summary for network NT32

timeperiod chosen: from 2026-11-01-00:00:00 until 2026-11-01-23:59:59

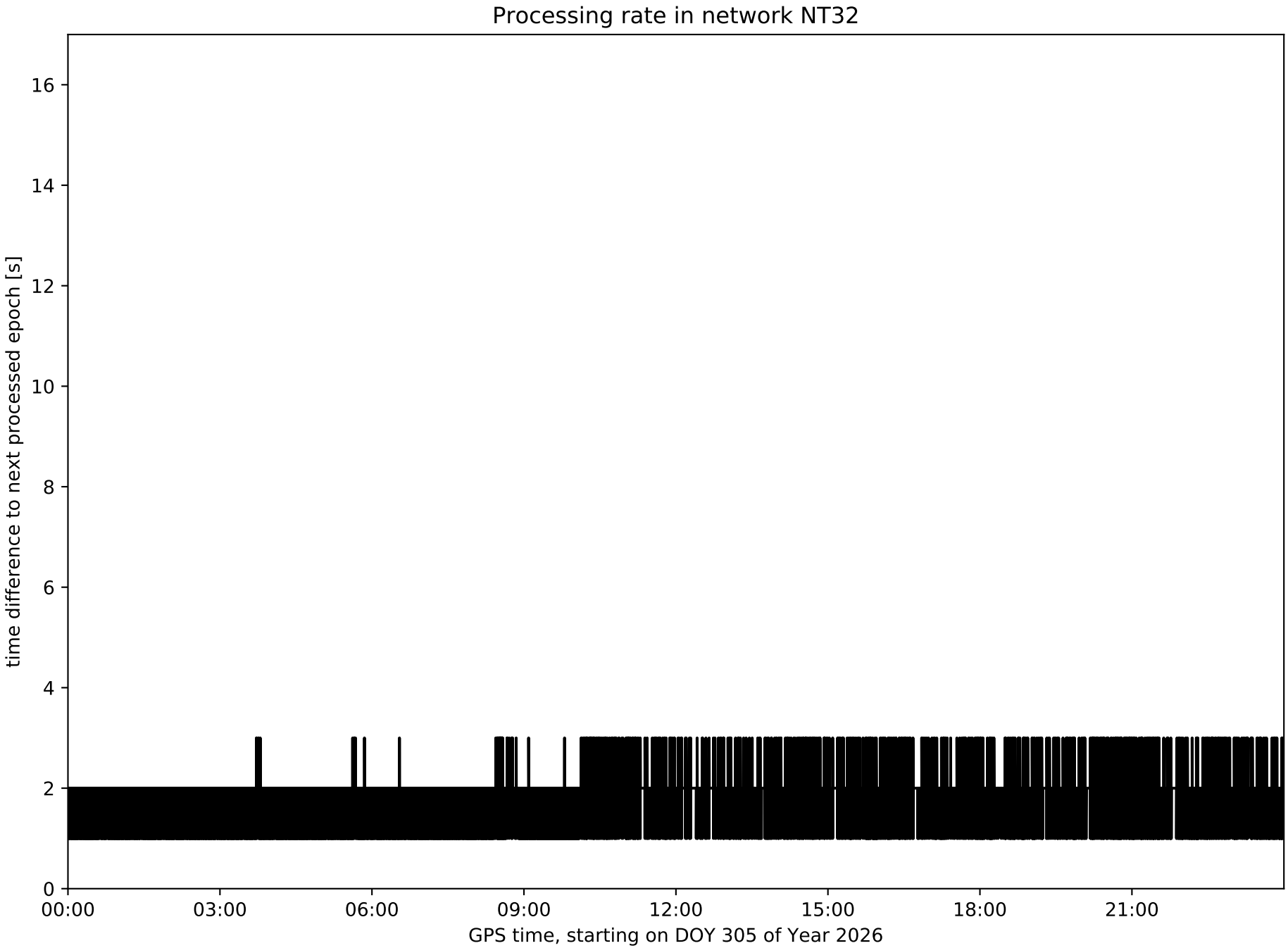
average update rate (durations larger than 15 seconds considered as observation gap): 1.5 seconds

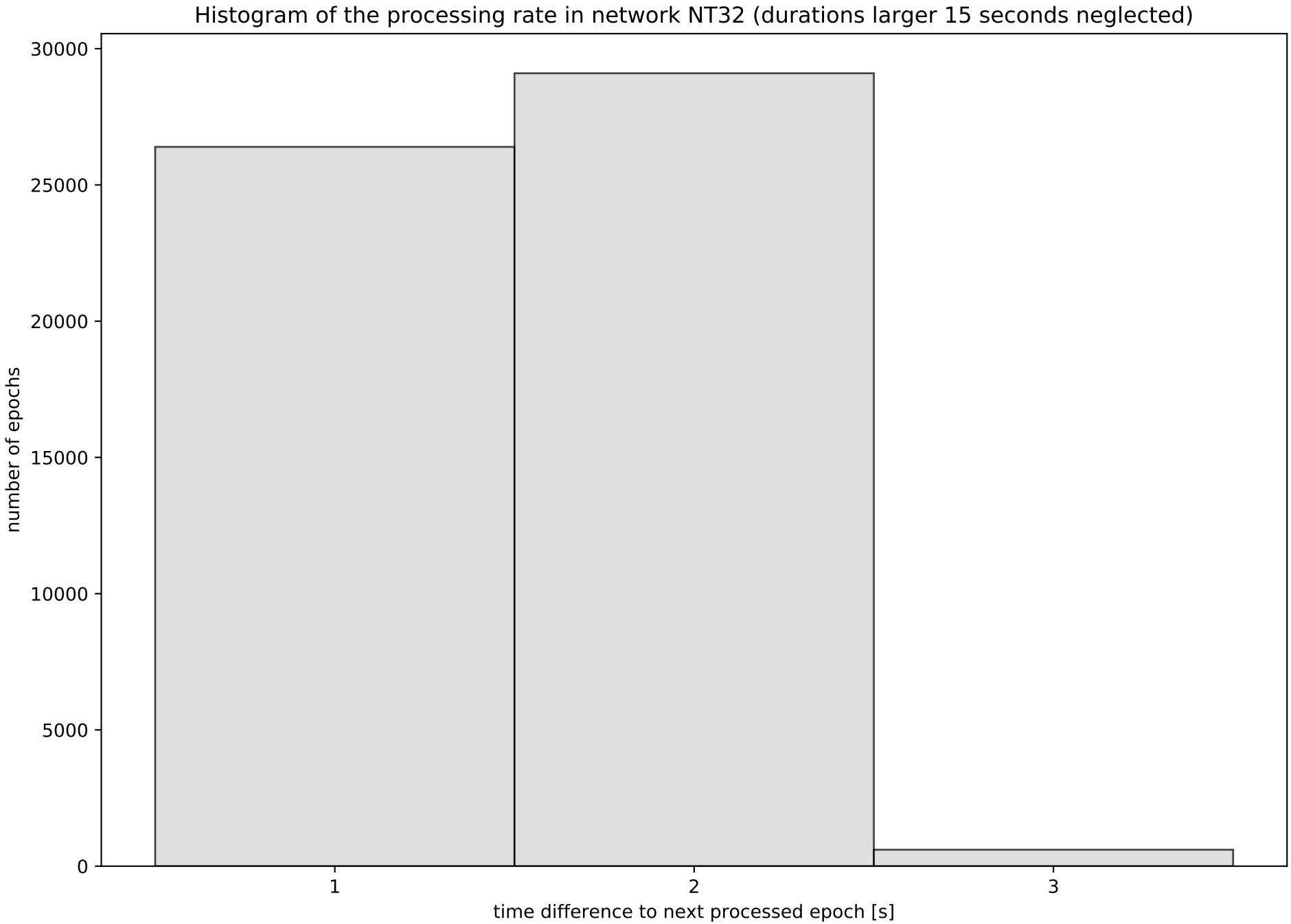
average fixing percentage with threshold set to 0.3: 93.9 percent

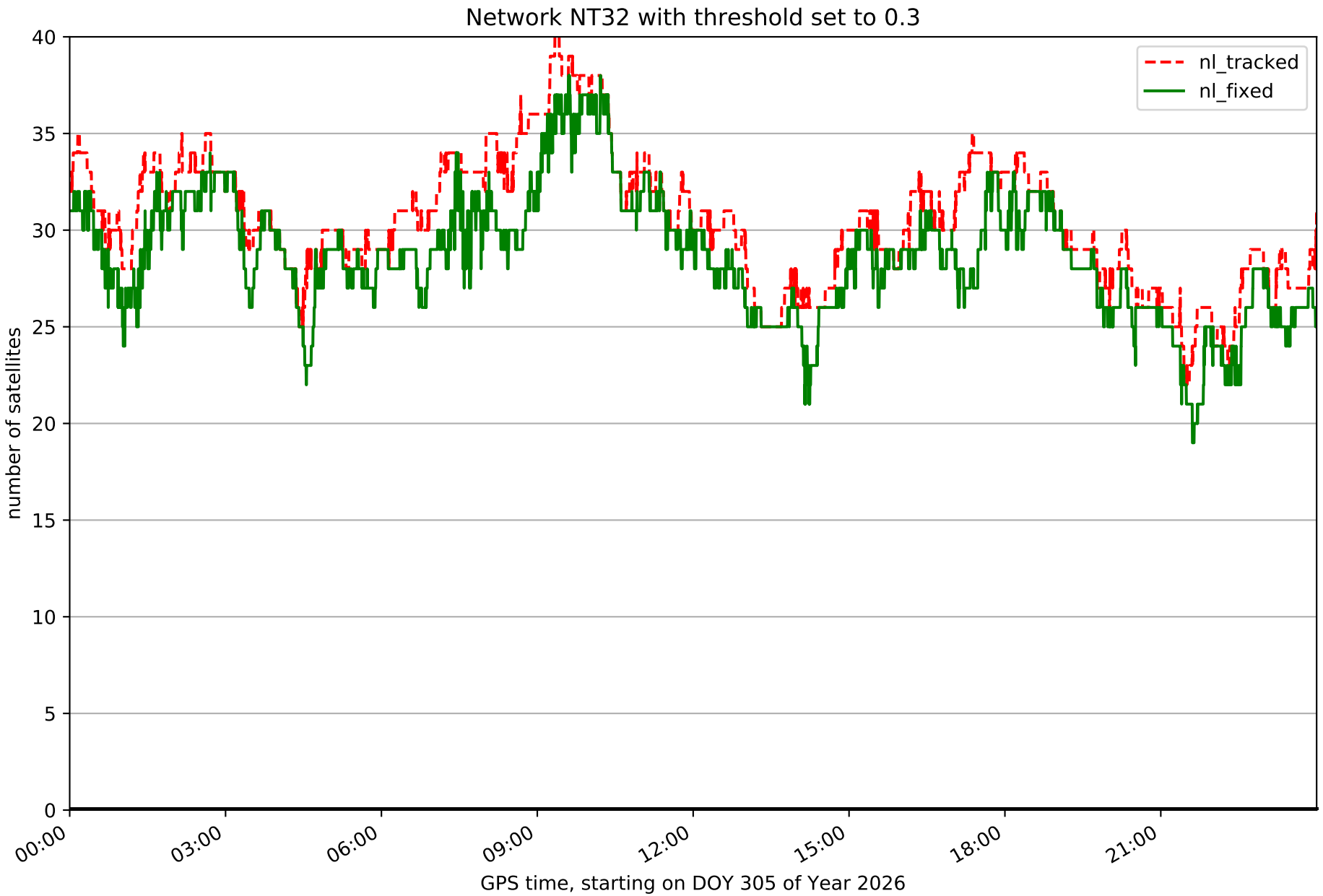
stations available: 15 of 15

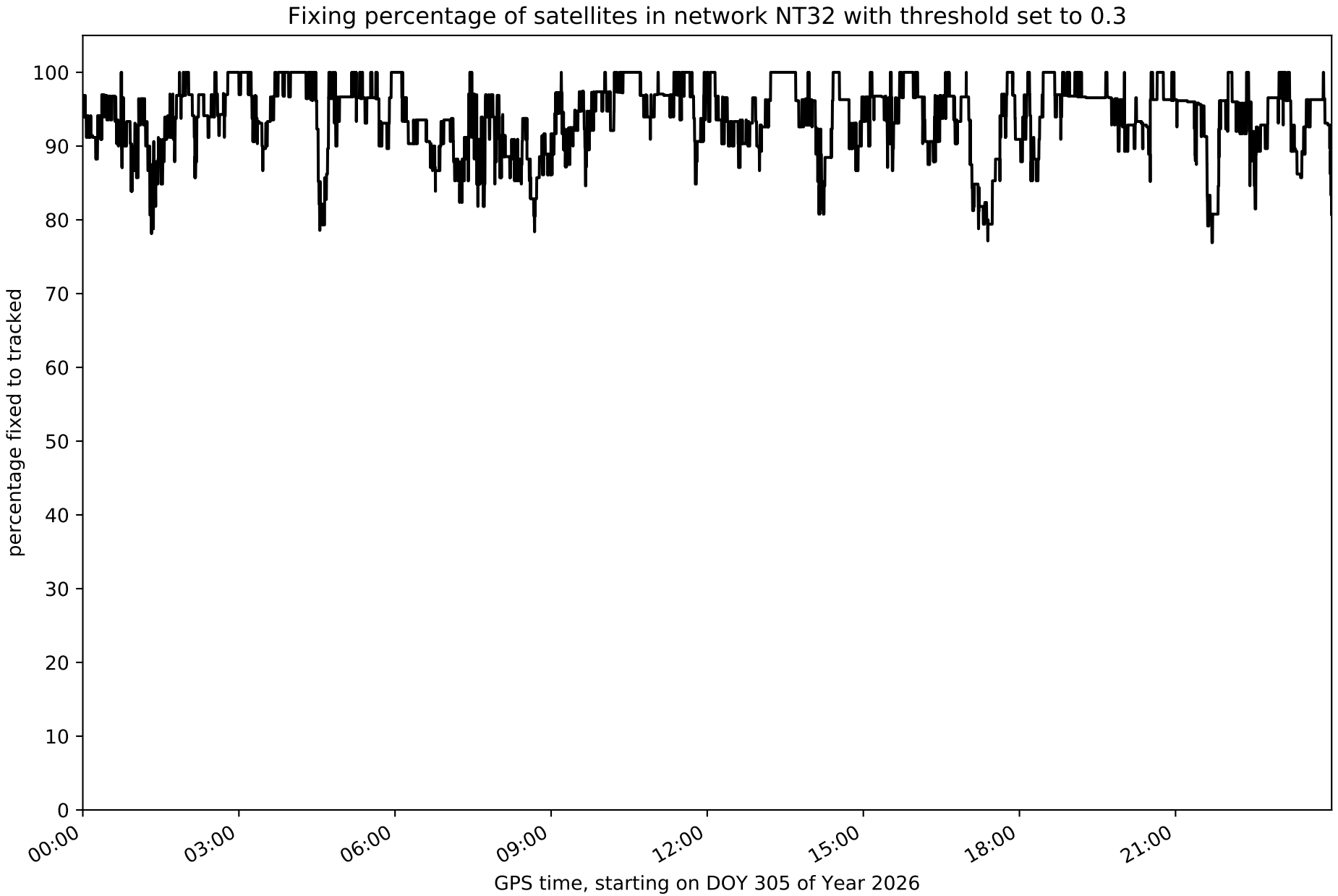
station information:

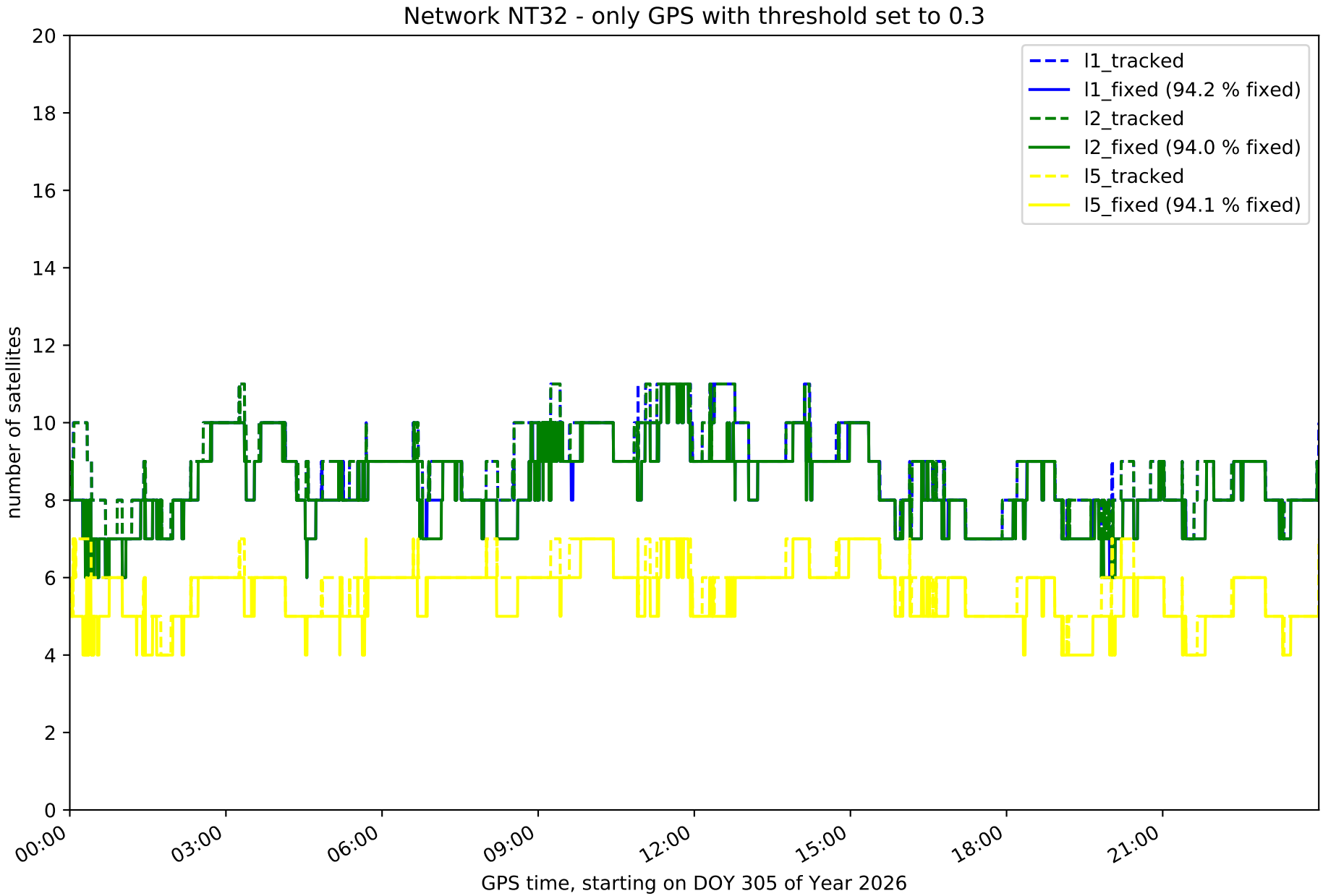
station EH01:	antenna: LEIAR20	LEIM	receiver: LEICA GR25	height: 801.016
station EH02:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 85.385
station GOM1:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 48.789
station GOME:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 114.977
station IZAN: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

