summary for network NET8

timeperiod chosen: from 2026-02-20-00:00:00 until 2026-02-20-23:59:58

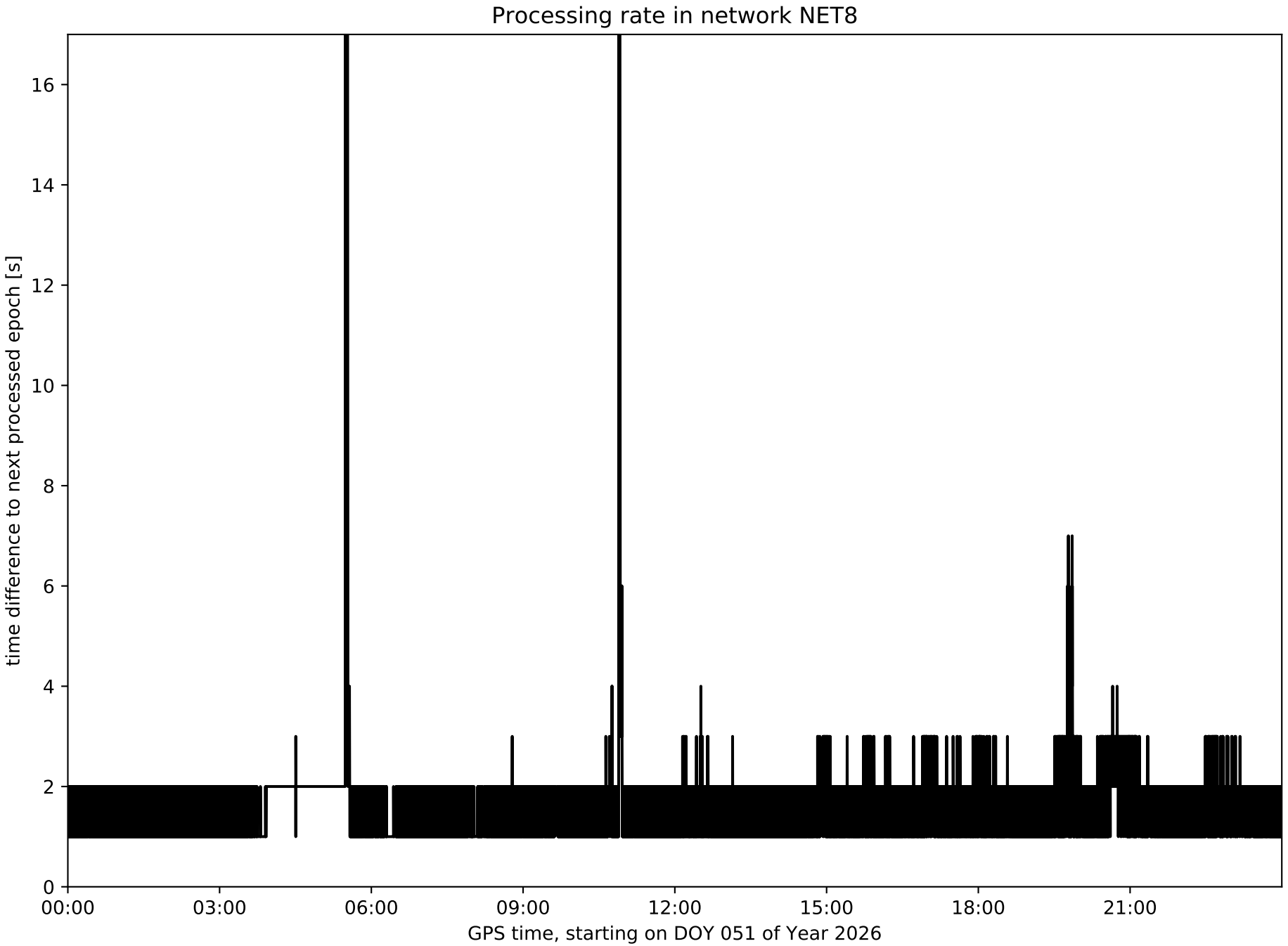
average update rate (durations larger than 15 seconds considered as observation gap): 1.3 seconds

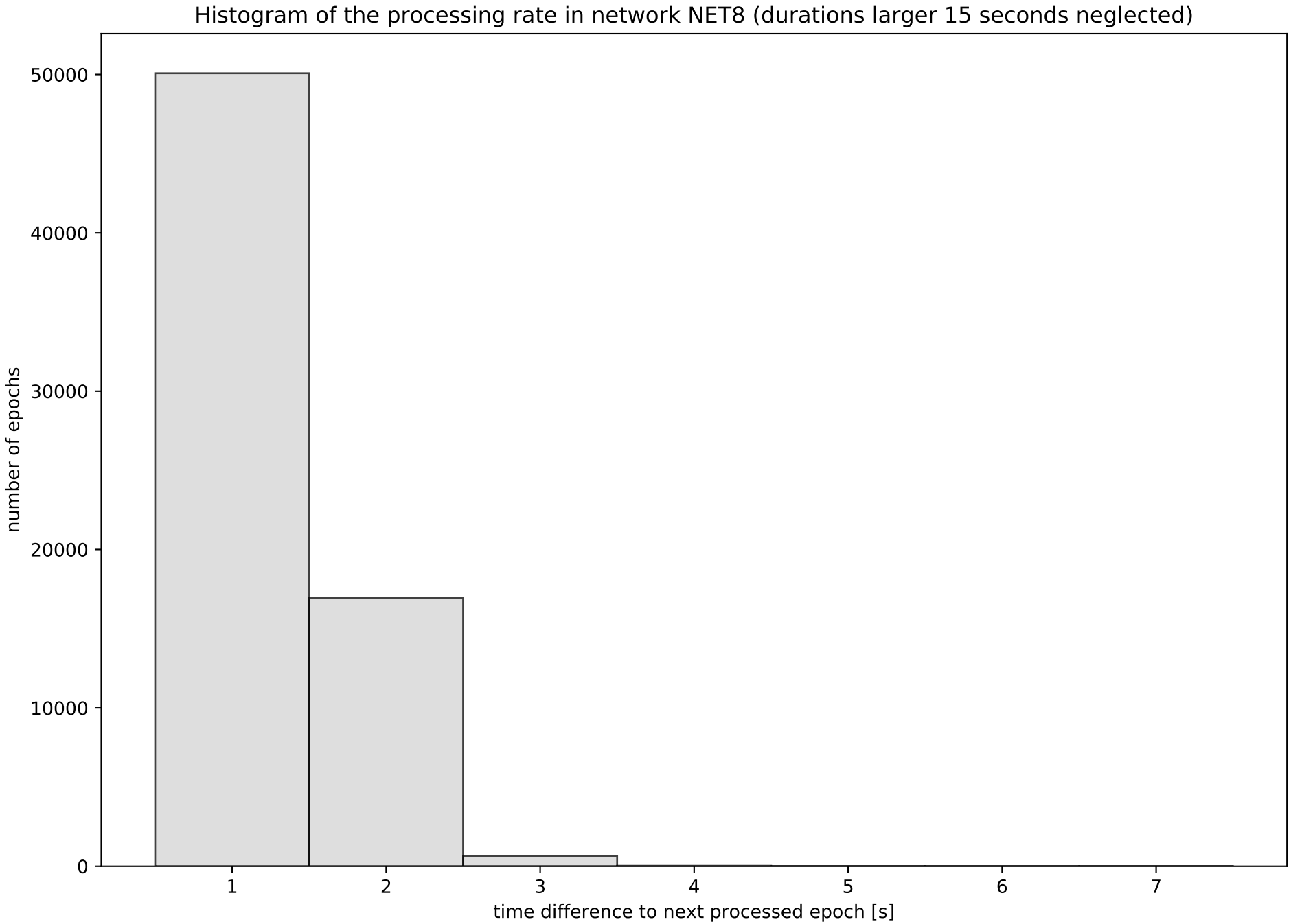
average fixing percentage with threshold set to 0.3: 95.2 percent

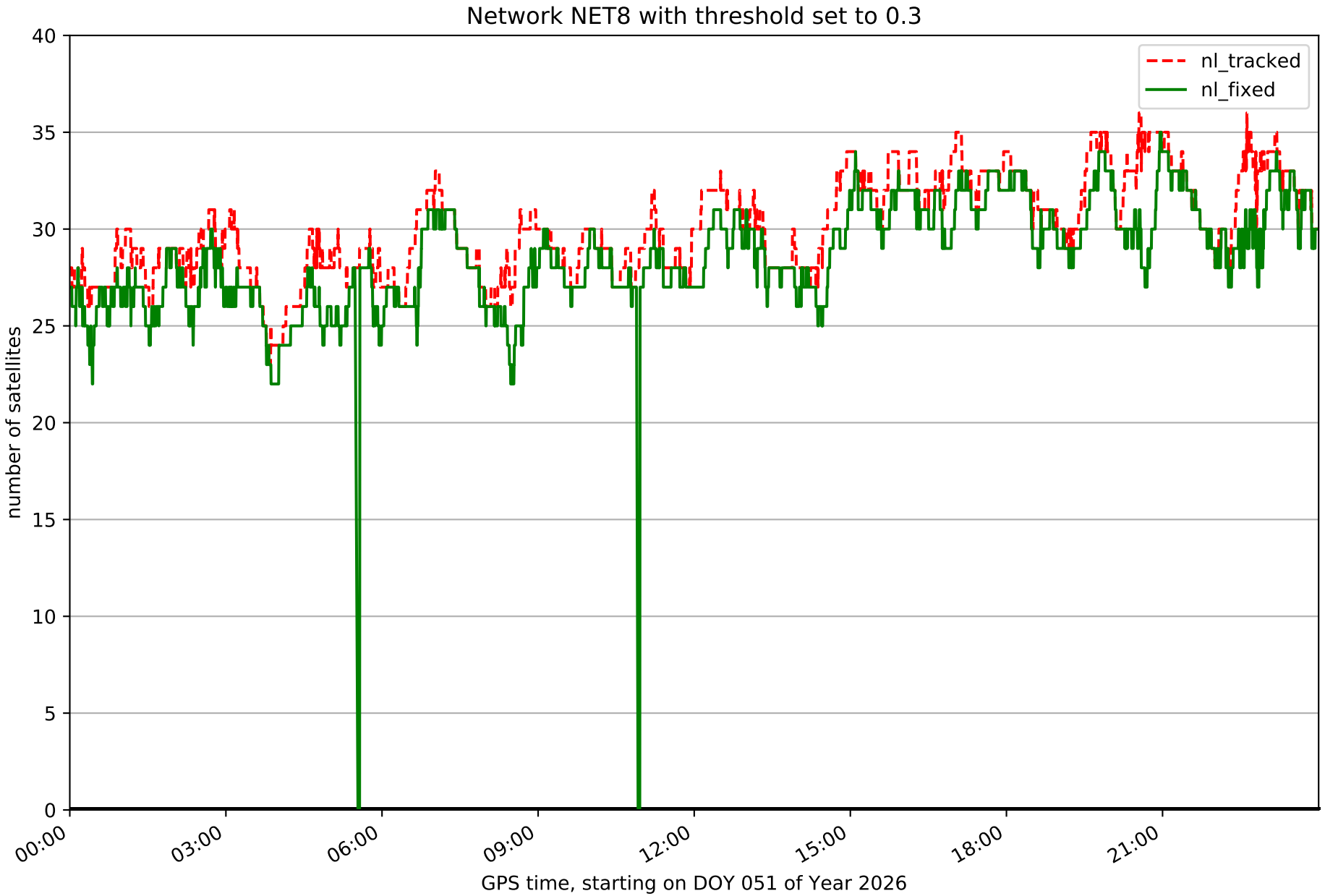
stations available: 16 of 16

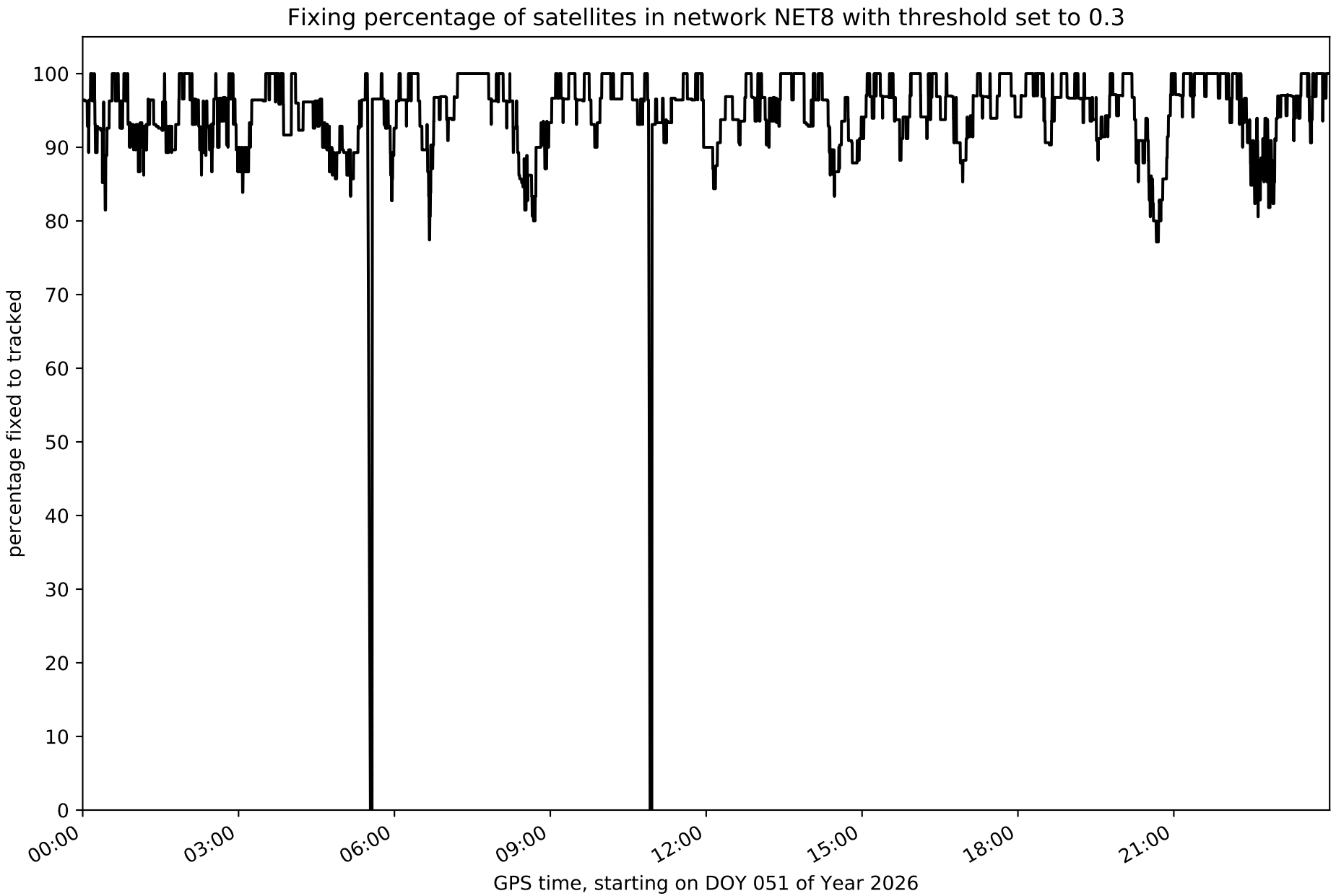
station information:

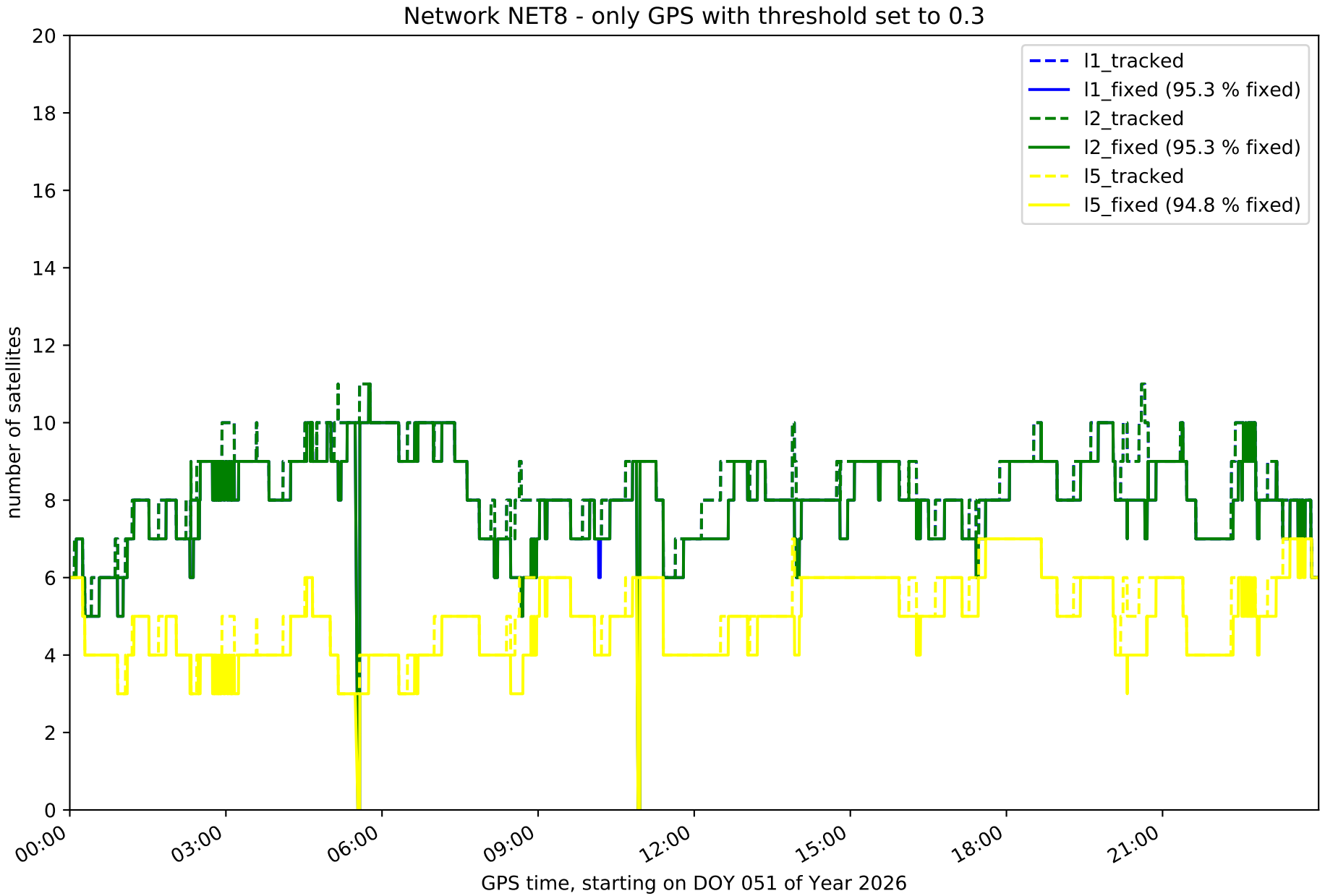
station ALDA:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR30	height: 881.799
station ALSA:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 584.184
station AMUR:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR30	height: 299.246
station ELGE:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR30	height: 535.723
station ESTE:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 523.468
station HOND:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 166.321
station ISPS:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 265.498
station KAST:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR30	height: 321.676
station LEIT:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 530.056
station MIBR:	antenna: LEIAR25	LEIT	receiver: TRIMBLE NETR9	height: 526.687
station ORON:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 204.825
station PASA:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR30	height: 67.372
station SOPU:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR30	height: 168.983
station TAFA:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 473.837
station UPNA:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 500.91
station VITO:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR30	height: 600.461

