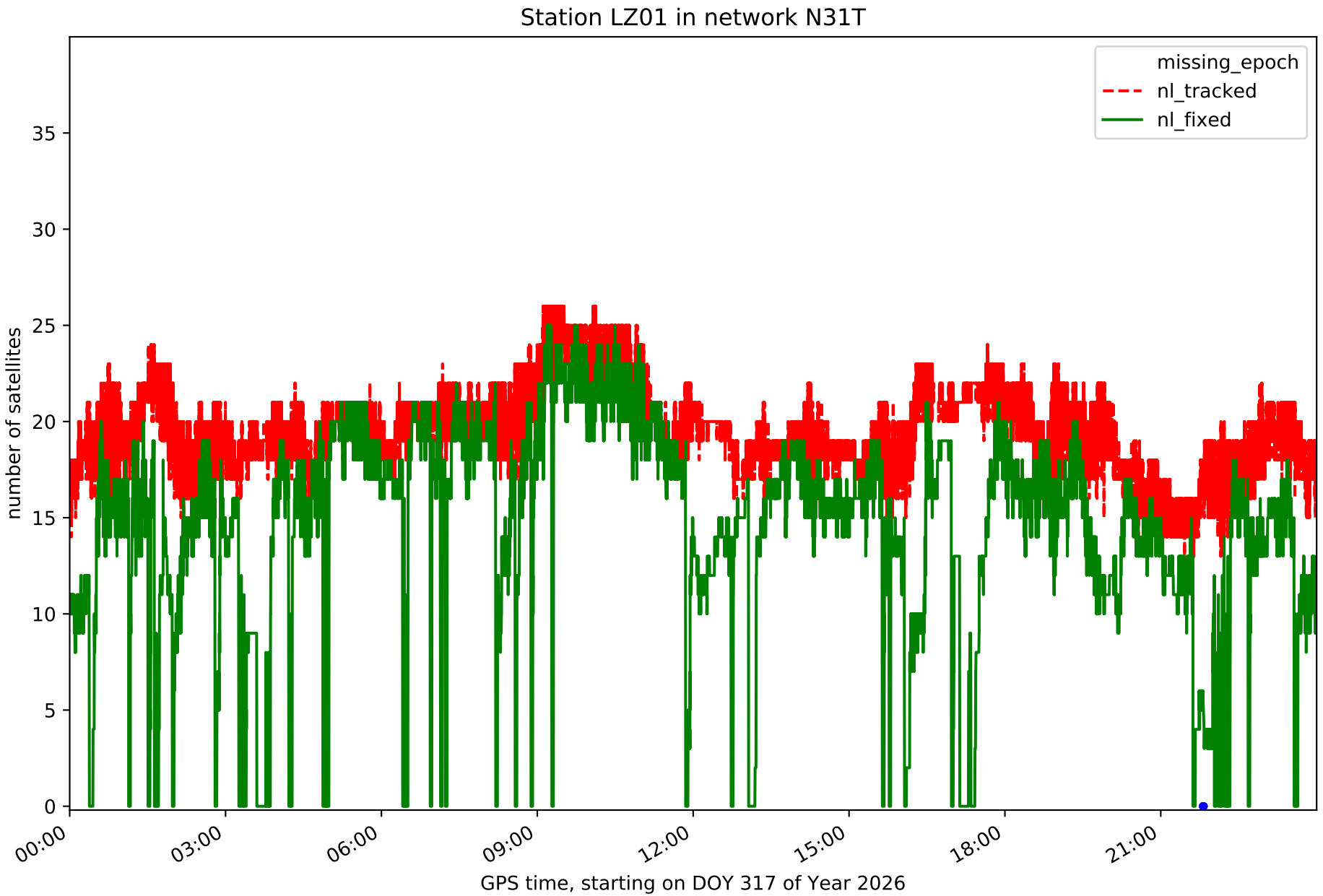

Network N31T - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (77.8 % fixed)
l2_tracked
l2_fixed (77.8 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 317 of Year 2026