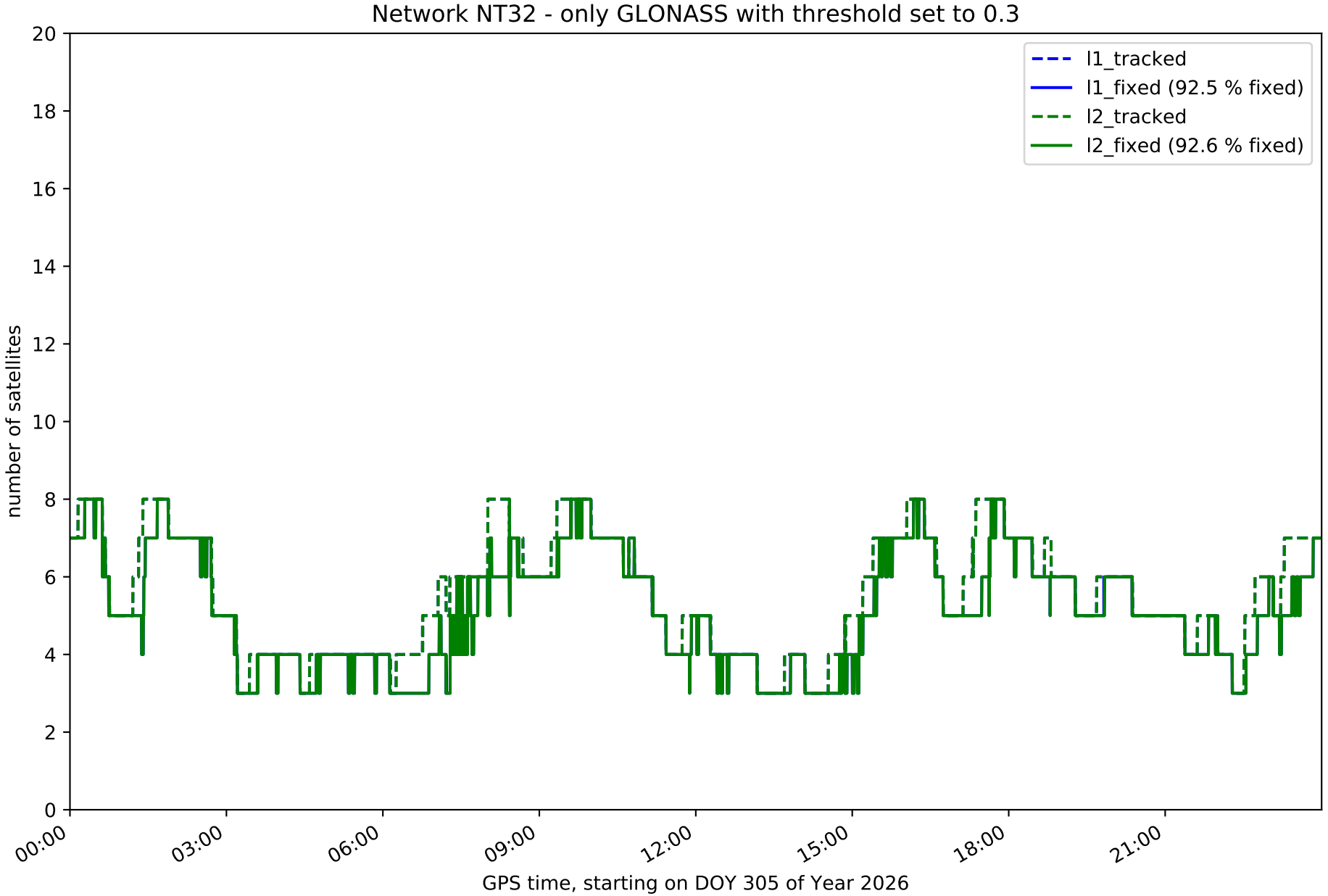

Processing rate in network NT32
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

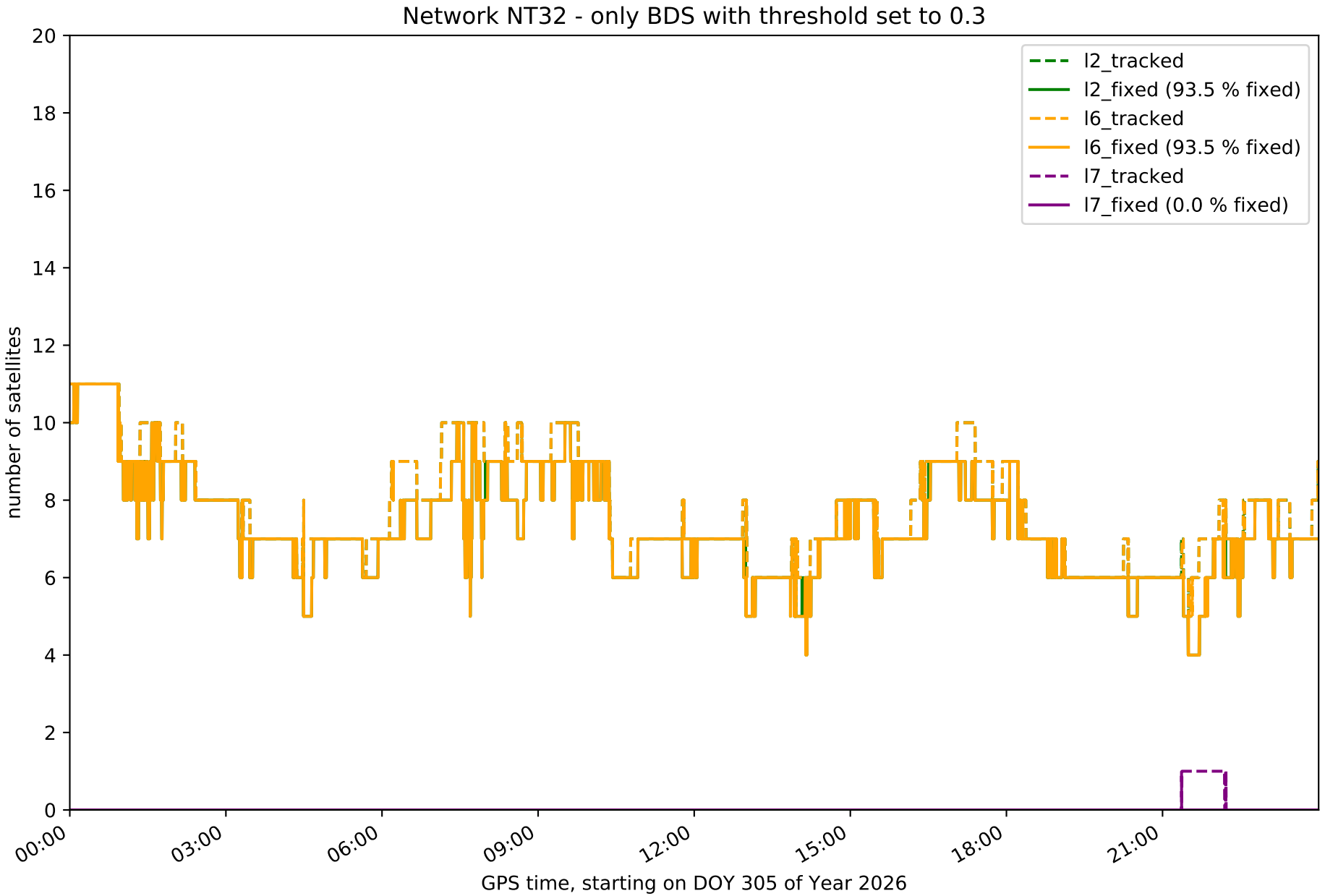

Histogram of the processing rate in network NT32 (durations larger 15 seconds neglected)
30000
25000
20000
15000
10000
5000
0
number of epochs
1
2
3
time difference to next processed epoch [s]

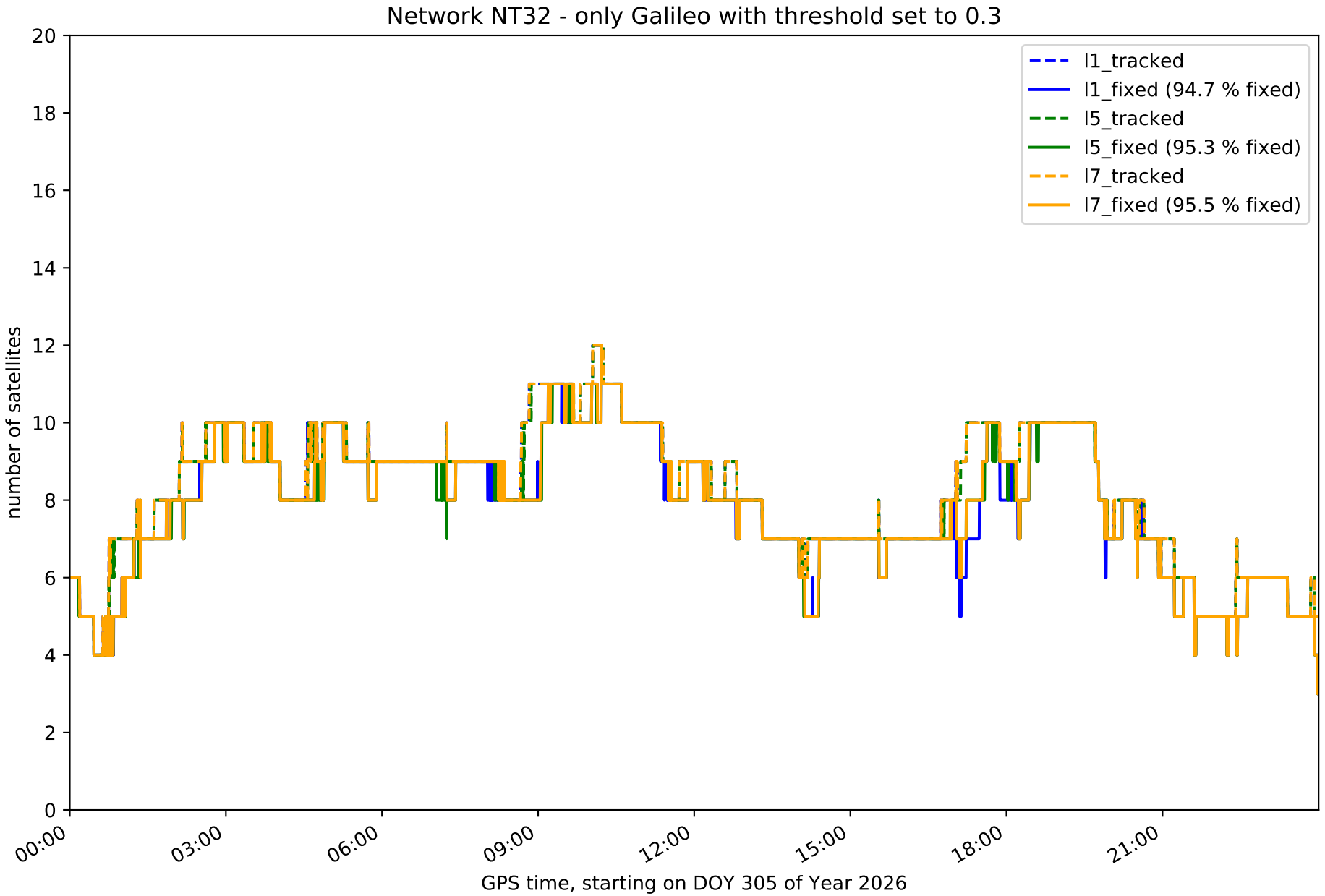

Network NT32 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

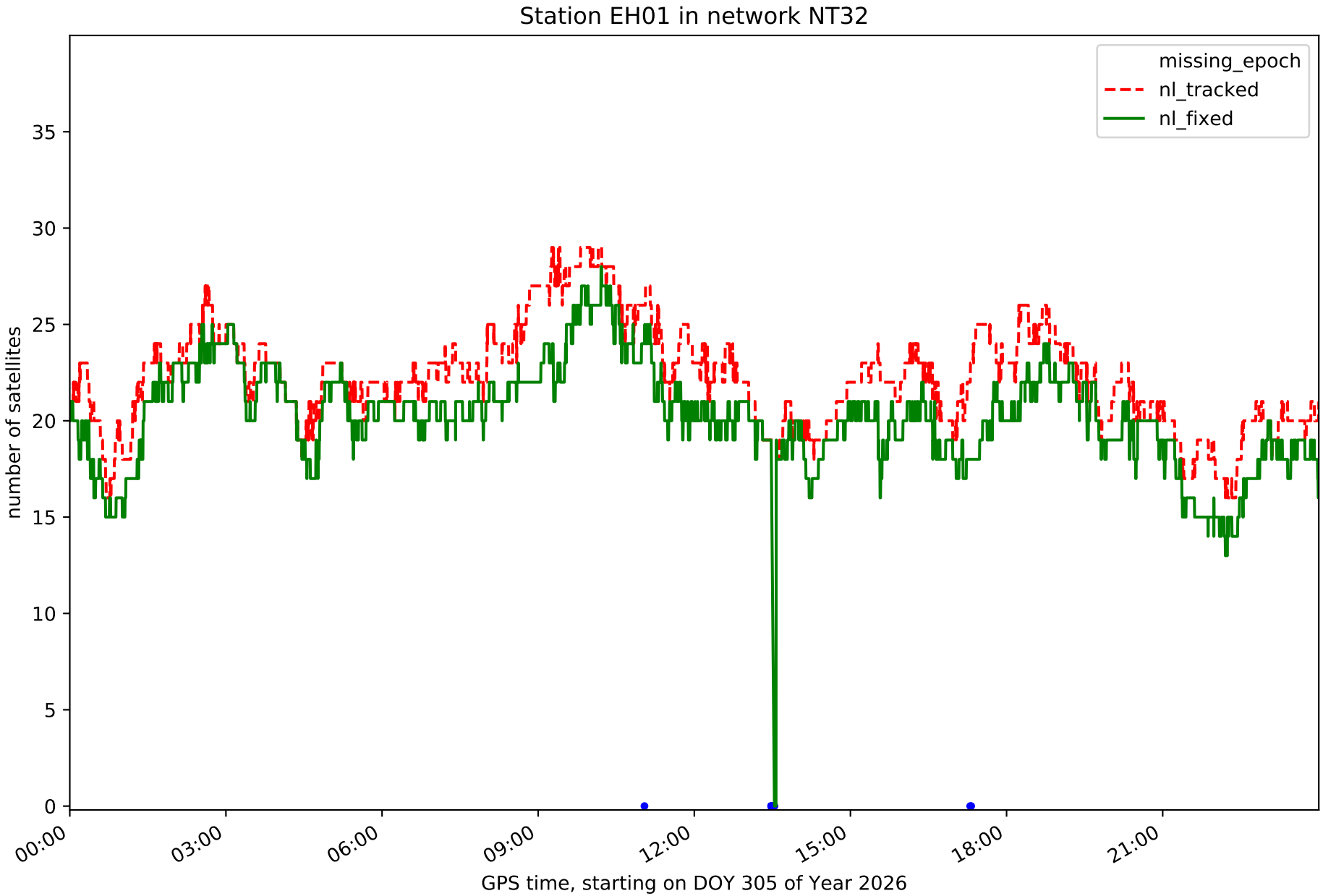

Fixing percentage of satellites in network NT32 with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

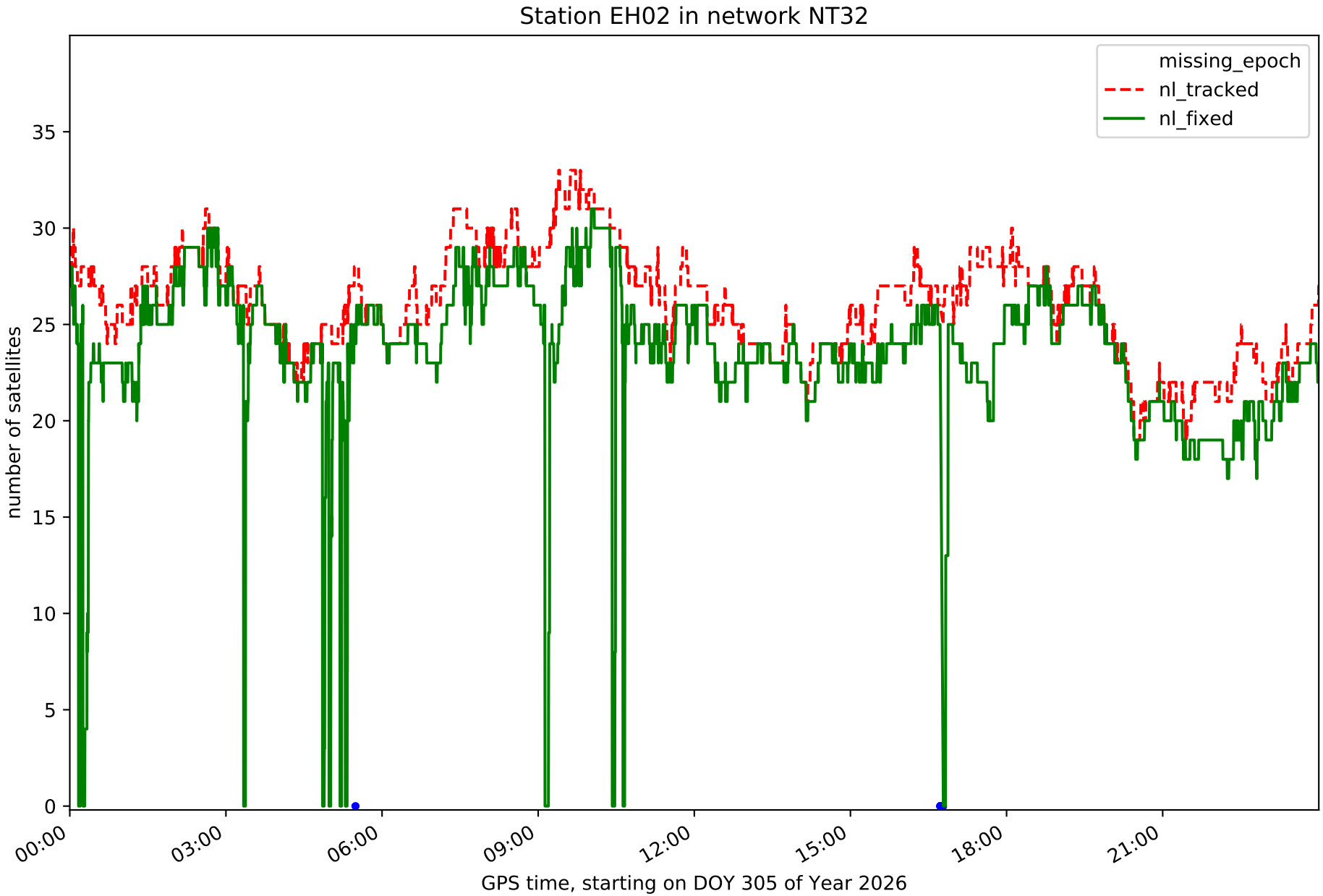

Network NT32 - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 305 of Year 2026
l1_tracked
l1_fixed (94.2 % fixed)
l2_tracked
l2_fixed (94.0 % fixed)
l5_tracked
l5_fixed (94.1 % fixed)
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00

