# summary for network N32T

timeperiod chosen: from 2026-11-08-00:00:00 until 2026-11-08-23:59:58

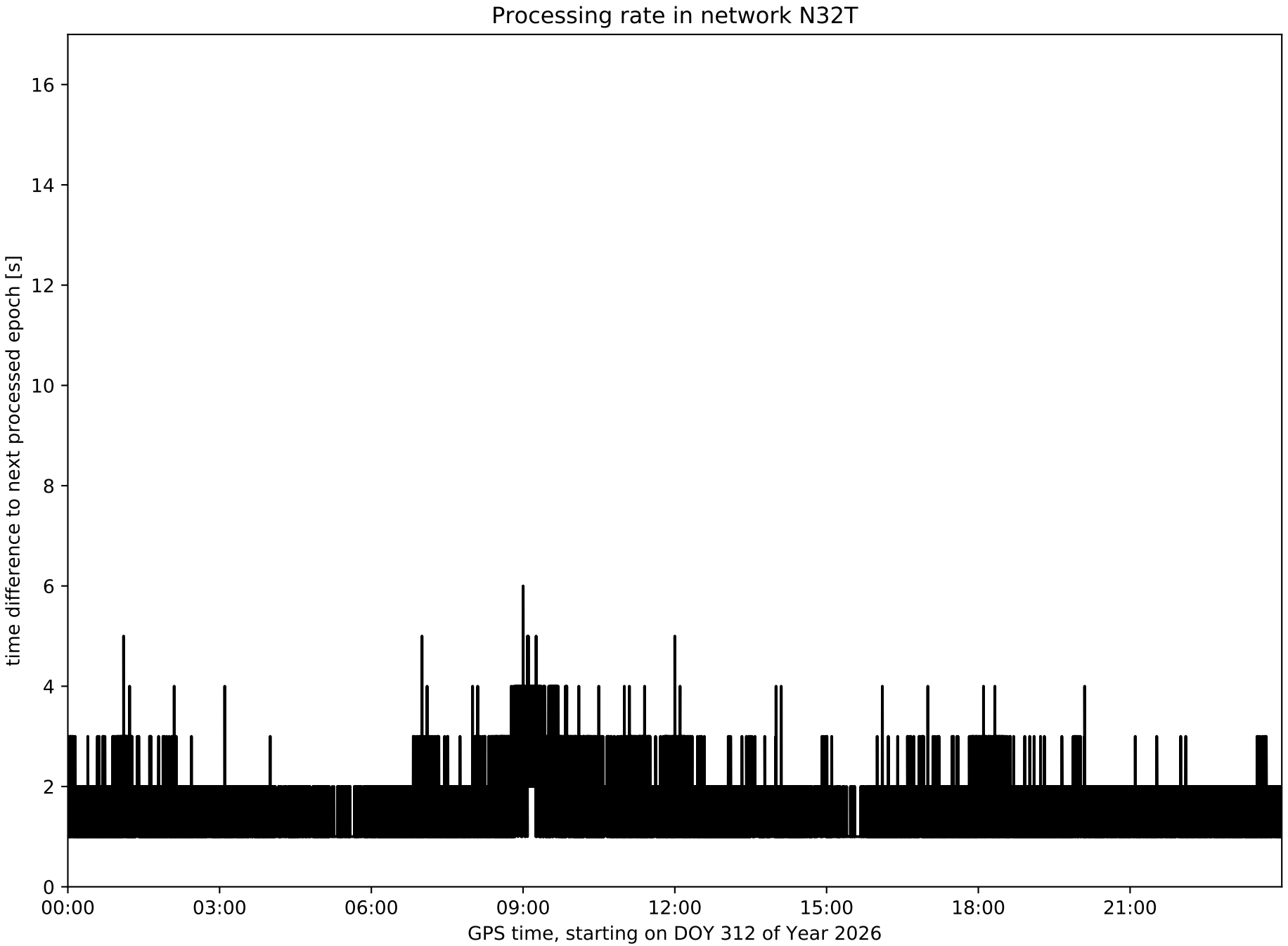
average update rate (durations larger than 15 seconds considered as observation gap): 1.2 seconds

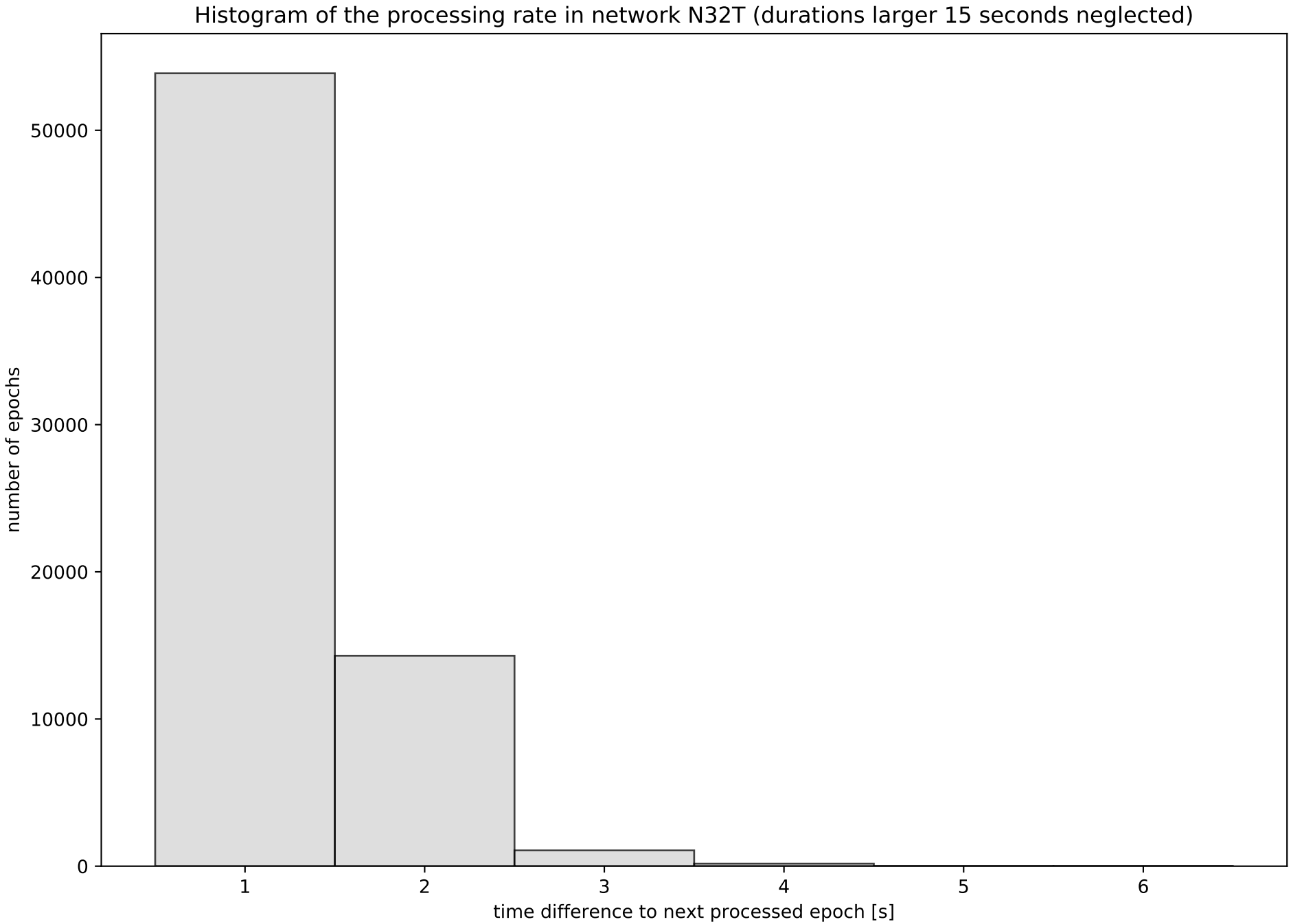
average fixing percentage with threshold set to 0.3: 81.5 percent

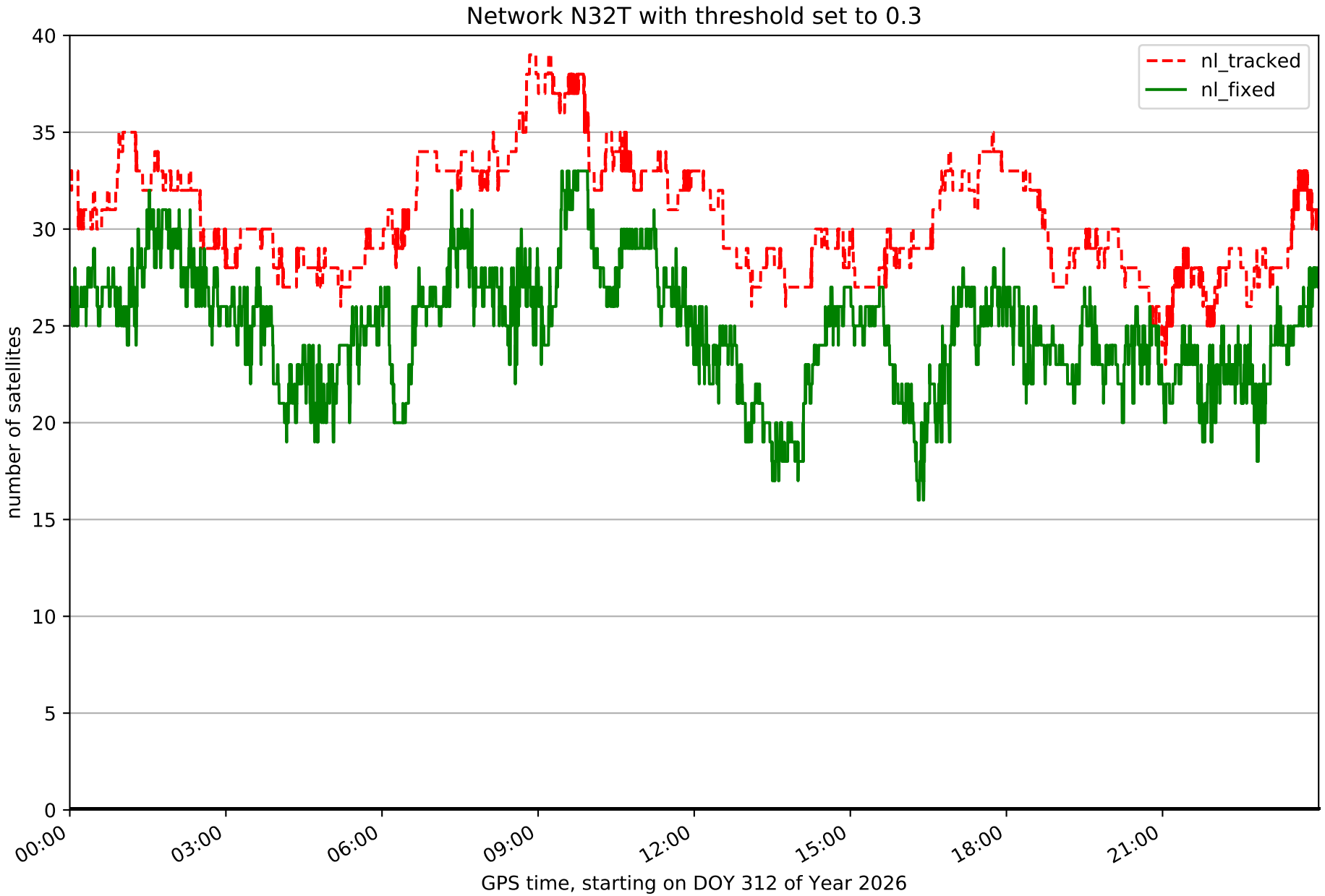
stations available: 15 of 15

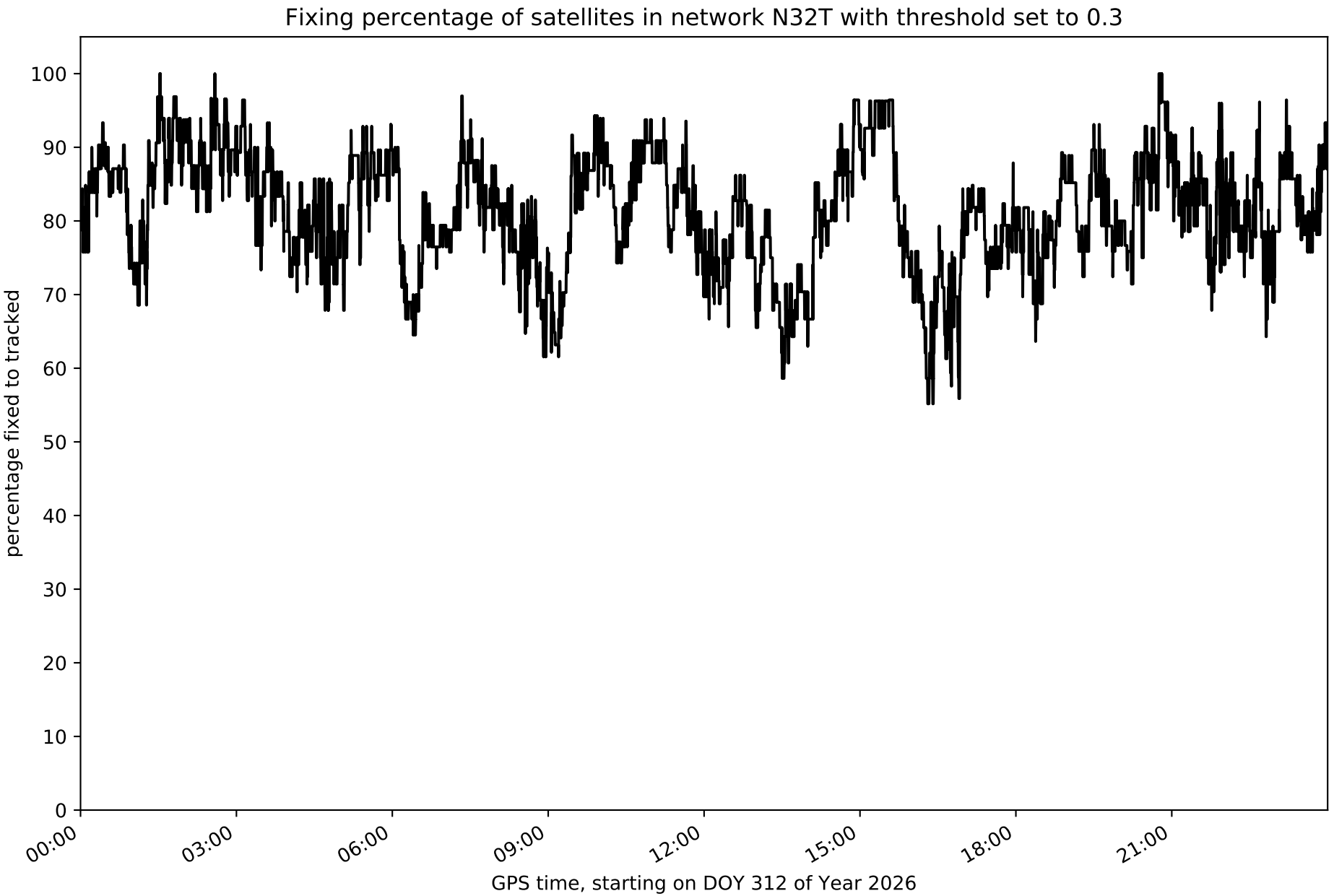
station information:

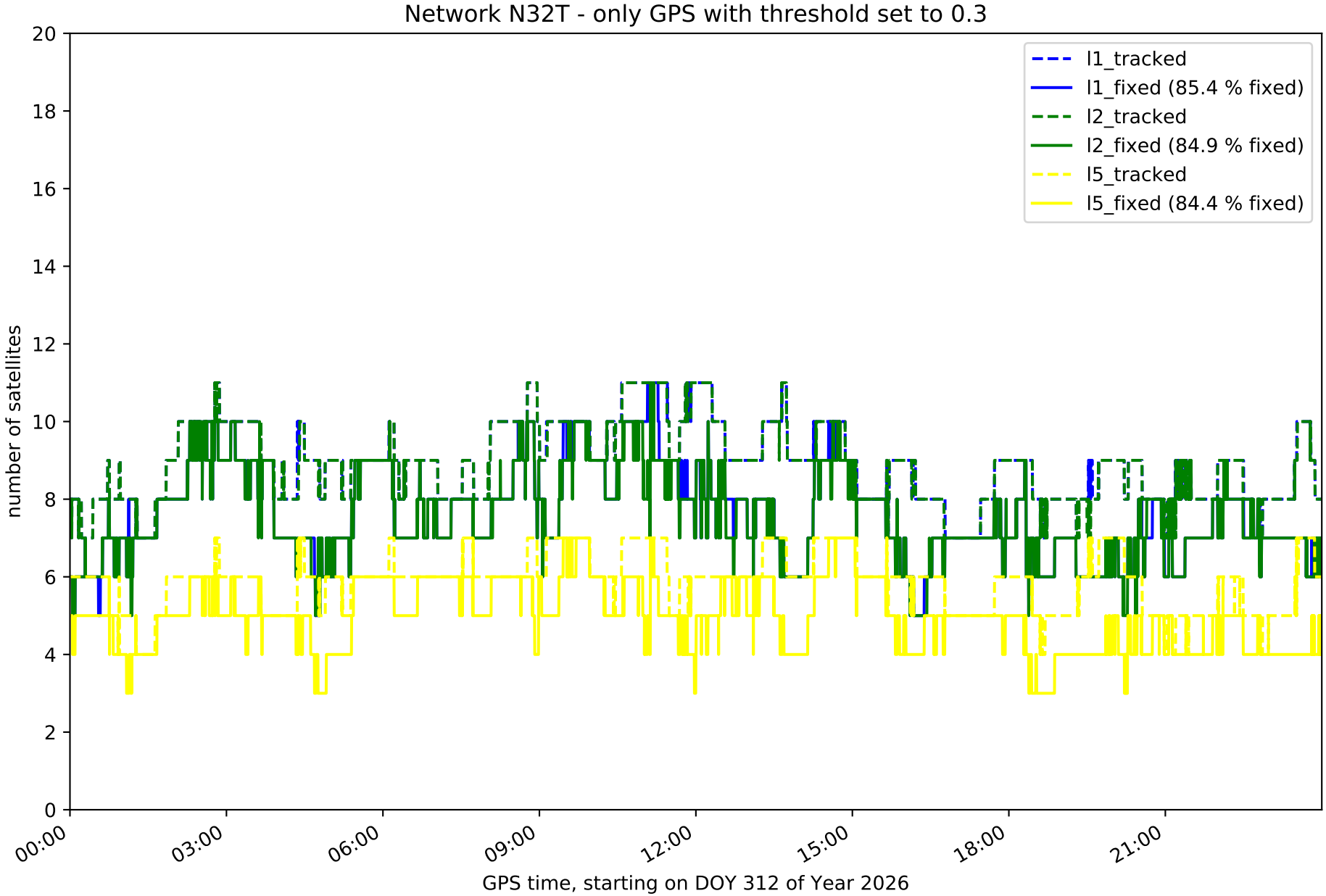
| | | | | |
|---|---|---|---|---|
| station EH01: | antenna: LEIAR20 | LEIM | receiver: LEICA GR25 | height: 801.016 |
| station EH02: | antenna: LEIAR20 | LEIM | receiver: LEICA GR50 | height: 85.385 |
| station GOM1: | antenna: LEIAR20 | LEIM | receiver: LEICA GR50 | height: 48.789 |
| station GOME: | antenna: LEIAR20 | LEIM | receiver: LEICA GR50 | height: 114.977 |
| station IZAN: | antenna: LEIAT504GG | LEIS | receiver: LEICA GR50 | height: 2417.44 |
| station LP01: | antenna: TRM57971.00 | NONE | receiver: TRIMBLE ALLOY | height: 675.249 |
| station LP03: | antenna: TRM59900.00 | NONE | receiver: TRIMBLE NETR9 | height: 919.563 |
| station LPAL: | antenna: LEIAR20 | LEIM | receiver: LEICA GR50 | height: 2199.31 |
| station LRES: | antenna: LEIAR20 | NONE | receiver: LEICA GR25 | height: 51.241 |
| station TN01: | antenna: LEIAR20 | LEIM | receiver: LEICA GR50 | height: 51.859 |
| station TN02: | antenna: TRM159900.00 | SCIS | receiver: TRIMBLE ALLOY | height: 54.509 |
| station TN03: | antenna: TRM159900.00 | SCIS | receiver: TRIMBLE ALLOY | height: 58.588 |
| station TN06: | antenna: LEIAR20 | NONE | receiver: LEICA GR50 | height: 1053.548 |
| station TN09: | antenna: LEIAR20 | NONE | receiver: LEICA GR50 | height: 1582.15 |
| station TE11: | antenna: LEIAR10 | NONE | receiver: LEICA GR25 | height: 2092.021 |

