summary for network NT32

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

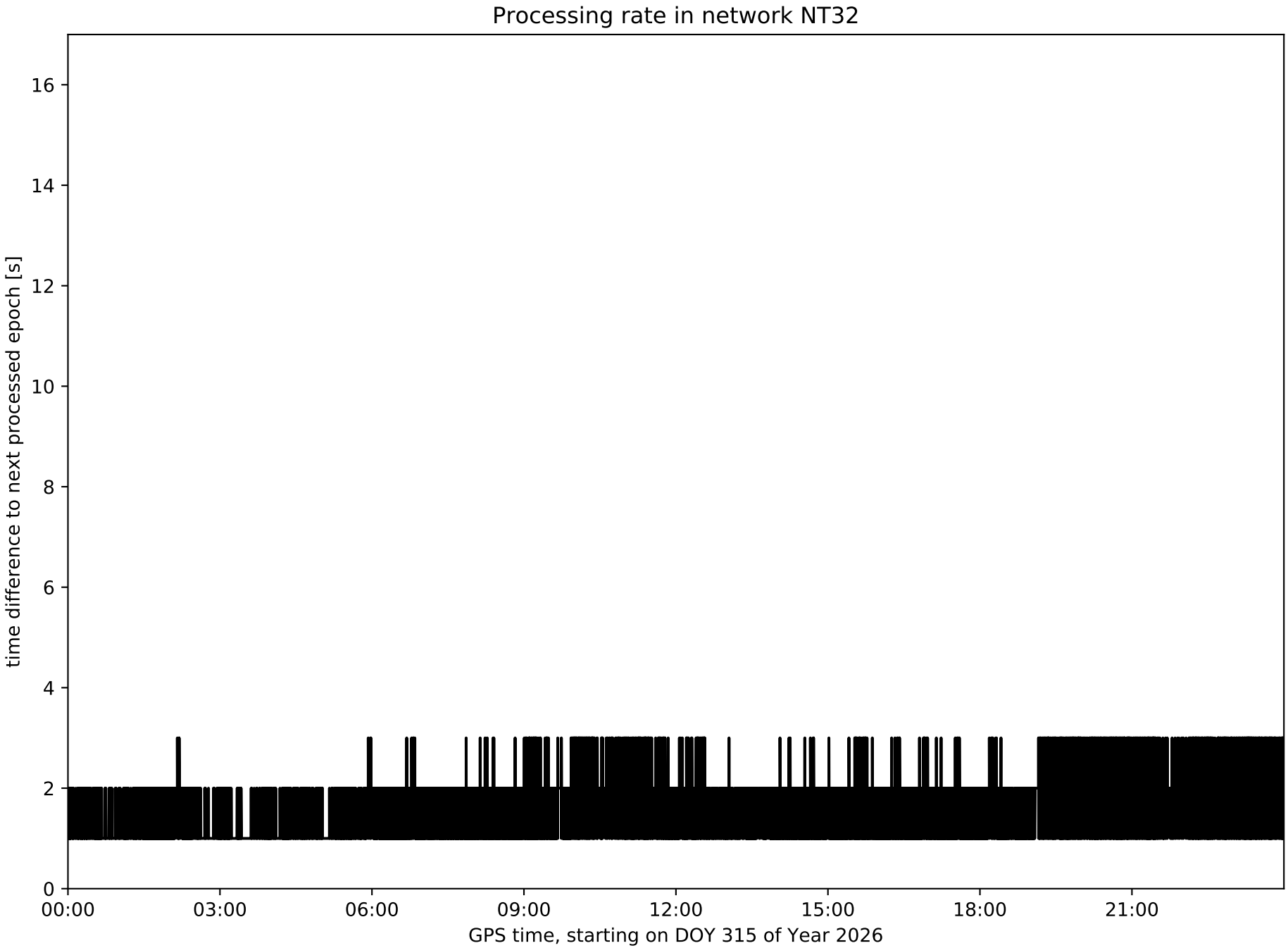
average update rate (durations larger than 15 seconds considered as observation gap): 1.3 seconds

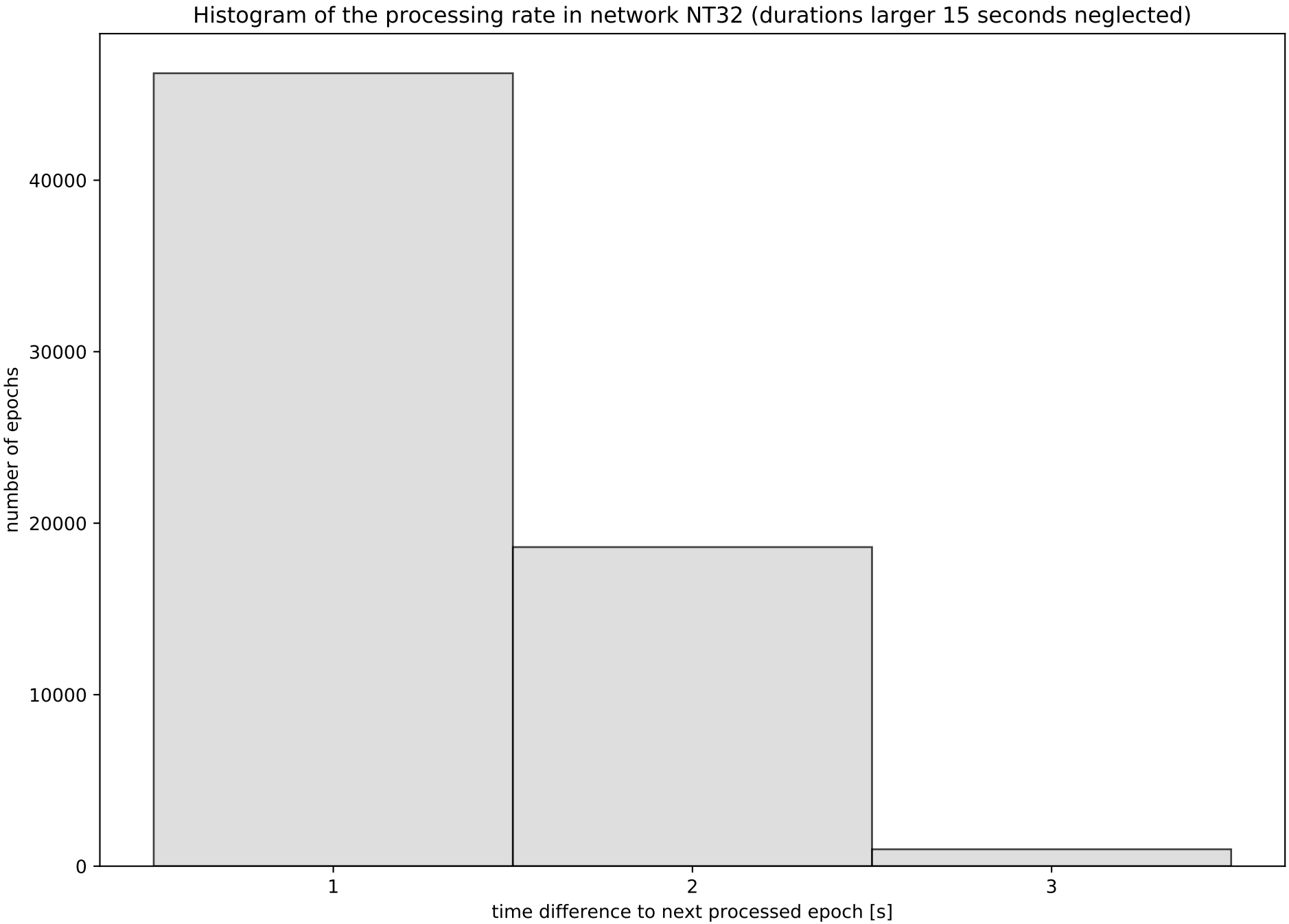
average fixing percentage with threshold set to 0.3: 72.8 percent

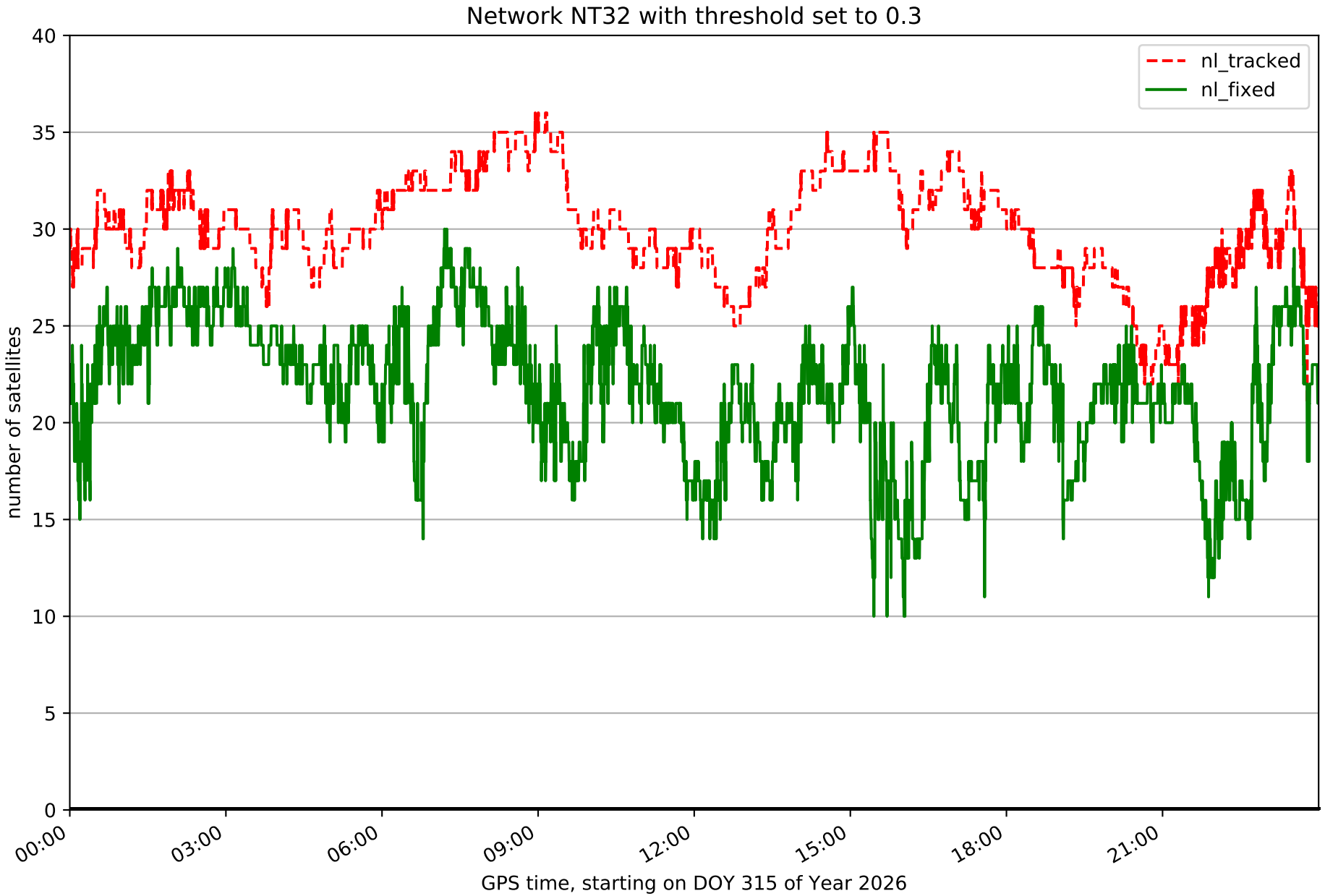
stations available: 15 of 15

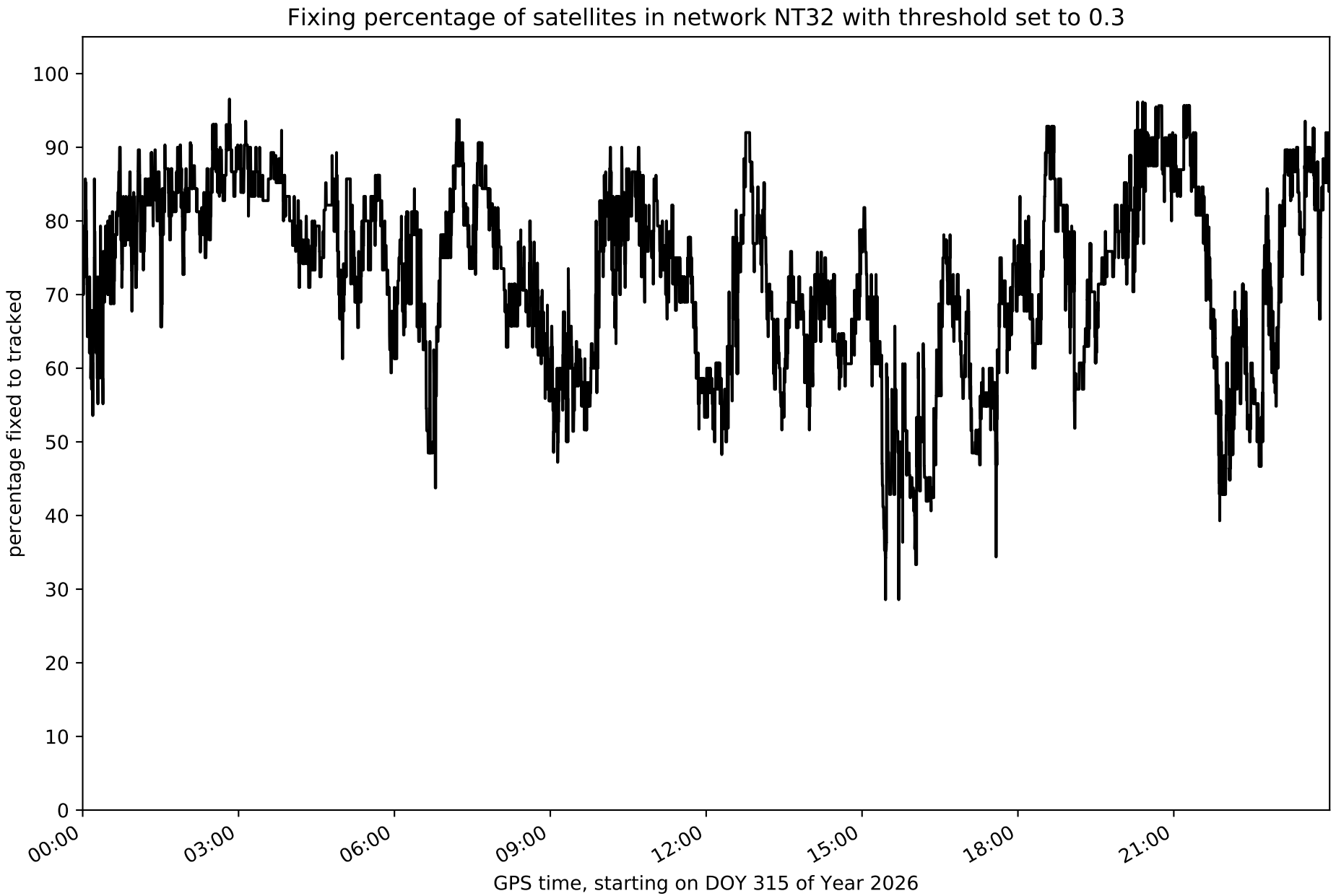
station information:

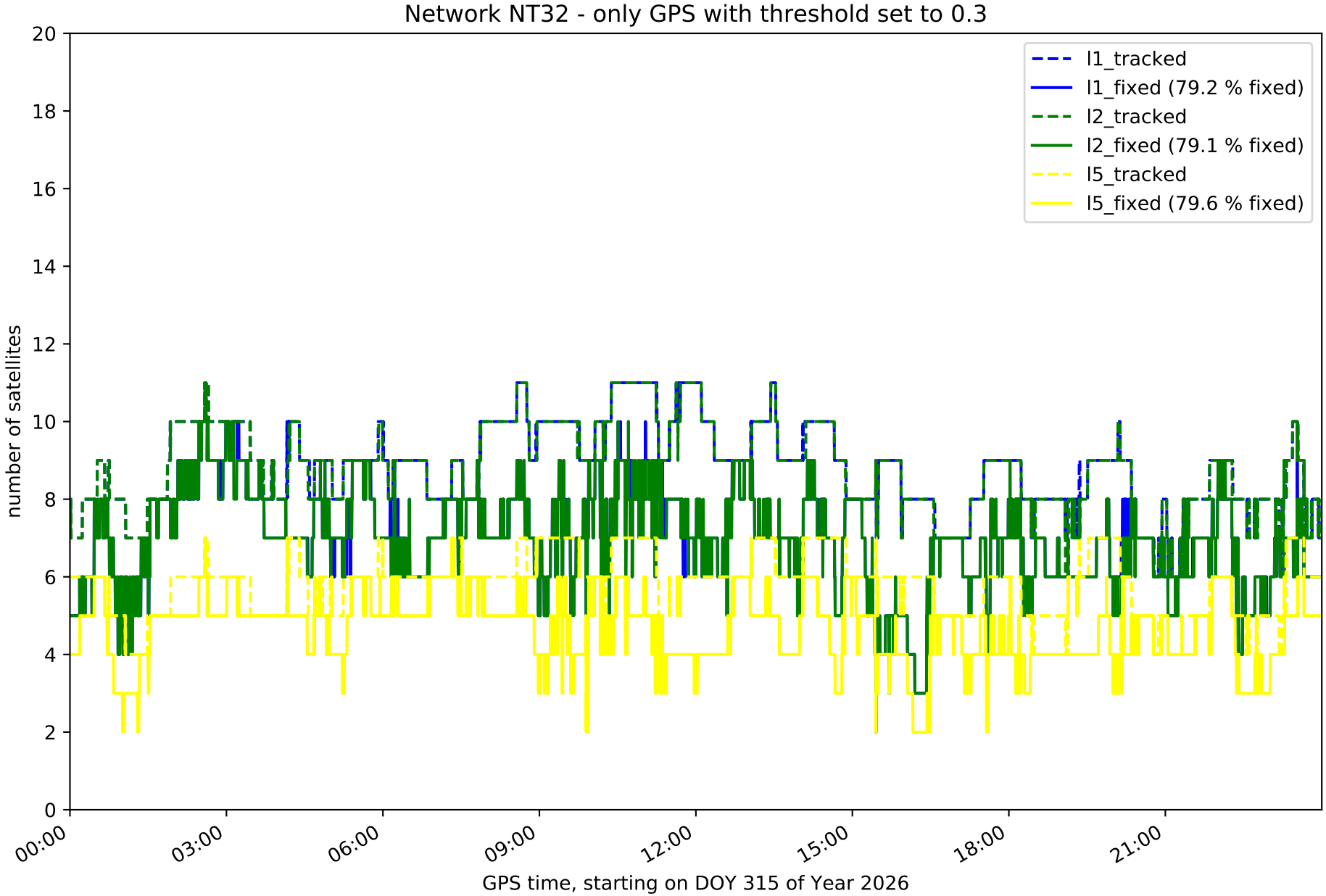
station EH01:	antenna: LEIAR20	LEIM	receiver: LEICA GR25	height: 801.016
station EH02:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 85.385
station GOM1:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 48.789
station GOME:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 114.977
station IZAN: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