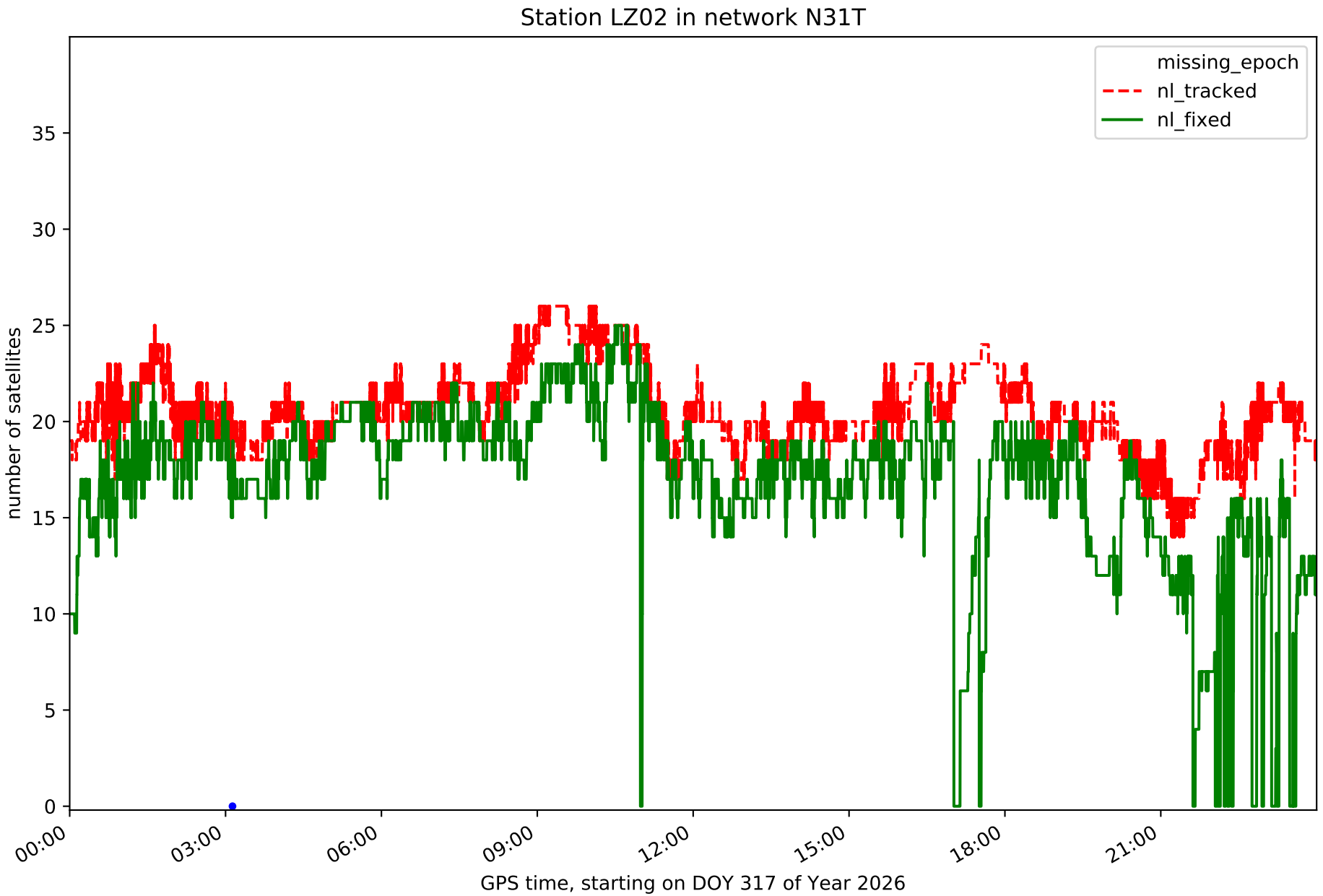

Network N31T - only BDS with threshold set to 0.3
l2_tracked
l2_fixed (81.3 % fixed)
l6_tracked
l6_fixed (81.3 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 317 of Year 2026

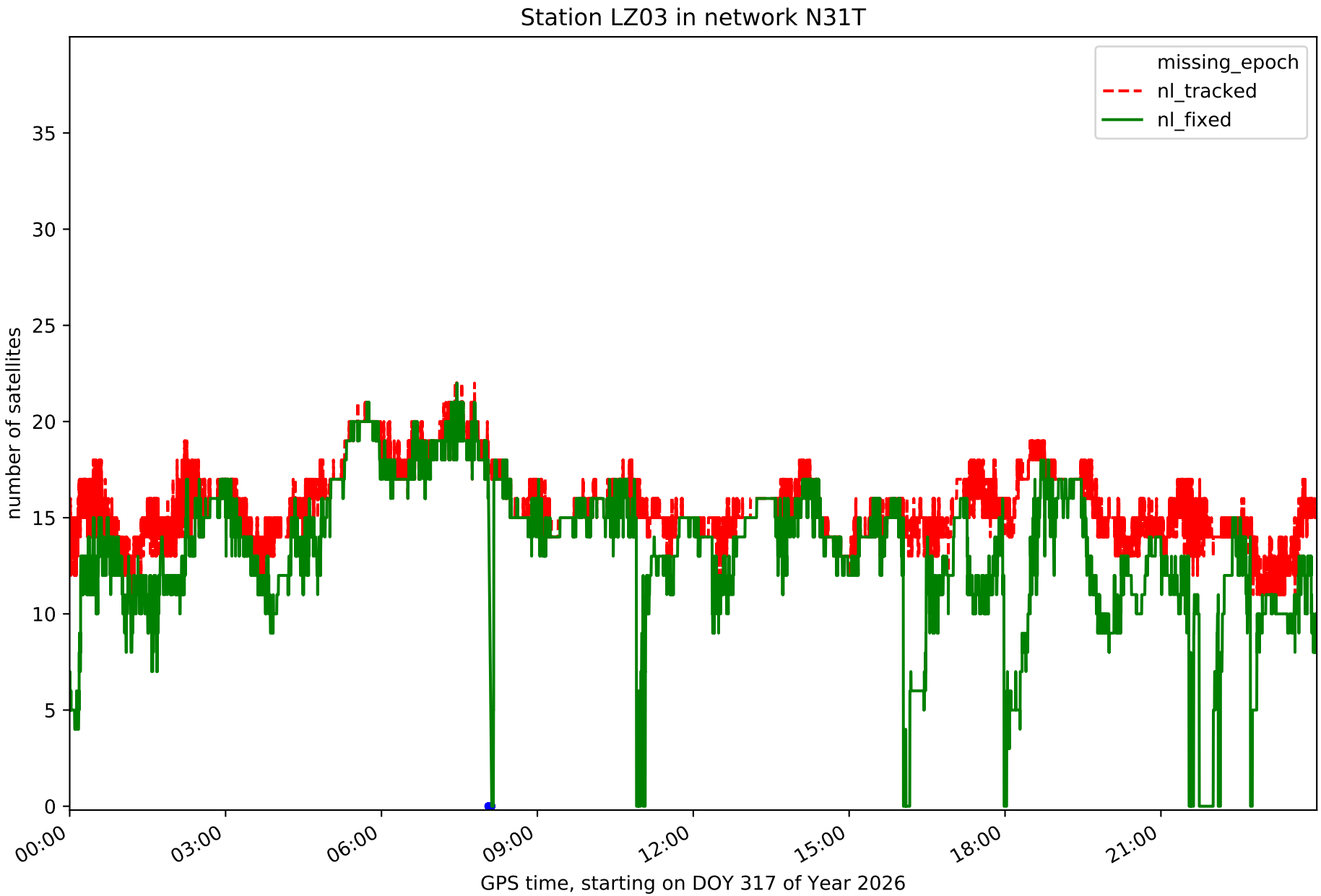

Network N31T - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 317 of Year 2026
l1_tracked
l1_fixed (88.1 % fixed)
l5_tracked
l5_fixed (88.9 % fixed)
l7_tracked
l7_fixed (88.9 % fixed)
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00