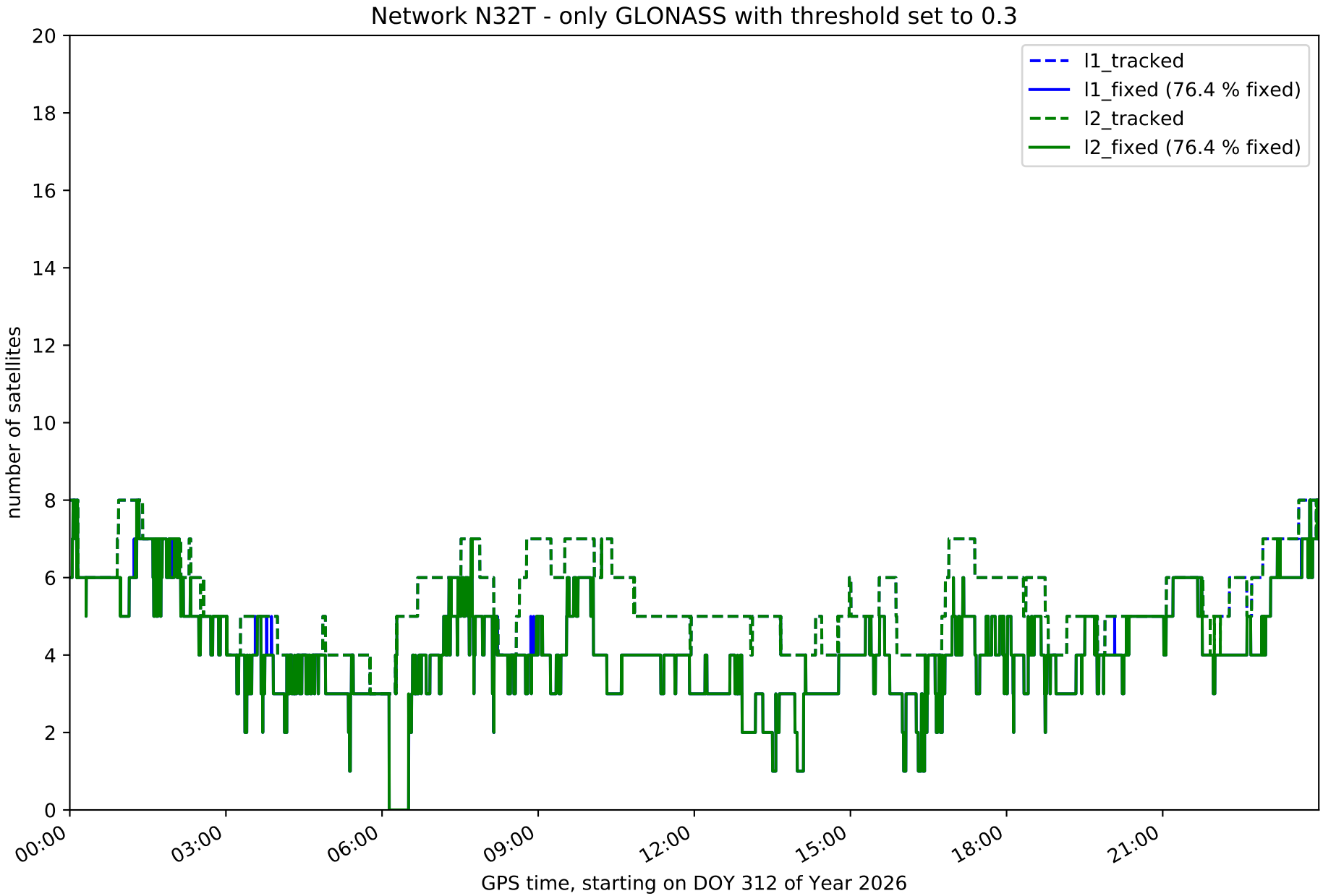

Processing rate in network N32T
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

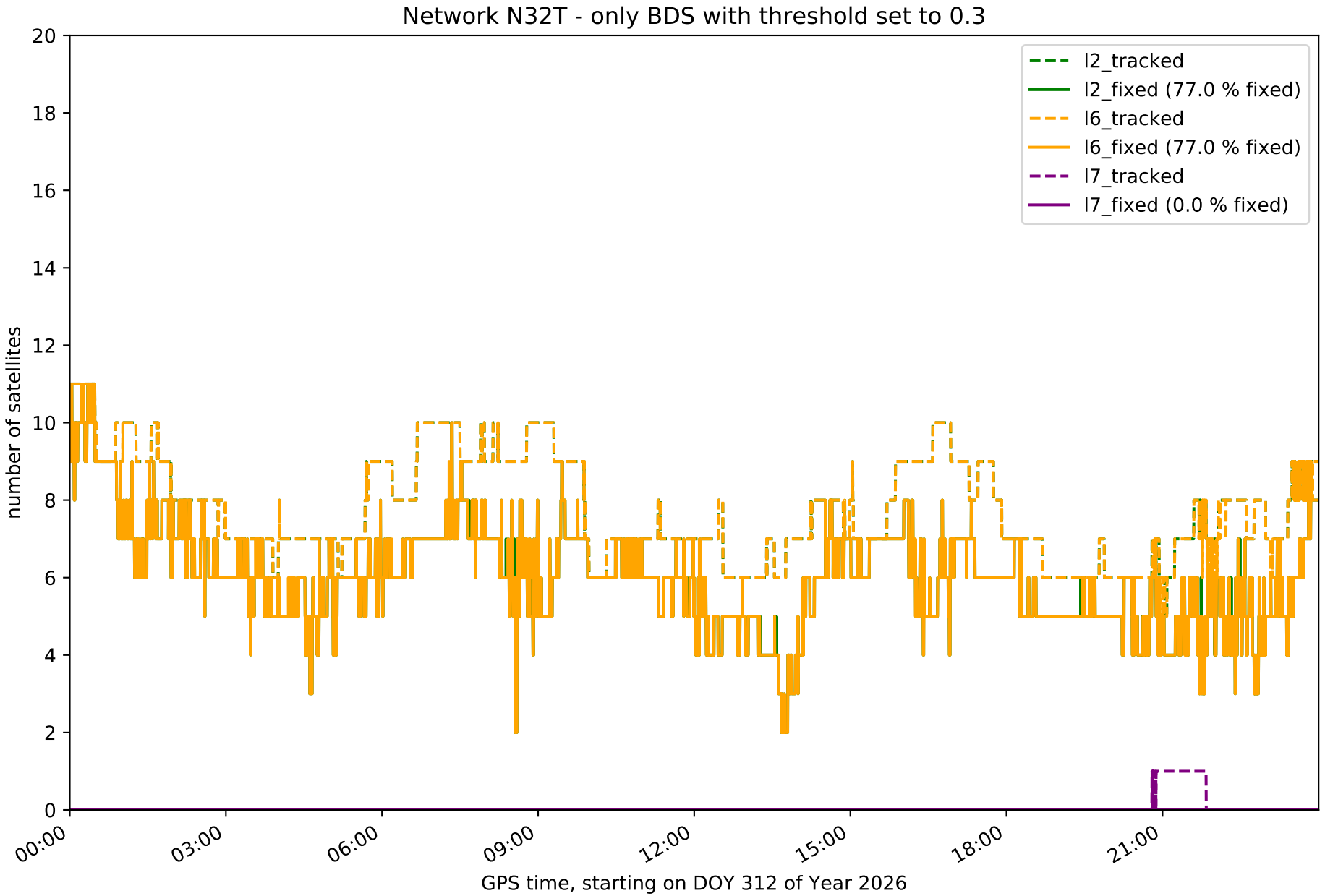

Histogram of the processing rate in network N32T (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
50000
1
2
3
4
5
6
time difference to next processed epoch [s]

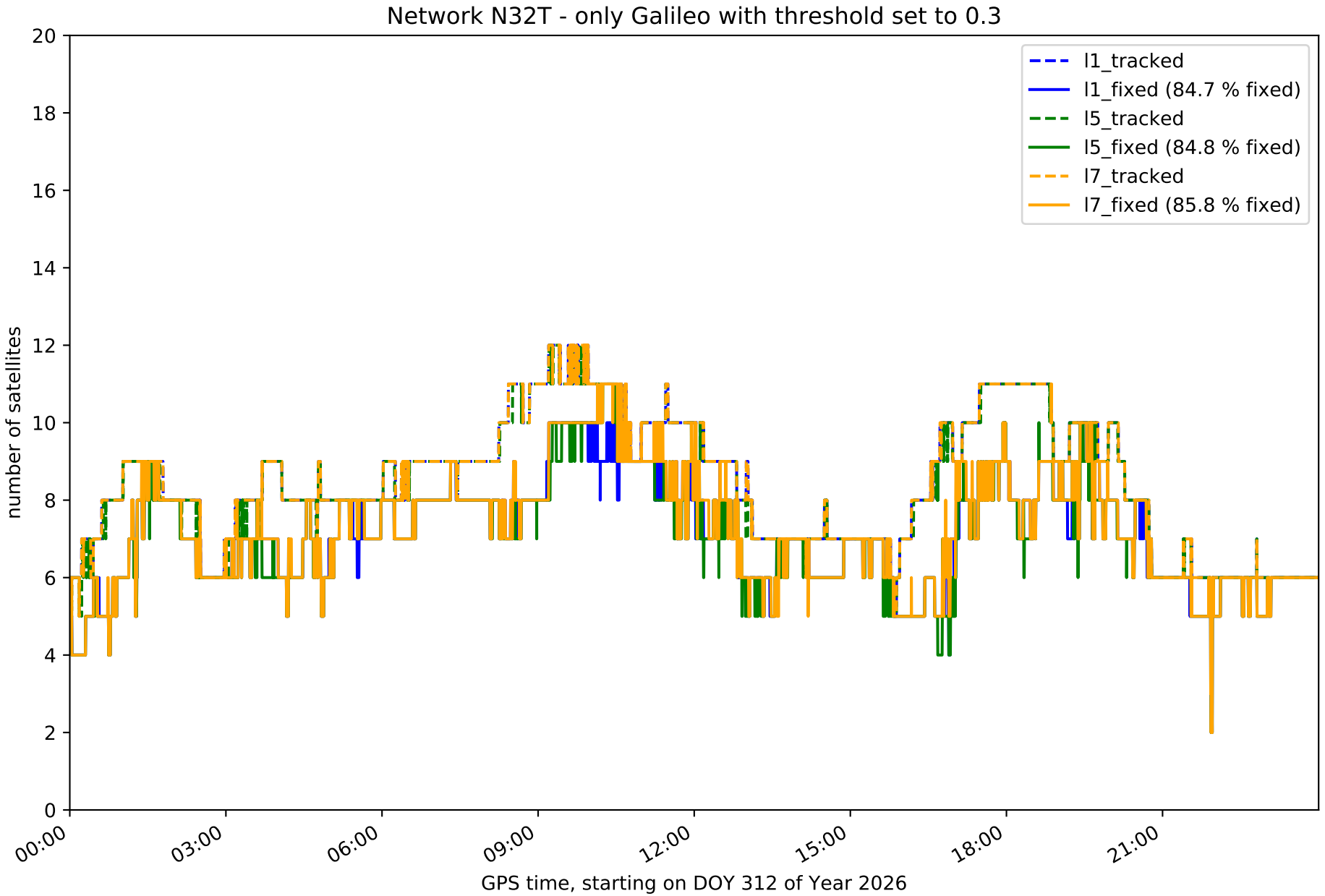

Network N32T with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

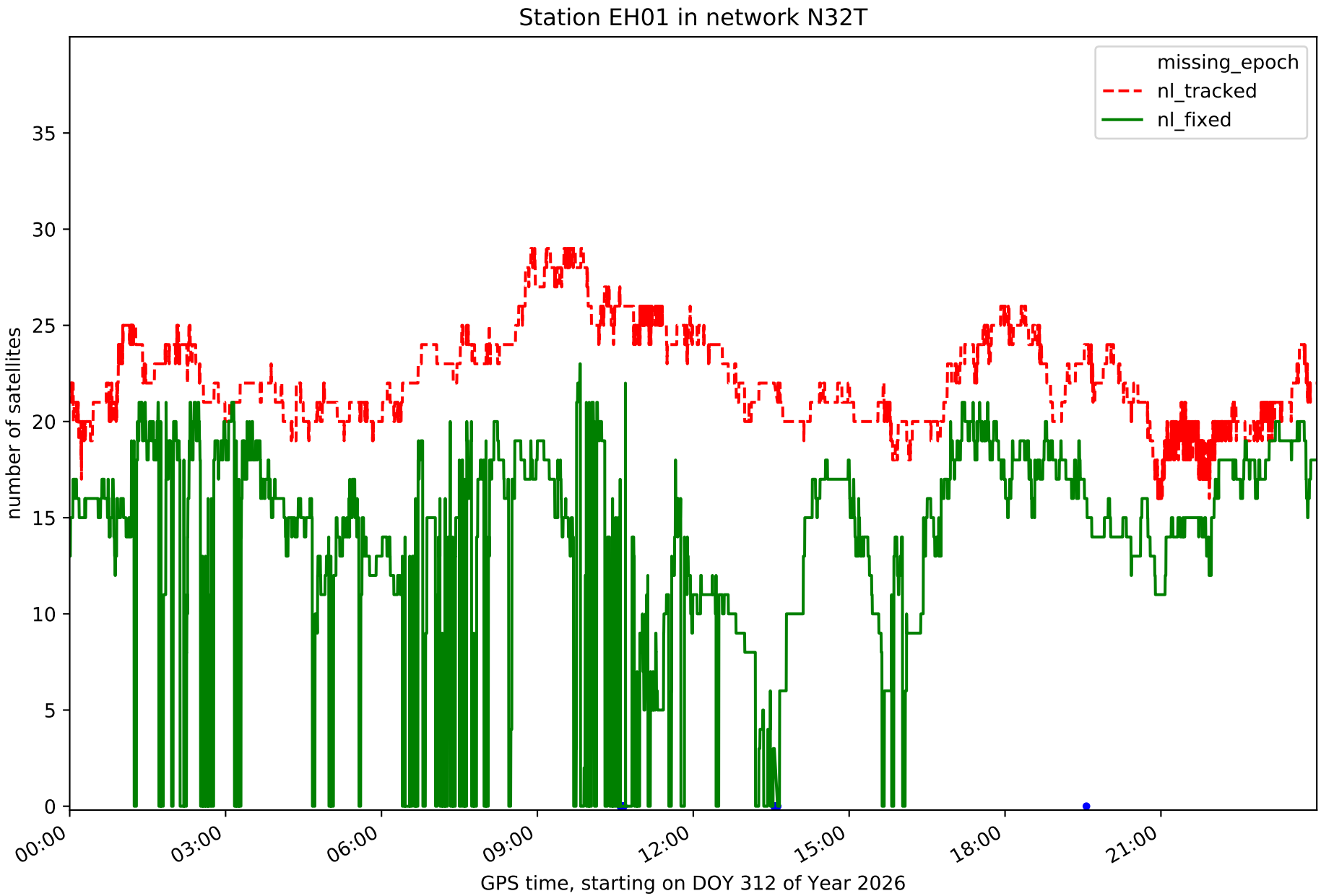

Fixing percentage of satellites in network N32T with threshold set to 0.3
percentage fixed to tracked
0
10
20
30
40
50
60
70
80
90
100
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

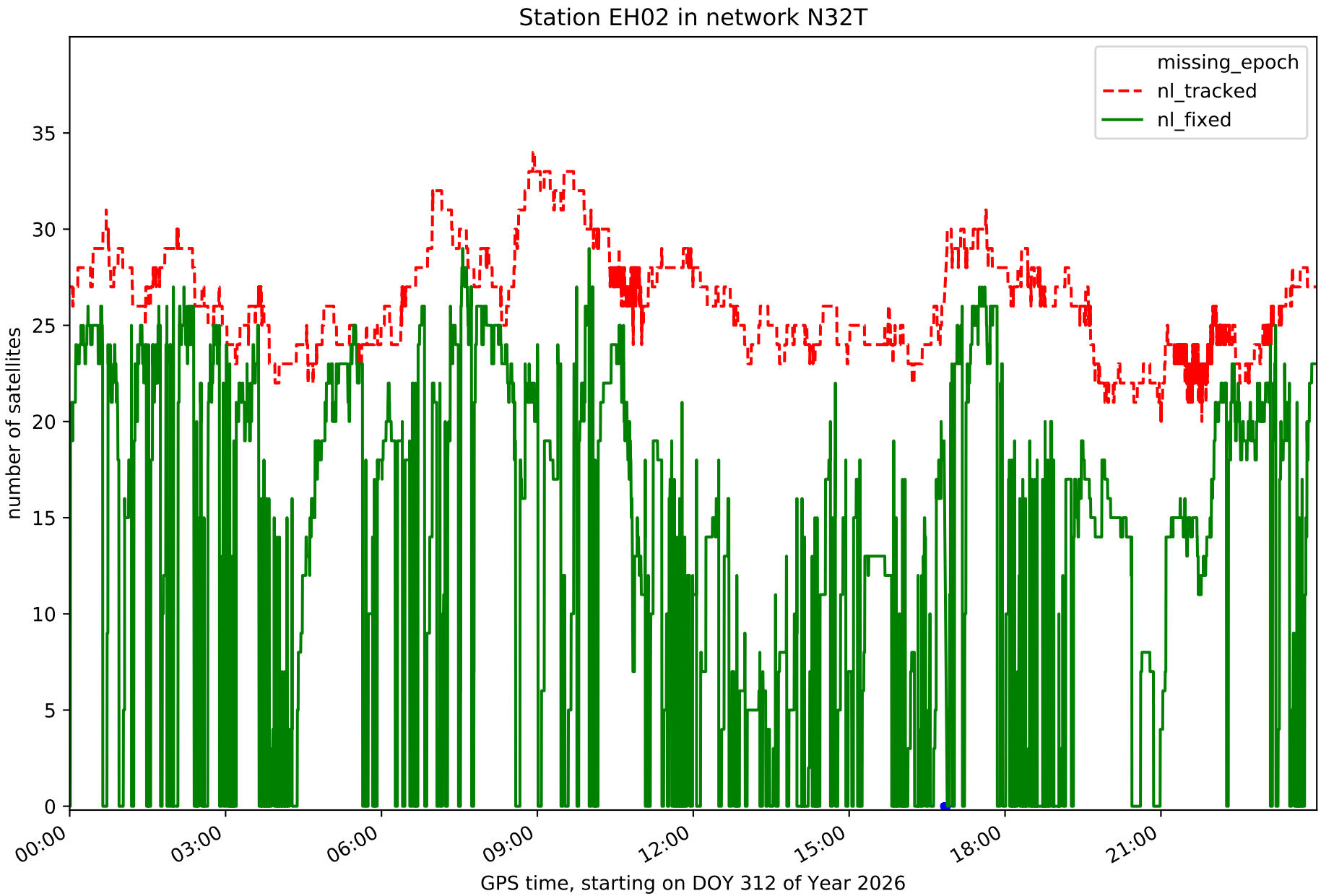

Network N32T - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 312 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (85.4 % fixed)
l2_tracked
l2_fixed (84.9 % fixed)
l5_tracked
l5_fixed (84.4 % fixed)

