summary for network NT32

timeperiod chosen: from 2026-11-10-00:00:00 until 2026-11-10-23:59:59

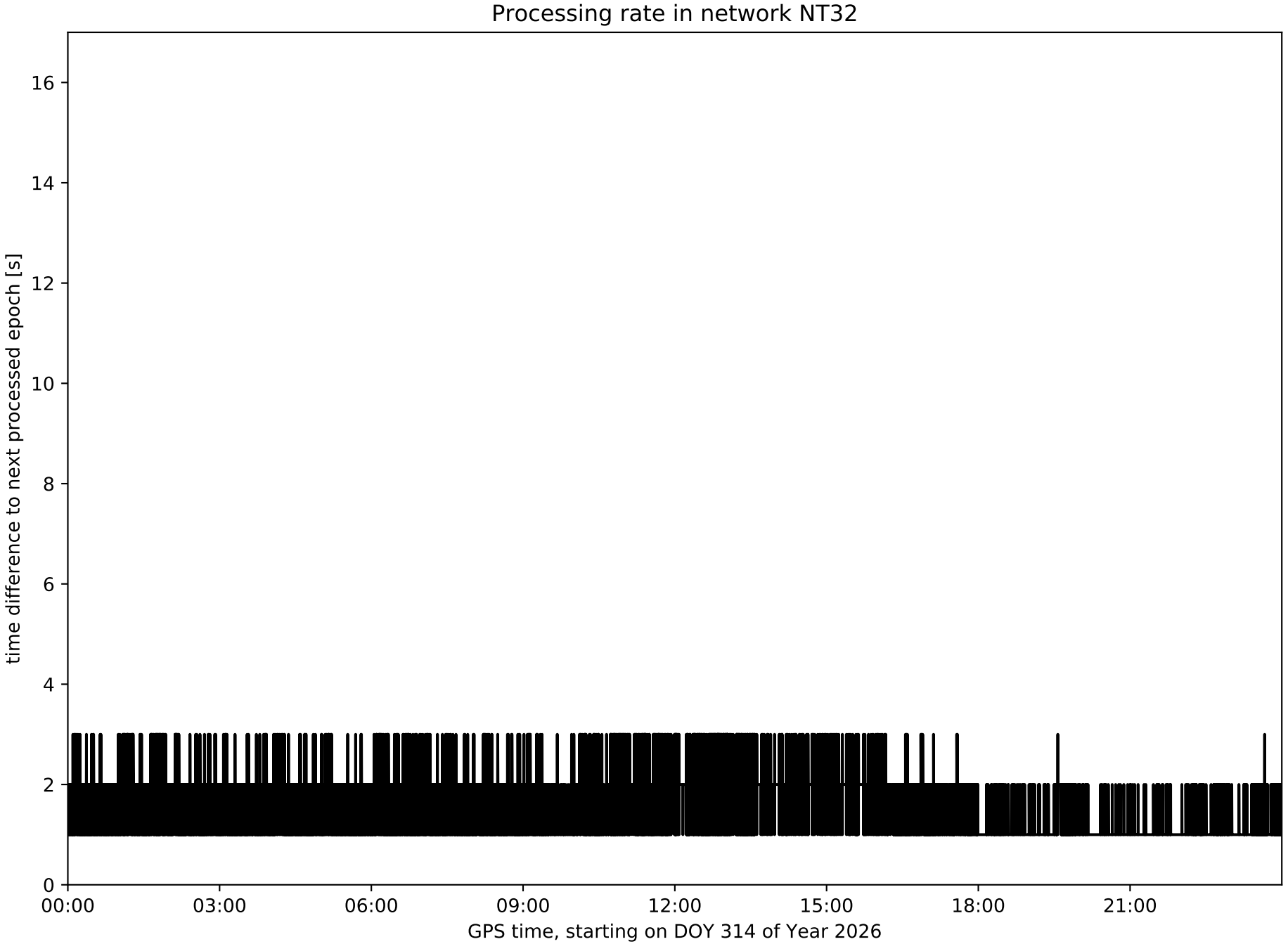
average update rate (durations larger than 15 seconds considered as observation gap): 1.3 seconds

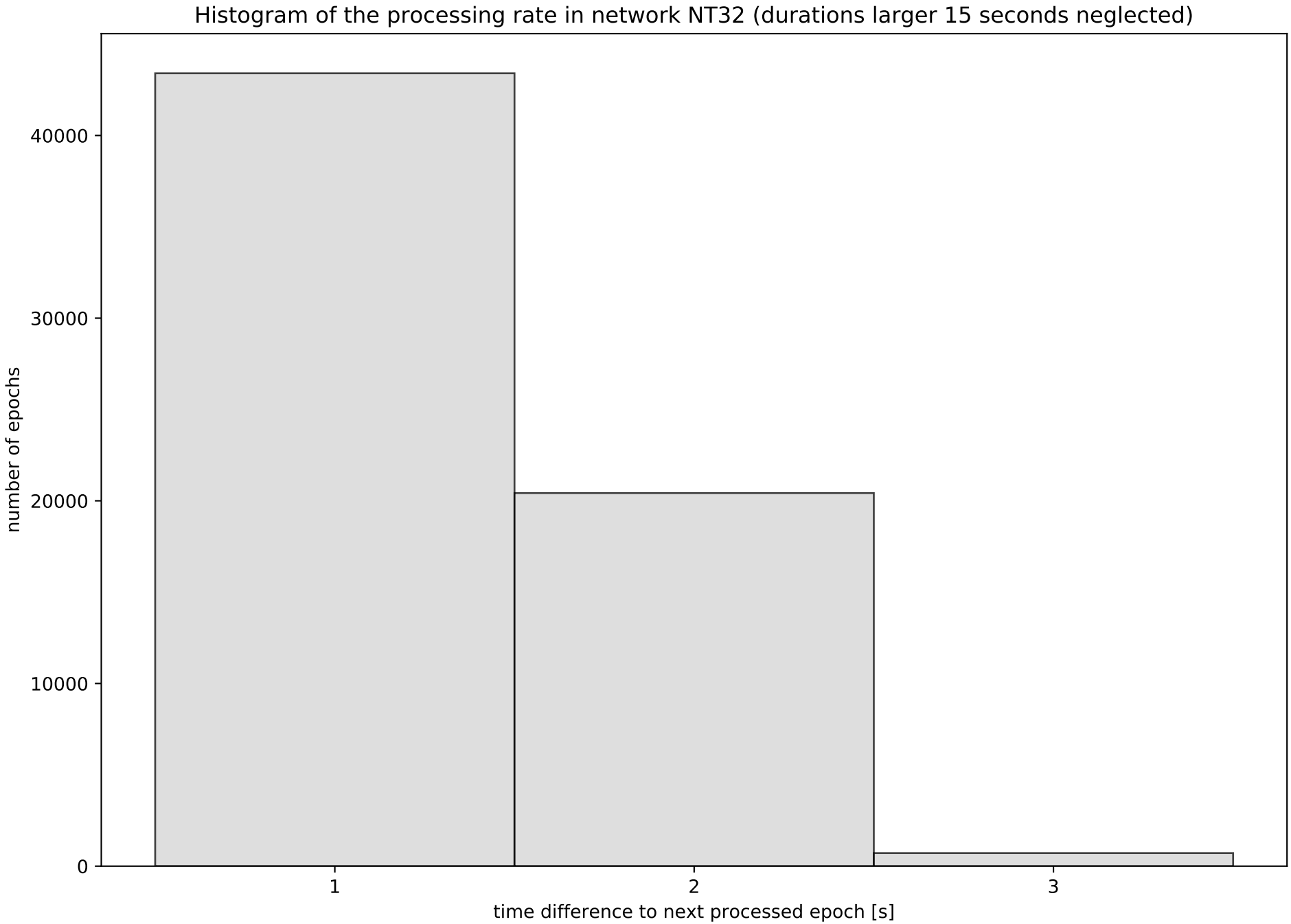
average fixing percentage with threshold set to 0.3: 89.1 percent

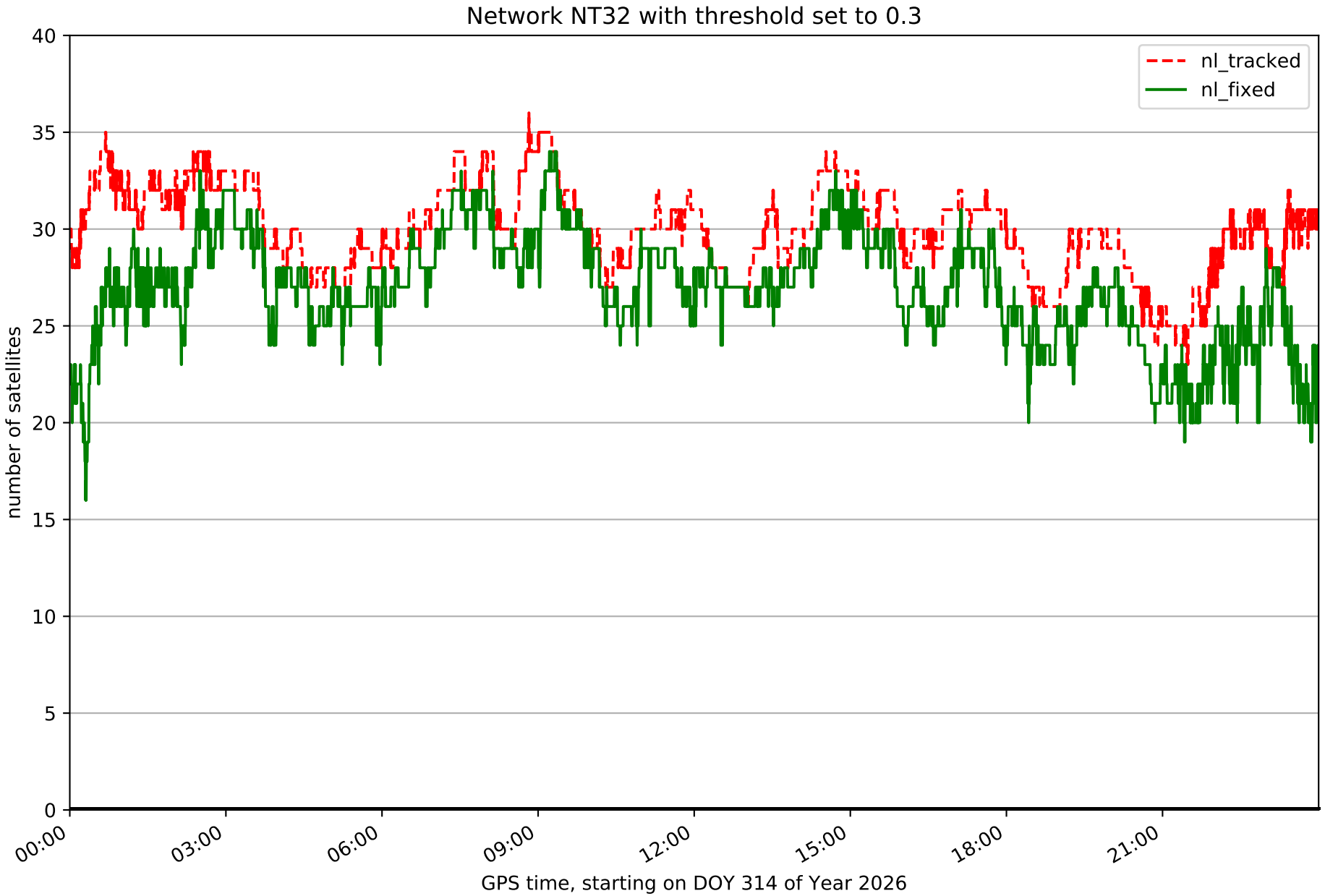
stations available: 15 of 15

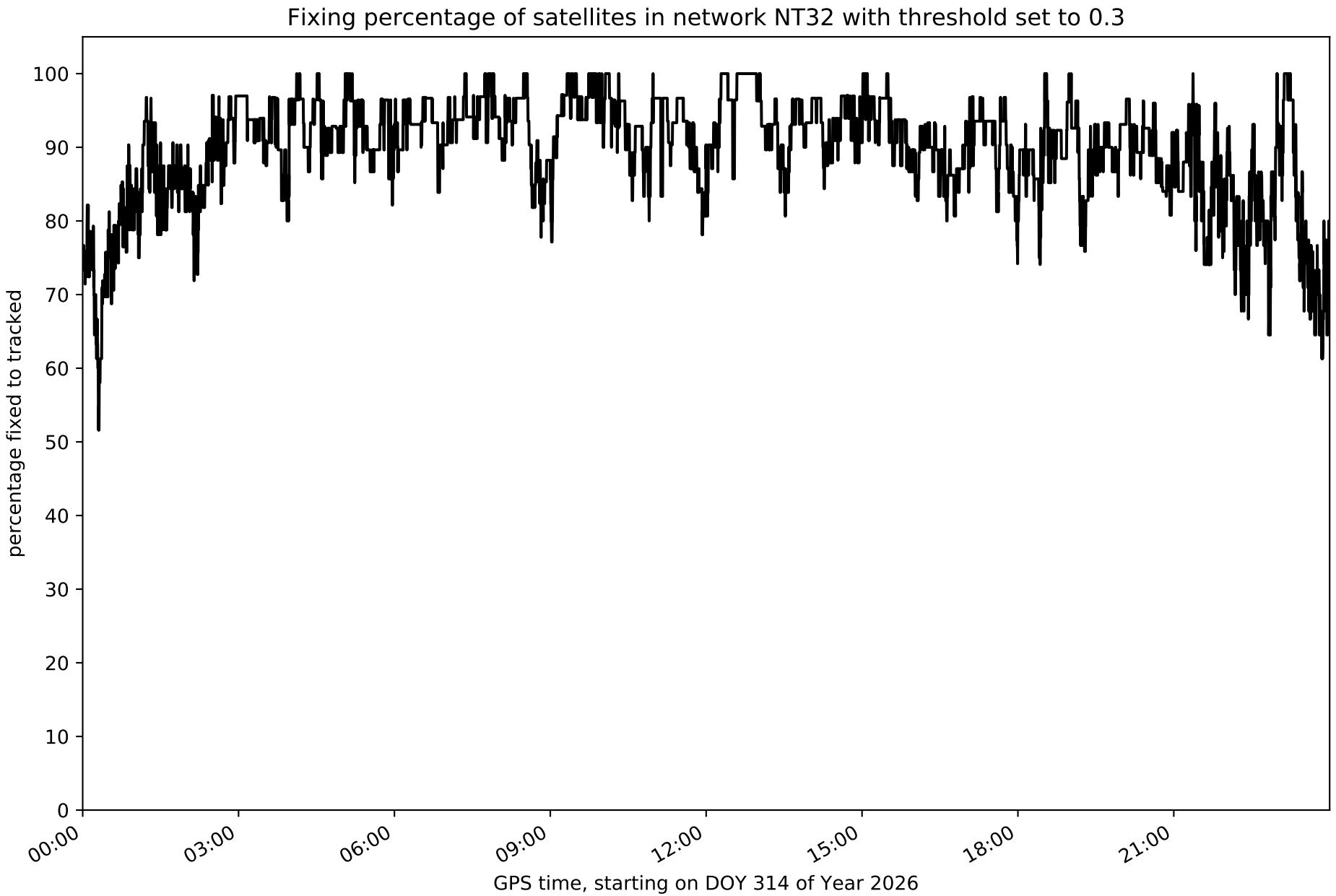
station information:

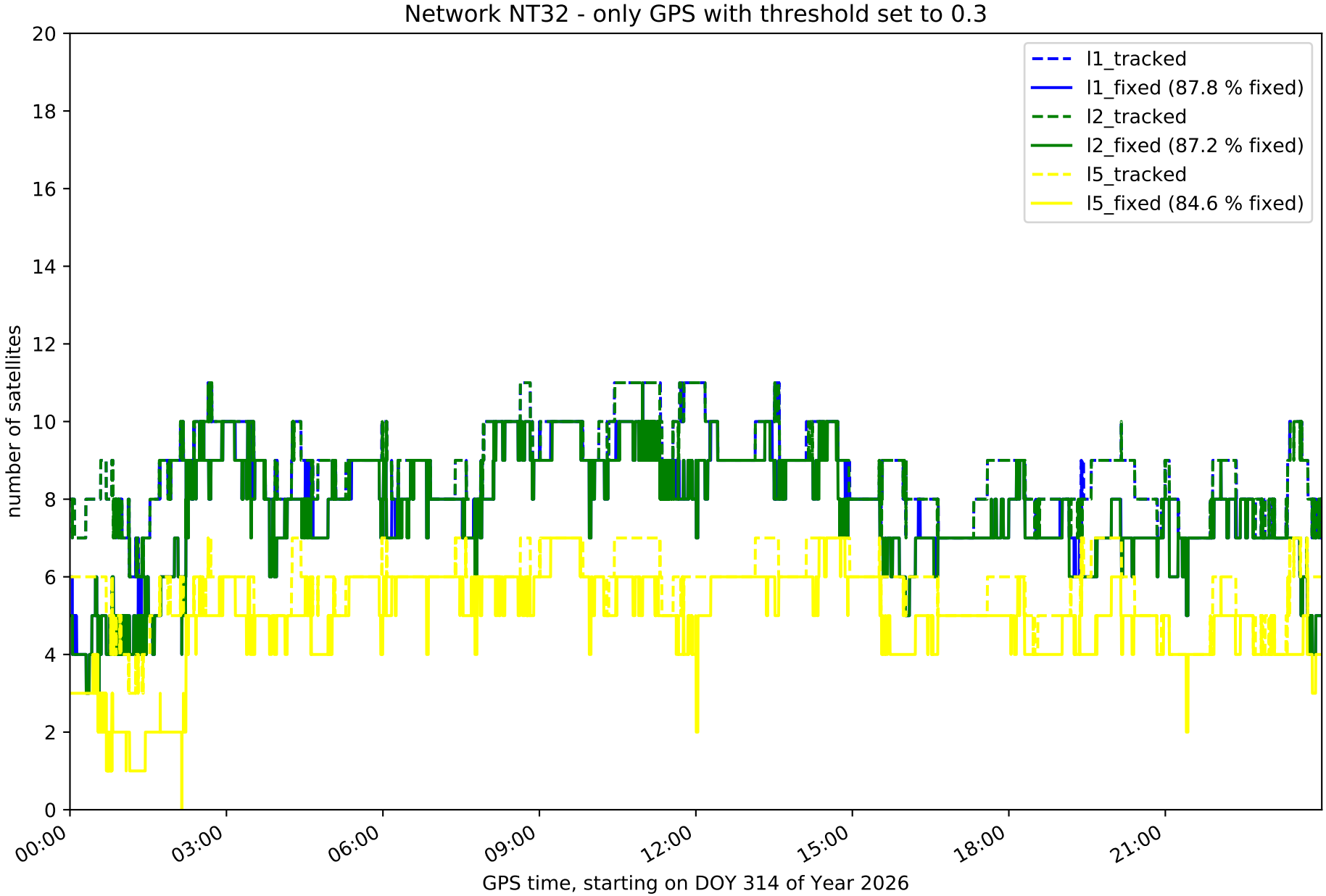
station EH01:	antenna: LEIAR20	LEIM	receiver: LEICA GR25	height: 801.016
station EH02:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 85.385
station GOM1:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 48.789
station GOME:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 114.977
station IZAN:	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 GR50	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