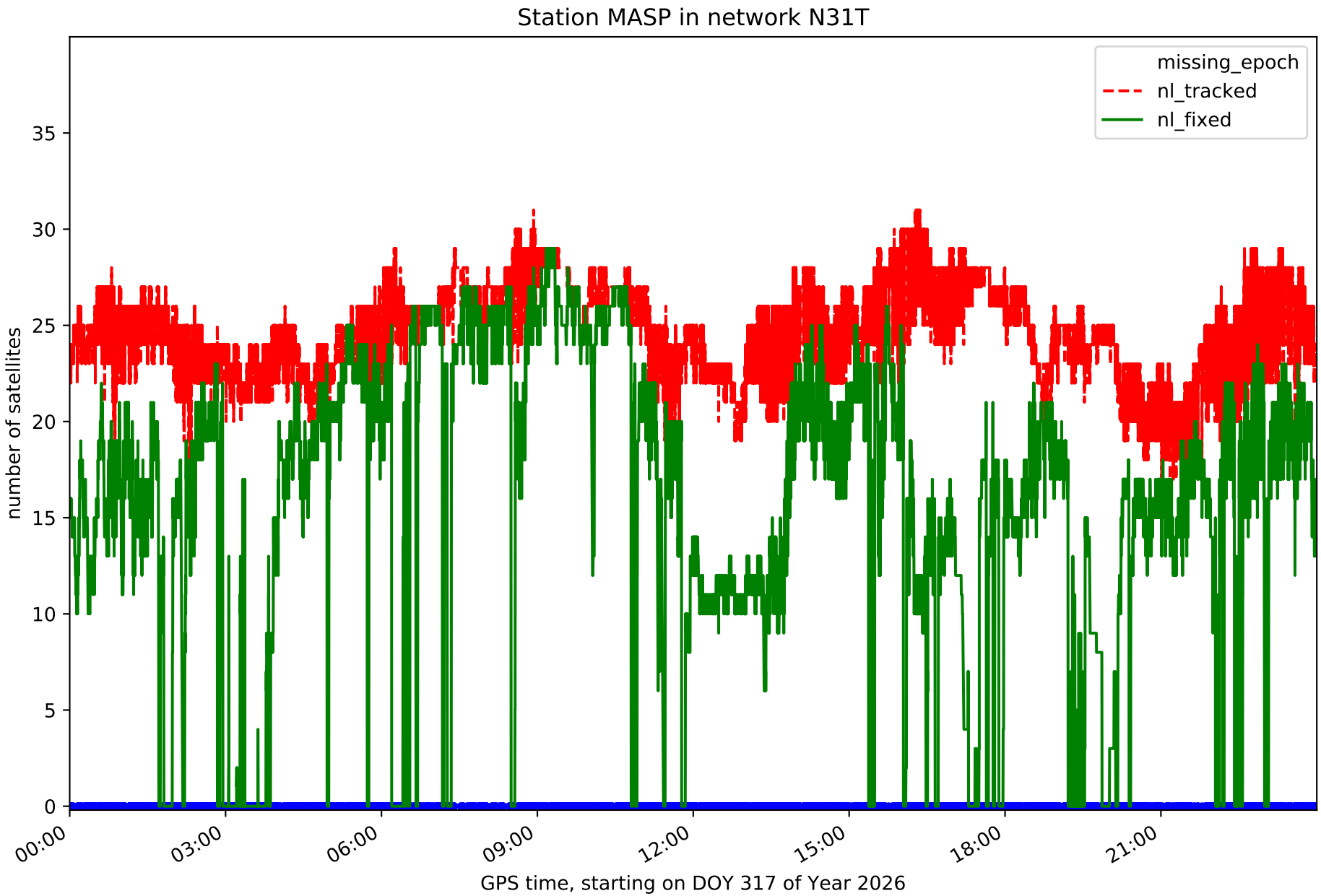

Station FUER in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 317 of Year 2026

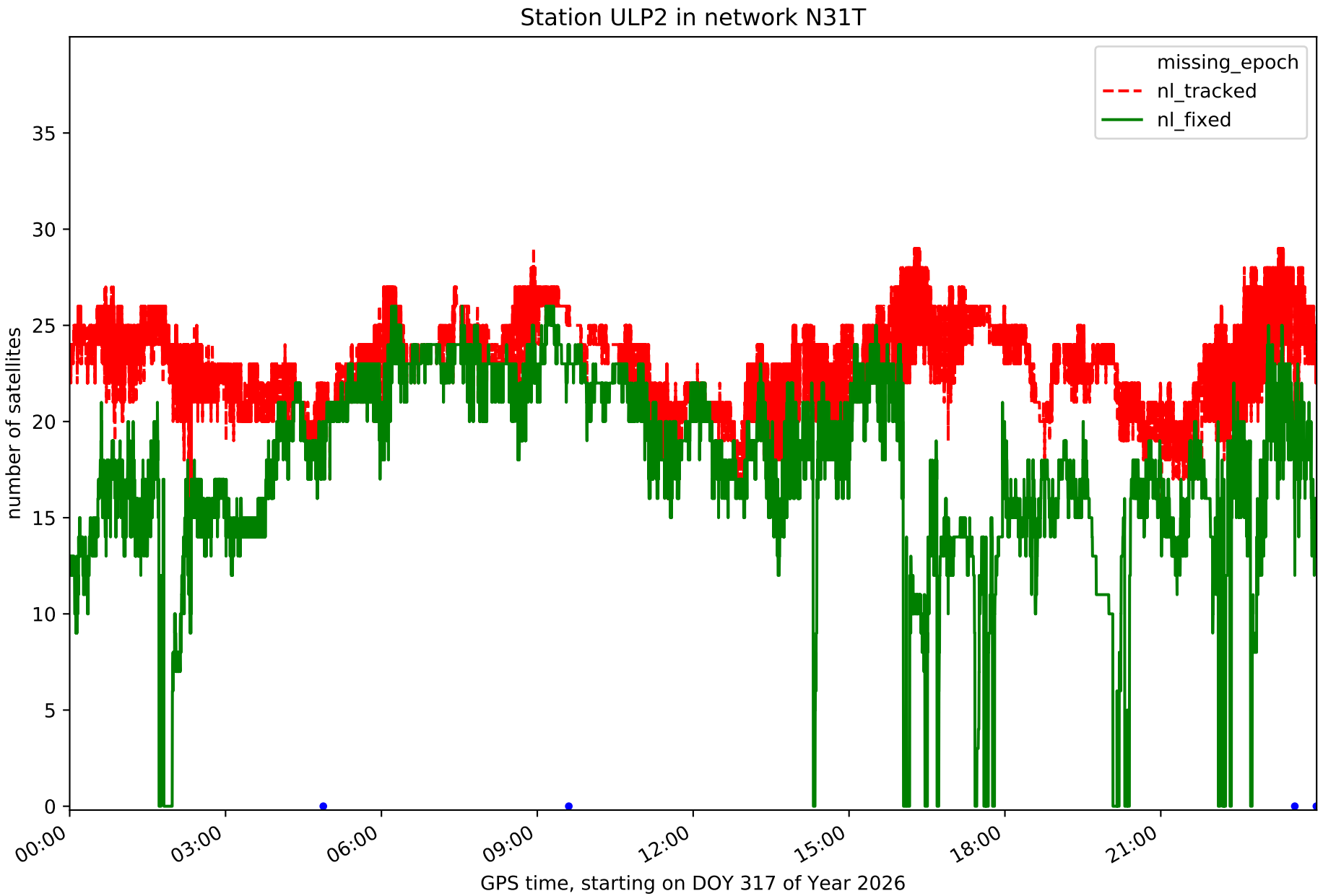

Station LALA in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 317 of Year 2026

