summary for network N01T

timeperiod chosen: from 2026-11-14-00:00:00 until 2026-11-14-23:59:59

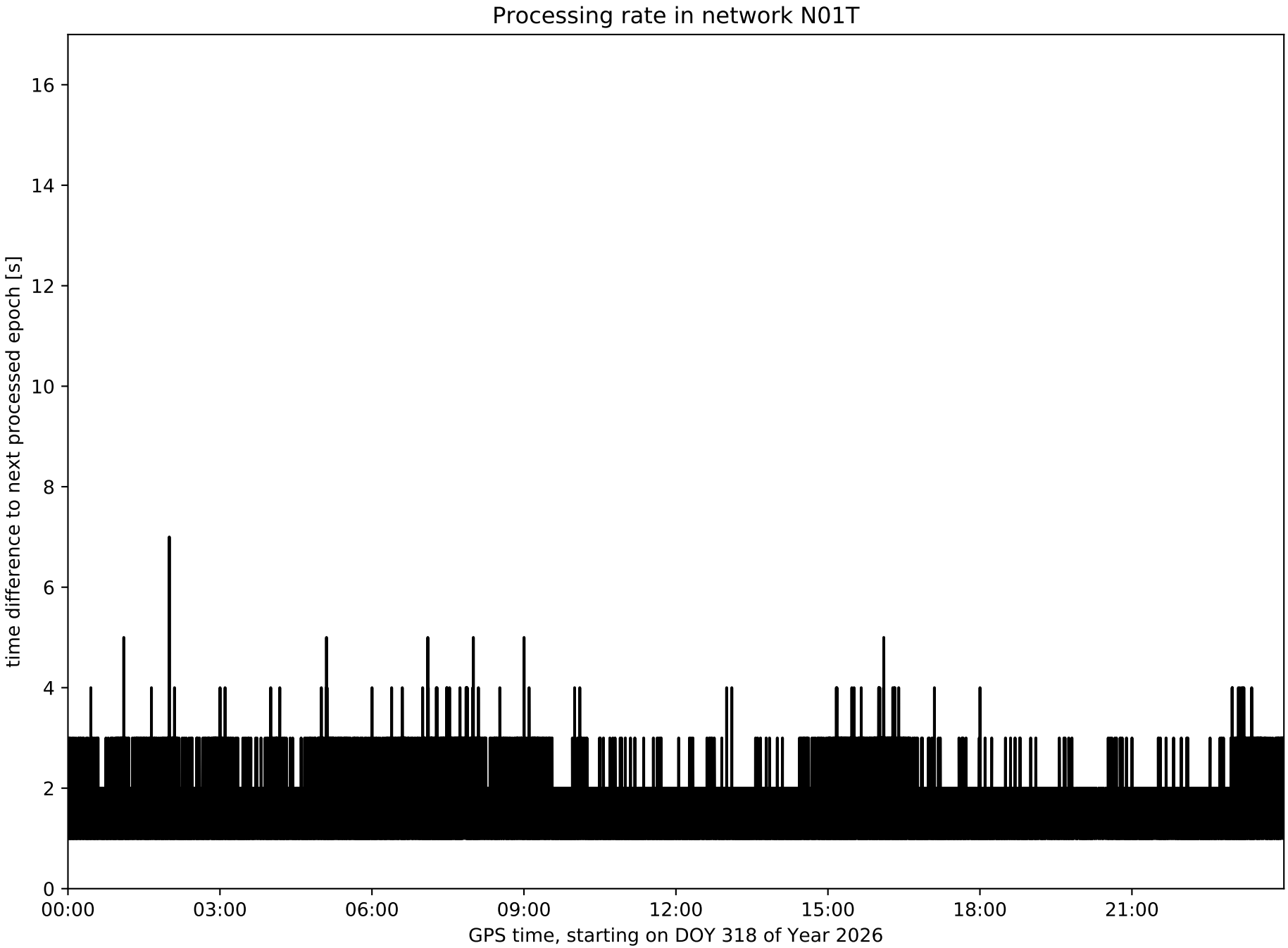
average update rate (durations larger than 15 seconds considered as observation gap): 1.5 seconds