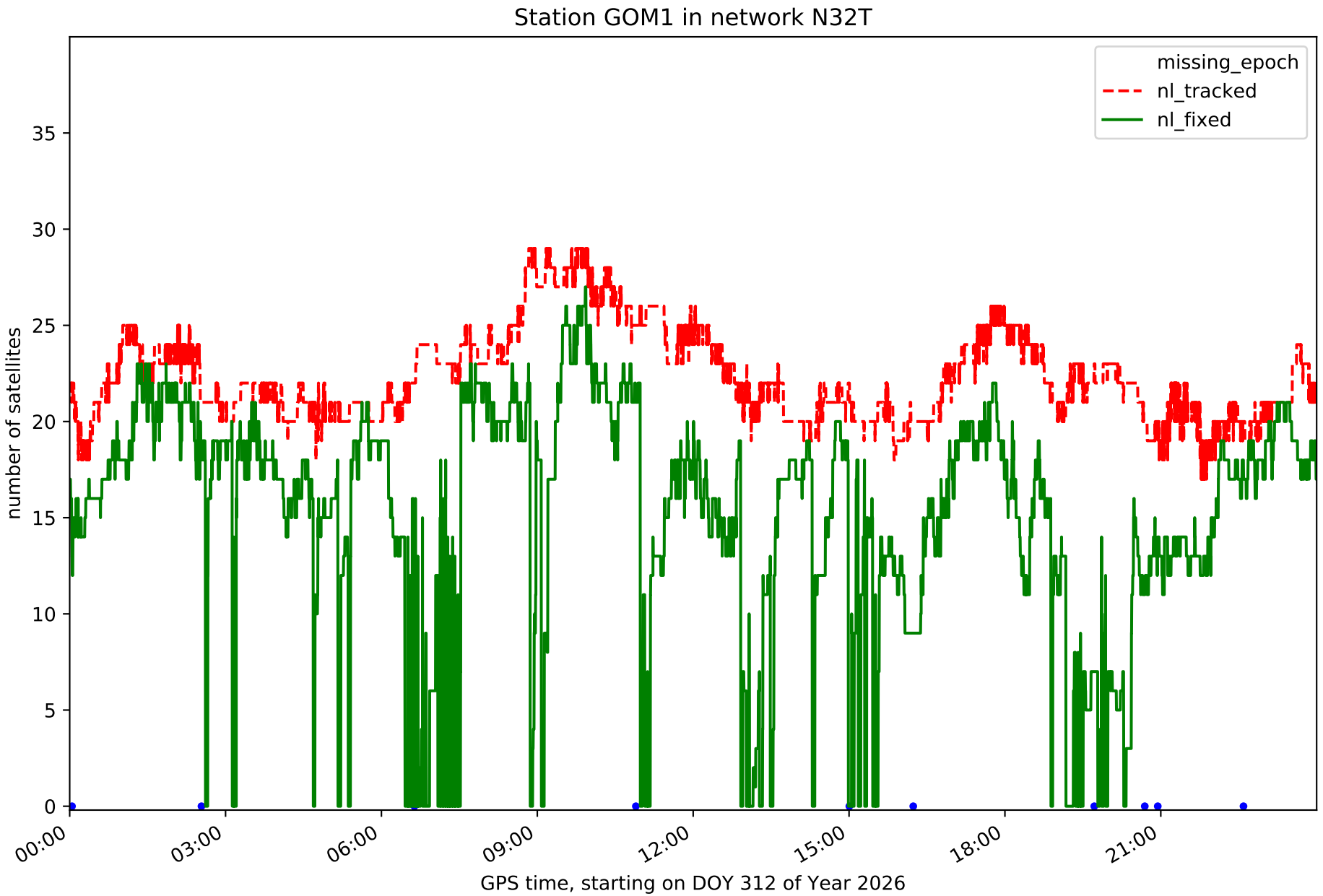

Network N32T - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (76.4 % fixed)
l2_tracked
l2_fixed (76.4 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

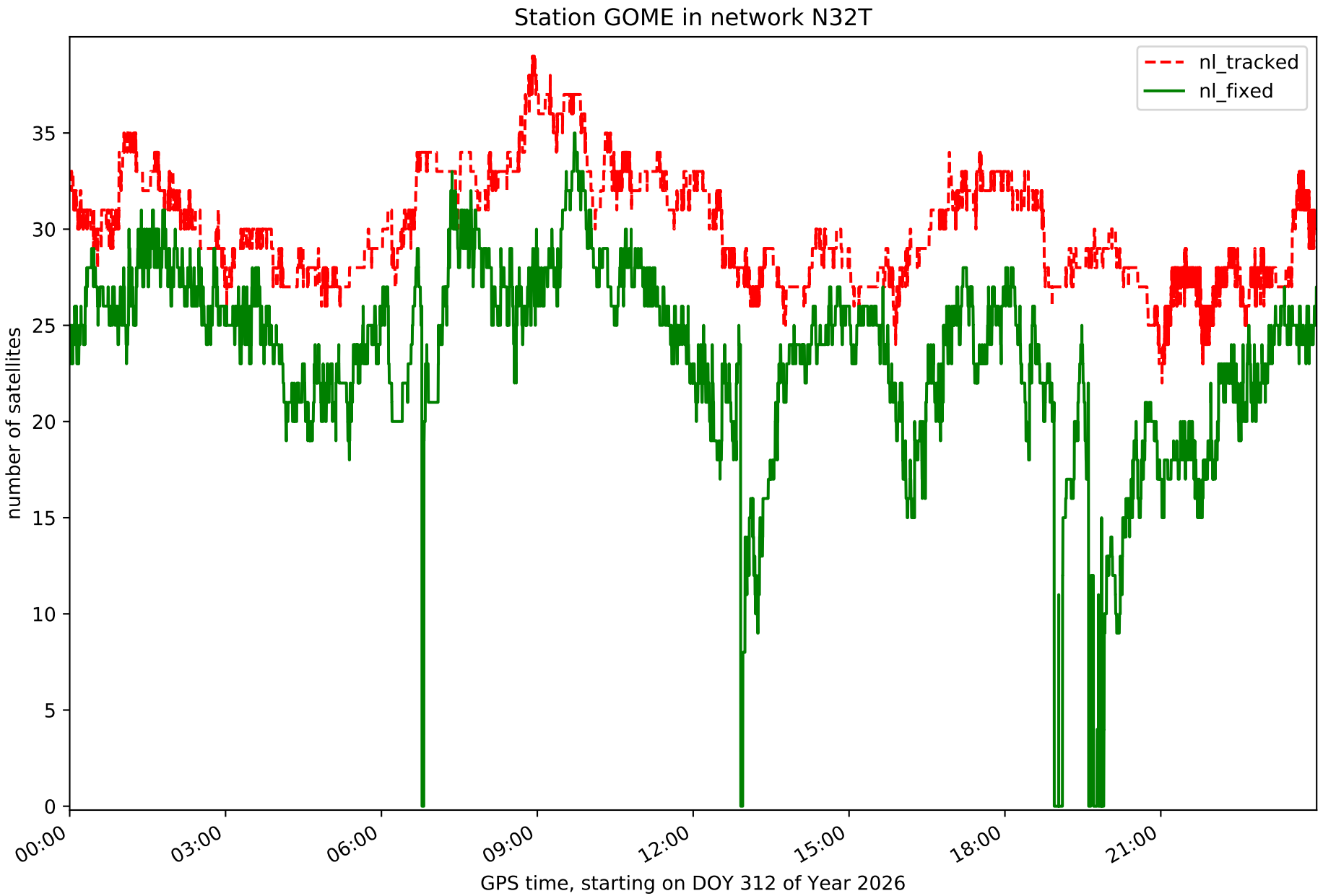

Network N32T - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 312 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (77.0 % fixed)
I6_tracked
I6_fixed (77.0 % fixed)
I7_tracked
I7_fixed (0.0 % fixed)

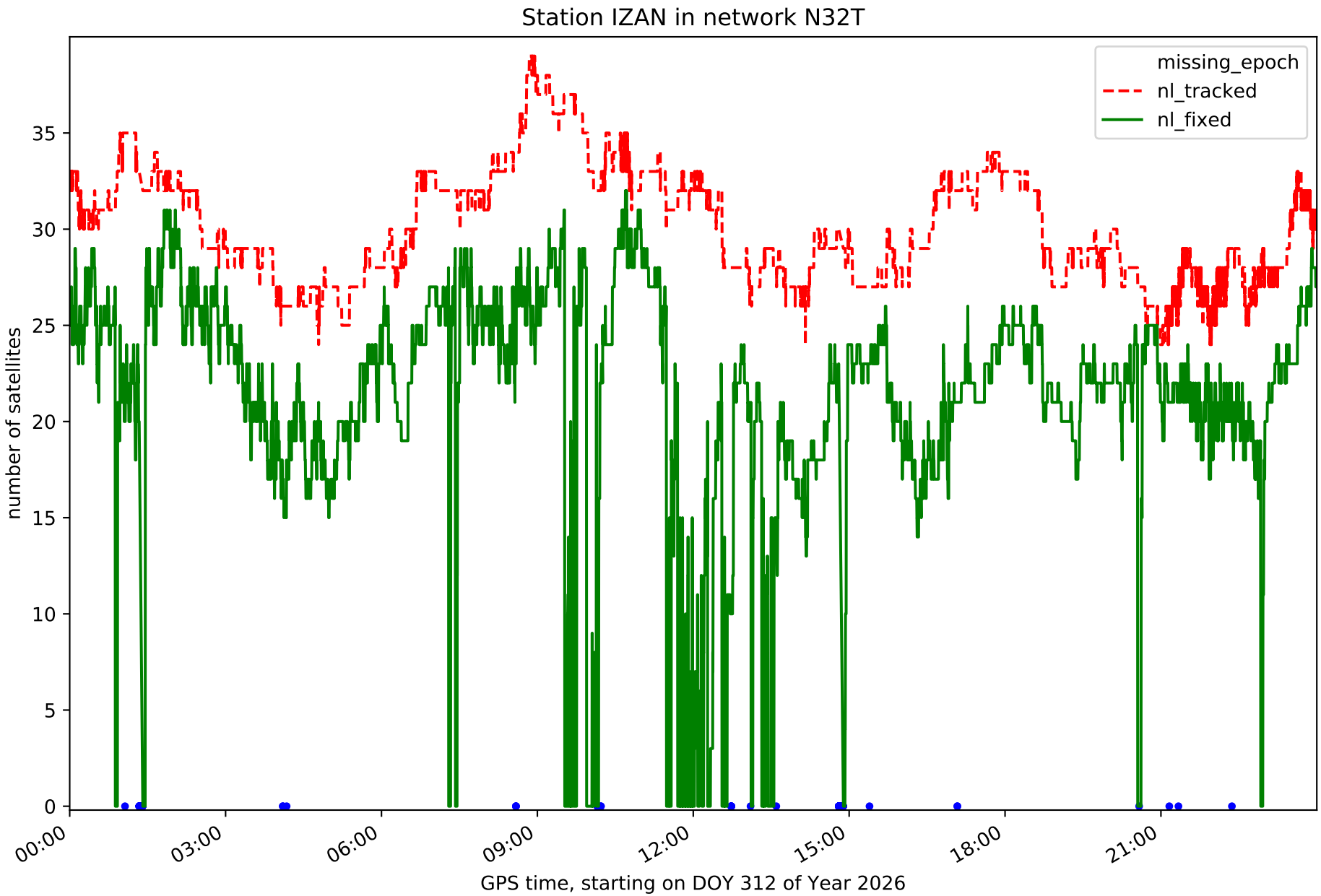

Network N32T - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 312 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (84.7 % fixed)
l5_tracked
l5_fixed (84.8 % fixed)
l7_tracked
l7_fixed (85.8 % fixed)