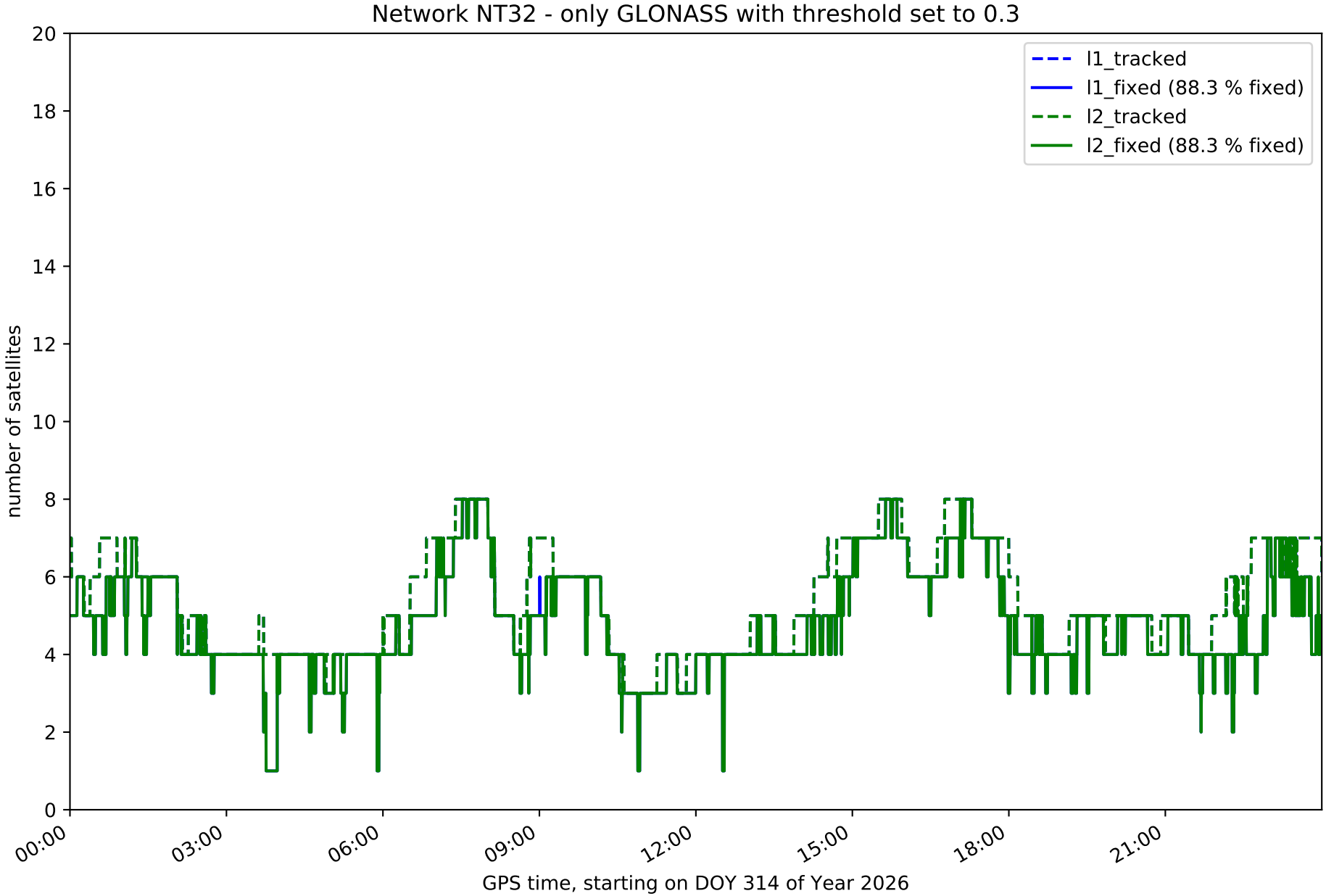

Processing rate in network NT32
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

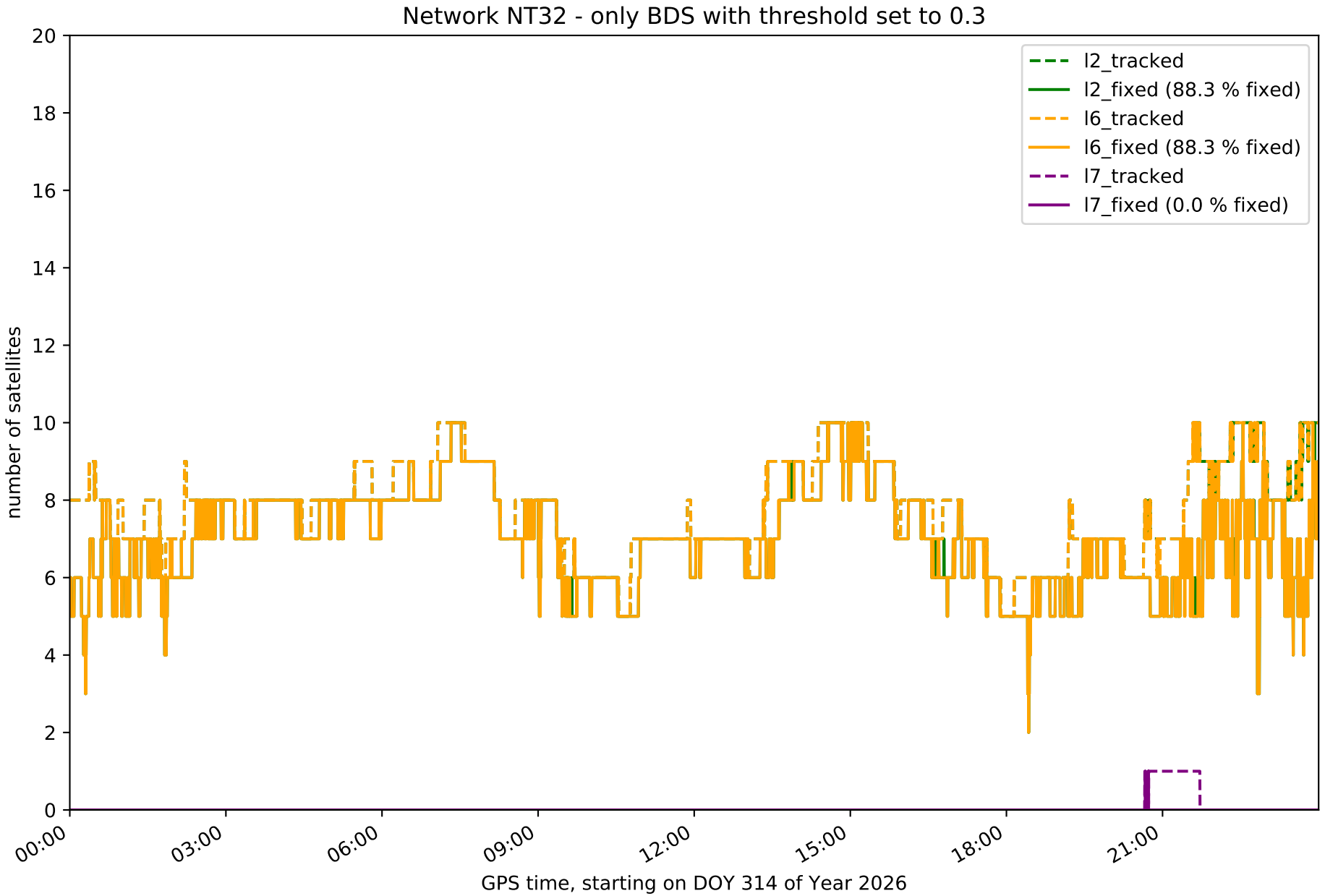

Histogram of the processing rate in network NT32 (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
1
2
3
time difference to next processed epoch [s]

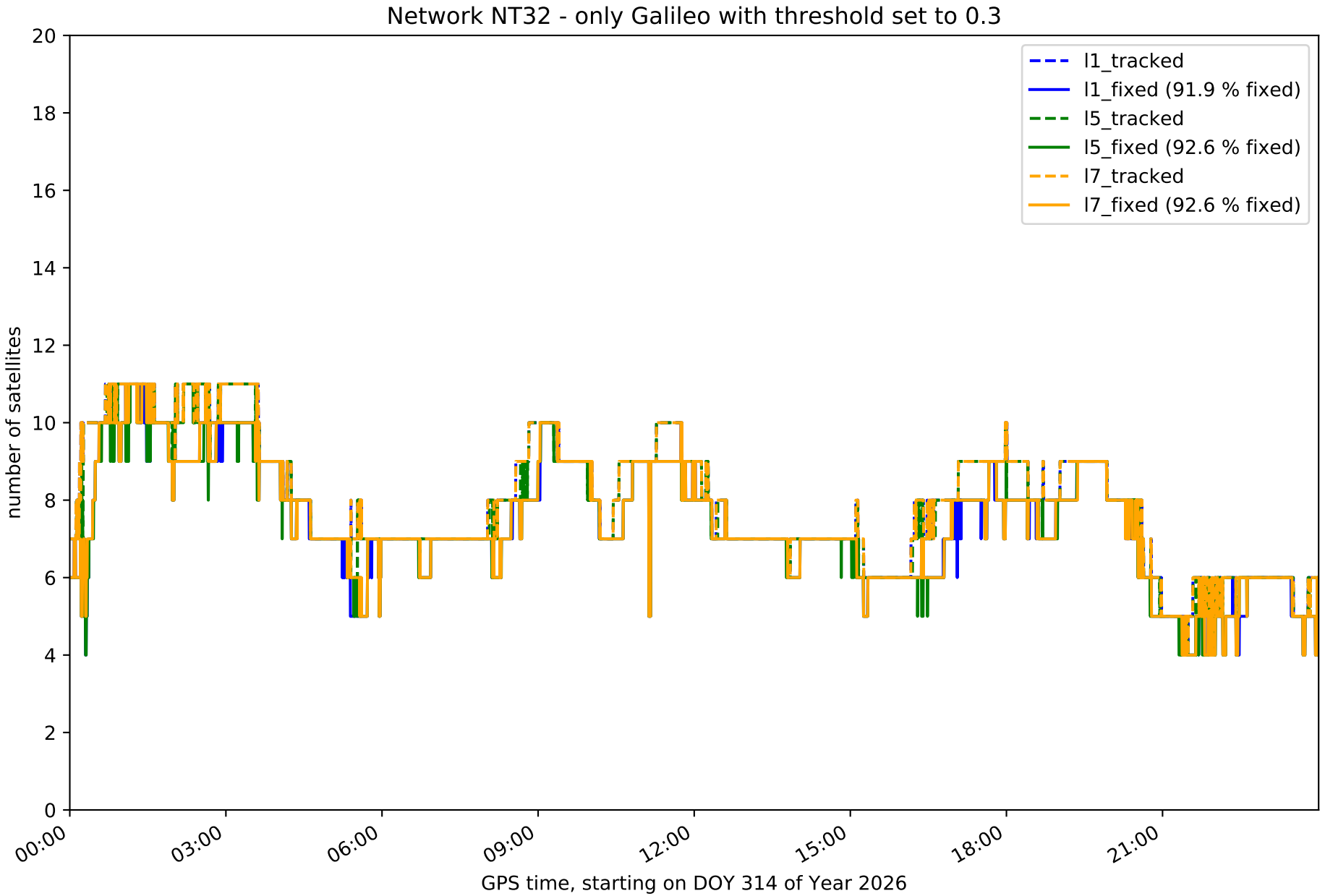

Network NT32 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

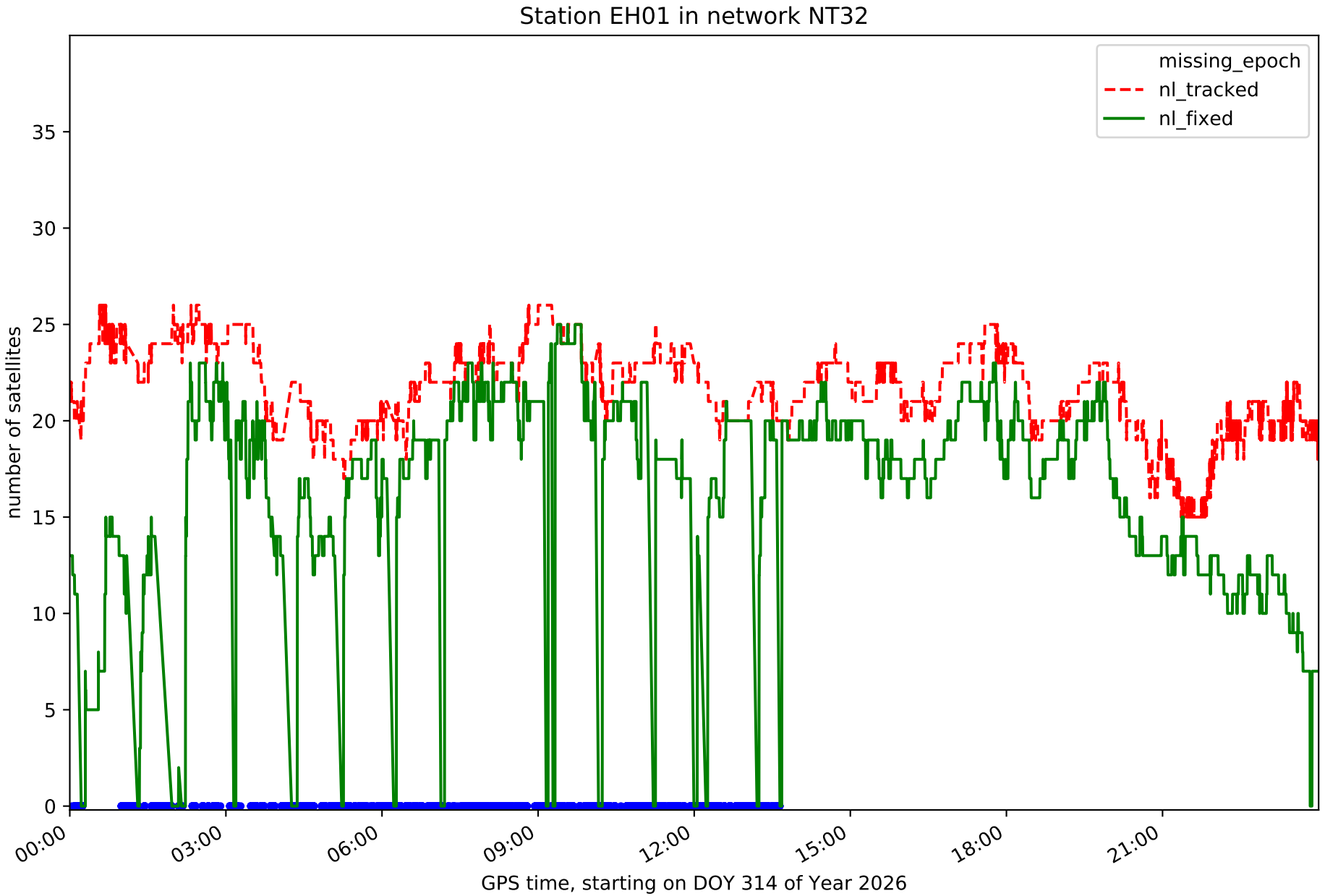

Fixing percentage of satellites in network NT32 with threshold set to 0.3
percentage fixed to tracked
0
10
20
30
40
50
60
70
80
90
100
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

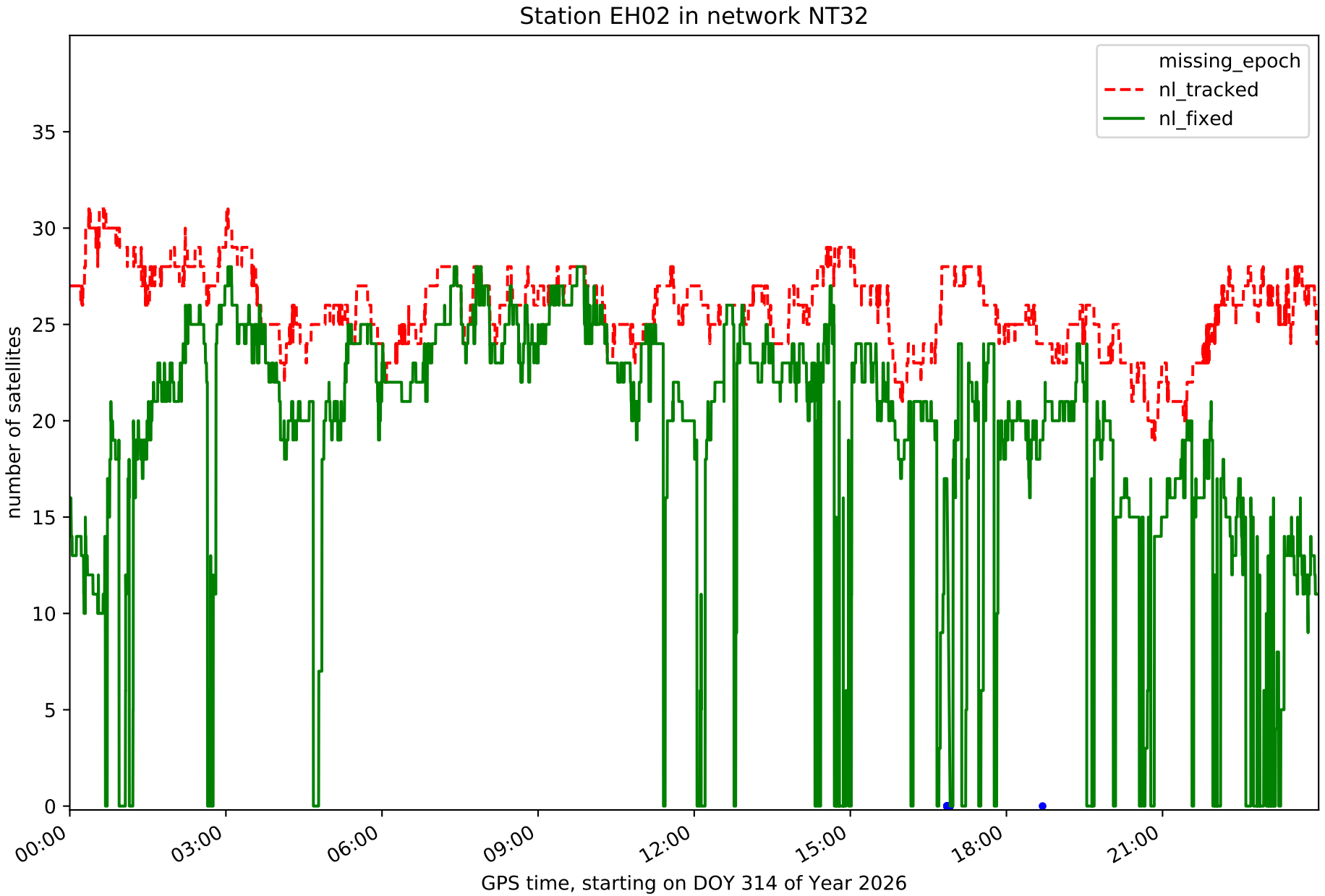

Network NT32 - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 314 of Year 2026
l1_tracked
l1_fixed (87.8 % fixed)
l2_tracked
l2_fixed (87.2 % fixed)
l5_tracked
l5_fixed (84.6 % fixed)
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00