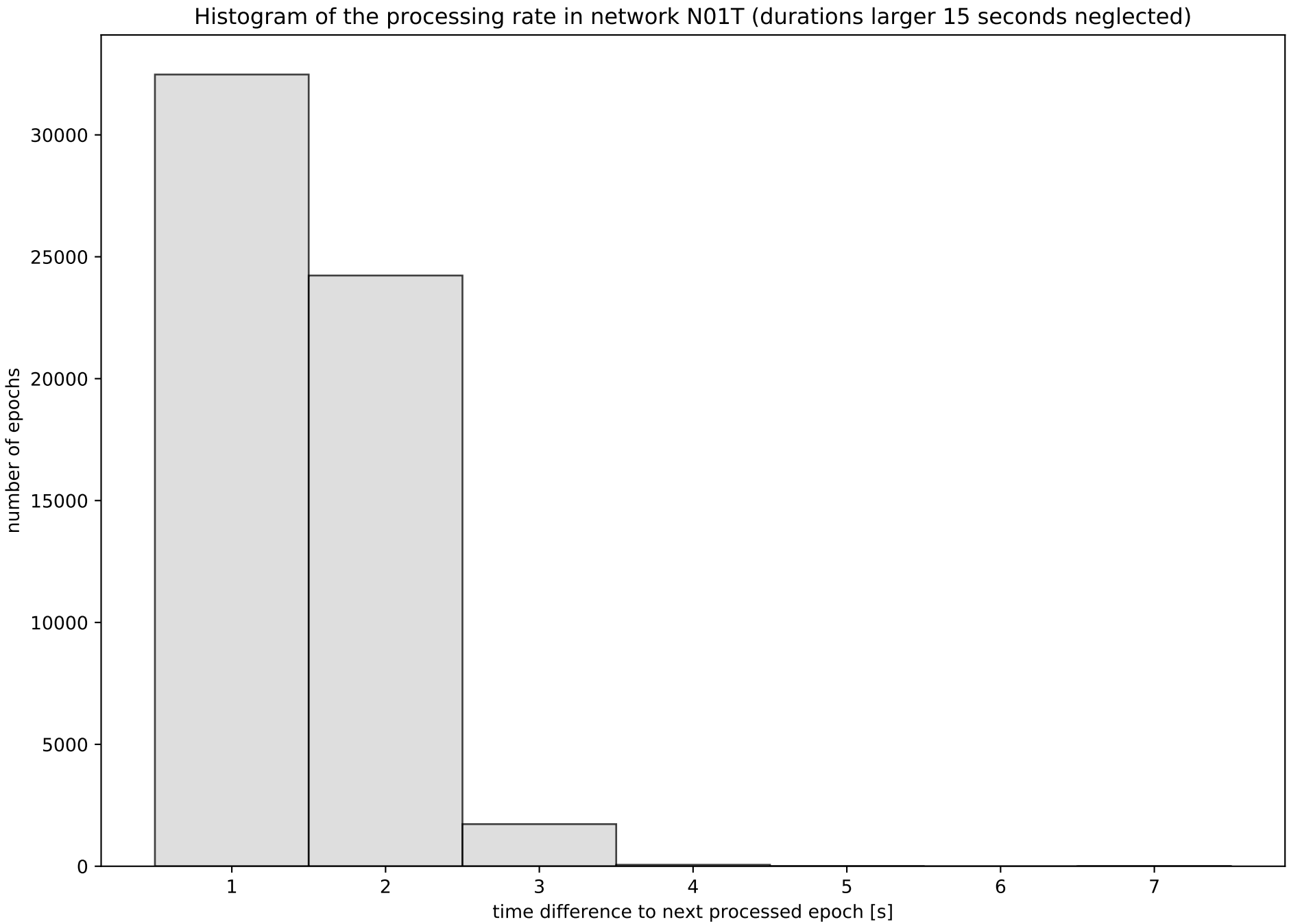
average fixing percentage with threshold set to 0.3: 94.6 percent