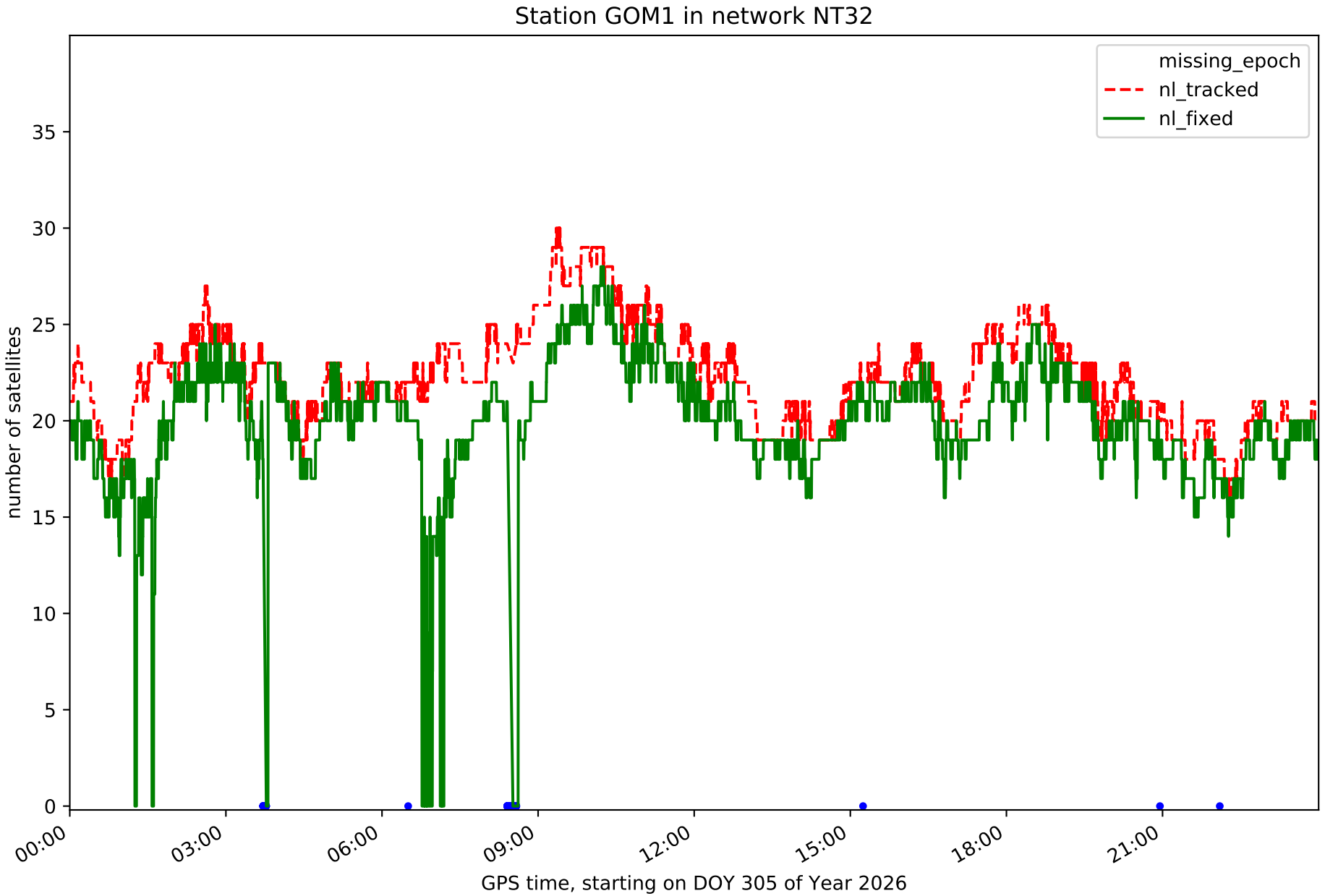

Network NT32 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (92.5 % fixed)
l2_tracked
l2_fixed (92.6 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

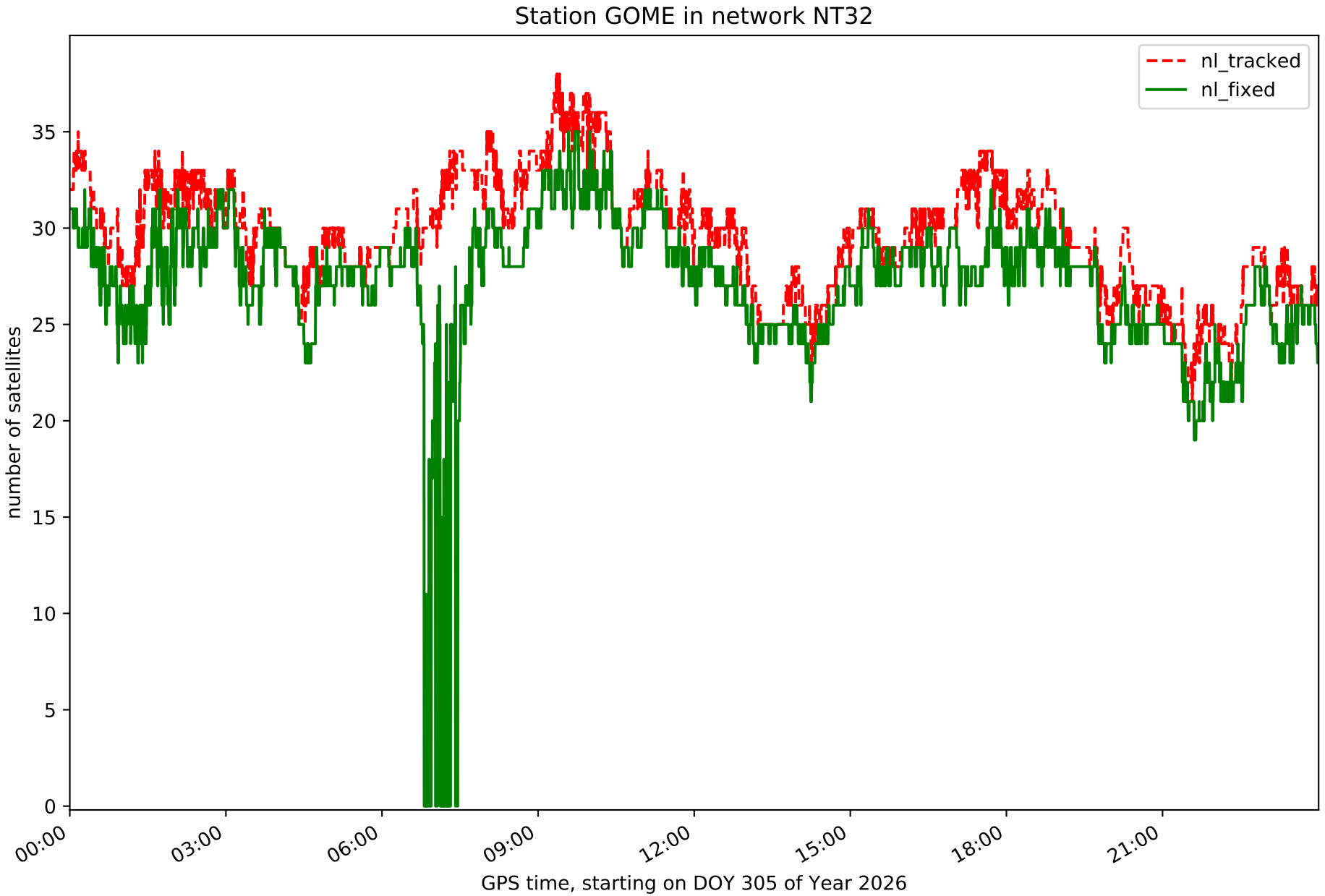

Network NT32 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 305 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (93.5 % fixed)
I6_tracked
I6_fixed (93.5 % fixed)
I7_tracked
I7_fixed (0.0 % fixed)

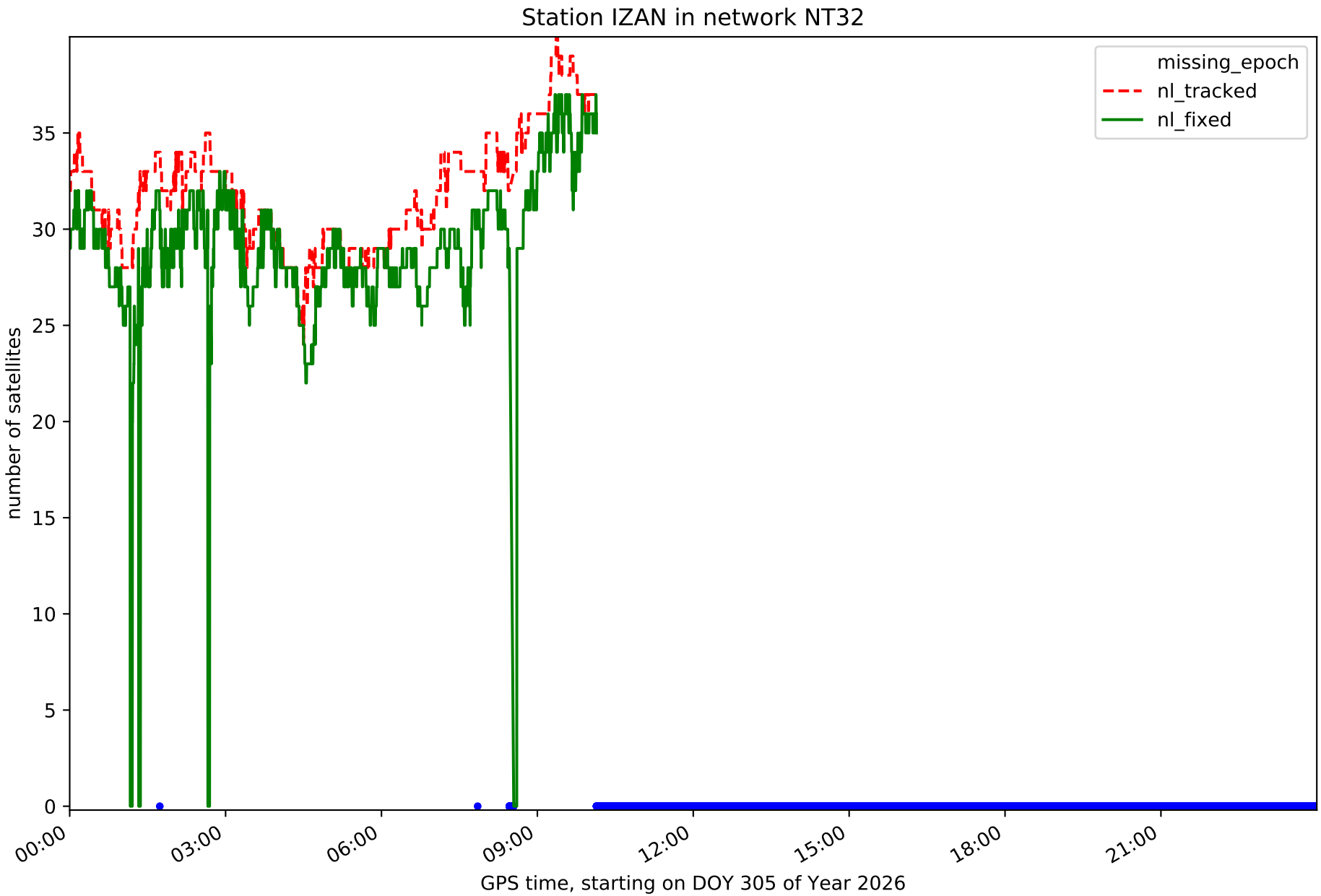

Network NT32 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 305 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (94.7 % fixed)
l5_tracked
l5_fixed (95.3 % fixed)
l7_tracked
l7_fixed (95.5 % fixed)