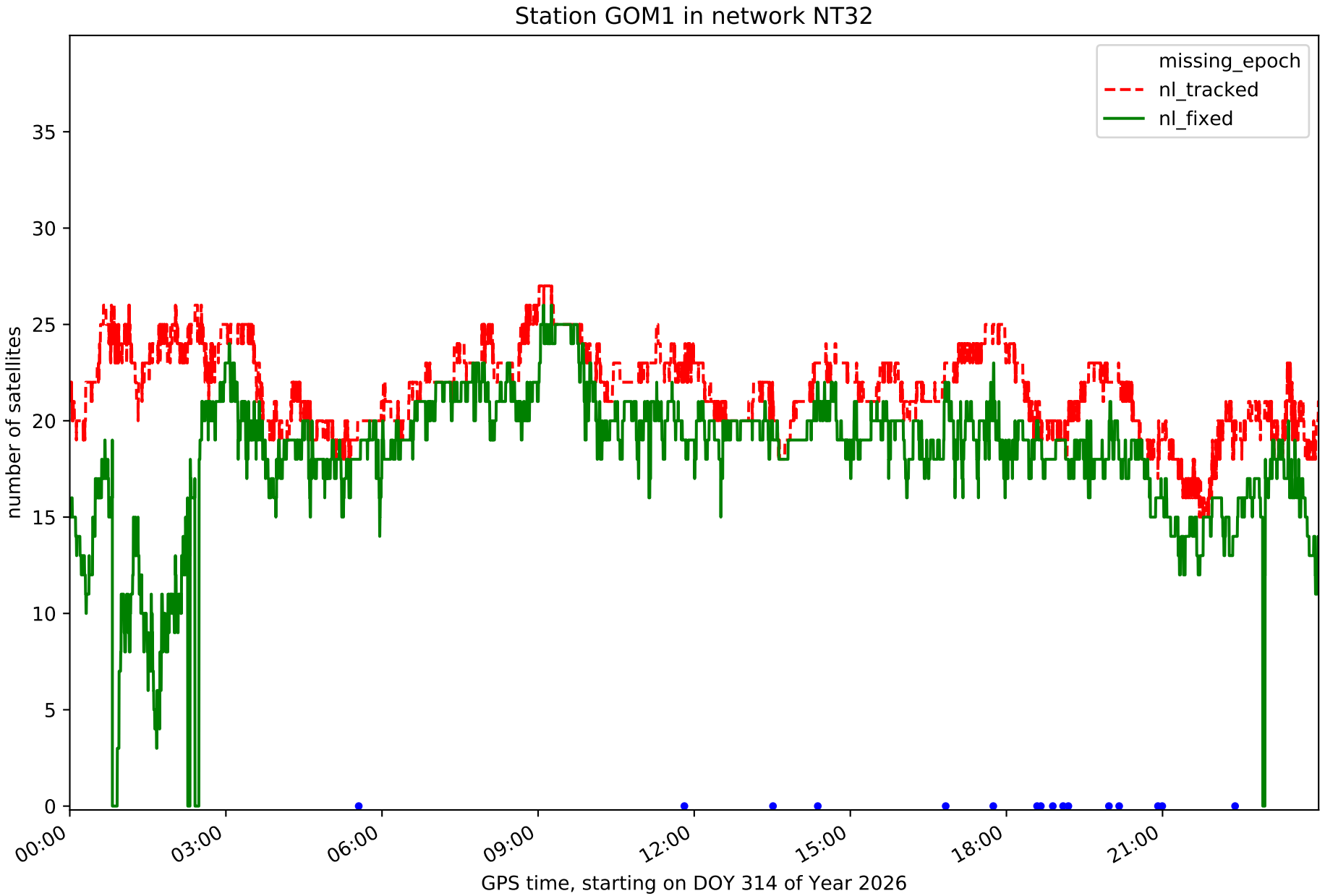

Network NT32 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (88.3 % fixed)
l2_tracked
l2_fixed (88.3 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

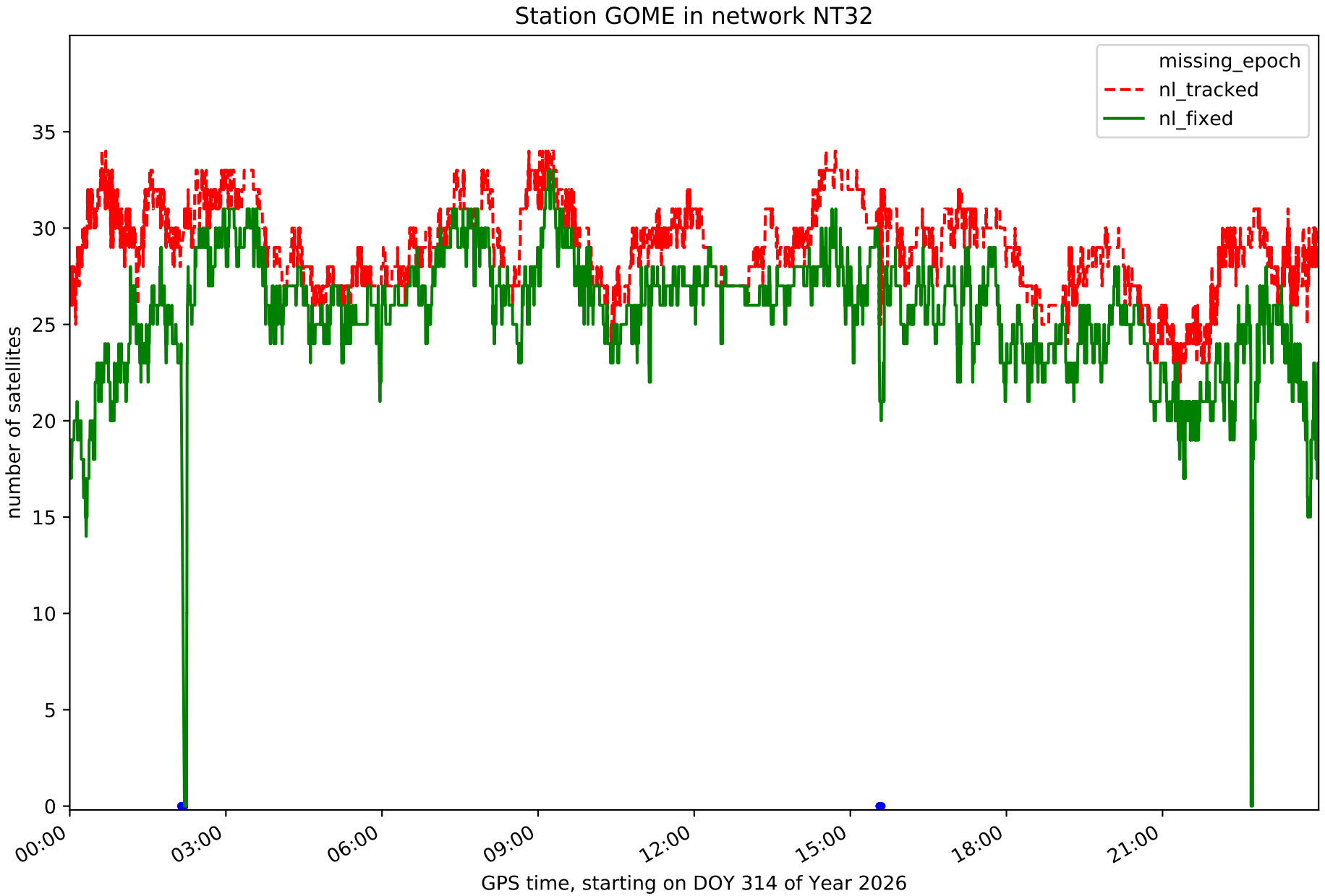

Network NT32 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 314 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (88.3 % fixed)
I6_tracked
I6_fixed (88.3 % fixed)
I7_tracked
I7_fixed (0.0 % fixed)

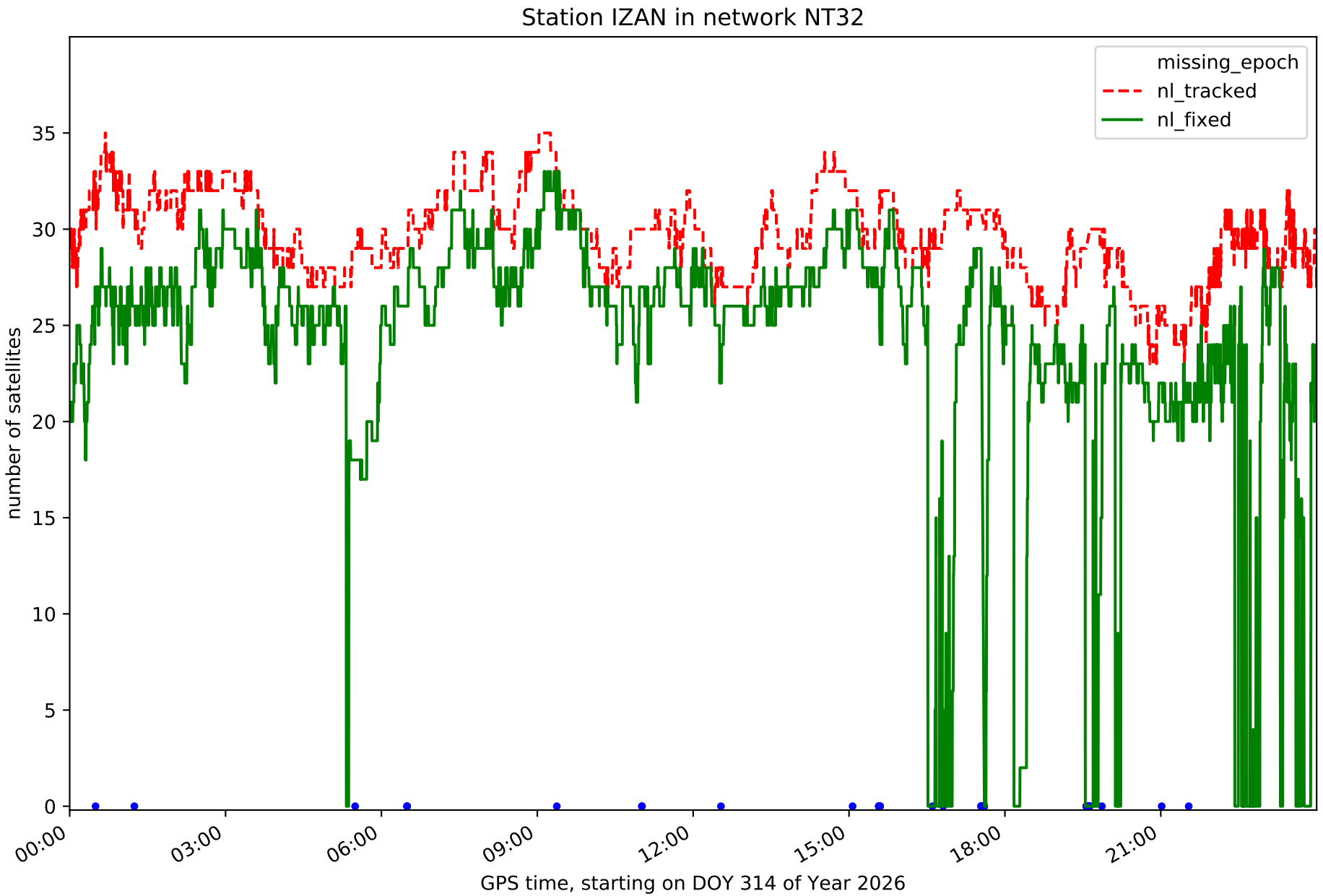

Network NT32 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 314 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (91.9 % fixed)
l5_tracked
l5_fixed (92.6 % fixed)
l7_tracked
l7_fixed (92.6 % fixed)