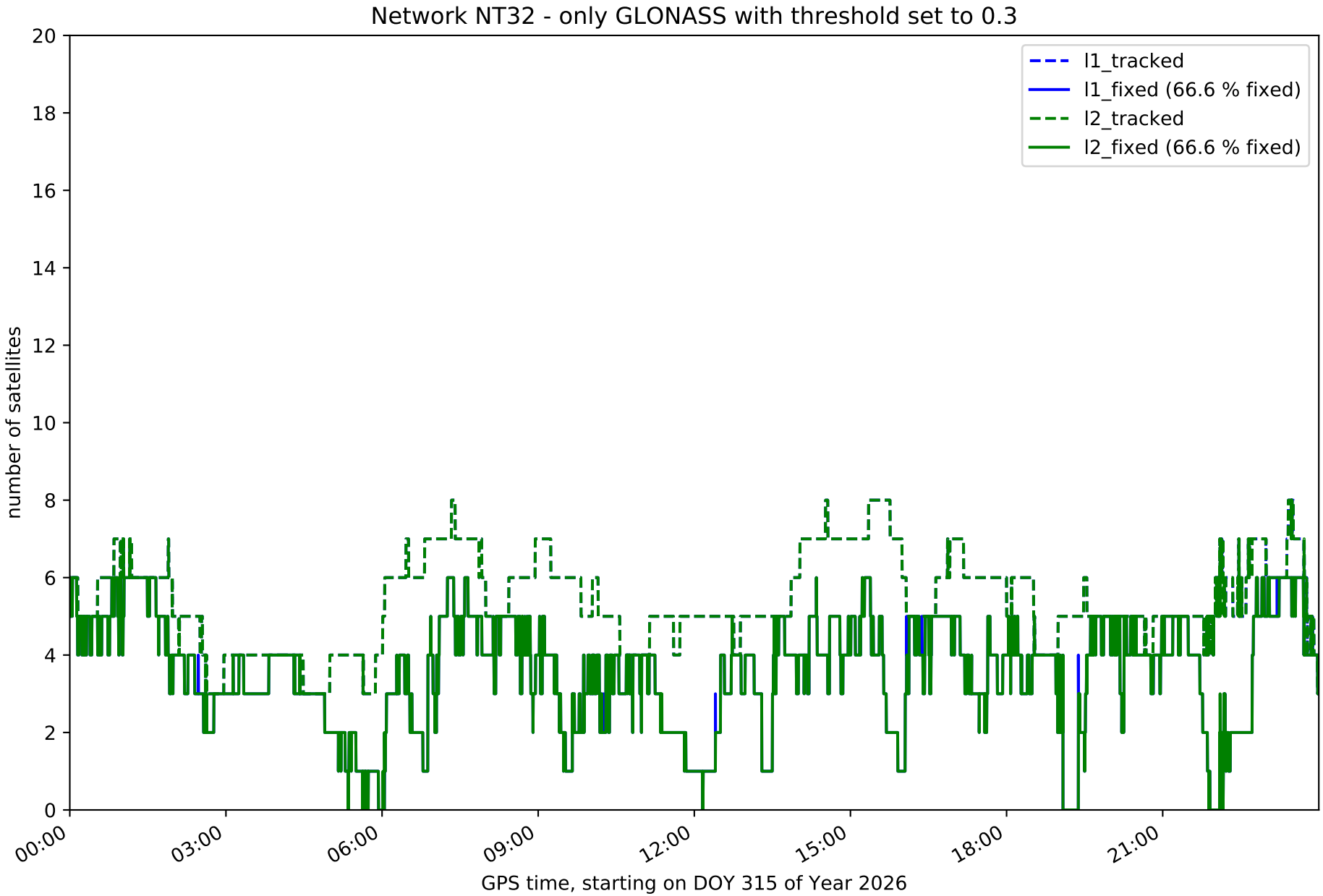

Processing rate in network NT32
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

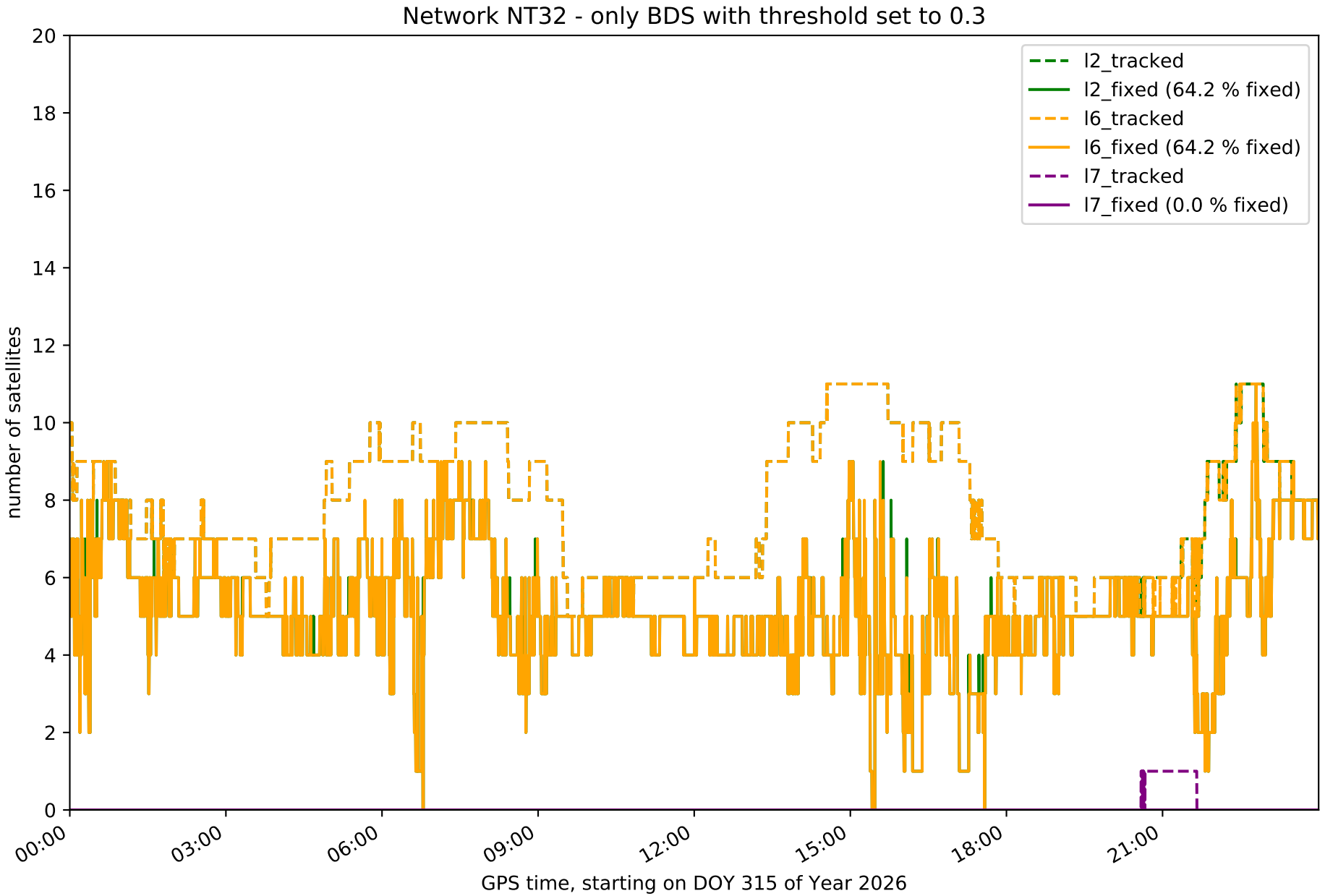

Histogram of the processing rate in network NT32 (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
1
2
3
time difference to next processed epoch [s]

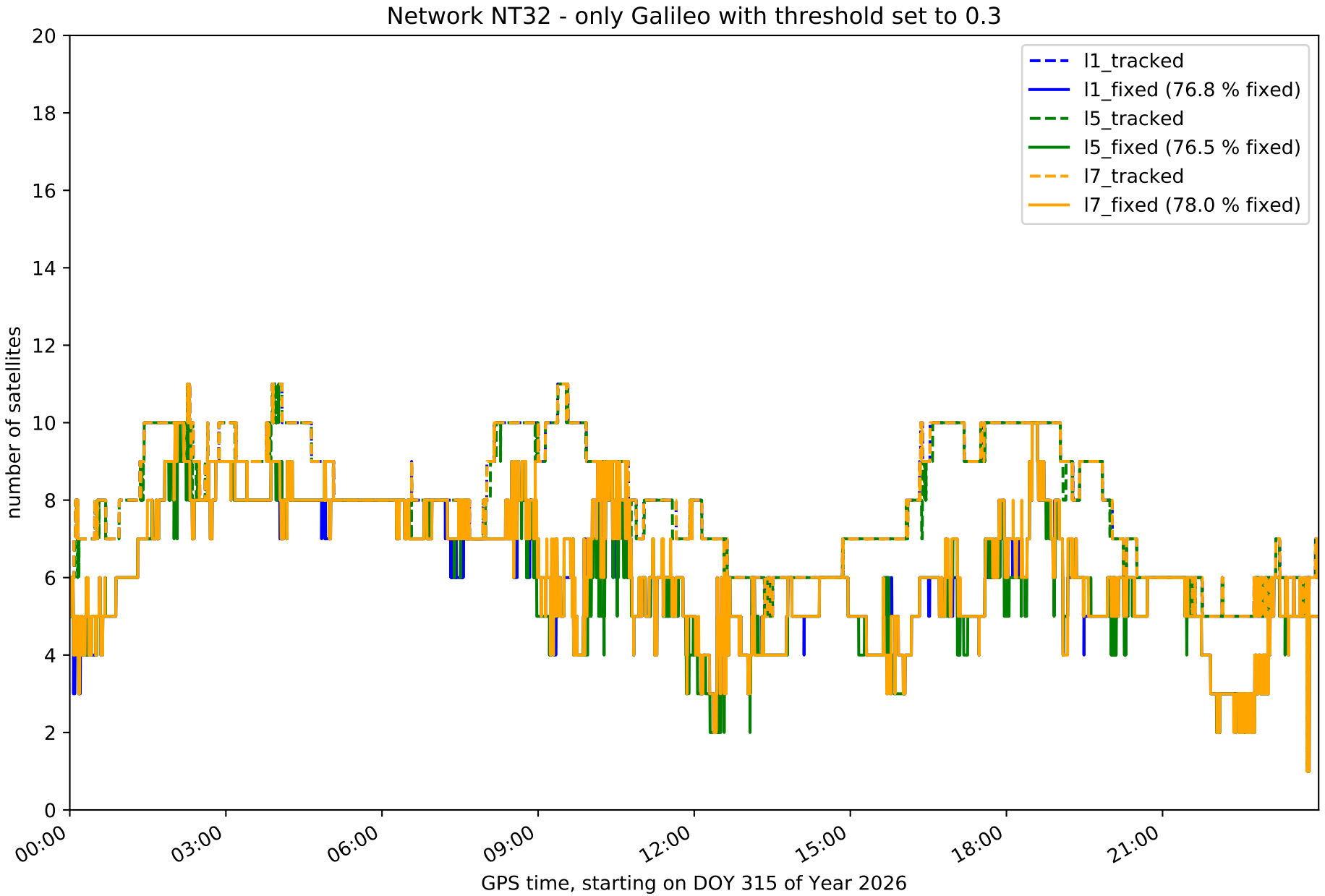

Network NT32 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

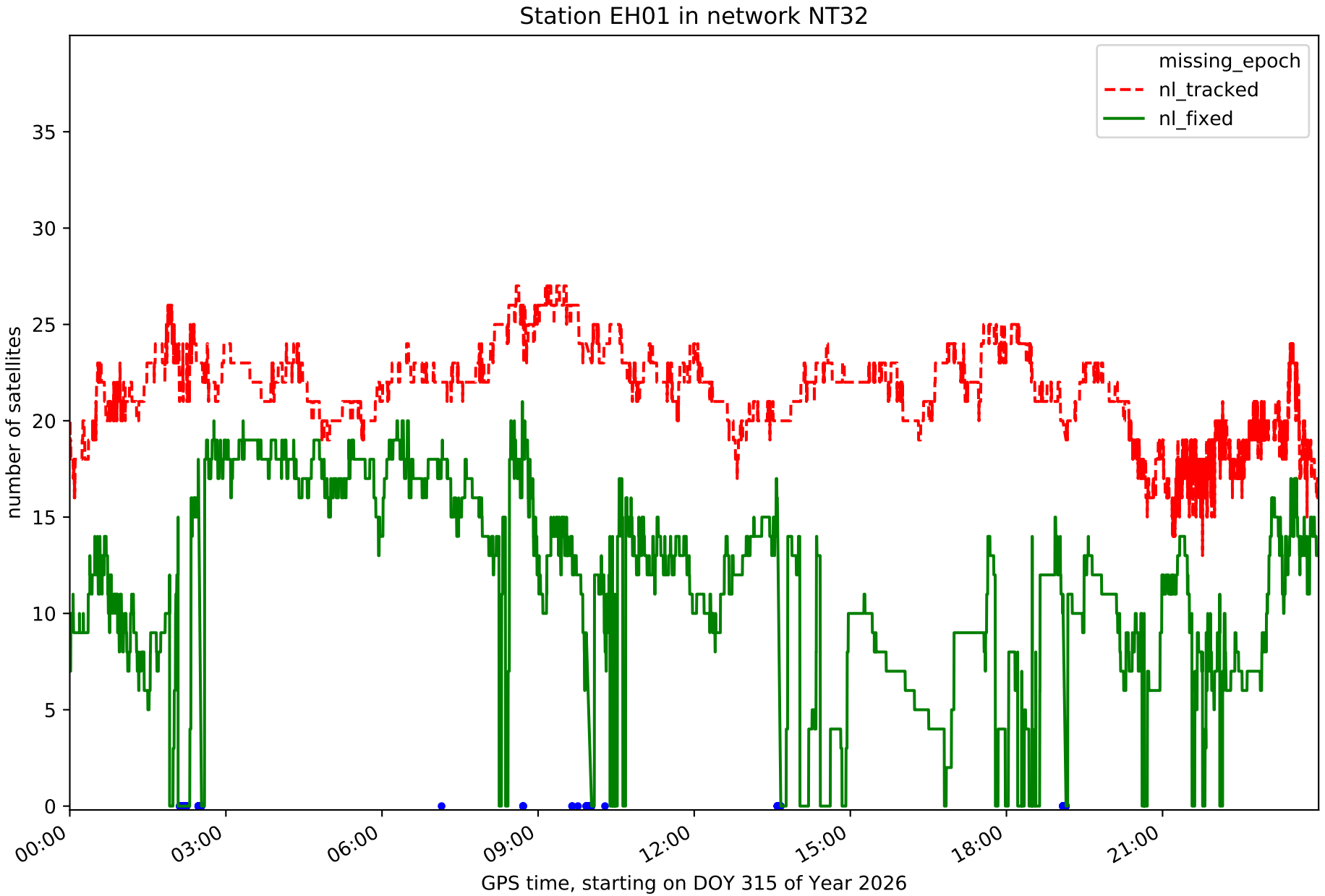

Fixing percentage of satellites in network NT32 with threshold set to 0.3
percentage fixed to tracked
0
10
20
30
40
50
60
70
80
90
100
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

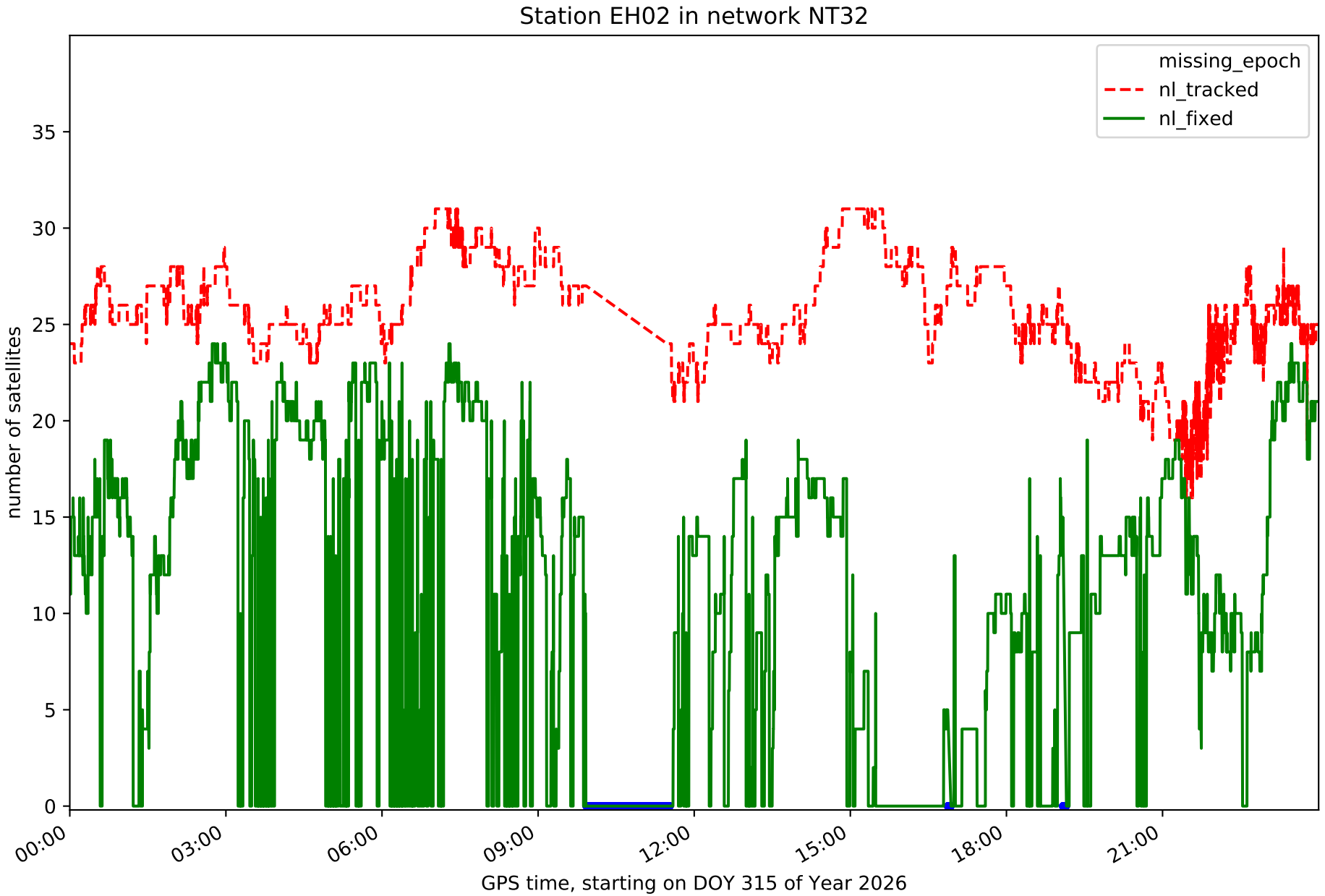

Network NT32 - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 315 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (79.2 % fixed)
l2_tracked
l2_fixed (79.1 % fixed)
l5_tracked
l5_fixed (79.6 % fixed)