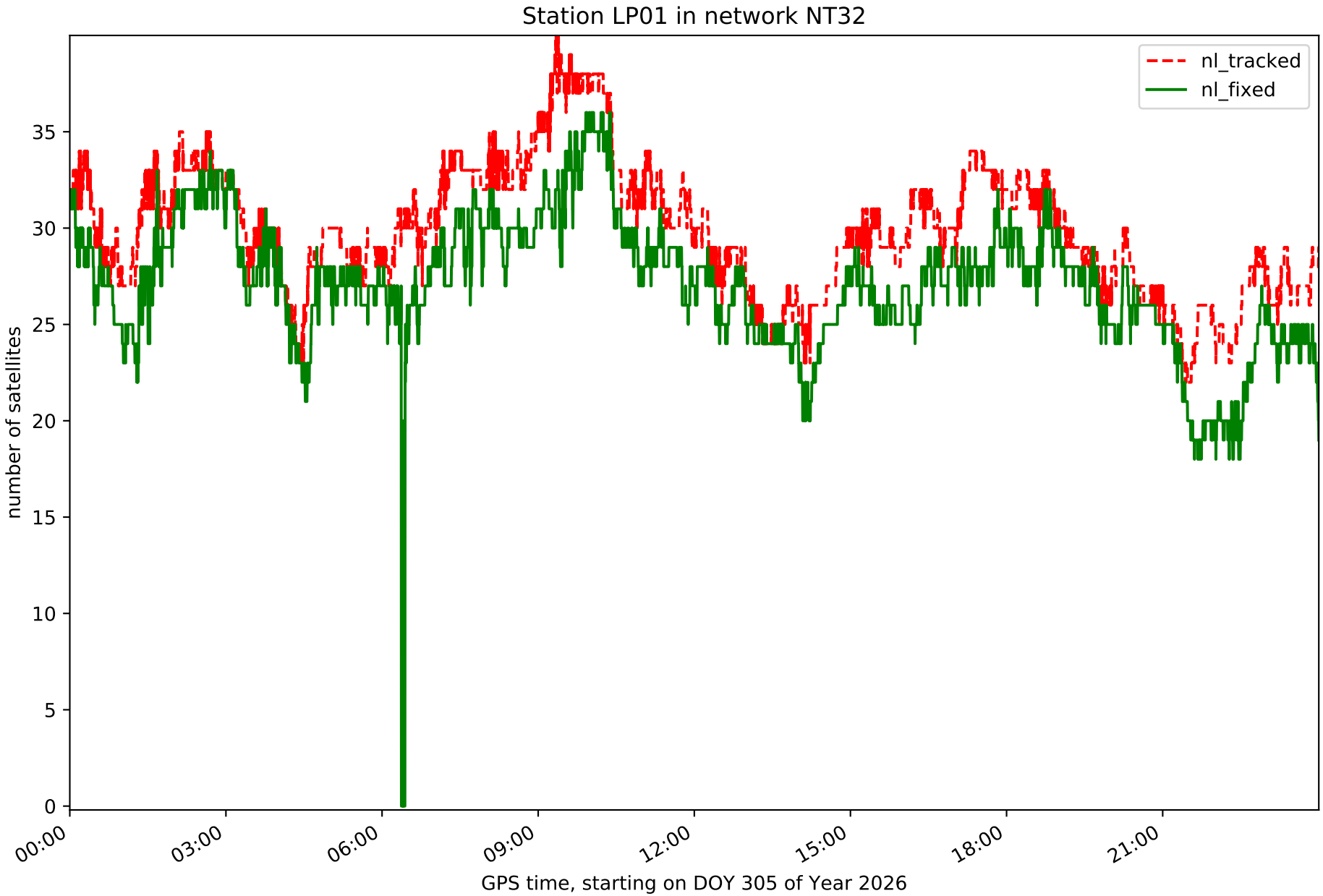

Station EH01 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

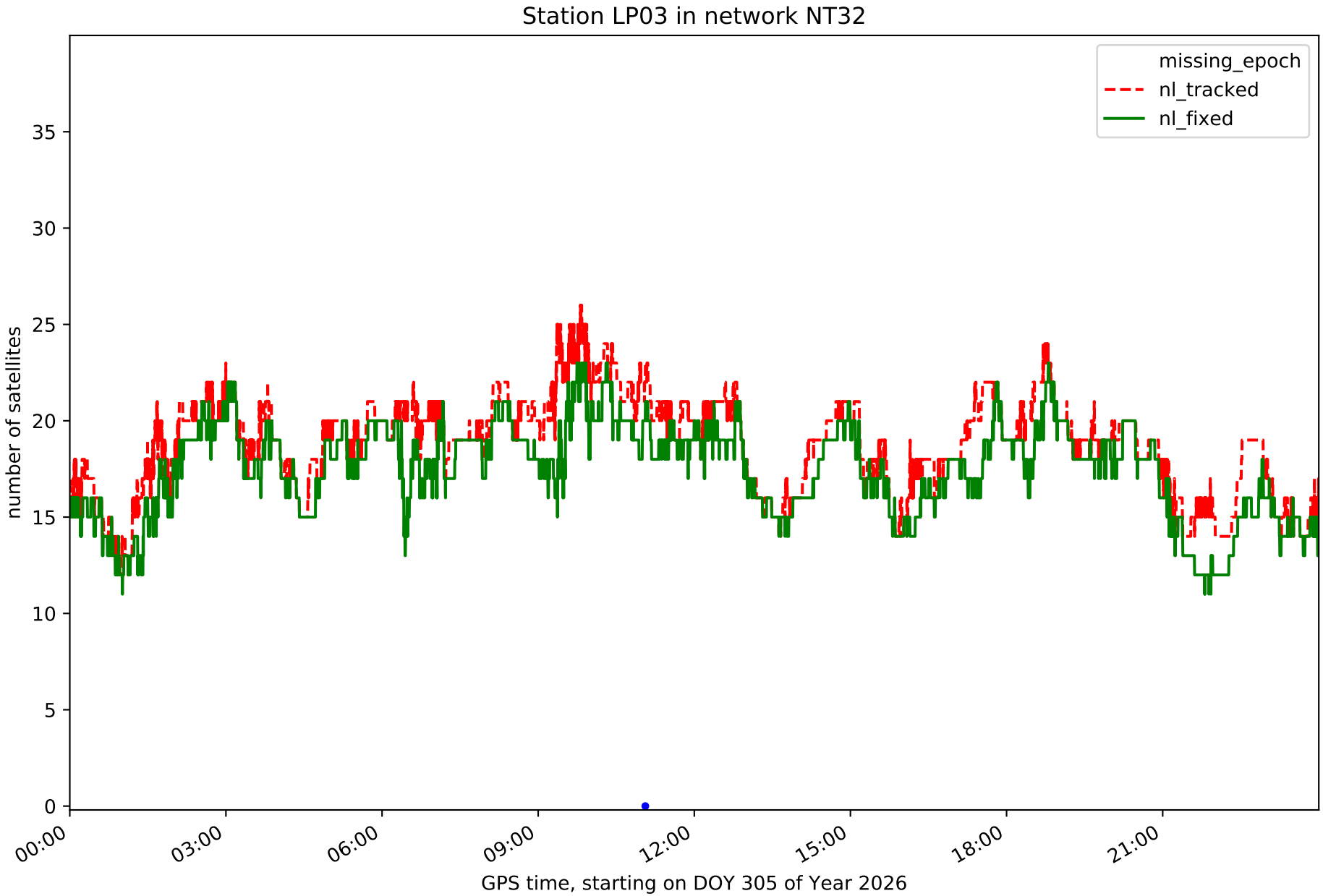

Station EH02 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

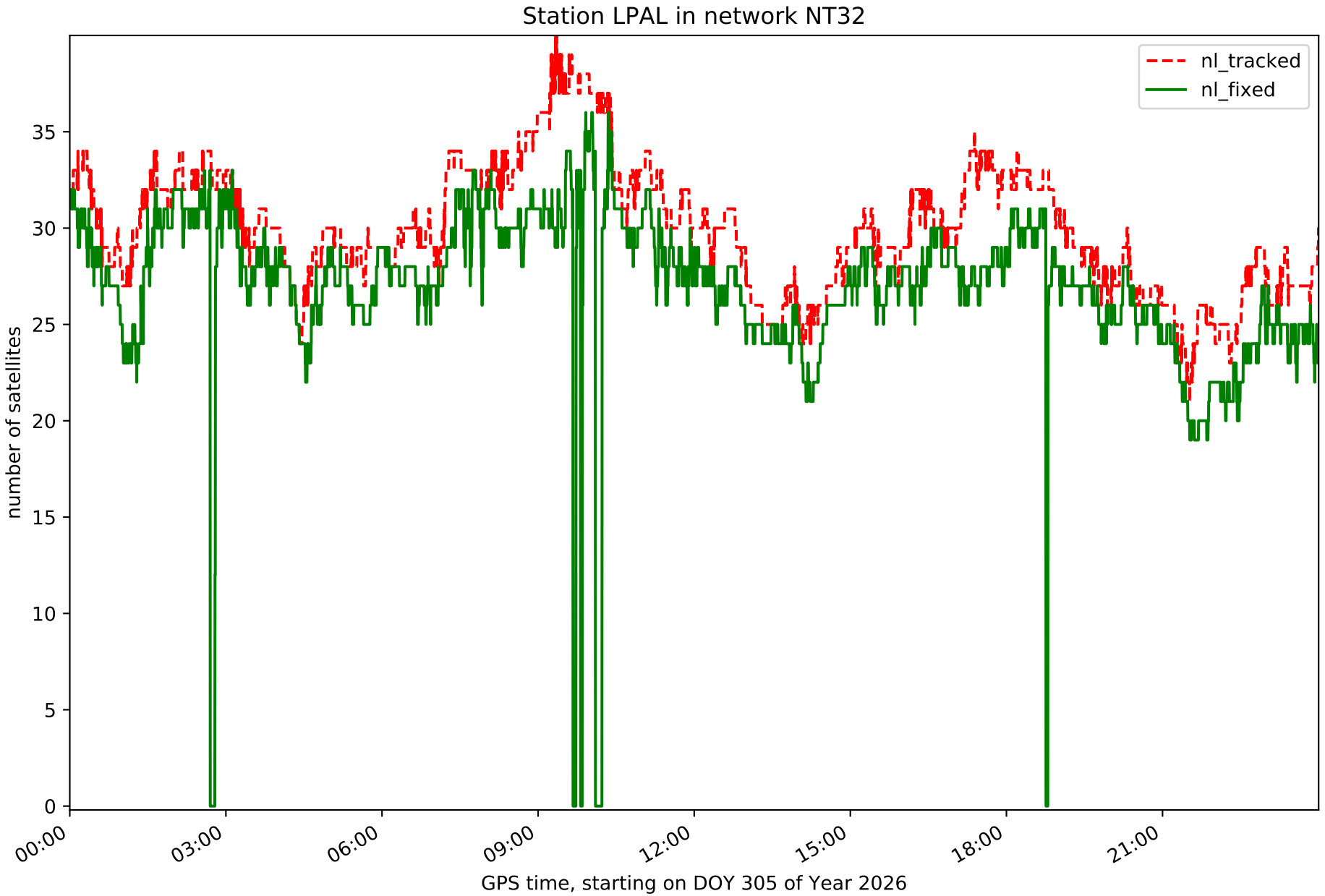

Station GOM1 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

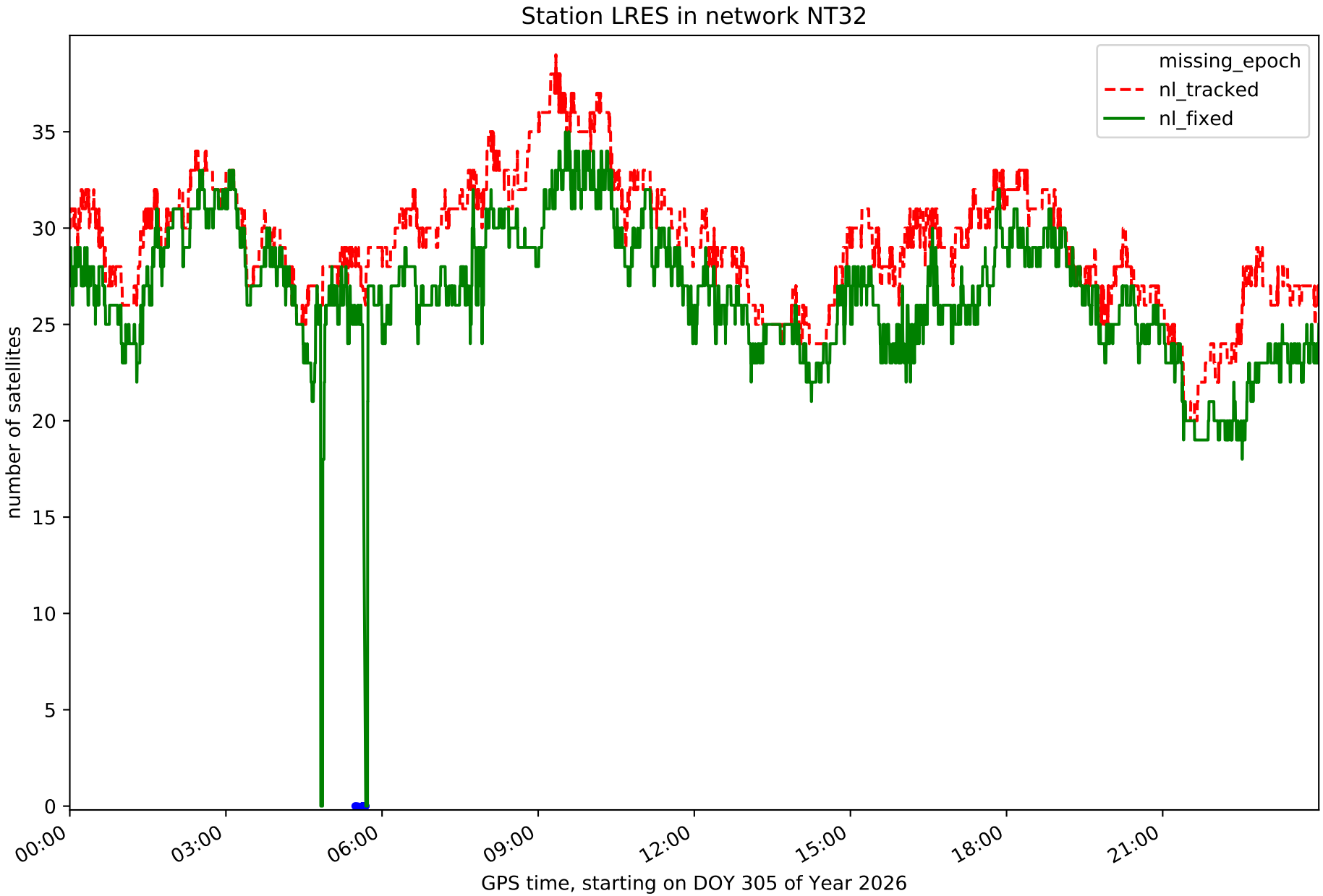

Station GOME in network NT32
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

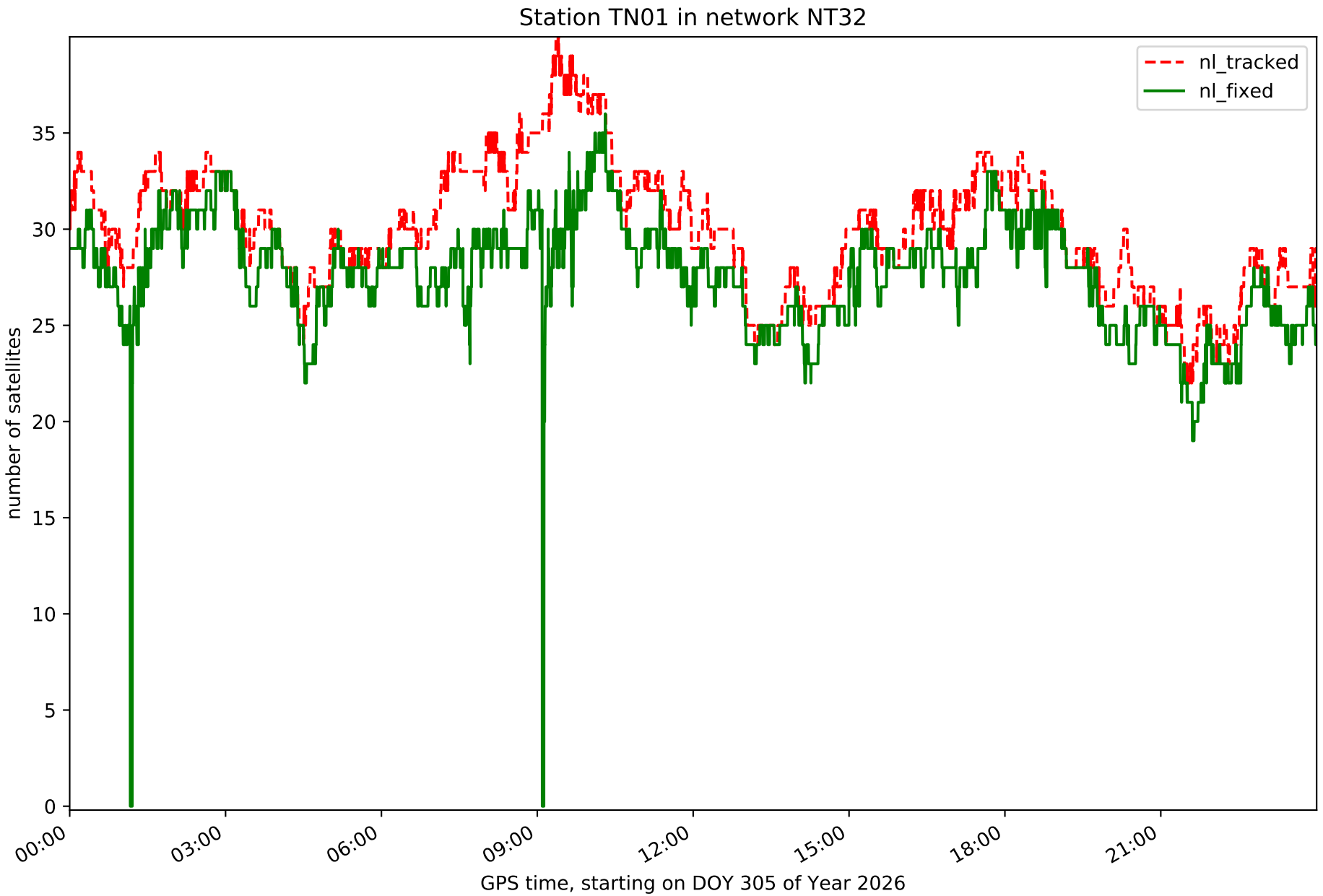

Station IZAN in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

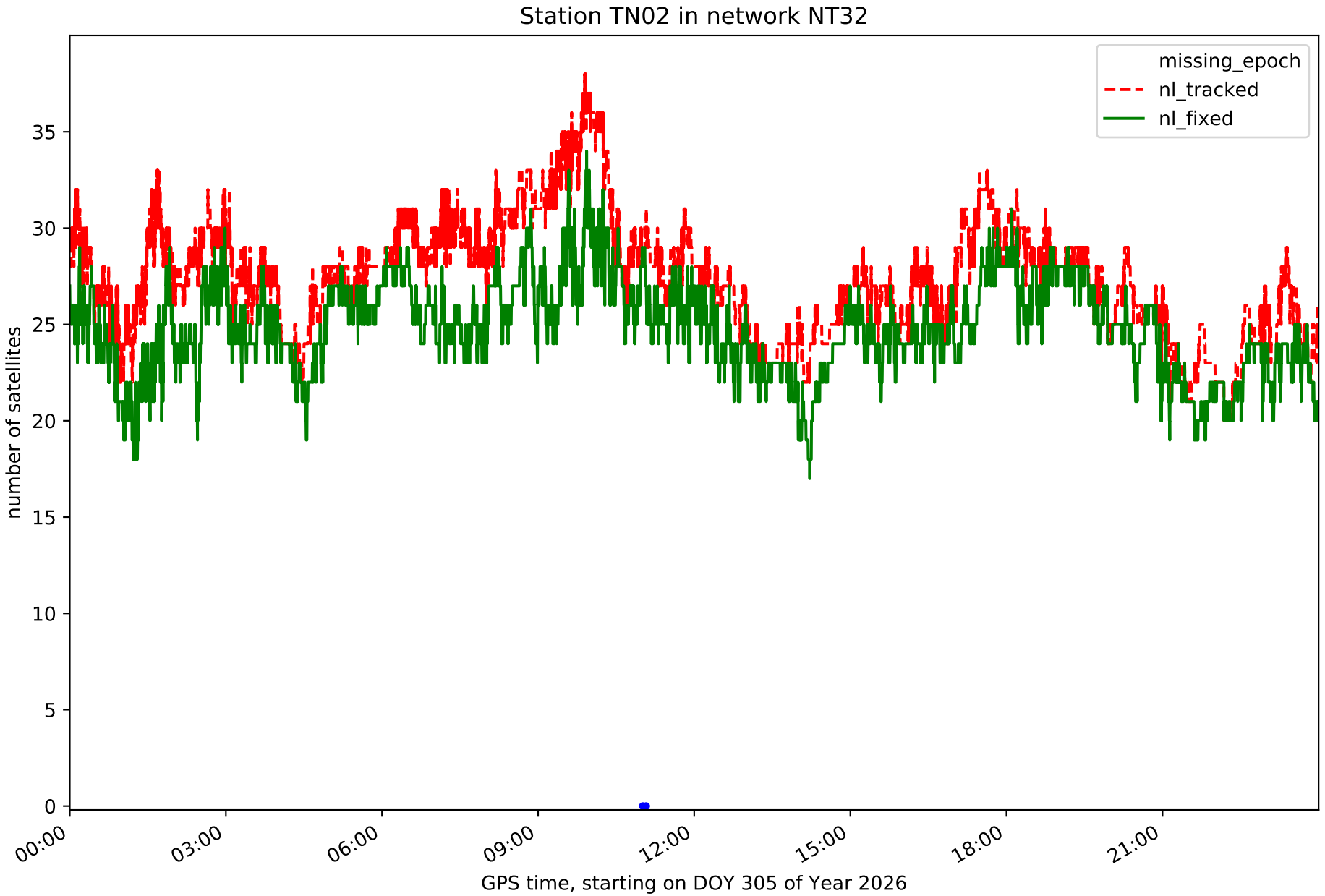

Station LP01 in network NT32
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