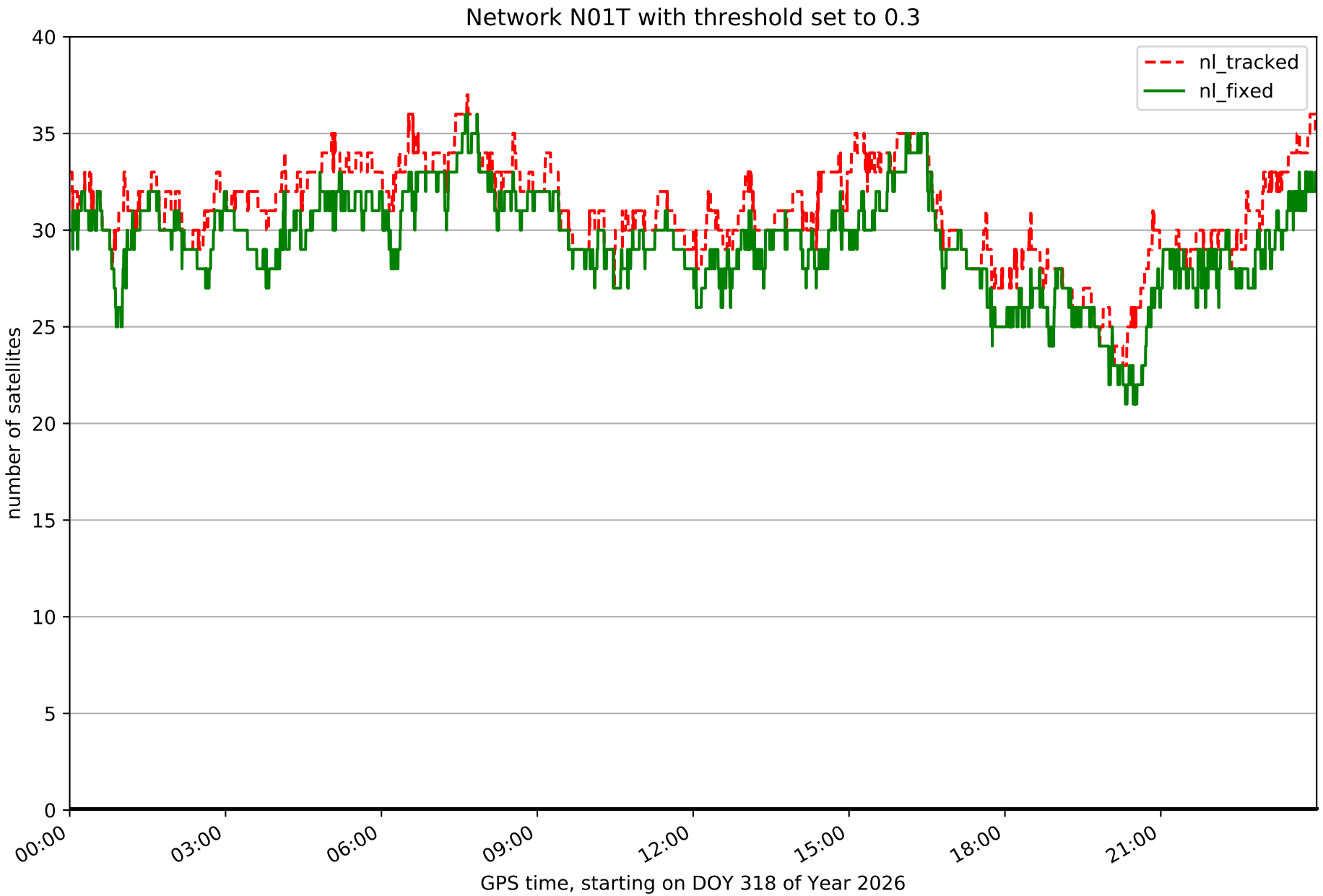
stations available: 19 of 20

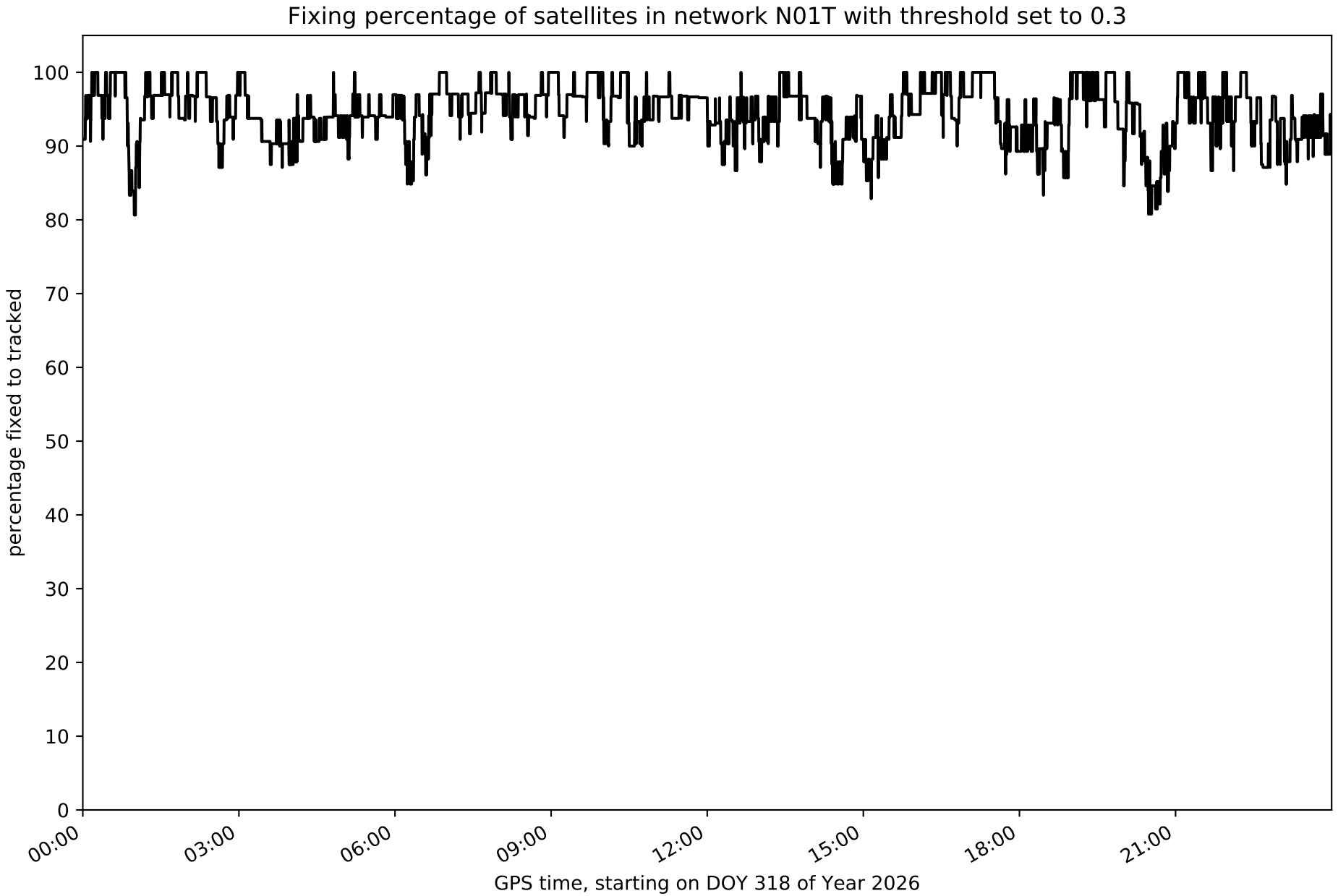
station information:

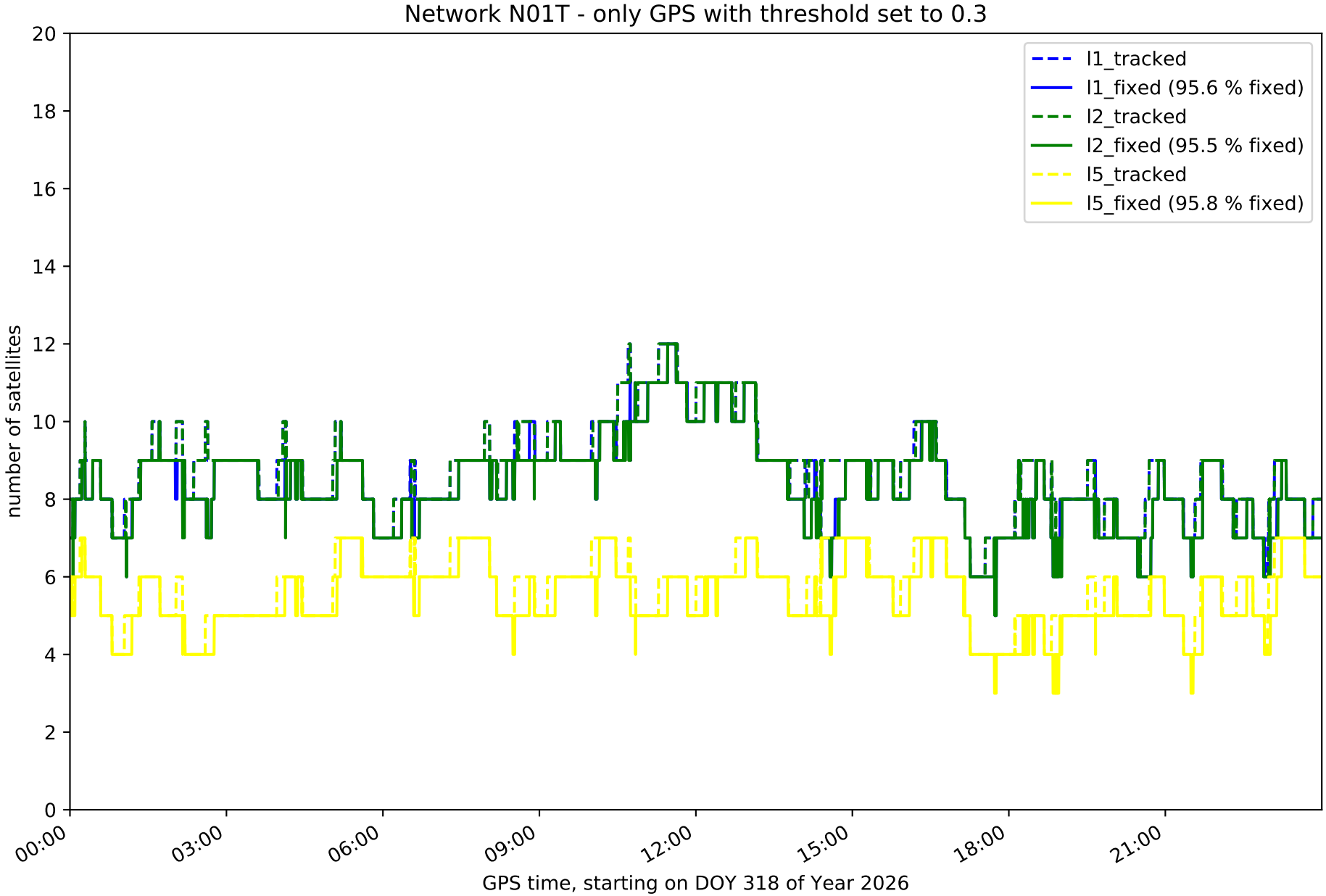
station ALMZ:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 1019.454
station ARAJ:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 580.917
station ARSP:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 638.139
station AVI2:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE NETR9	height: 1206.511
station BUIT:	antenna: SEPCHOKE_B3E6 SPKE	receiver: SEPT POLARX5	height: 1032.704
station GMSR:	antenna: GPPNULLANTENNA NONE	receiver: TRIMBLE R750	height: 864.047
station IGNE:	antenna: LEIAT504GG LEIS	receiver: LEICA GR50	height: 766.956
station LABG:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 763.865
station LAB1:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 763.865
station OLM1:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE NETR9	height: 829.126
station ORUS:	antenna: TRM57971.00 TZGD	receiver: TRIMBLE NETR9	height: 862.752
station MAD1:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 724.477
station NVDA:	antenna: GPPNULLANTENNA NONE	receiver: TRIMBLE R750	height: 933.477
station PEN1:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR30	height: 814.545
station RIA1:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE NETR9	height: 1263.773
station SGVA:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 1076.311
station SMDV:	antenna: TPSCR.G3 TPSH	receiver: TPS NET-G5	height: 670.78
station TALV:	antenna: TPSCR.G5 TPSH	receiver: TPS NET-G5	height: 458.345
station YEB1:	antenna: LEIAR25 NONE	receiver: LEICA GR25	height: 975.396

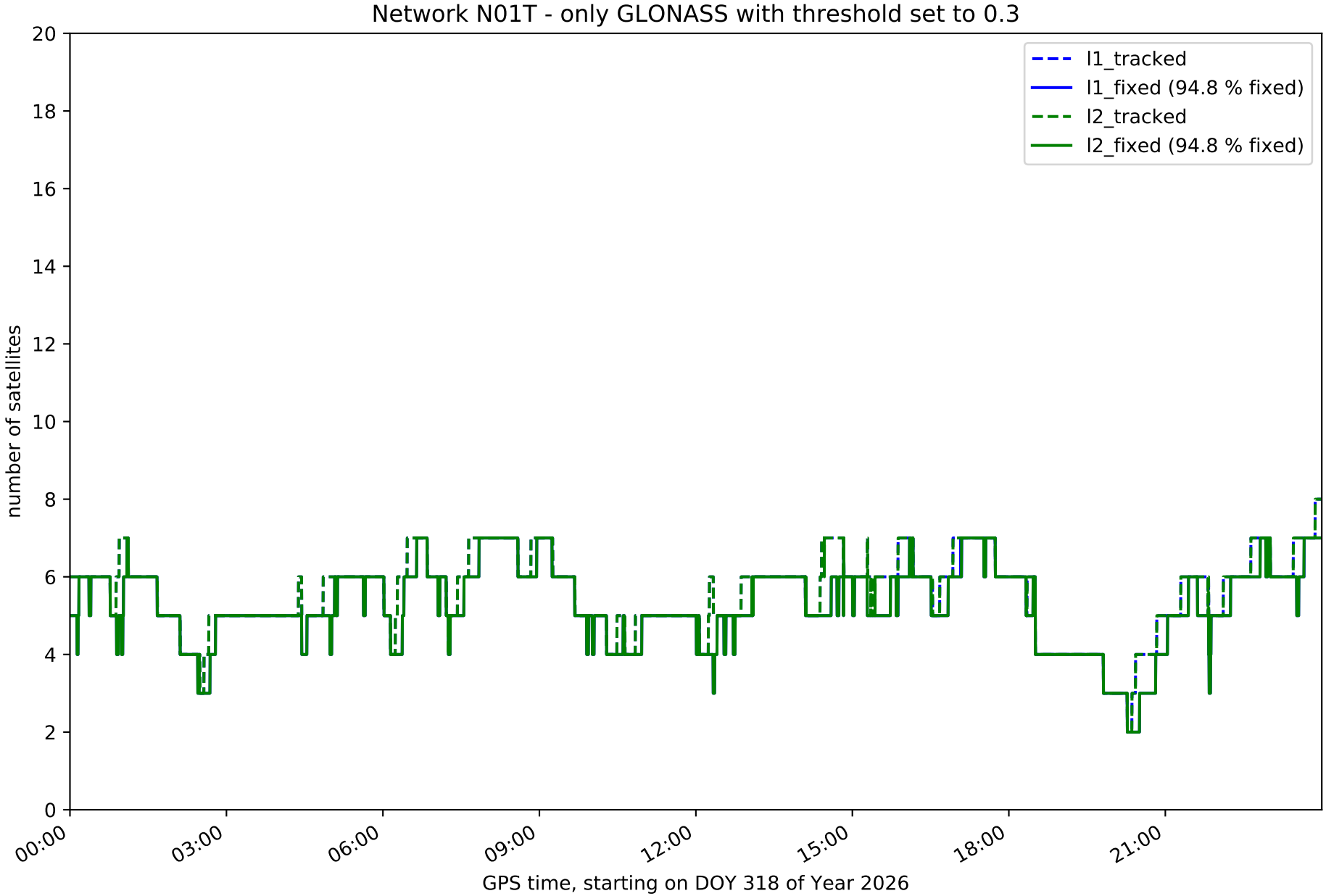

Processing rate in network N01T
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