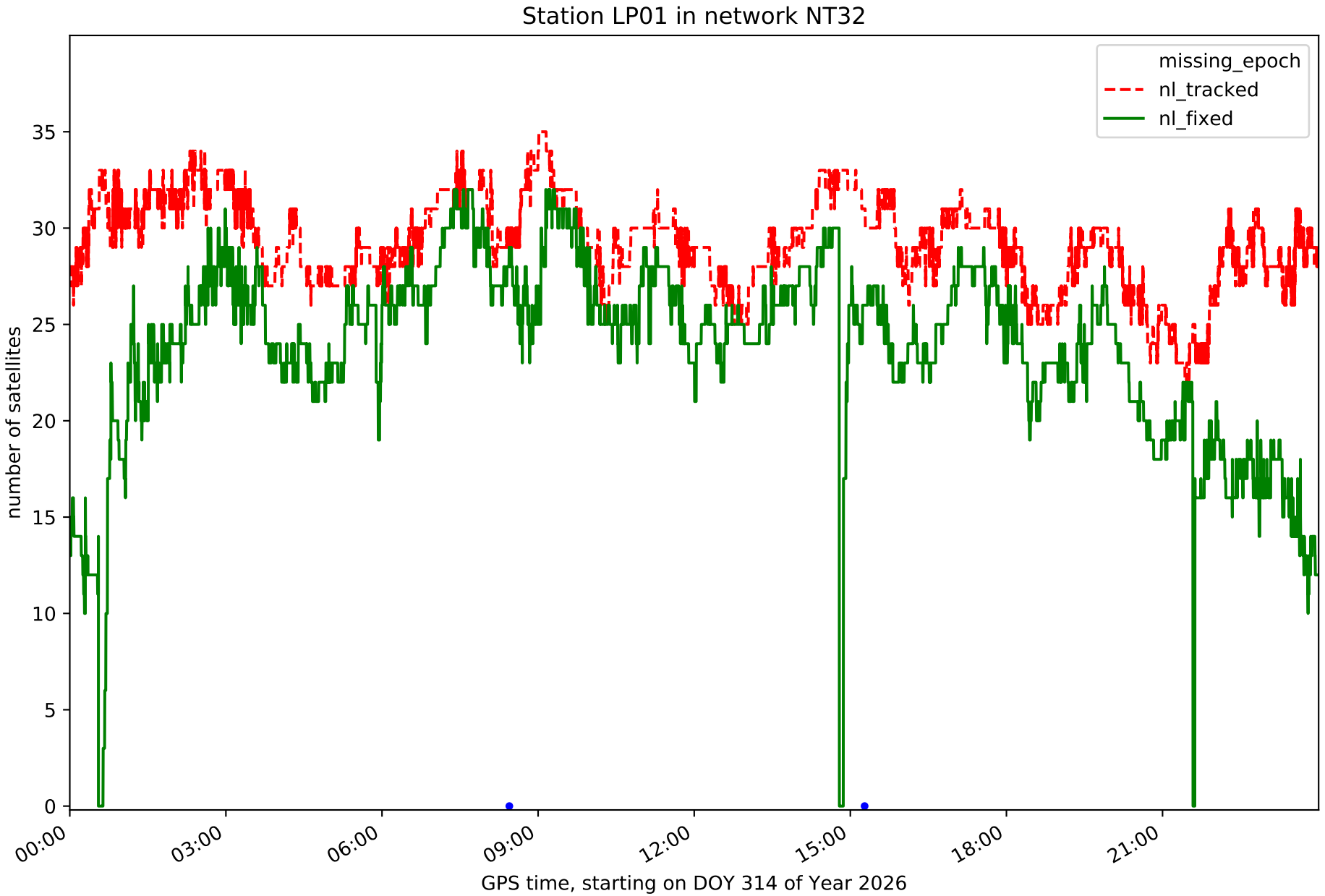

Station EH01 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

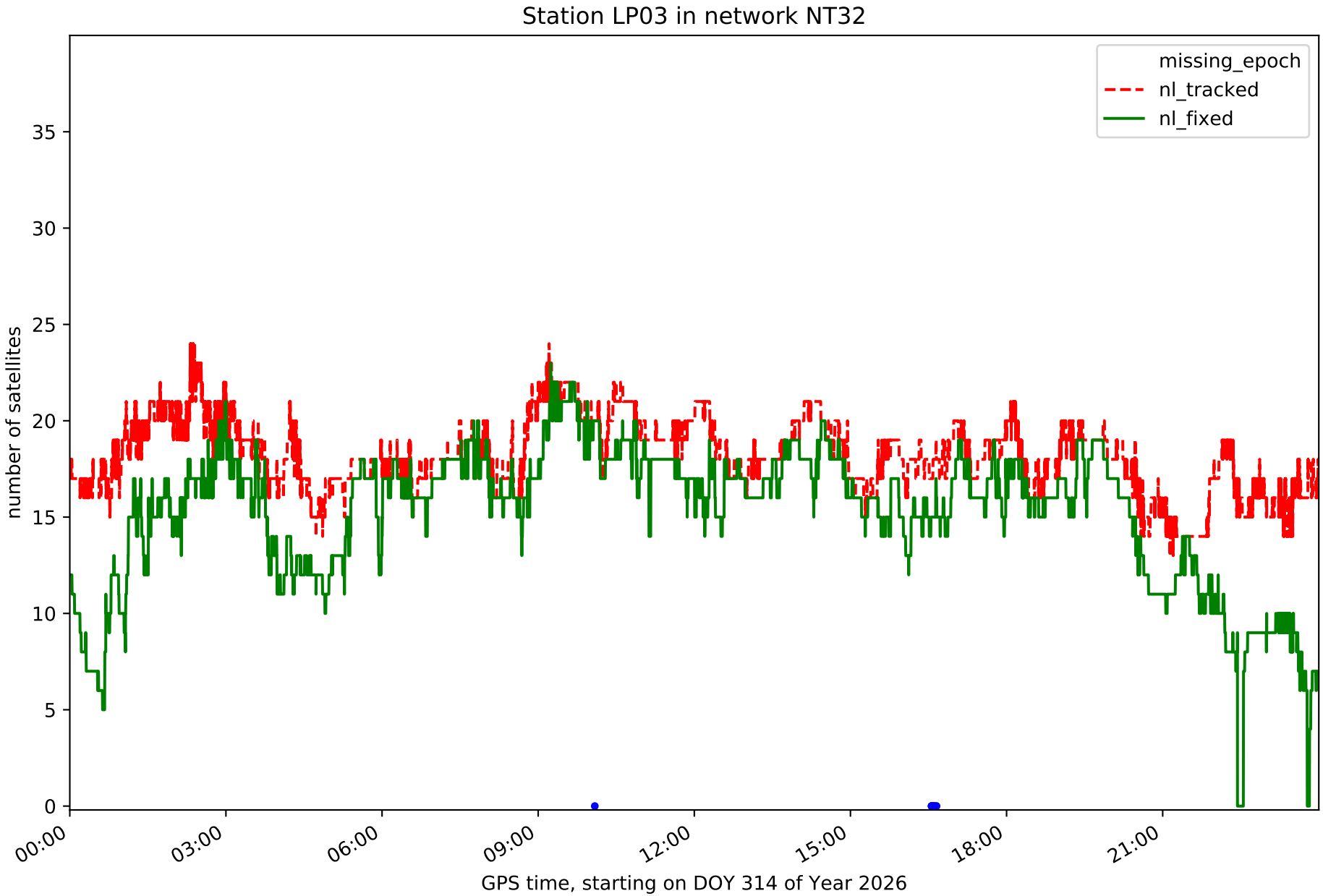

Station EH02 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

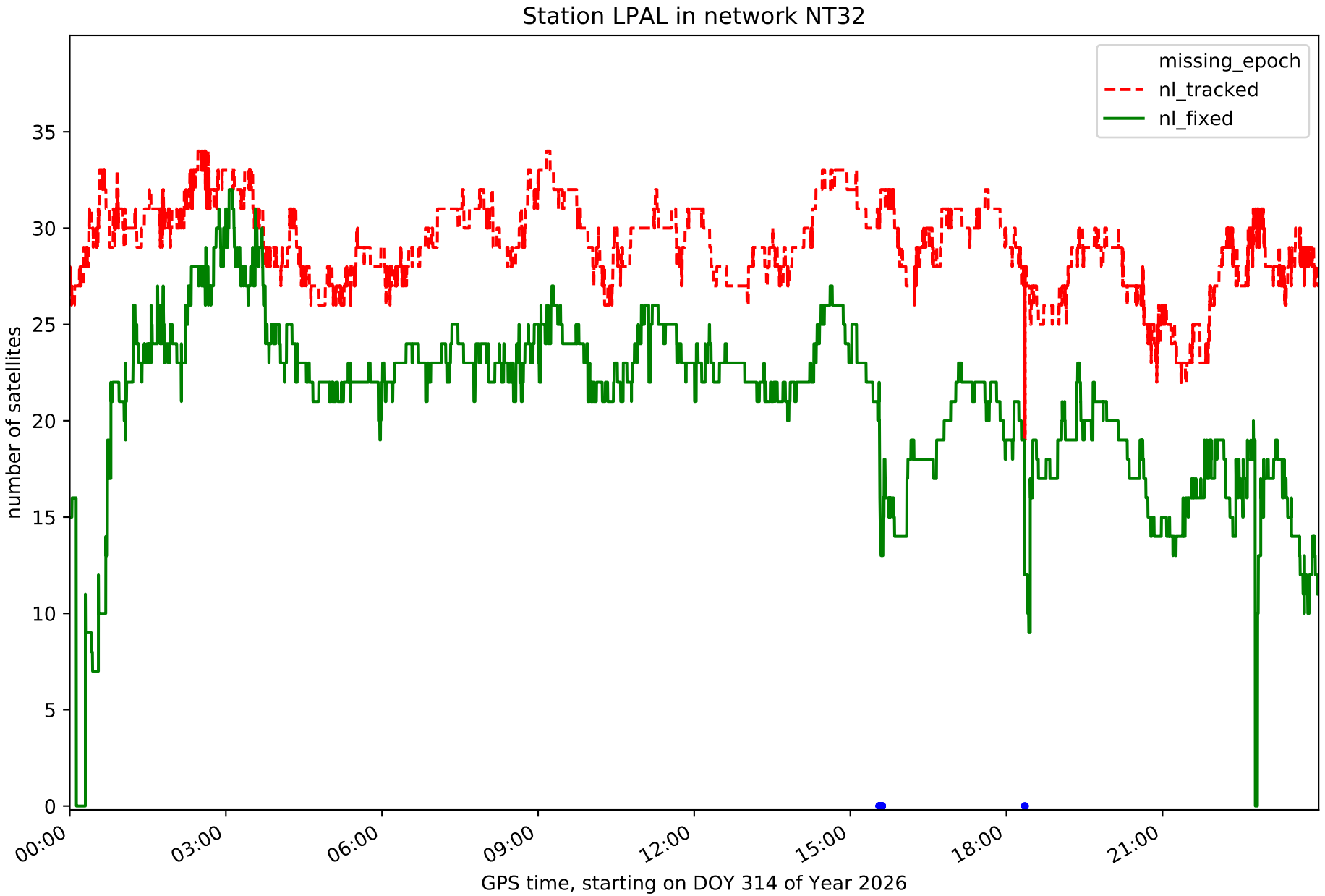

Station GOM1 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

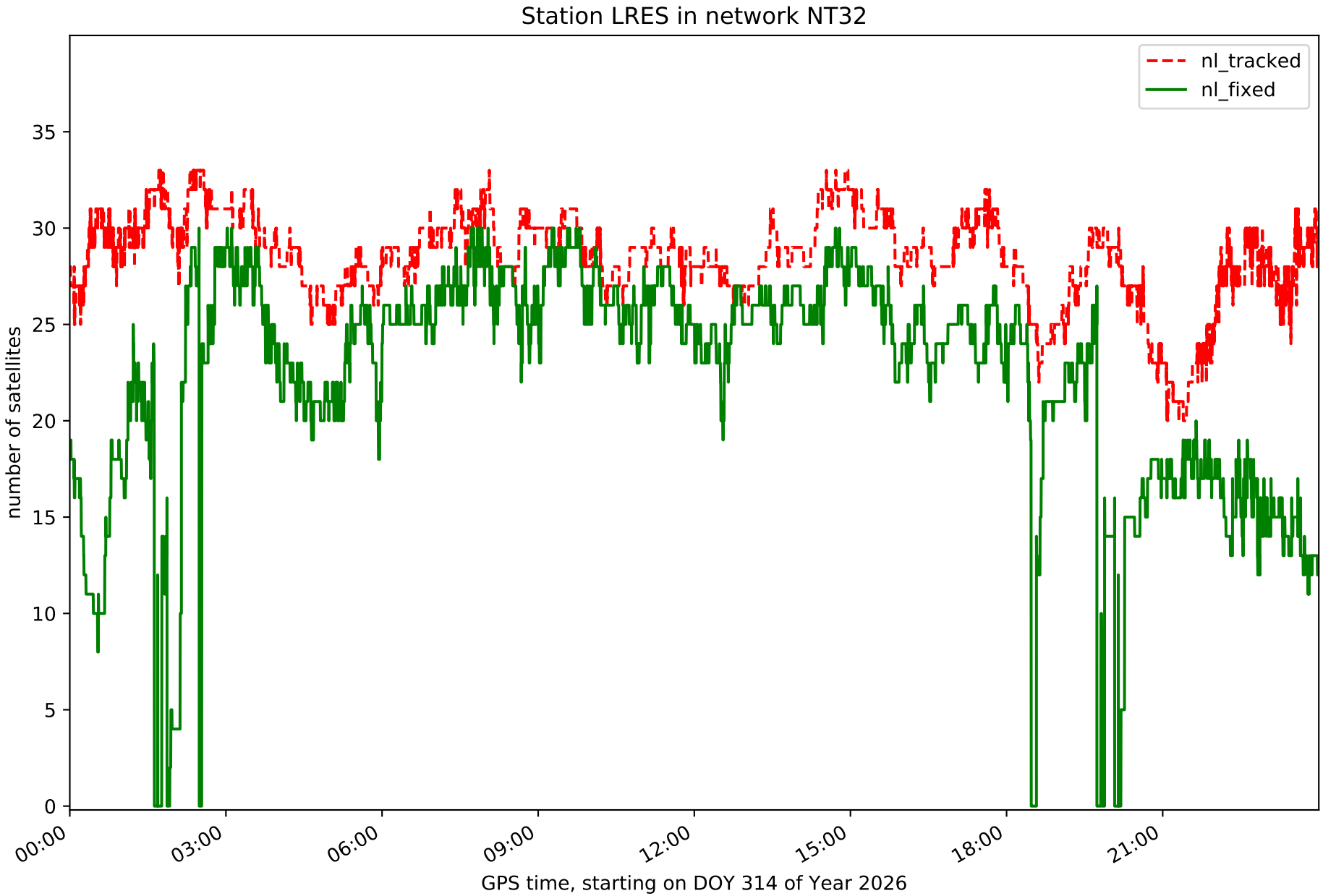

Station GOME in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

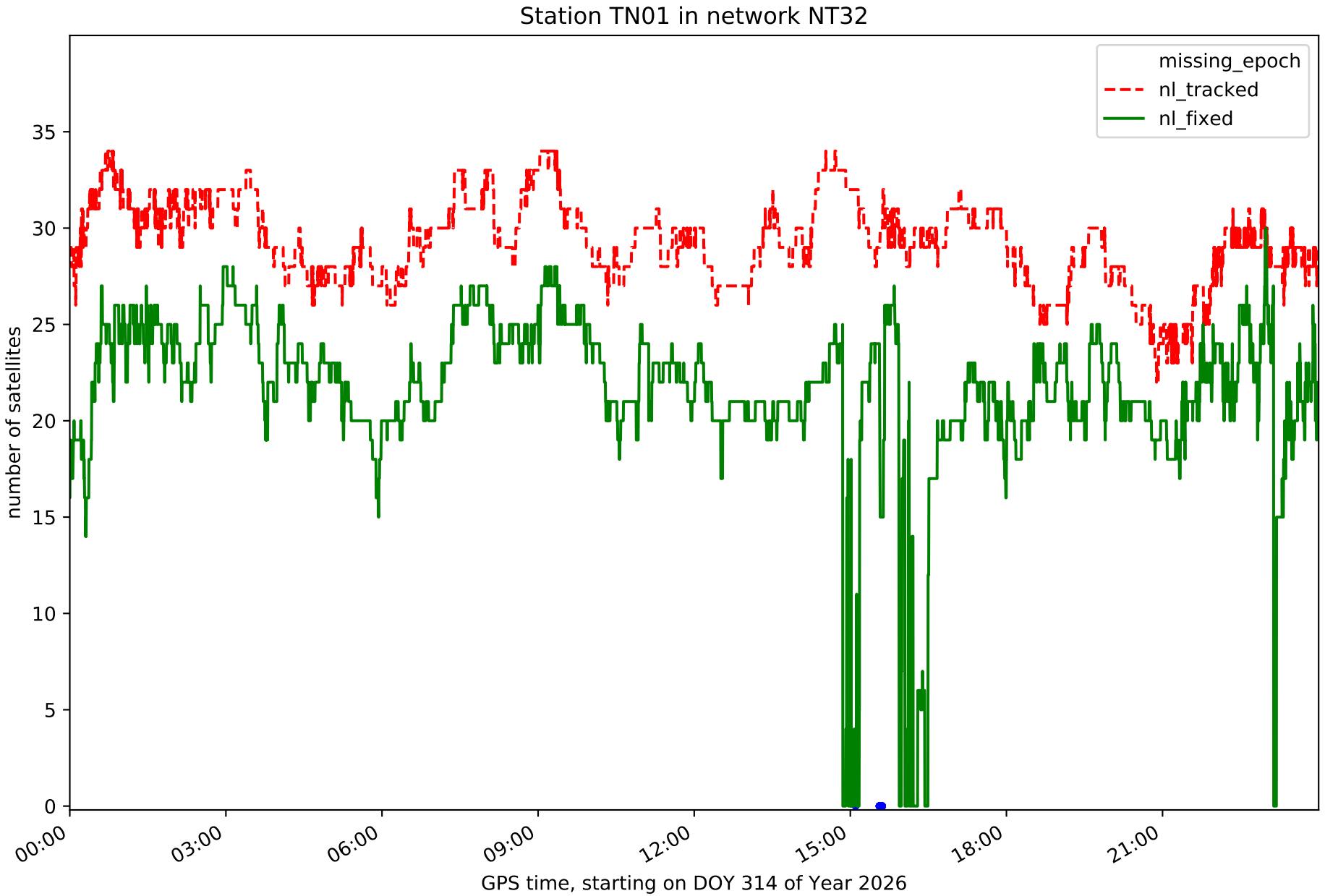