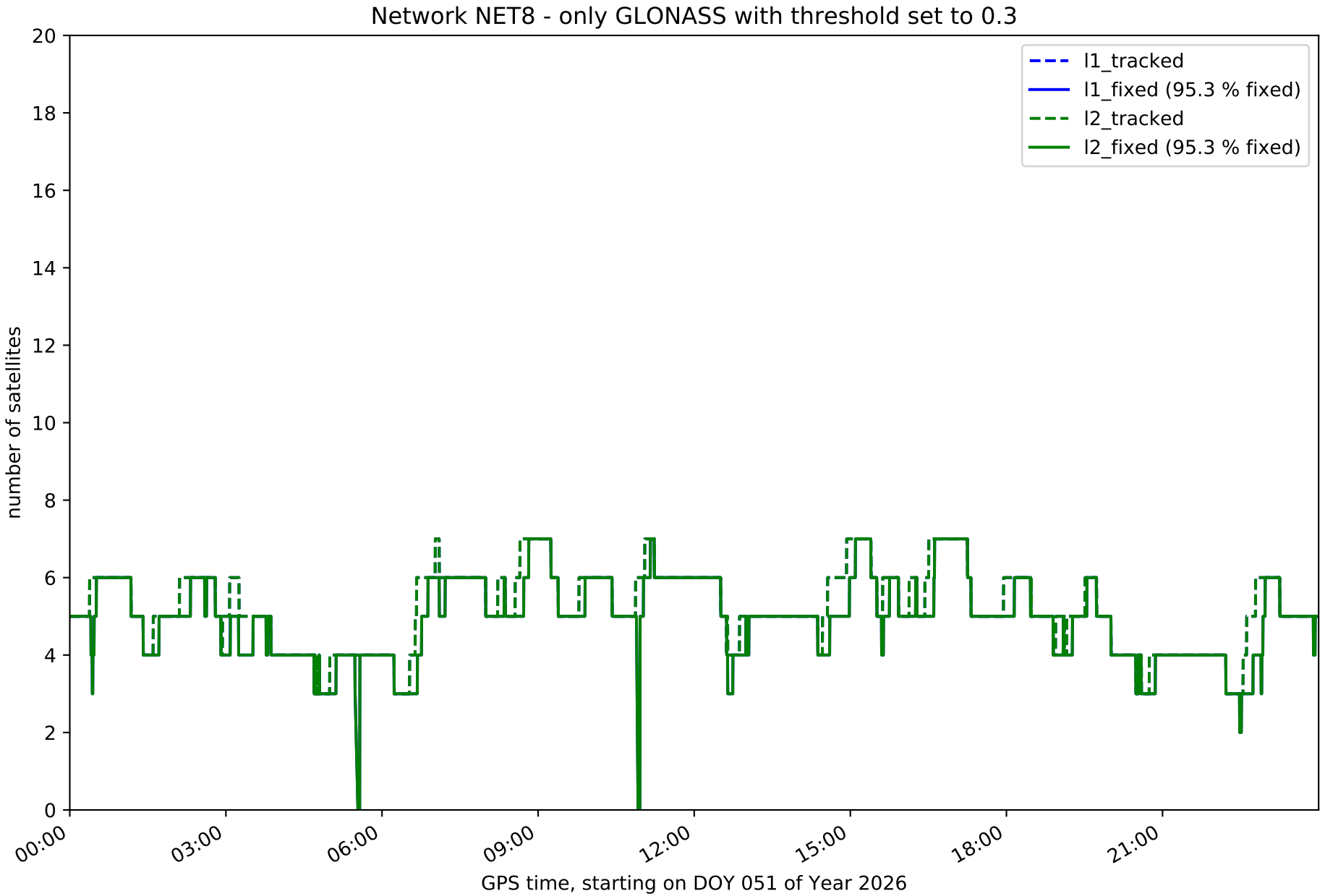

Processing rate in network NET8
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

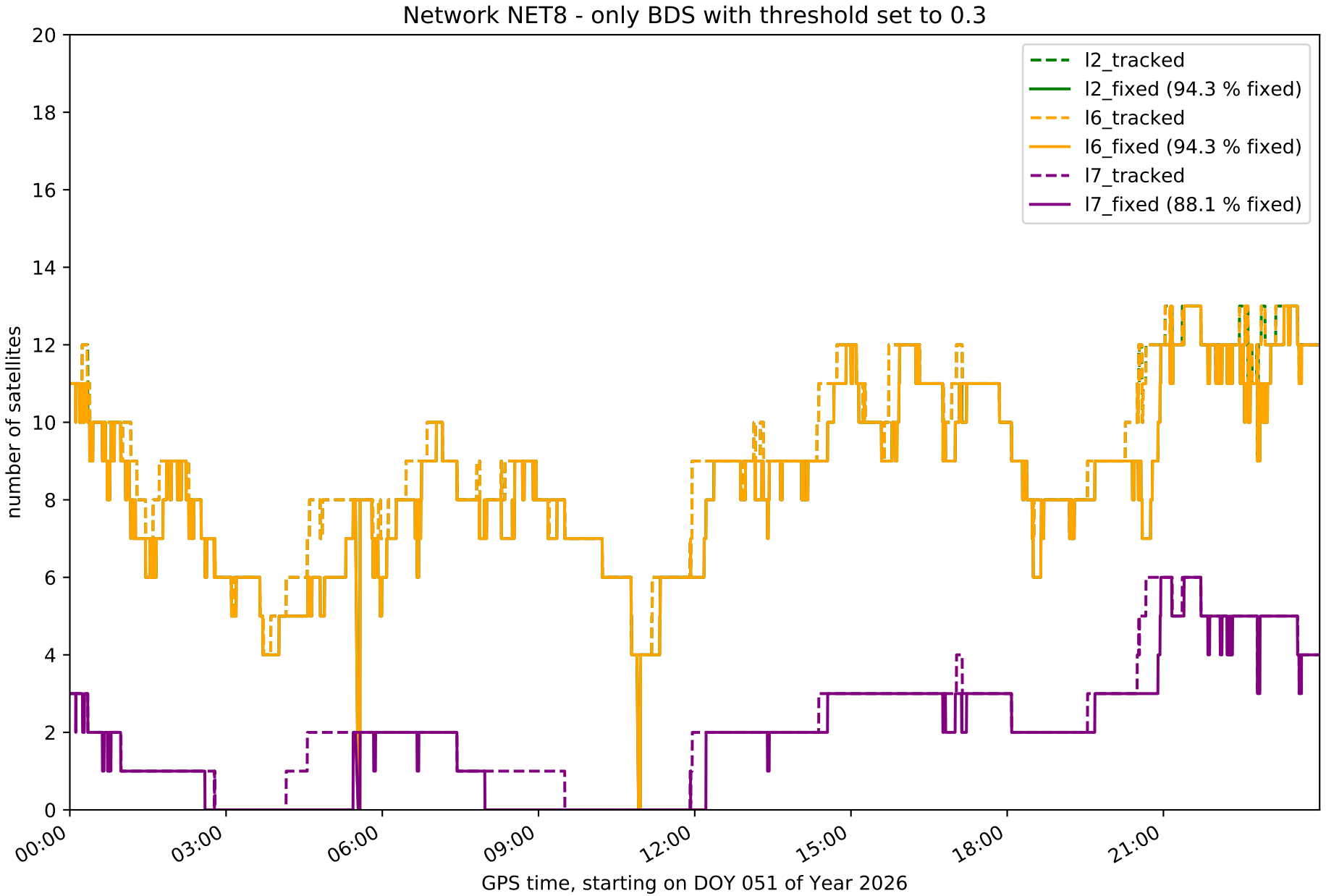

Histogram of the processing rate in network NET8 (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
50000
1
2
3
4
5
6
7
time difference to next processed epoch [s]

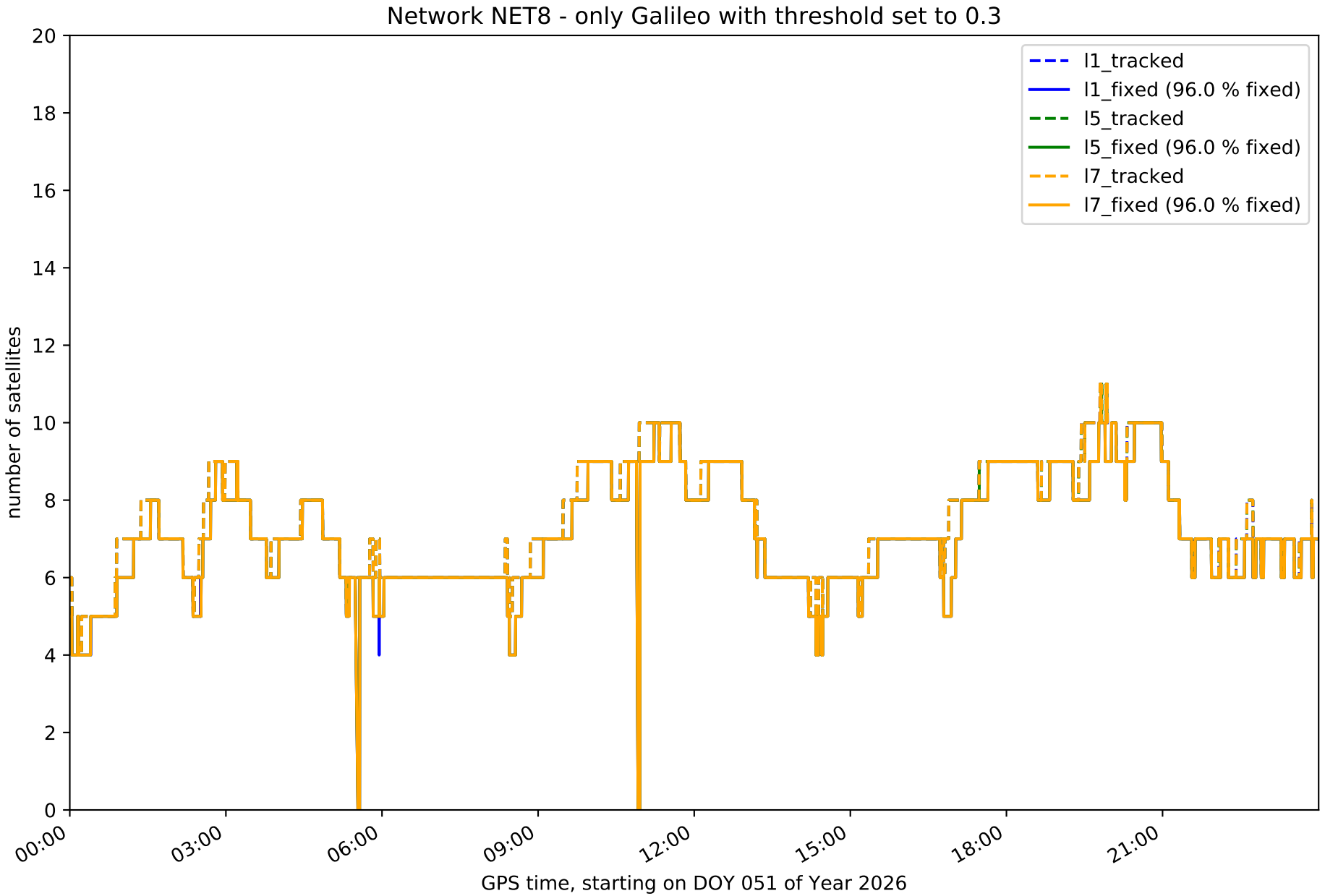

Network NET8 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

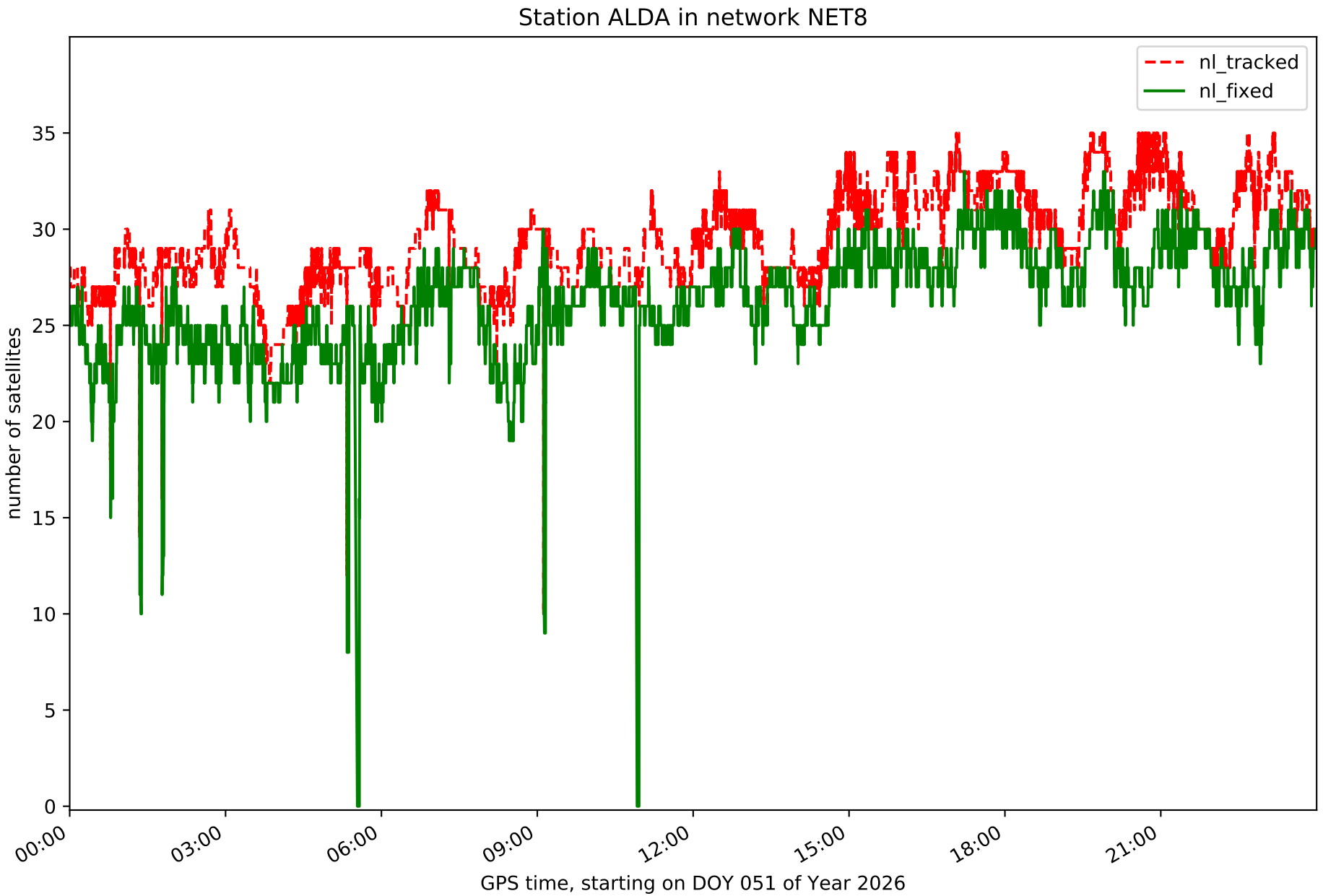

Fixing percentage of satellites in network NET8 with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

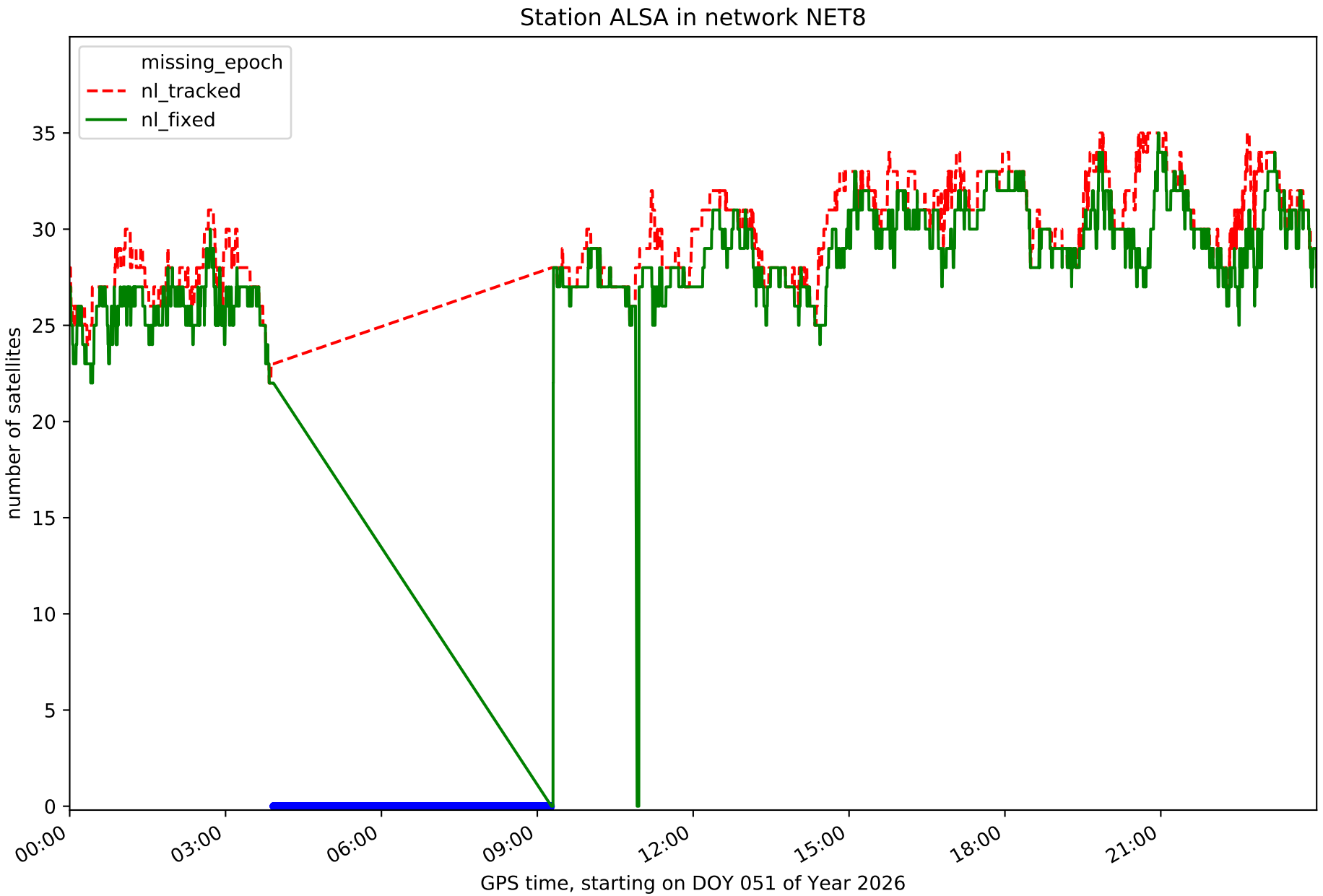

Network NET8 - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 051 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (95.3 % fixed)
l2_tracked
l2_fixed (95.3 % fixed)
l5_tracked
l5_fixed (94.8 % fixed)