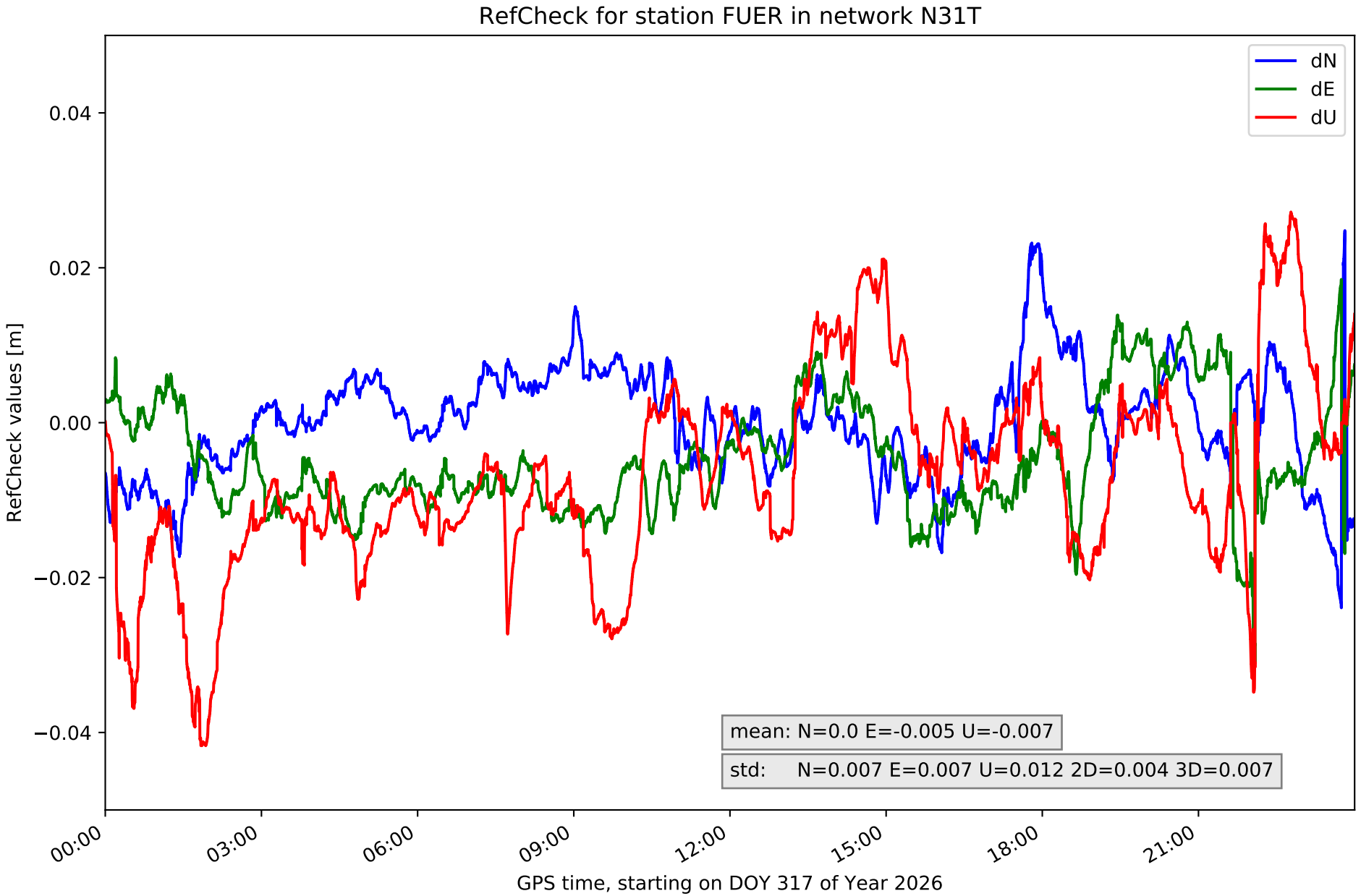

Station LZ01 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 317 of Year 2026