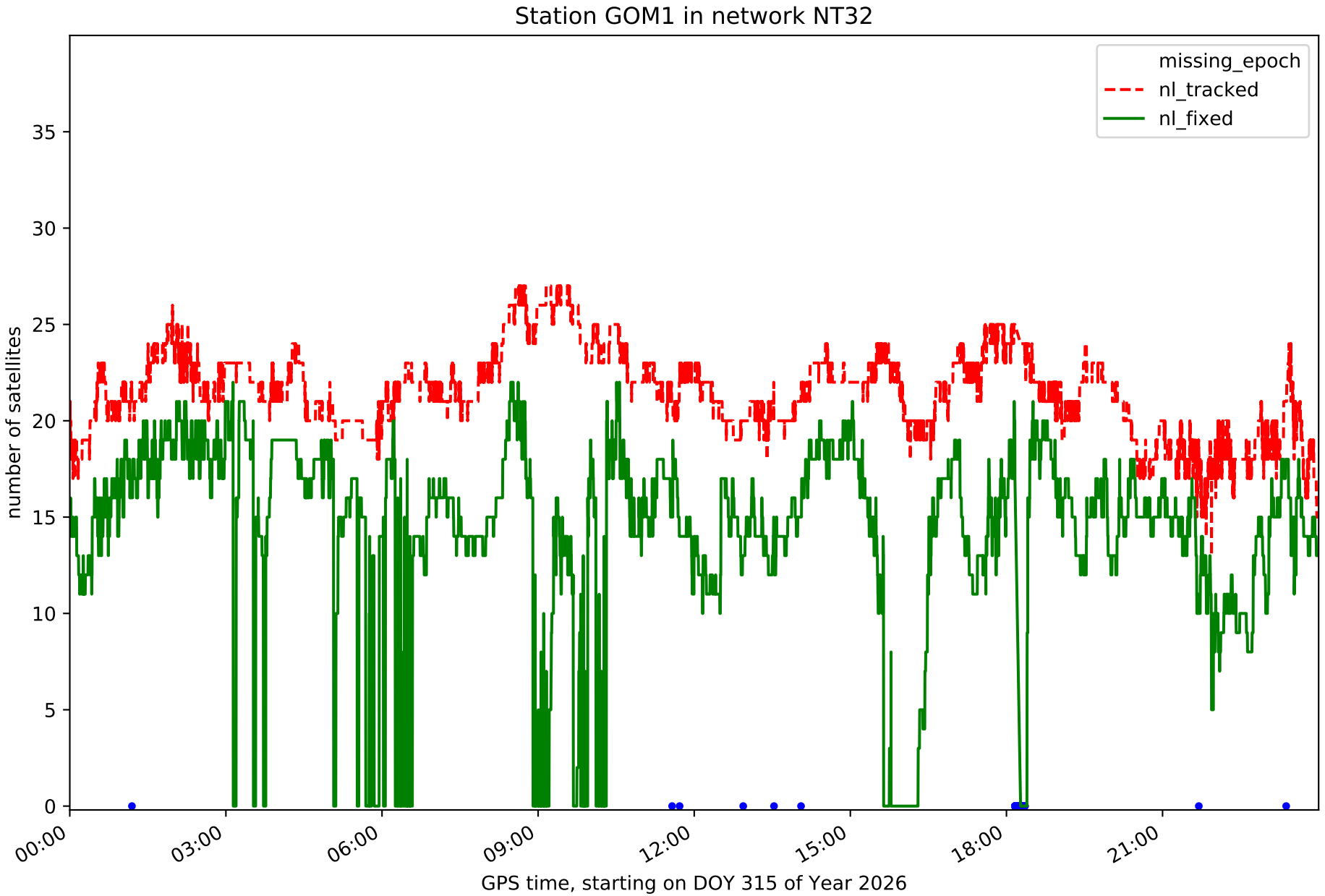

Network NT32 - only GLONASS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 315 of Year 2026
l1_tracked
l1_fixed (66.6 % fixed)
l2_tracked
l2_fixed (66.6 % fixed)
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00

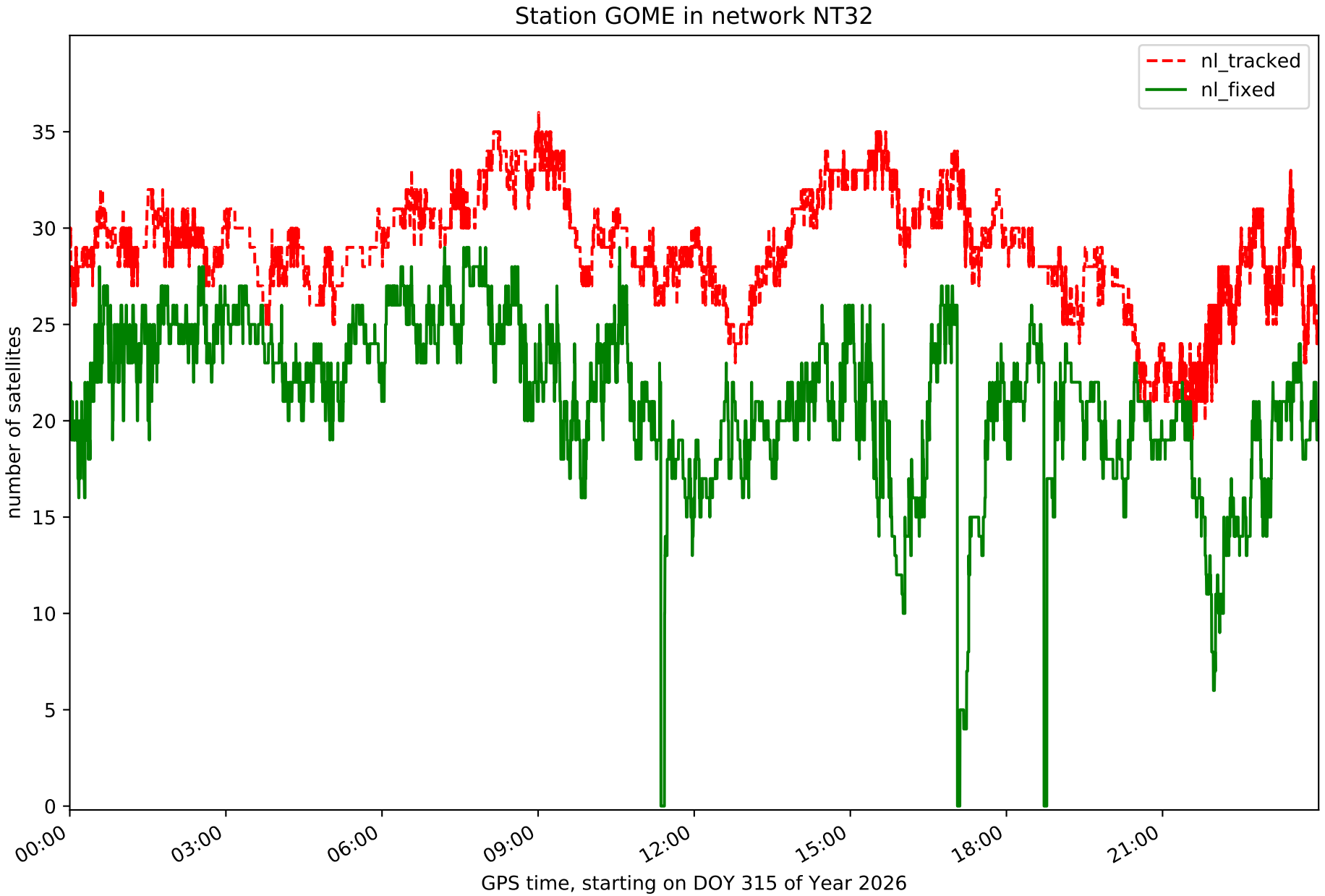

Network NT32 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 315 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (64.2 % fixed)
I6_tracked
I6_fixed (64.2 % fixed)
I7_tracked
I7_fixed (0.0 % fixed)

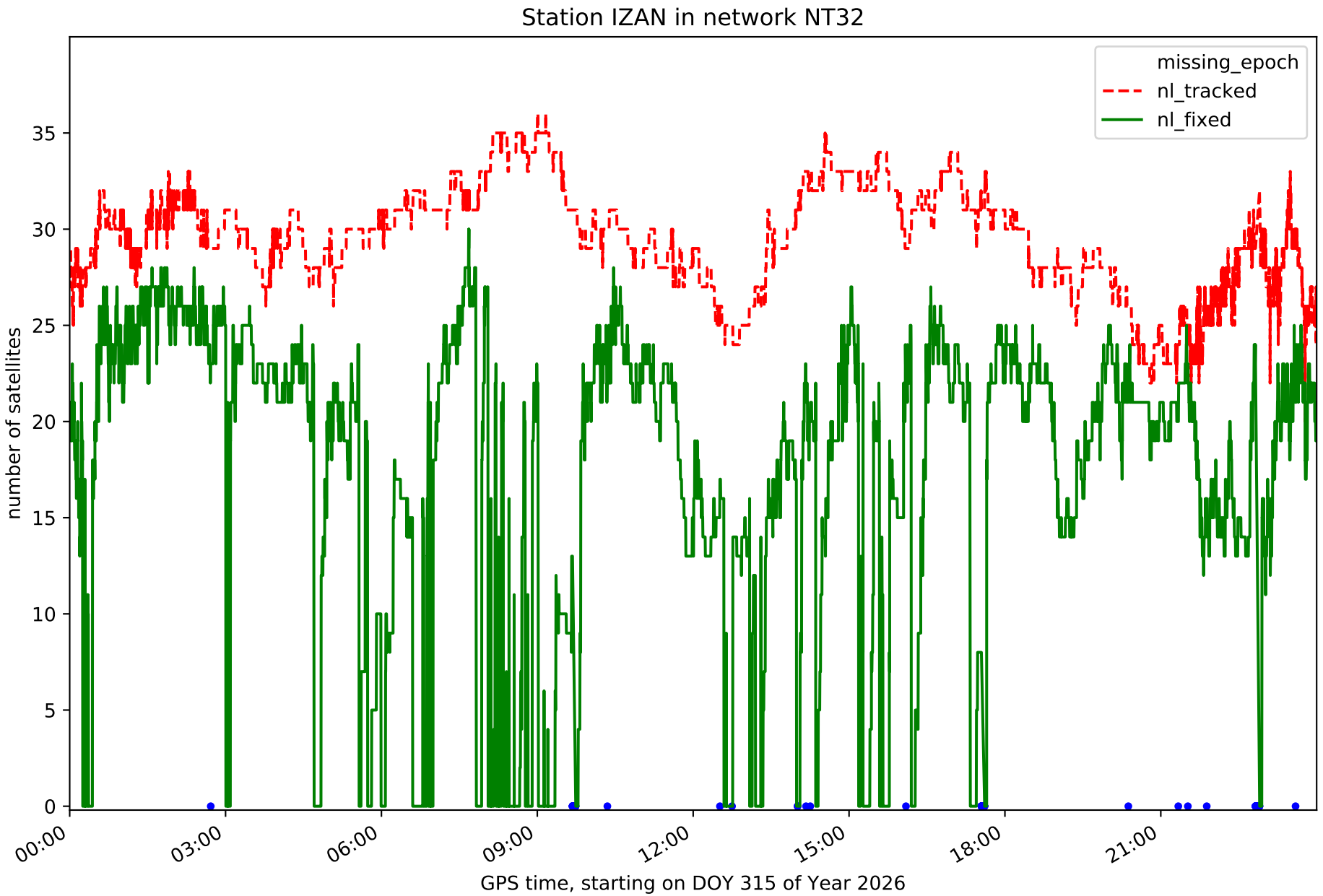

Network NT32 - only Galileo with threshold set to 0.3
l1_tracked
l1_fixed (76.8 % fixed)
l5_tracked
l5_fixed (76.5 % fixed)
l7_tracked
l7_fixed (78.0 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