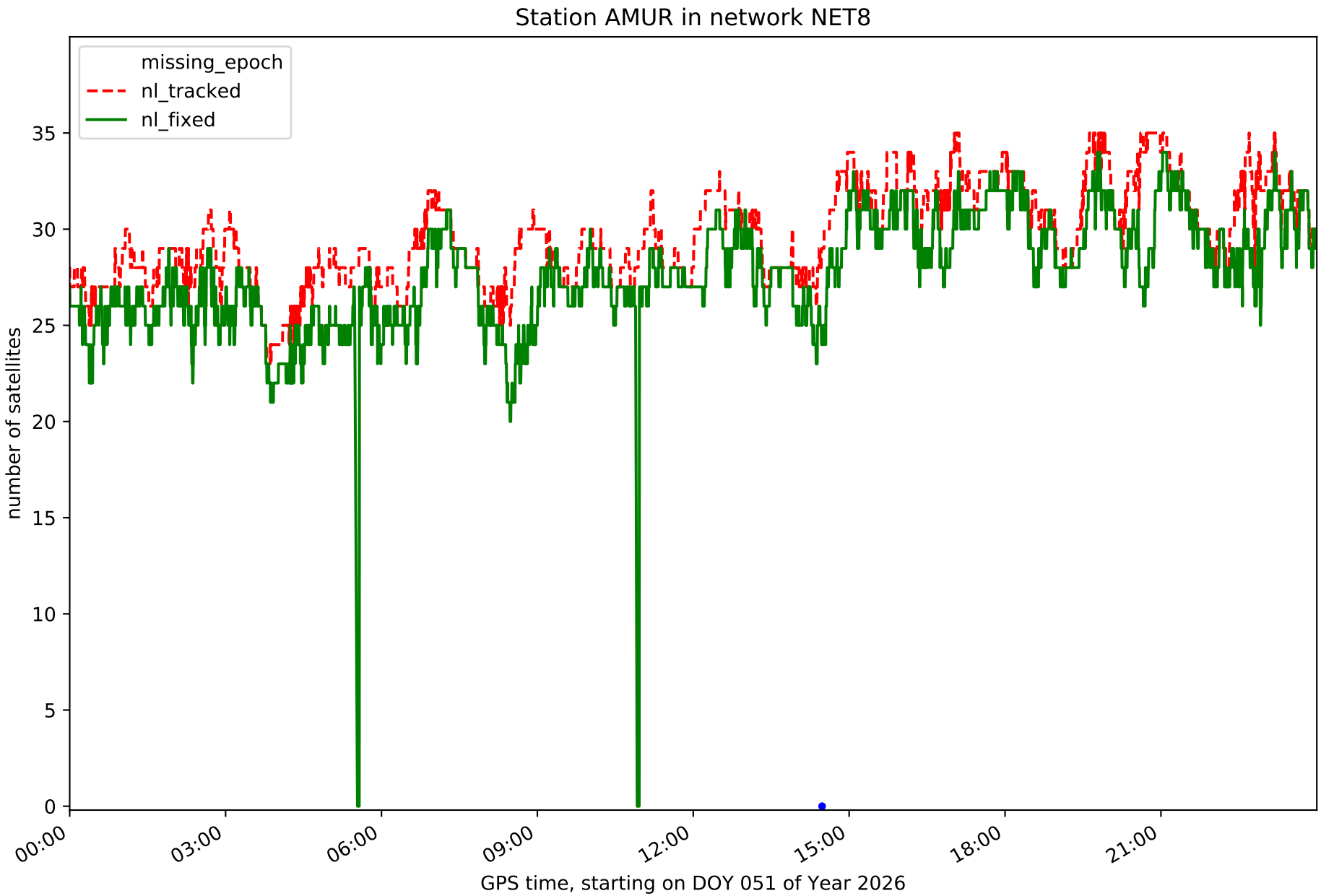

Network NET8 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (95.3 % fixed)
l2_tracked
l2_fixed (95.3 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

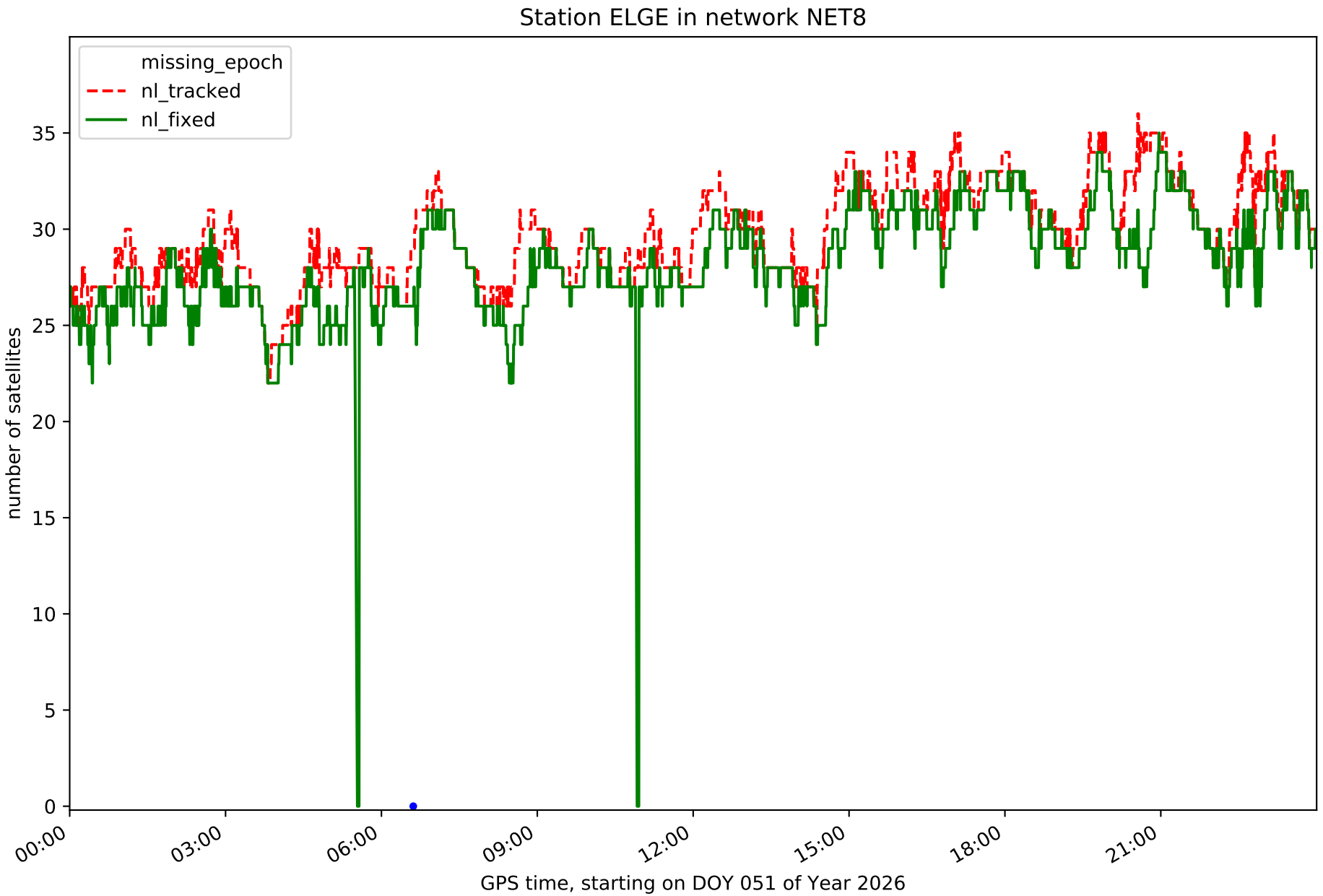

Network NET8 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 051 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (94.3 % fixed)
I6_tracked
I6_fixed (94.3 % fixed)
I7_tracked
I7_fixed (88.1 % fixed)

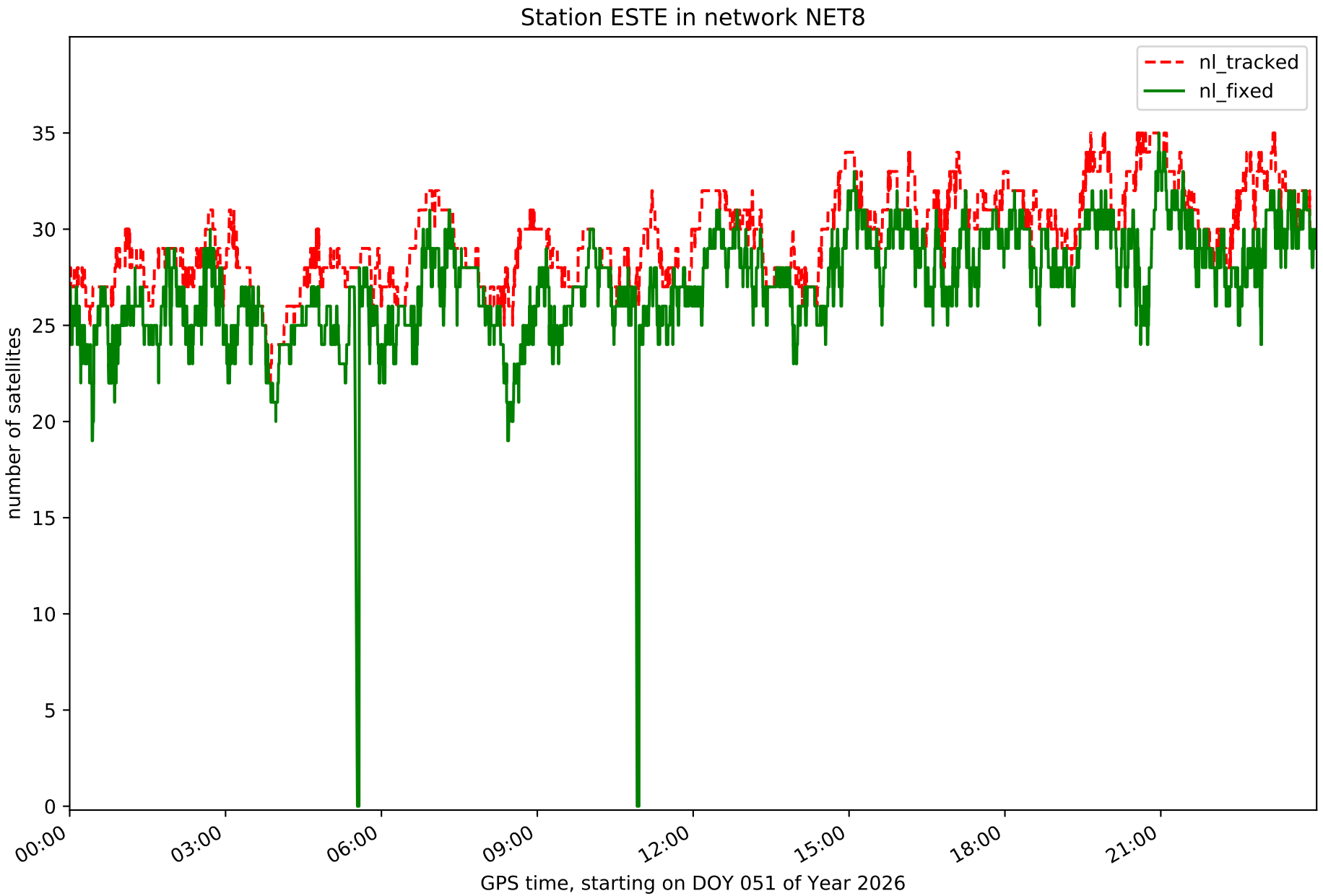

Network NET8 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 051 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (96.0 % fixed)
l5_tracked
l5_fixed (96.0 % fixed)
l7_tracked
l7_fixed (96.0 % fixed)

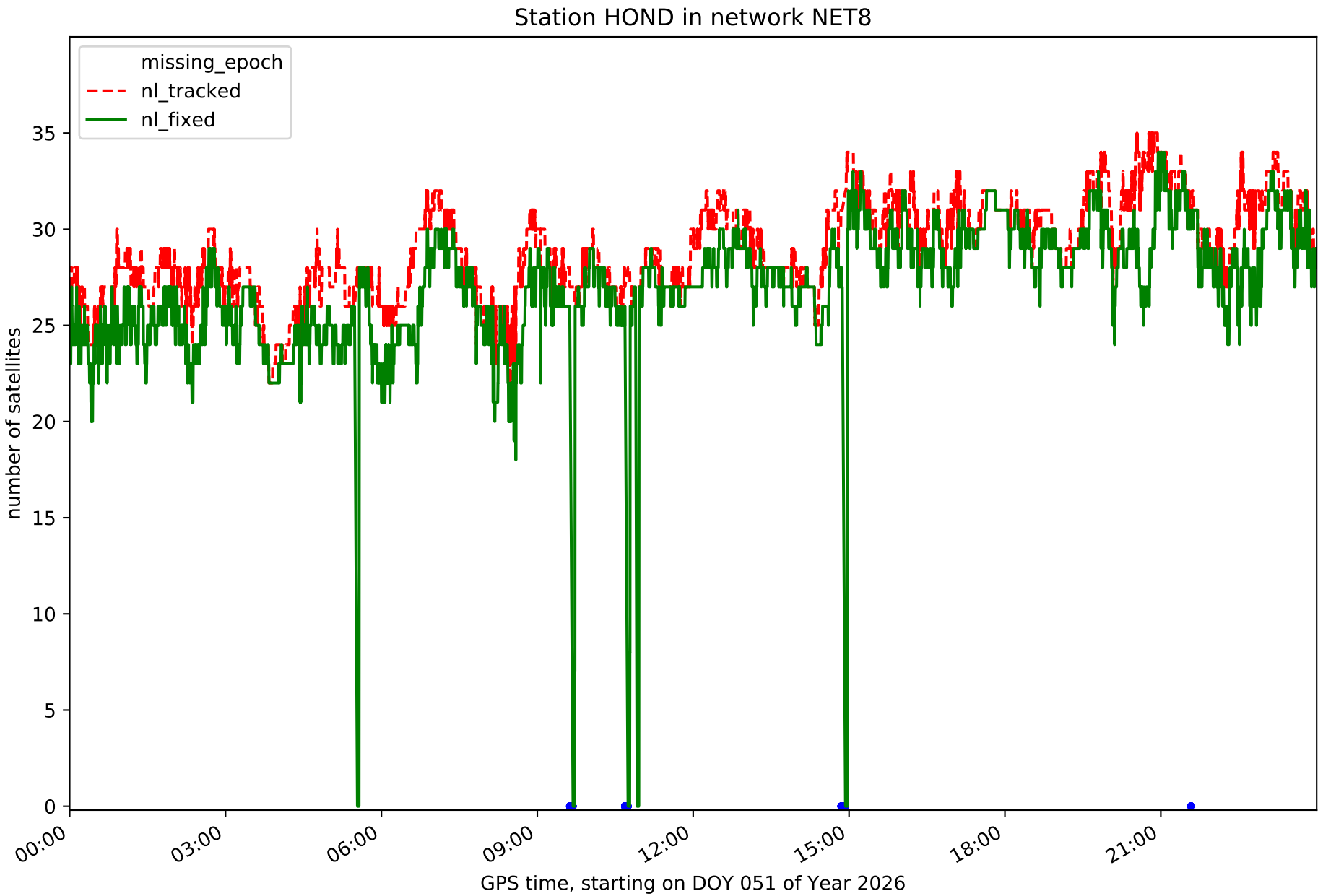

Station ALDA in network NET8
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

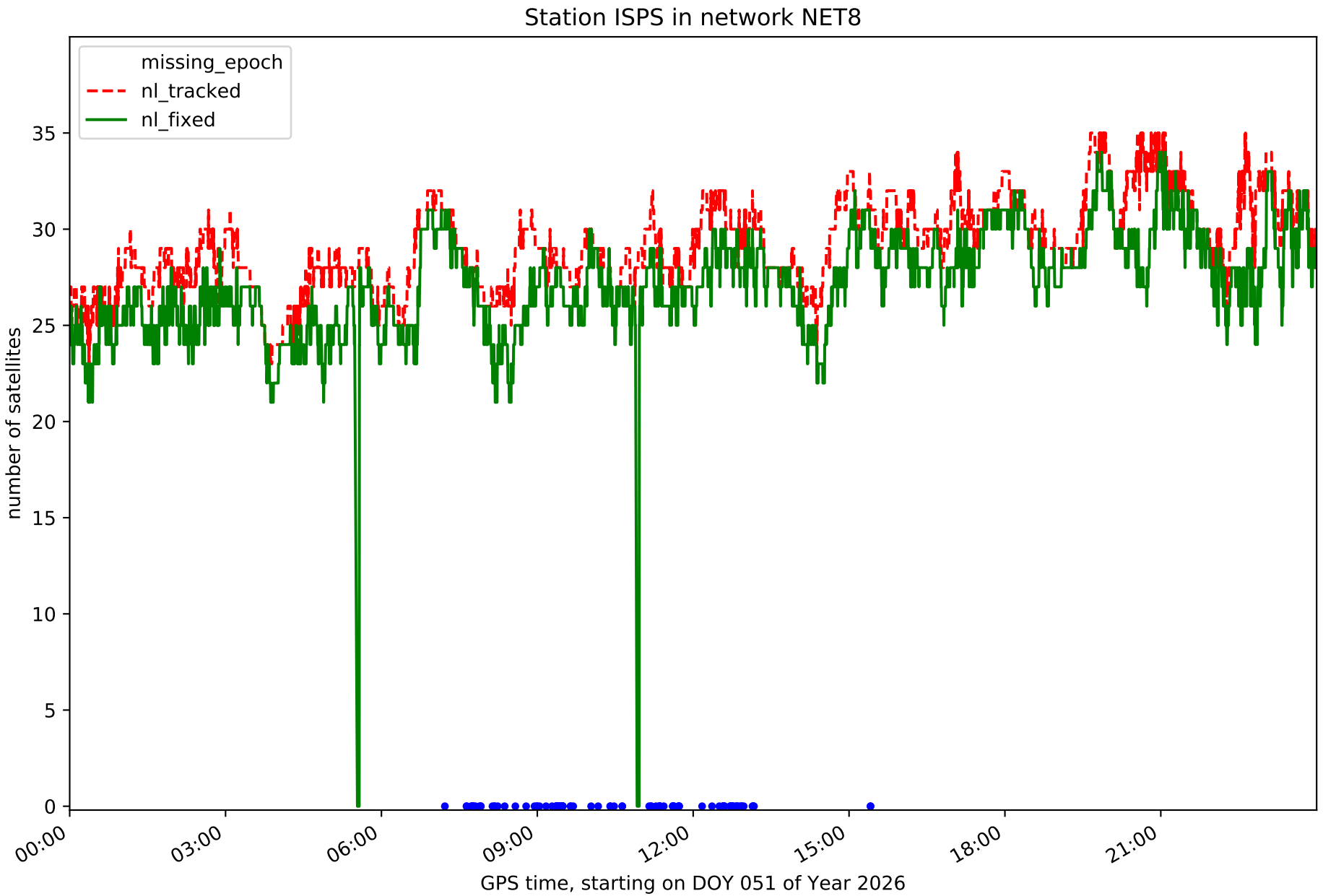

Station ALSA in network NET8
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