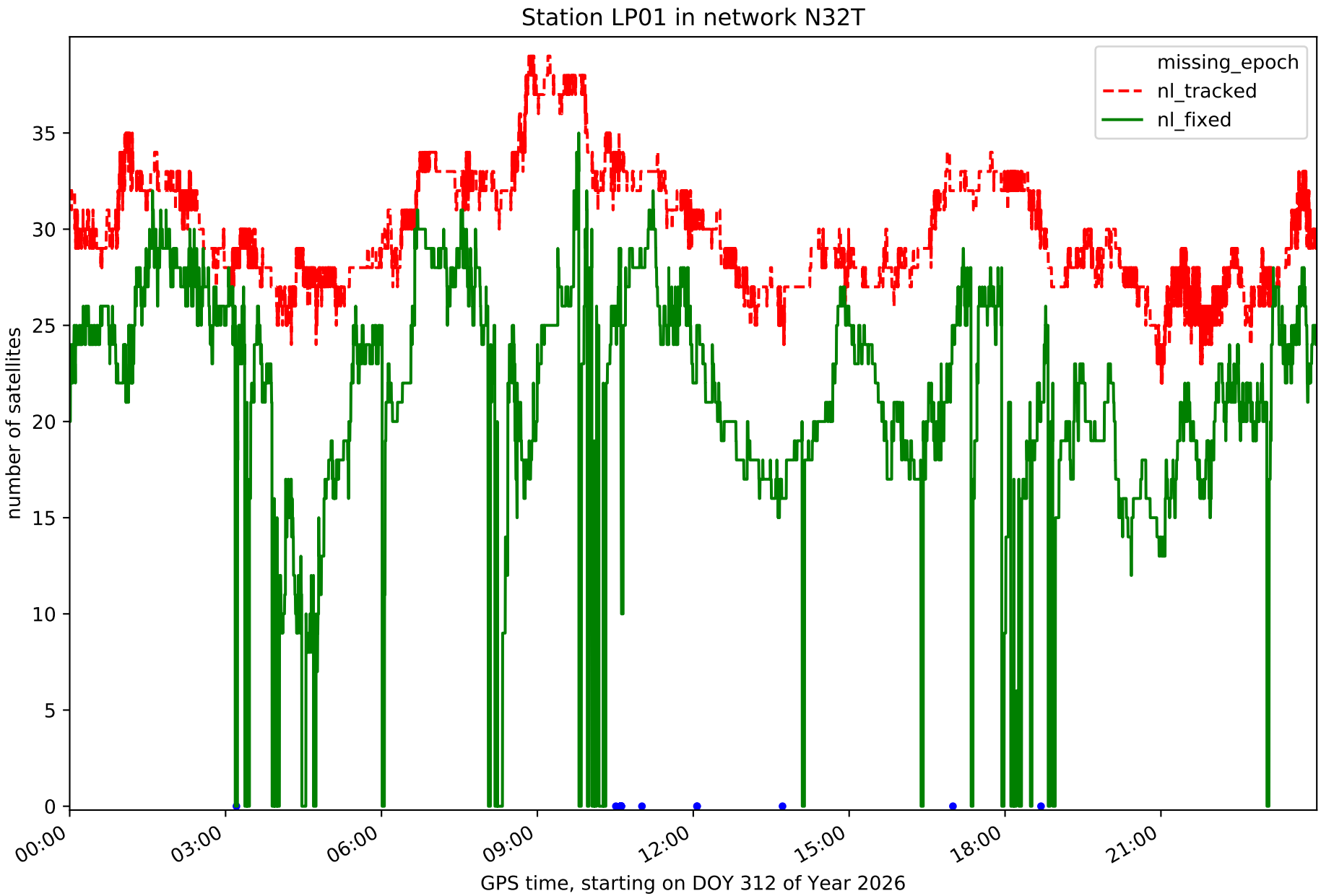

Station EH01 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

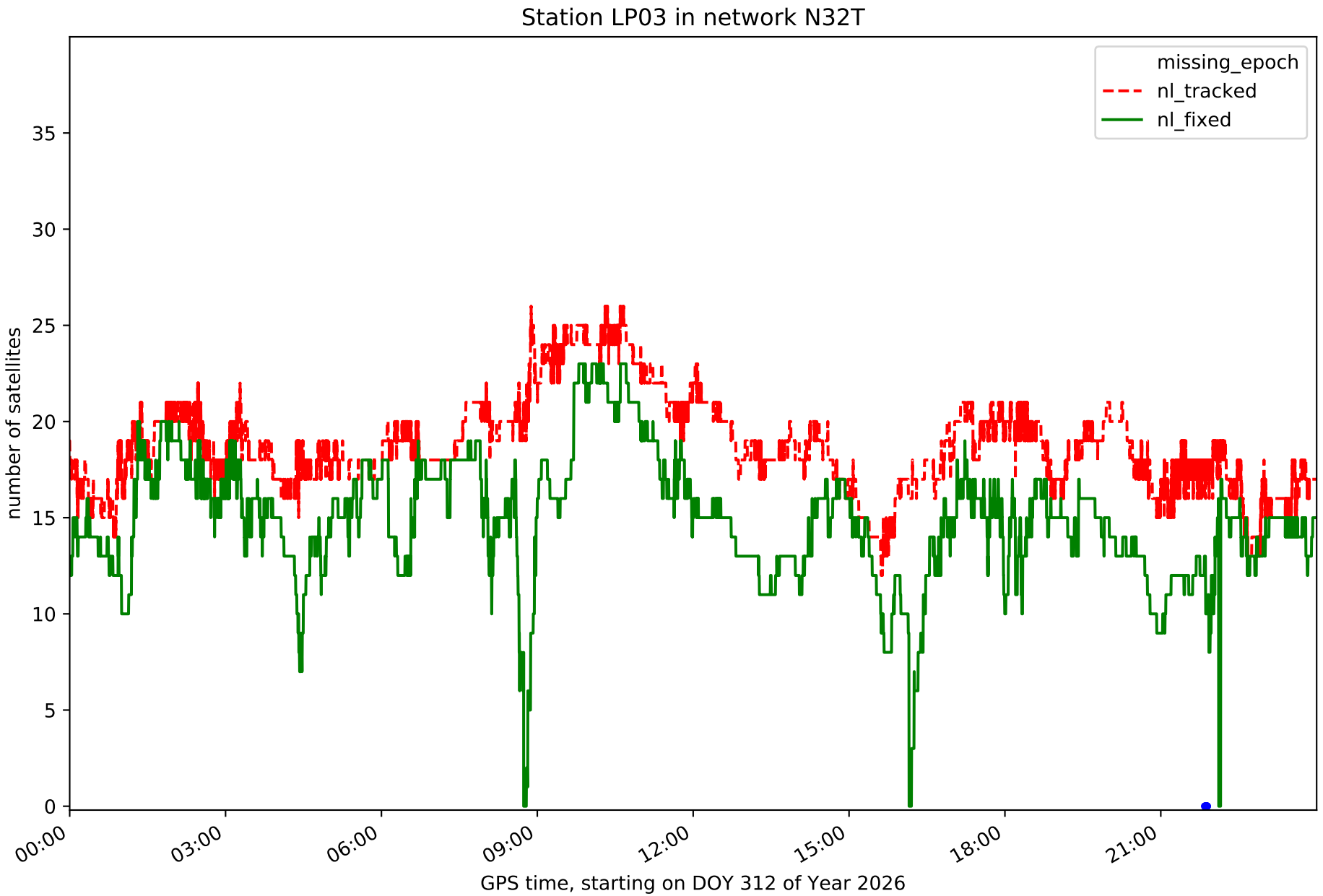

Station EH02 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

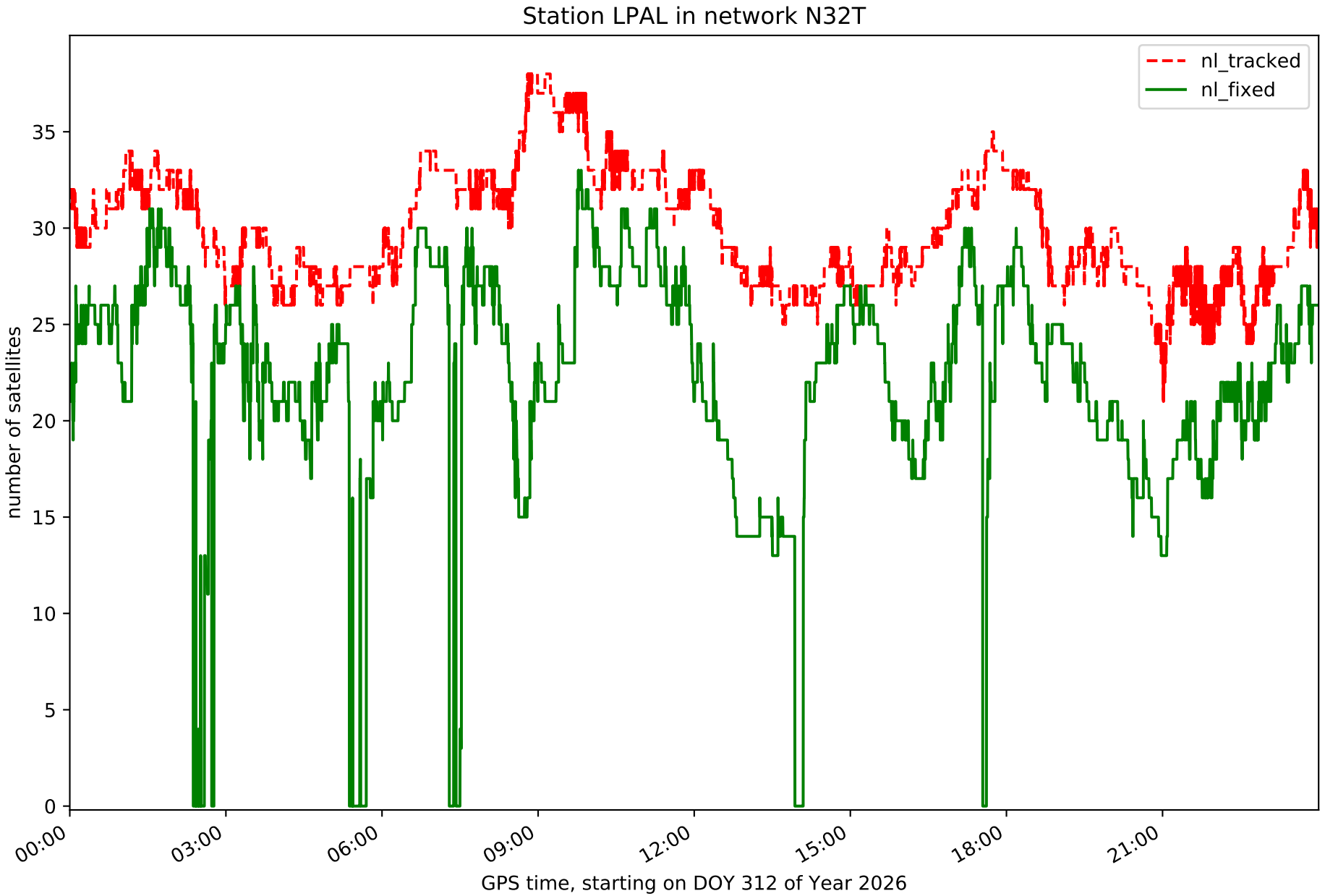

Station GOM1 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

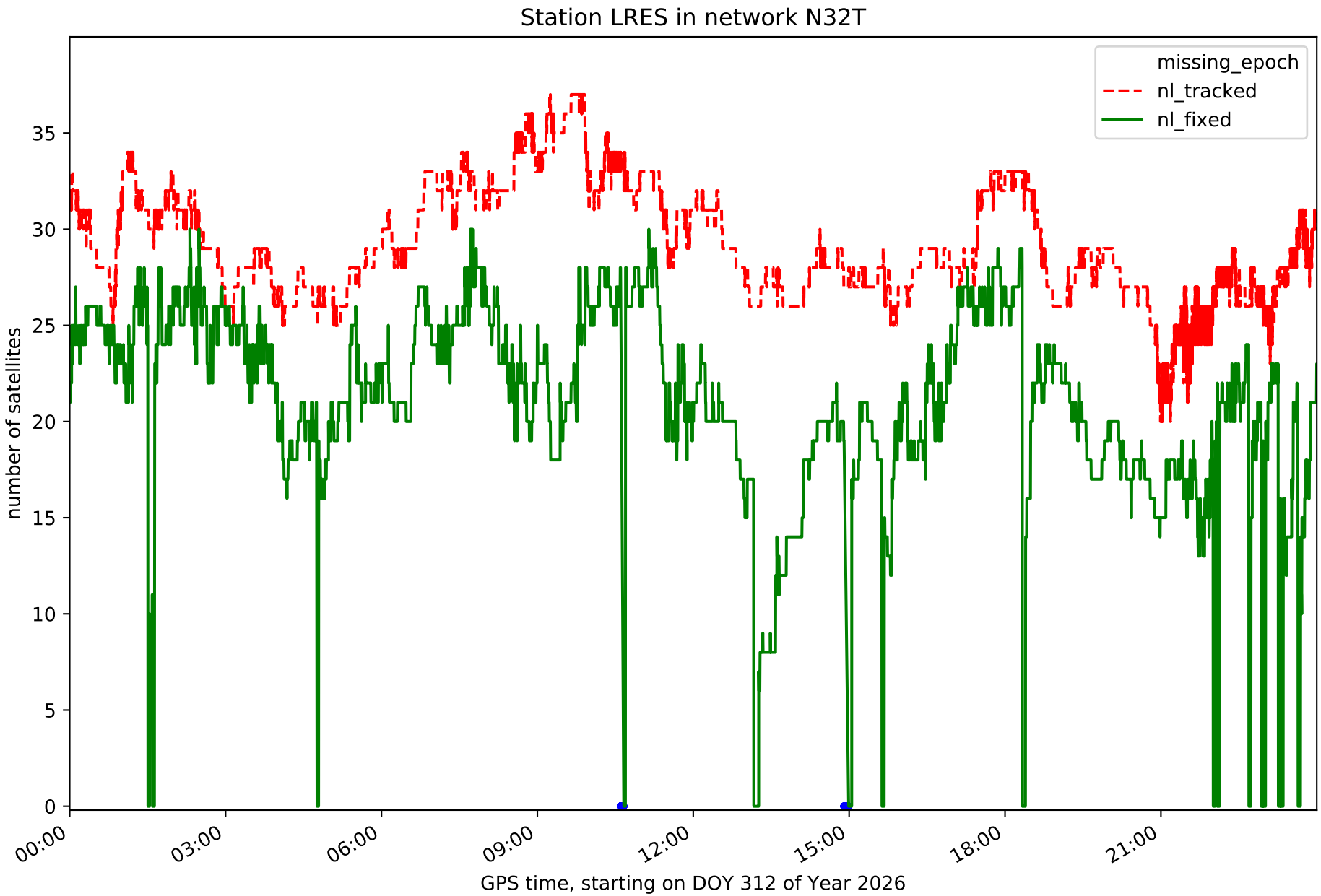

Station GOME in network N32T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