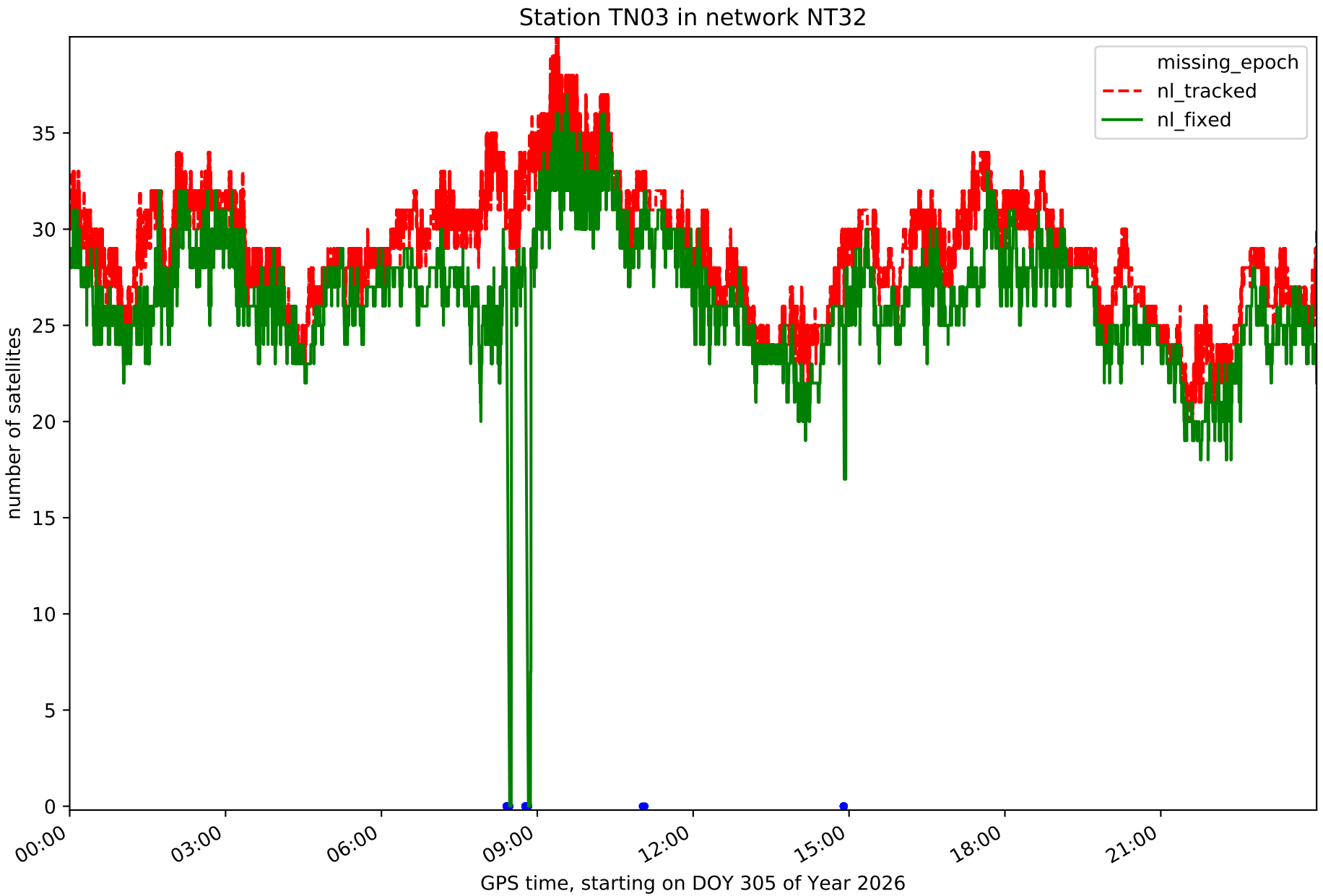

Station LP03 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

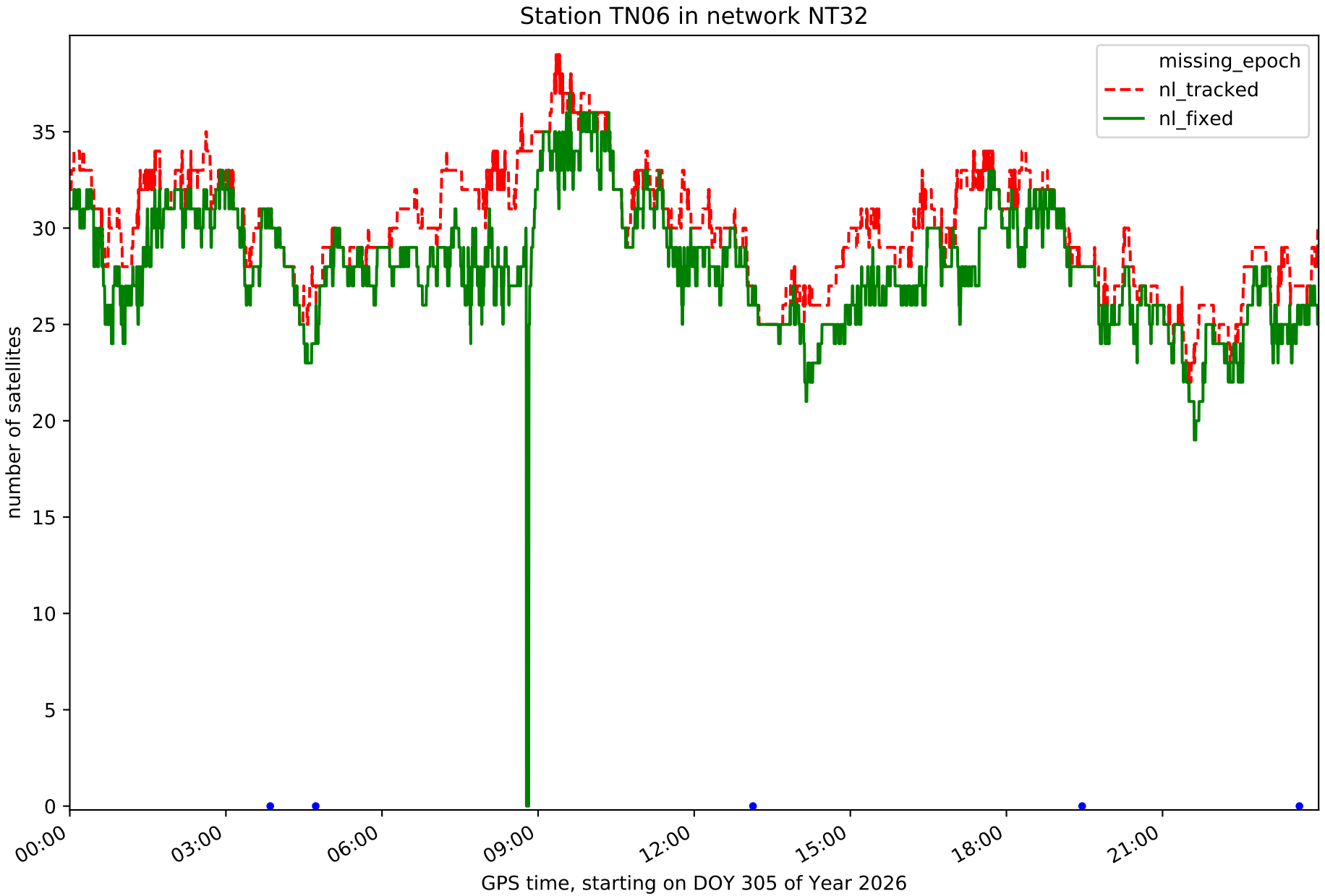

Station LPAL in network NT32
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

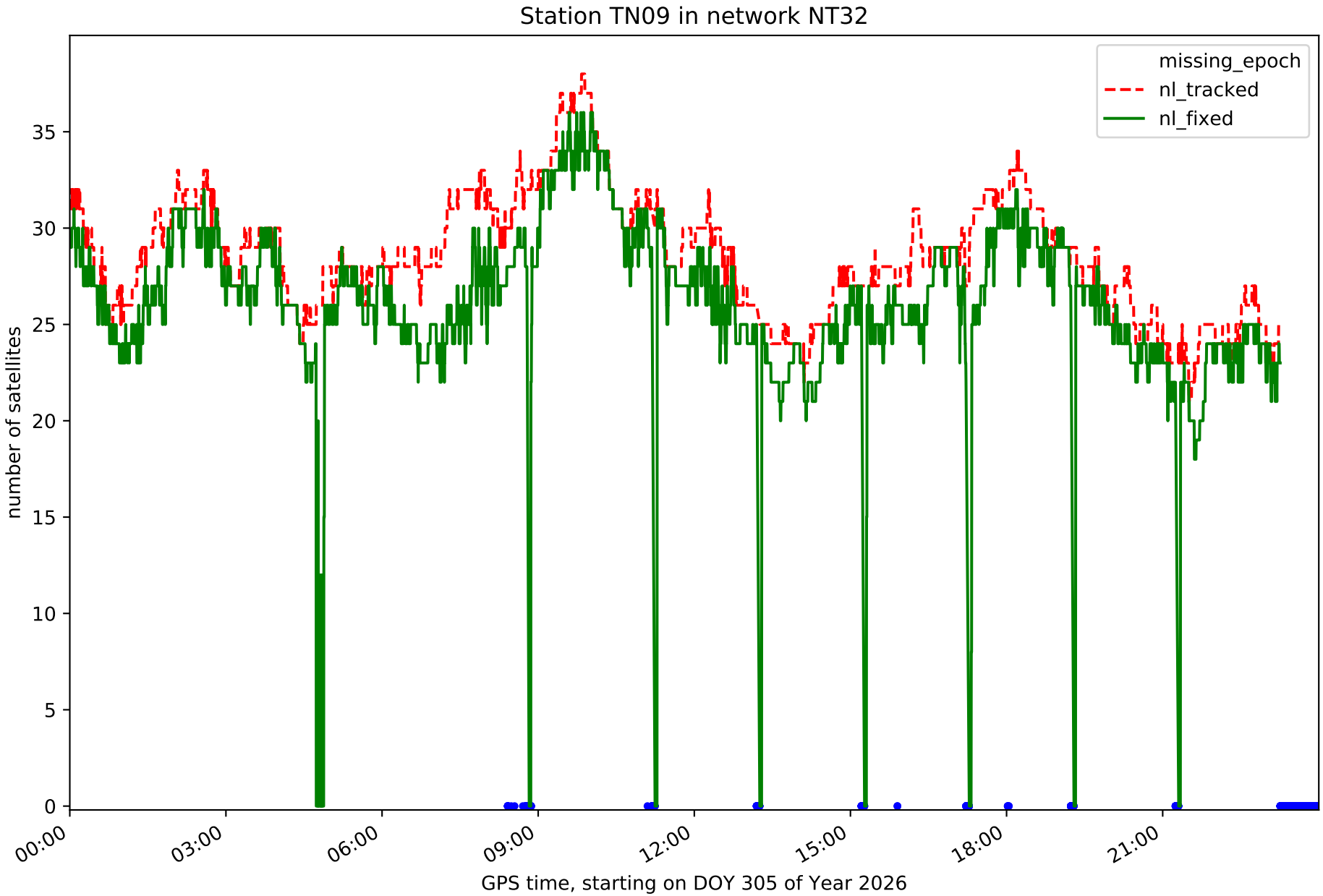

Station LRES in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

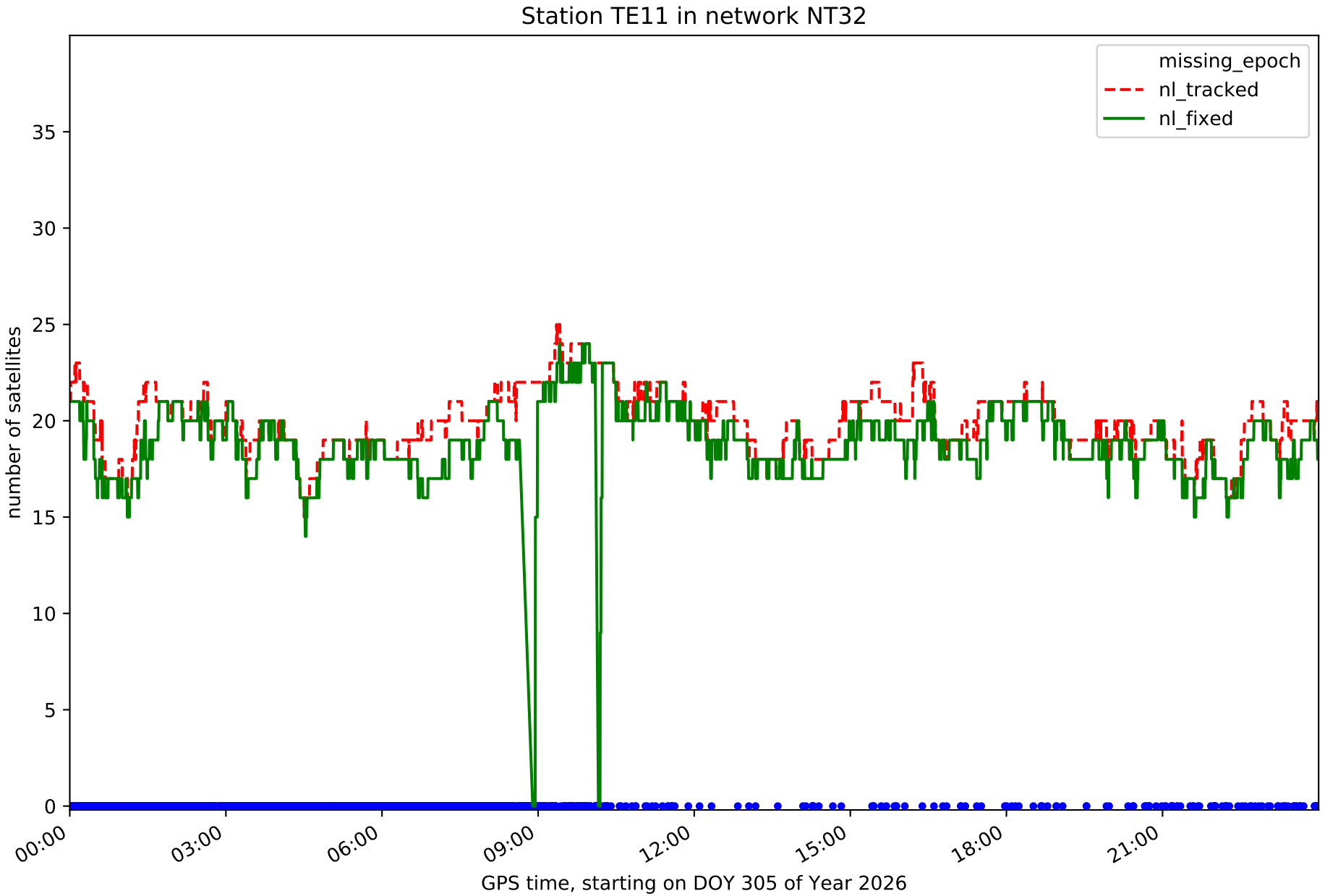

Station TN01 in network NT32
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