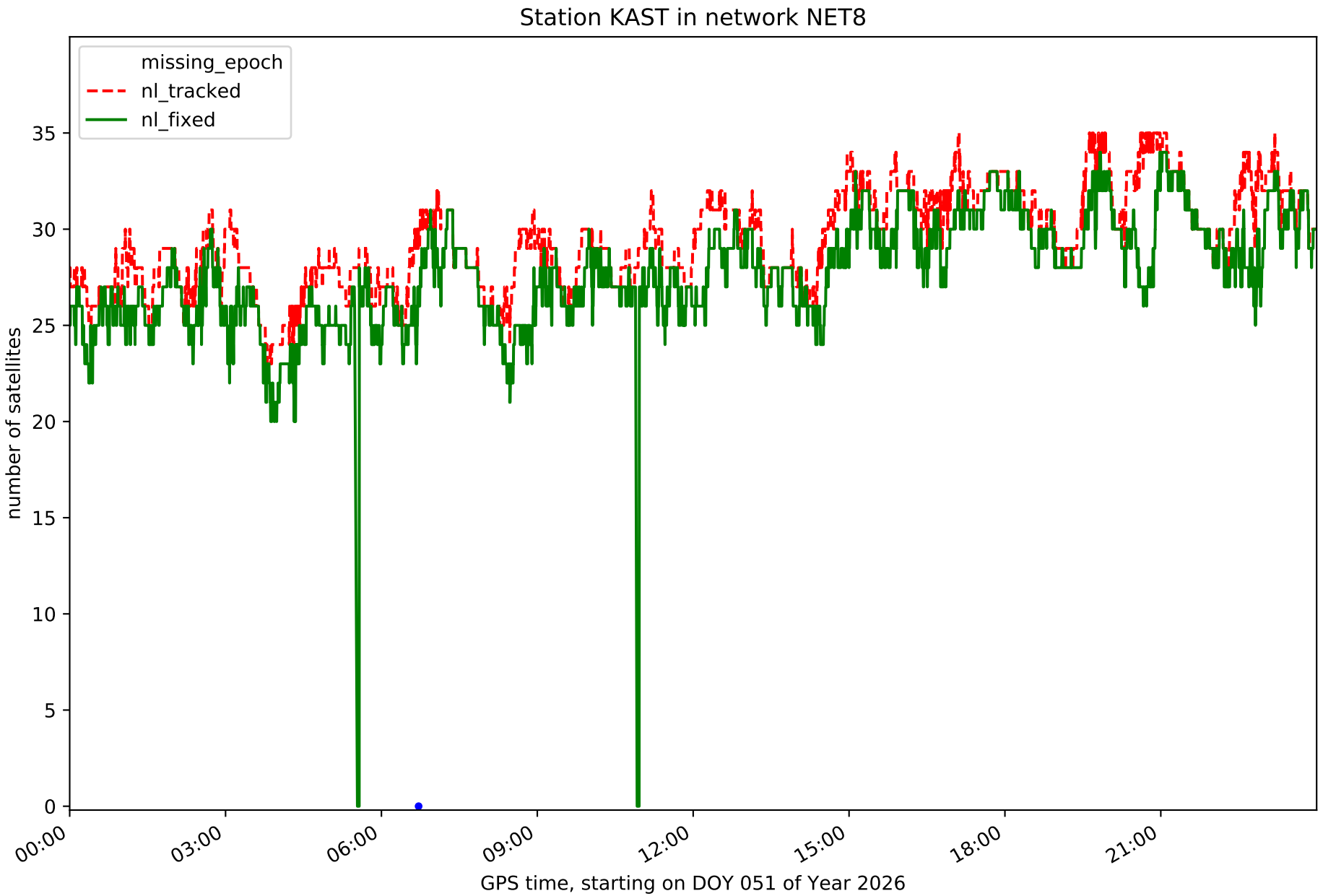

Station AMUR in network NET8
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

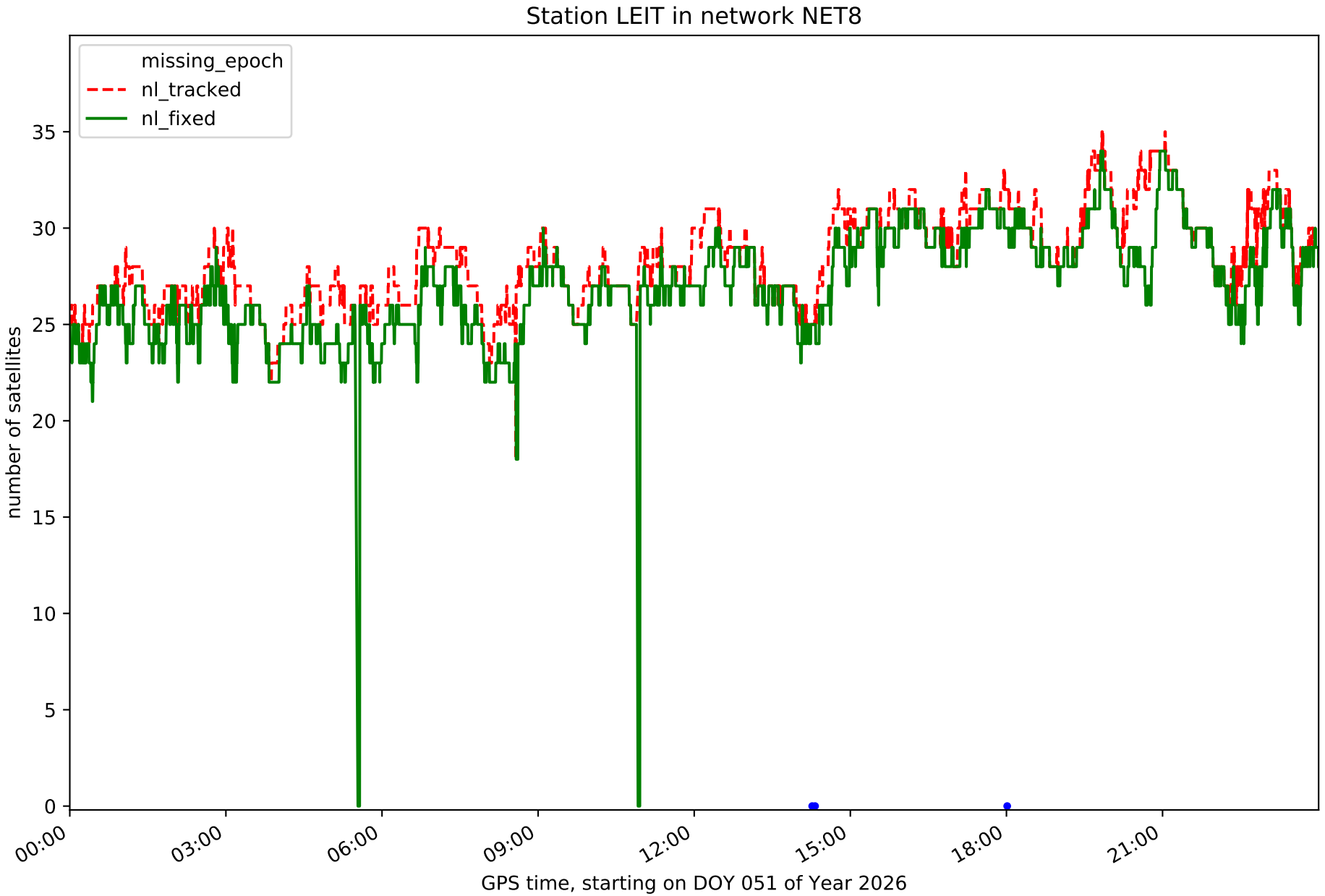

Station ELGE in network NET8
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

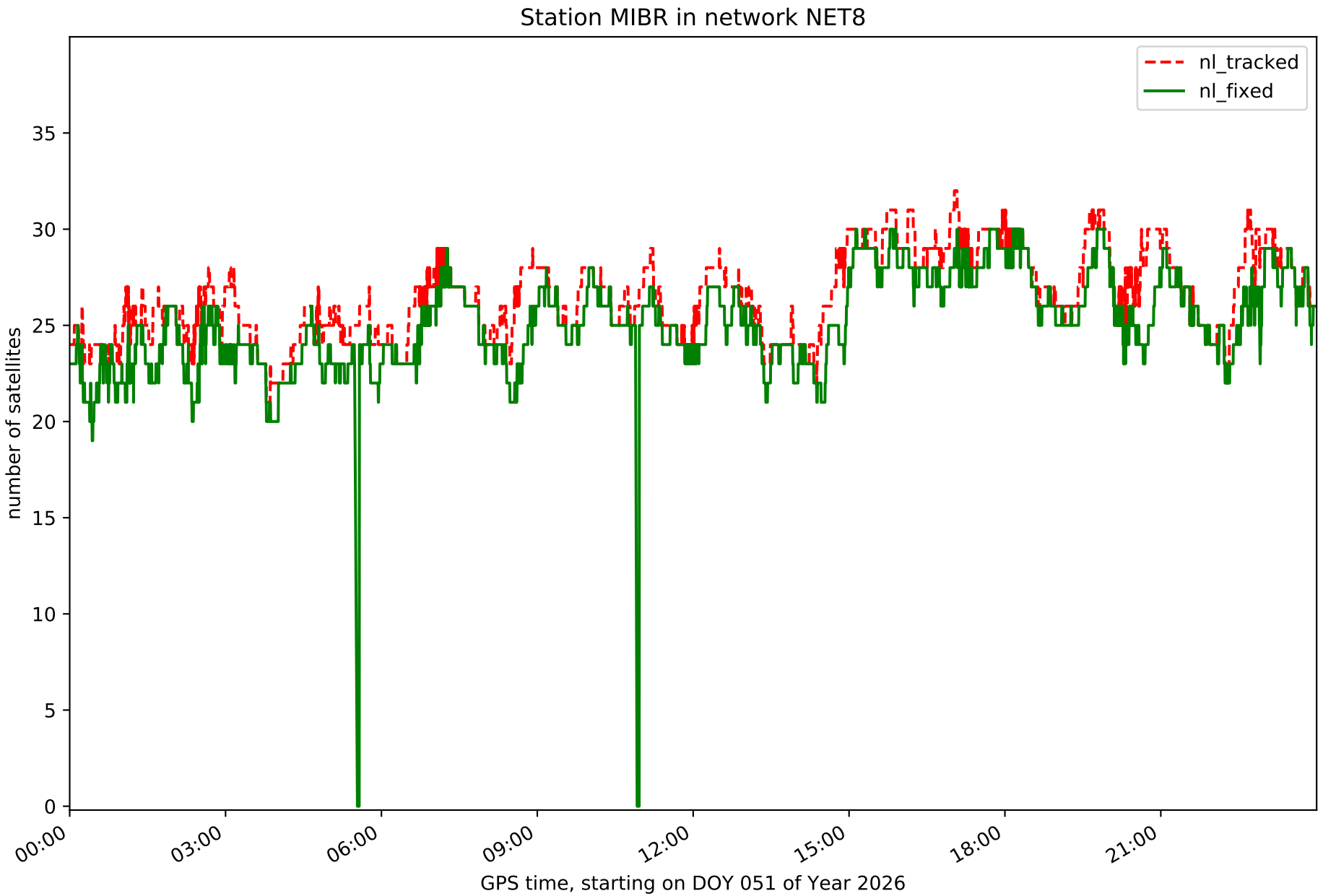

Station ESTE in network NET8
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

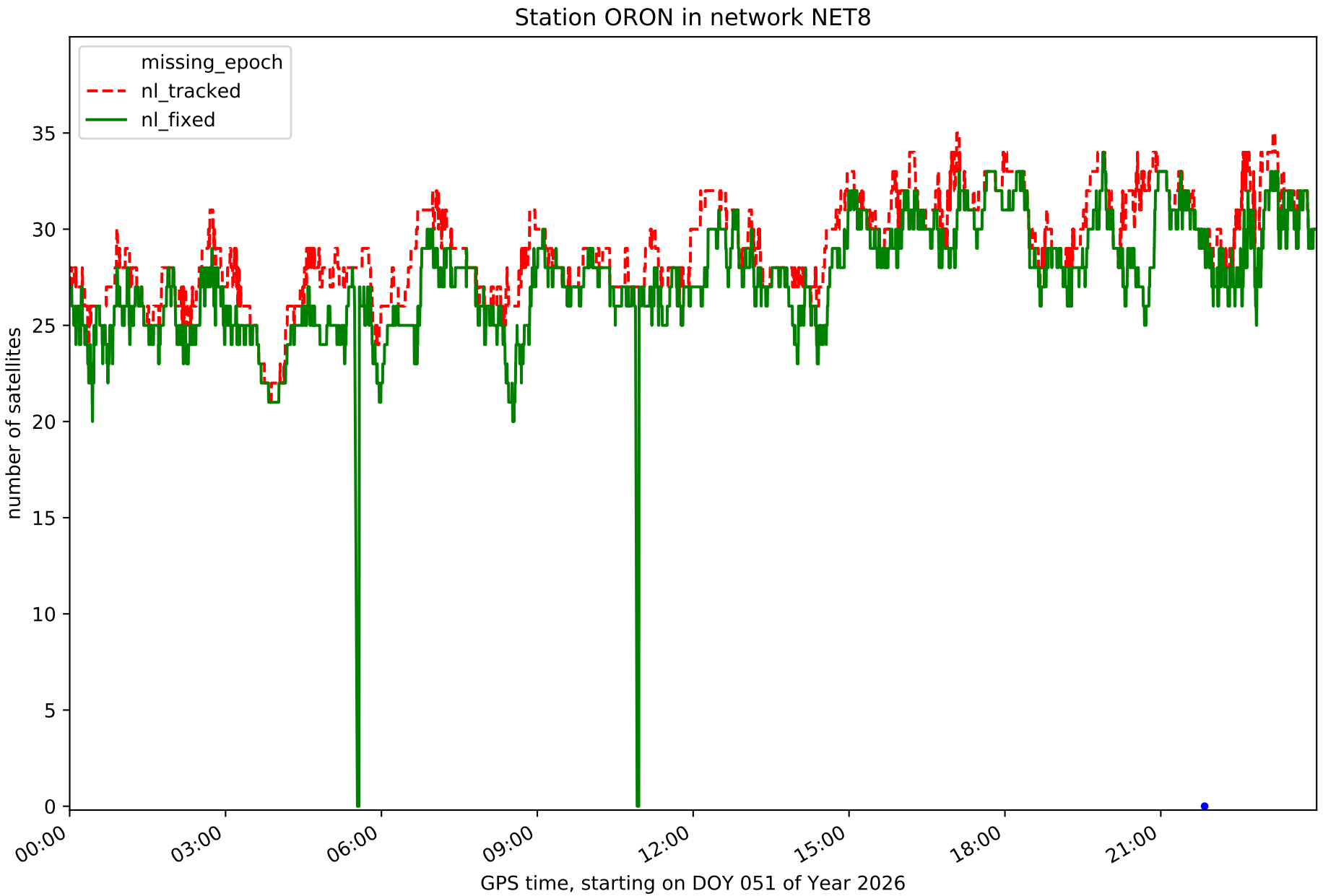

Station HOND in network NET8
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

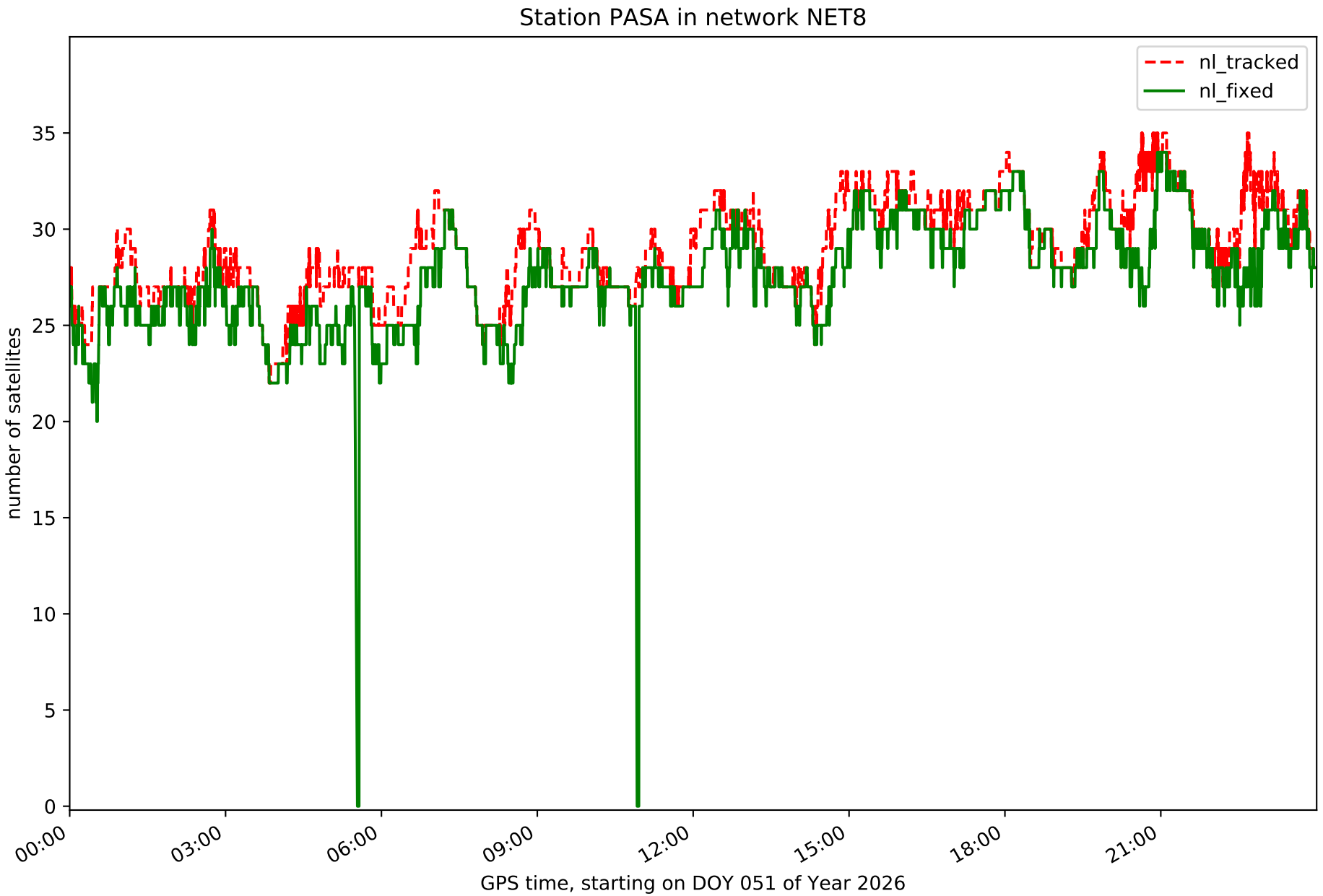

Station ISPS in network NET8
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

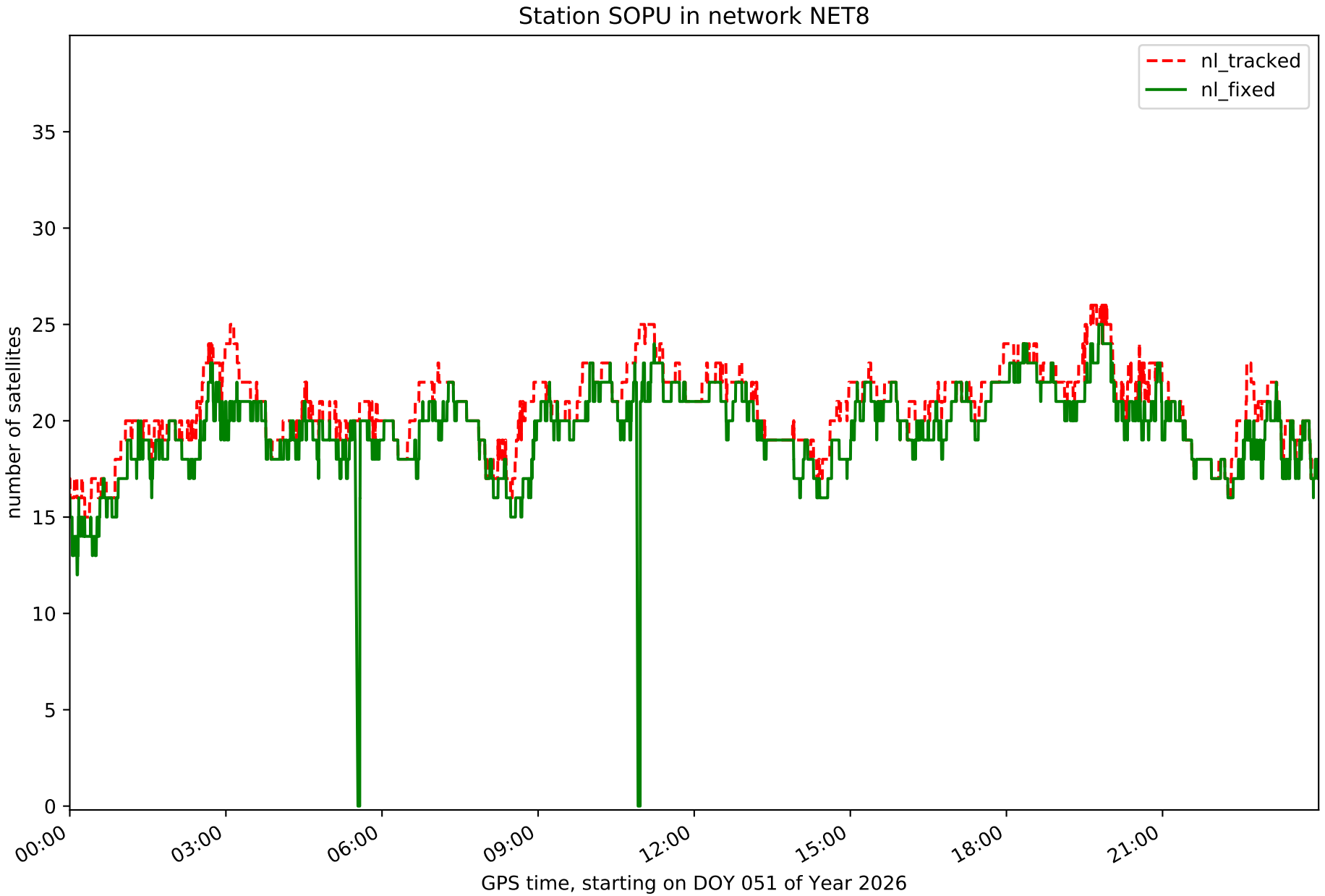

Station KAST in network NET8
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