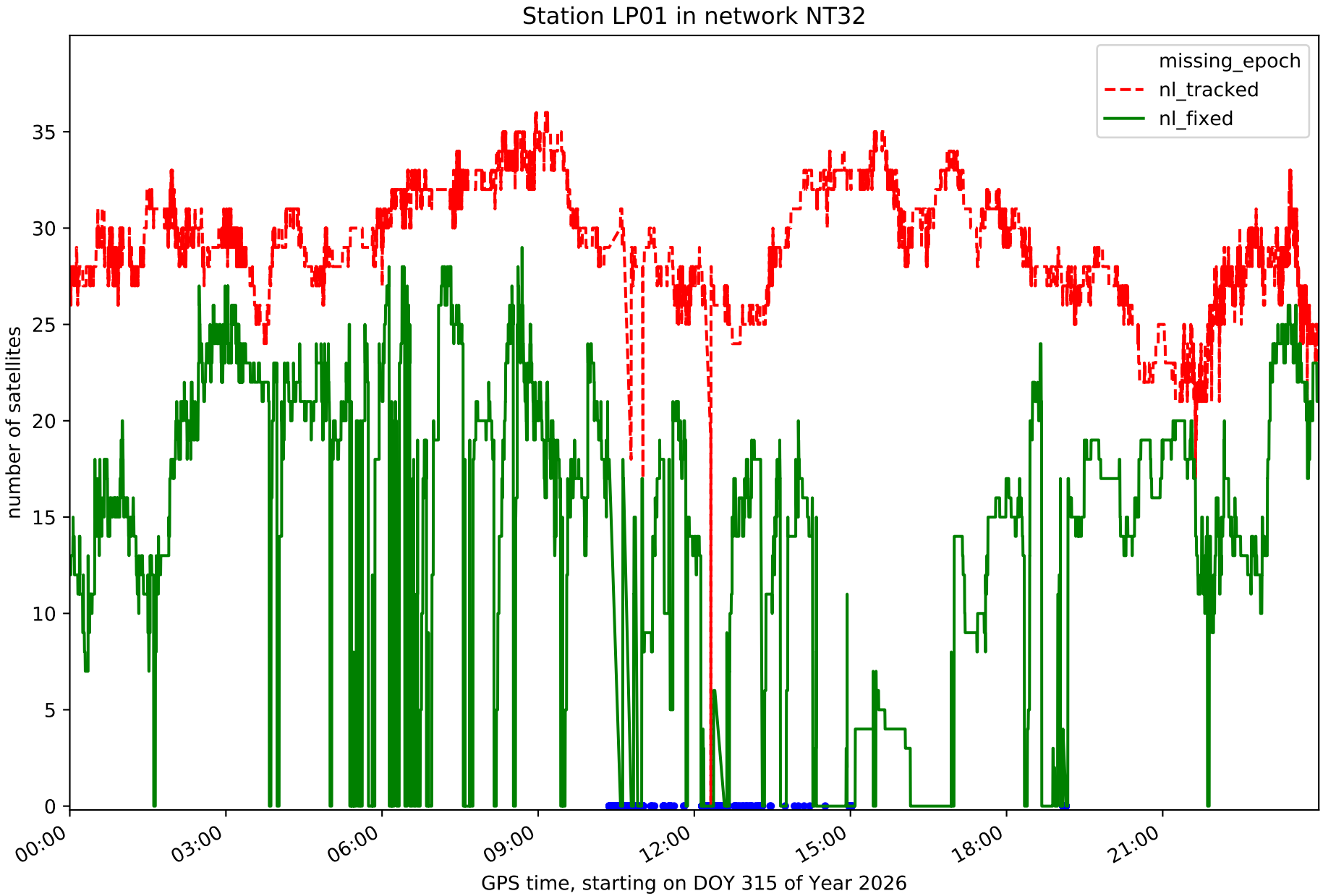

Station EH01 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

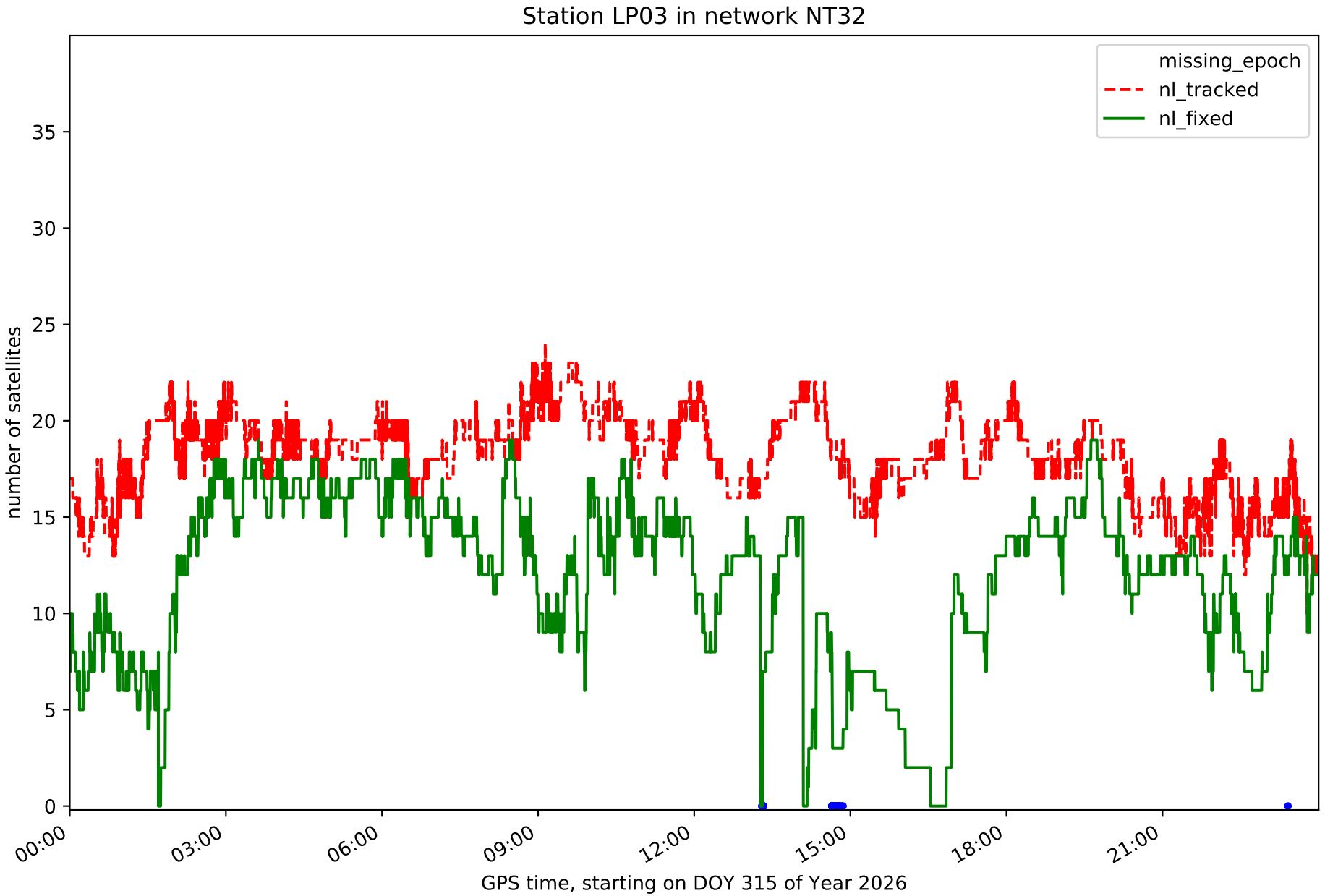

Station EH02 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

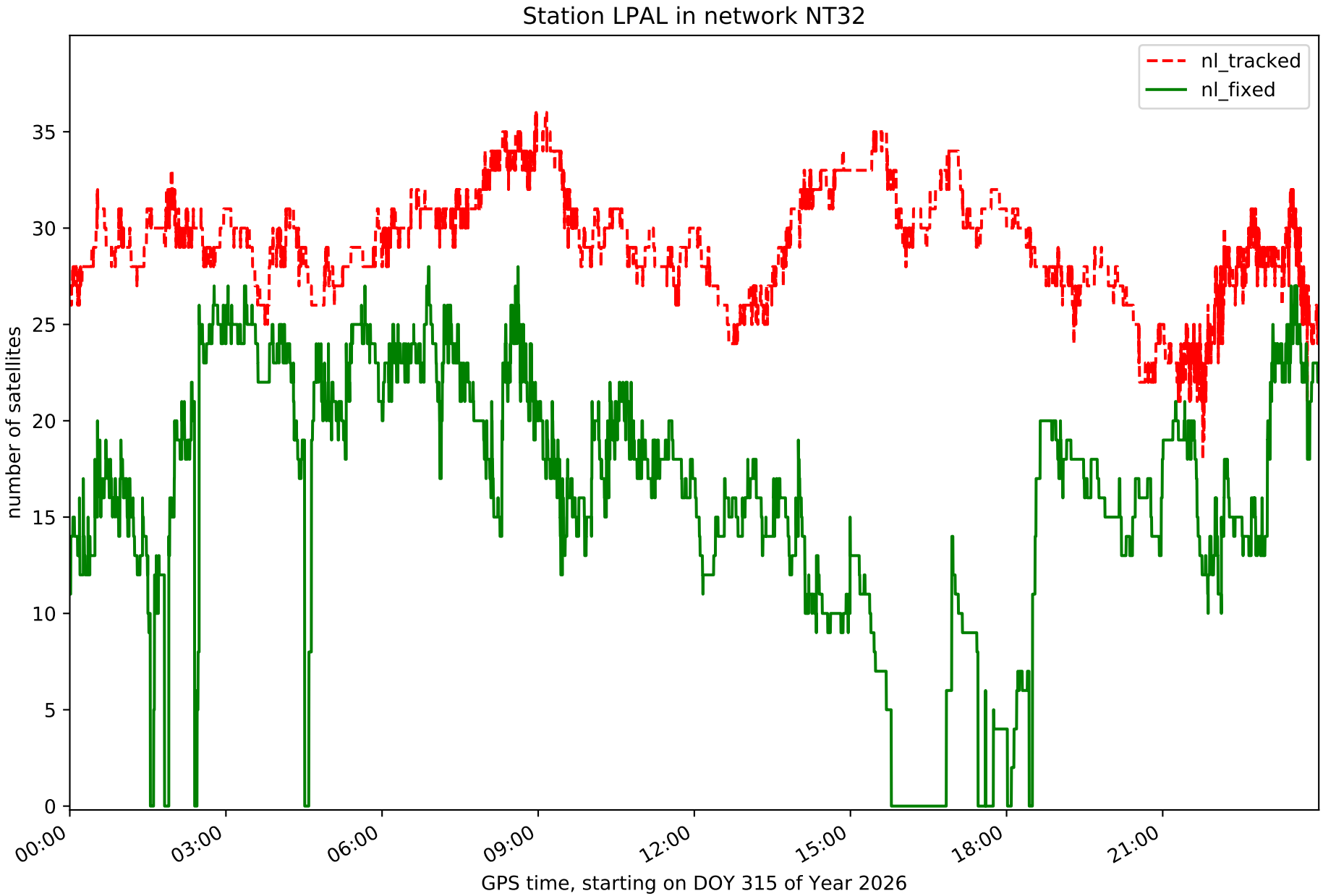

Station GOM1 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

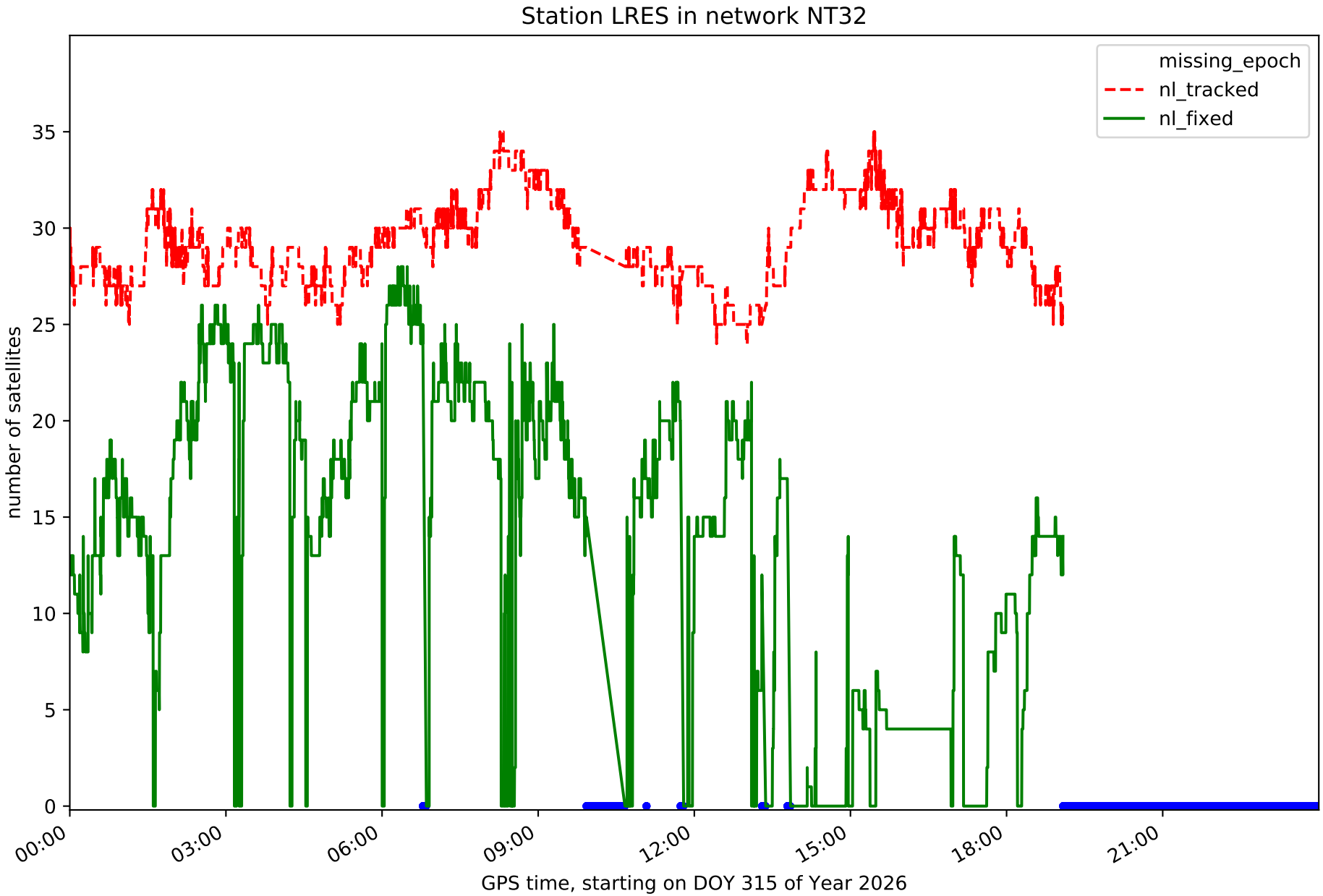

Station GOME in network NT32
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