Station IZAN in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

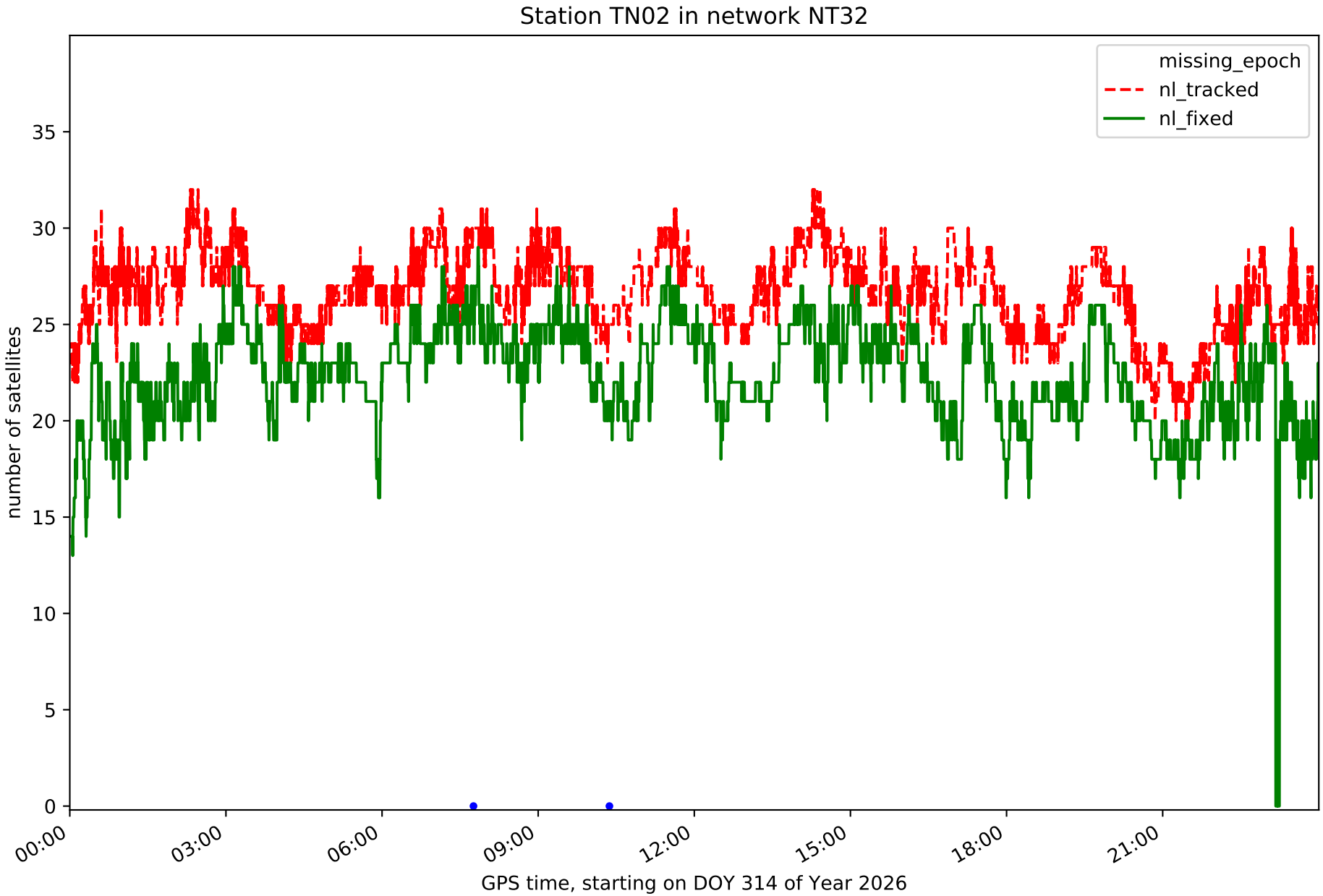

Station LP01 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

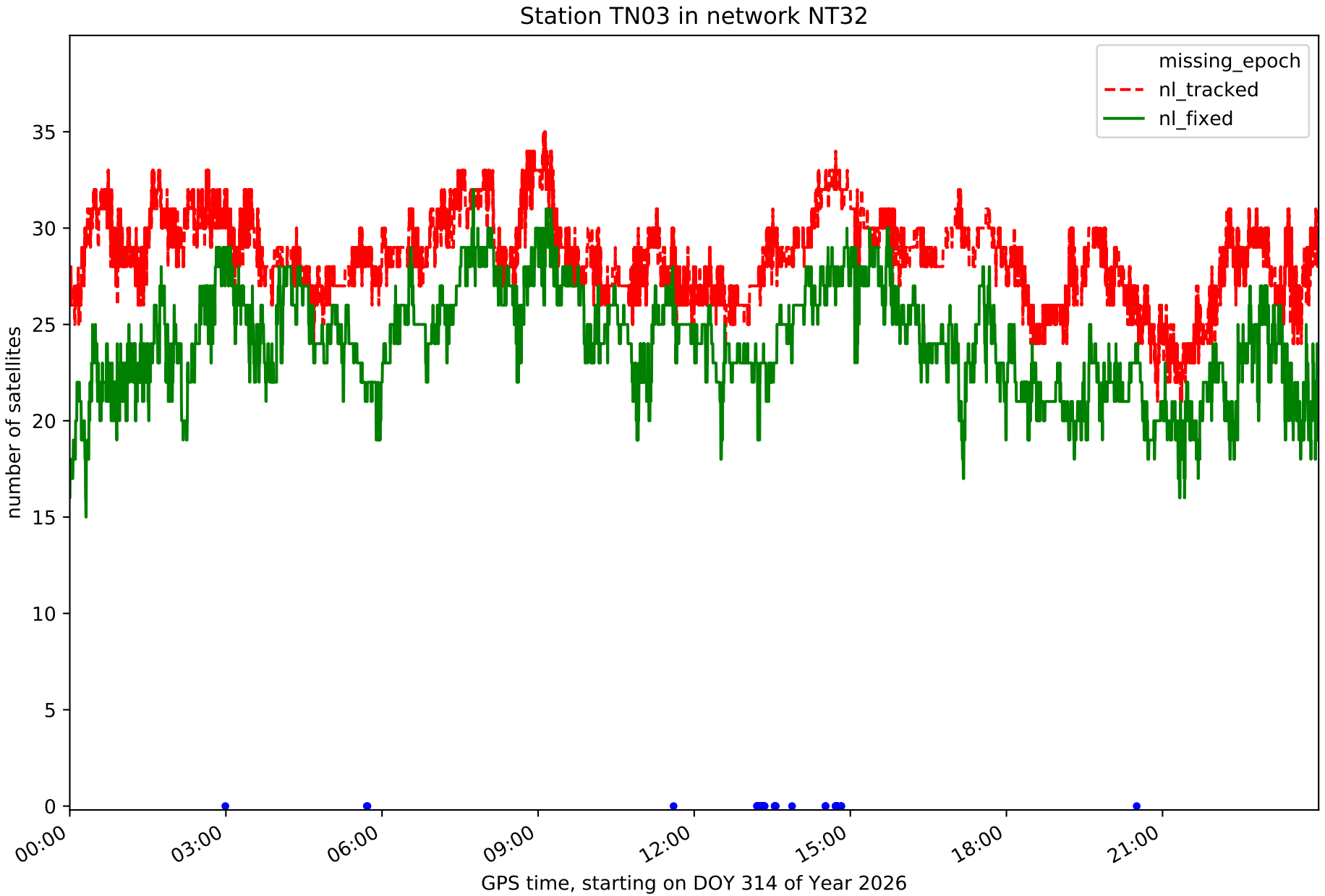

Station LP03 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

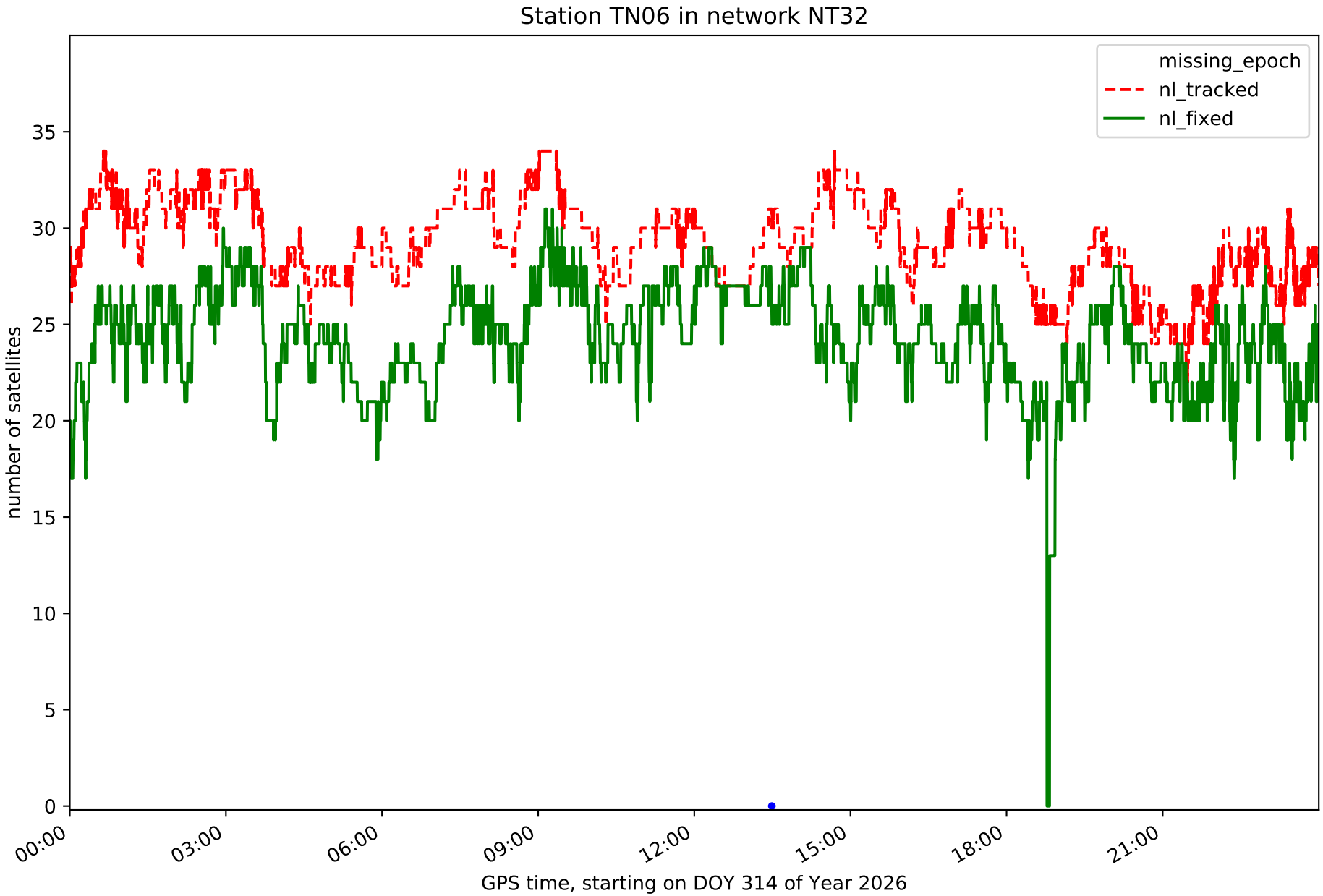

Station LPAL in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

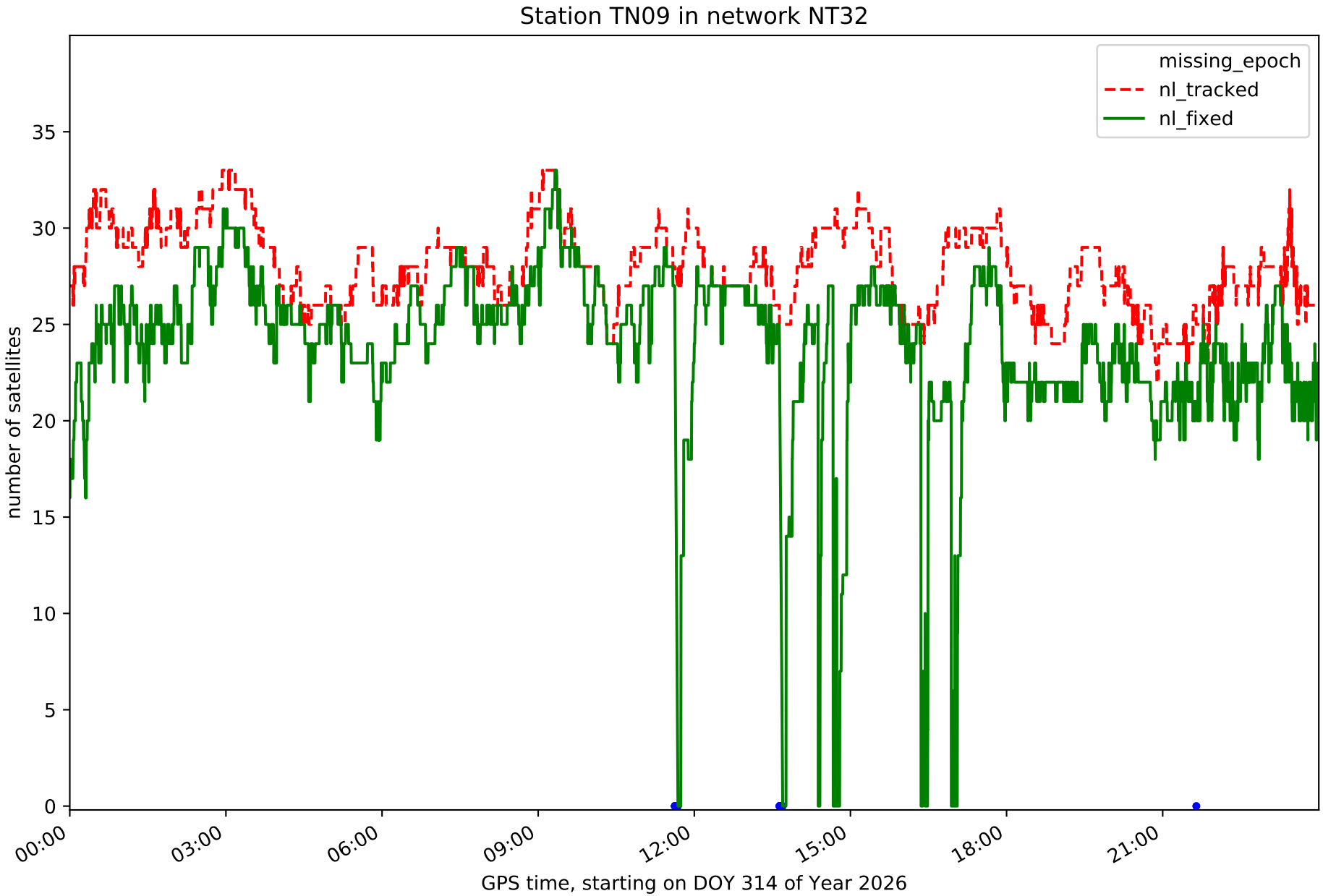

Station LRES in network NT32
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