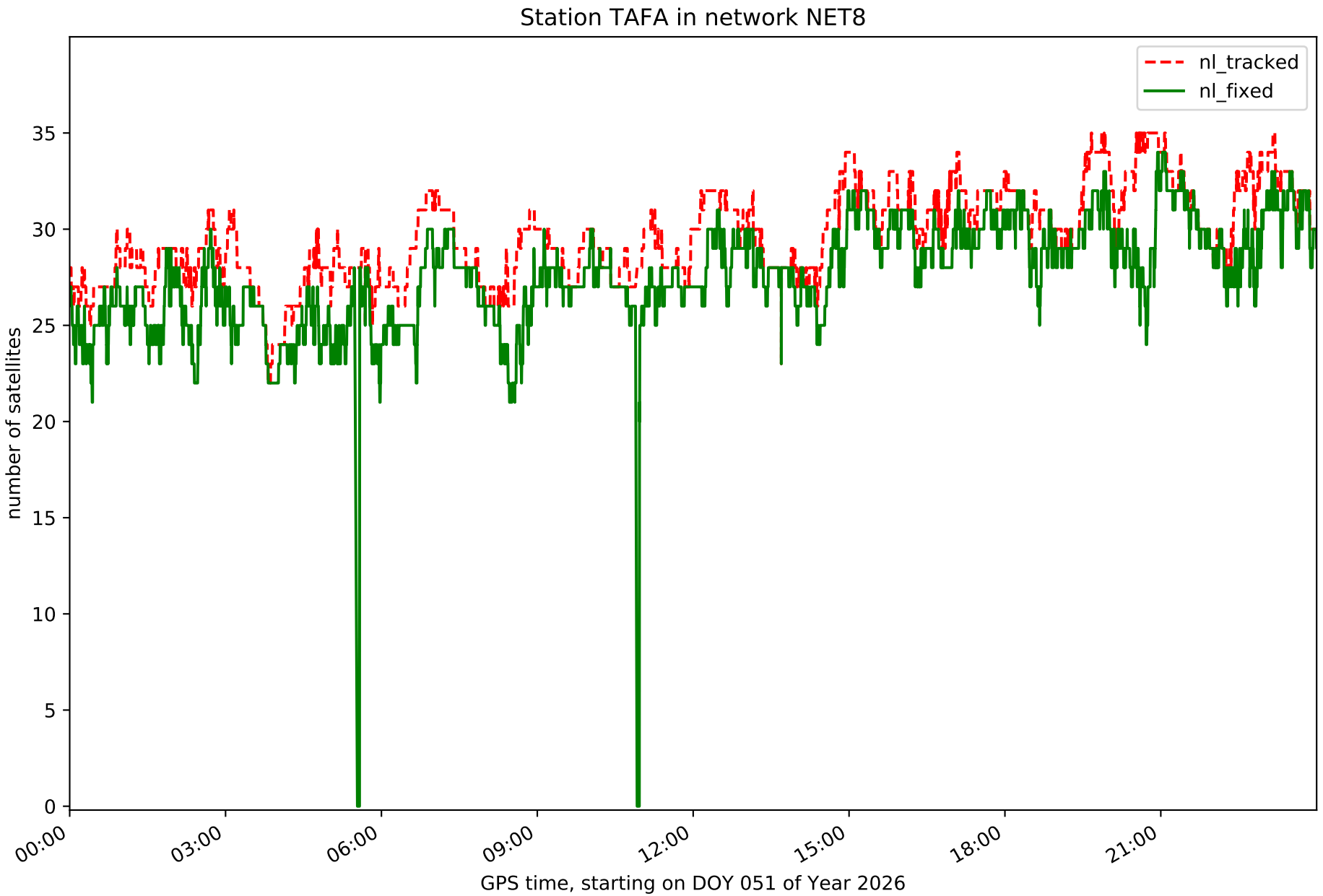

Station LEIT in network NET8
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

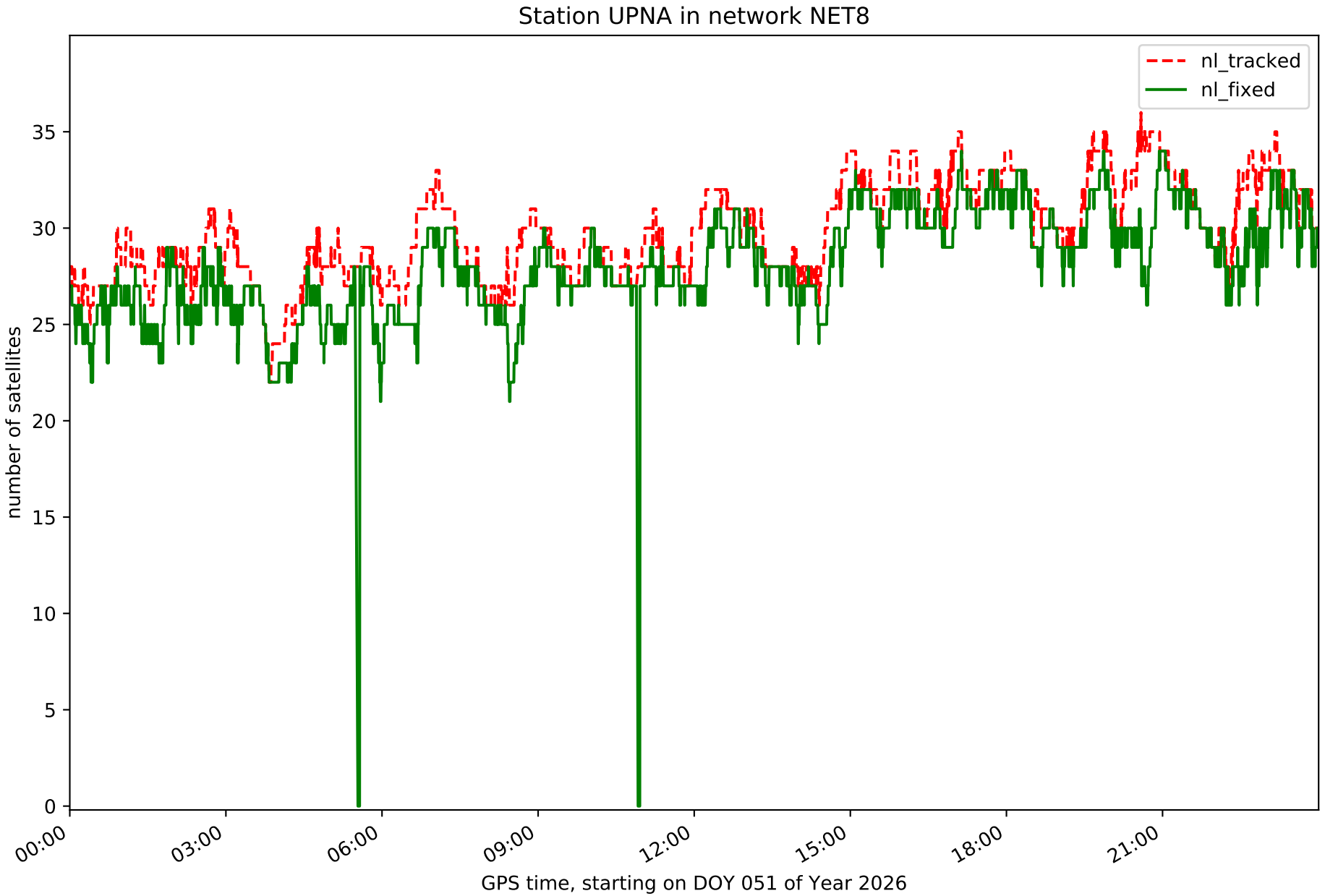

Station MIBR in network NET8
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

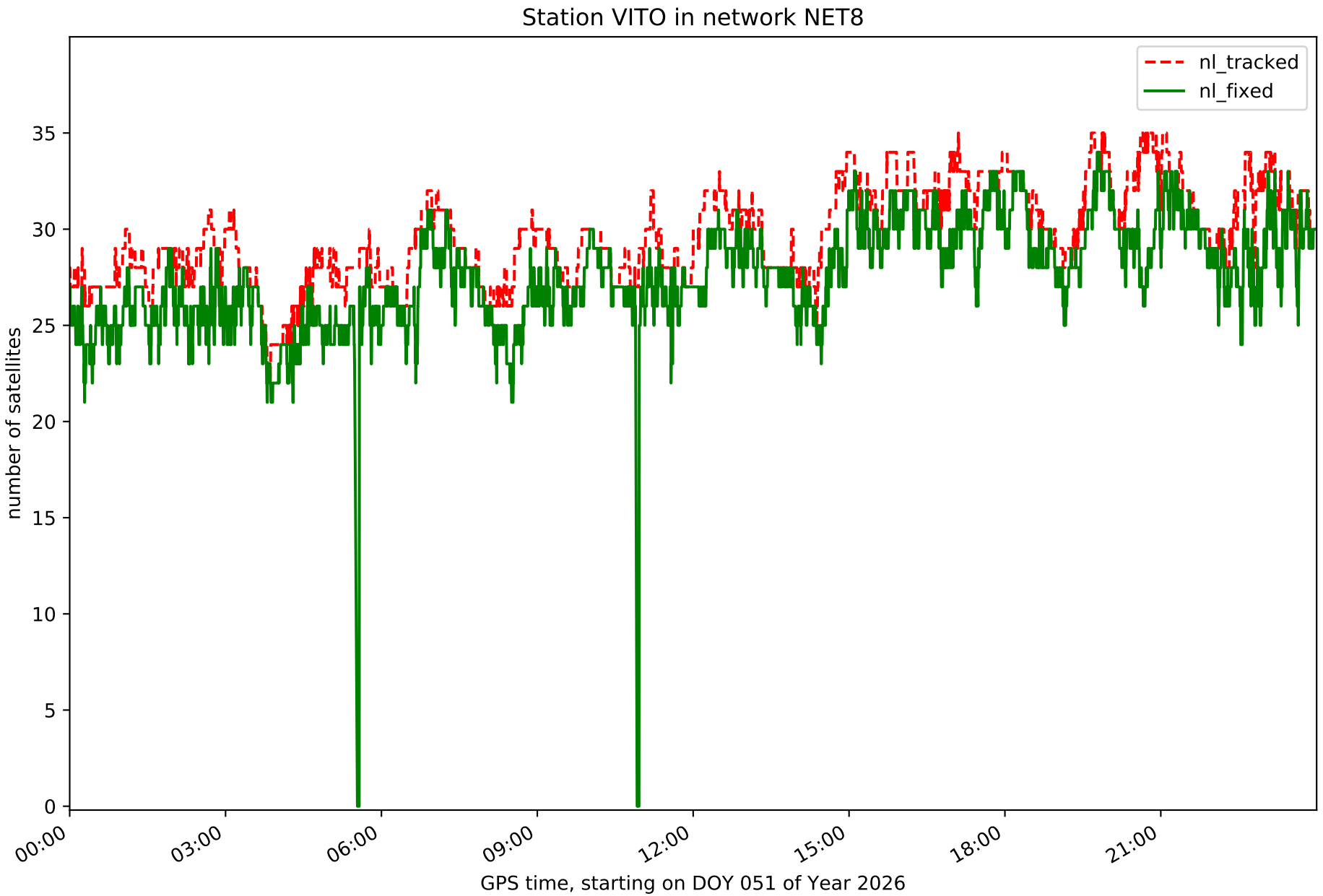

Station ORON in network NET8
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

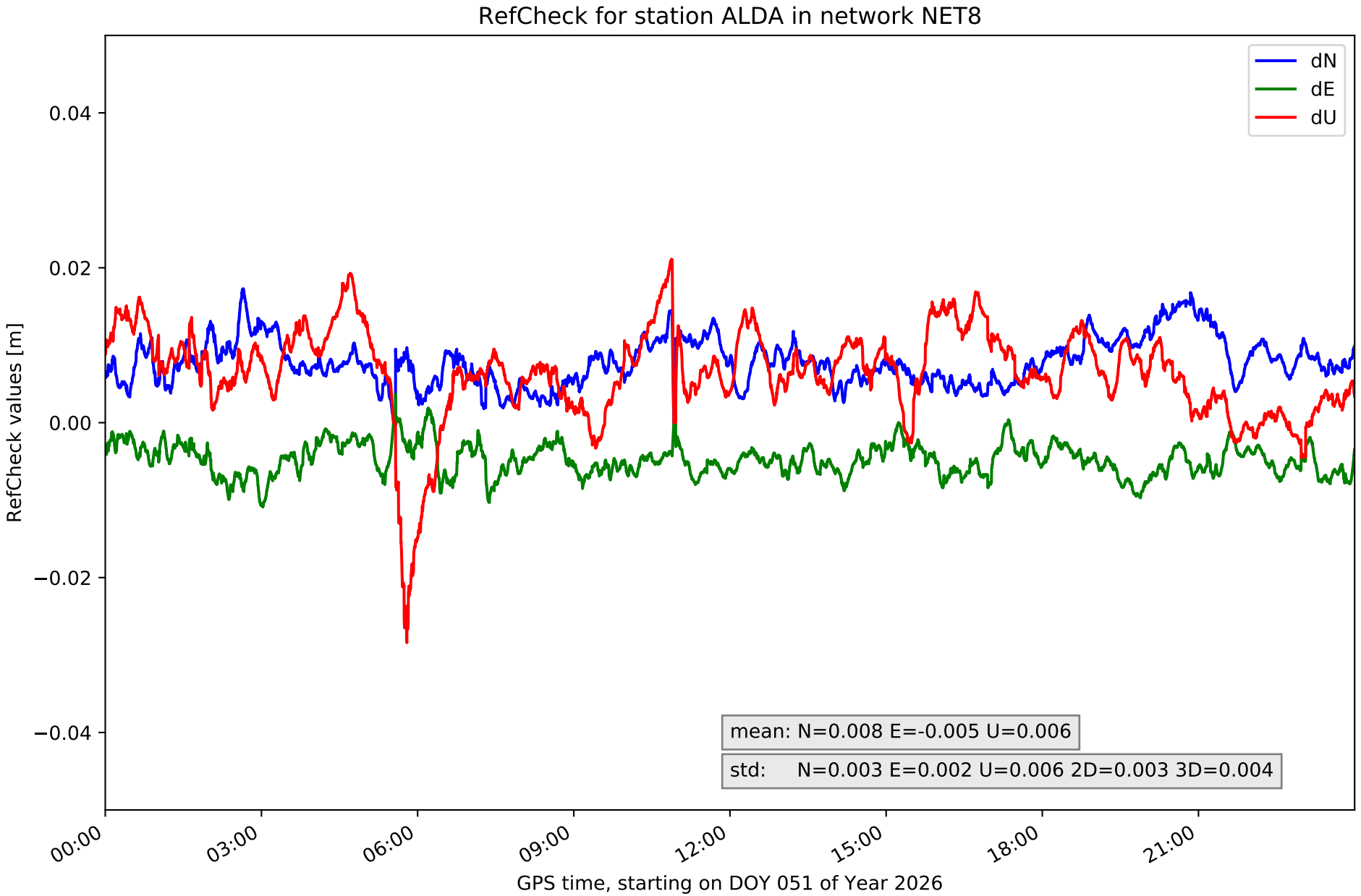

Station PASA in network NET8
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

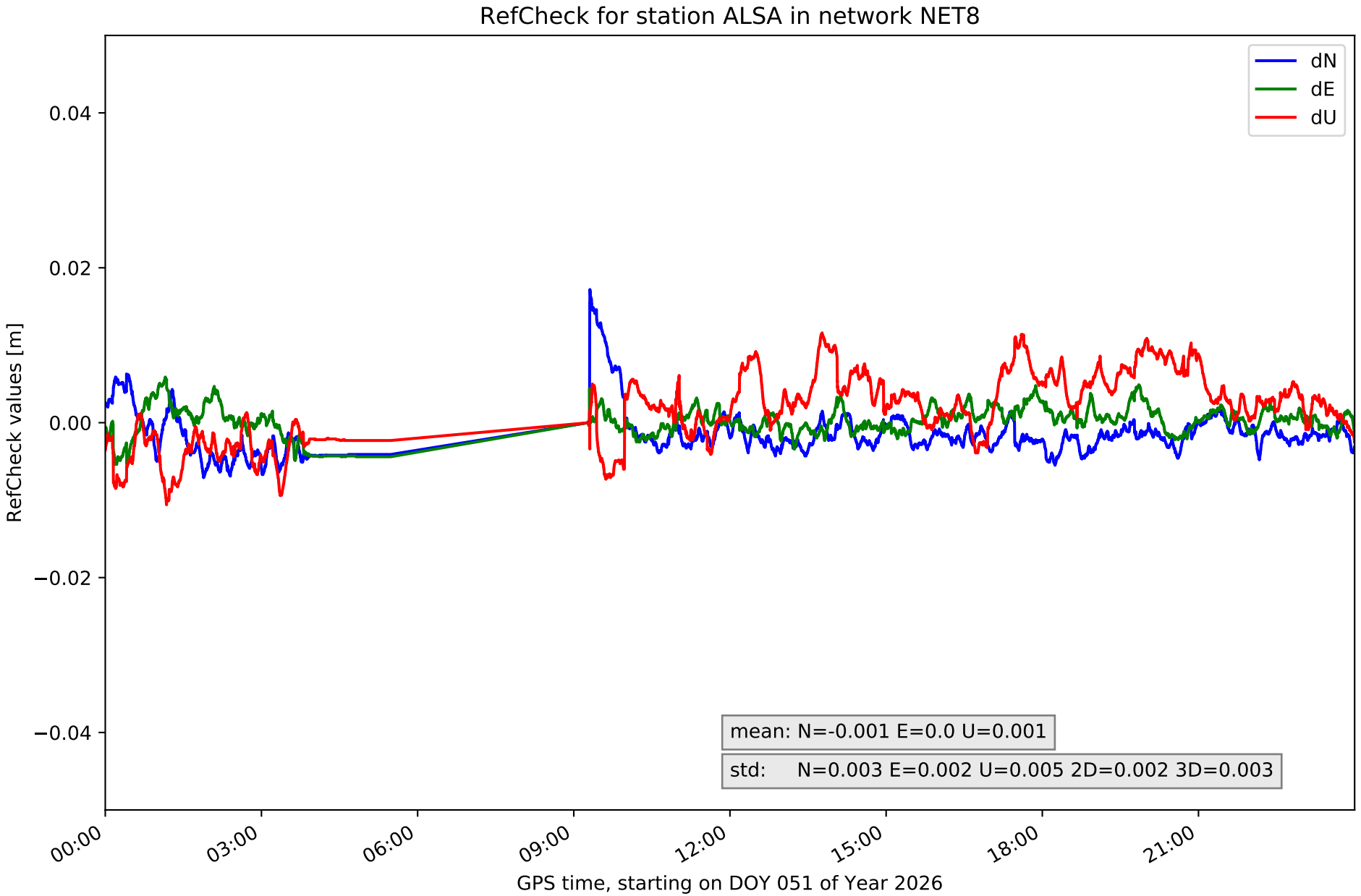

Station SOPU in network NET8
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