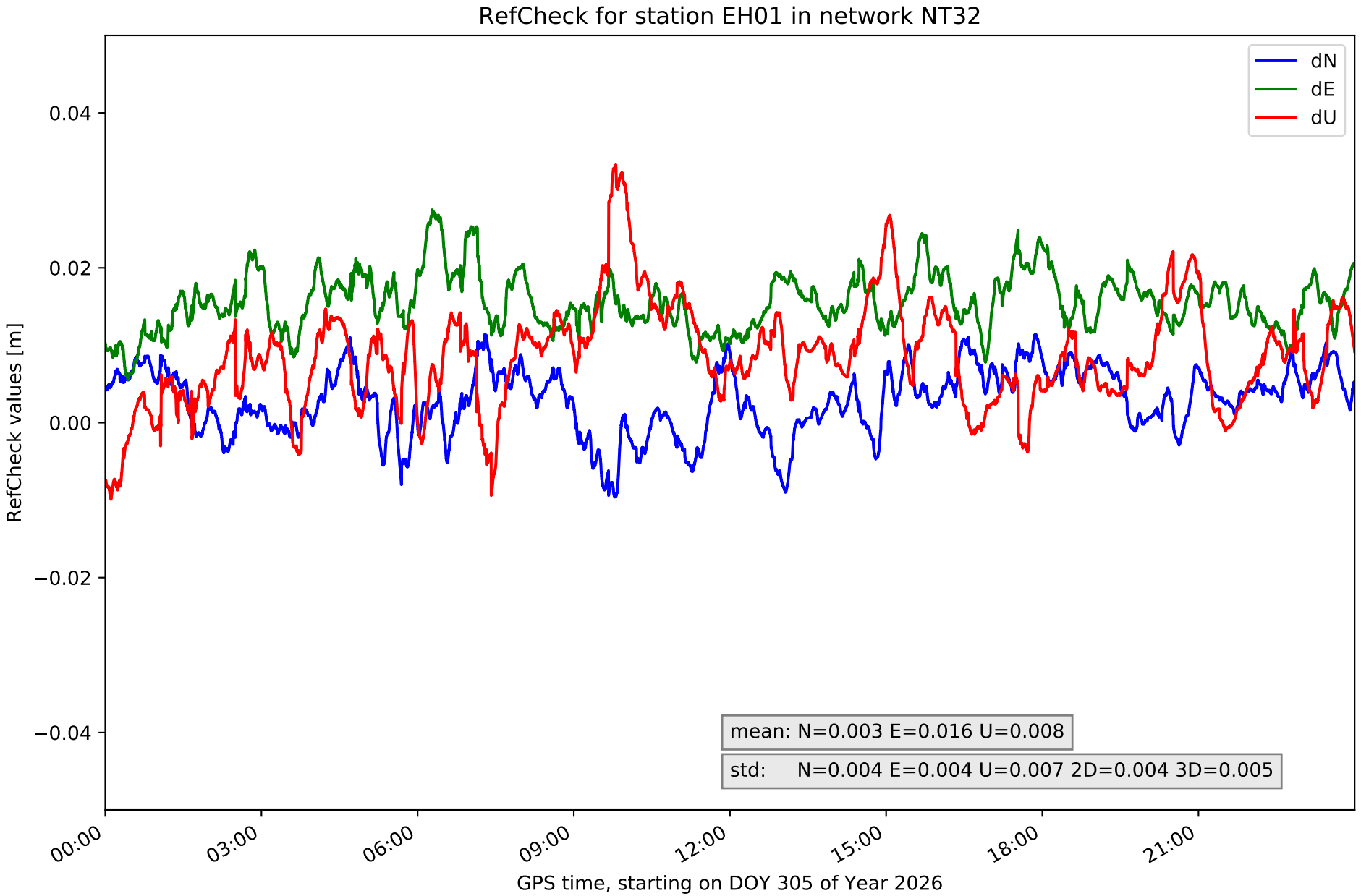

Station TN02 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

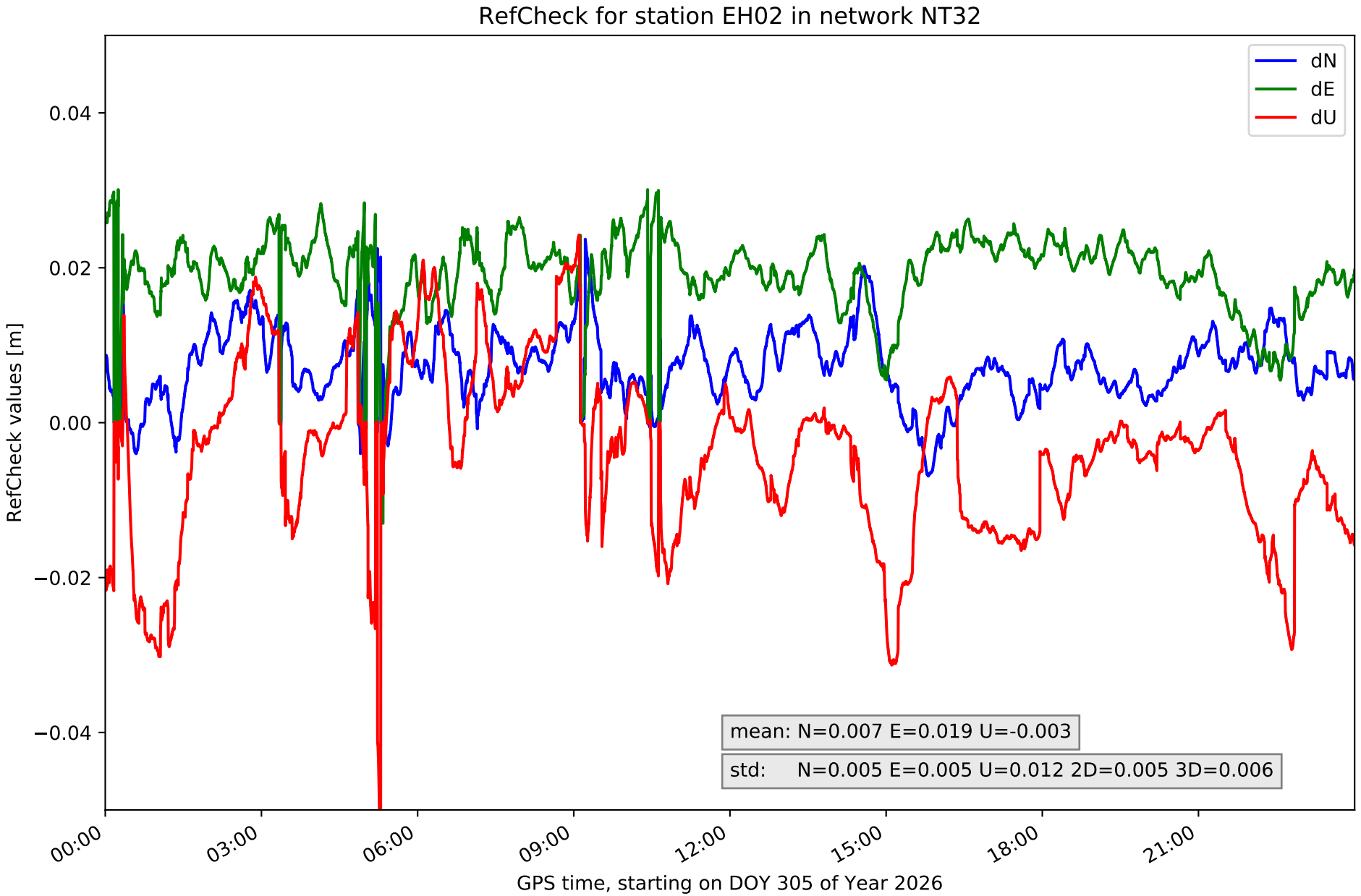

Station TN03 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

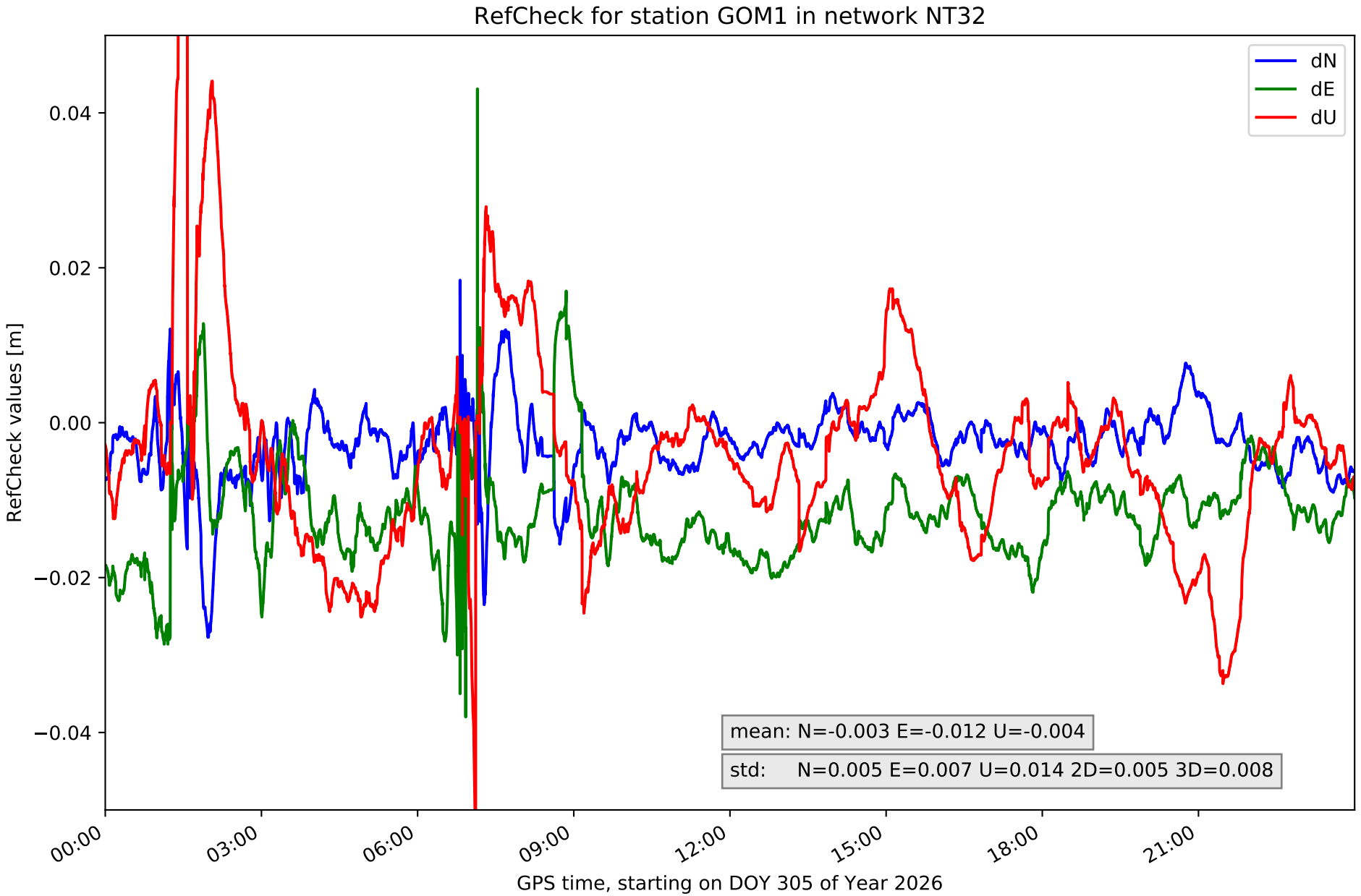

Station TN06 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

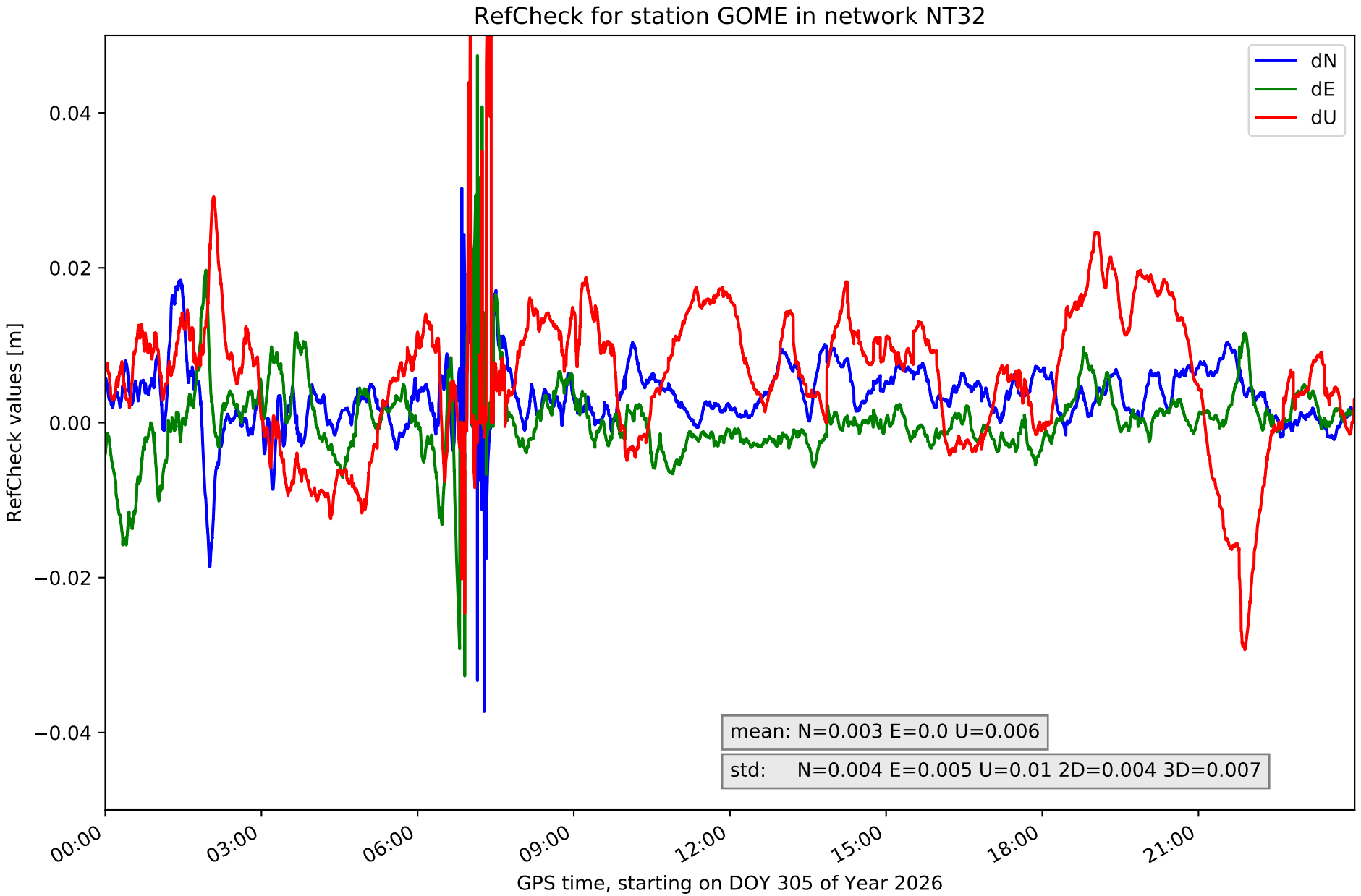

Station TN09 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

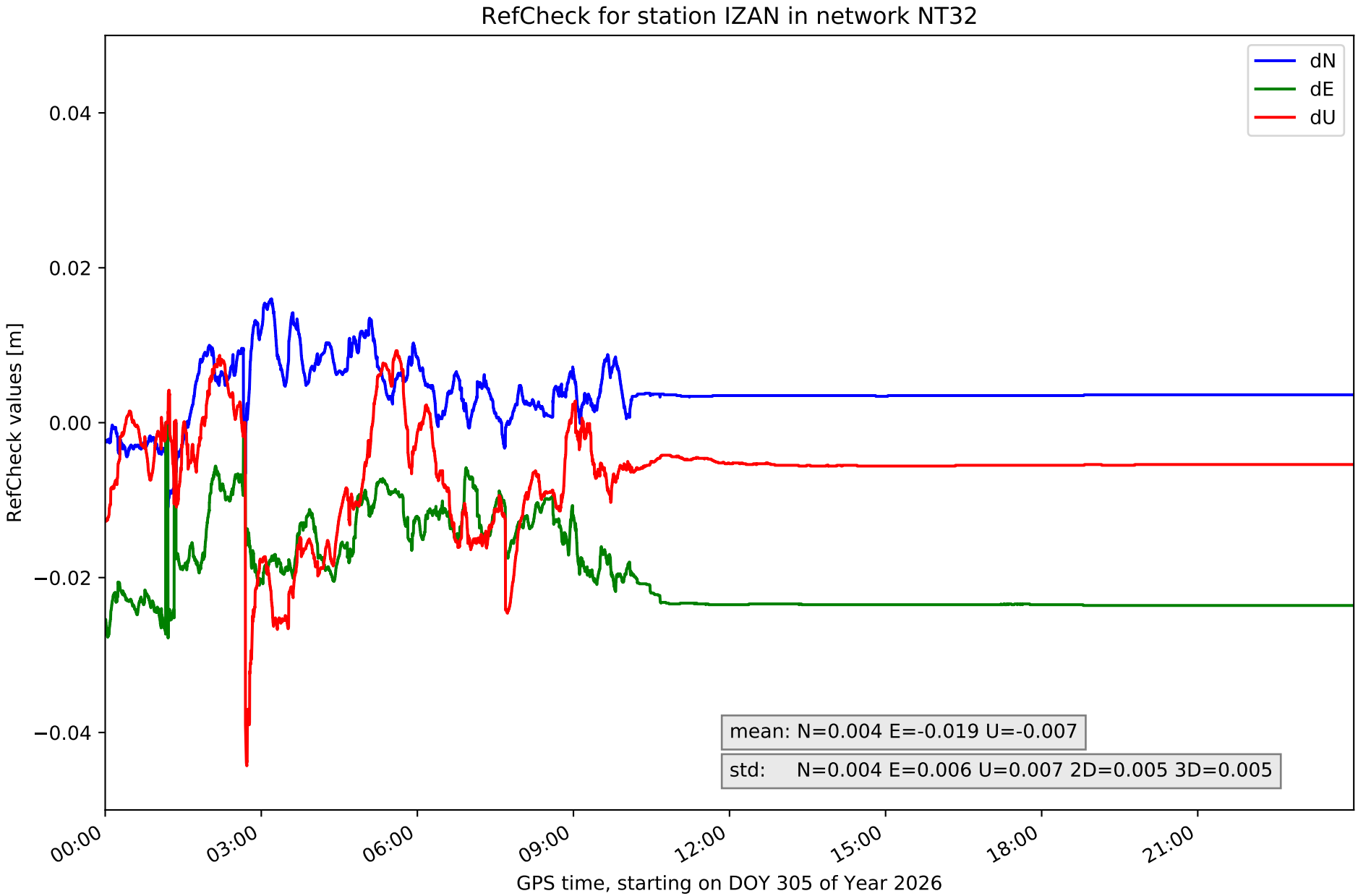

Station TE11 in network NT32
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

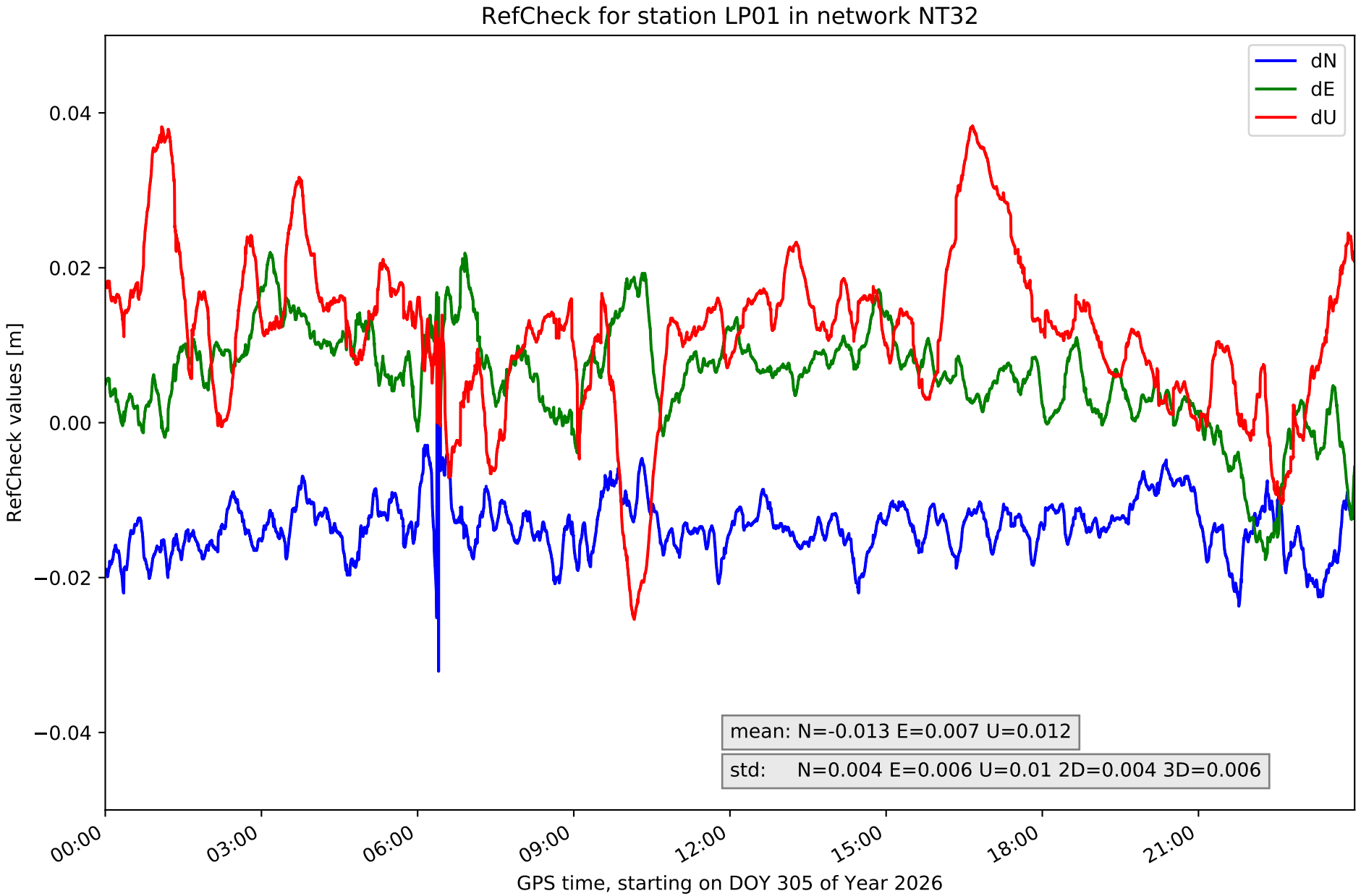

RefCheck for station EH01 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=0.016 U=0.008
std: N=0.004 E=0.004 U=0.007 2D=0.004 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