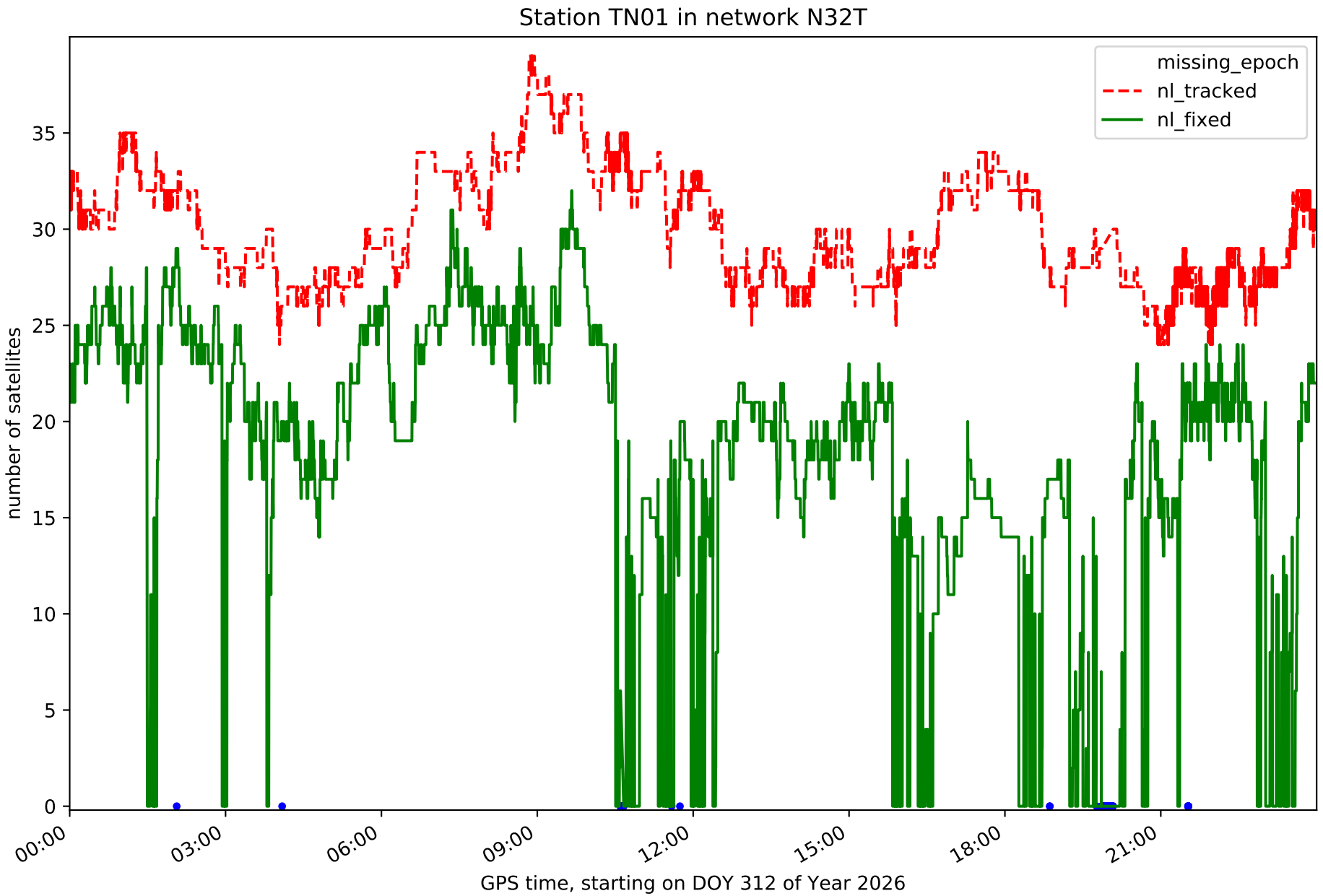

Station IZAN in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

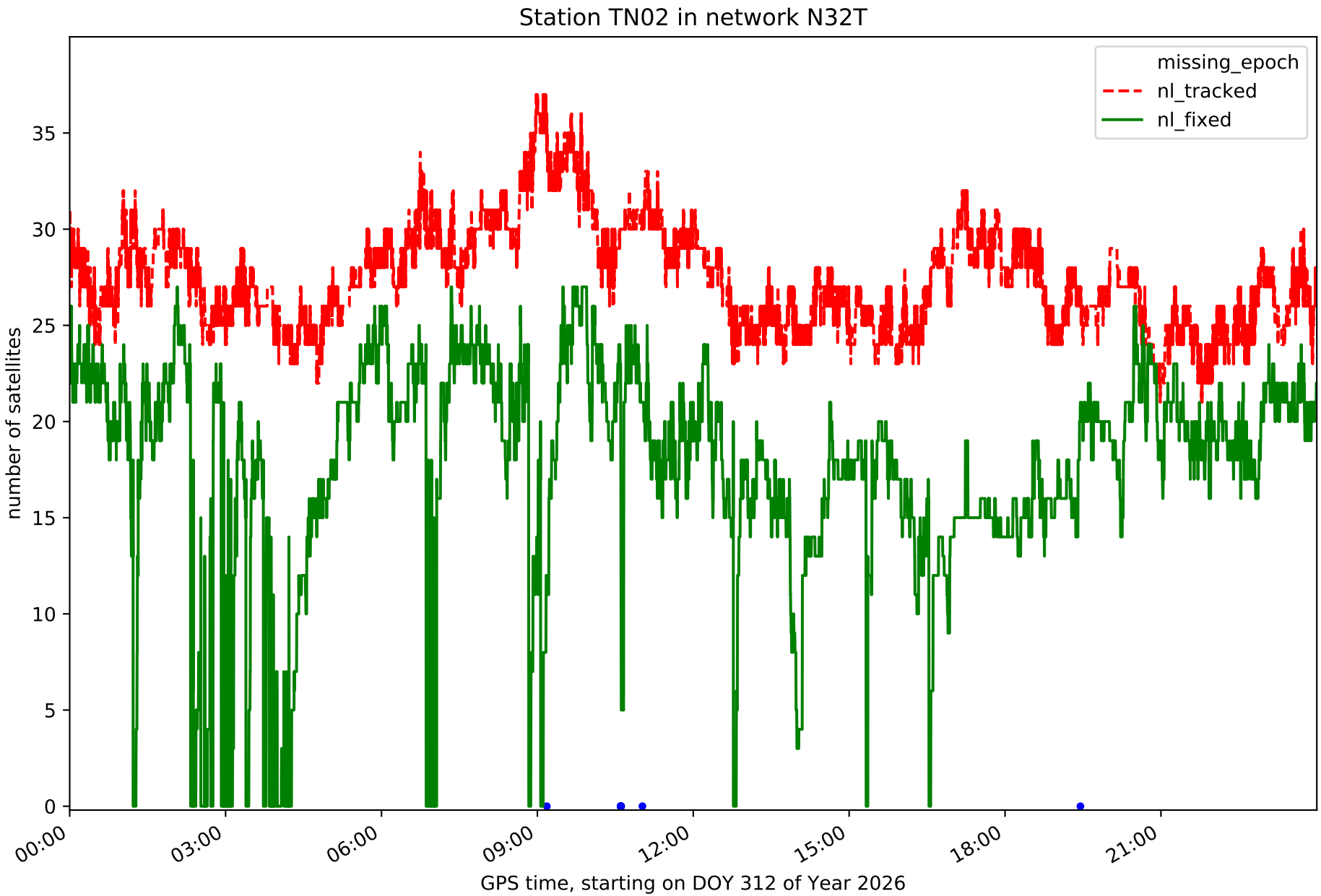

Station LP01 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

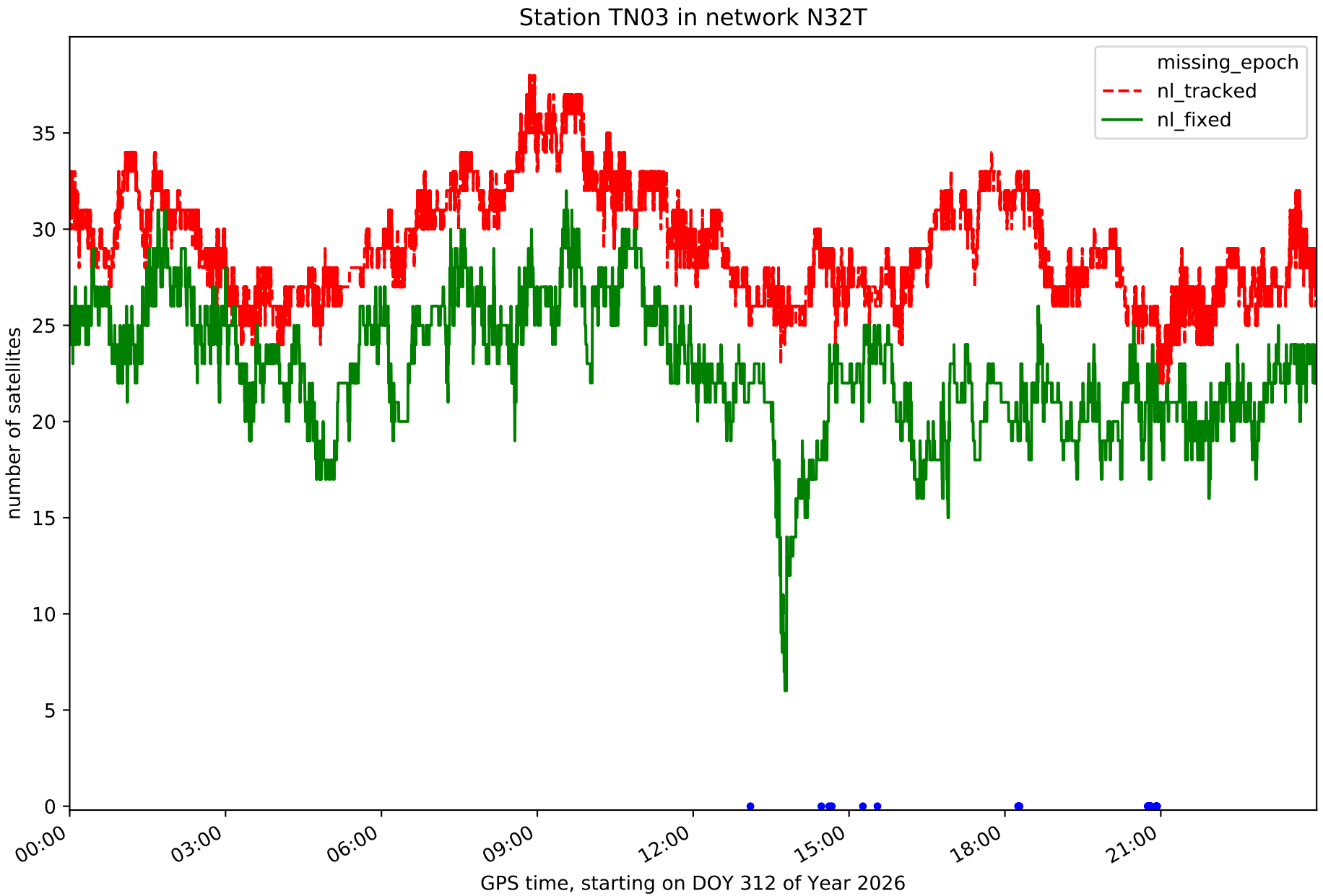

Station LP03 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

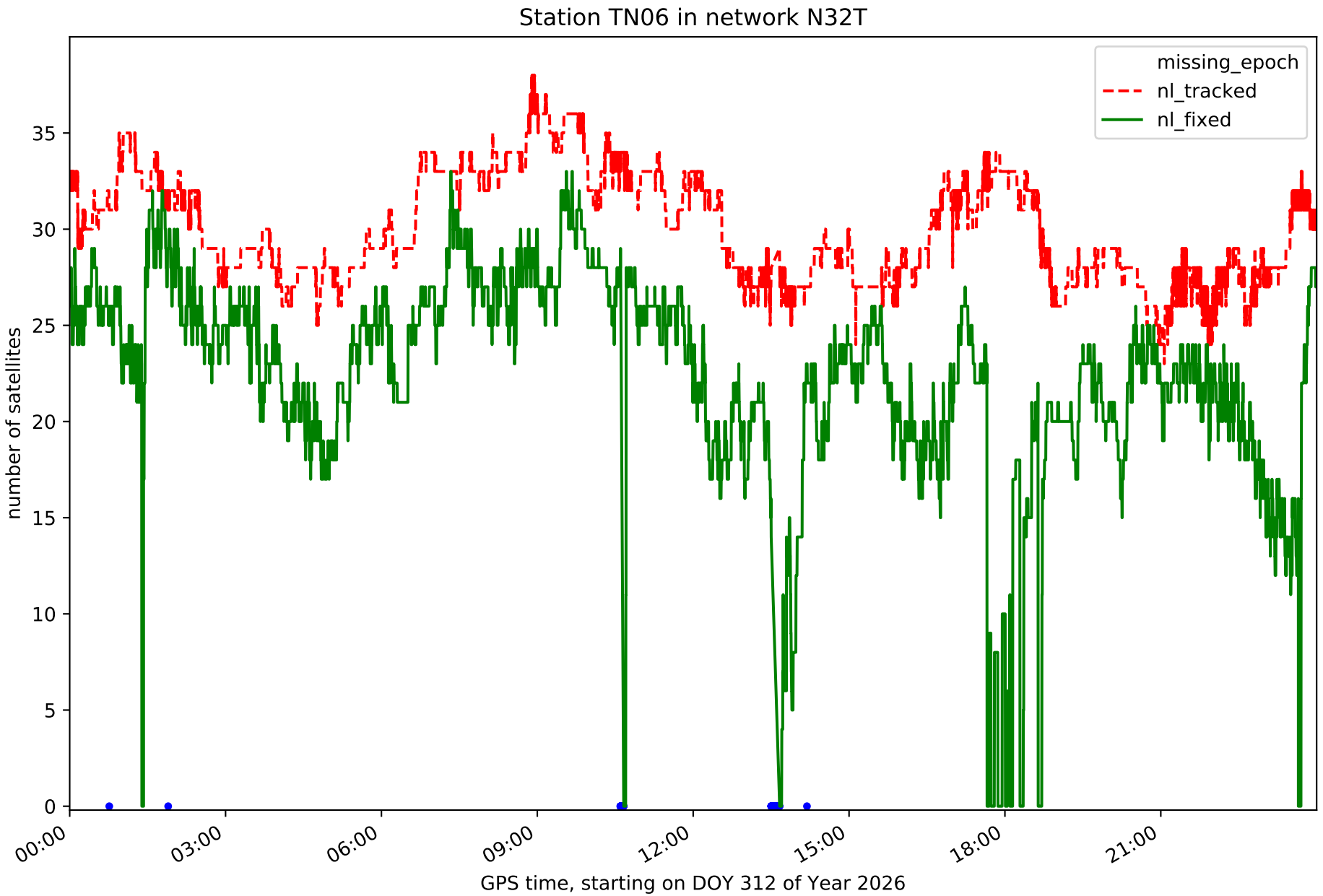

Station LPAL in network N32T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