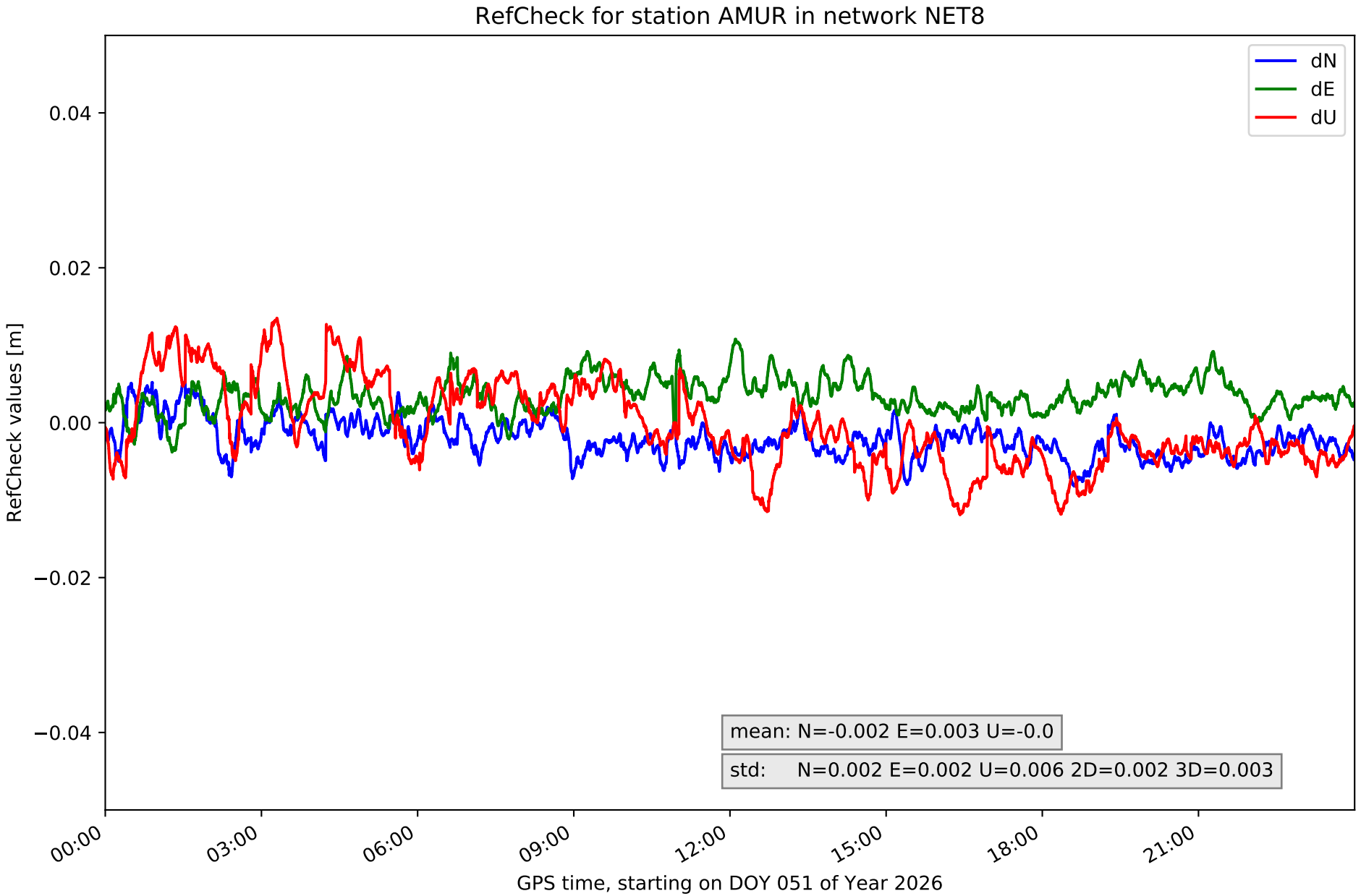

Station TAFA in network NET8
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

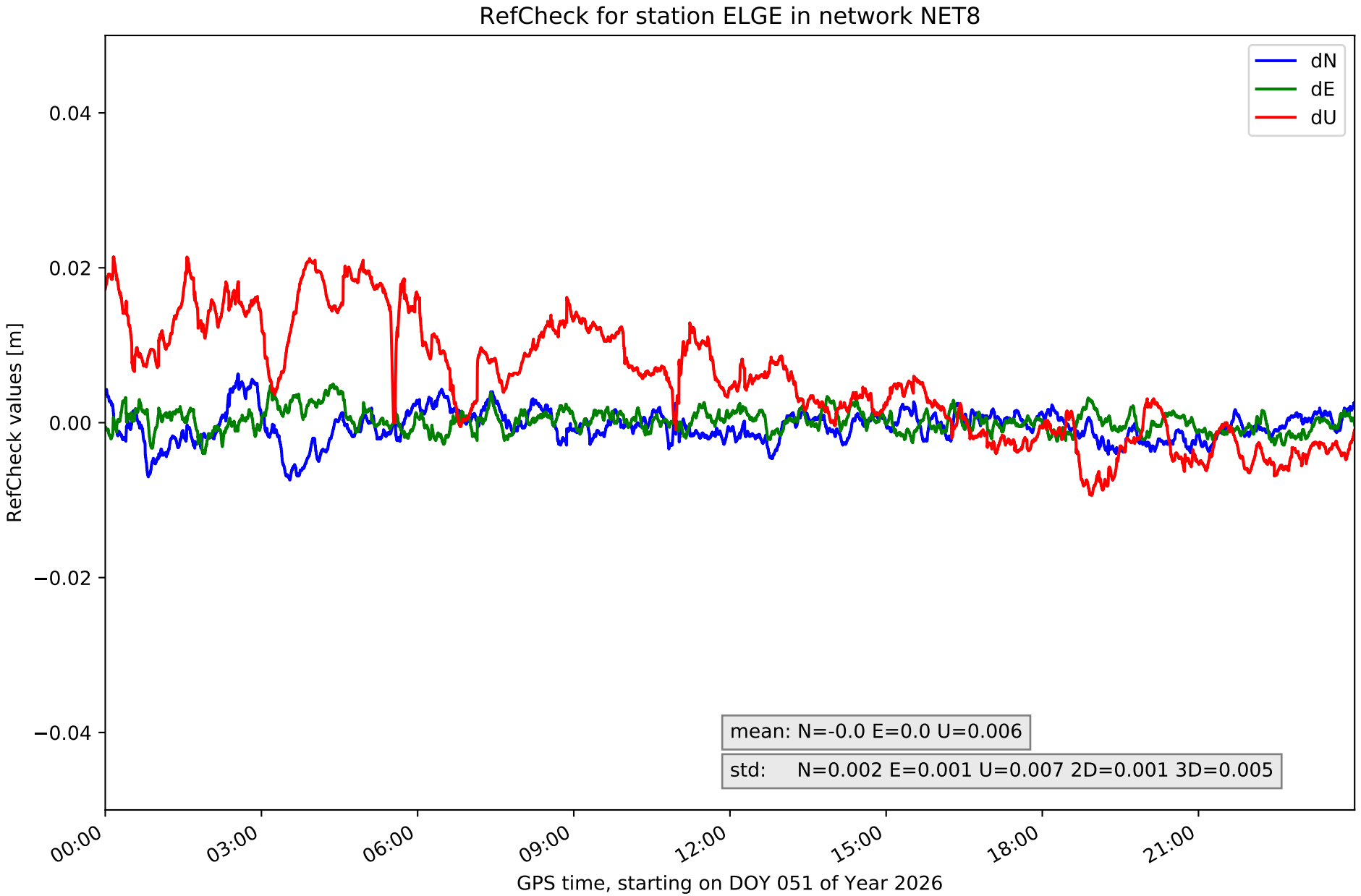

Station UPNA in network NET8
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

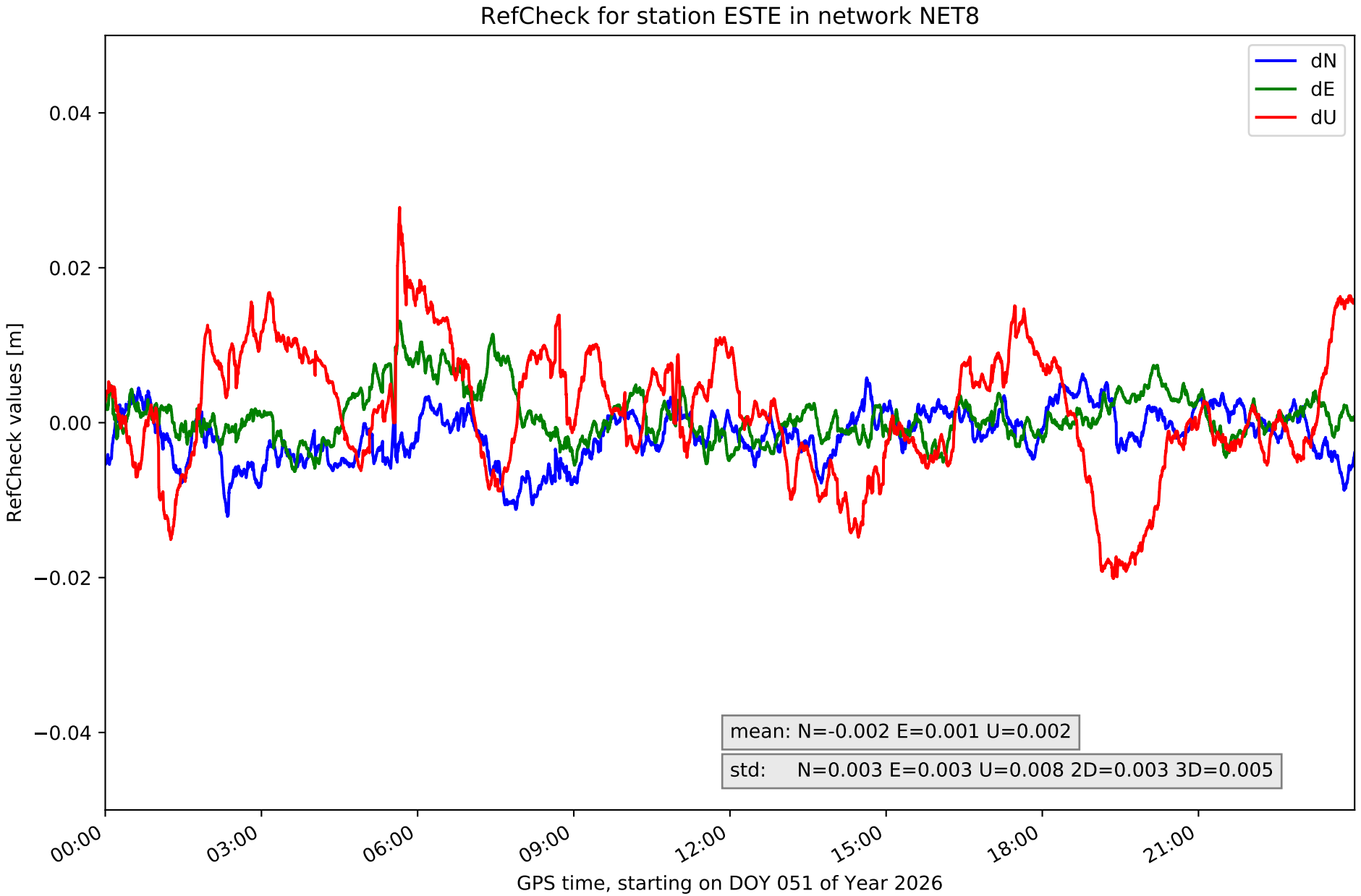

Station VITO in network NET8
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

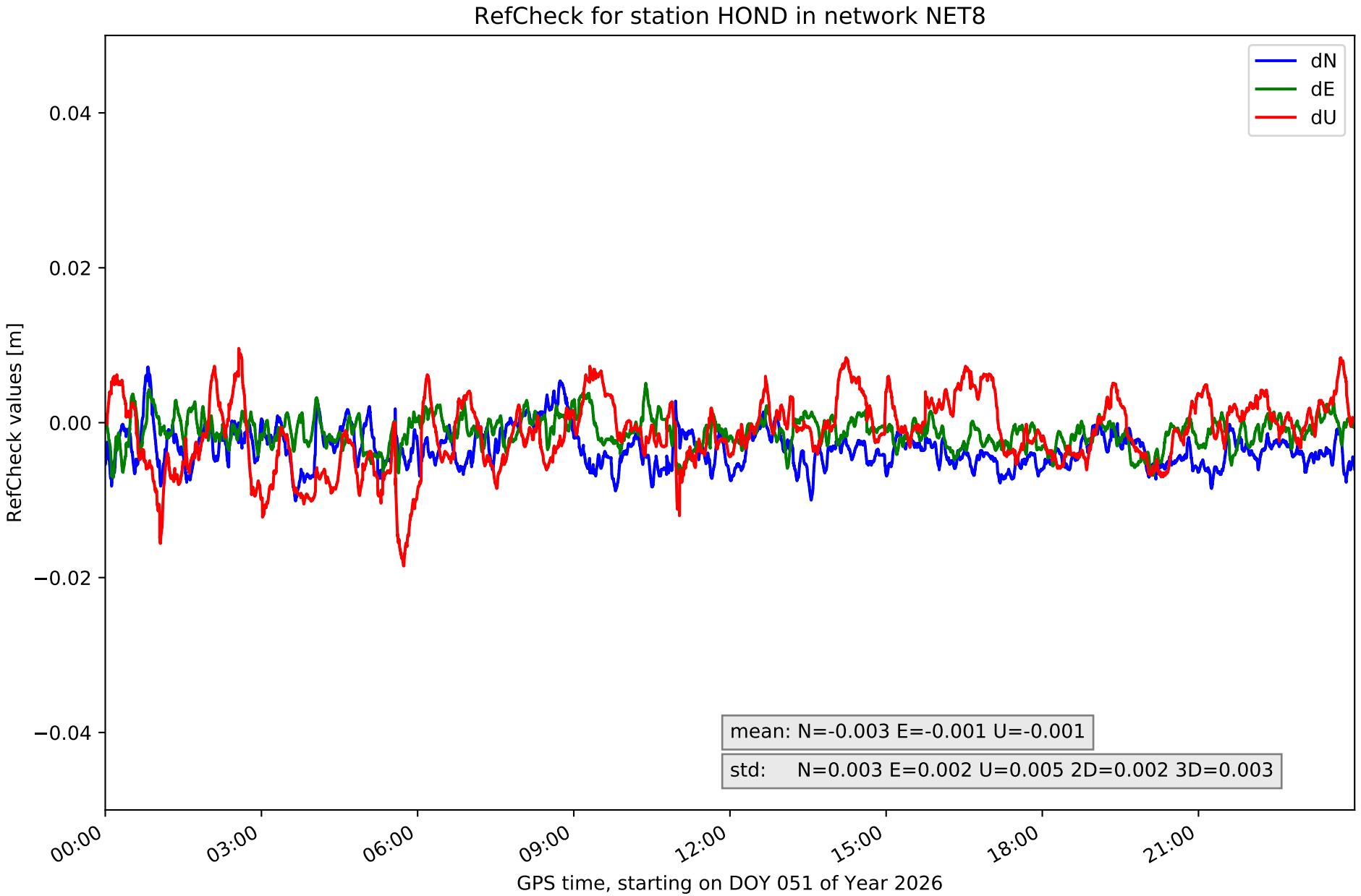

RefCheck for station ALDA in network NET8
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.008 E=-0.005 U=0.006
std: N=0.003 E=0.002 U=0.006 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

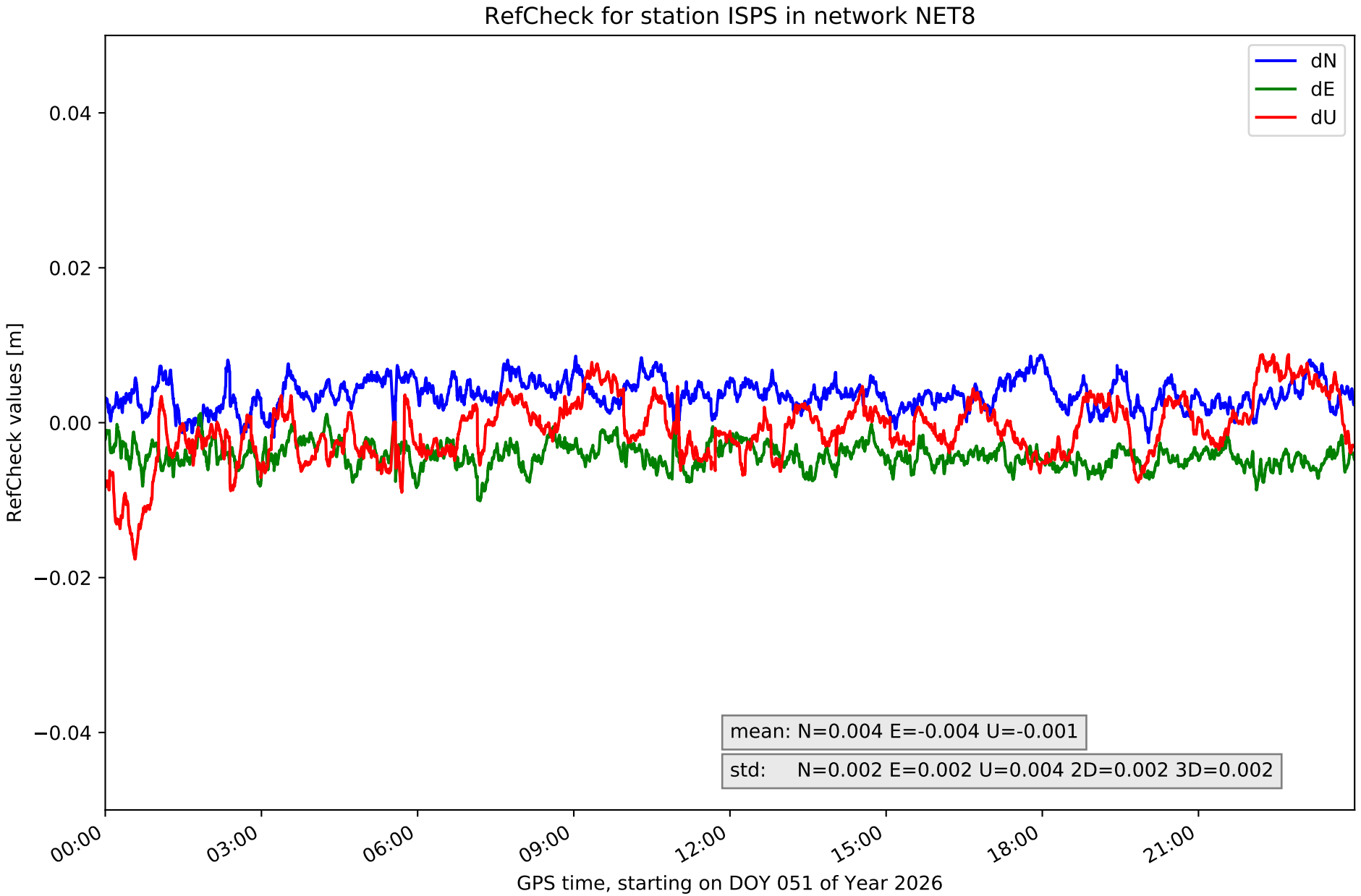

RefCheck for station ALSA in network NET8
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=0.0 U=0.001
std: N=0.003 E=0.002 U=0.005 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