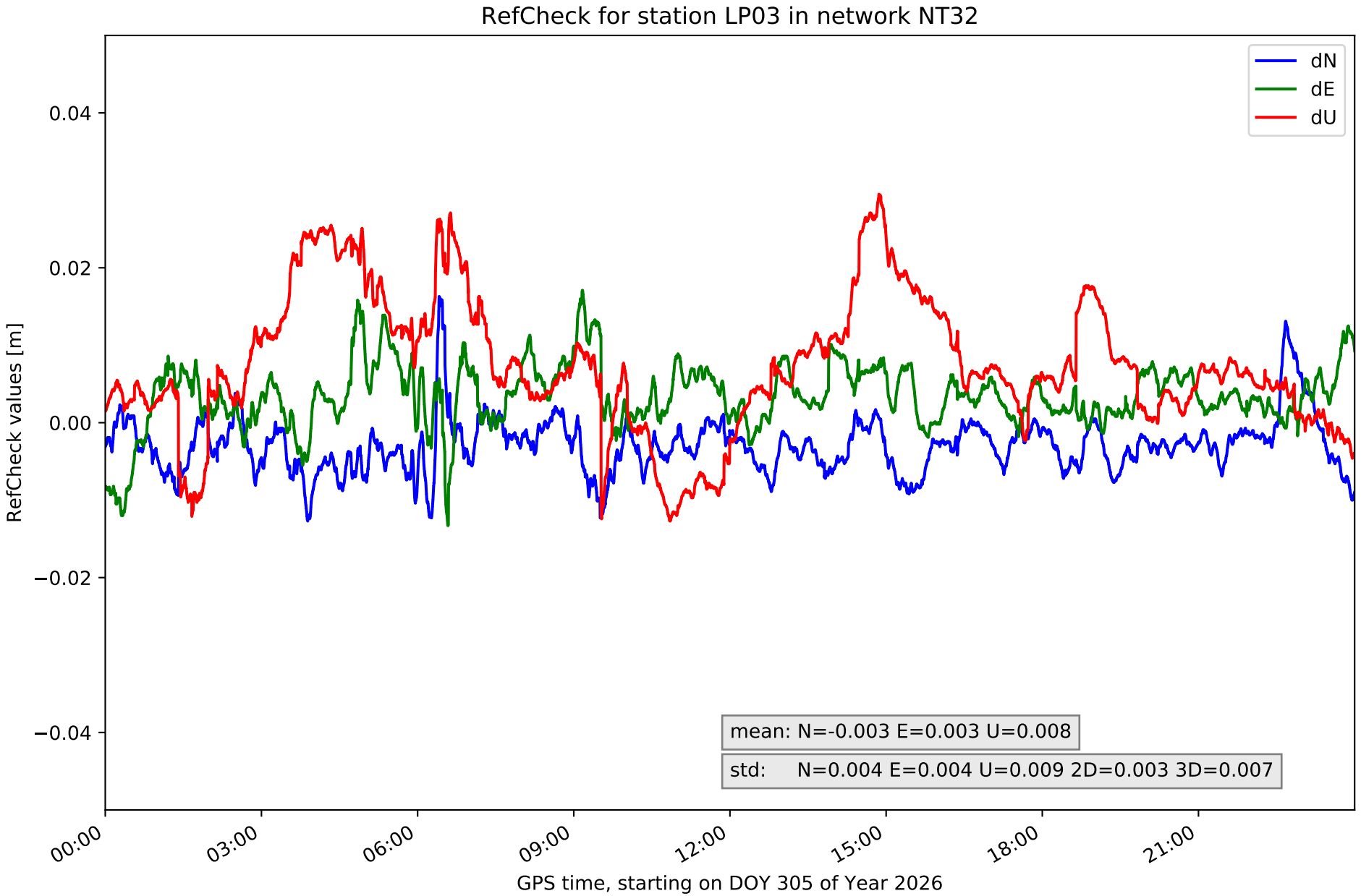

RefCheck for station EH02 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.007 E=0.019 U=-0.003
std: N=0.005 E=0.005 U=0.012 2D=0.005 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

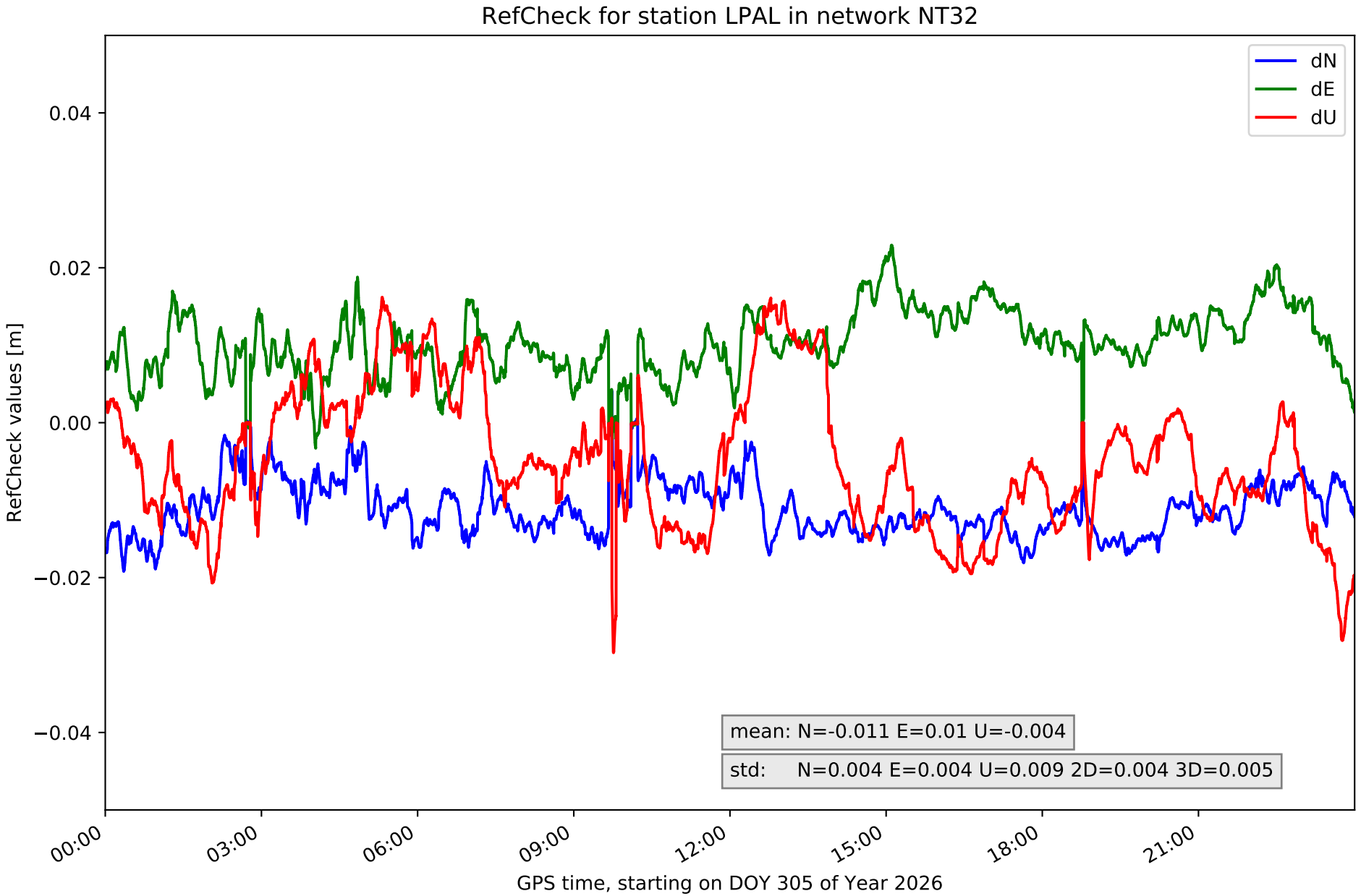

RefCheck for station GOM1 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=-0.012 U=-0.004
std: N=0.005 E=0.007 U=0.014 2D=0.005 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

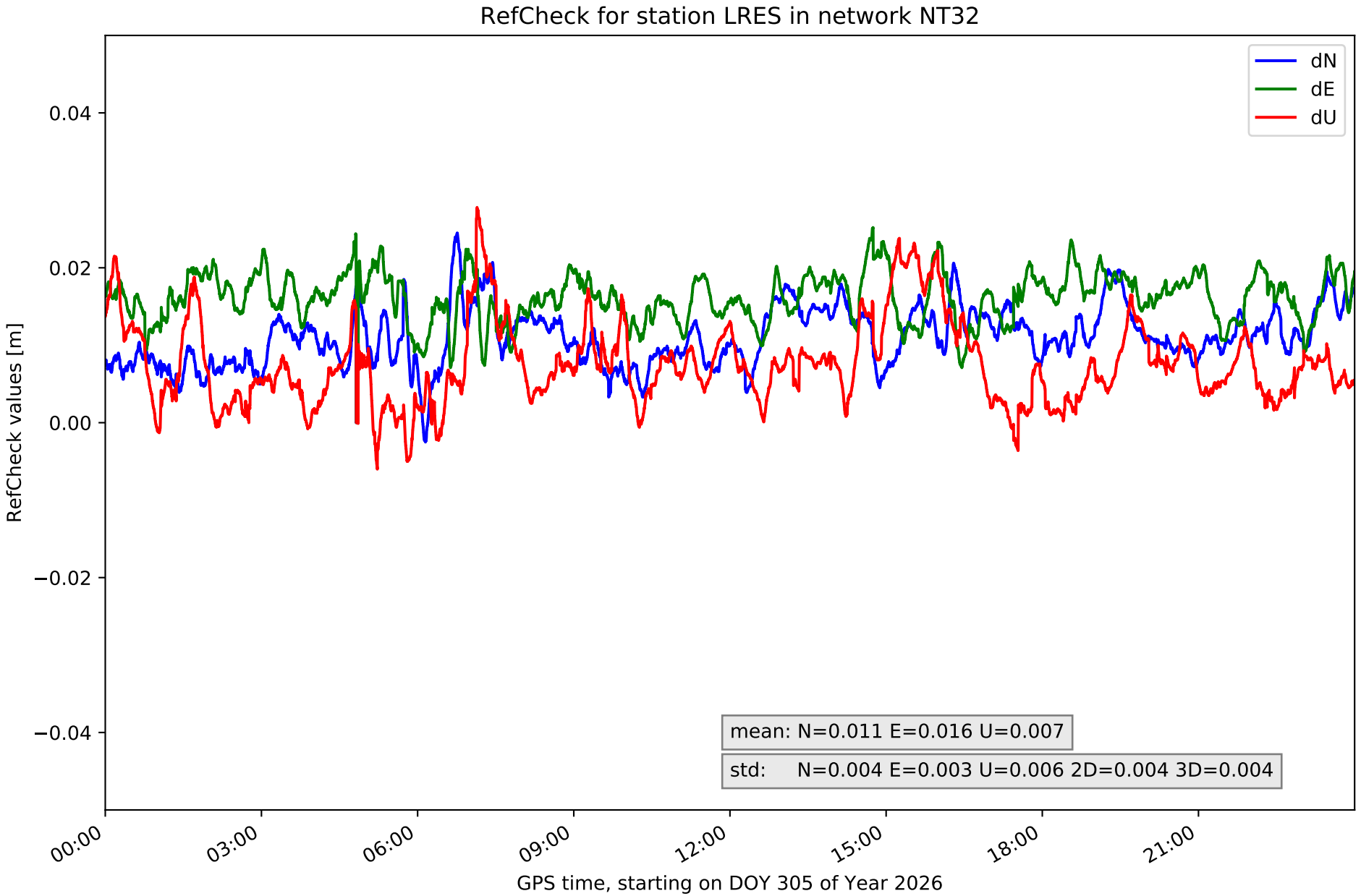

RefCheck for station GOME in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=0.0 U=0.006
std: N=0.004 E=0.005 U=0.01 2D=0.004 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

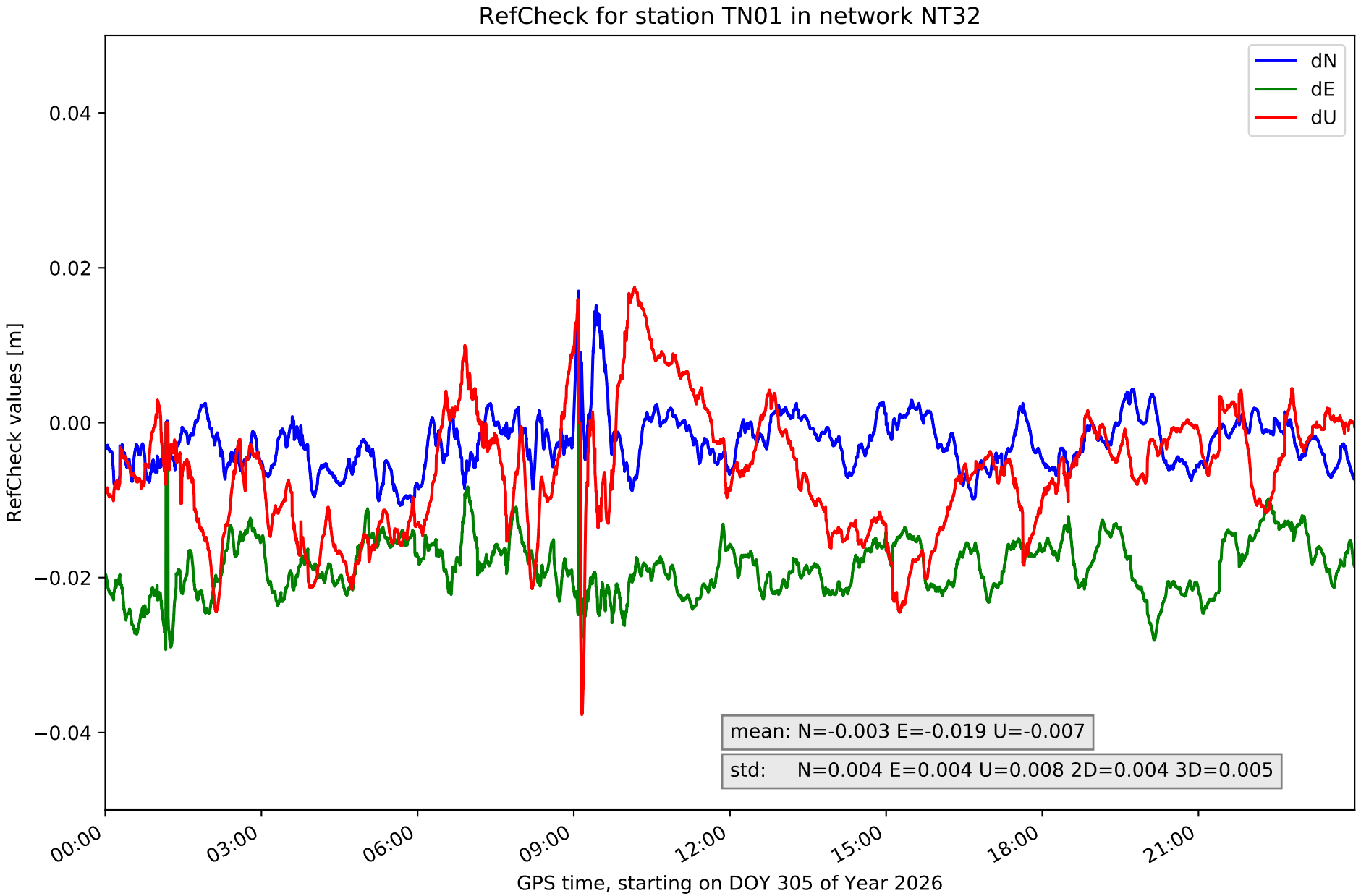

RefCheck for station IZAN in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.004 E=-0.019 U=-0.007
std: N=0.004 E=0.006 U=0.007 2D=0.005 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

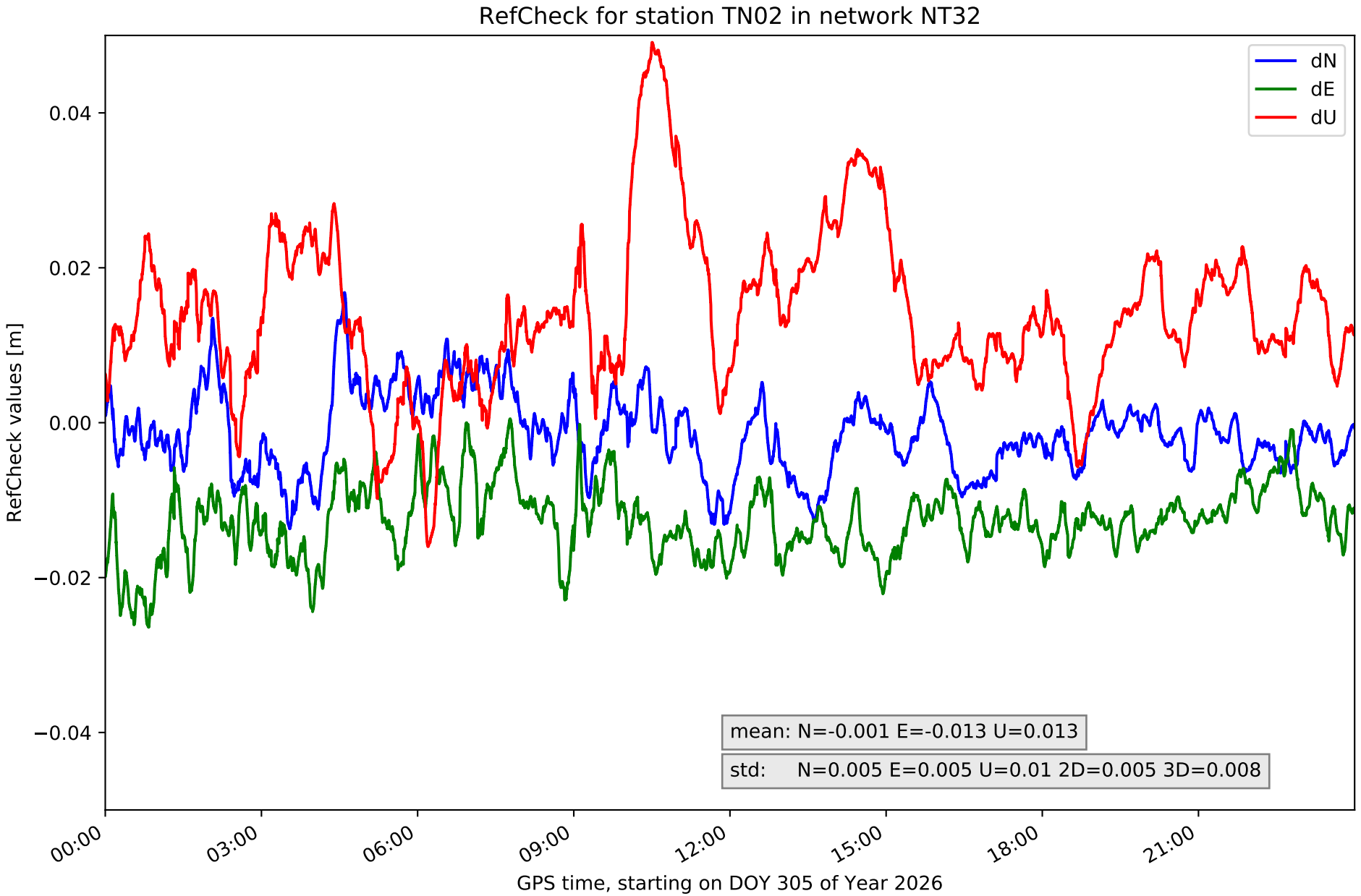

RefCheck for station LP01 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.013 E=0.007 U=0.012
std: N=0.004 E=0.006 U=0.01 2D=0.004 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