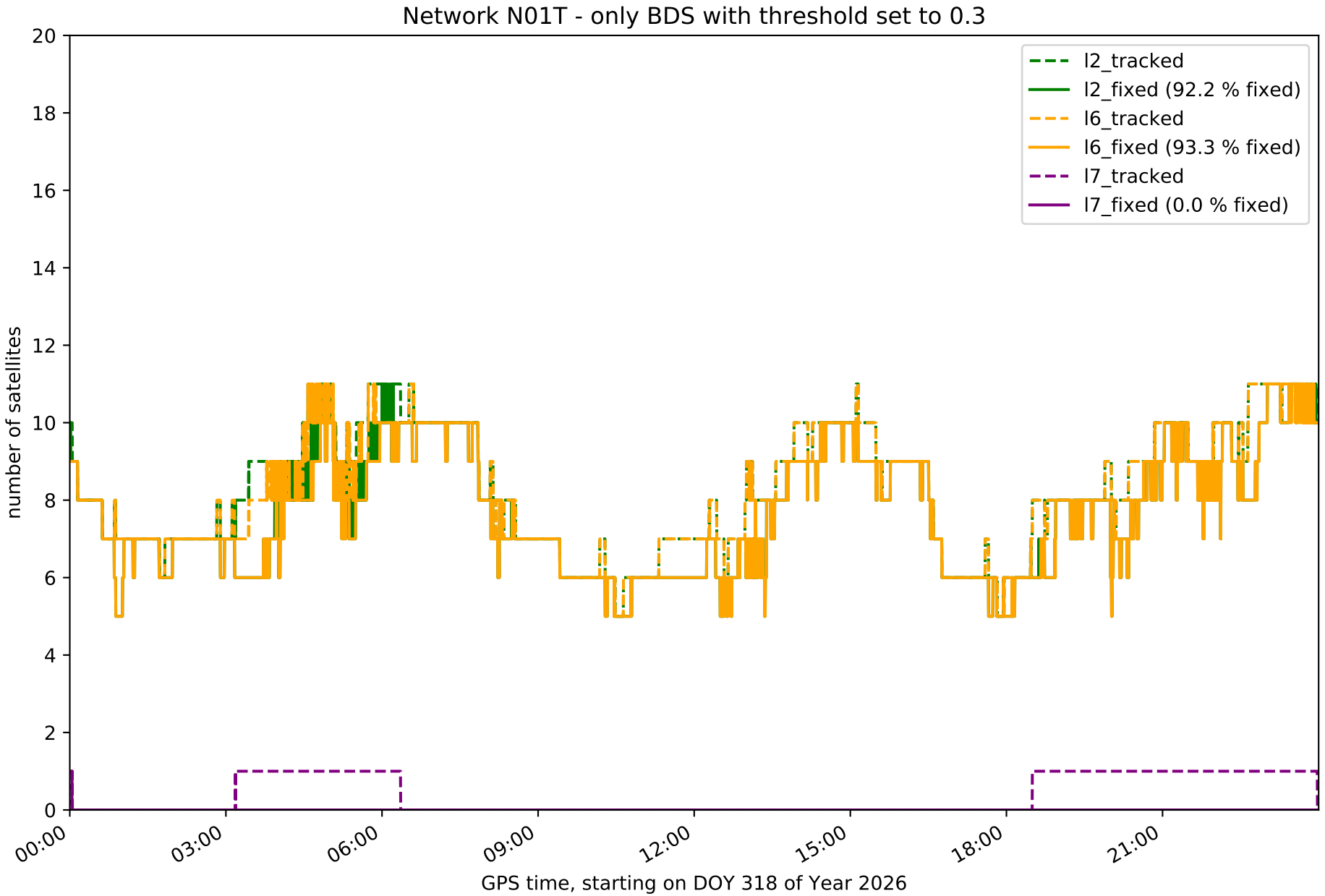

Histogram of the processing rate in network N01T (durations larger 15 seconds neglected)
number of epochs
0
5000
10000
15000
20000
25000
30000
1
2
3
4
5
6
7
time difference to next processed epoch [s]