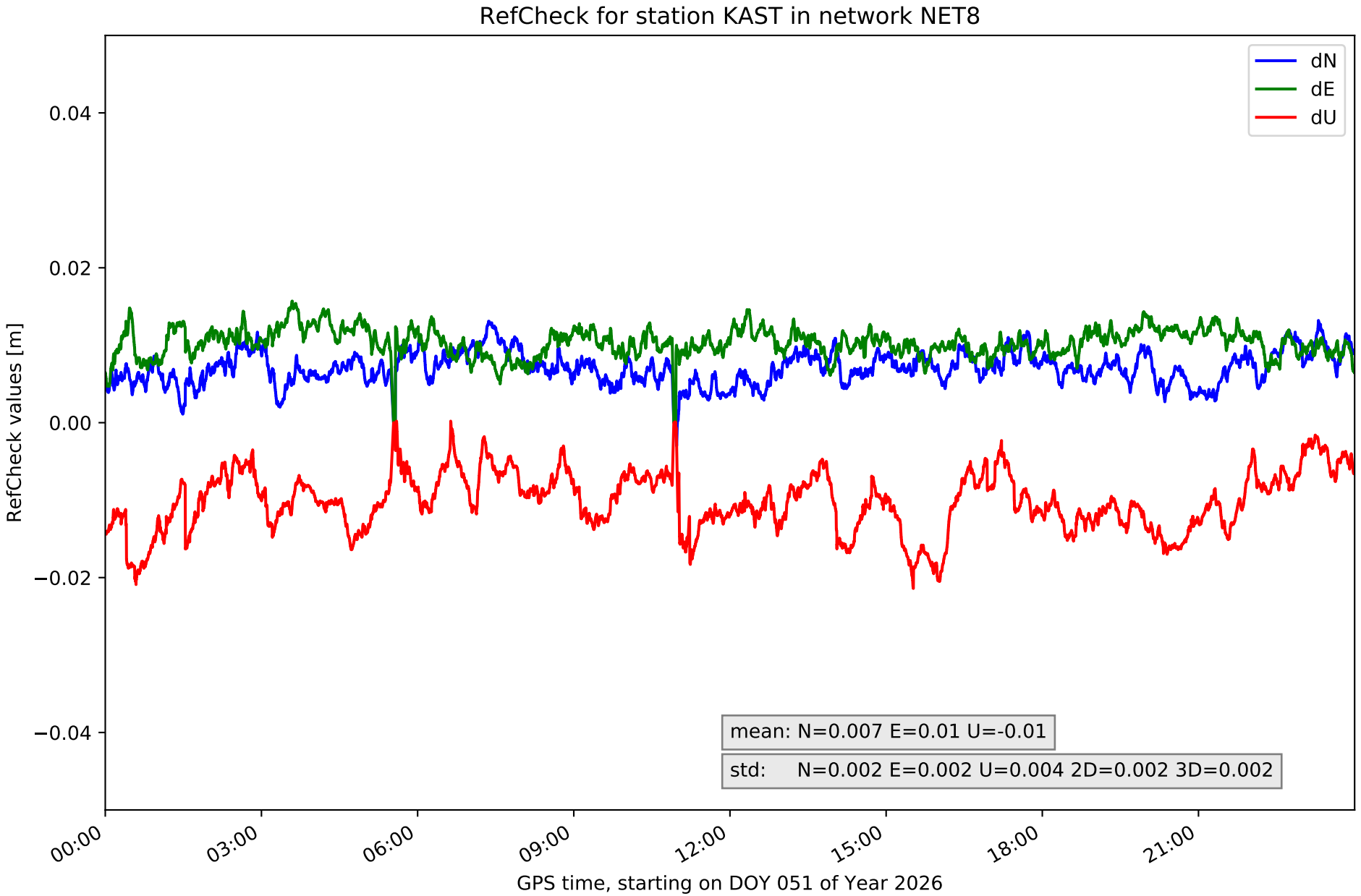

RefCheck for station AMUR in network NET8
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=0.003 U=-0.0
std: N=0.002 E=0.002 U=0.006 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

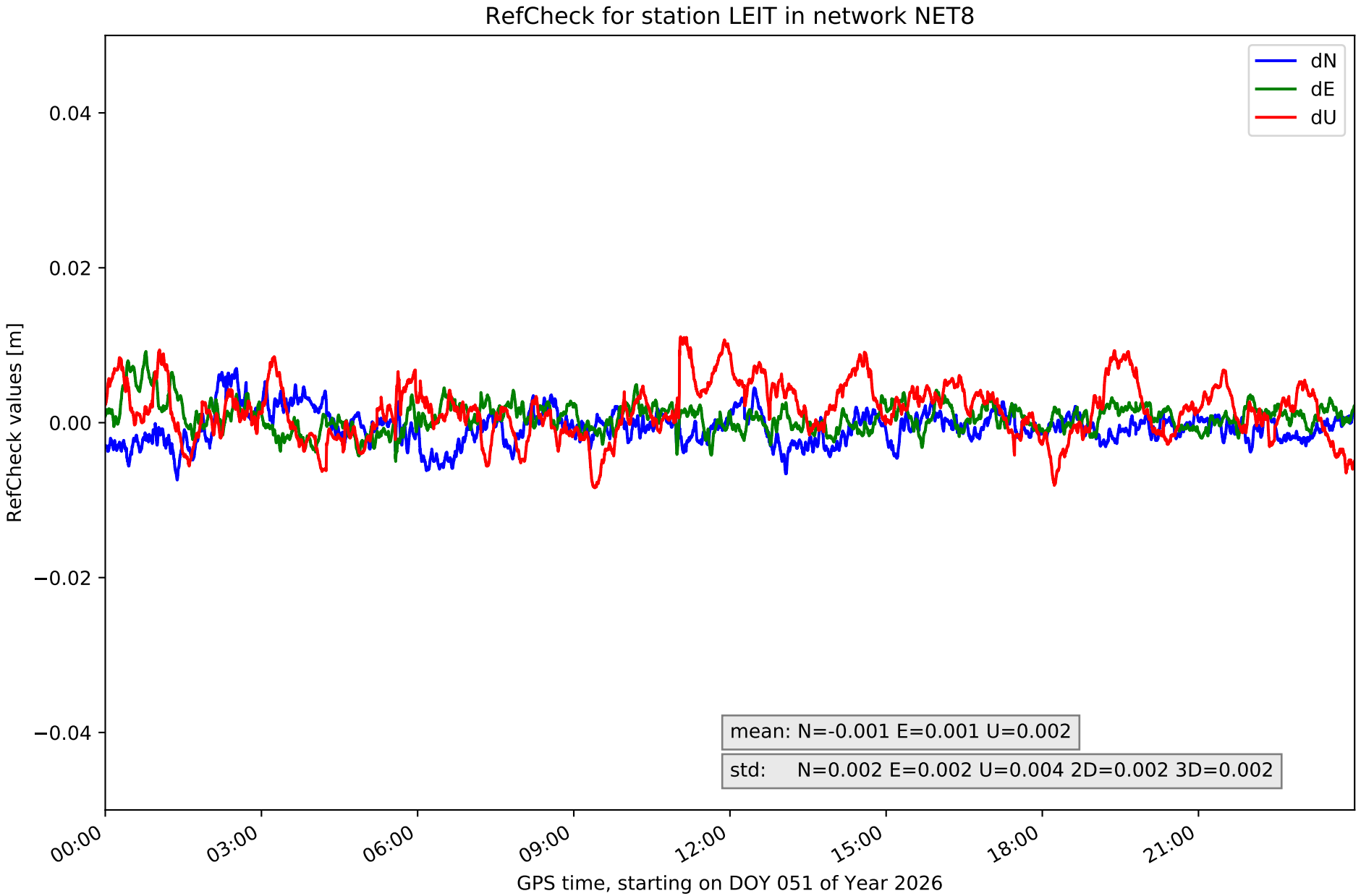

RefCheck for station ELGE in network NET8
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=0.0 U=0.006
std: N=0.002 E=0.001 U=0.007 2D=0.001 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

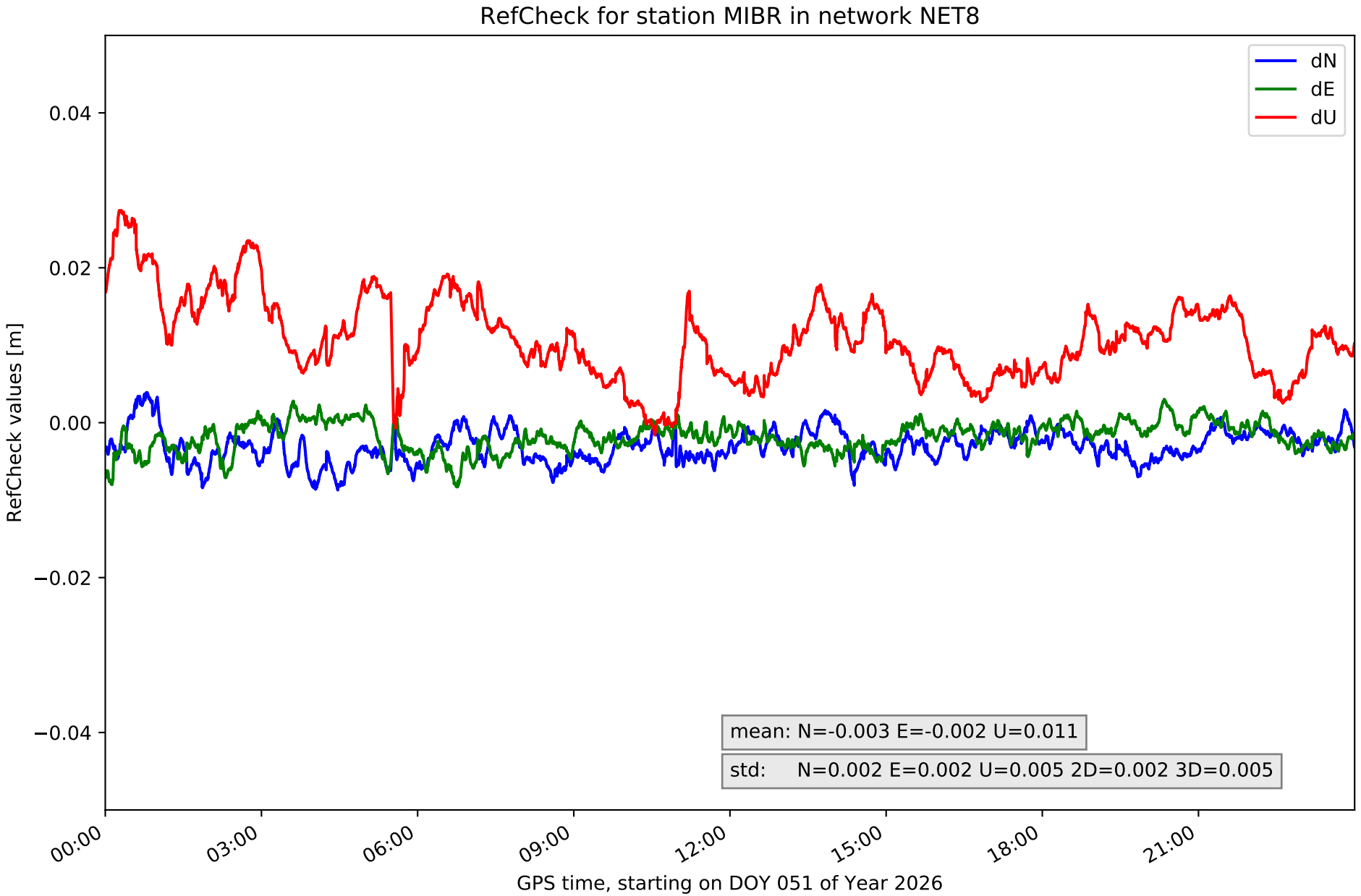

RefCheck for station ESTE in network NET8
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=0.001 U=0.002
std: N=0.003 E=0.003 U=0.008 2D=0.003 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

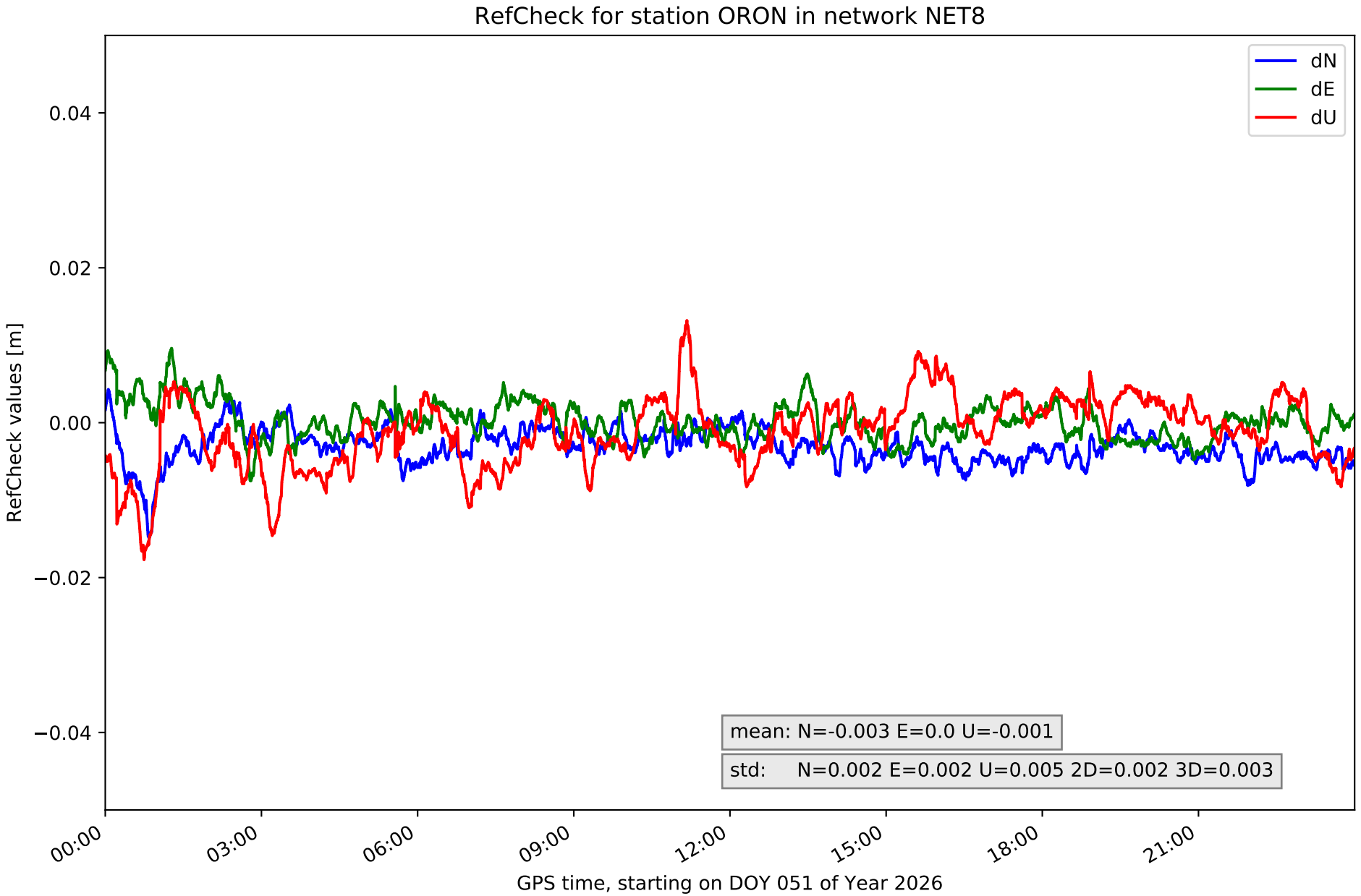

RefCheck for station HOND in network NET8
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=-0.001 U=-0.001
std: N=0.003 E=0.002 U=0.005 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

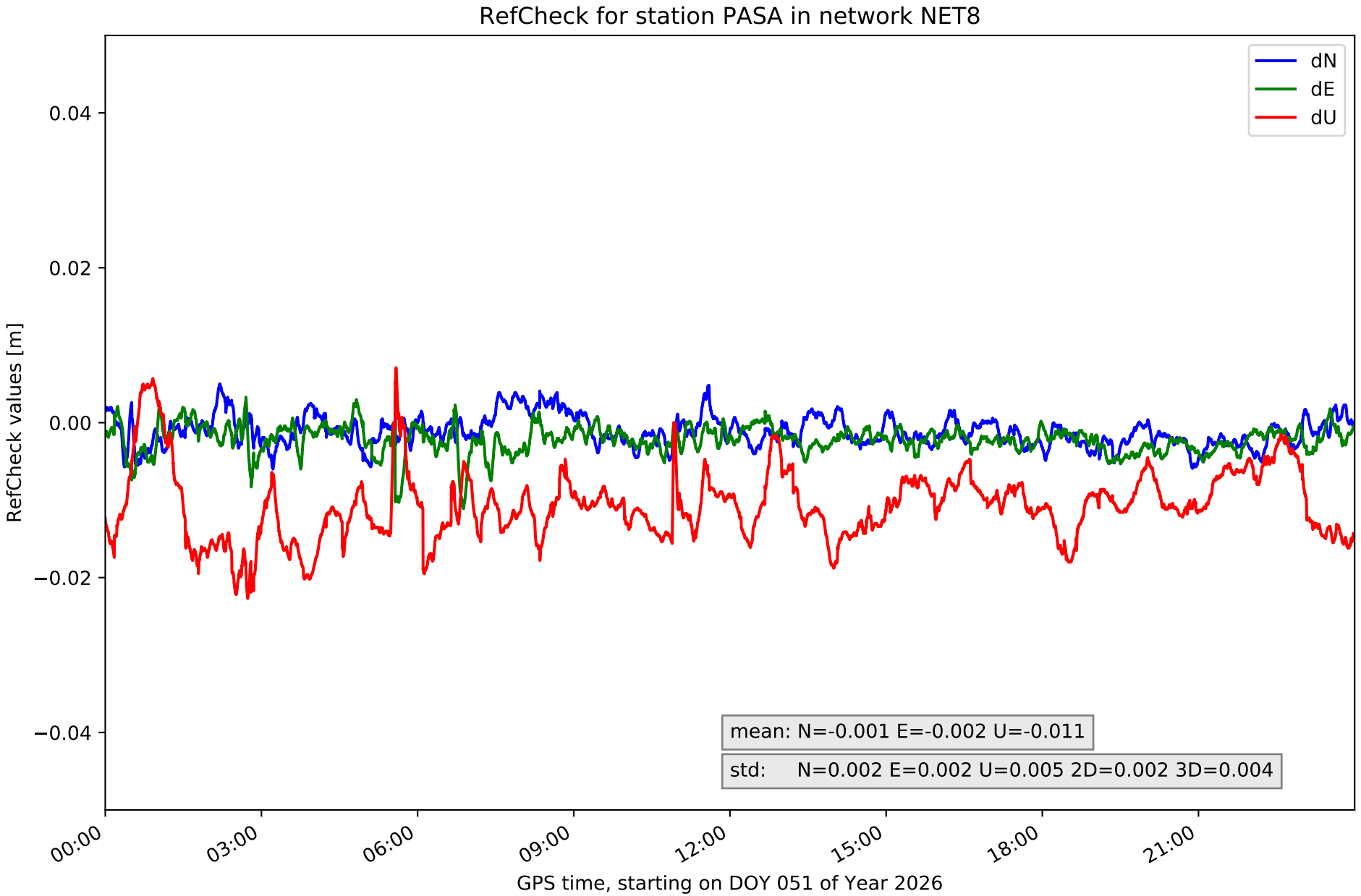

RefCheck for station ISPS in network NET8
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.004 E=-0.004 U=-0.001
std: N=0.002 E=0.002 U=0.004 2D=0.002 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