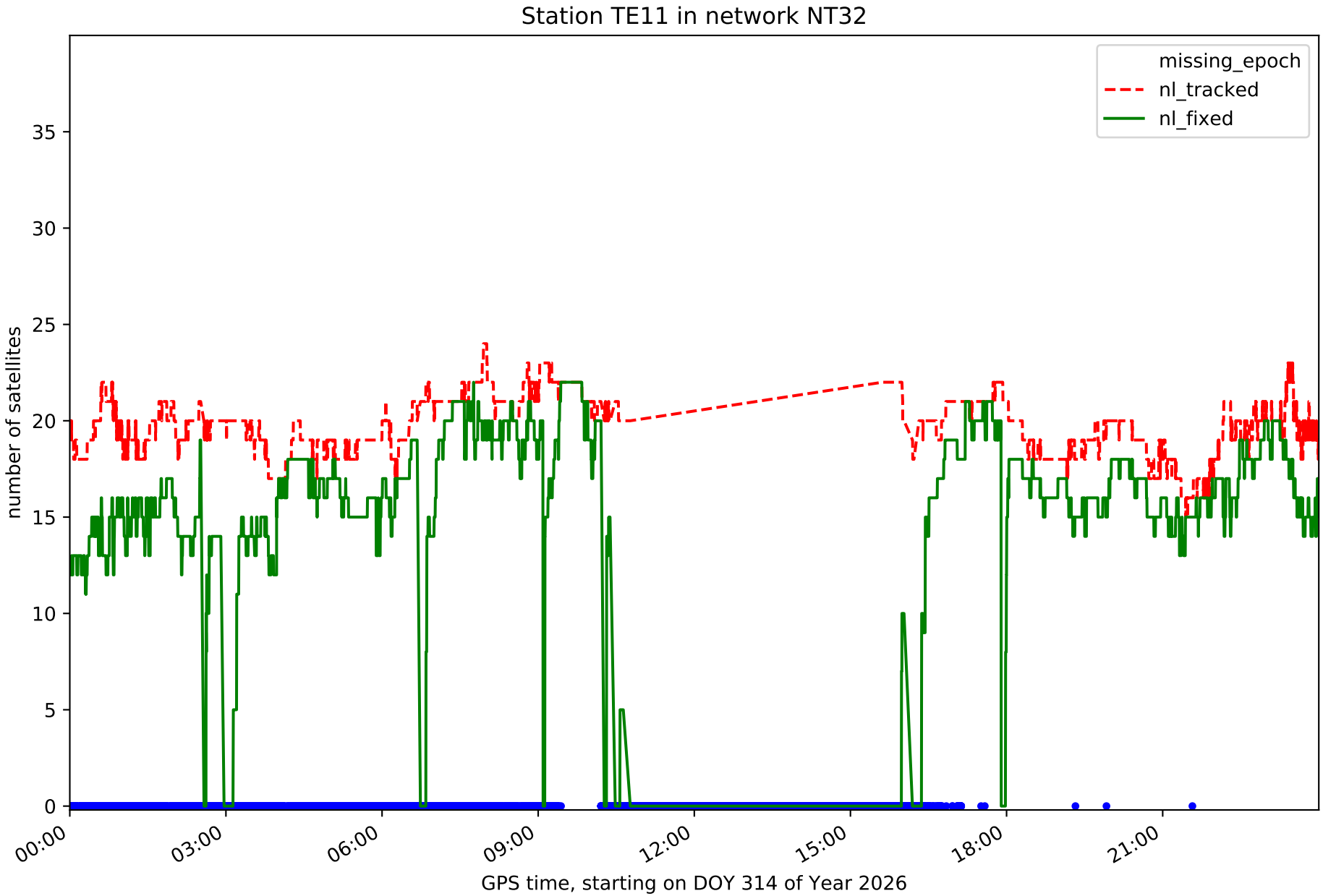

Station TN01 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

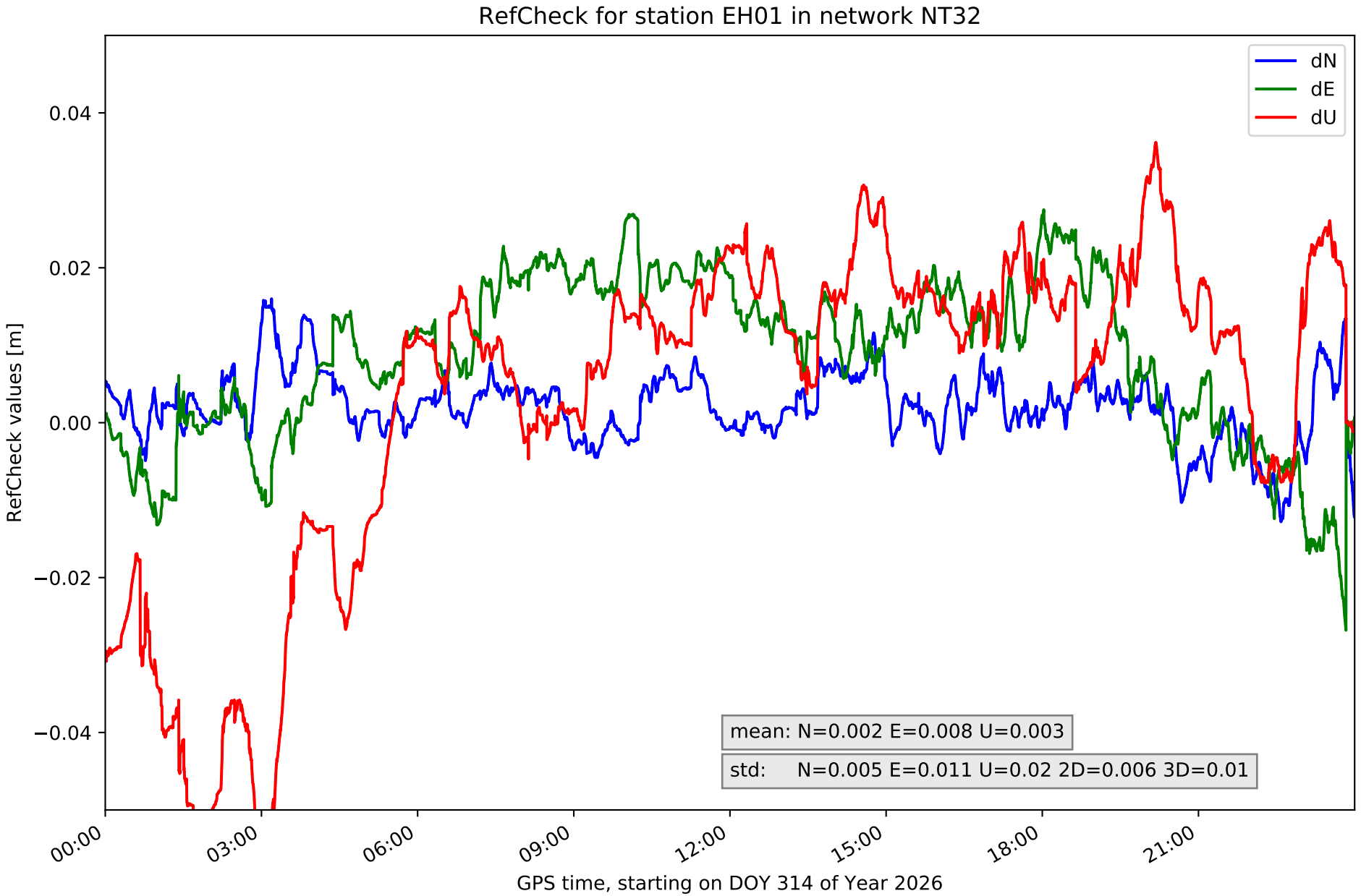

Station TN02 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

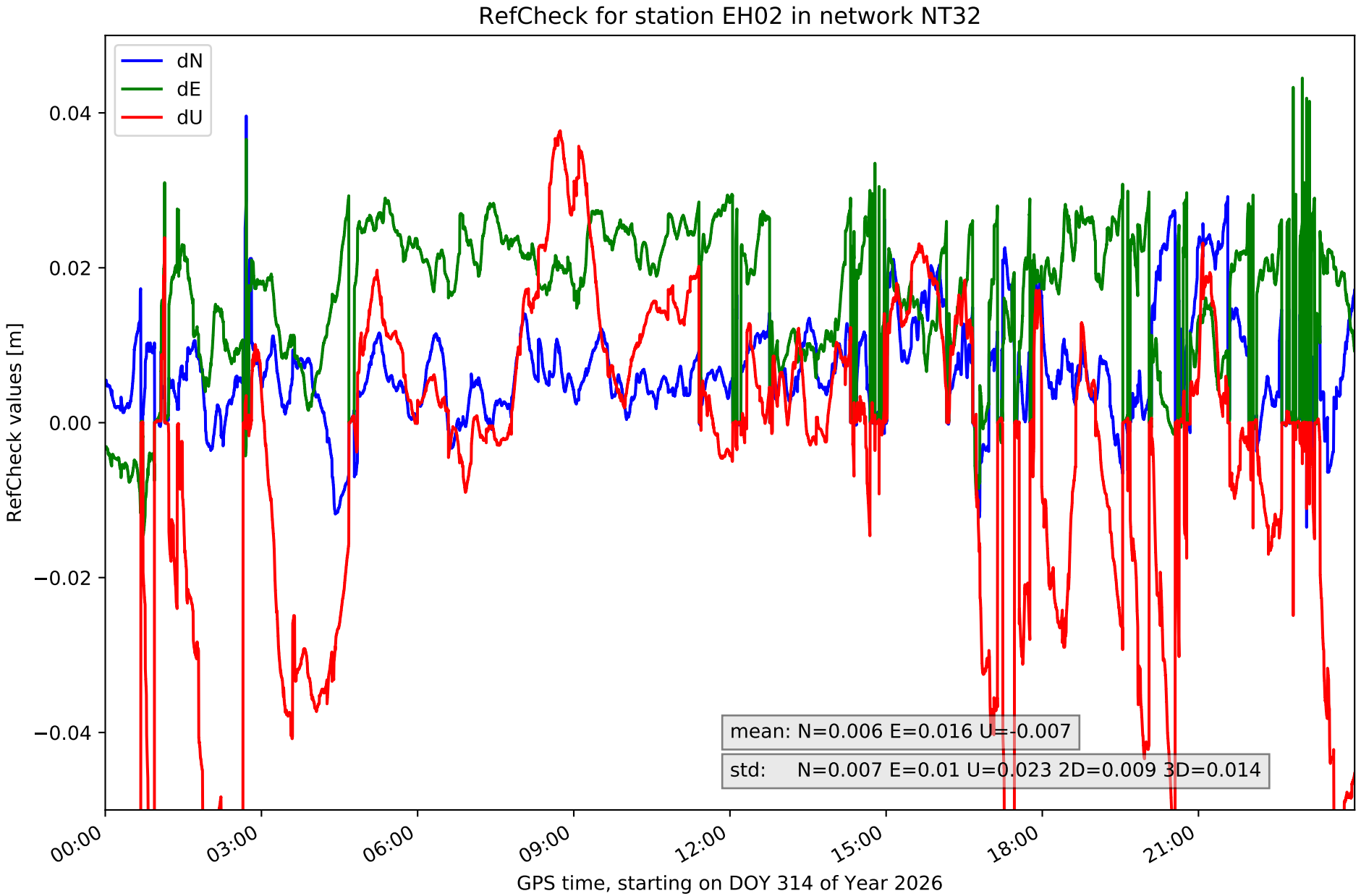

Station TN03 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

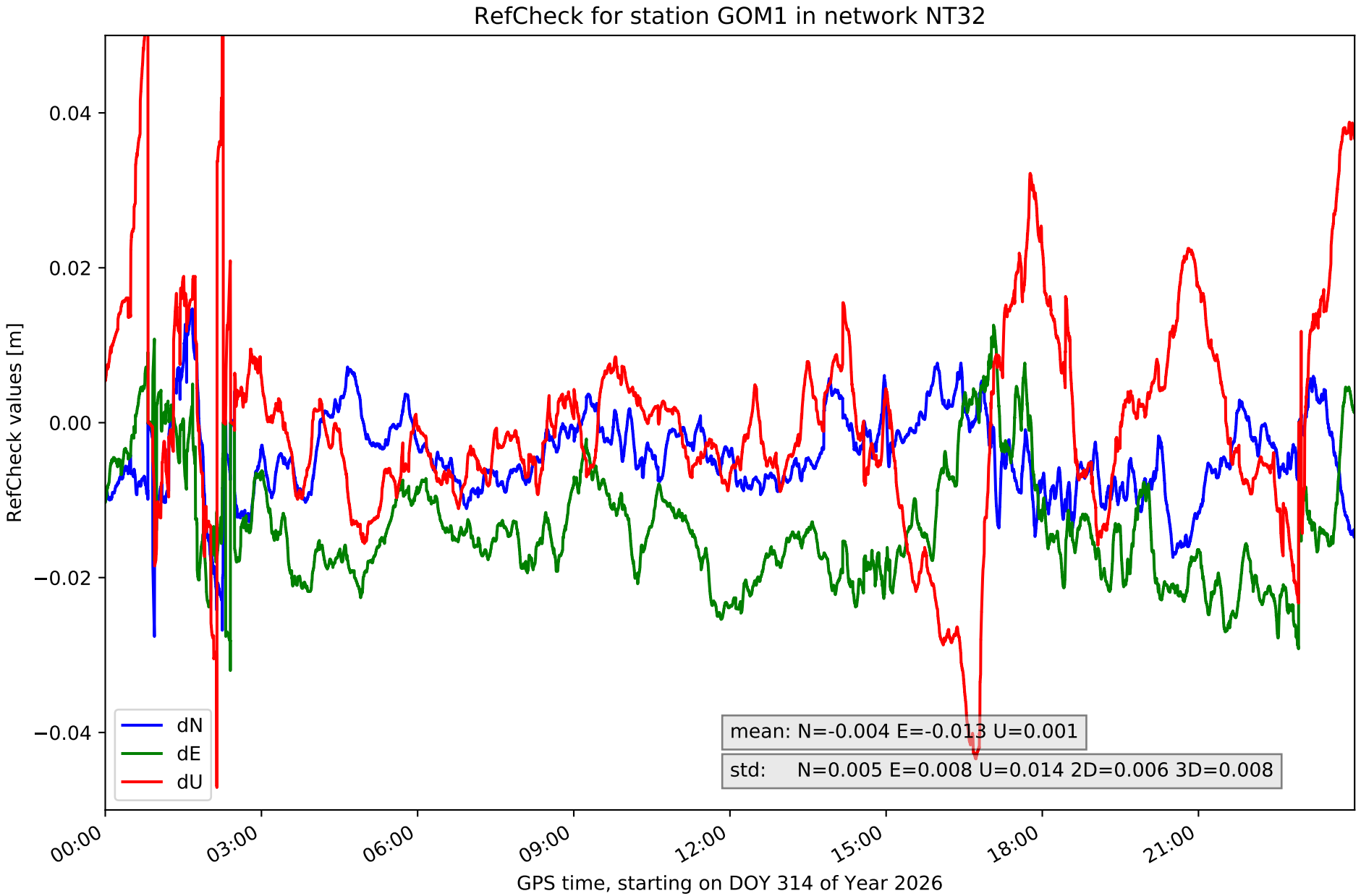

Station TN06 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

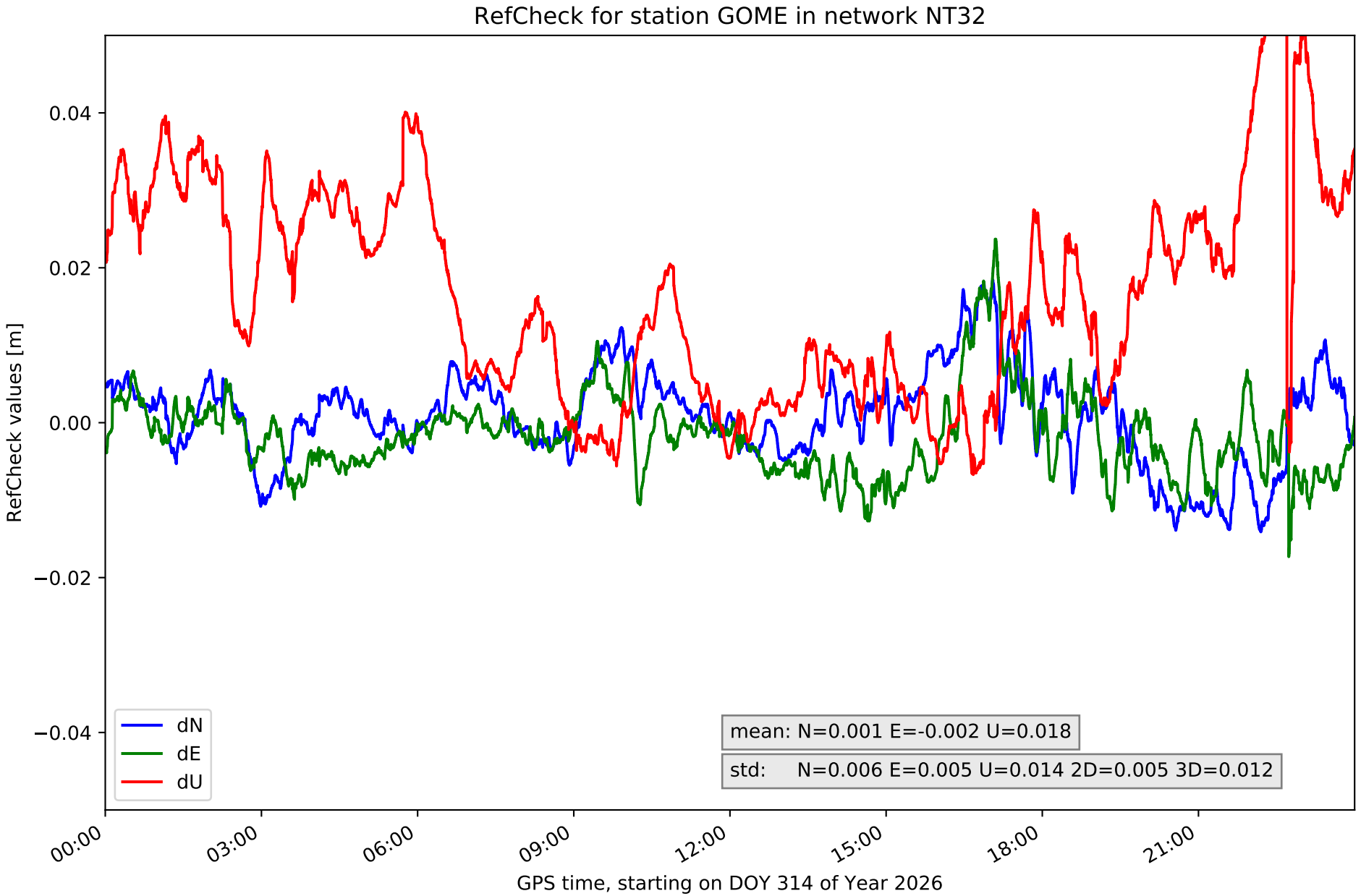

Station TN09 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

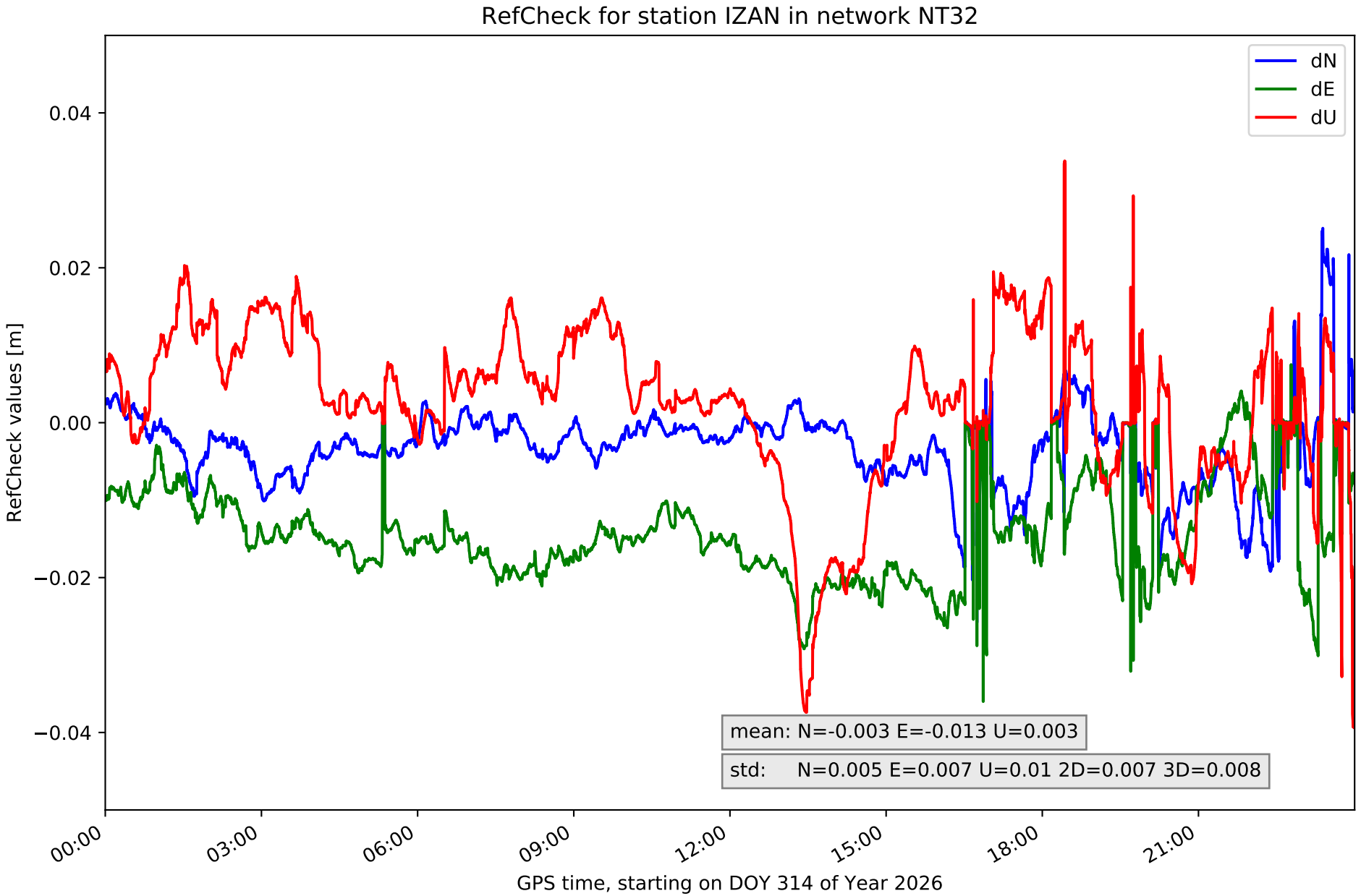

Station TE11 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

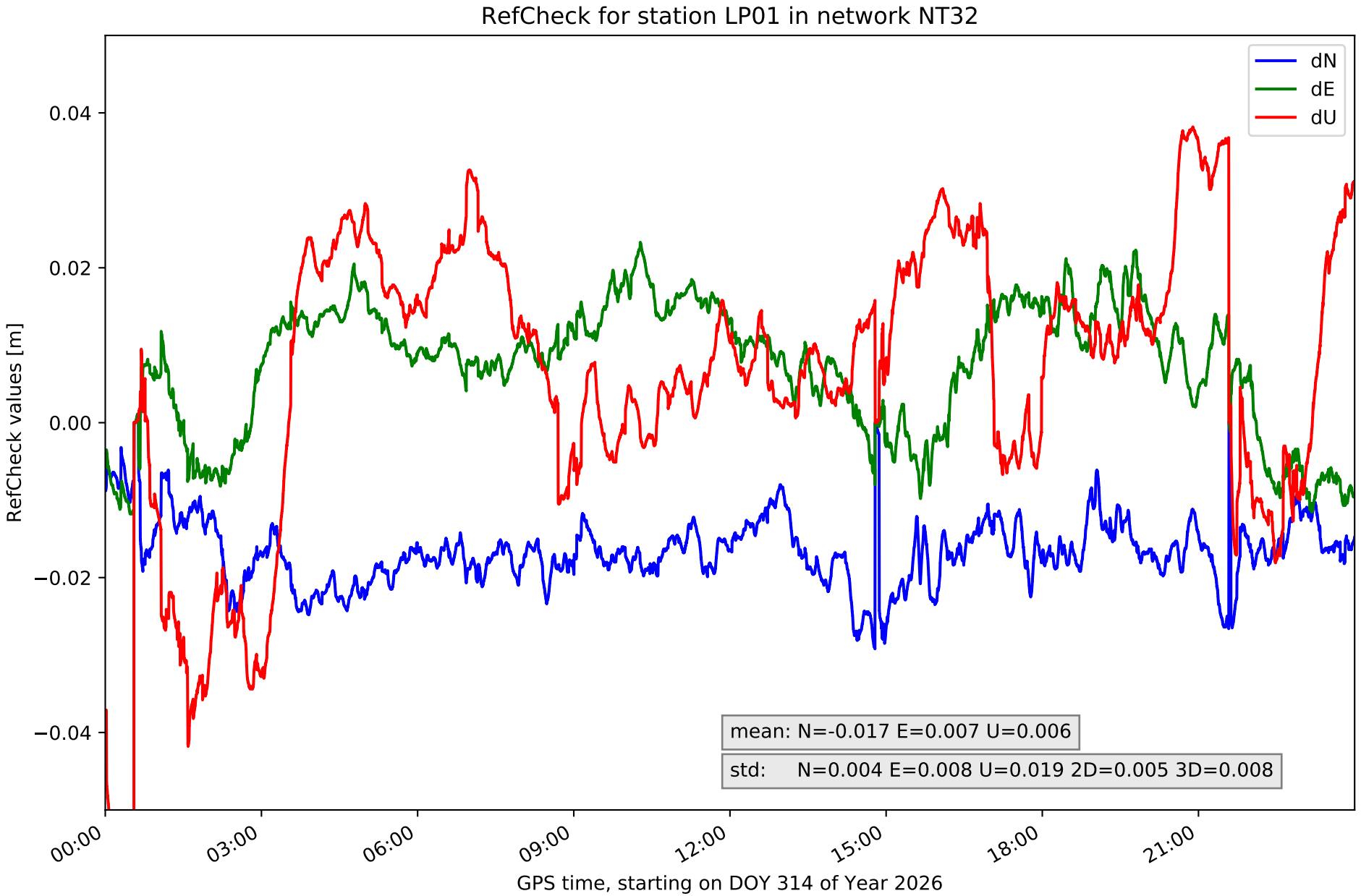

RefCheck for station EH01 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.008 U=0.003
std: N=0.005 E=0.011 U=0.02 2D=0.006 3D=0.01
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

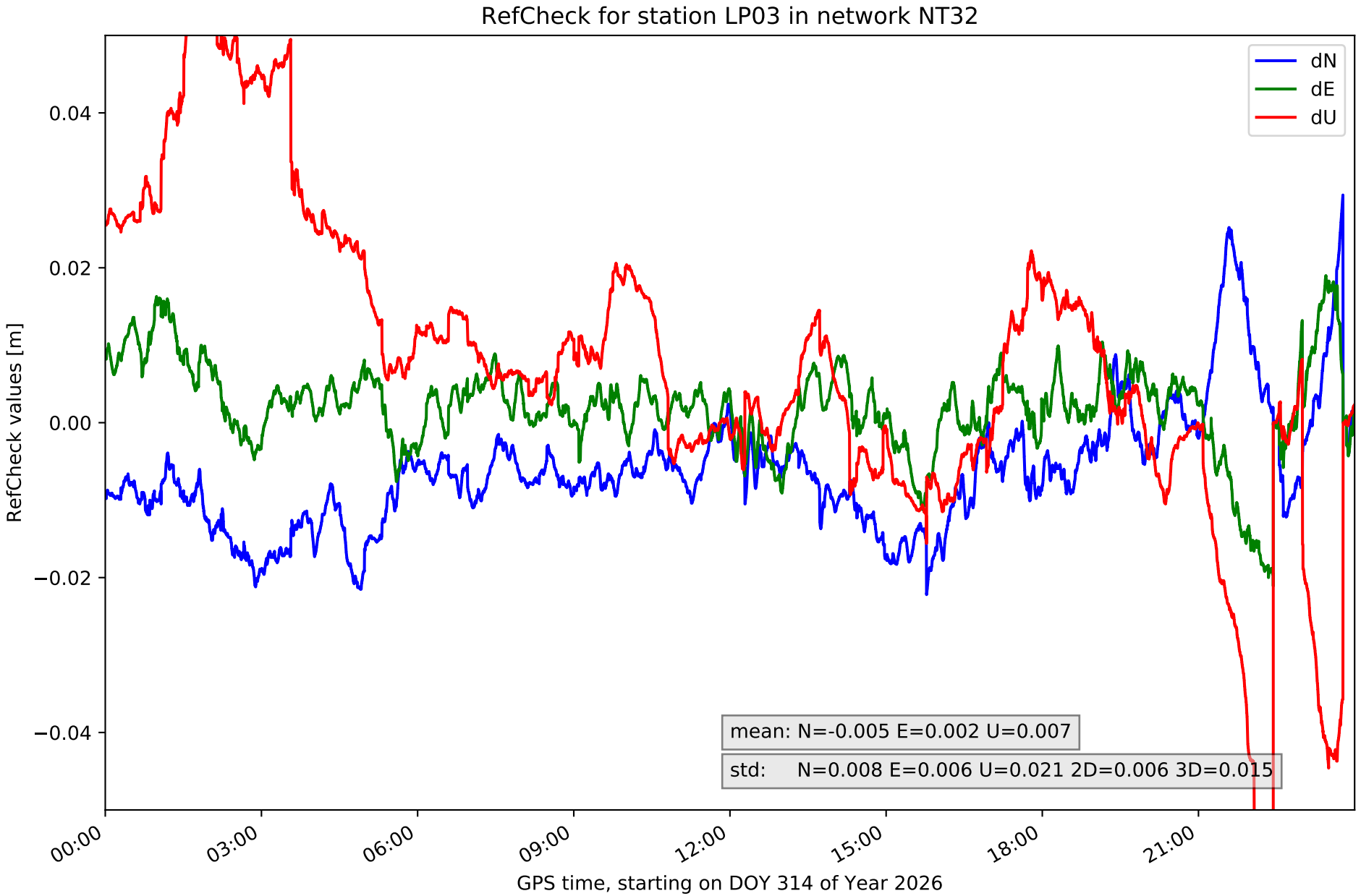

RefCheck for station EH02 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.006 E=0.016 U=-0.007
std: N=0.007 E=0.01 U=0.023 2D=0.009 3D=0.014
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