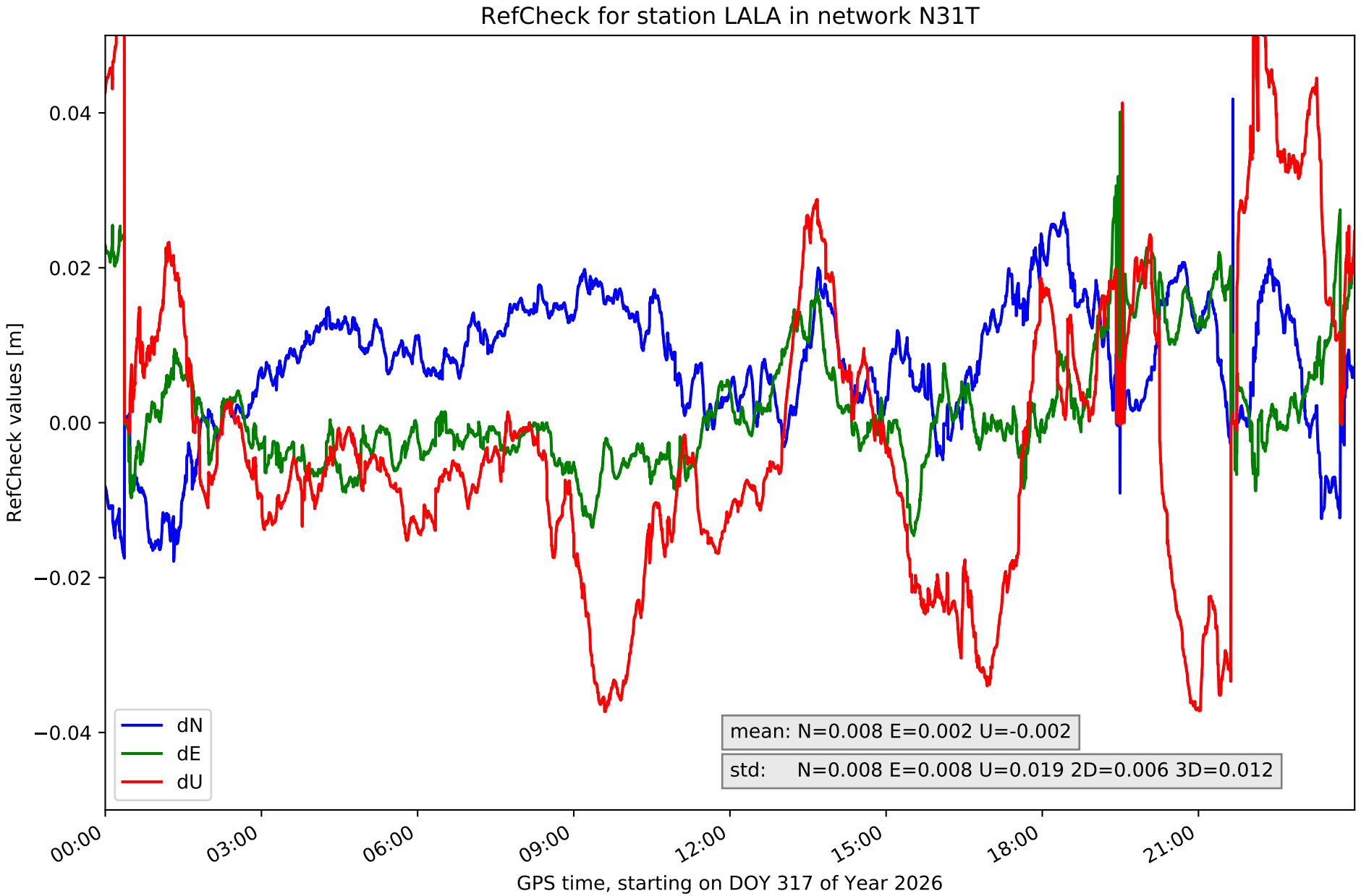

Station LZ02 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 317 of Year 2026

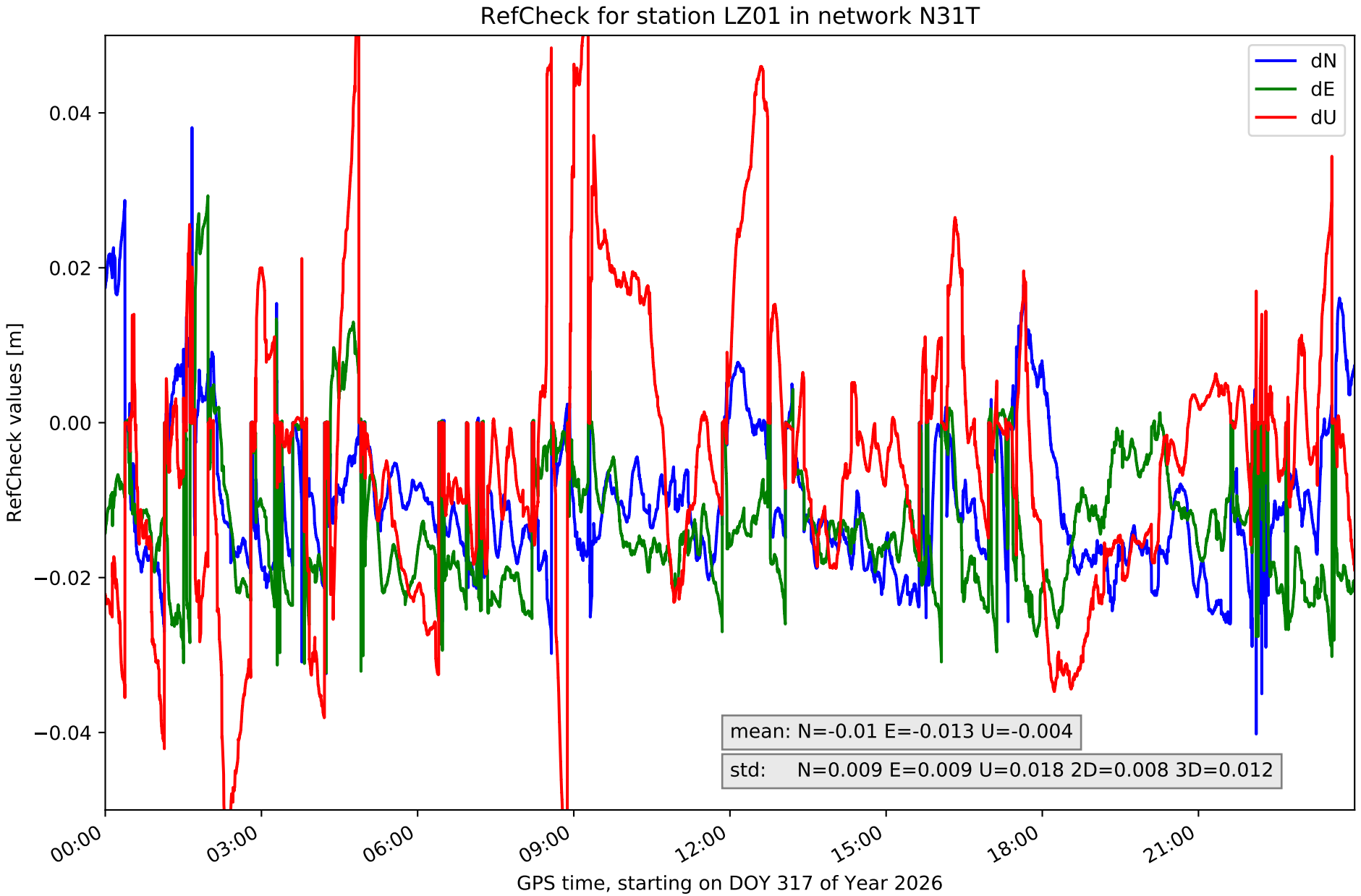

Station LZ03 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 317 of Year 2026