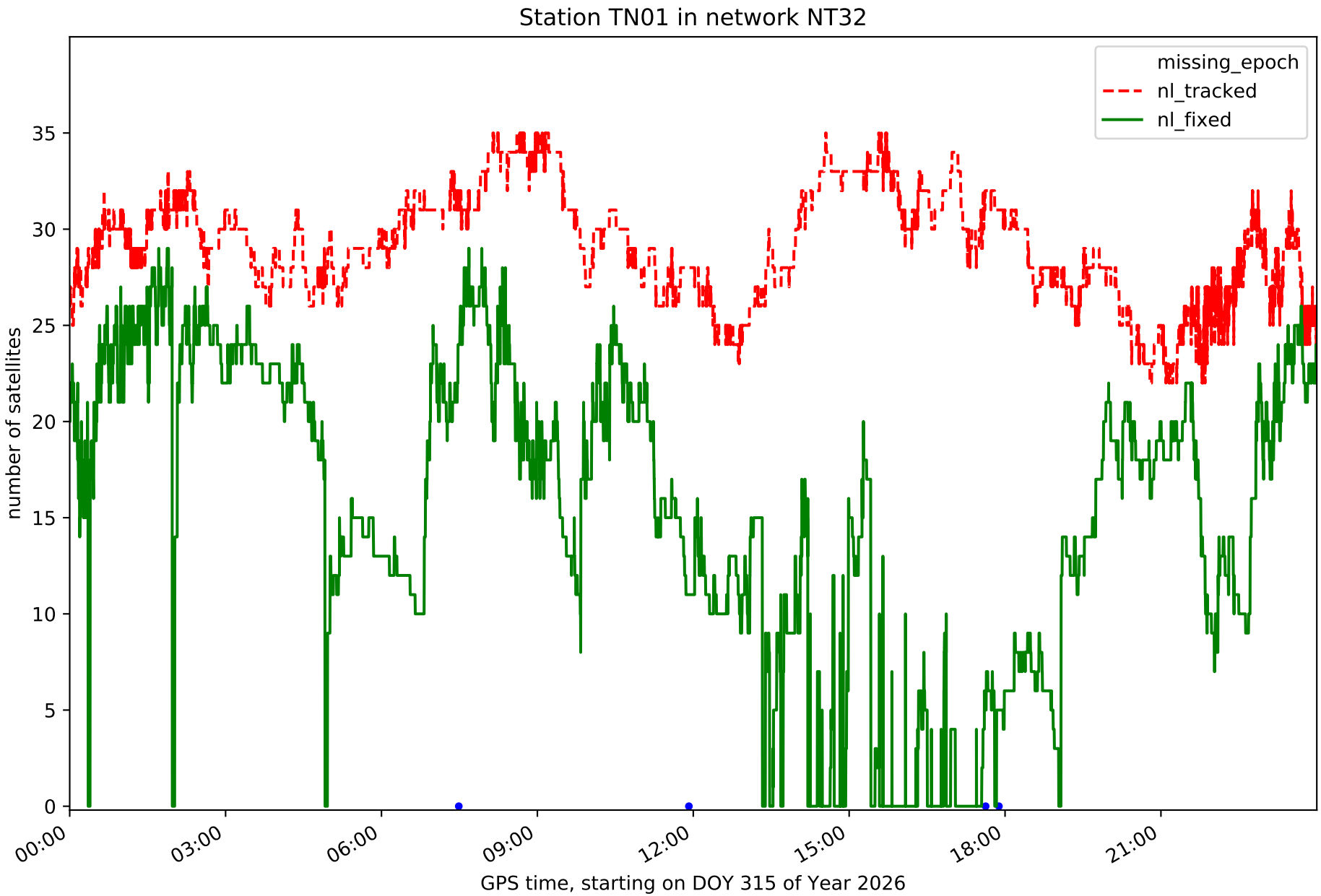

Station IZAN in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

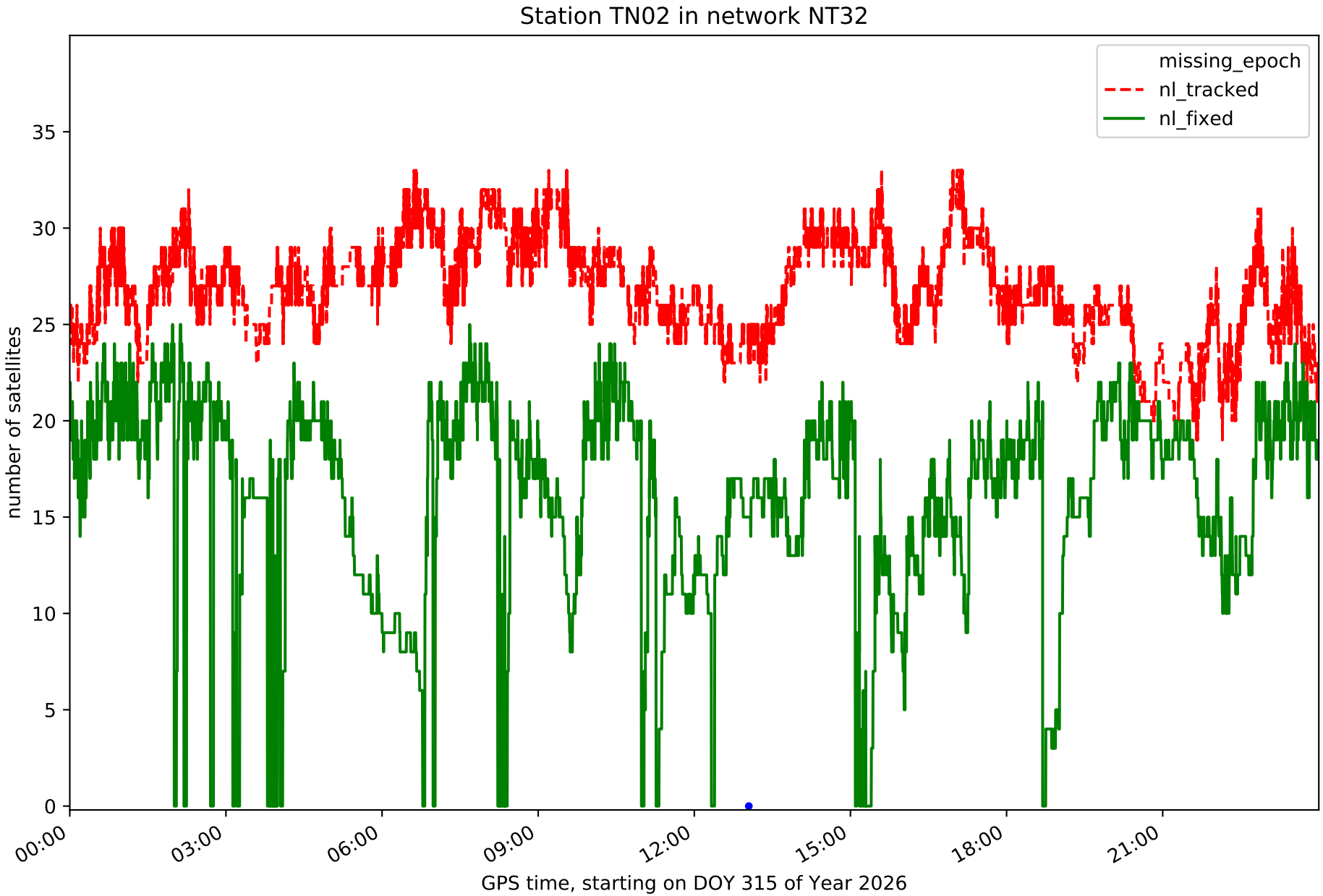

Station LP01 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

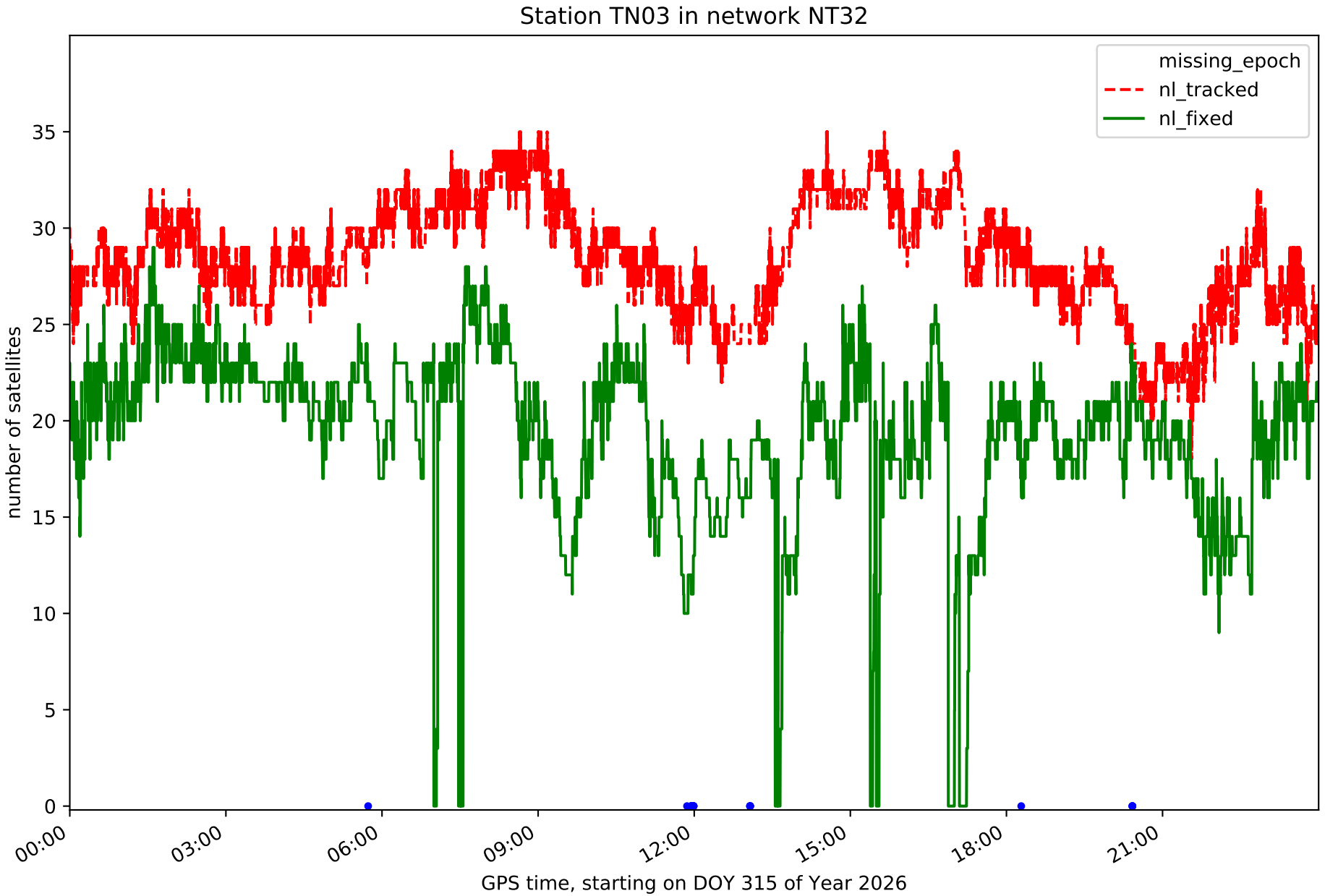

Station LP03 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

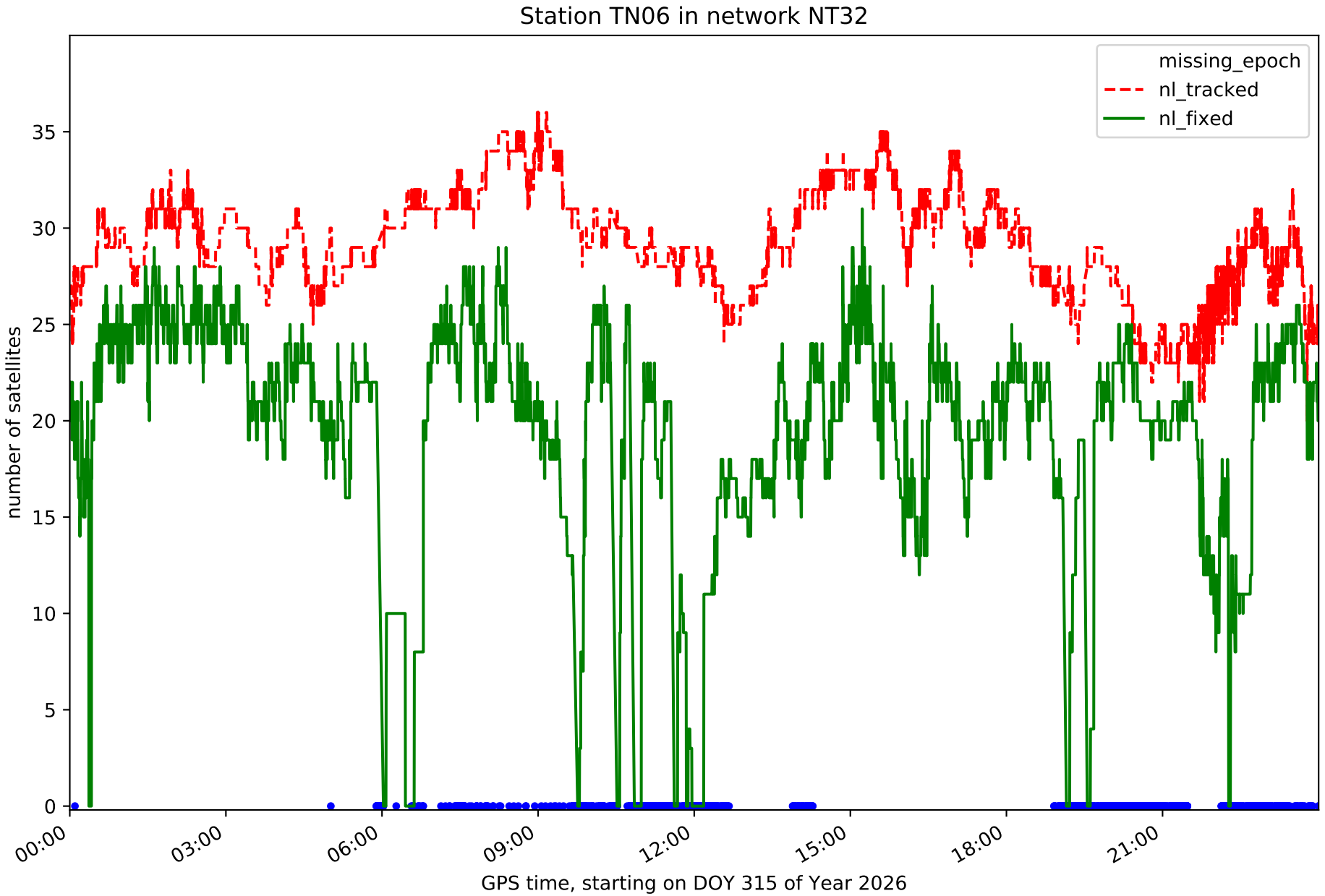

Station LPAL in network NT32
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