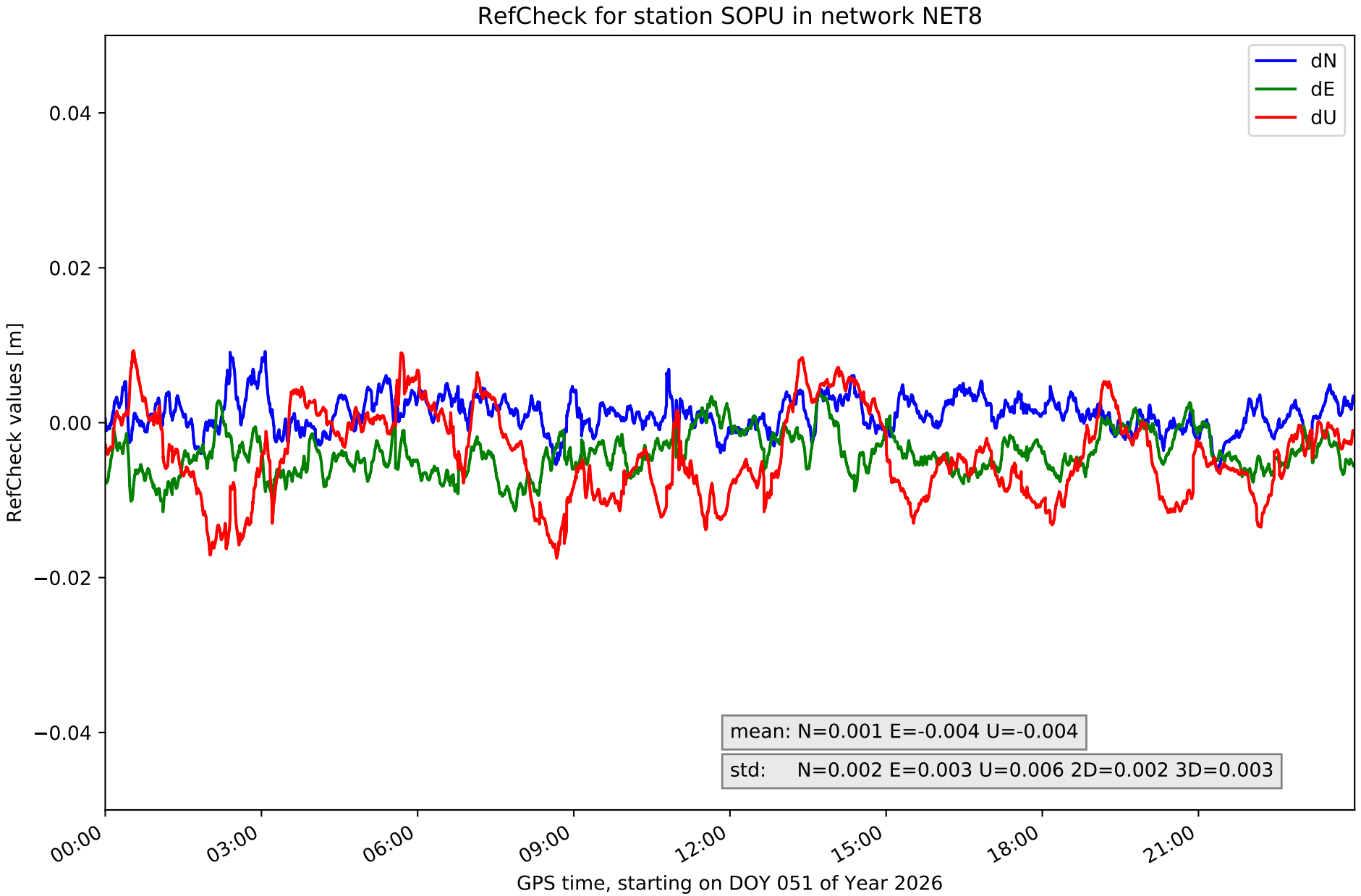

RefCheck for station KAST in network NET8
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.007 E=0.01 U=-0.01
std: N=0.002 E=0.002 U=0.004 2D=0.002 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

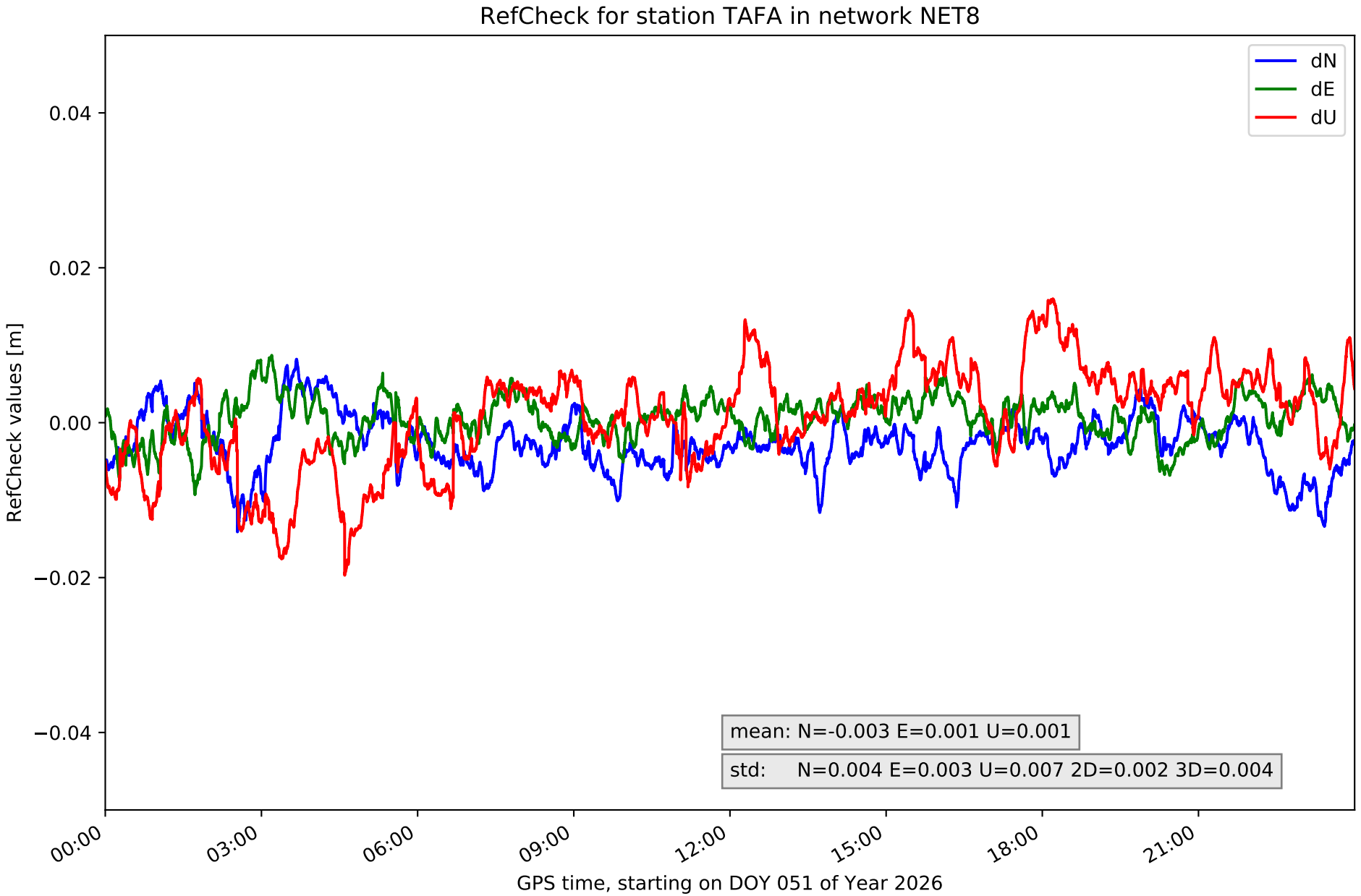

RefCheck for station LEIT in network NET8
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=0.001 U=0.002
std: N=0.002 E=0.002 U=0.004 2D=0.002 3D=0.002
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

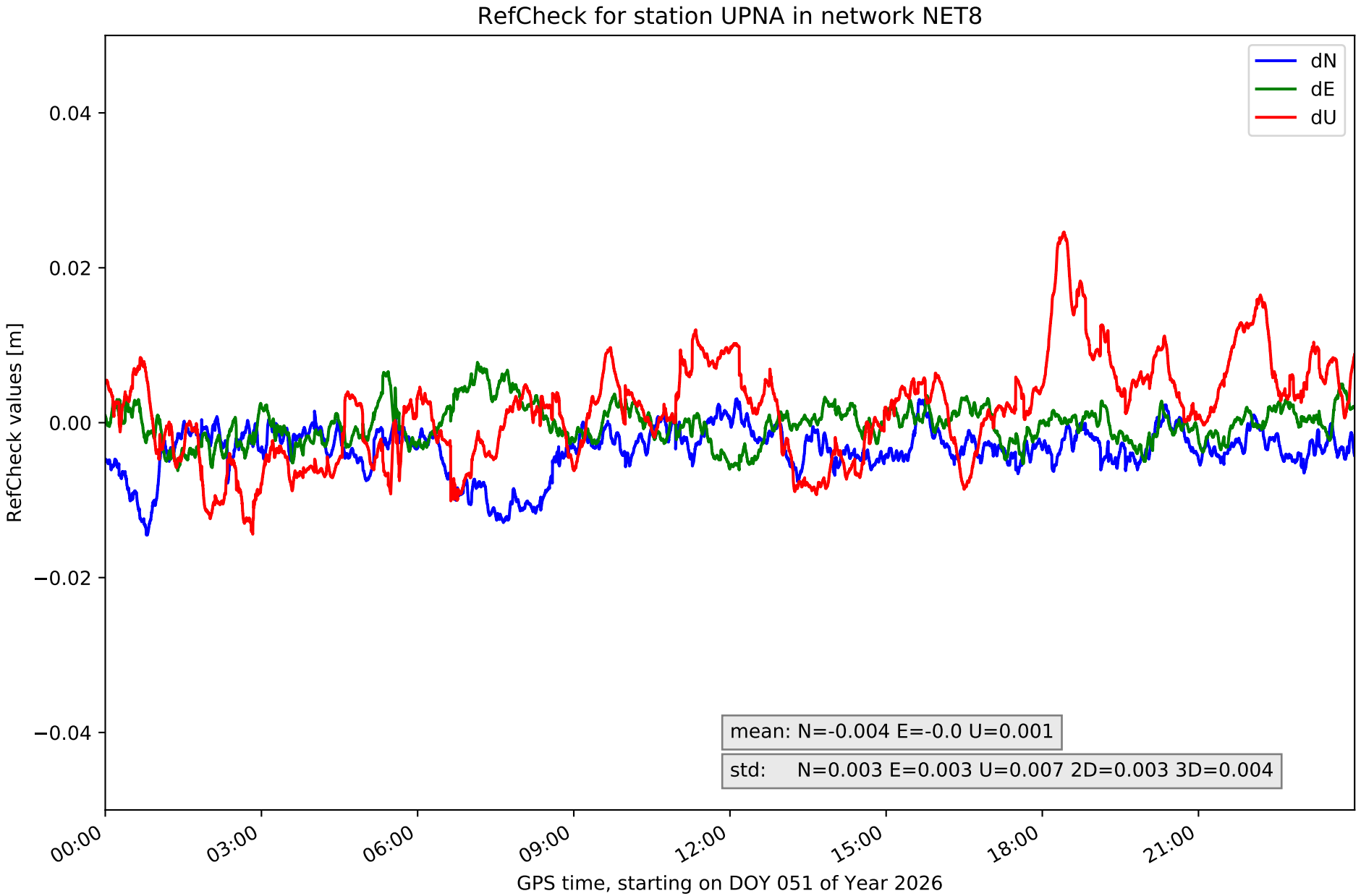

RefCheck for station MIBR in network NET8
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=-0.002 U=0.011
std: N=0.002 E=0.002 U=0.005 2D=0.002 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

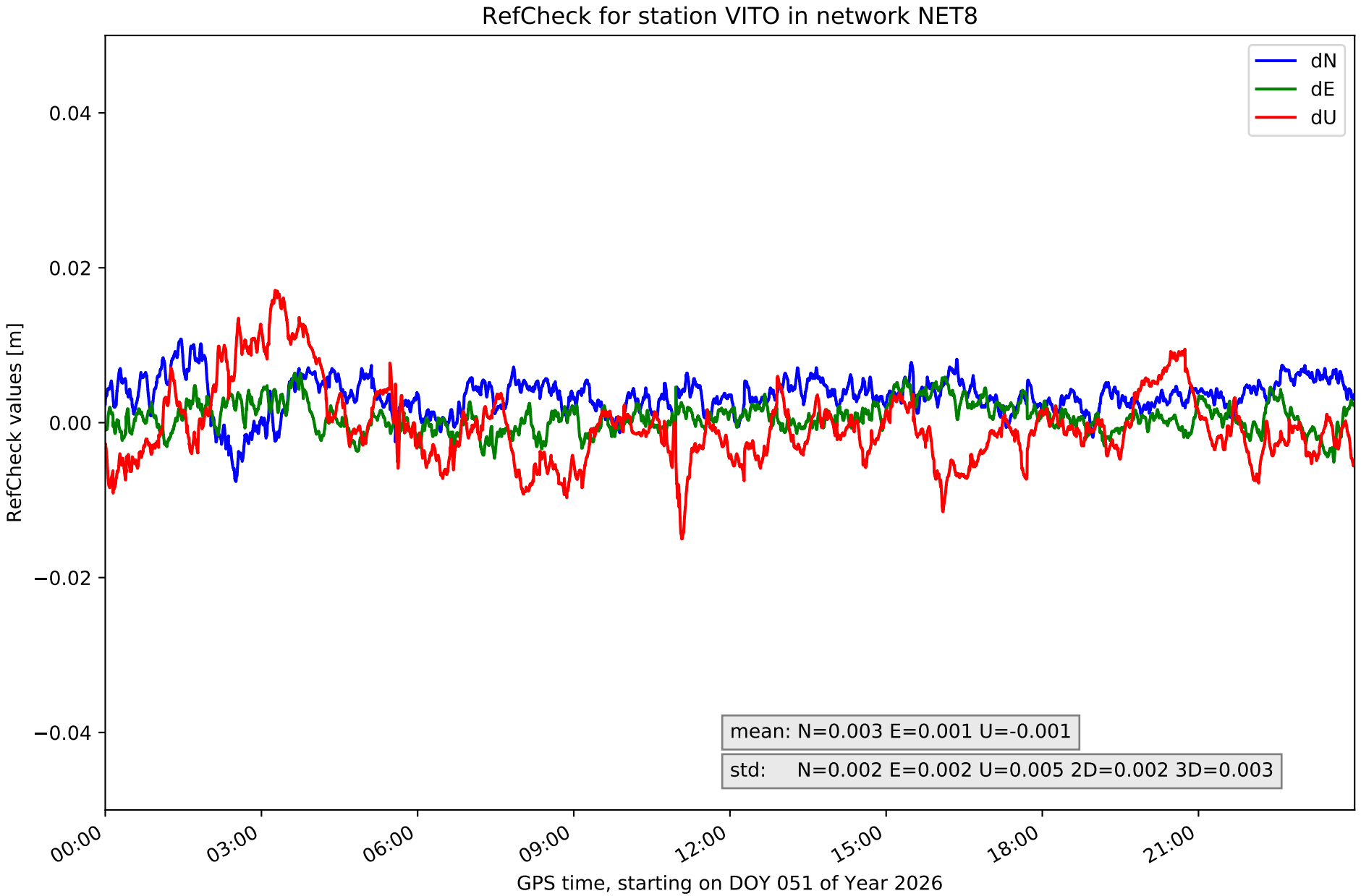

RefCheck for station ORON in network NET8
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=0.0 U=-0.001
std: N=0.002 E=0.002 U=0.005 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026


RefCheck for station PASA in network NET8
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=-0.002 U=-0.011
std: N=0.002 E=0.002 U=0.005 2D=0.002 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026


RefCheck for station SOPU in network NET8
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=-0.004 U=-0.004
std: N=0.002 E=0.003 U=0.006 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026


RefCheck for station TAFA in network NET8
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=0.001 U=0.001
std: N=0.004 E=0.003 U=0.007 2D=0.002 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026


RefCheck for station UPNA in network NET8
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=-0.0 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 051 of Year 2026


RefCheck for station VITO in network NET8
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=0.001 U=-0.001
std: N=0.002 E=0.002 U=0.005 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 051 of Year 2026

RefCheck values for network NET8

Station	Nmin	Nmax	Nstd	Emin	Emax	Estd	Umin	Umax	Ustd	std2D	std3D	#2D > 0.01	% 2D > 0.01	#3D > 0.02	% 3D > 0.02
ALDA	-0.0	**0.017**	0.003	**-0.011**	0.004	0.002	**-0.028**	0.021	0.006	**0.003**	0.004	26226	38.7	1726	2.5
ALSA	-0.007	**0.017**	0.003	-0.005	0.006	0.002	-0.011	0.012	0.005	0.002	0.003	1018	1.8	0	0.0
AMUR	-0.008	0.005	0.002	-0.004	0.011	0.002	-0.012	0.013	0.006	0.002	0.003	606	0.9	0	0.0
ELGE	-0.007	0.006	0.002	-0.004	0.005	0.001	-0.009	0.021	0.007	0.001	**0.005**	0	0.0	1249	1.8
ESTE	-0.012	0.006	0.003	-0.006	0.013	**0.003**	-0.02	**0.028**	**0.008**	**0.003**	**0.005**	2787	4.1	1001	1.5
HOND	-0.01	0.007	0.003	-0.007	0.005	0.002	-0.018	0.01	0.005	0.002	0.003	136	0.2	0	0.0
ISPS	-0.003	0.009	0.002	-0.01	0.001	0.002	-0.018	0.009	0.004	0.002	0.002	311	0.5	0	0.0
KAST	-0.003	0.013	0.002	-0.0	**0.016**	0.002	-0.021	0.0	0.004	0.002	0.002	**64343**	**95.0**	**5959**	**8.8**
LEIT	-0.007	0.007	0.002	-0.005	0.009	0.002	-0.008	0.011	0.004	0.002	0.002	0	0.0	0	0.0
MIBR	-0.009	0.004	0.002	-0.008	0.003	0.002	-0.002	0.027	0.005	0.002	**0.005**	0	0.0	4988	7.4
ORON	**-0.015**	0.004	0.002	-0.007	0.01	0.002	-0.018	0.013	0.005	0.002	0.003	1138	1.7	395	0.6
PASA	-0.006	0.005	0.002	**-0.011**	0.003	0.002	-0.023	0.007	0.005	0.002	0.004	337	0.5	1074	1.6
SOPU	-0.006	0.009	0.002	**-0.011**	0.004	**0.003**	-0.018	0.009	0.006	0.002	0.003	941	1.4	0	0.0
TAFA	-0.014	0.008	**0.004**	-0.009	0.009	**0.003**	-0.02	0.016	0.007	0.002	0.004	3314	4.9	6	0.0
UPNA	**-0.015**	0.003	0.003	-0.006	0.008	**0.003**	-0.014	0.025	0.007	**0.003**	0.004	6137	9.1	669	1.0
VITO	-0.008	0.011	0.002	-0.005	0.006	0.002	-0.015	0.017	0.005	0.002	0.003	489	0.7	0	0.0
Mean	**-0.008**	**0.008**	**0.002**	**-0.007**	**0.007**	**0.002**	**-0.016**	**0.015**	**0.006**	**0.002**	**0.003**	**6736.4**	**10.0**	**1066.7**	**1.6**
Min/Max	**-0.015**	**0.017**	**0.004**	**-0.011**	**0.016**	**0.003**	**-0.028**	**0.028**	**0.008**	**0.003**	**0.005**	**64343**	**95.0**	**5959**	**8.8**

fixing statistic for network NET8

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	95.2	95.3	95.3	96.0	94.3
considering satellites with dual-frequency fixed	93.5	93.7	94.2	94.5	92.1
considering all signals separately	93.4	93.5	94.2	94.6	91.4