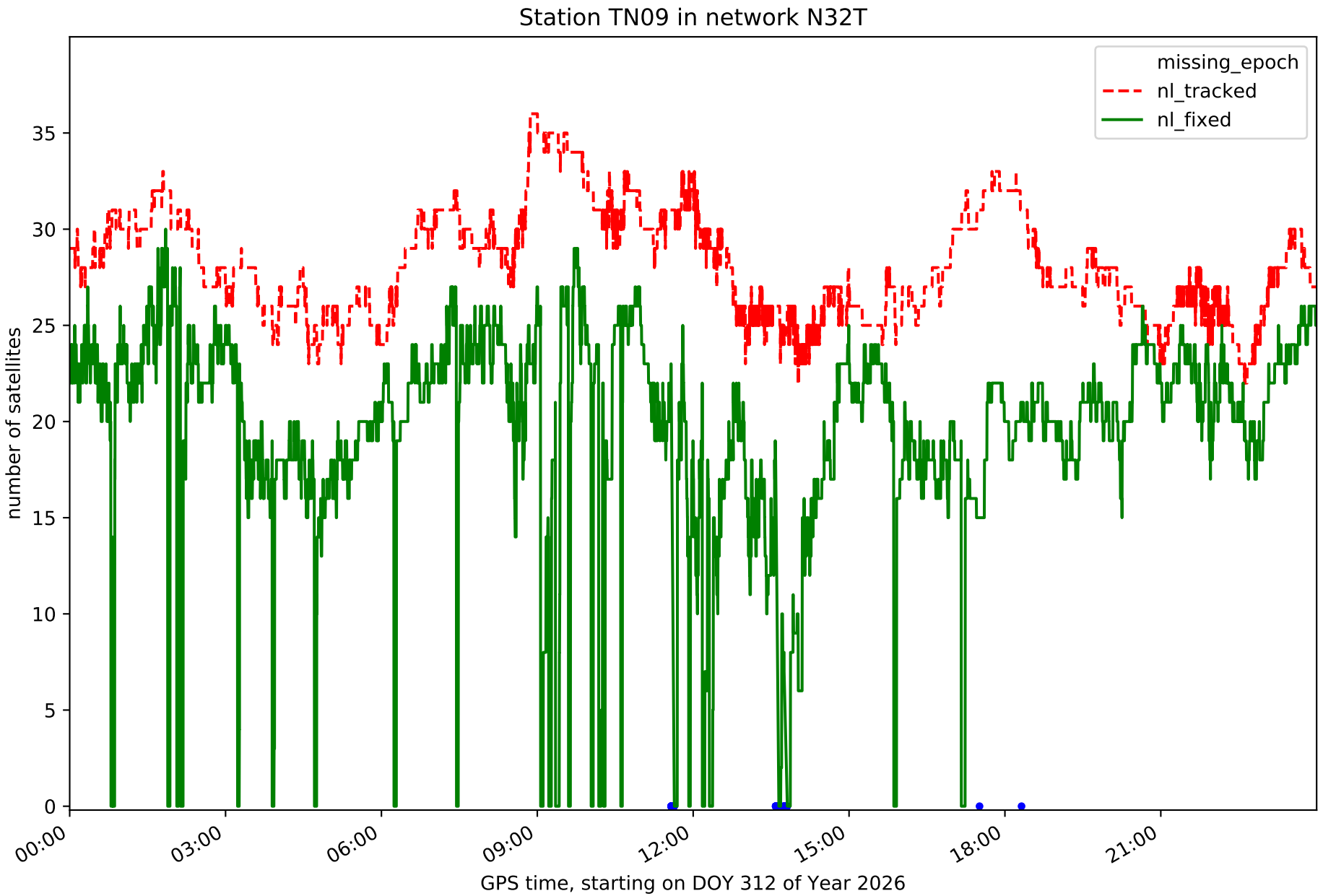

Station LRES in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

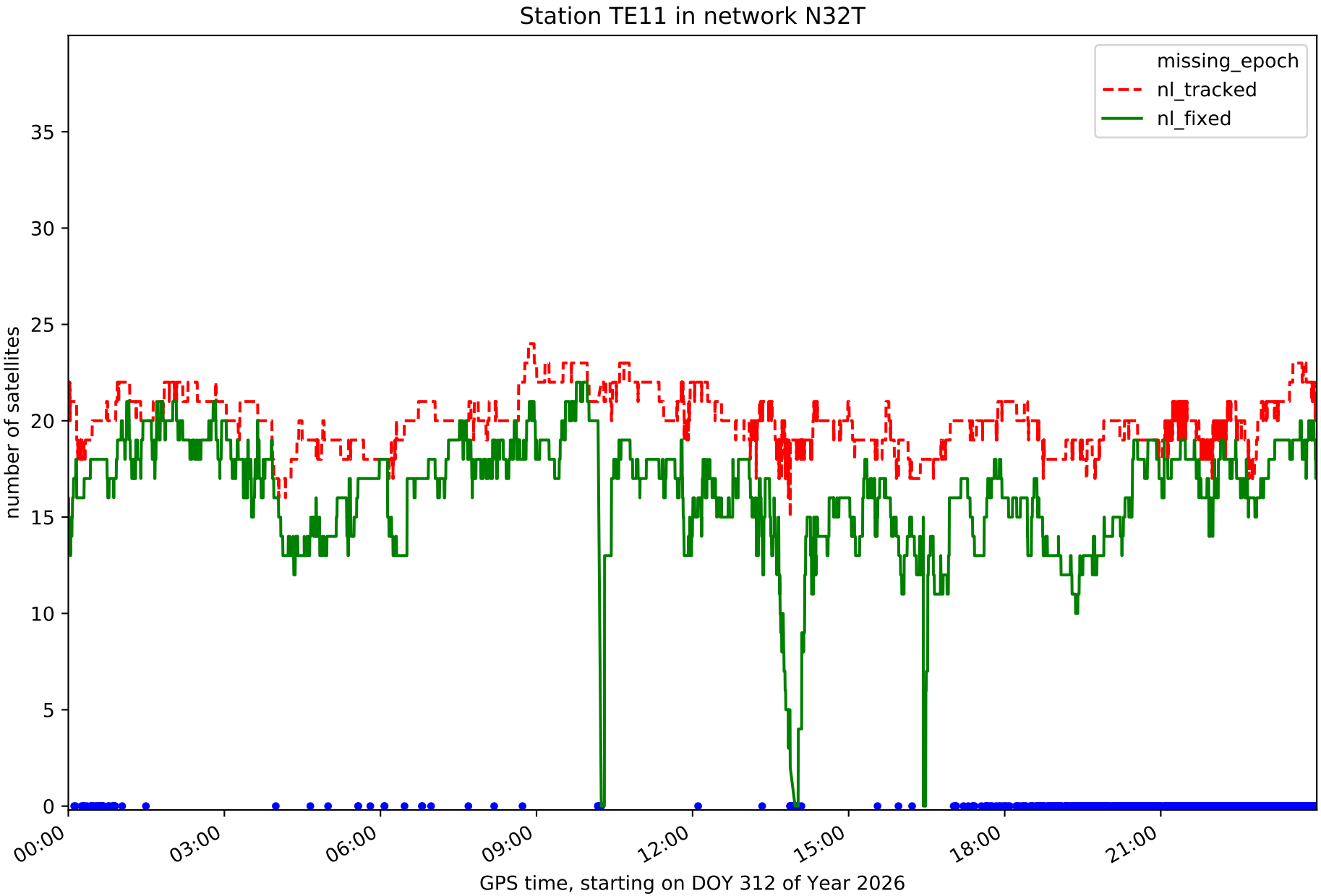

Station TN01 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

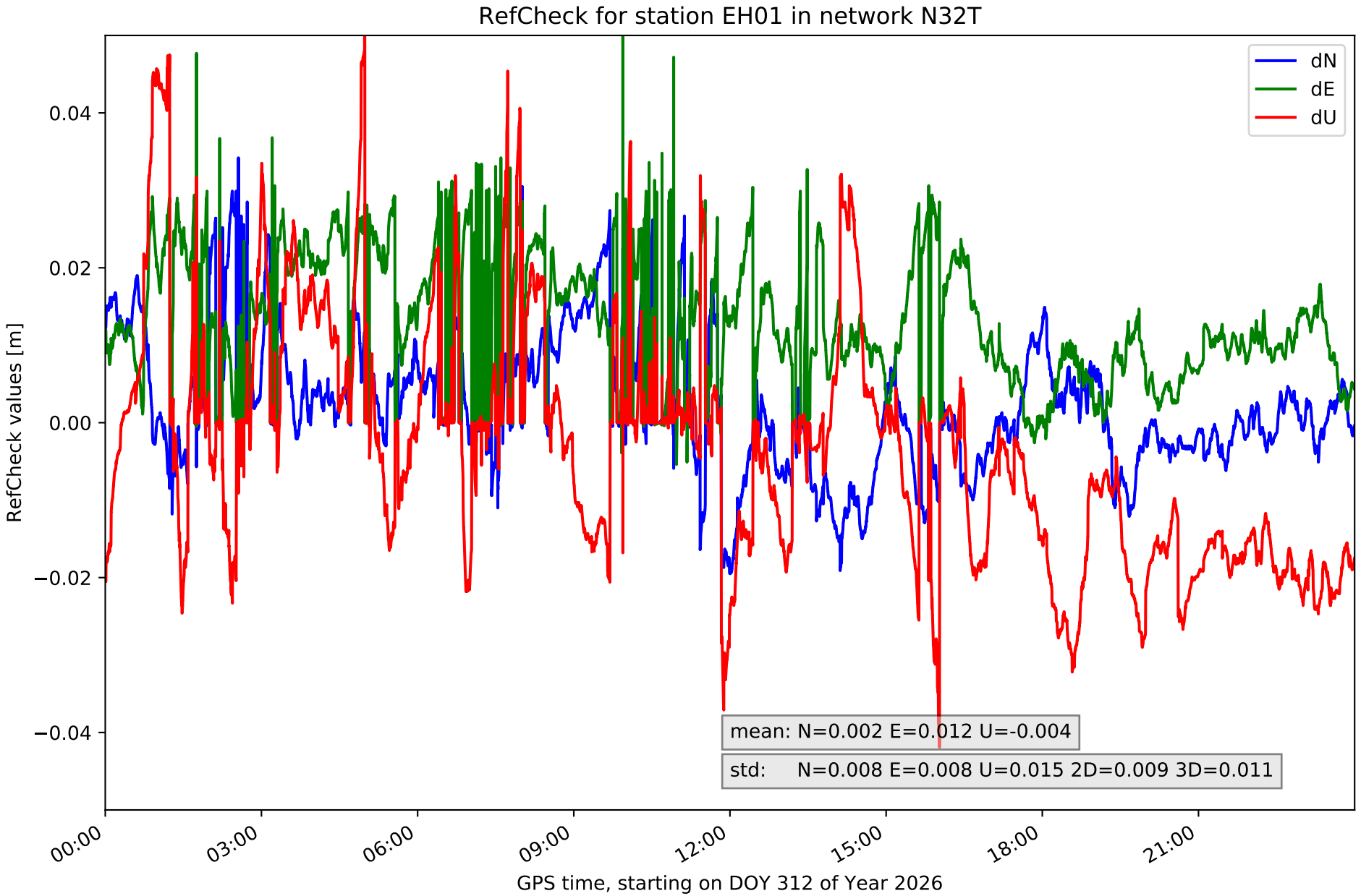

Station TN02 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

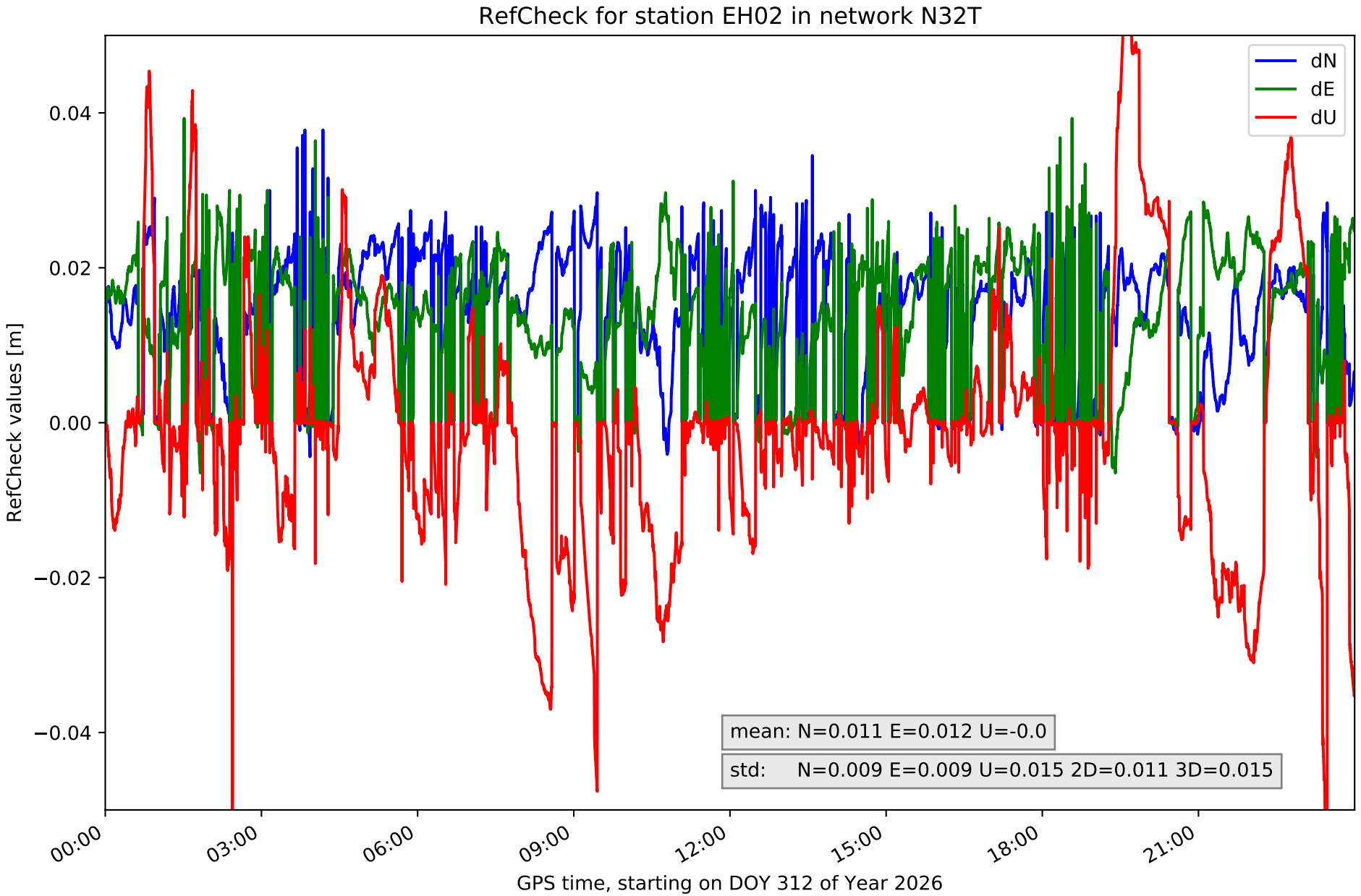

Station TN03 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

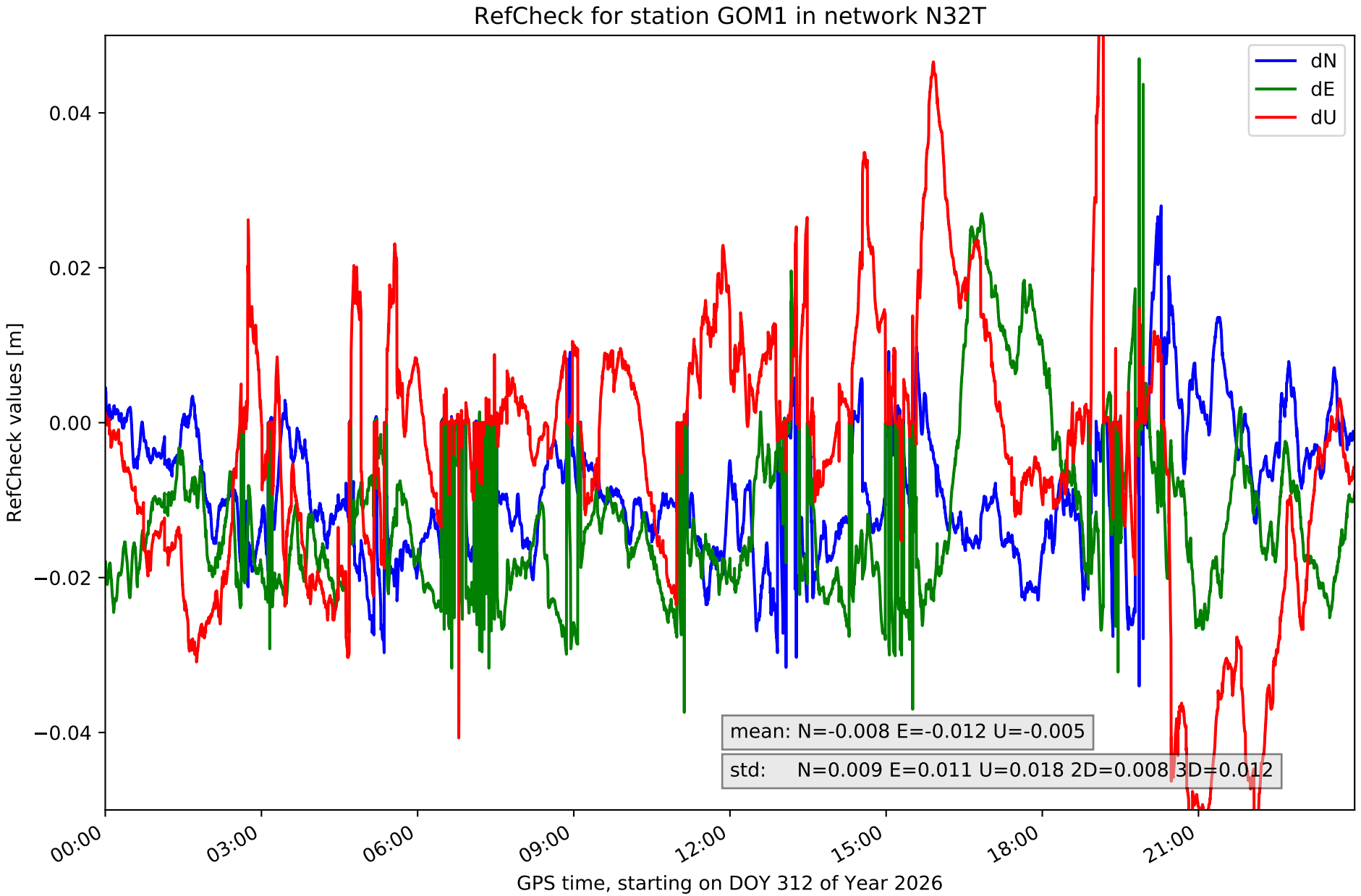

Station TN06 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

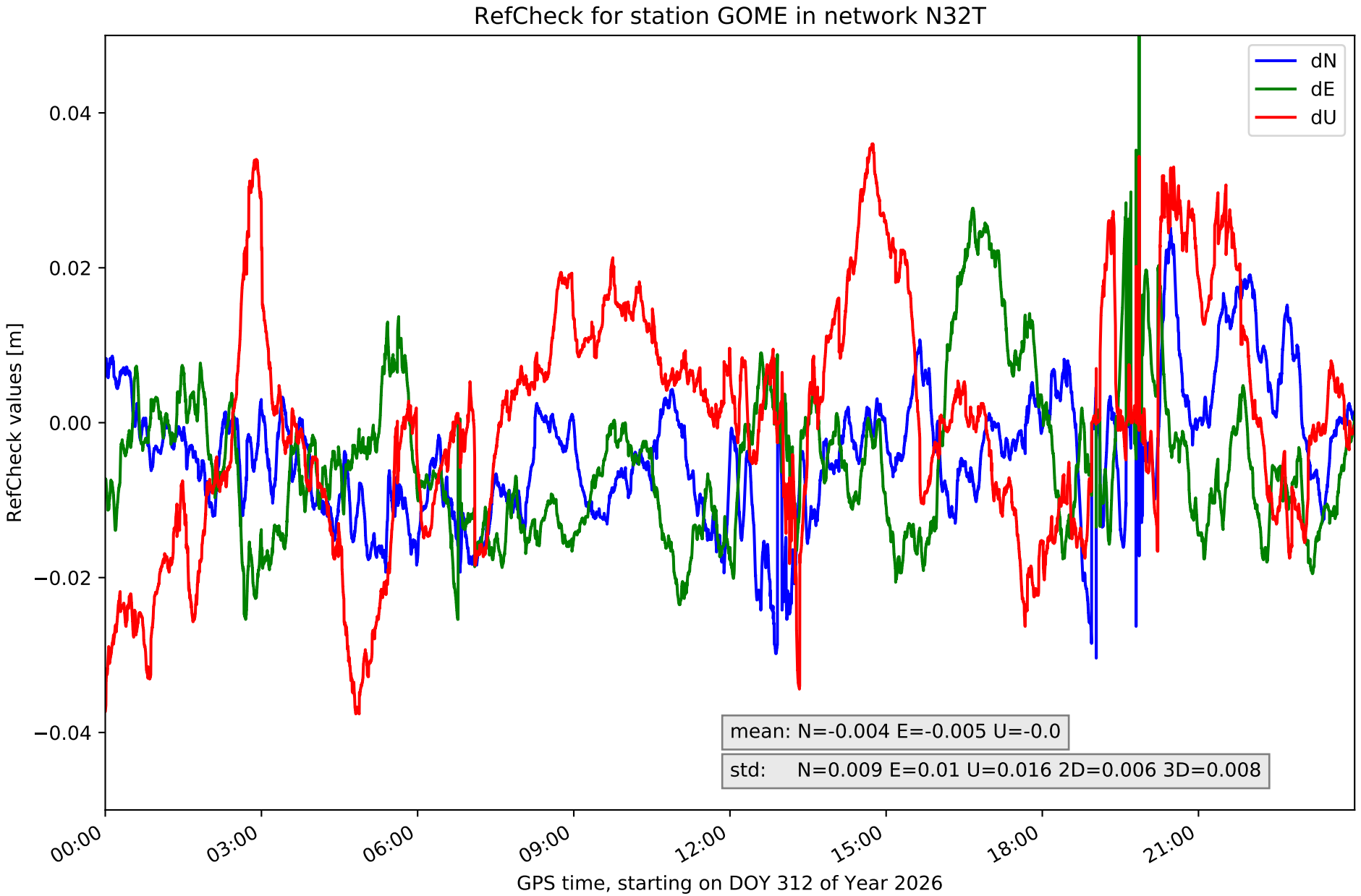

Station TN09 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

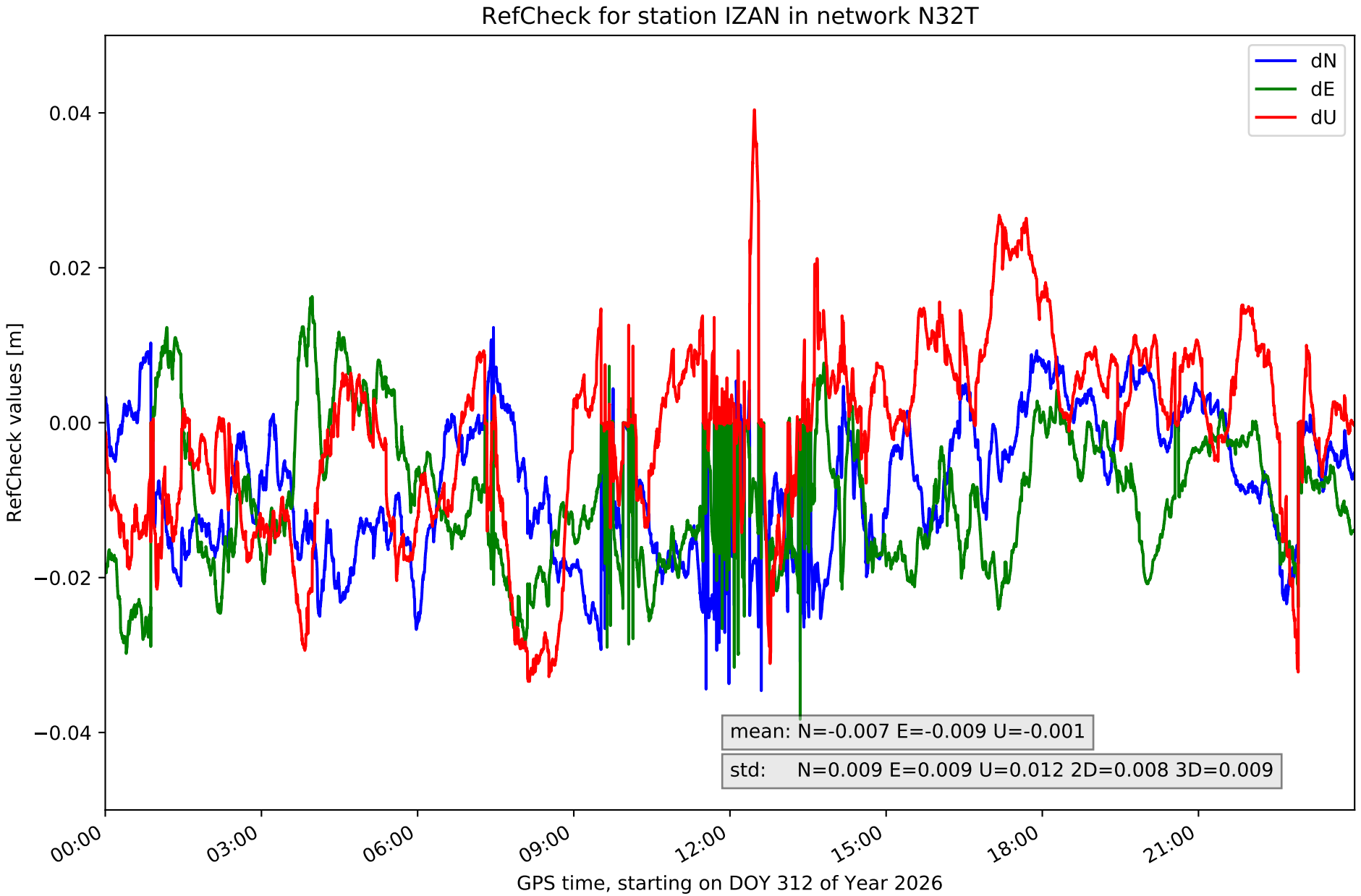

Station TE11 in network N32T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

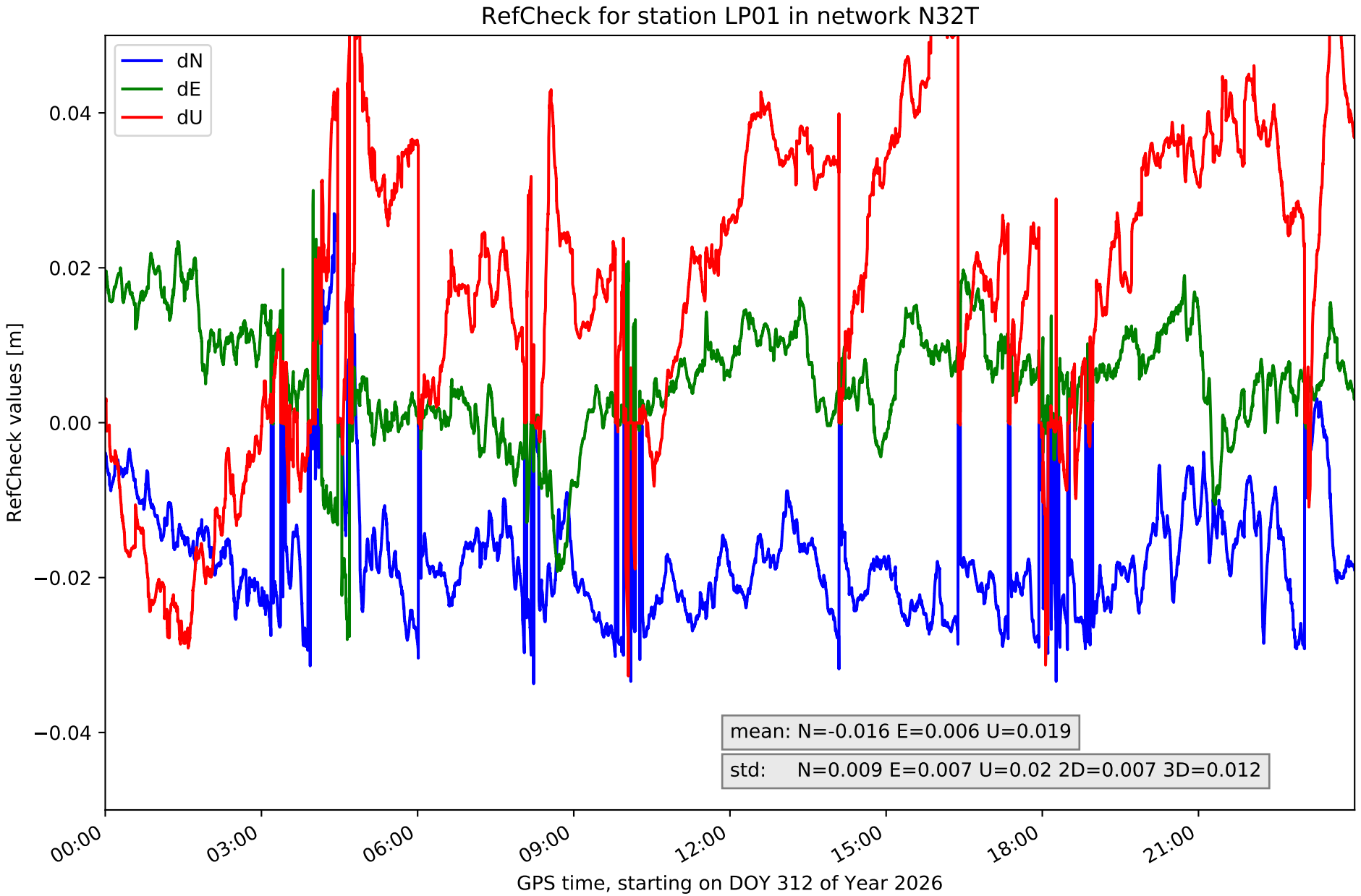

RefCheck for station EH01 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.012 U=-0.004
std: N=0.008 E=0.008 U=0.015 2D=0.009 3D=0.011
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

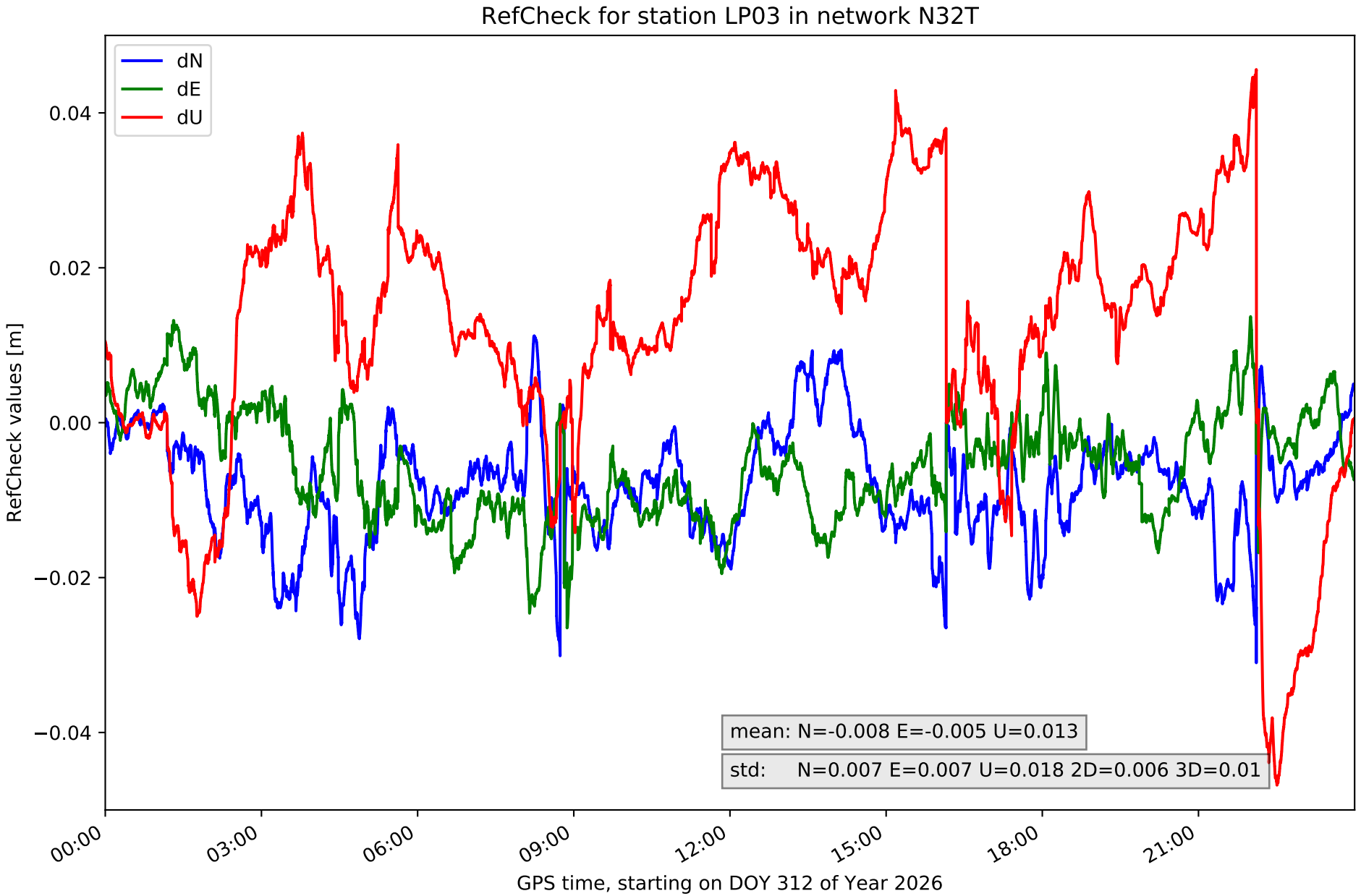

RefCheck for station EH02 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.011 E=0.012 U=-0.0
std: N=0.009 E=0.009 U=0.015 2D=0.011 3D=0.015
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