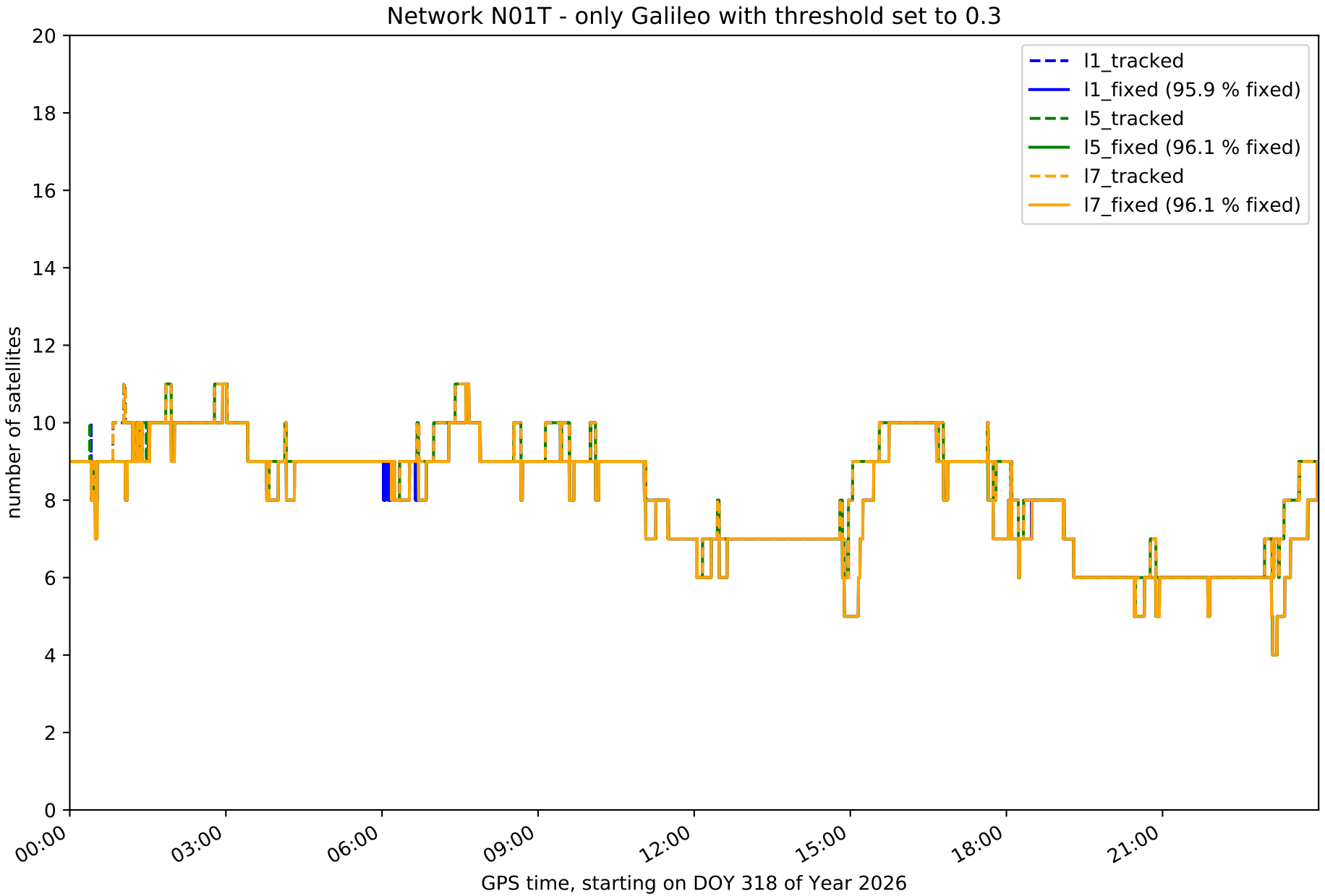

Network N01T with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

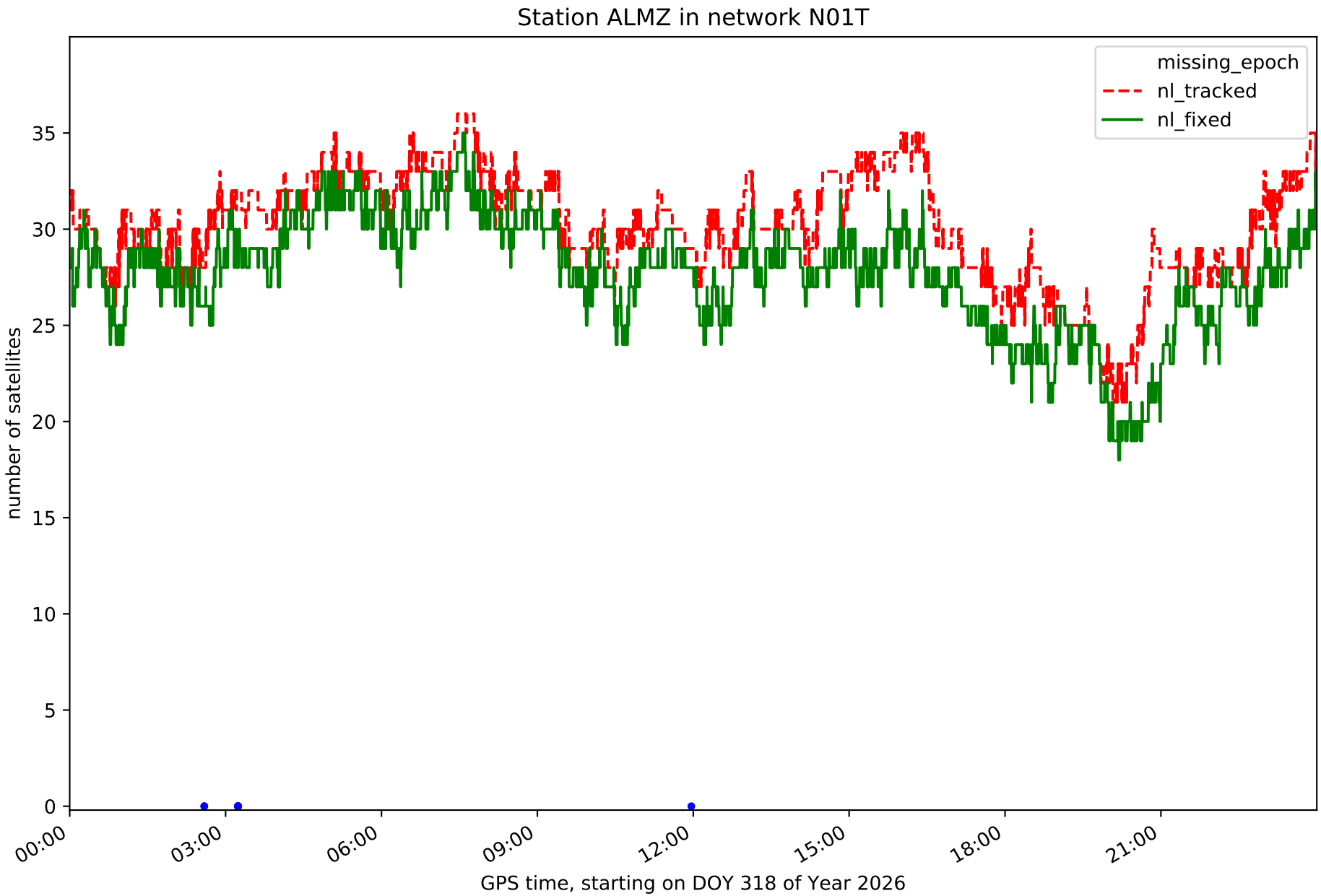

Fixing percentage of satellites in network N01T with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