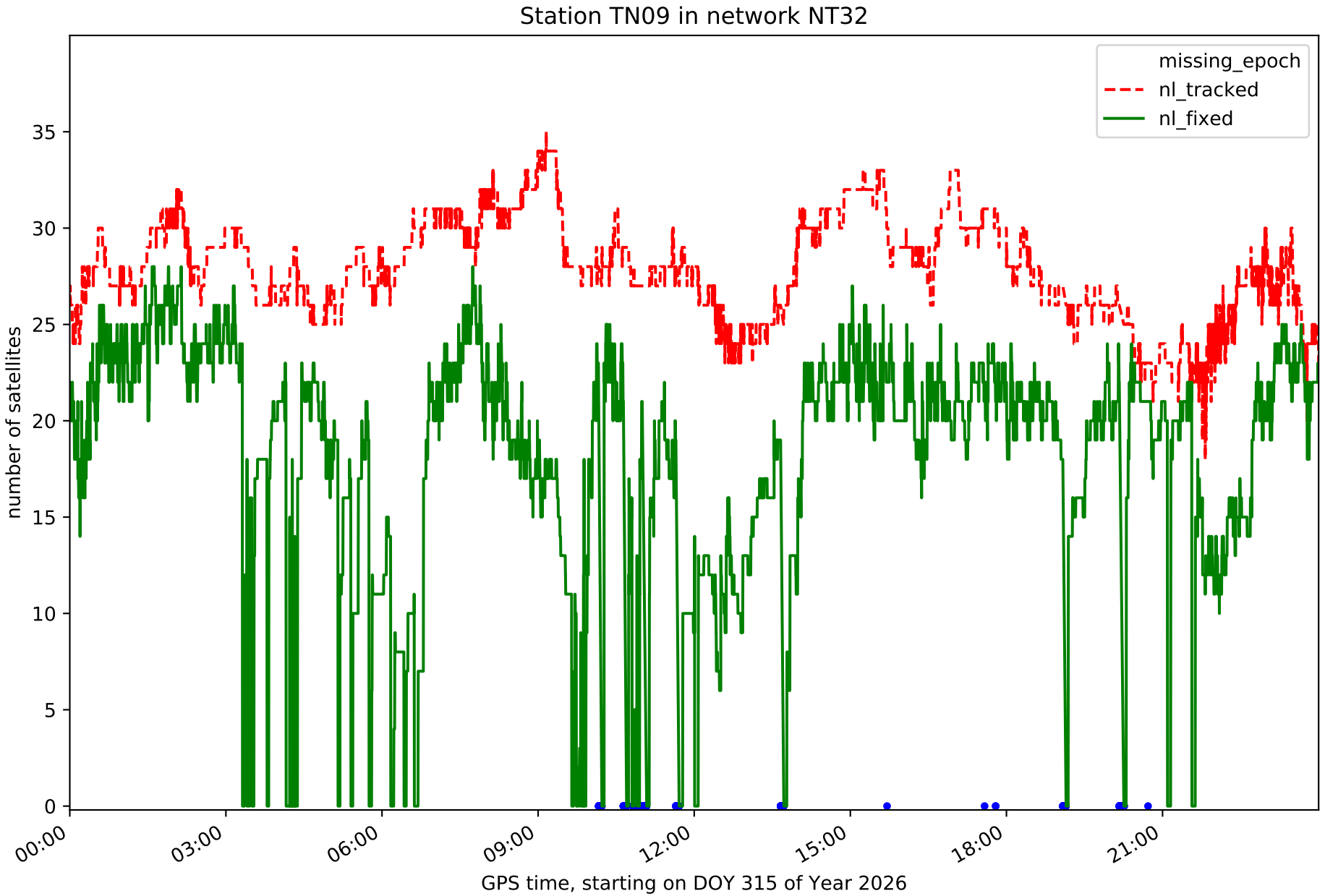

Station LRES in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

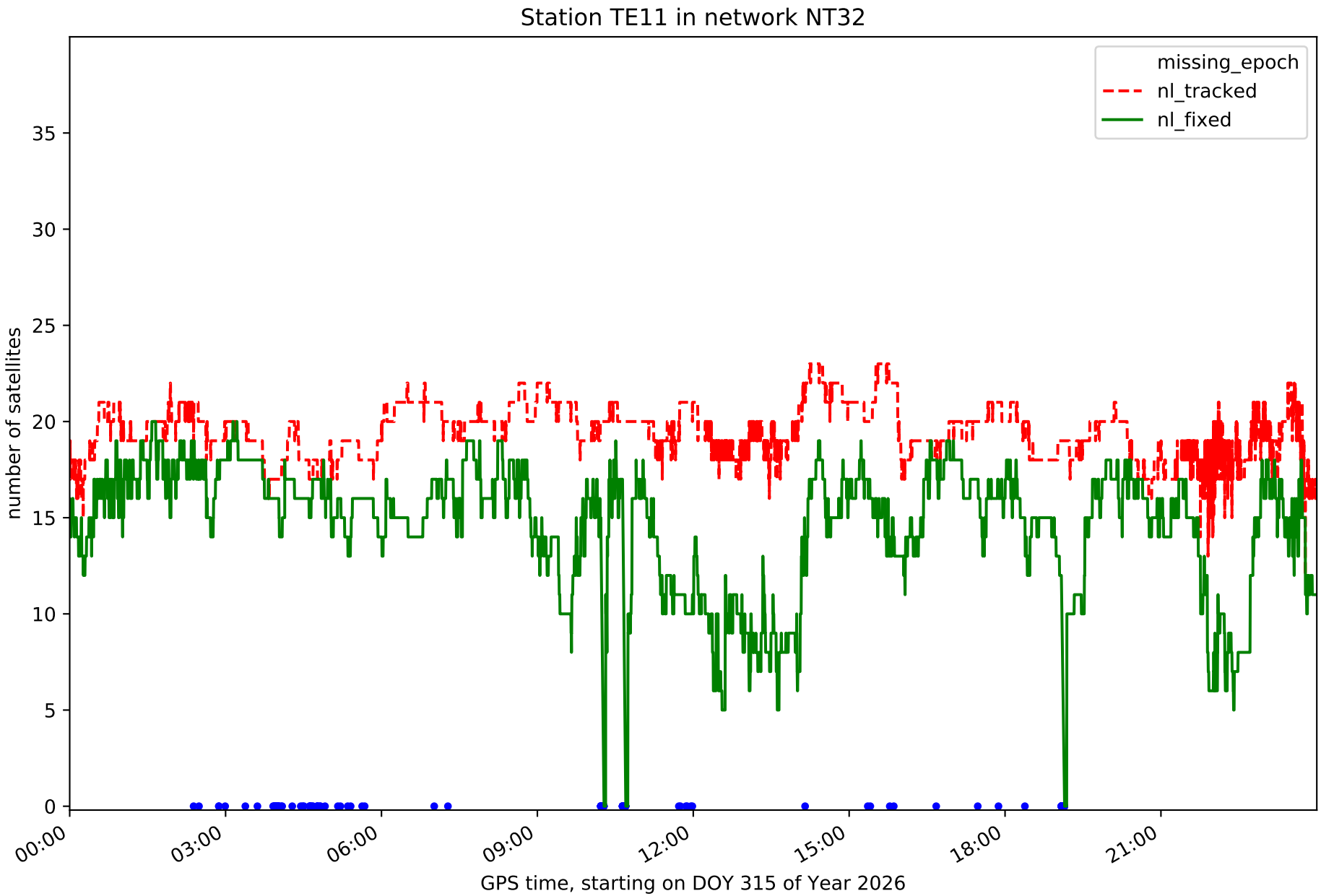

Station TN01 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

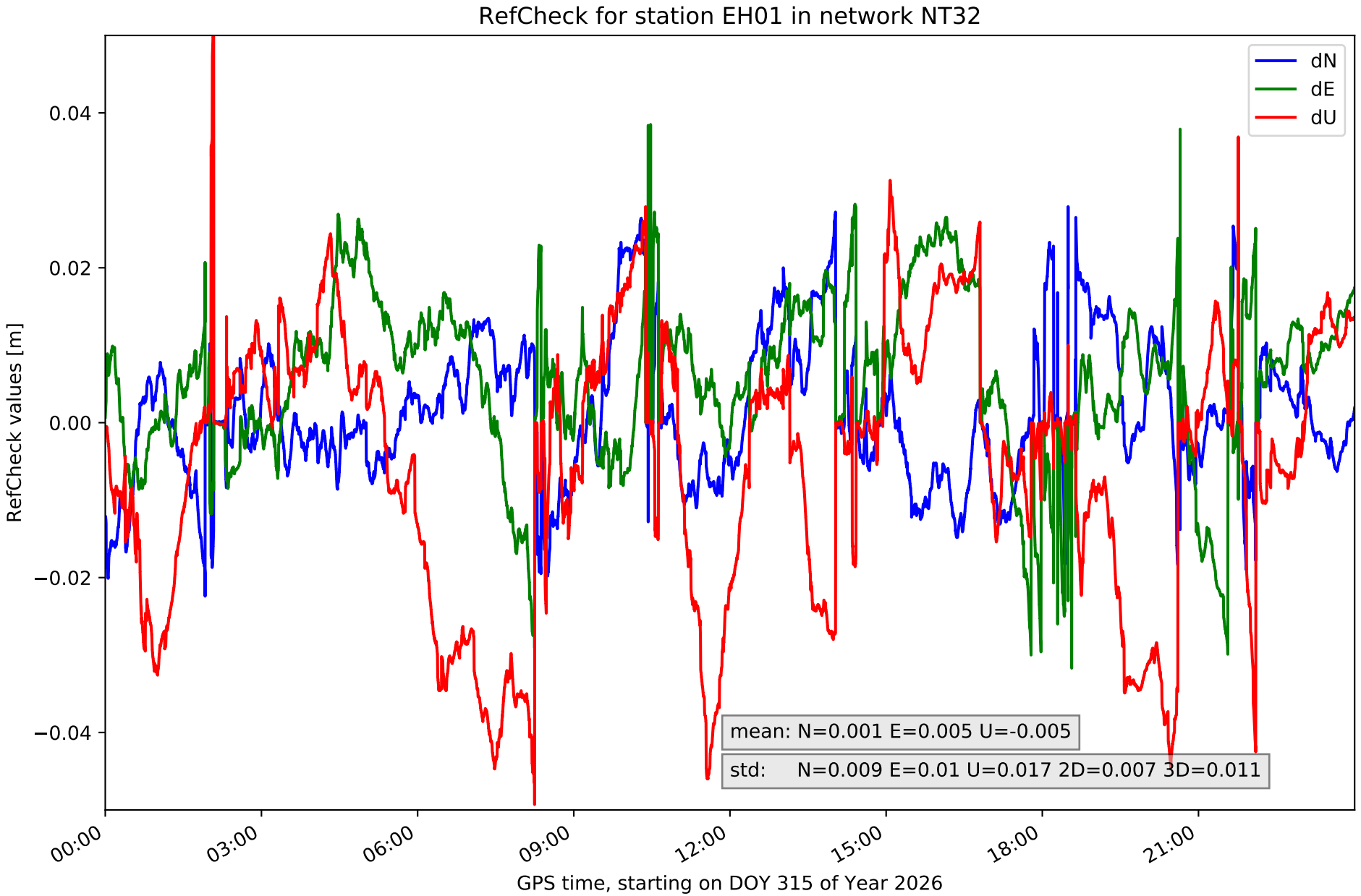

Station TN02 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

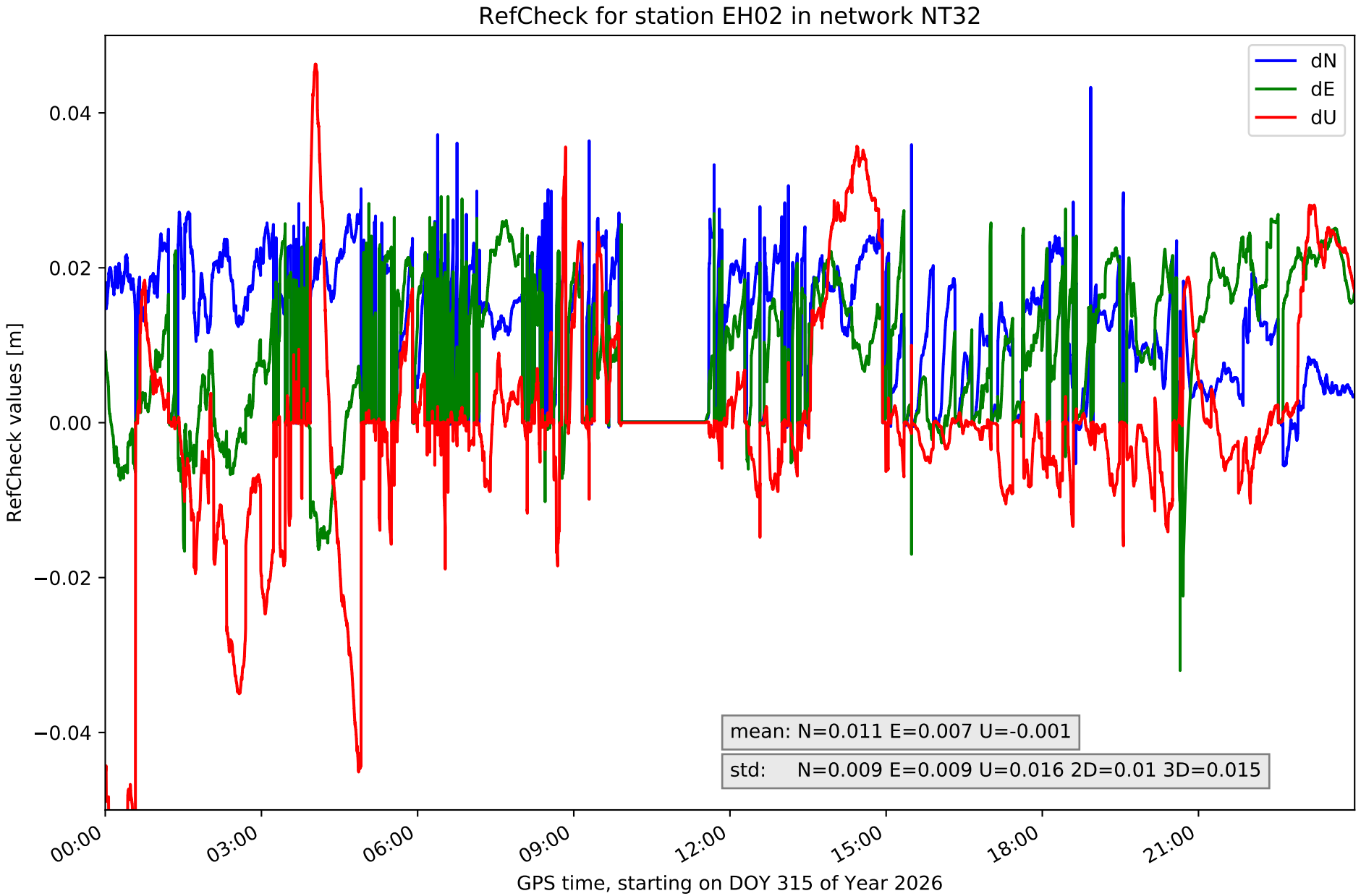

Station TN03 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

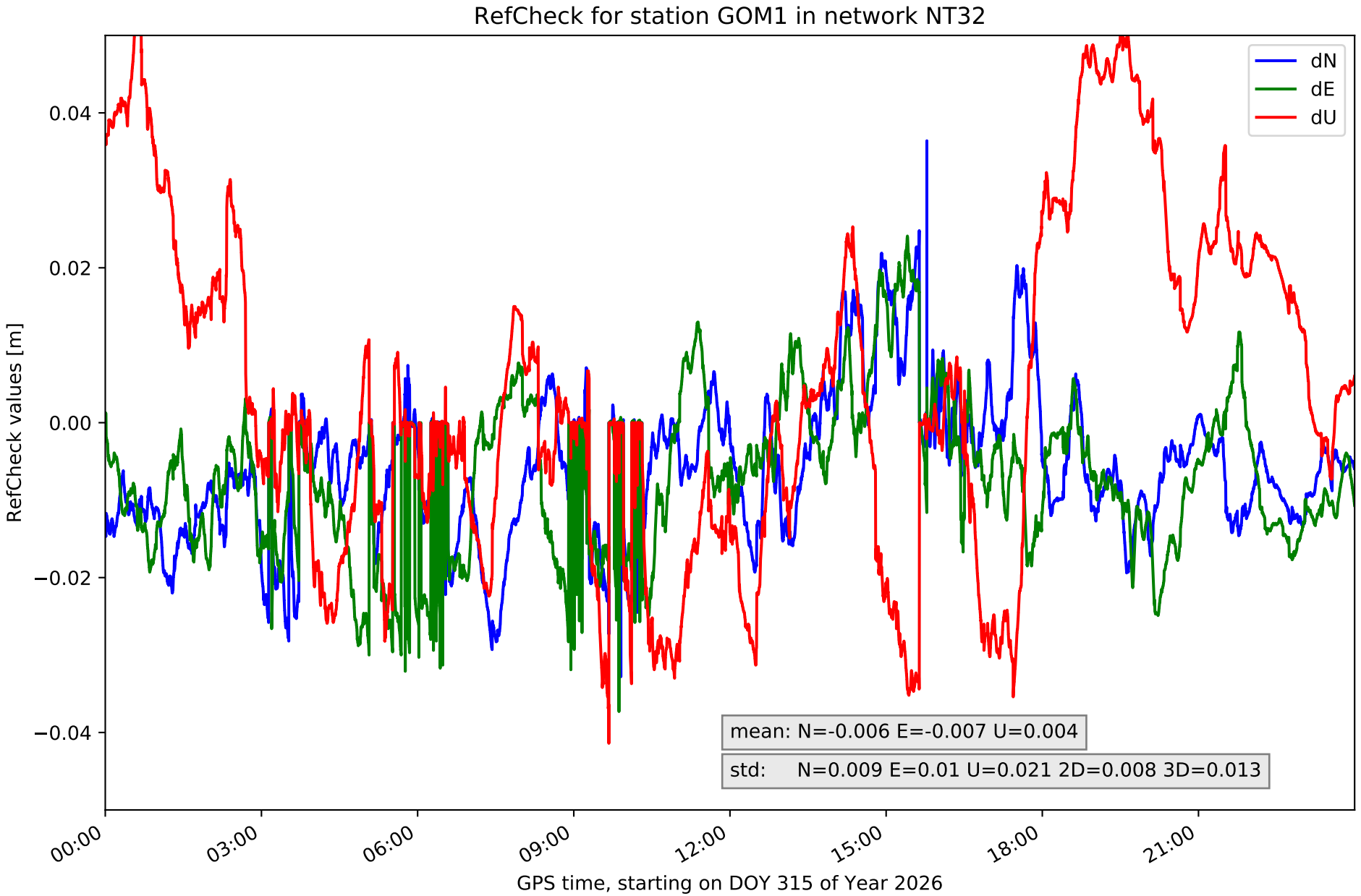

Station TN06 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

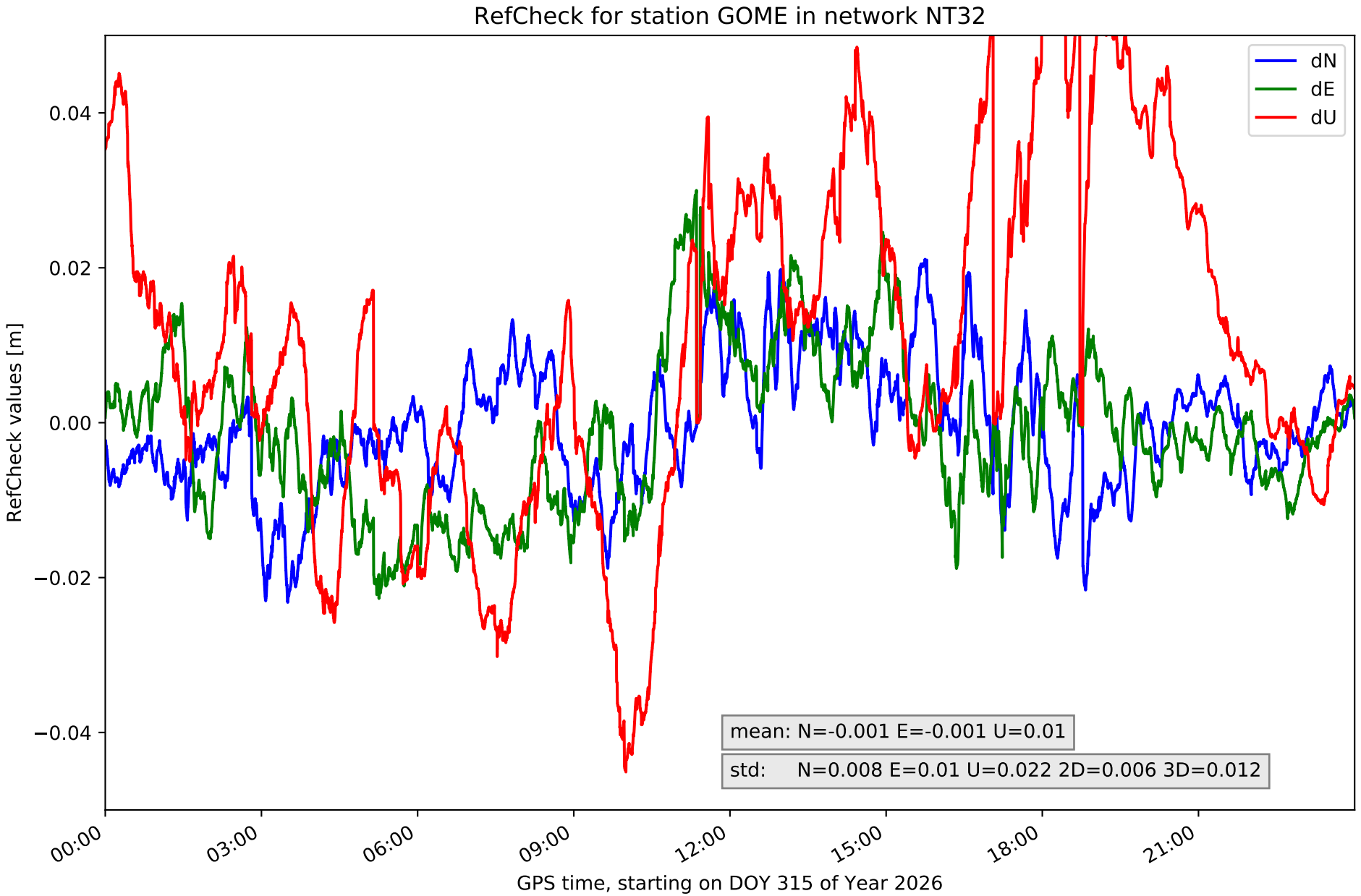

Station TN09 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

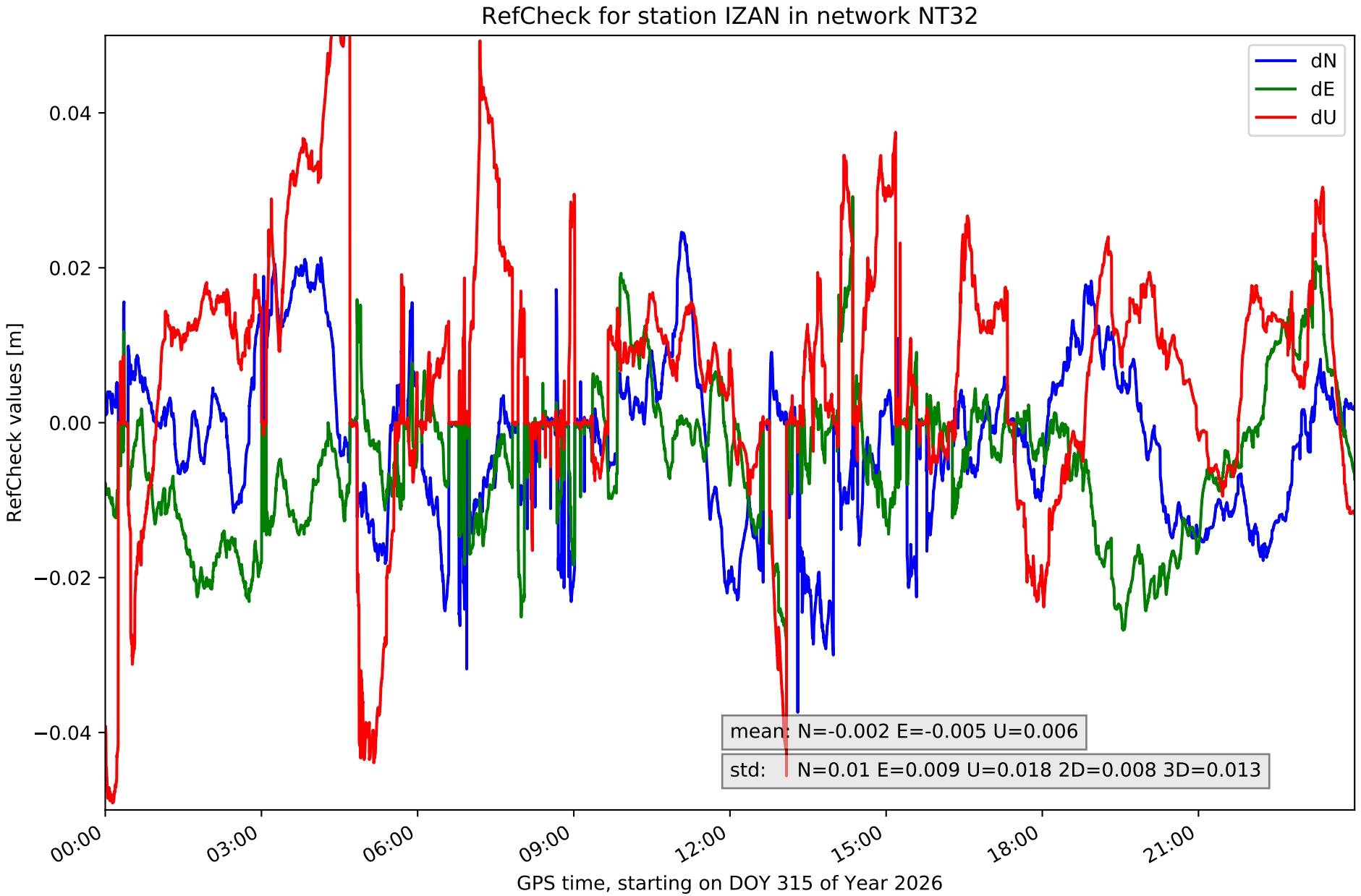

Station TE11 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

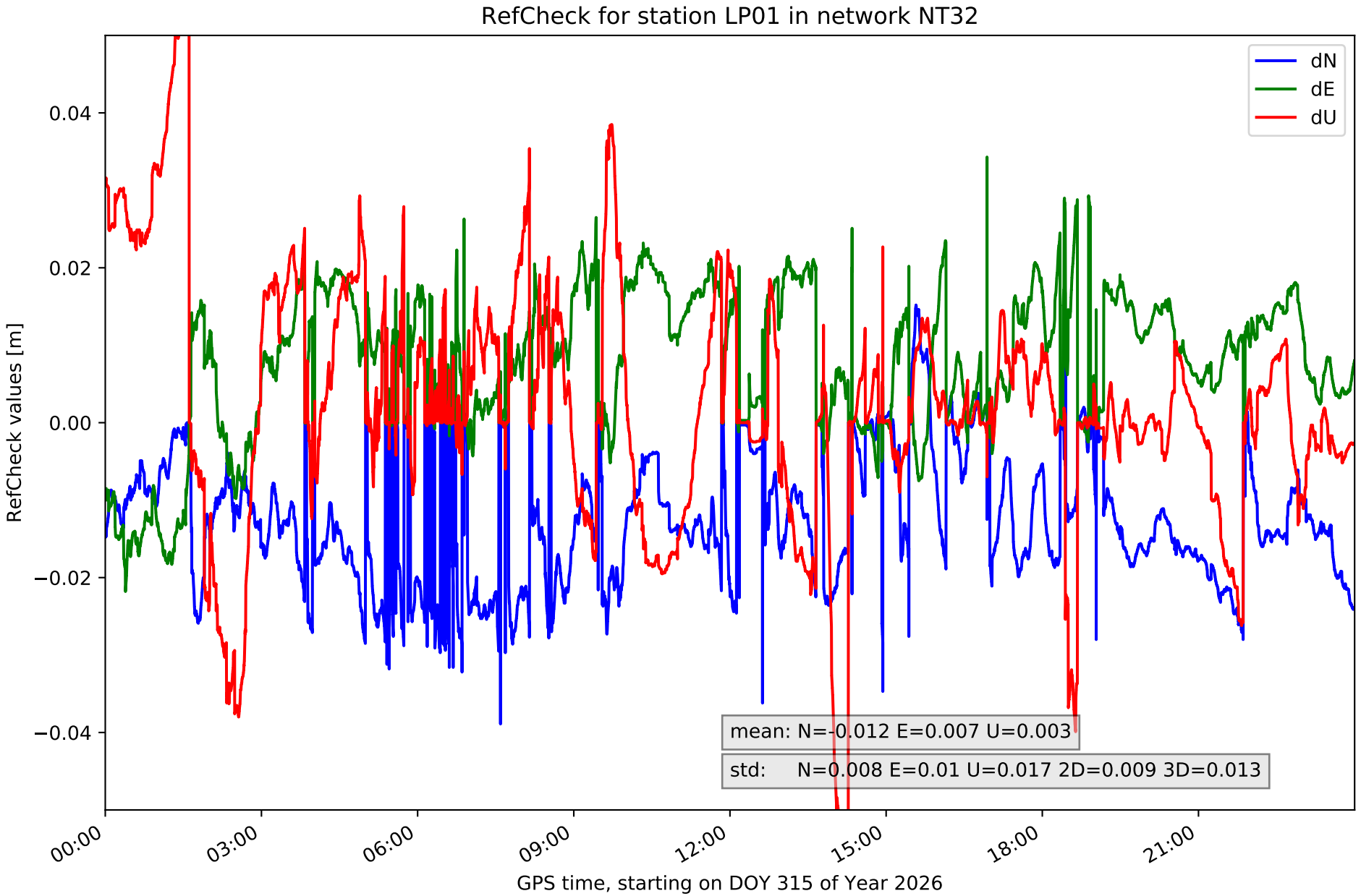

RefCheck for station EH01 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.005 U=-0.005
std: N=0.009 E=0.01 U=0.017 2D=0.007 3D=0.011
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