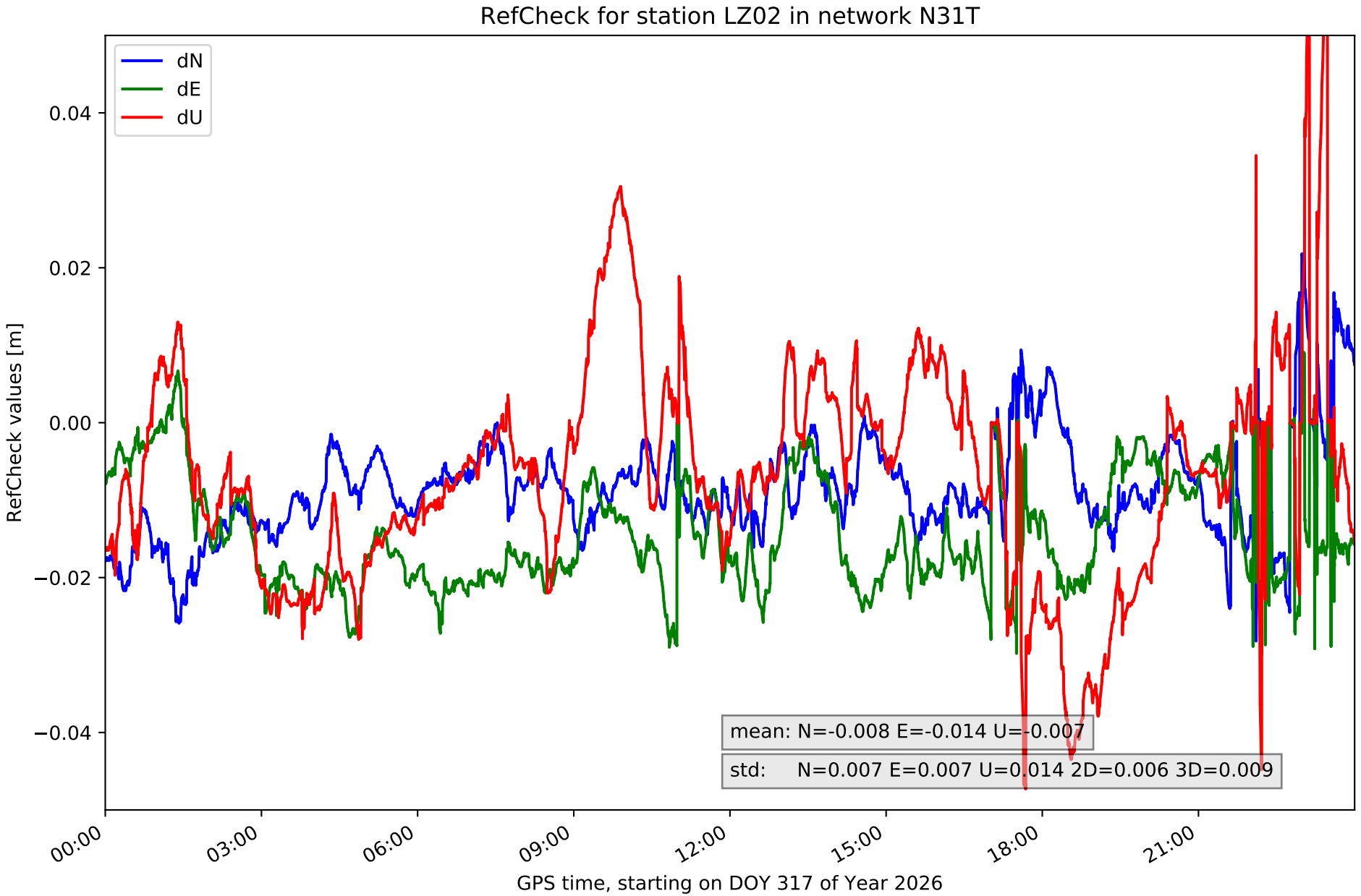

Station MASP in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 317 of Year 2026