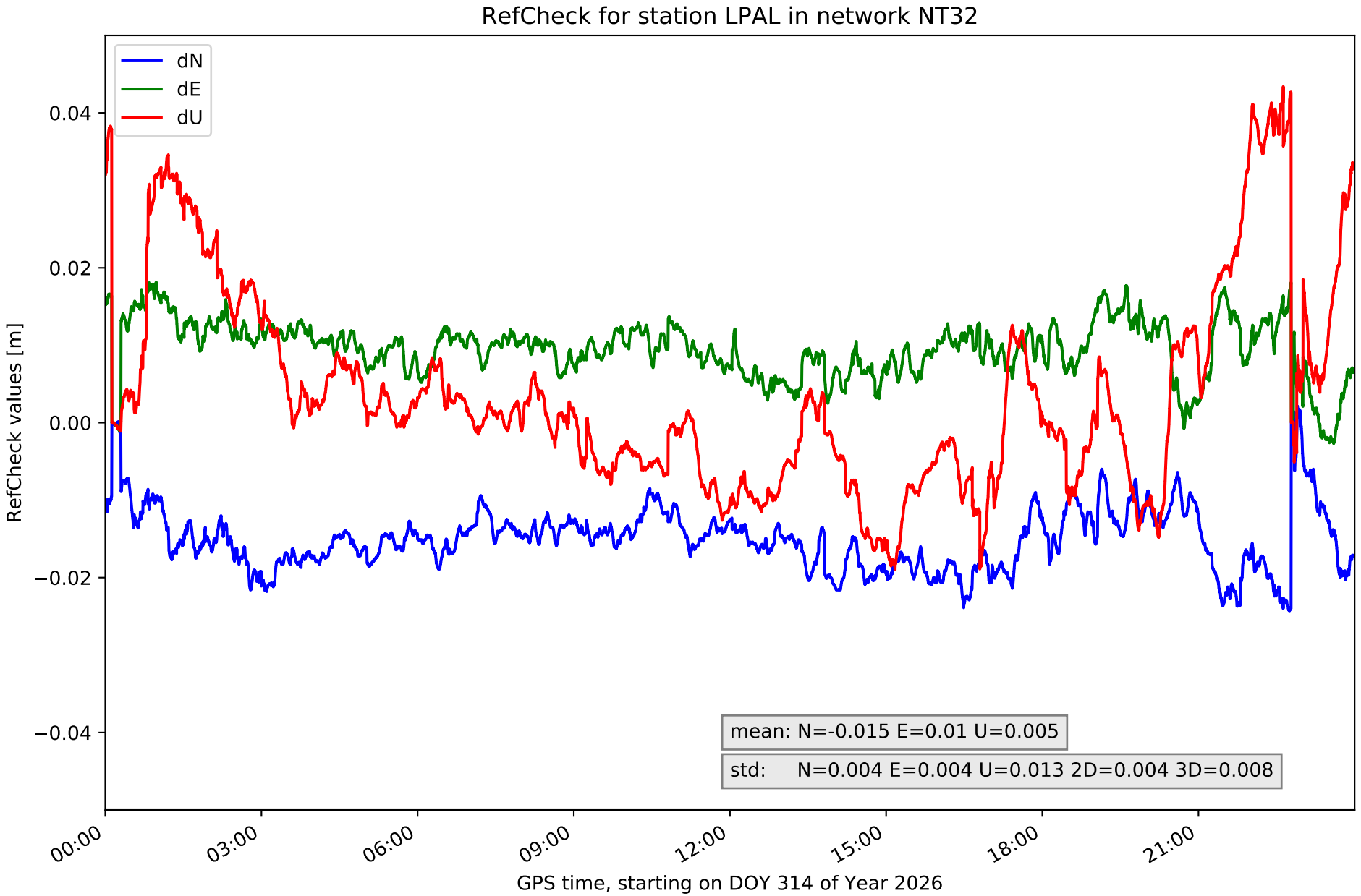

RefCheck for station GOM1 in network NT32
RefCheck values [m]
0.04
0.02
0.00
−0.02
−0.04
dN
dE
dU
mean: N=-0.004 E=-0.013 U=0.001
std: N=0.005 E=0.008 U=0.014 2D=0.006 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

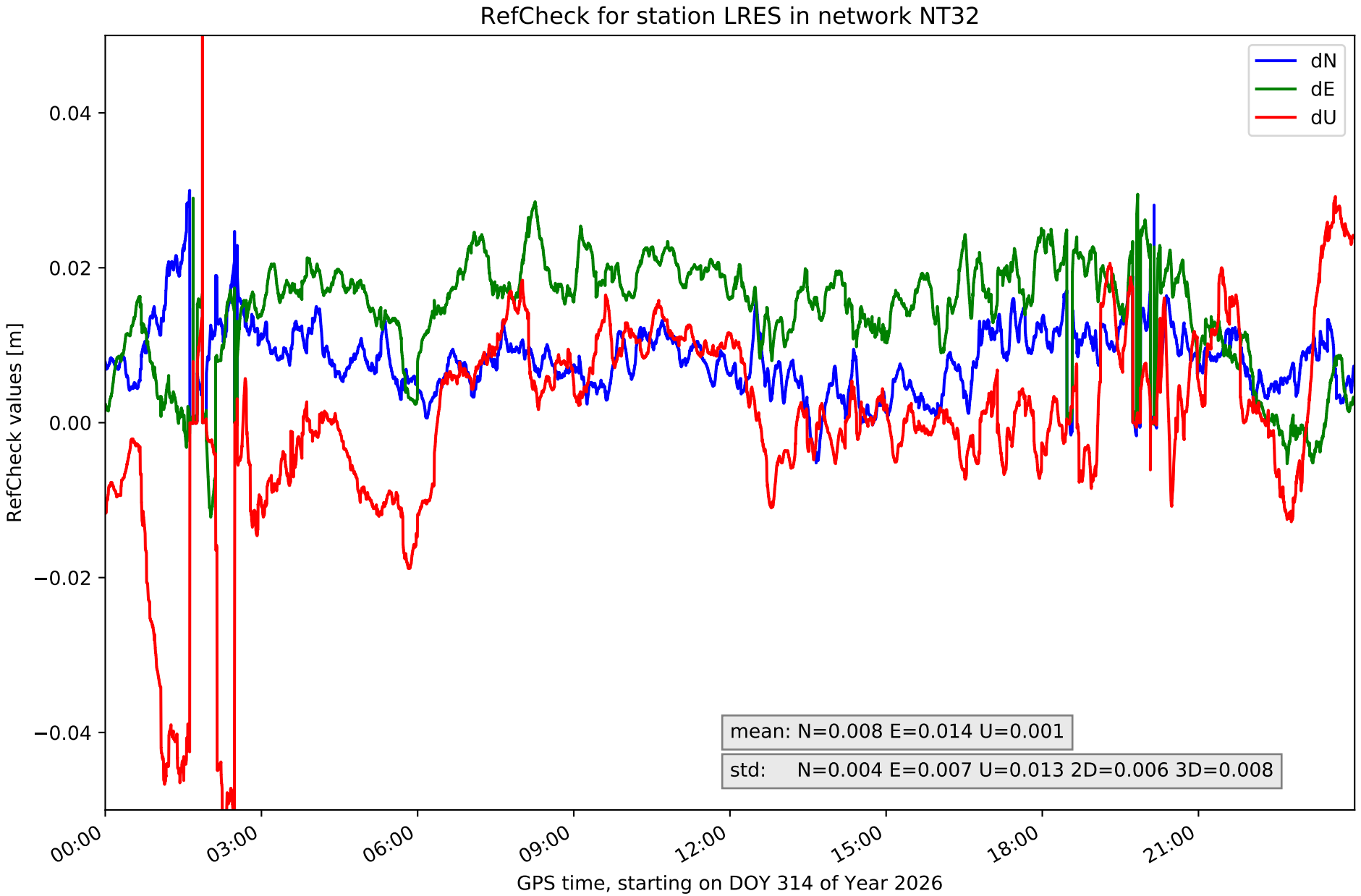

RefCheck for station GOME in network NT32
RefCheck values [m]
0.04
0.02
0.00
−0.02
−0.04
dN
dE
dU
mean: N=0.001 E=-0.002 U=0.018
std: N=0.006 E=0.005 U=0.014 2D=0.005 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

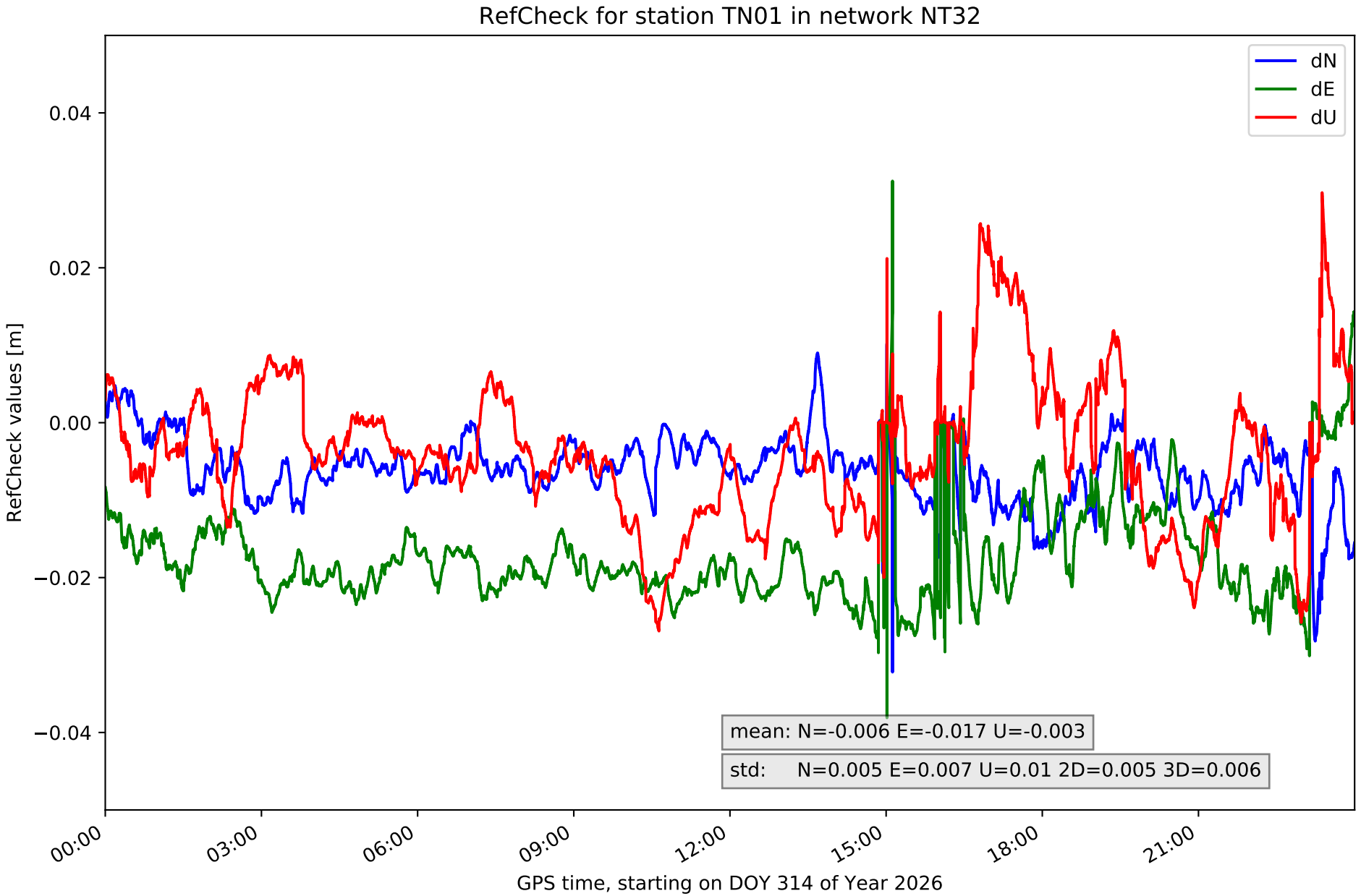

RefCheck for station IZAN in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=-0.013 U=0.003
std: N=0.005 E=0.007 U=0.01 2D=0.007 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

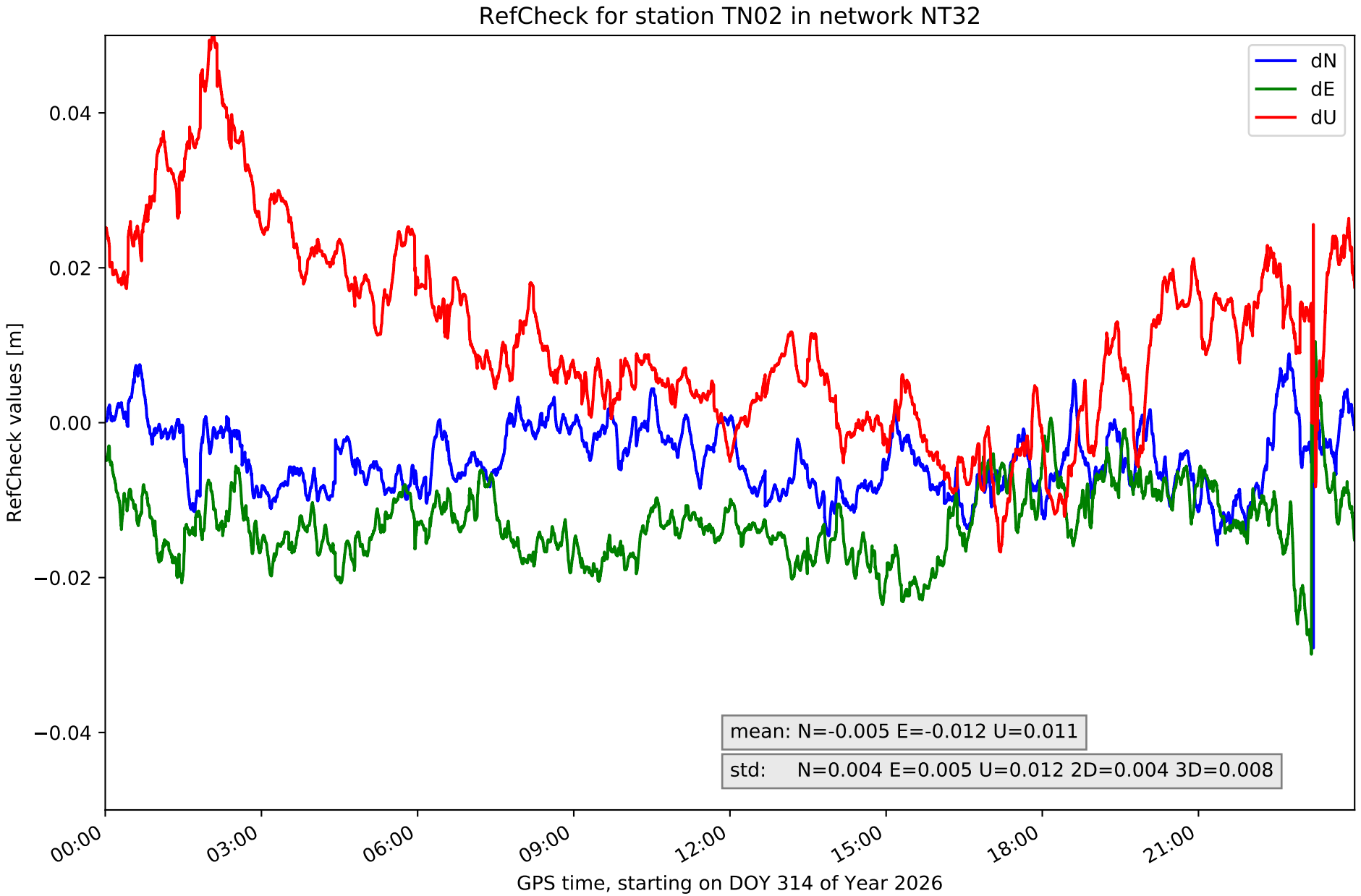

RefCheck for station LP01 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.017 E=0.007 U=0.006
std: N=0.004 E=0.008 U=0.019 2D=0.005 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