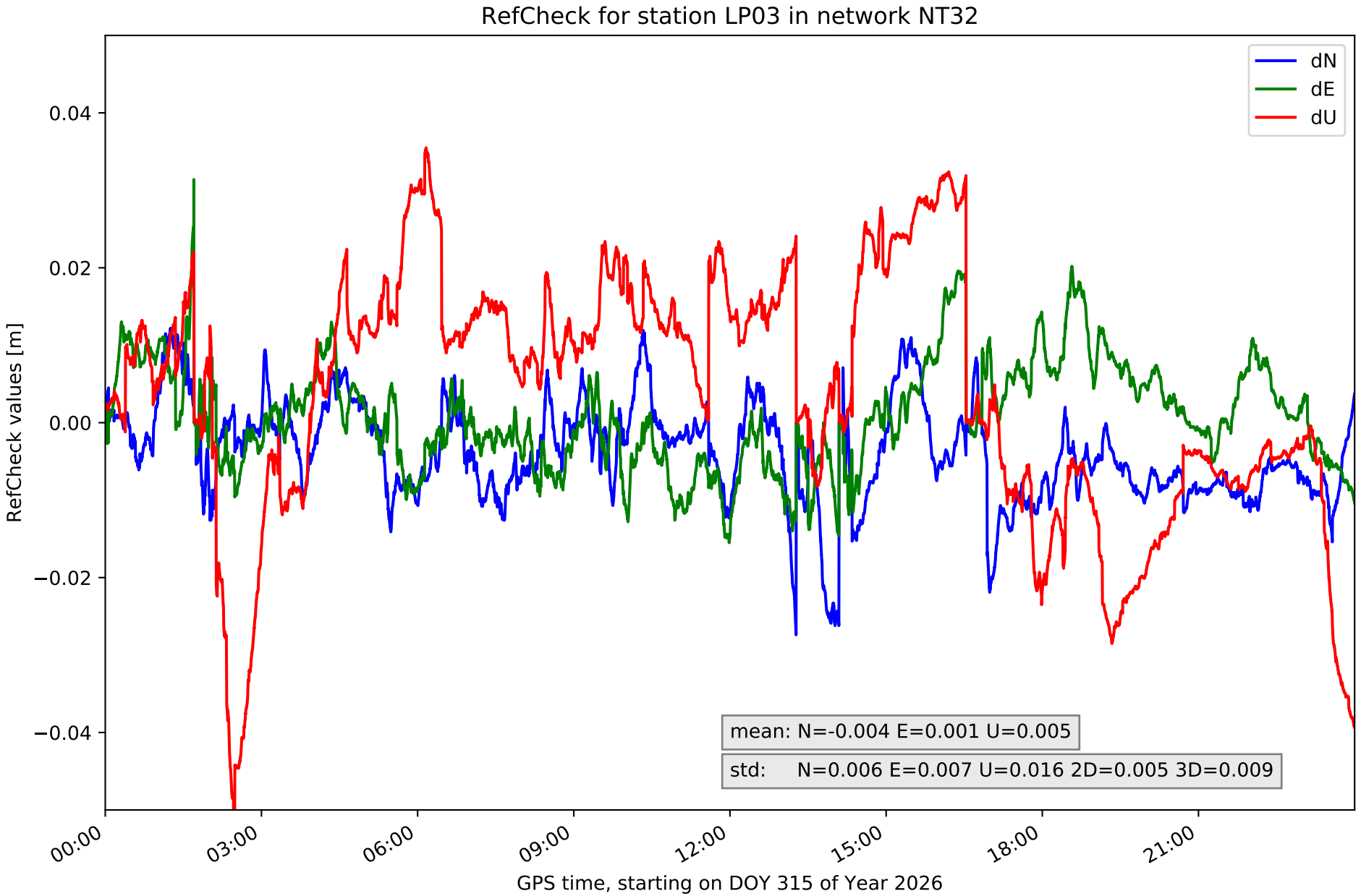

RefCheck for station EH02 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.011 E=0.007 U=-0.001
std: N=0.009 E=0.009 U=0.016 2D=0.01 3D=0.015
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

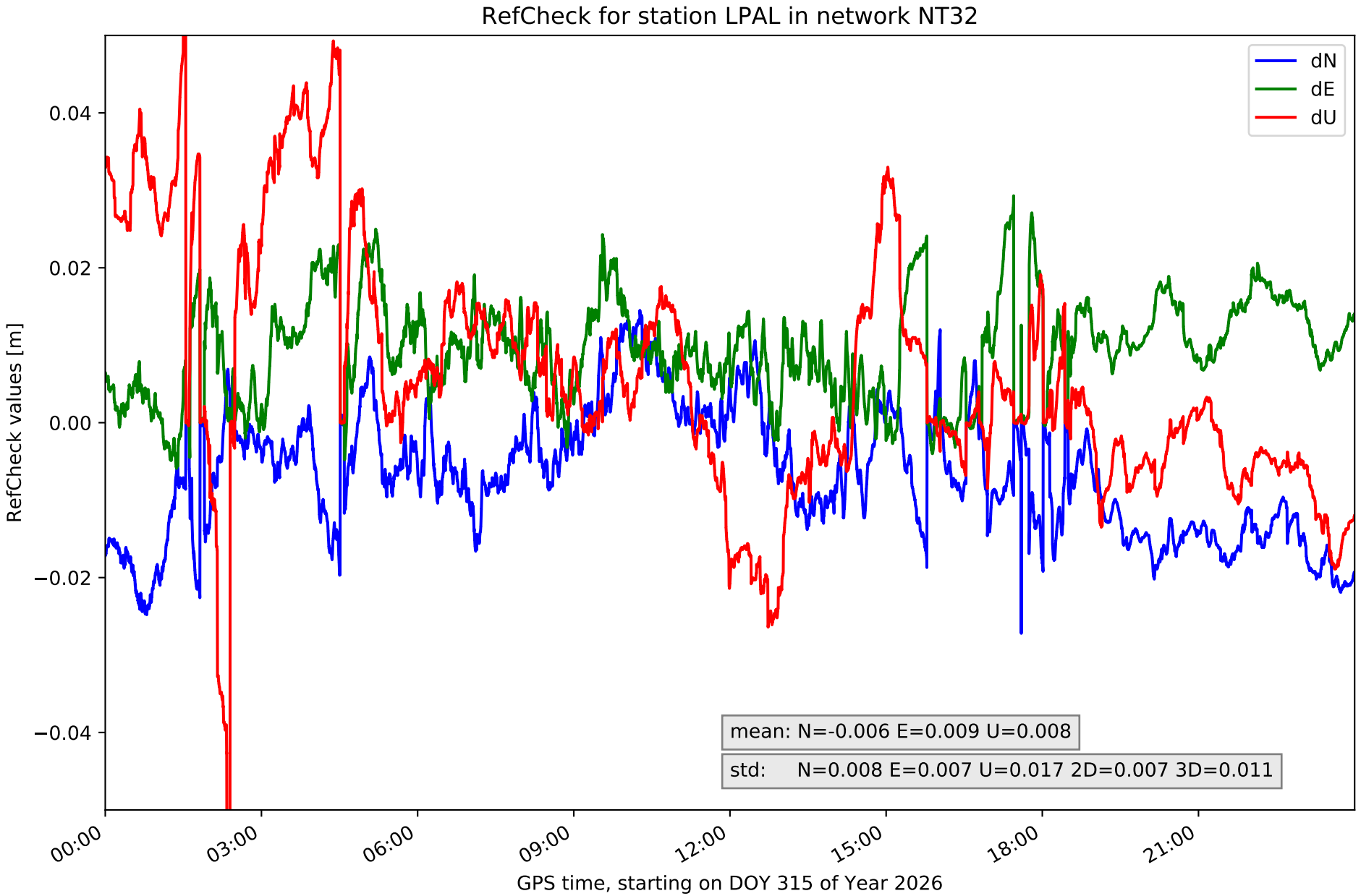

RefCheck for station GOM1 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.006 E=-0.007 U=0.004
std: N=0.009 E=0.01 U=0.021 2D=0.008 3D=0.013
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

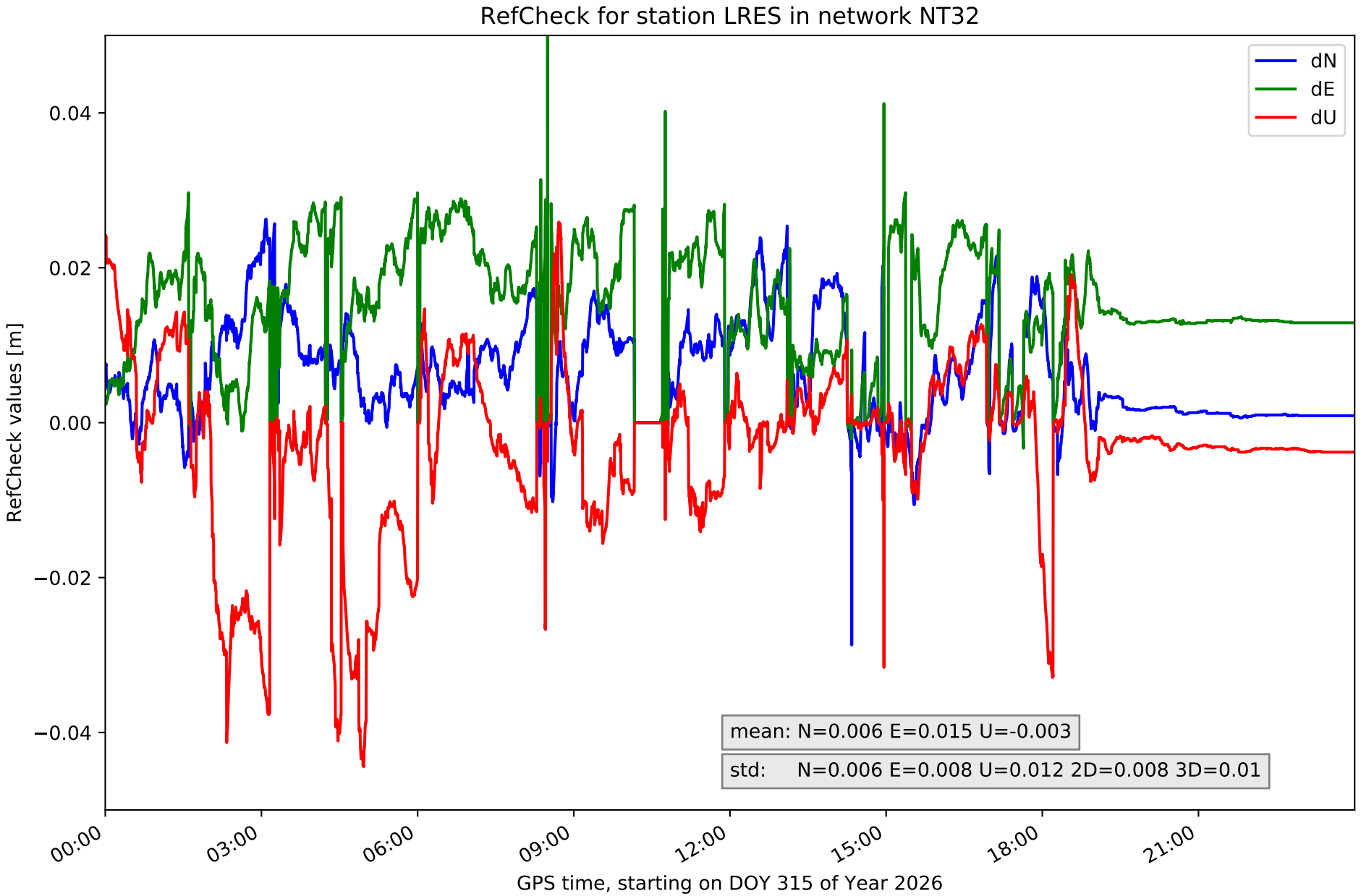

RefCheck for station GOME in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=-0.001 U=0.01
std: N=0.008 E=0.01 U=0.022 2D=0.006 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

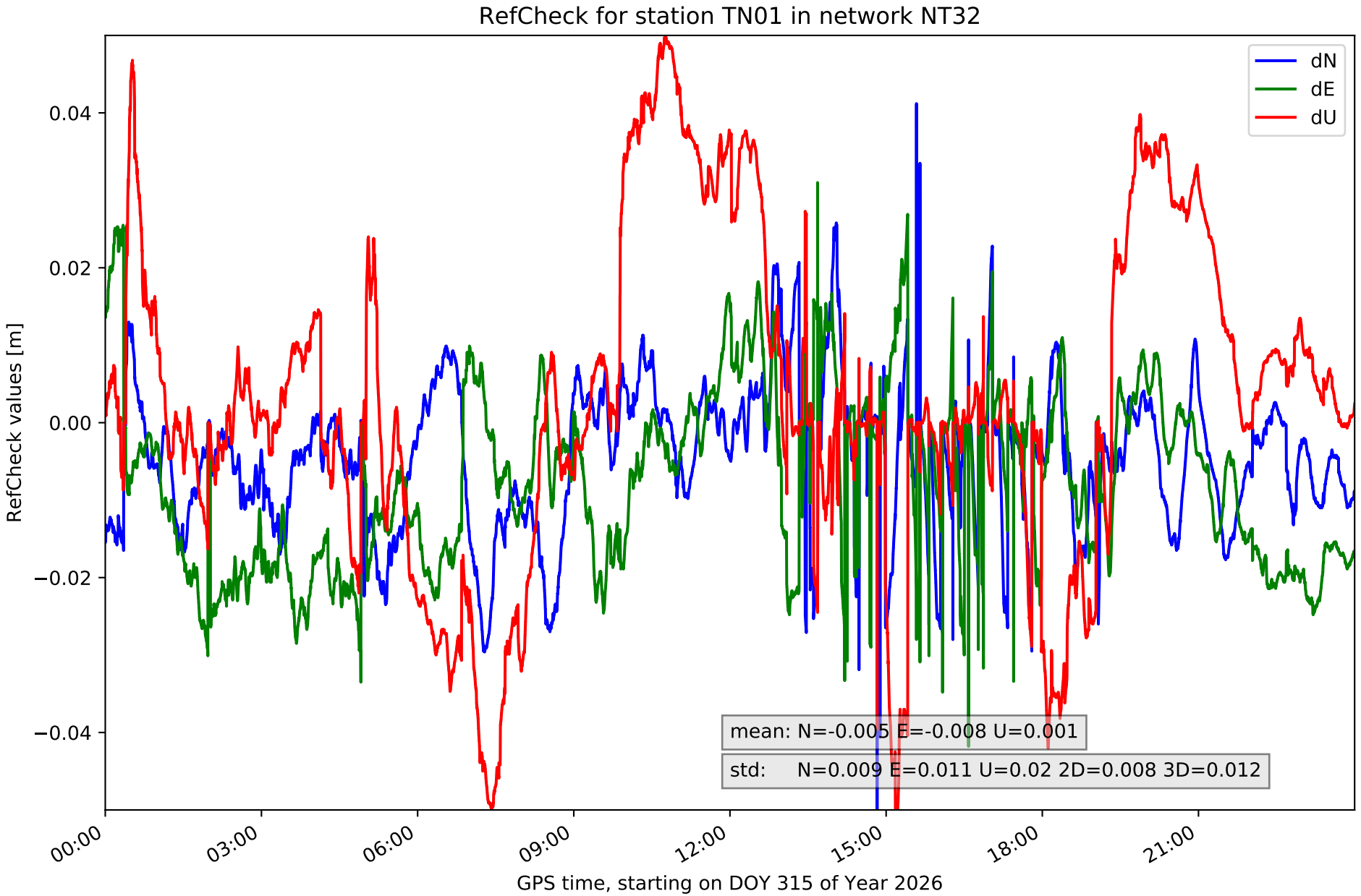

RefCheck for station IZAN in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.005 U=0.006
std: N=0.01 E=0.009 U=0.018 2D=0.008 3D=0.013
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

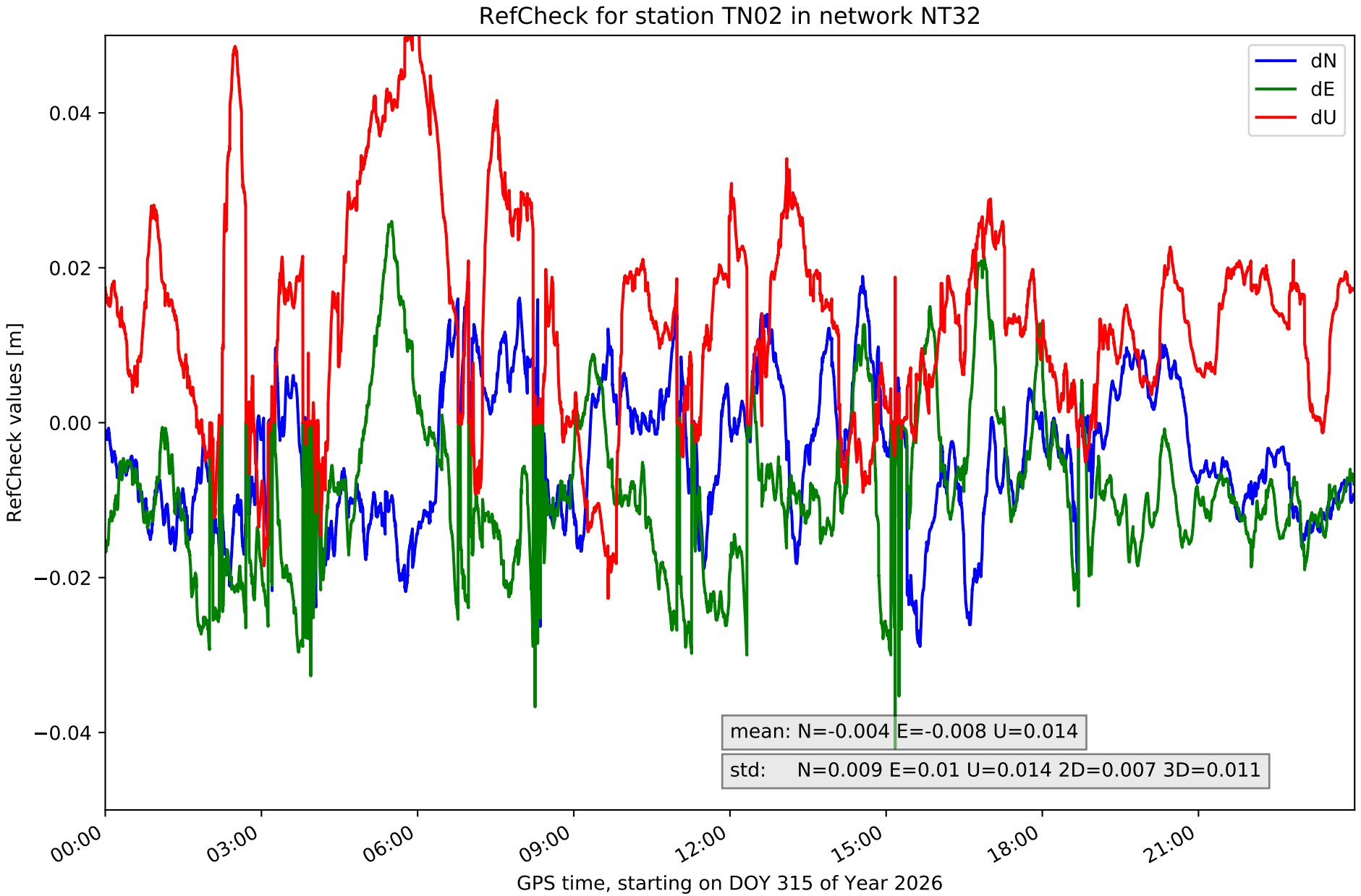

RefCheck for station LP01 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.012 E=0.007 U=0.003
std: N=0.008 E=0.01 U=0.017 2D=0.009 3D=0.013
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