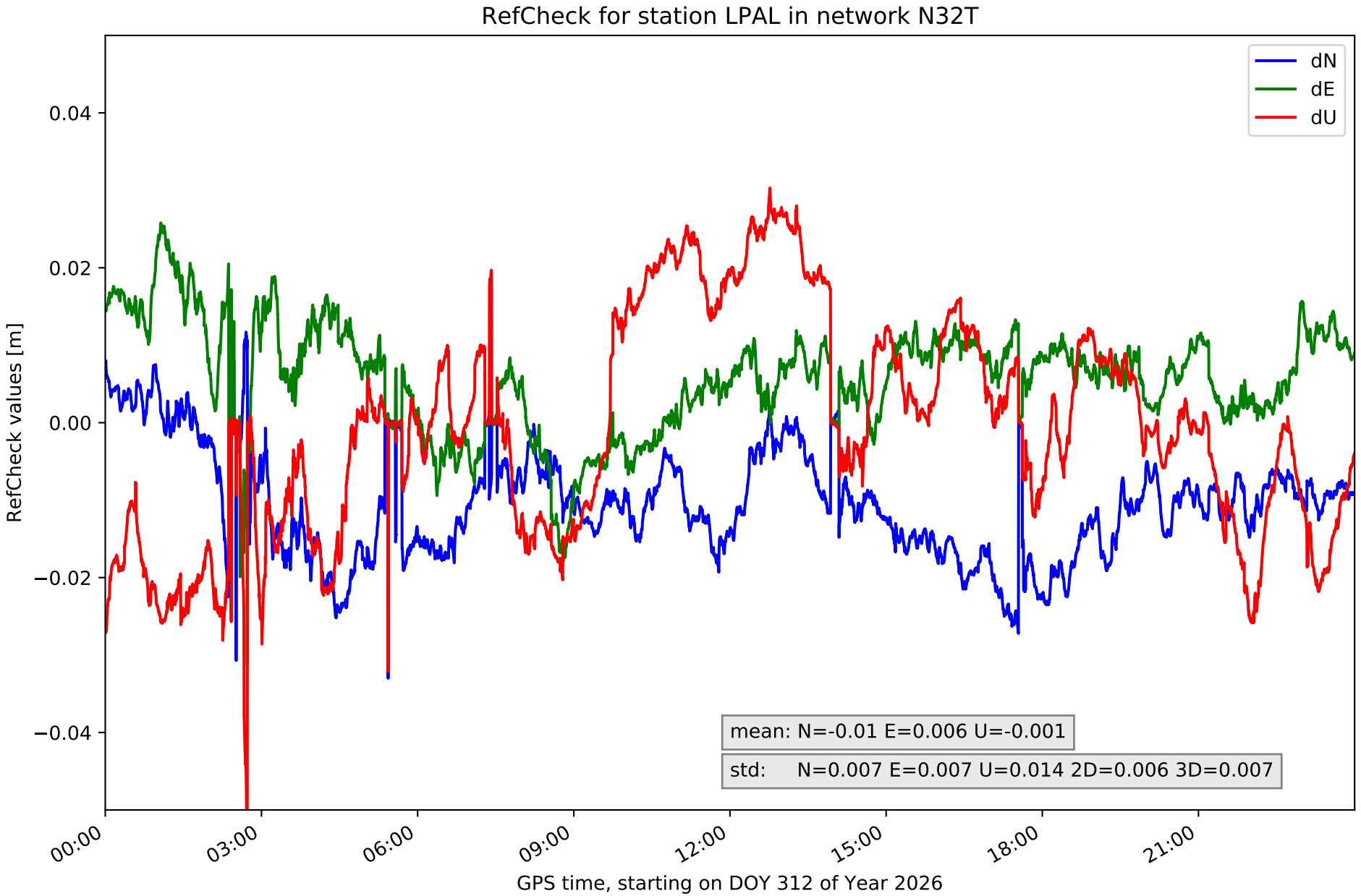

RefCheck for station GOM1 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.008 E=-0.012 U=-0.005
std: N=0.009 E=0.011 U=0.018 2D=0.008 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

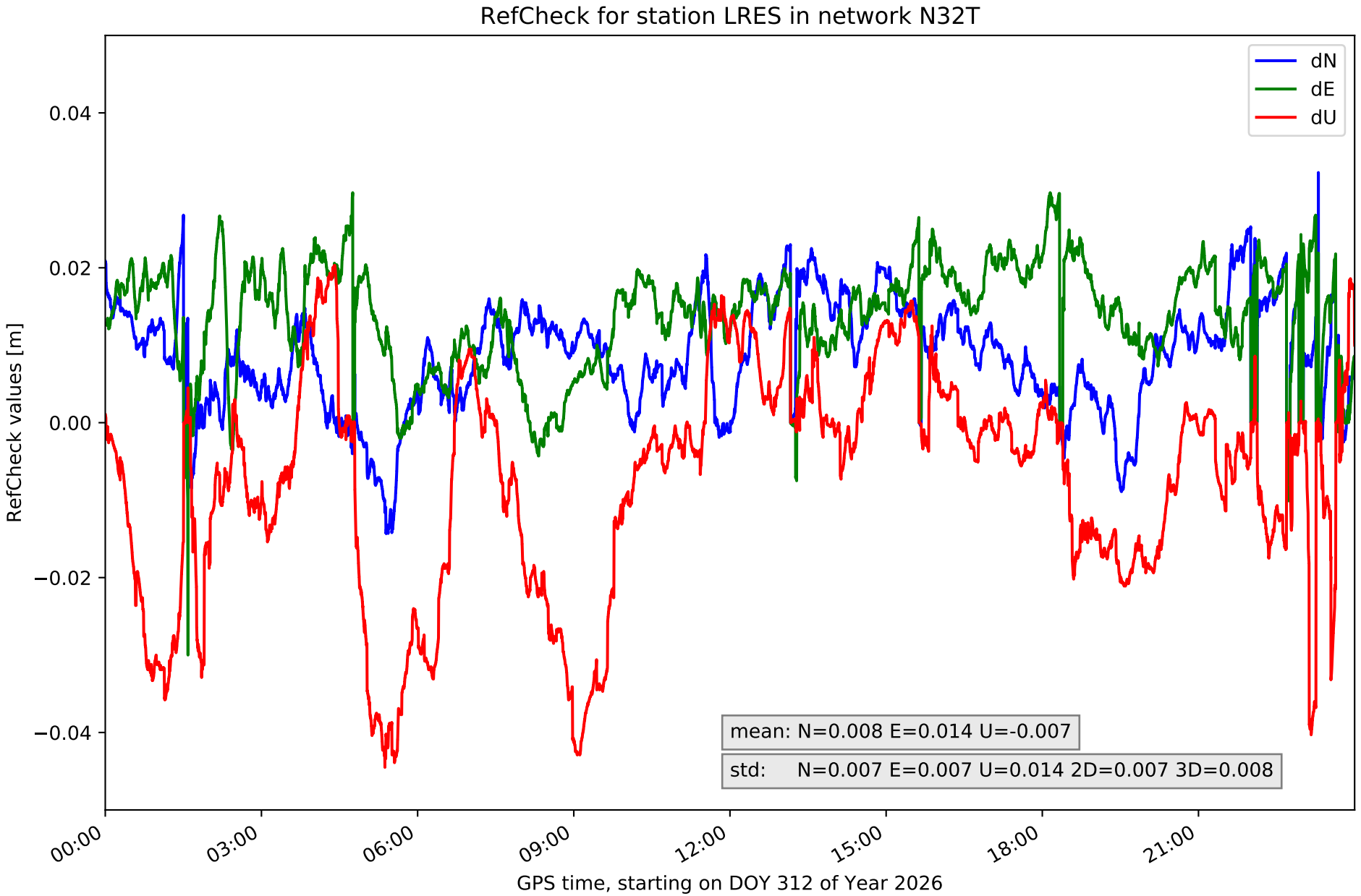

RefCheck for station GOME in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=-0.005 U=-0.0
std: N=0.009 E=0.01 U=0.016 2D=0.006 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

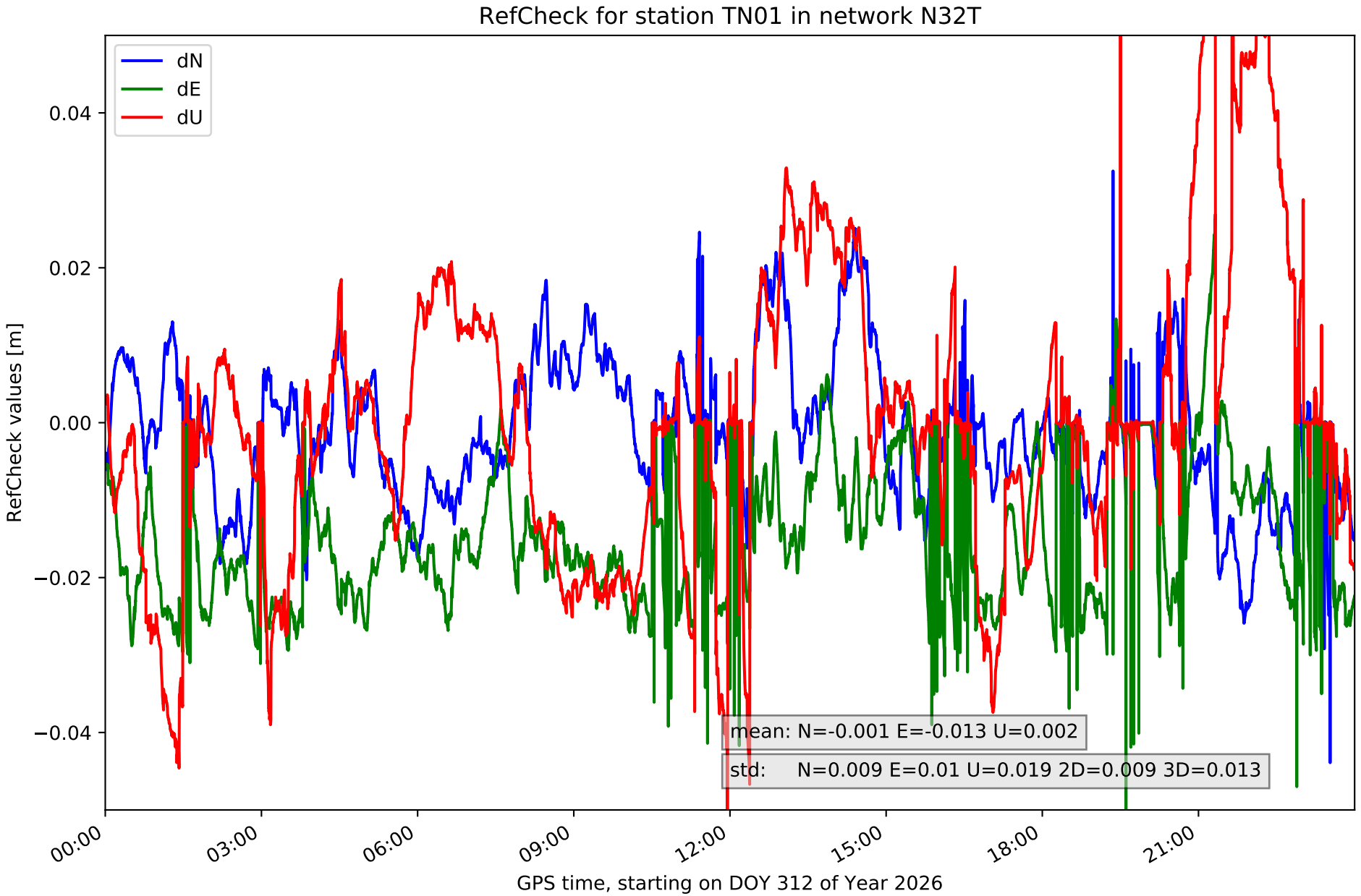

RefCheck for station IZAN in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.007 E=-0.009 U=-0.001
std: N=0.009 E=0.009 U=0.012 2D=0.008 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

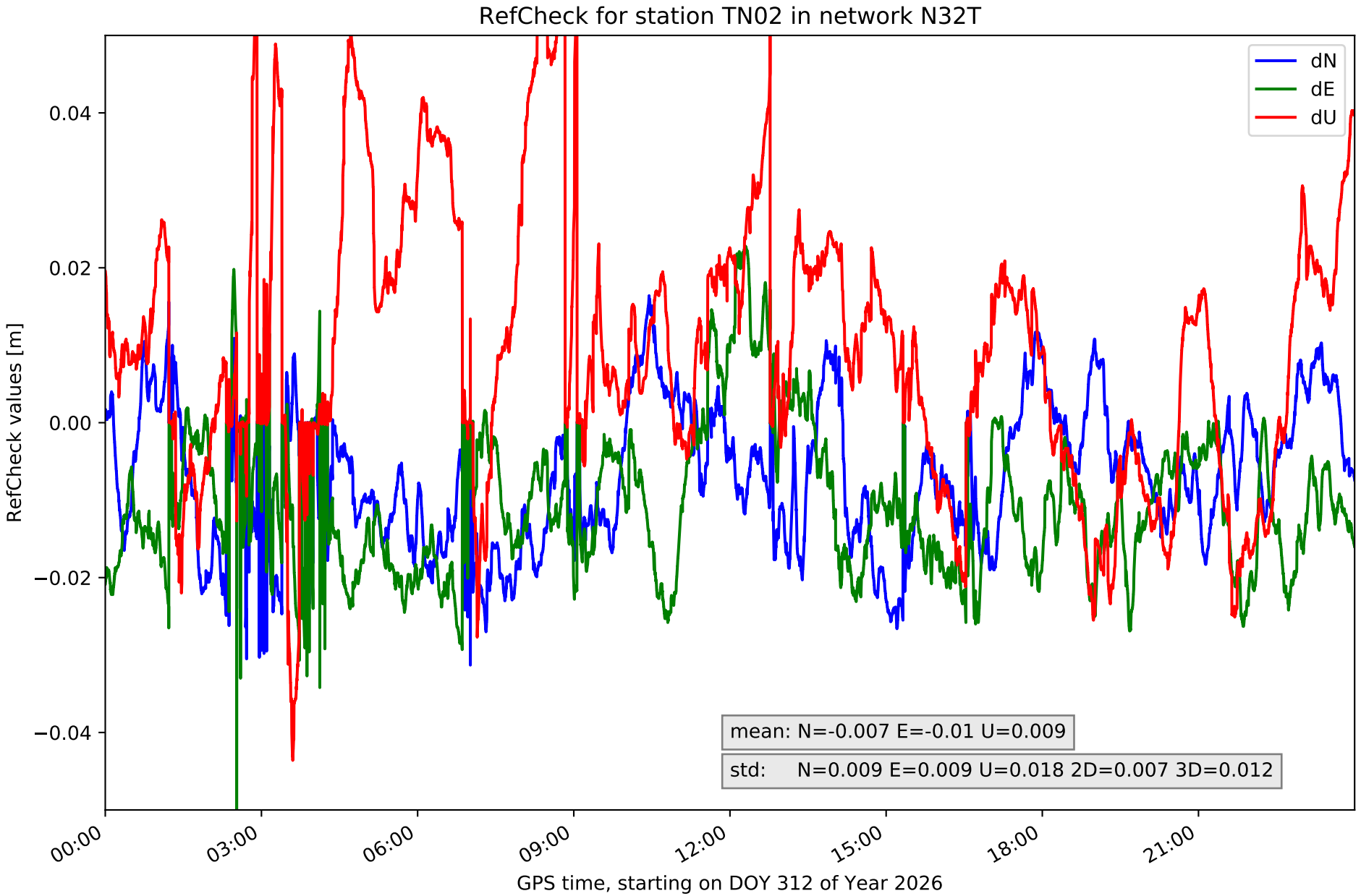

RefCheck for station LP01 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.016 E=0.006 U=0.019
std: N=0.009 E=0.007 U=0.02 2D=0.007 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

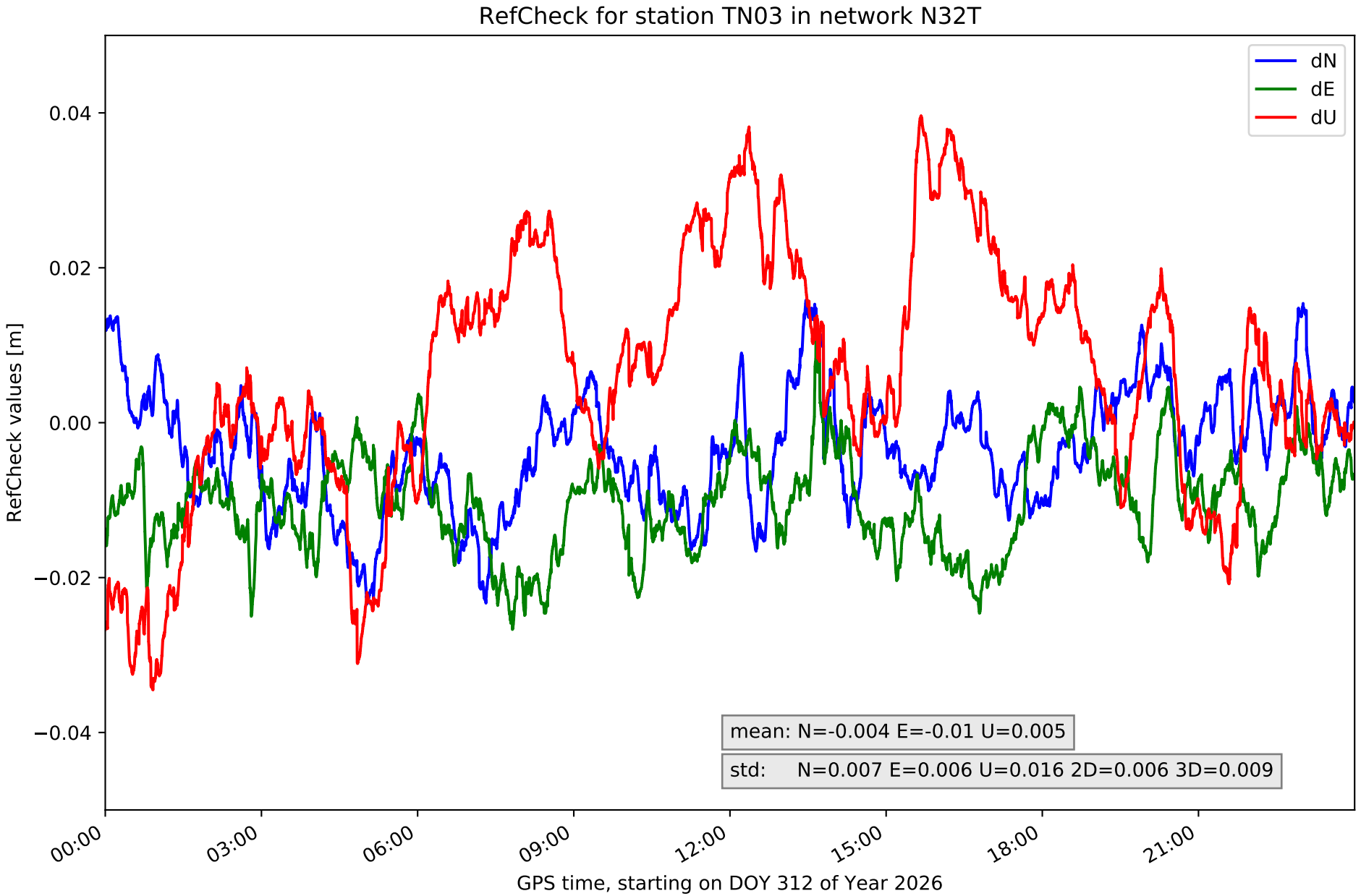

RefCheck for station LP03 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.008 E=-0.005 U=0.013
std: N=0.007 E=0.007 U=0.018 2D=0.006 3D=0.01
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