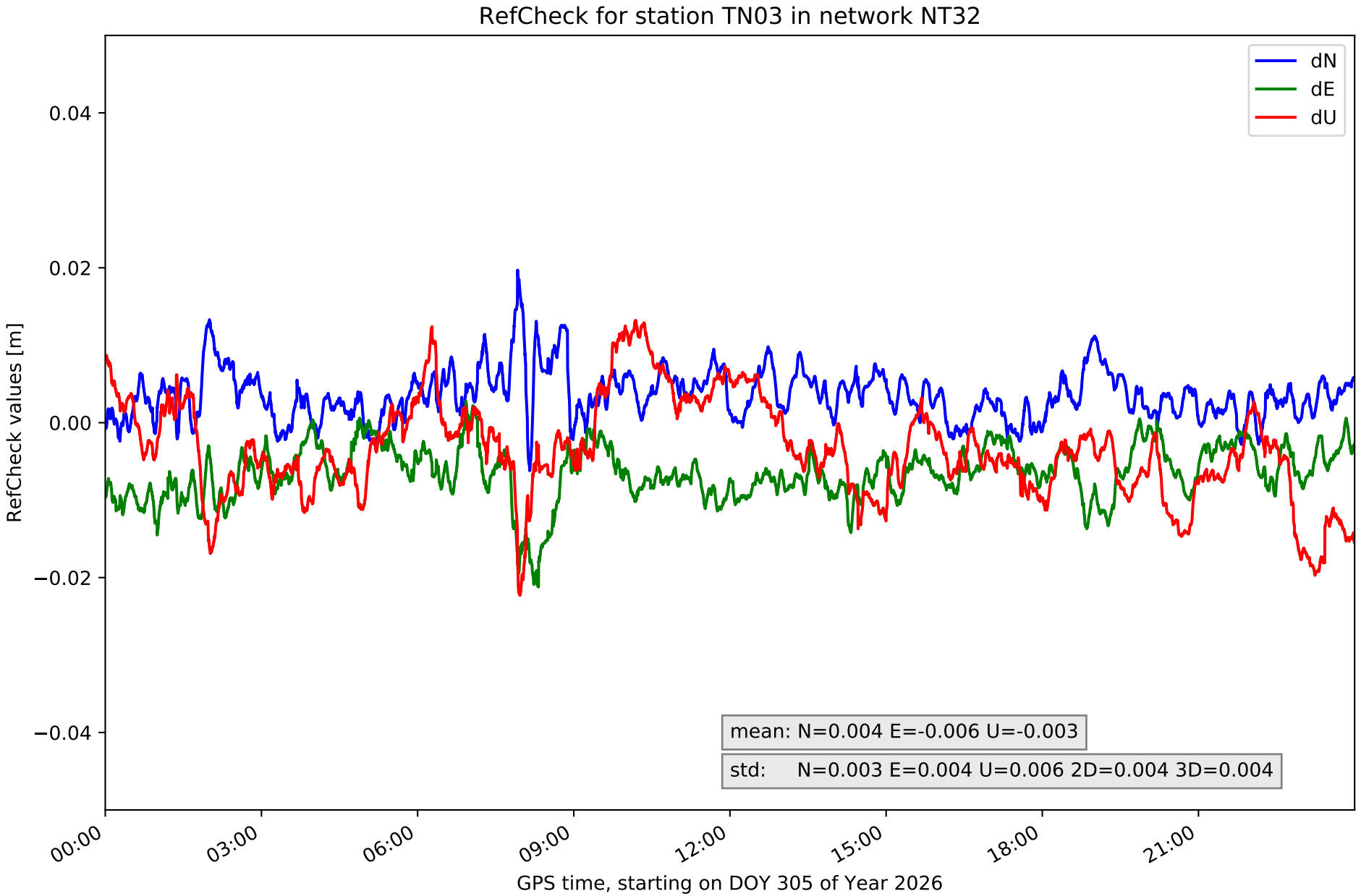

RefCheck for station LP03 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=0.003 U=0.008
std: N=0.004 E=0.004 U=0.009 2D=0.003 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

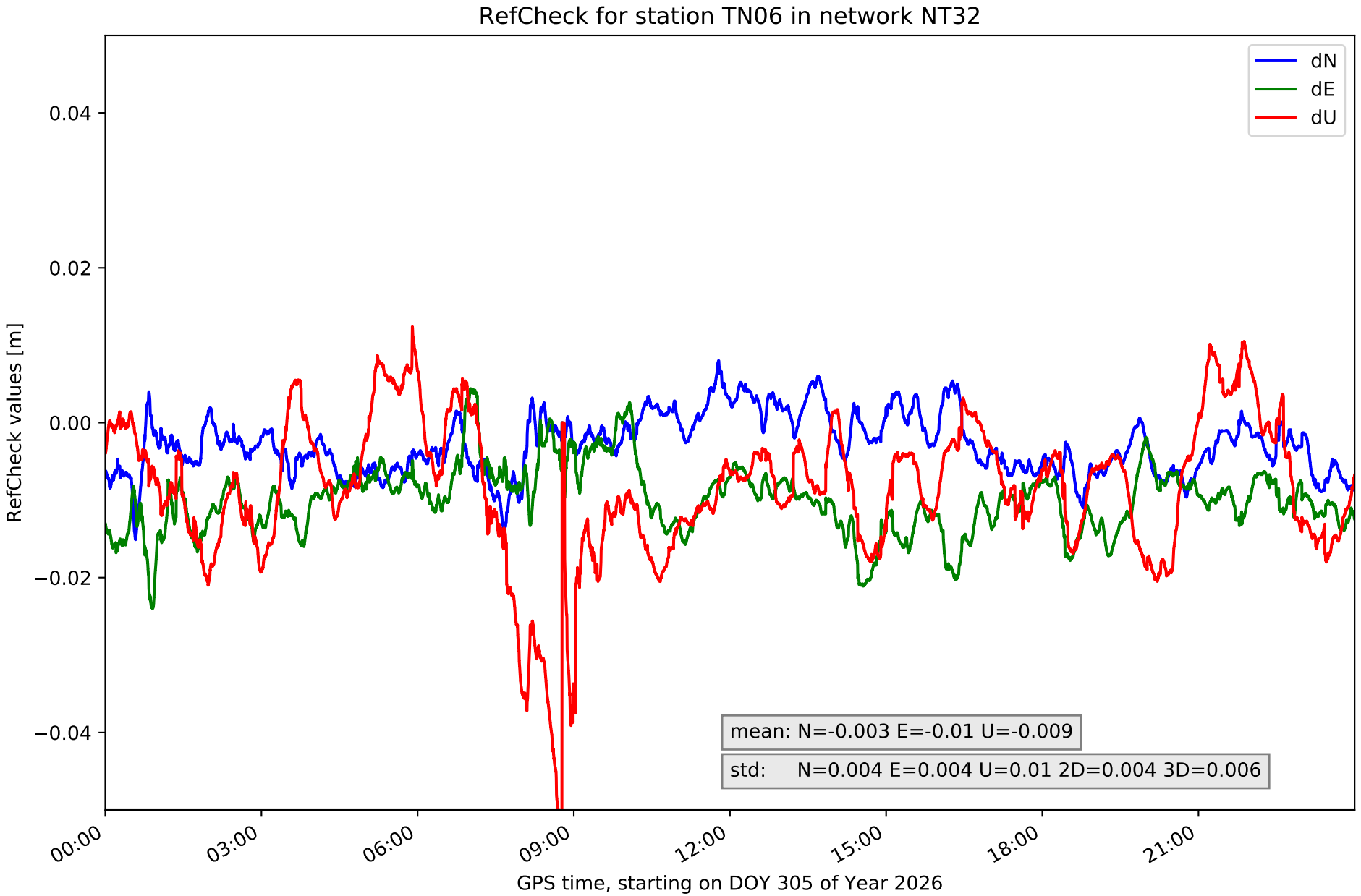

RefCheck for station LPAL in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.011 E=0.01 U=-0.004
std: N=0.004 E=0.004 U=0.009 2D=0.004 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

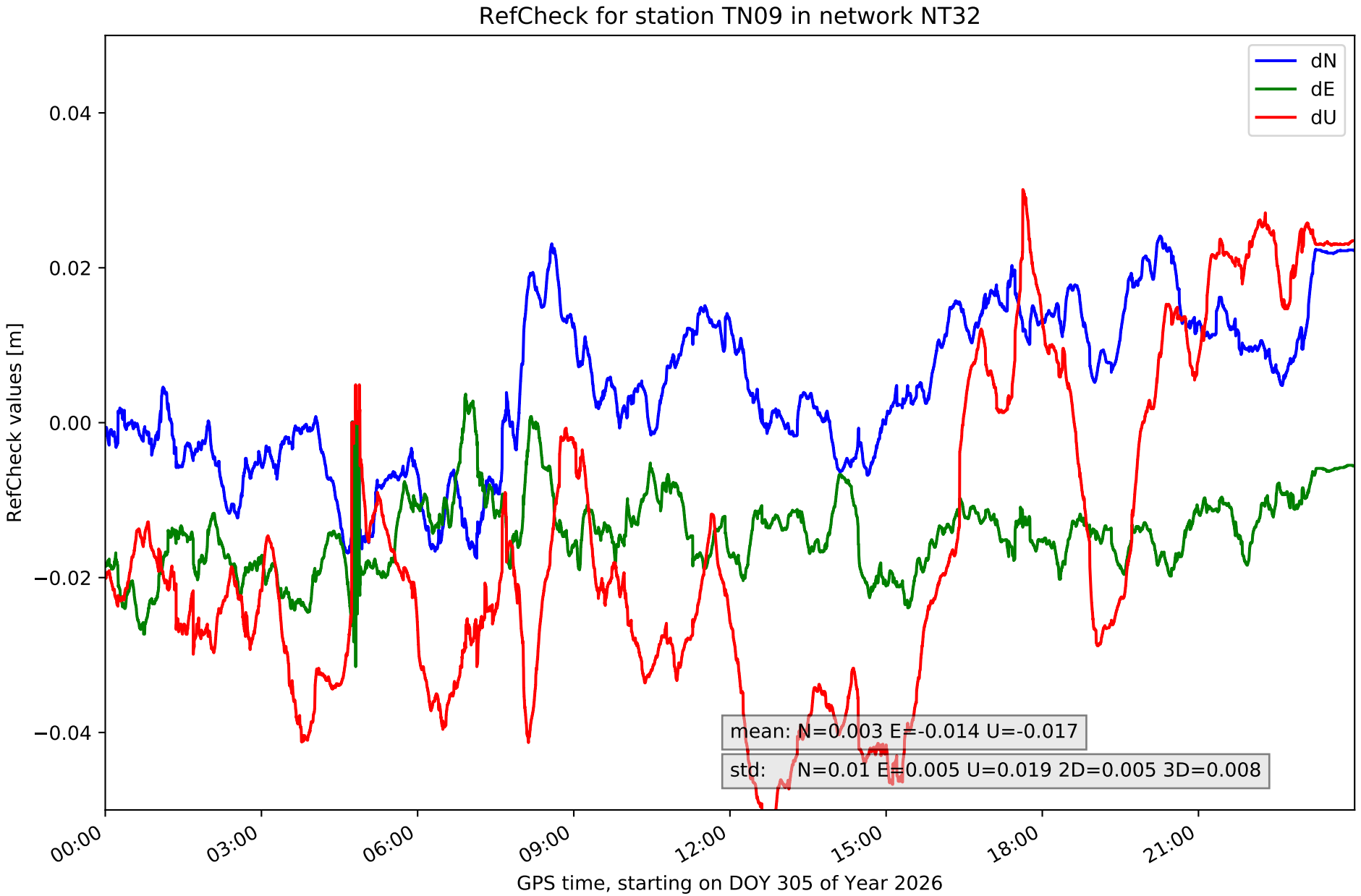

RefCheck for station LRES in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.011 E=0.016 U=0.007
std: N=0.004 E=0.003 U=0.006 2D=0.004 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026

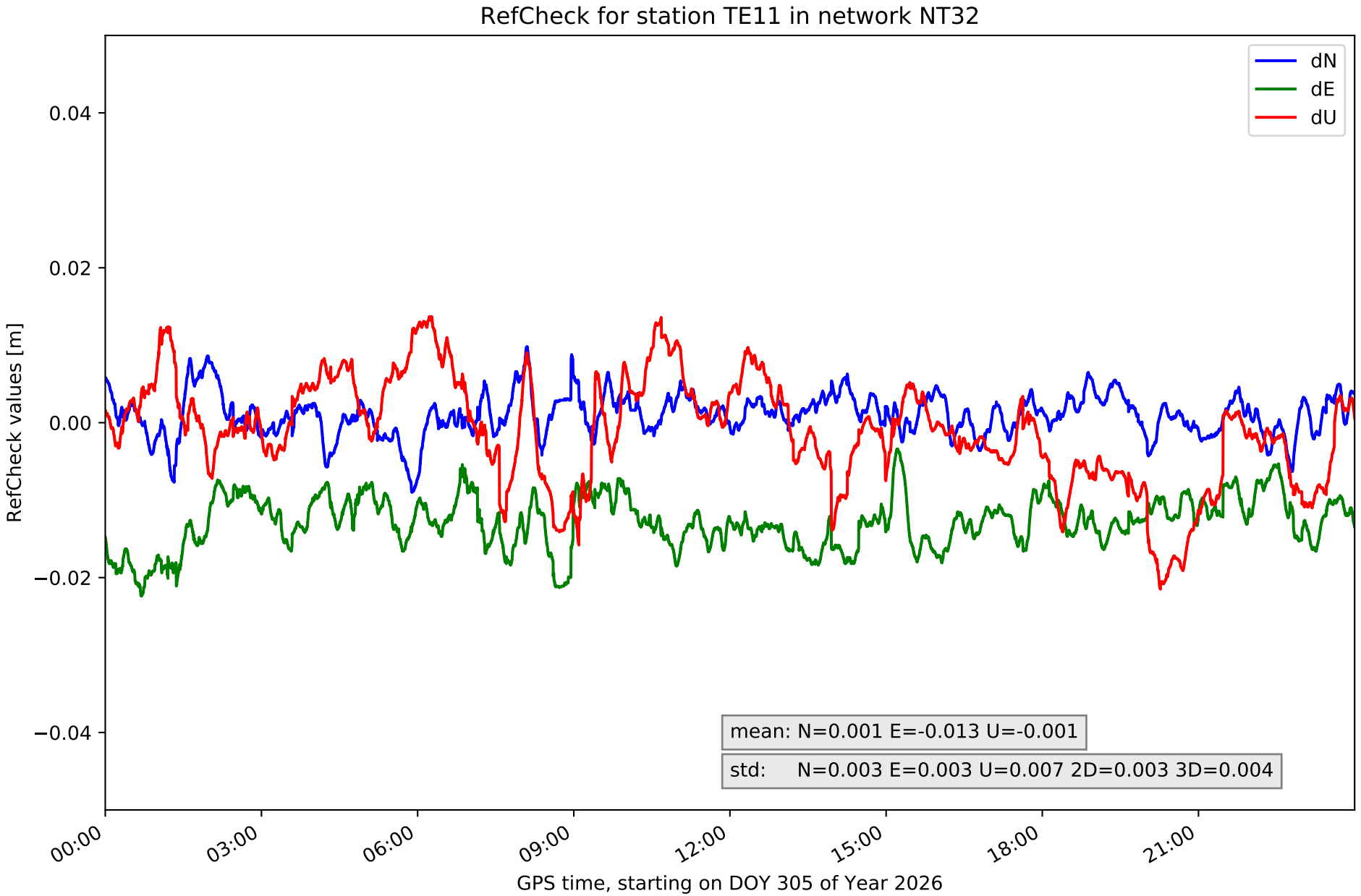

RefCheck for station TN01 in network NT32
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=-0.019 U=-0.007
std: N=0.004 E=0.004 U=0.008 2D=0.004 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 of Year 2026


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=-0.001 E=-0.013 U=0.013
std: N=0.005 E=0.005 U=0.01 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 305 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=0.004 E=-0.006 U=-0.003
std: N=0.003 E=0.004 U=0.006 2D=0.004 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 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=-0.003 E=-0.01 U=-0.009
std: N=0.004 E=0.004 U=0.01 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 305 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=0.003 E=-0.014 U=-0.017
std: N=0.01 E=0.005 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 305 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=-0.013 U=-0.001
std: N=0.003 E=0.003 U=0.007 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 305 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	-0.01	0.011	0.004	0.005	0.028	0.004	-0.01	0.033	0.007	0.004	0.005	54755	97.6	22747	40.5
EH02	-0.007	0.024	0.005	-0.013	0.03	0.005	-0.06	0.024	0.012	**0.005**	0.006	54234	96.7	46482	82.9
GOM1	-0.028	0.018	0.005	**-0.038**	0.043	**0.007**	**-0.062**	0.06	0.014	**0.005**	**0.008**	42312	75.4	20522	36.6
GOME	**-0.037**	**0.03**	0.004	-0.033	**0.047**	0.005	-0.029	**0.066**	0.01	0.004	0.007	6559	11.7	3911	7.0
IZAN	-0.011	0.016	0.004	-0.028	-0.0	0.006	-0.044	0.009	0.007	**0.005**	0.005	53016	94.5	39650	70.7
LP01	-0.032	-0.0	0.004	-0.018	0.022	0.006	-0.025	0.038	0.01	0.004	0.006	53499	95.4	32941	58.7
LP03	-0.013	0.016	0.004	-0.013	0.017	0.004	-0.013	0.029	0.009	0.003	0.007	8033	14.3	9004	16.1
LPAL	-0.019	0.004	0.004	-0.003	0.023	0.004	-0.03	0.016	0.009	0.004	0.005	49943	89.0	17938	32.0
LRES	-0.003	0.025	0.004	0.0	0.025	0.003	-0.006	0.028	0.006	0.004	0.004	55584	99.1	37889	67.5
TN01	-0.011	0.017	0.004	-0.029	0.0	0.004	-0.038	0.018	0.008	0.004	0.005	**55811**	**99.5**	36441	65.0
TN02	-0.014	0.017	0.005	-0.026	0.001	0.005	-0.016	0.049	0.01	**0.005**	**0.008**	45067	80.3	25112	44.8
TN03	-0.006	0.02	0.003	-0.021	0.003	0.004	-0.022	0.013	0.006	0.004	0.004	13609	24.3	1787	3.2
TN06	-0.015	0.008	0.004	-0.024	0.004	0.004	-0.06	0.012	0.01	0.004	0.006	34808	62.0	11584	20.6
TN09	-0.018	0.024	**0.01**	-0.032	0.004	0.005	-0.052	0.03	**0.019**	**0.005**	**0.008**	54451	97.1	**52859**	**94.2**
TE11	-0.009	0.01	0.003	-0.022	-0.003	0.003	-0.021	0.014	0.007	0.003	0.004	44563	79.4	5198	9.3
Mean	**-0.016**	**0.016**	**0.004**	**-0.02**	**0.016**	**0.005**	**-0.033**	**0.029**	**0.01**	**0.004**	**0.006**	**41749.6**	**74.4**	**24271.0**	**43.3**
Min/Max	**-0.037**	**0.03**	**0.01**	**-0.038**	**0.047**	**0.007**	**-0.062**	**0.066**	**0.019**	**0.005**	**0.008**	**55811**	**99.5**	**52859**	**94.2**

fixing statistic for network NT32

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	93.9	94.2	92.5	94.7	93.5
considering satellites with dual-frequency fixed	90.6	90.5	88.9	92.2	90.2
considering all signals separately	91.1	90.9	88.9	92.6	90.1