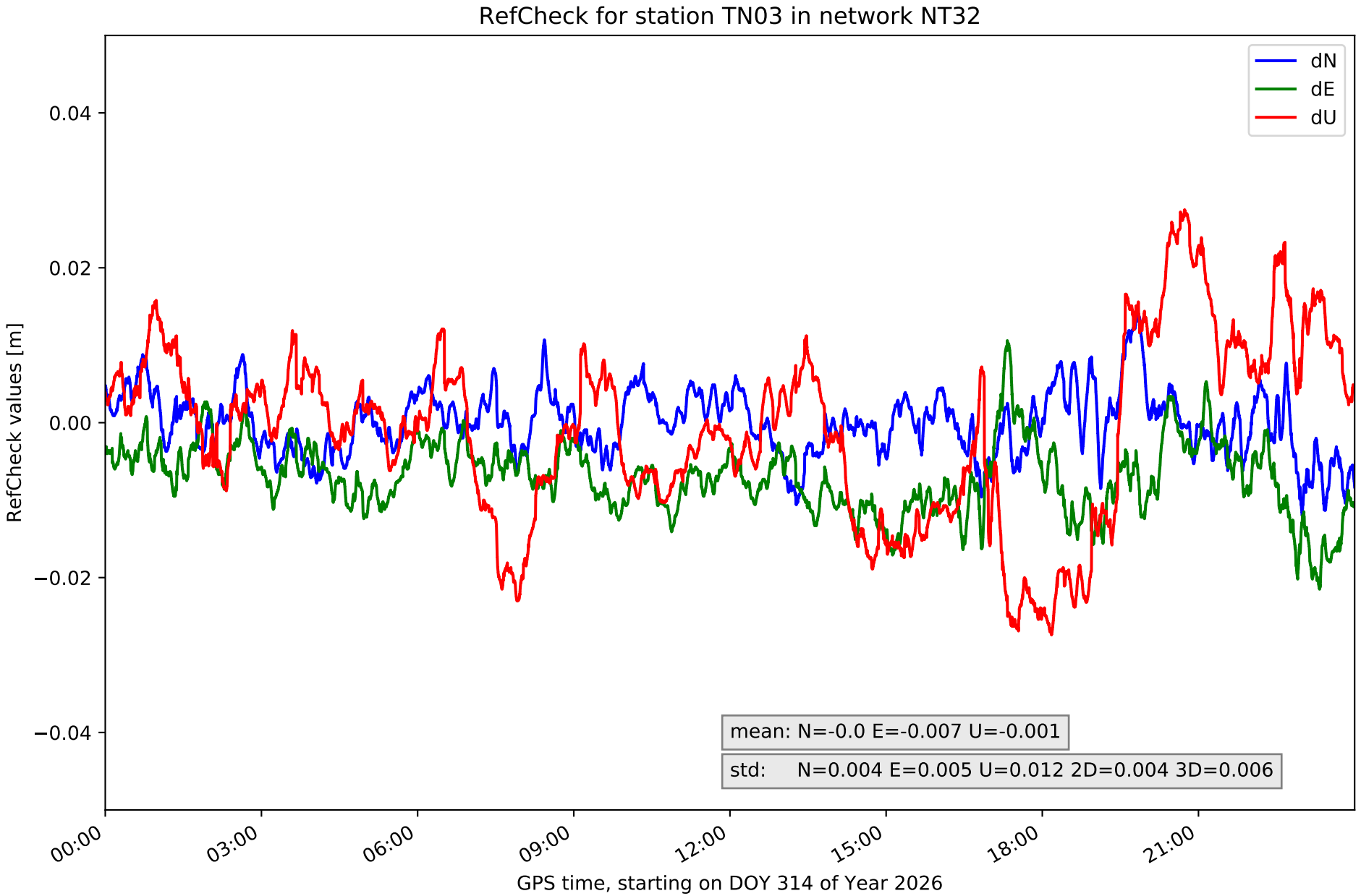

RefCheck for station LP03 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.005 E=0.002 U=0.007
std: N=0.008 E=0.006 U=0.021 2D=0.006 3D=0.015
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

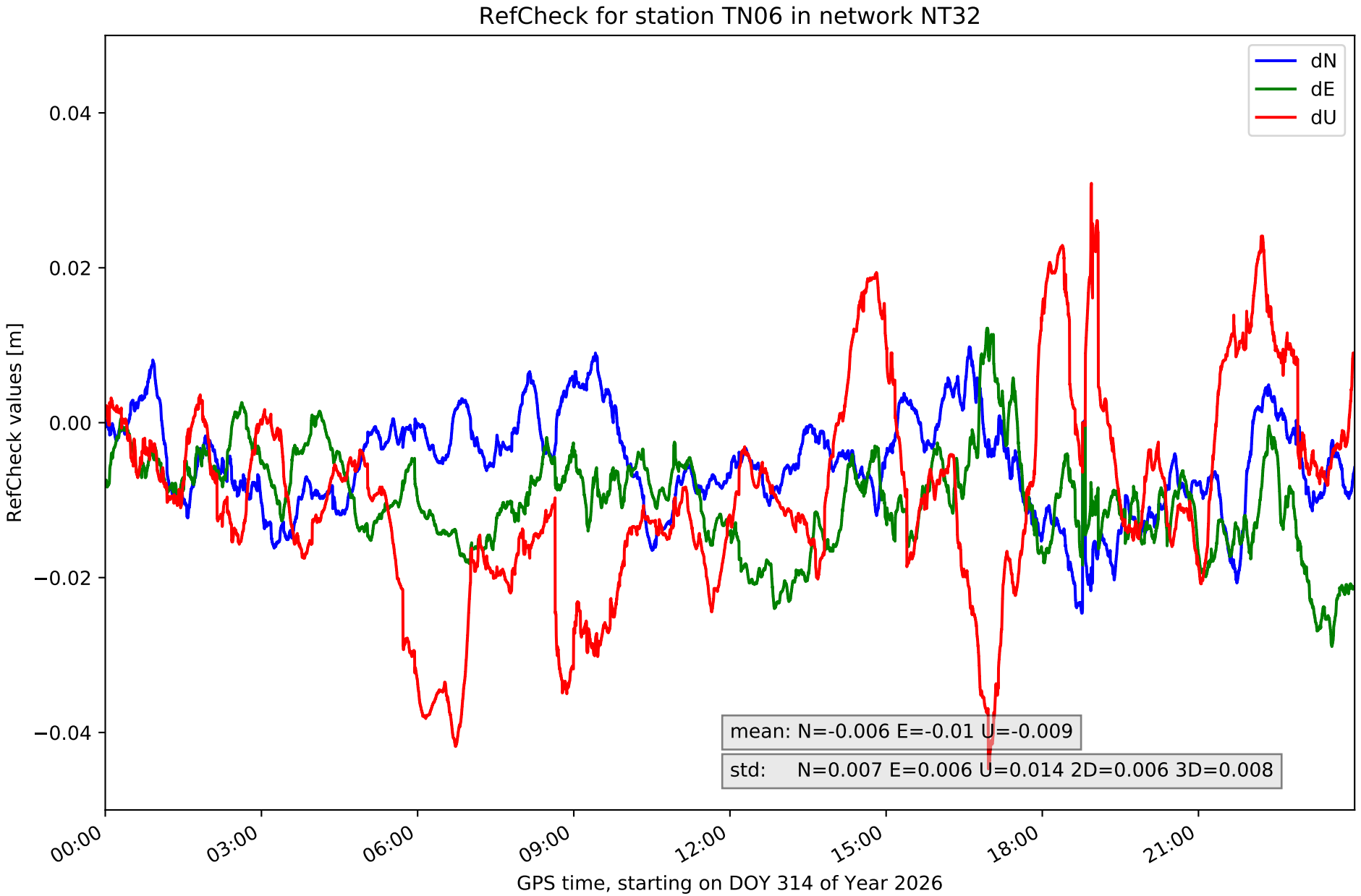

RefCheck for station LPAL in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.015 E=0.01 U=0.005
std: N=0.004 E=0.004 U=0.013 2D=0.004 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

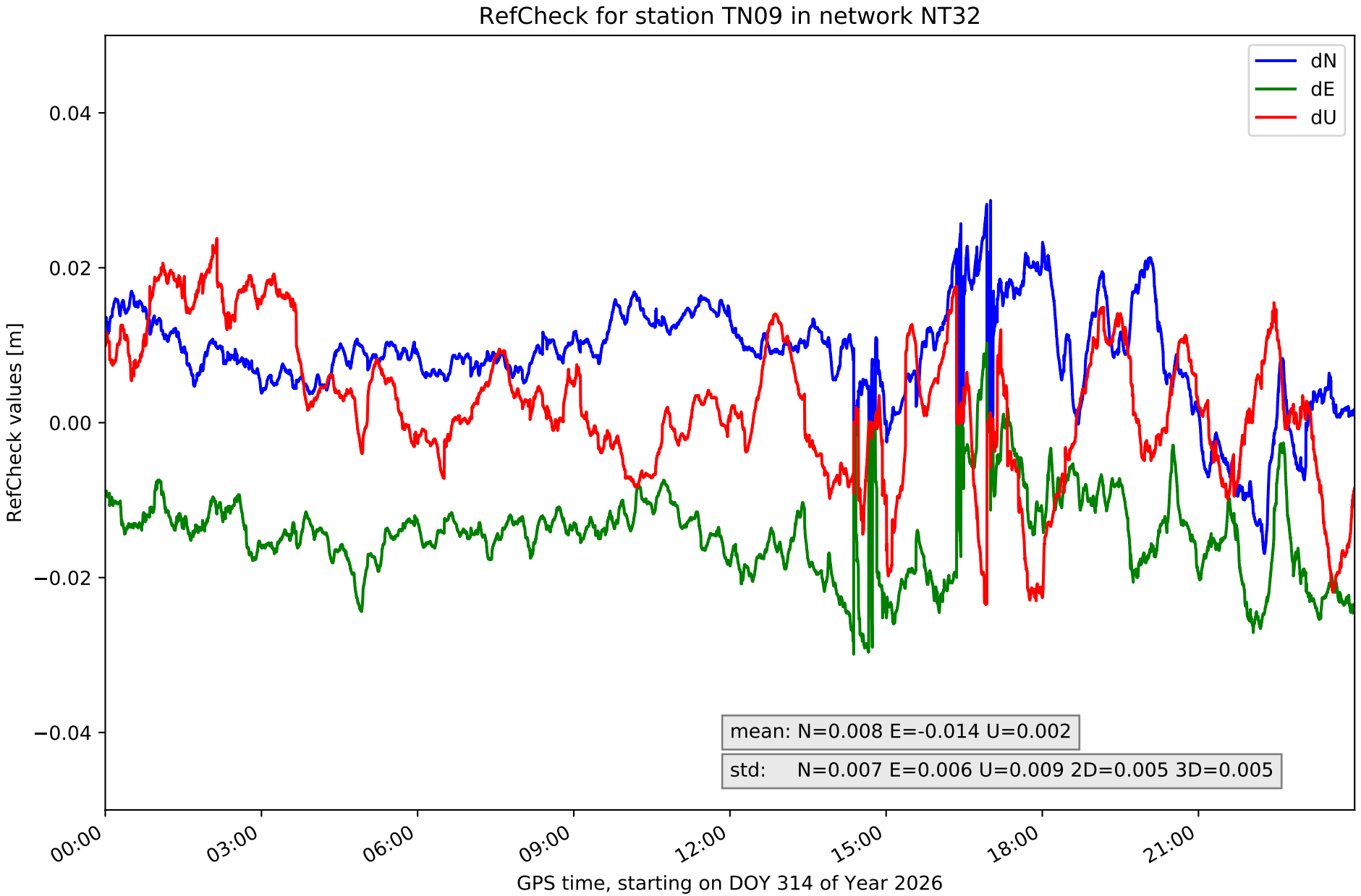

RefCheck for station LRES in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.008 E=0.014 U=0.001
std: N=0.004 E=0.007 U=0.013 2D=0.006 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

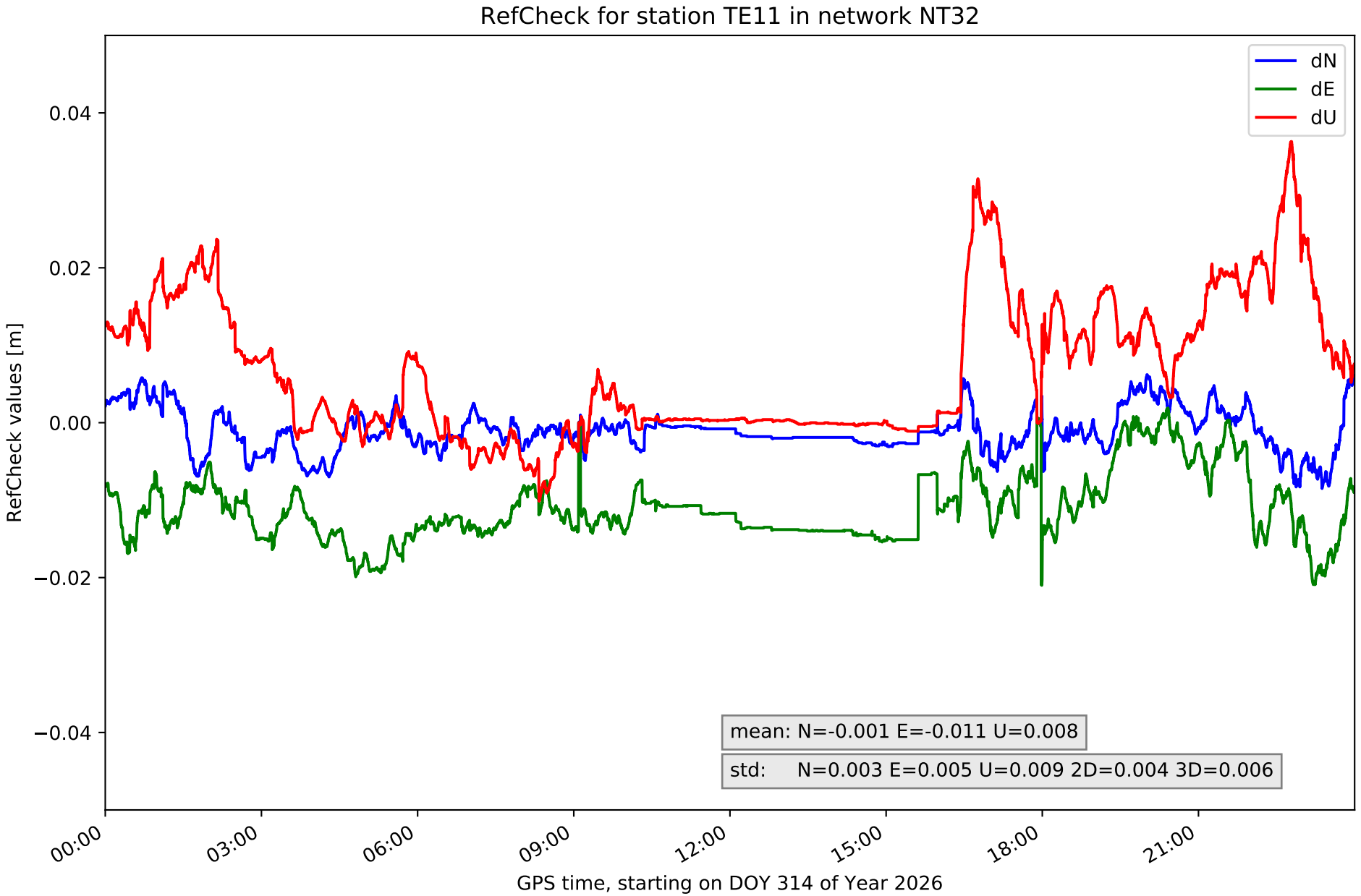

RefCheck for station TN01 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.006 E=-0.017 U=-0.003
std: N=0.005 E=0.007 U=0.01 2D=0.005 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026


RefCheck for station TN02 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.005 E=-0.012 U=0.011
std: N=0.004 E=0.005 U=0.012 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 314 of Year 2026


RefCheck for station TN03 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=-0.007 U=-0.001
std: N=0.004 E=0.005 U=0.012 2D=0.004 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026


RefCheck for station TN06 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.006 E=-0.01 U=-0.009
std: N=0.007 E=0.006 U=0.014 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 314 of Year 2026


RefCheck for station TN09 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.008 E=-0.014 U=0.002
std: N=0.007 E=0.006 U=0.009 2D=0.005 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026


RefCheck for station TE11 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=-0.011 U=0.008
std: N=0.003 E=0.005 U=0.009 2D=0.004 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

RefCheck values for network NT32

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	-0.013	0.016	0.005	-0.027	0.028	**0.011**	-0.057	0.036	0.02	0.006	0.01	41071	63.6	39700	61.5
EH02	-0.013	**0.04**	0.007	-0.015	**0.044**	0.01	-0.062	0.038	**0.023**	**0.009**	0.014	53163	82.4	52051	80.6
GOM1	-0.028	0.015	0.005	-0.032	0.013	0.008	-0.047	**0.065**	0.014	0.006	0.008	51807	80.3	31166	48.3
GOME	-0.014	0.018	0.006	-0.017	0.024	0.005	-0.007	0.061	0.014	0.005	0.012	15534	24.1	33024	51.2
IZAN	-0.026	0.025	0.005	-0.036	0.007	0.007	-0.039	0.034	0.01	0.007	0.008	50450	78.2	24710	38.3
LP01	-0.029	0.001	0.004	-0.012	0.023	0.008	**-0.064**	0.038	0.019	0.005	0.008	**63425**	**98.3**	**54964**	**85.2**
LP03	-0.022	0.029	**0.008**	-0.021	0.019	0.006	-0.06	0.057	0.021	0.006	**0.015**	27206	42.1	22490	34.8
LPAL	-0.024	0.002	0.004	-0.003	0.018	0.004	-0.019	0.043	0.013	0.004	0.008	61751	95.7	30572	47.4
LRES	-0.005	0.03	0.004	-0.012	0.029	0.007	-0.052	**0.065**	0.013	0.006	0.008	55523	86.0	37259	57.7
TN01	**-0.032**	0.01	0.005	**-0.038**	0.031	0.007	-0.027	0.03	0.01	0.005	0.006	61584	95.4	39954	61.9
TN02	-0.029	0.009	0.004	-0.03	0.011	0.005	-0.017	0.051	0.012	0.004	0.008	52086	80.7	31688	49.1
TN03	-0.012	0.014	0.004	-0.021	0.011	0.005	-0.027	0.028	0.012	0.004	0.006	20525	31.8	15073	23.4
TN06	-0.025	0.01	0.007	-0.029	0.012	0.006	-0.045	0.031	0.014	0.006	0.008	44403	68.8	34183	53.0
TN09	-0.017	0.029	0.007	-0.03	0.01	0.006	-0.024	0.024	0.009	0.005	0.005	61907	95.9	31085	48.2
TE11	-0.009	0.006	0.003	-0.021	0.002	0.005	-0.01	0.036	0.009	0.004	0.006	43610	67.6	12205	18.9
Mean	**-0.02**	**0.017**	**0.005**	**-0.023**	**0.019**	**0.007**	**-0.037**	**0.042**	**0.014**	**0.005**	**0.009**	**46936.3**	**72.7**	**32674.9**	**50.6**
Min/Max	**-0.032**	**0.04**	**0.008**	**-0.038**	**0.044**	**0.011**	**-0.064**	**0.065**	**0.023**	**0.009**	**0.015**	**63425**	**98.3**	**54964**	**85.2**

fixing statistic for network NT32

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	89.1	87.8	88.3	91.9	88.3
considering satellites with dual-frequency fixed	79.4	77.8	68.9	86.1	82.4
considering all signals separately	79.4	75.7	68.9	86.6	82.3