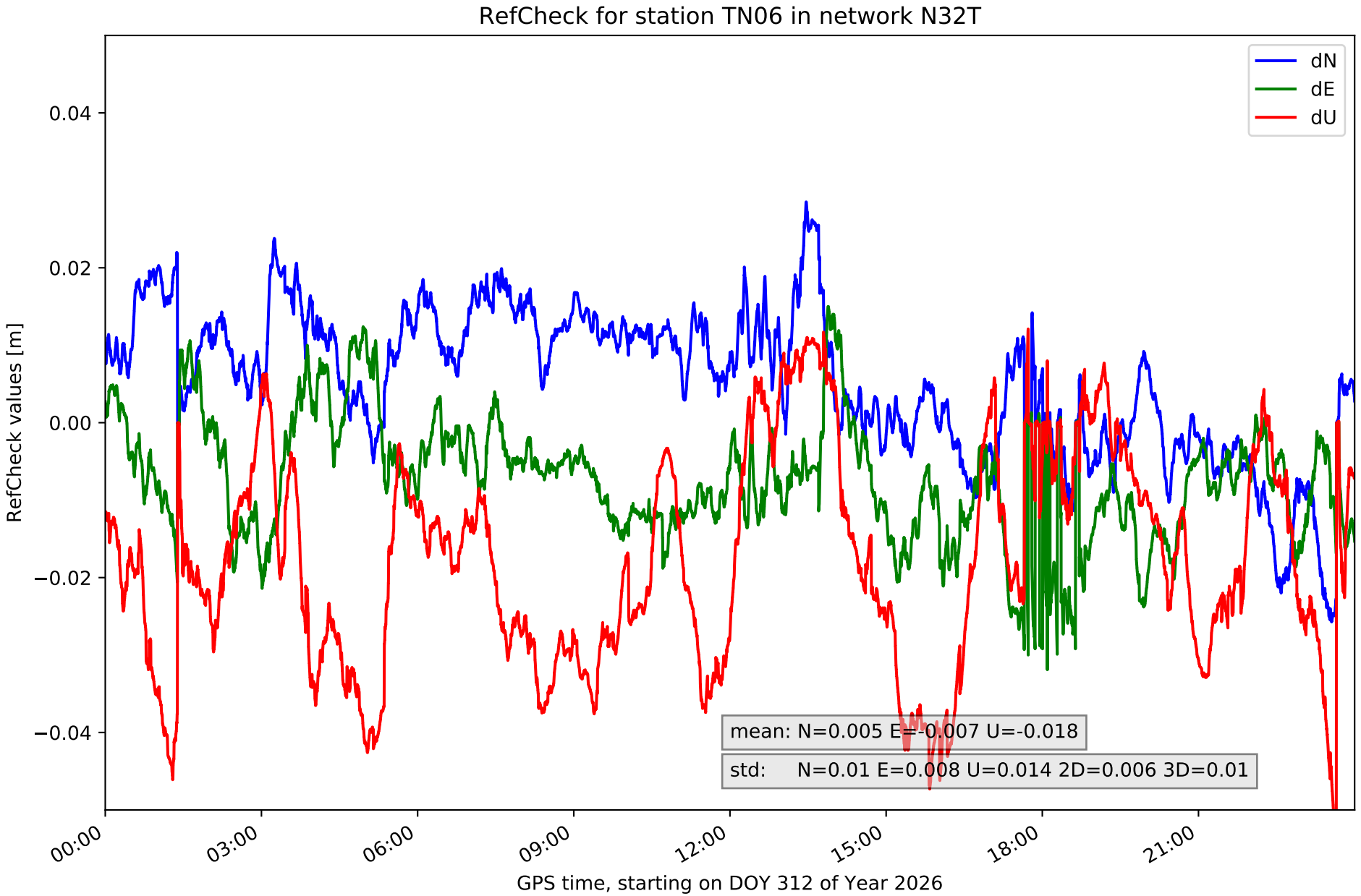

RefCheck for station LPAL in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.01 E=0.006 U=-0.001
std: N=0.007 E=0.007 U=0.014 2D=0.006 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

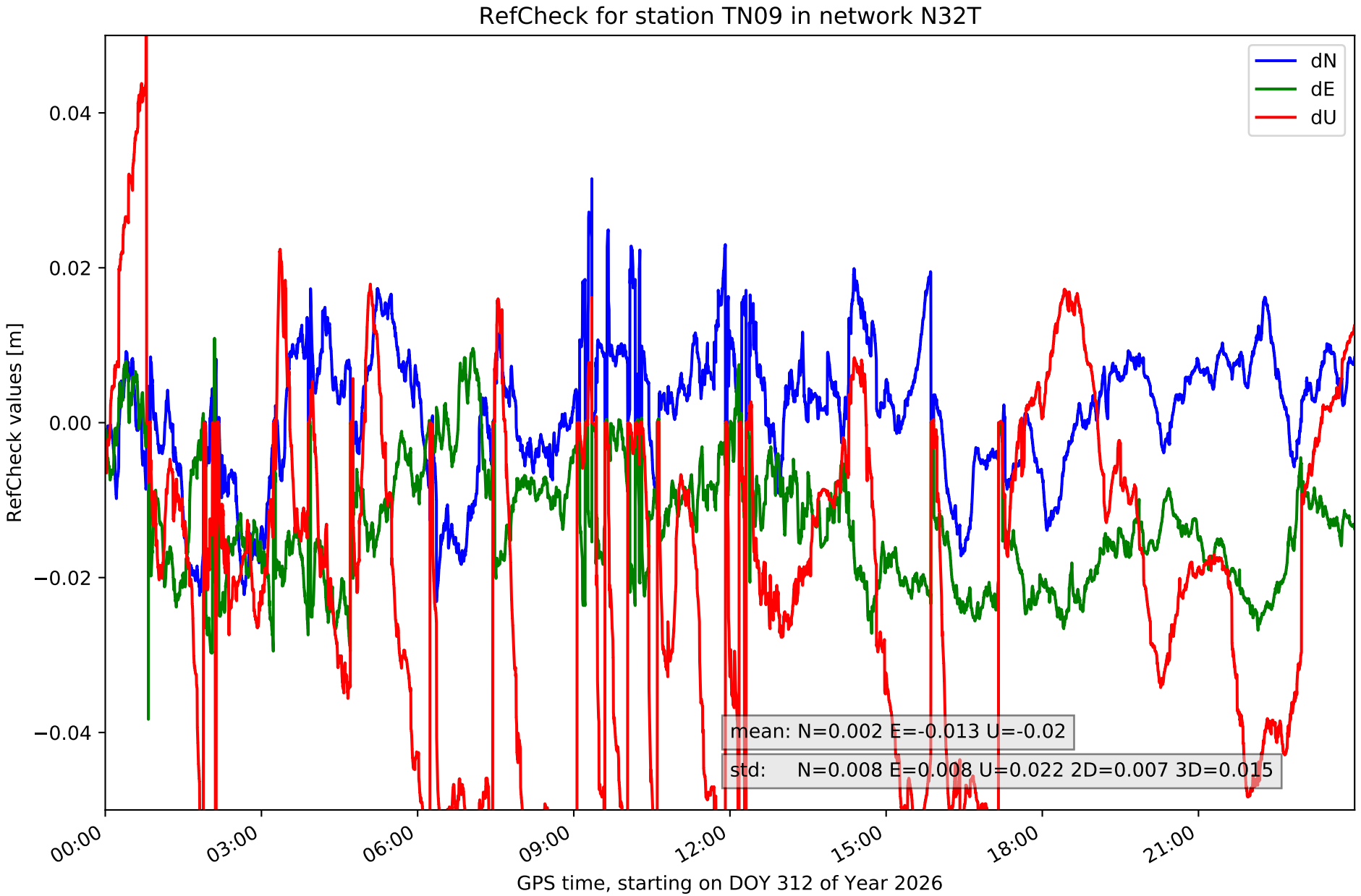

RefCheck for station LRES in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.008 E=0.014 U=-0.007
std: N=0.007 E=0.007 U=0.014 2D=0.007 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

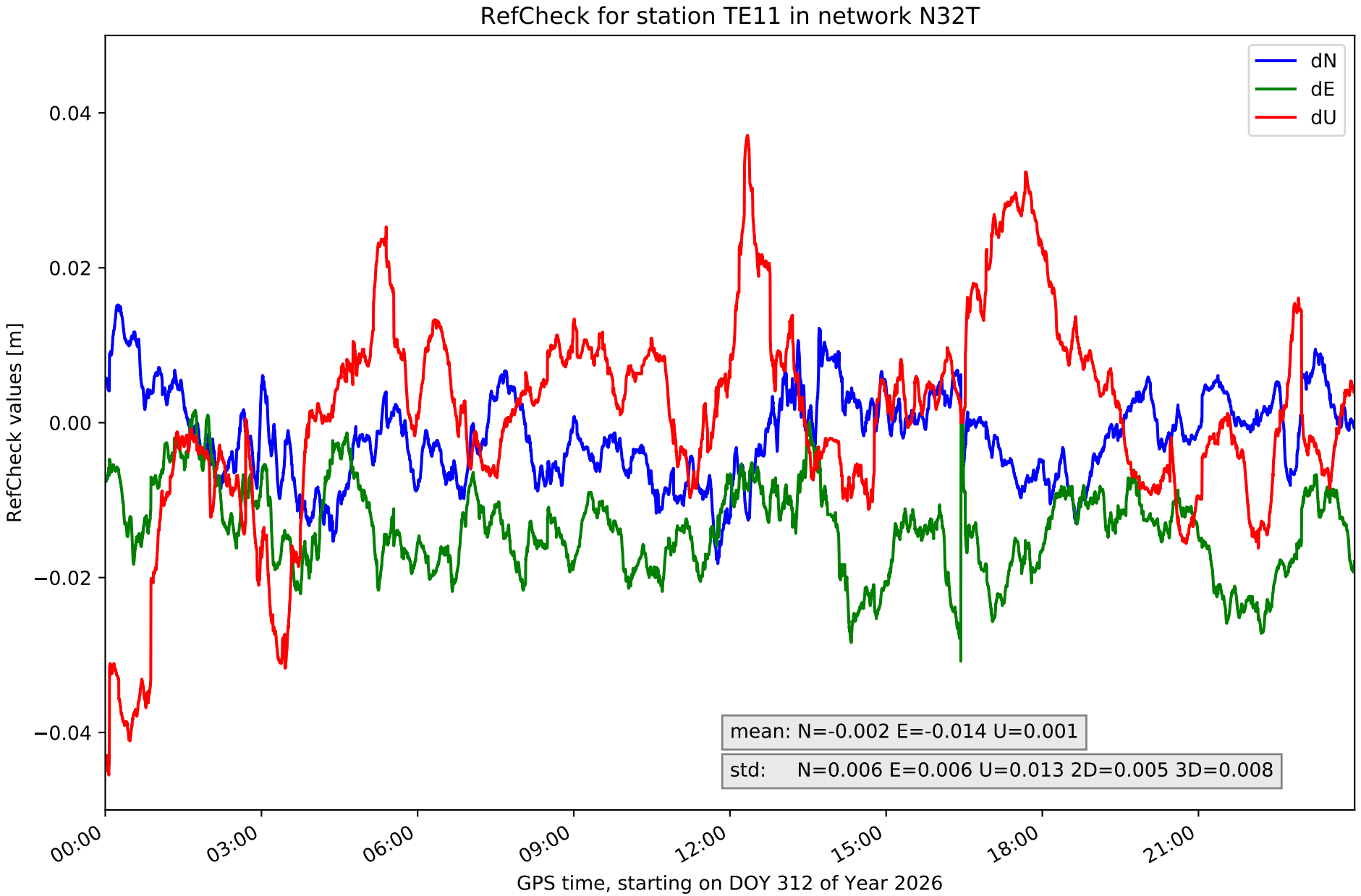

RefCheck for station TN01 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=-0.013 U=0.002
std: N=0.009 E=0.01 U=0.019 2D=0.009 3D=0.013
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026


RefCheck for station TN02 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.007 E=-0.01 U=0.009
std: N=0.009 E=0.009 U=0.018 2D=0.007 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026


RefCheck for station TN03 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=-0.01 U=0.005
std: N=0.007 E=0.006 U=0.016 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 312 of Year 2026


RefCheck for station TN06 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.005 E=-0.007 U=-0.018
std: N=0.01 E=0.008 U=0.014 2D=0.006 3D=0.01
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026


RefCheck for station TN09 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=-0.013 U=-0.02
std: N=0.008 E=0.008 U=0.022 2D=0.007 3D=0.015
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026


RefCheck for station TE11 in network N32T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.014 U=0.001
std: N=0.006 E=0.006 U=0.013 2D=0.005 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 312 of Year 2026

# RefCheck values for network N32T

| Station | Nmin | Nmax | Nstd | Emin | Emax | Estd | Umin | Umax | Ustd | std2D | std3D | #2D > 0.01 | % 2D > 0.01 | #3D > 0.02 | % 3D > 0.02 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EH01 | -0.019 | 0.034 | 0.008 | -0.005 | 0.054 | 0.008 | -0.042 | 0.054 | 0.015 | 0.009 | 0.011 | 46757 | 67.4 | 38212 | 55.0 |
| EH02 | -0.004 | **0.038** | 0.009 | -0.006 | 0.039 | 0.009 | -0.062 | 0.054 | 0.015 | **0.011** | **0.015** | 48939 | 70.5 | 44810 | 64.5 |
| GOM1 | -0.034 | 0.028 | 0.009 | -0.039 | 0.047 | **0.011** | -0.053 | 0.06 | 0.018 | 0.008 | 0.012 | 57535 | 82.9 | 49474 | 71.3 |
| GOME | -0.03 | 0.025 | 0.009 | -0.025 | **0.057** | 0.01 | -0.038 | 0.036 | 0.016 | 0.006 | 0.008 | 46994 | 67.7 | 31779 | 45.8 |
| IZAN | -0.035 | 0.012 | 0.009 | -0.038 | 0.016 | 0.009 | -0.033 | 0.04 | 0.012 | 0.008 | 0.009 | 49733 | 71.6 | 32092 | 46.2 |
| LP01 | -0.034 | 0.027 | 0.009 | -0.028 | 0.03 | 0.007 | -0.033 | 0.058 | 0.02 | 0.007 | 0.012 | **62987** | **90.7** | **60854** | **87.7** |
| LP03 | -0.031 | 0.011 | 0.007 | -0.026 | 0.014 | 0.007 | -0.047 | 0.046 | 0.018 | 0.006 | 0.01 | 45124 | 65.0 | 45749 | 65.9 |
| LPAL | -0.033 | 0.012 | 0.007 | -0.031 | 0.026 | 0.007 | **-0.085** | 0.03 | 0.014 | 0.006 | 0.007 | 52809 | 76.1 | 33342 | 48.0 |
| LRES | -0.014 | 0.032 | 0.007 | -0.03 | 0.03 | 0.007 | -0.044 | 0.02 | 0.014 | 0.007 | 0.008 | 61354 | 88.4 | 48825 | 70.3 |
| TN01 | **-0.044** | 0.033 | 0.009 | **-0.064** | 0.027 | 0.01 | -0.052 | 0.061 | 0.019 | 0.009 | 0.013 | 52745 | 76.0 | 45427 | 65.4 |
| TN02 | -0.031 | 0.016 | 0.009 | -0.054 | 0.023 | 0.009 | -0.044 | **0.077** | 0.018 | 0.007 | 0.012 | 56302 | 81.1 | 44062 | 63.5 |
| TN03 | -0.023 | 0.016 | 0.007 | -0.027 | 0.013 | 0.006 | -0.035 | 0.04 | 0.016 | 0.006 | 0.009 | 49896 | 71.9 | 30247 | 43.6 |
| TN06 | -0.026 | 0.029 | **0.01** | -0.032 | 0.015 | 0.008 | -0.056 | 0.012 | 0.014 | 0.006 | 0.01 | 51938 | 74.8 | 45565 | 65.6 |
| TN09 | -0.023 | 0.032 | 0.008 | -0.038 | 0.011 | 0.008 | -0.061 | 0.06 | **0.022** | 0.007 | **0.015** | 54760 | 78.9 | 53475 | 77.0 |
| TE11 | -0.018 | 0.015 | 0.006 | -0.031 | 0.002 | 0.006 | -0.045 | 0.037 | 0.013 | 0.005 | 0.008 | 58429 | 84.2 | 27617 | 39.8 |
| **Mean** | **-0.027** | **0.024** | **0.008** | **-0.032** | **0.027** | **0.008** | **-0.049** | **0.046** | **0.016** | **0.007** | **0.011** | **53086.8** | **76.5** | **42102.0** | **60.6** |
| **Min/Max** | **-0.044** | **0.038** | **0.01** | **-0.064** | **0.057** | **0.011** | **-0.085** | **0.077** | **0.022** | **0.011** | **0.015** | **62987** | **90.7** | **60854** | **87.7** |

# fixing statistic for network N32T

| fixing percentage of | all GNSS | G | R | E | C |
|---|---|---|---|---|---|
| using threshold 0.3 | 81.5 | 85.3 | 76.4 | 84.7 | 76.9 |
| considering satellites with dual-frequency fixed | 69.1 | 72.3 | 60.8 | 71.6 | 68.2 |
| considering all signals separately | 69.7 | 72.3 | 60.8 | 72.1 | 68.1 |