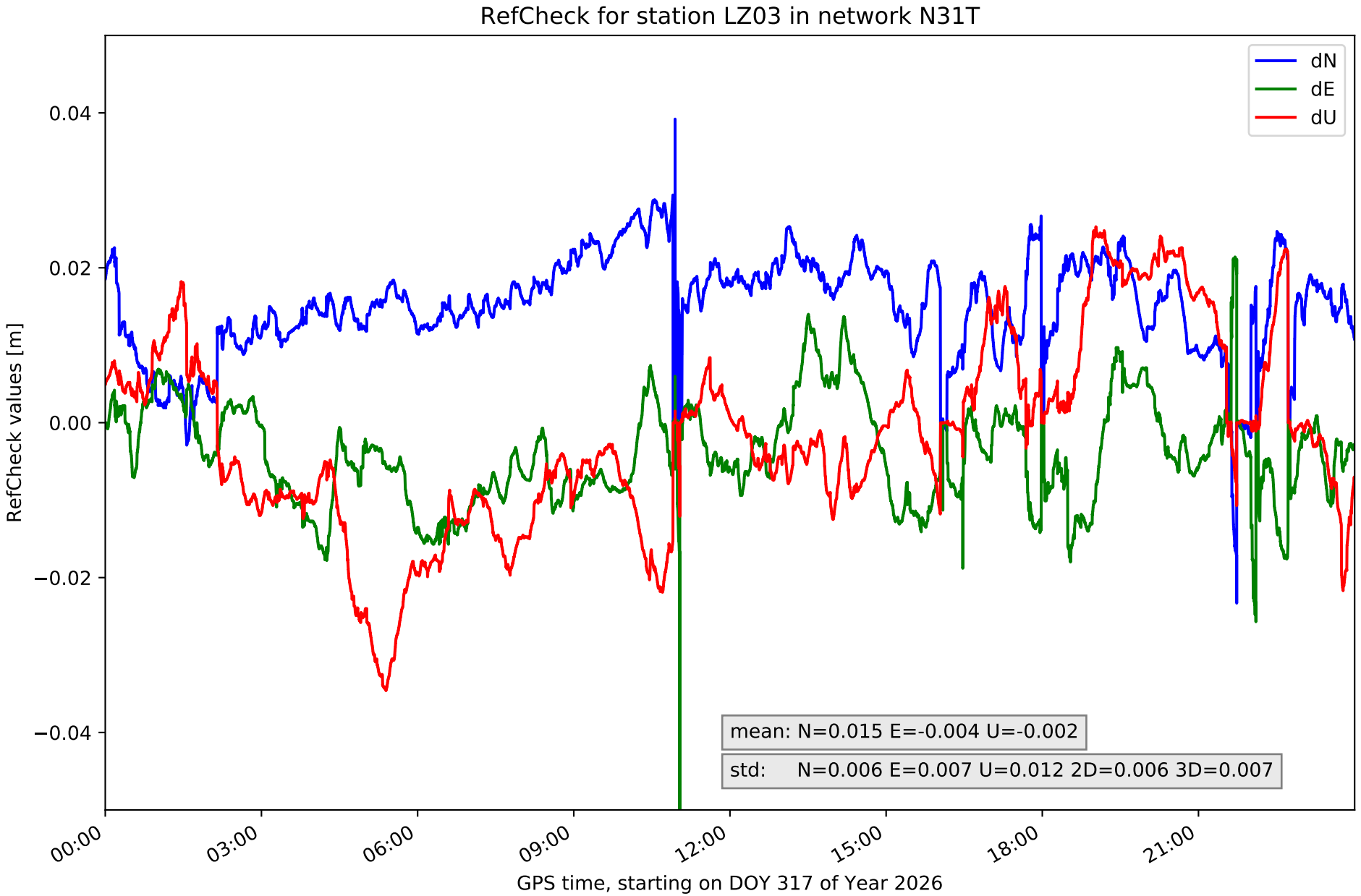

Station ULP2 in network N31T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 317 of Year 2026

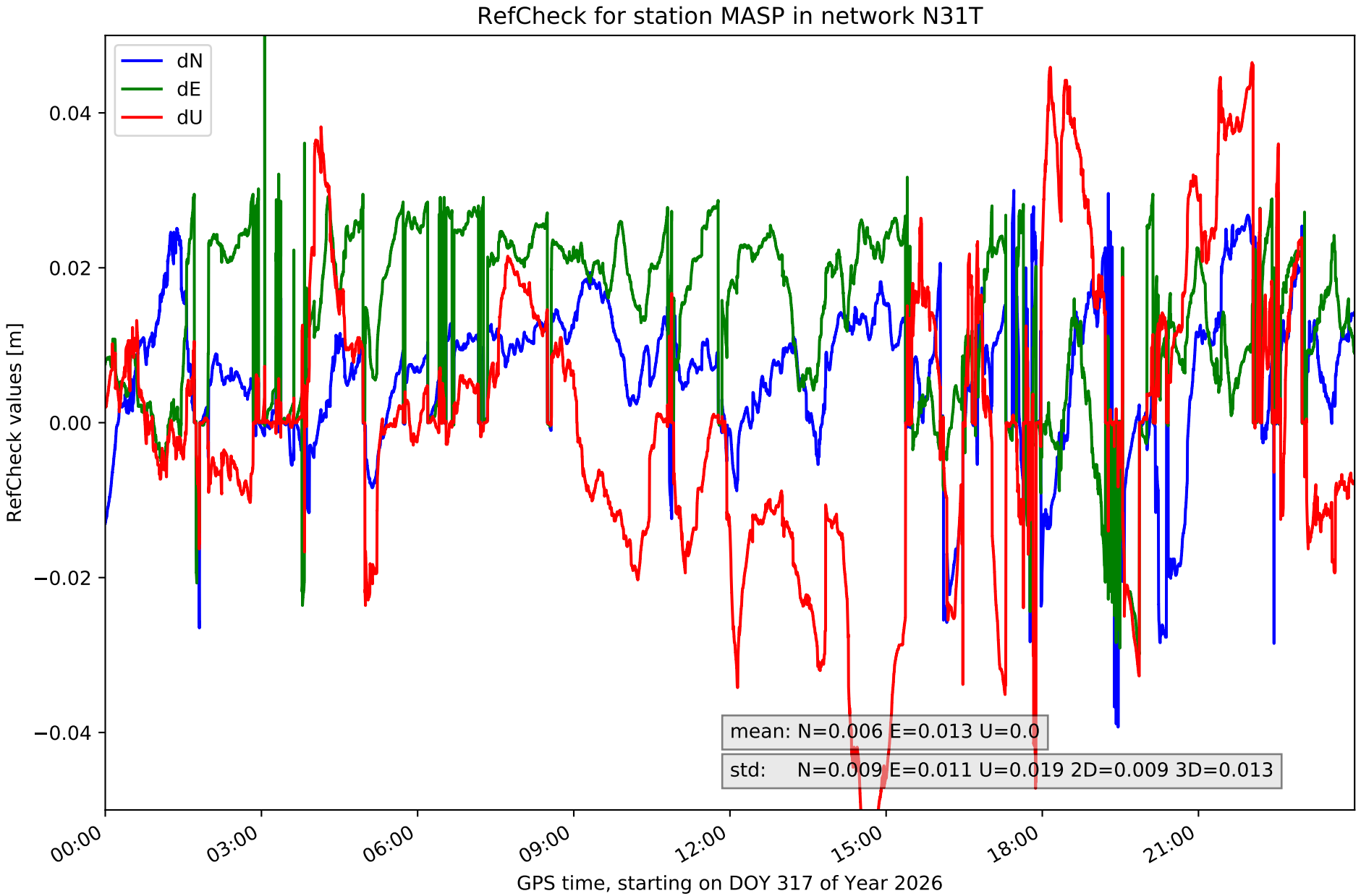

RefCheck for station FUER in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=-0.005 U=-0.007
std: N=0.007 E=0.007 U=0.012 2D=0.004 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 317 of Year 2026