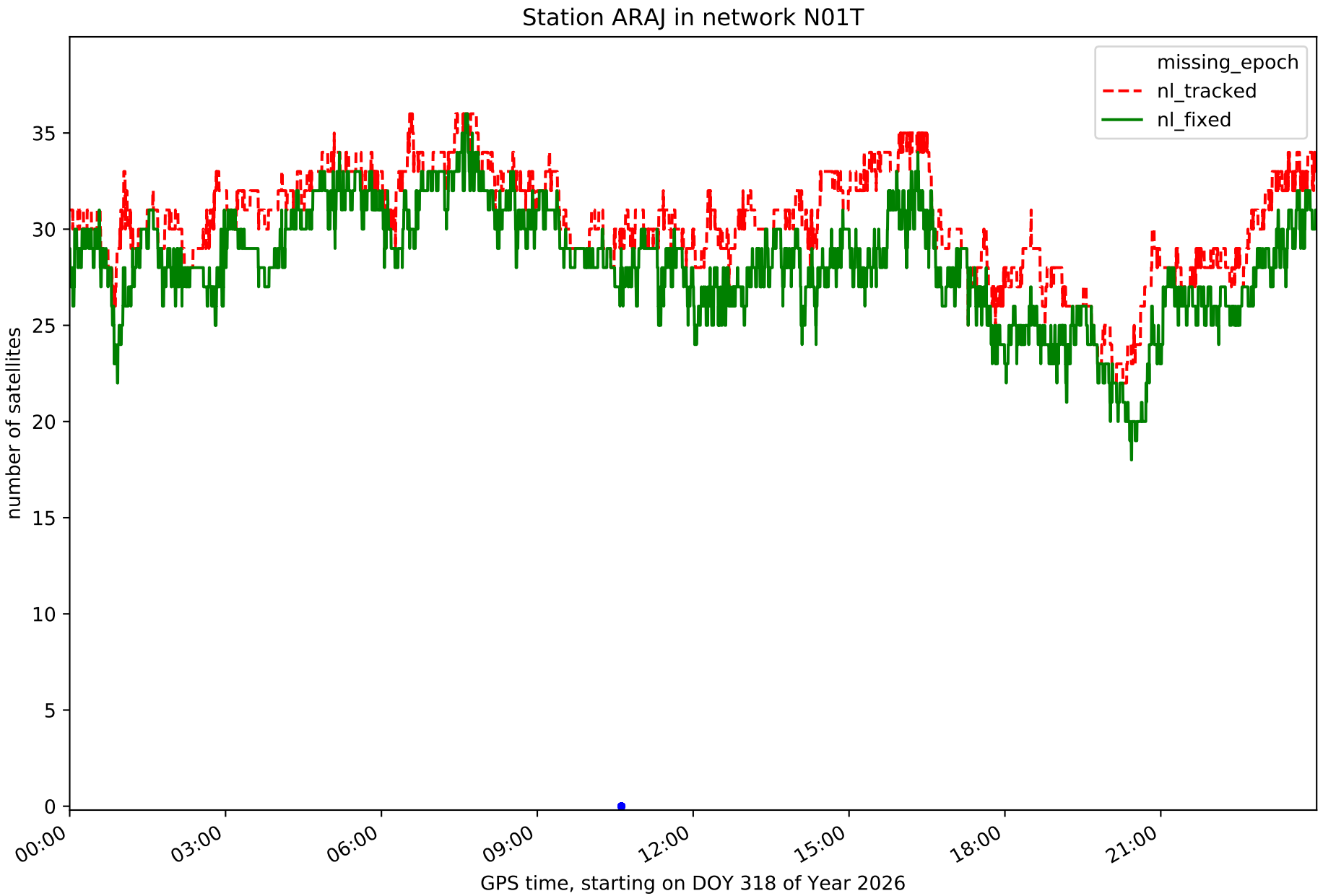

Network N01T - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 318 of Year 2026
l1_tracked
l1_fixed (95.6 % fixed)
l2_tracked
l2_fixed (95.5 % fixed)
l5_tracked
l5_fixed (95.8 % fixed)
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00