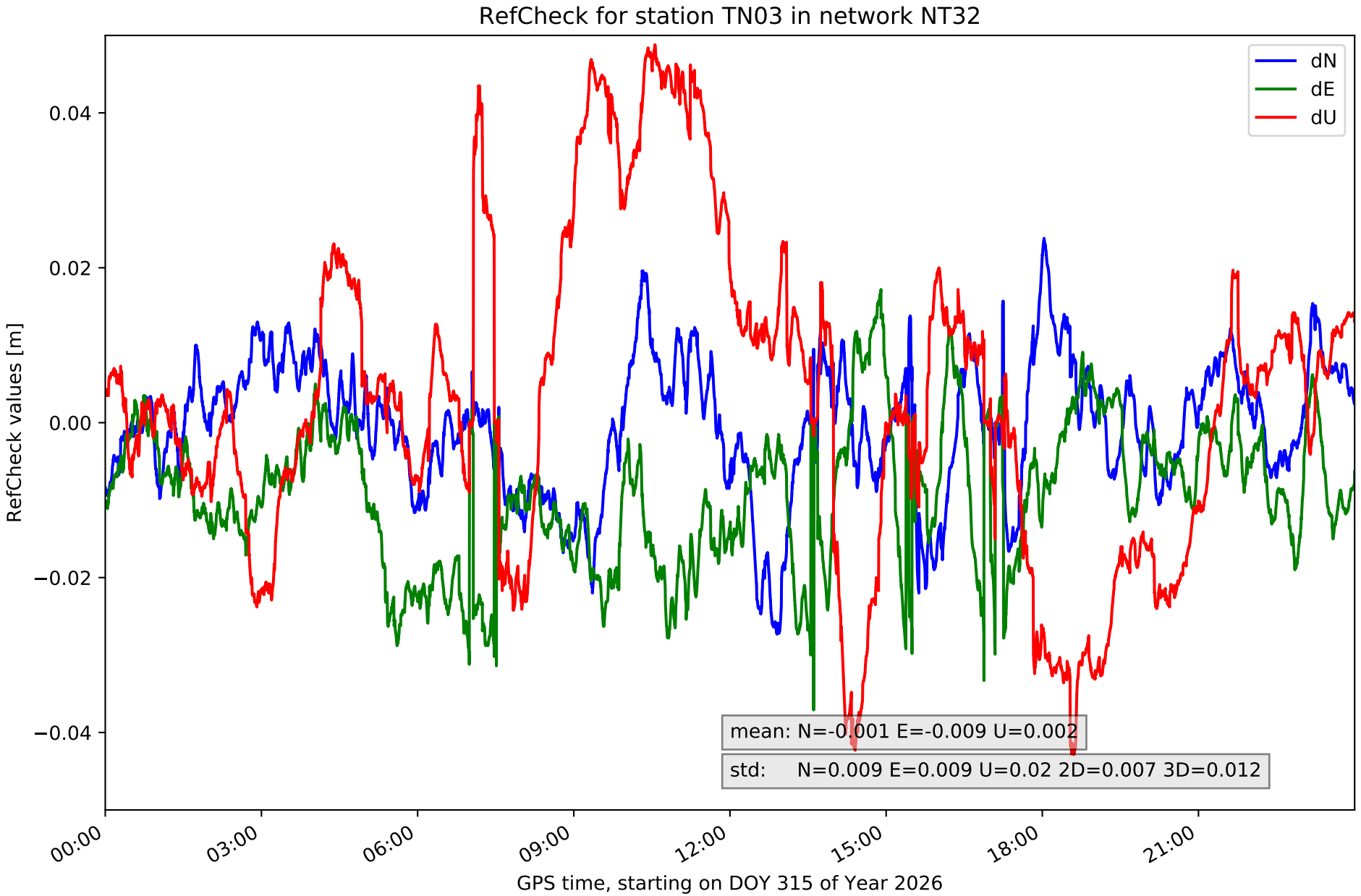

RefCheck for station LP03 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=0.001 U=0.005
std: N=0.006 E=0.007 U=0.016 2D=0.005 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

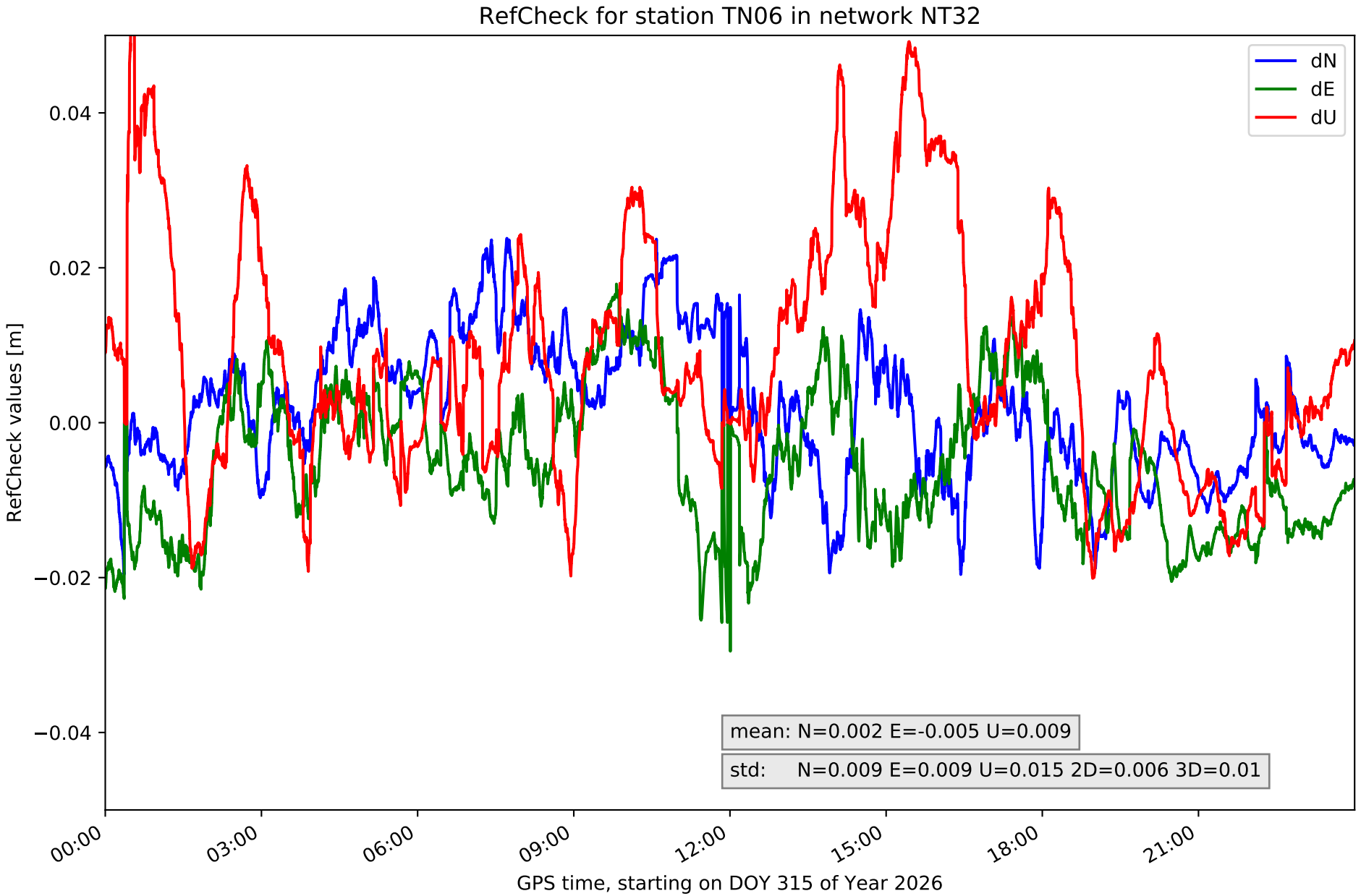

RefCheck for station LPAL in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.006 E=0.009 U=0.008
std: N=0.008 E=0.007 U=0.017 2D=0.007 3D=0.011
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

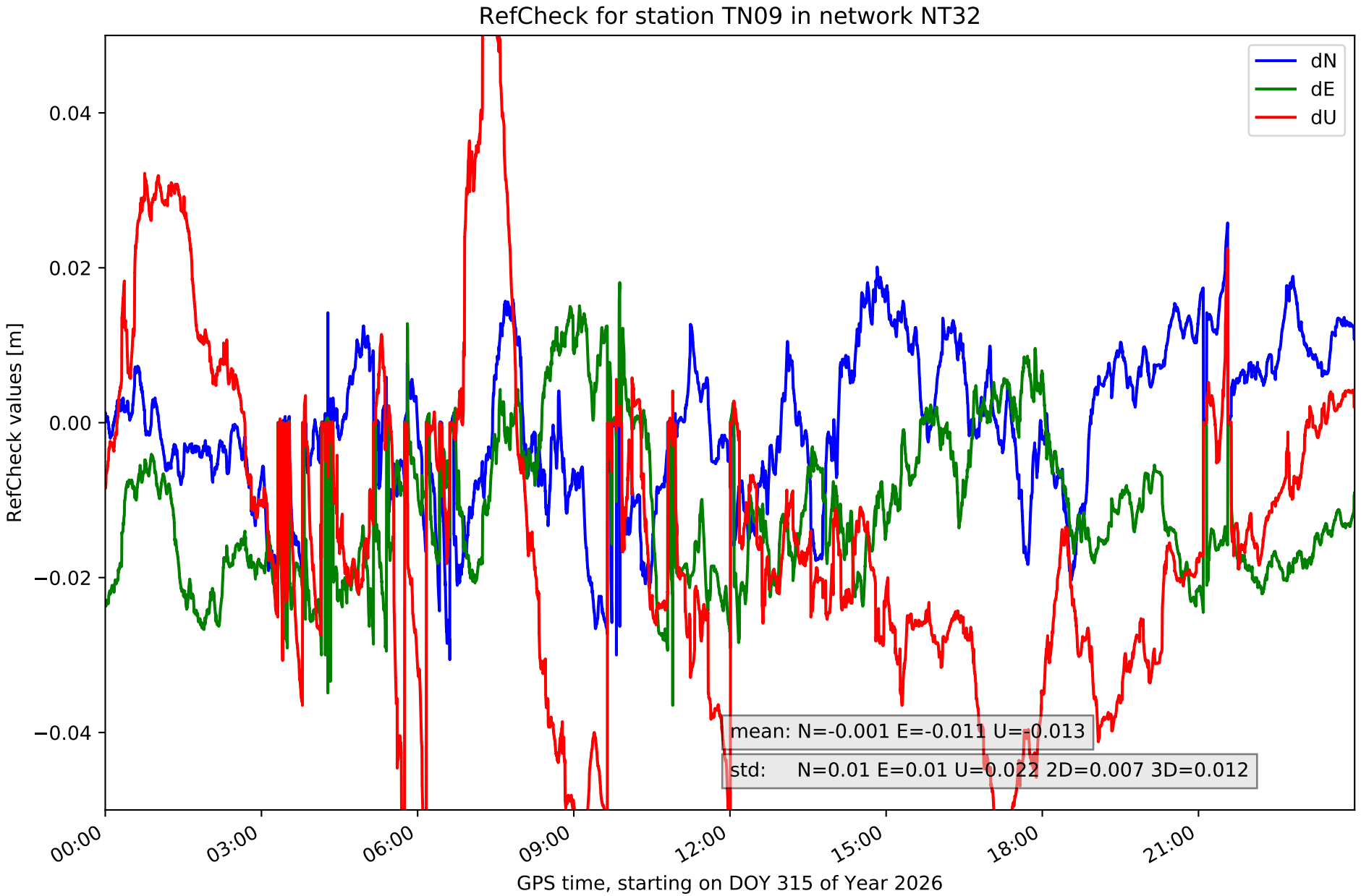

RefCheck for station LRES in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.006 E=0.015 U=-0.003
std: N=0.006 E=0.008 U=0.012 2D=0.008 3D=0.01
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026

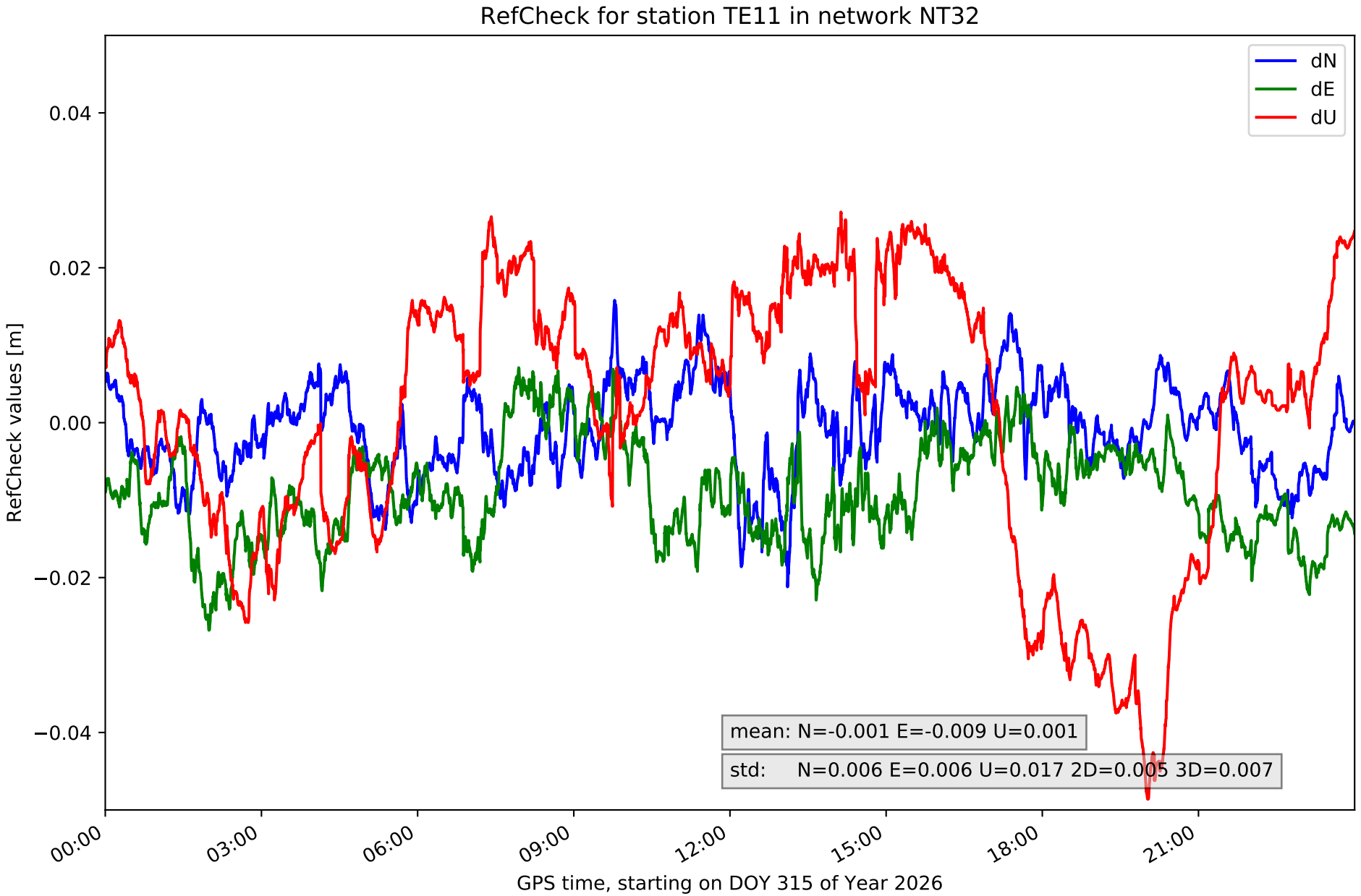

RefCheck for station TN01 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.005 E=-0.008 U=0.001
std: N=0.009 E=0.011 U=0.02 2D=0.008 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 of Year 2026


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=-0.004 E=-0.008 U=0.014
std: N=0.009 E=0.01 U=0.014 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 315 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=-0.001 E=-0.009 U=0.002
std: N=0.009 E=0.009 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 315 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=0.002 E=-0.005 U=0.009
std: N=0.009 E=0.009 U=0.015 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 315 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=-0.001 E=-0.011 U=-0.013
std: N=0.01 E=0.01 U=0.022 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 315 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=-0.009 U=0.001
std: N=0.006 E=0.006 U=0.017 2D=0.005 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 315 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	-0.022	0.029	0.009	-0.032	0.038	0.01	-0.049	**0.079**	0.017	0.007	0.011	41203	62.6	30999	47.1
EH02	-0.006	**0.043**	0.009	-0.032	0.029	0.009	**-0.062**	0.046	0.016	**0.01**	**0.015**	46277	70.3	35581	54.1
GOM1	-0.033	0.036	0.009	-0.037	0.024	0.01	-0.041	0.053	0.021	0.008	0.013	42546	64.6	43372	65.9
GOME	-0.023	0.021	0.008	-0.023	0.03	0.01	-0.045	0.06	**0.022**	0.006	0.012	40921	62.2	38105	57.9
IZAN	-0.037	0.025	**0.01**	-0.032	0.029	0.009	-0.049	0.056	0.018	0.008	0.013	38292	58.2	32261	49.0
LP01	-0.039	0.015	0.008	-0.022	0.034	0.01	-0.06	0.06	0.017	0.009	0.013	50945	77.4	43939	66.7
LP03	-0.027	0.012	0.006	-0.015	0.031	0.007	-0.053	0.035	0.016	0.005	0.009	22850	34.7	21110	32.1
LPAL	-0.027	0.015	0.008	-0.006	0.029	0.007	-0.06	0.06	0.017	0.007	0.011	44202	67.1	31366	47.6
LRES	-0.029	0.026	0.006	-0.003	**0.059**	0.008	-0.044	0.026	0.012	0.008	0.01	**55717**	**84.6**	37734	57.3
TN01	**-0.055**	0.041	0.009	**-0.042**	0.031	**0.011**	-0.053	0.05	0.02	0.008	0.012	47090	71.5	44759	68.0
TN02	-0.029	0.019	0.009	**-0.042**	0.026	0.01	-0.023	0.053	0.014	0.007	0.011	50556	76.8	38637	58.7
TN03	-0.027	0.024	0.009	-0.037	0.017	0.009	-0.043	0.049	0.02	0.007	0.012	43258	65.7	36137	54.9
TN06	-0.02	0.024	0.009	-0.029	0.018	0.009	-0.02	0.054	0.015	0.006	0.01	42497	64.6	29622	45.0
TN09	-0.031	0.026	**0.01**	-0.036	0.018	0.01	-0.06	0.055	**0.022**	0.007	0.012	49624	75.4	**53582**	**81.4**
TE11	-0.021	0.016	0.006	-0.027	0.007	0.006	-0.049	0.027	0.017	0.005	0.007	39643	60.2	31413	47.7
Mean	**-0.028**	**0.025**	**0.008**	**-0.028**	**0.028**	**0.009**	**-0.047**	**0.051**	**0.018**	**0.007**	**0.011**	**43708.1**	**66.4**	**36574.5**	**55.6**
Min/Max	**-0.055**	**0.043**	**0.01**	**-0.042**	**0.059**	**0.011**	**-0.062**	**0.079**	**0.022**	**0.01**	**0.015**	**55717**	**84.6**	**53582**	**81.4**

fixing statistic for network NT32

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	72.8	79.2	66.6	76.8	64.2
considering satellites with dual-frequency fixed	58.7	63.1	48.4	62.9	55.8
considering all signals separately	59.9	63.6	48.4	63.4	55.8