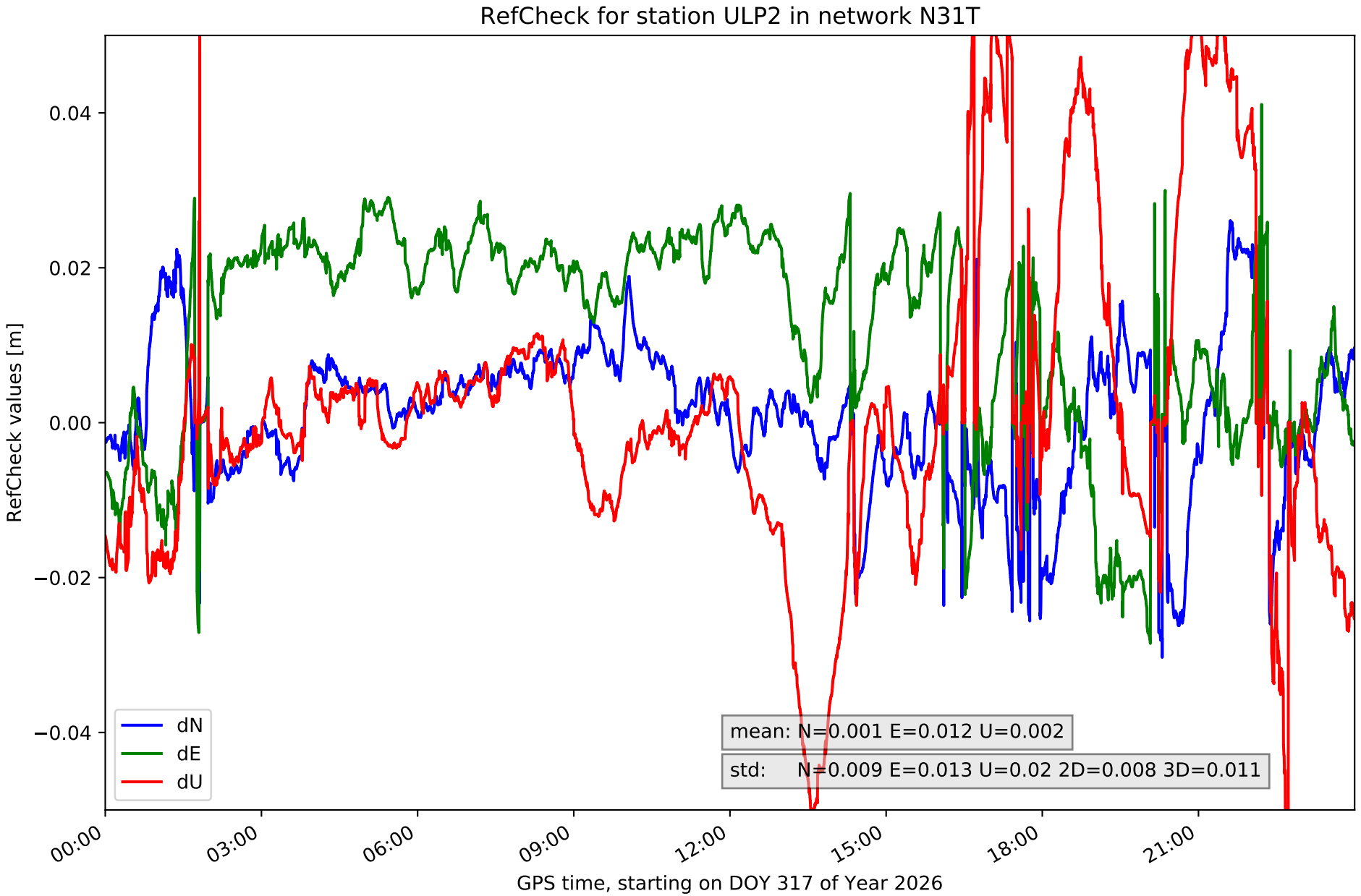

RefCheck for station LALA in network N31T
RefCheck values [m]
0.04
0.02
0.00
−0.02
−0.04
dN
dE
dU
mean: N=0.008 E=0.002 U=-0.002
std: N=0.008 E=0.008 U=0.019 2D=0.006 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 317 of Year 2026


RefCheck for station LZ01 in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.01 E=-0.013 U=-0.004
std: N=0.009 E=0.009 U=0.018 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 317 of Year 2026


RefCheck for station LZ02 in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.008 E=-0.014 U=-0.007
std: N=0.007 E=0.007 U=0.014 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 317 of Year 2026


RefCheck for station LZ03 in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.015 E=-0.004 U=-0.002
std: N=0.006 E=0.007 U=0.012 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 317 of Year 2026


RefCheck for station MASP in network N31T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.006 E=0.013 U=0.0
std: N=0.009 E=0.011 U=0.019 2D=0.009 3D=0.013
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 317 of Year 2026


RefCheck for station ULP2 in network N31T
RefCheck values [m]
0.04
0.02
0.00
−0.02
−0.04
dN
dE
dU
mean: N=0.001 E=0.012 U=0.002
std: N=0.009 E=0.013 U=0.02 2D=0.008 3D=0.011
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 317 of Year 2026

RefCheck values for network N31T

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	-0.024	0.025	0.007	-0.031	0.018	0.007	-0.042	0.027	0.012	0.004	0.007	38013	47.4	19709	24.6
LALA	-0.018	**0.042**	0.008	-0.015	0.04	0.008	-0.037	0.058	0.019	0.006	0.012	48832	60.9	35724	44.6
LZ01	**-0.04**	0.038	**0.009**	-0.032	0.029	0.009	**-0.06**	0.063	0.018	0.008	0.012	68041	84.9	62277	77.7
LZ02	-0.028	0.022	0.007	-0.03	0.015	0.007	-0.047	0.06	0.014	0.006	0.009	**72954**	**91.0**	56944	71.0
LZ03	-0.023	0.039	0.006	**-0.054**	0.021	0.007	-0.035	0.025	0.012	0.006	0.007	69863	87.1	45226	56.4
MASP	-0.039	0.03	**0.009**	-0.03	**0.052**	0.011	-0.058	0.046	0.019	**0.009**	**0.013**	63226	78.9	58799	73.3
ULP2	-0.03	0.026	**0.009**	-0.029	0.041	**0.013**	**-0.06**	**0.076**	**0.02**	0.008	0.011	65524	81.7	**64599**	**80.6**
Mean	**-0.029**	**0.032**	**0.008**	**-0.032**	**0.031**	**0.009**	**-0.048**	**0.051**	**0.016**	**0.007**	**0.01**	**60921.9**	**76.0**	**49039.7**	**61.2**
Min/Max	**-0.04**	**0.042**	**0.009**	**-0.054**	**0.052**	**0.013**	**-0.06**	**0.076**	**0.02**	**0.009**	**0.013**	**72954**	**91.0**	**64599**	**80.6**

fixing statistic for network N31T

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	85.3	89.6	77.8	88.1	81.3
considering satellites with dual-frequency fixed	77.8	80.4	70.6	79.8	78.2
considering all signals separately	78.7	80.5	70.6	80.8	78.2