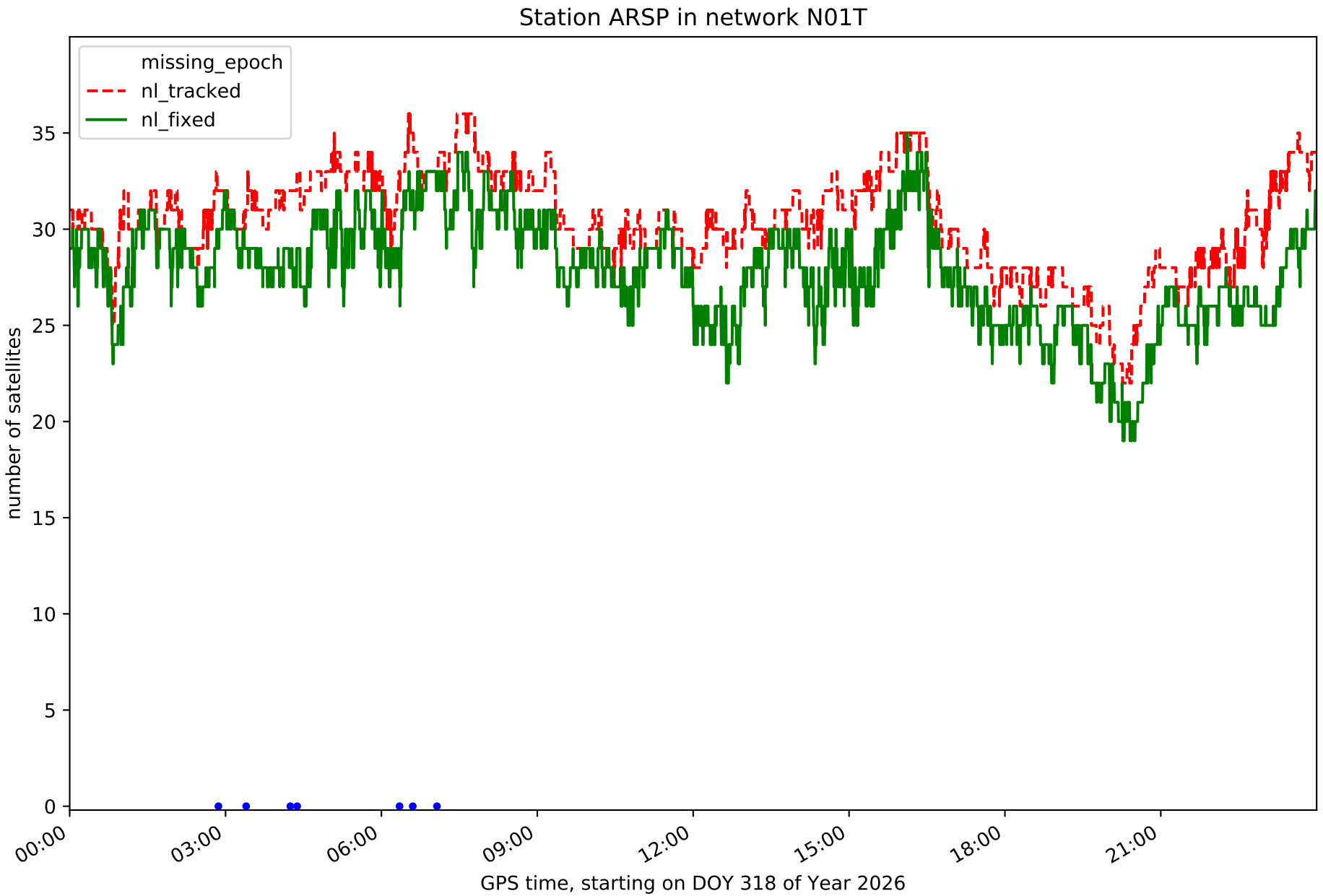

Network N01T - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (94.8 % fixed)
l2_tracked
l2_fixed (94.8 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

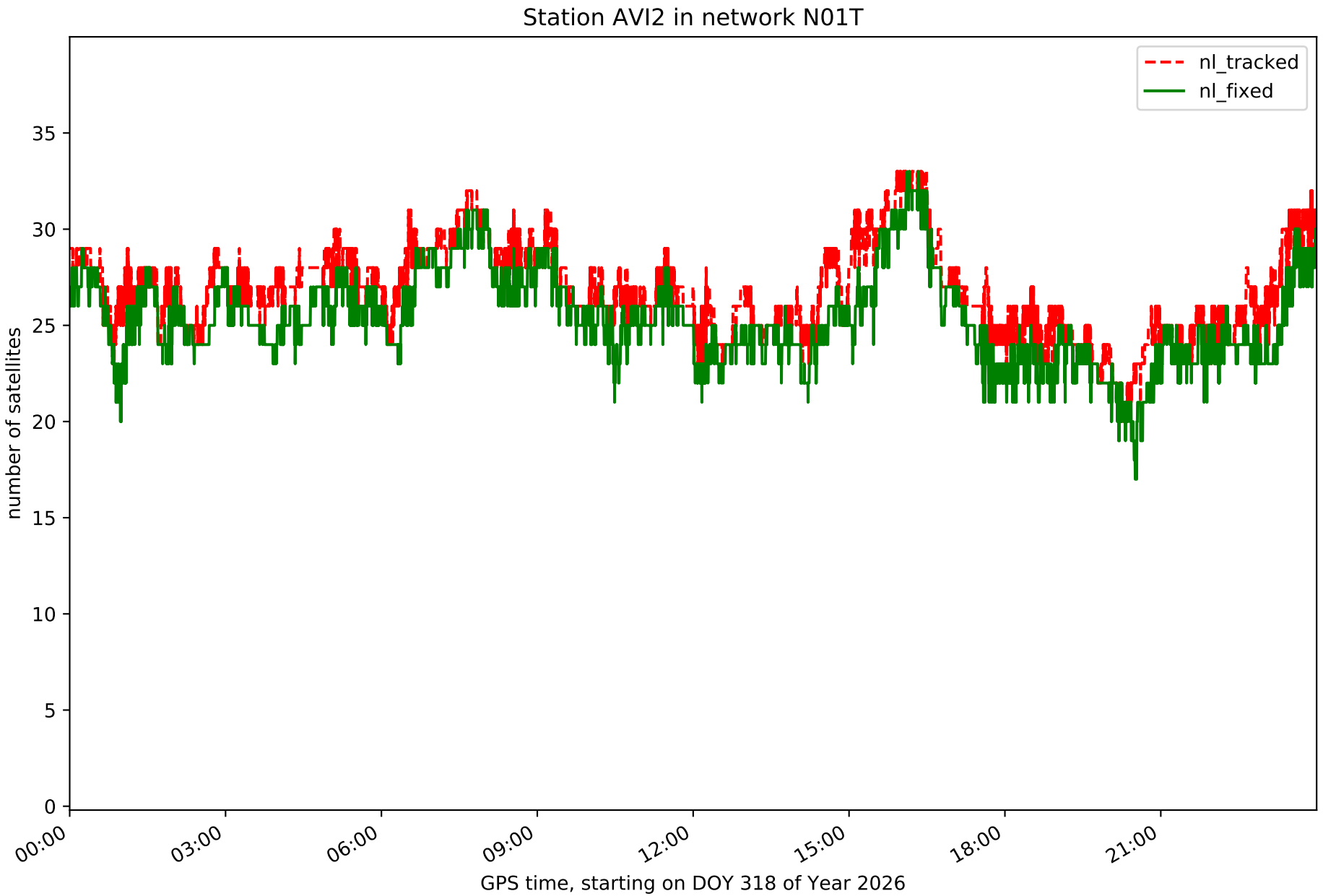

Network N01T - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 318 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (92.2 % fixed)
I6_tracked
I6_fixed (93.3 % fixed)
I7_tracked
I7_fixed (0.0 % fixed)

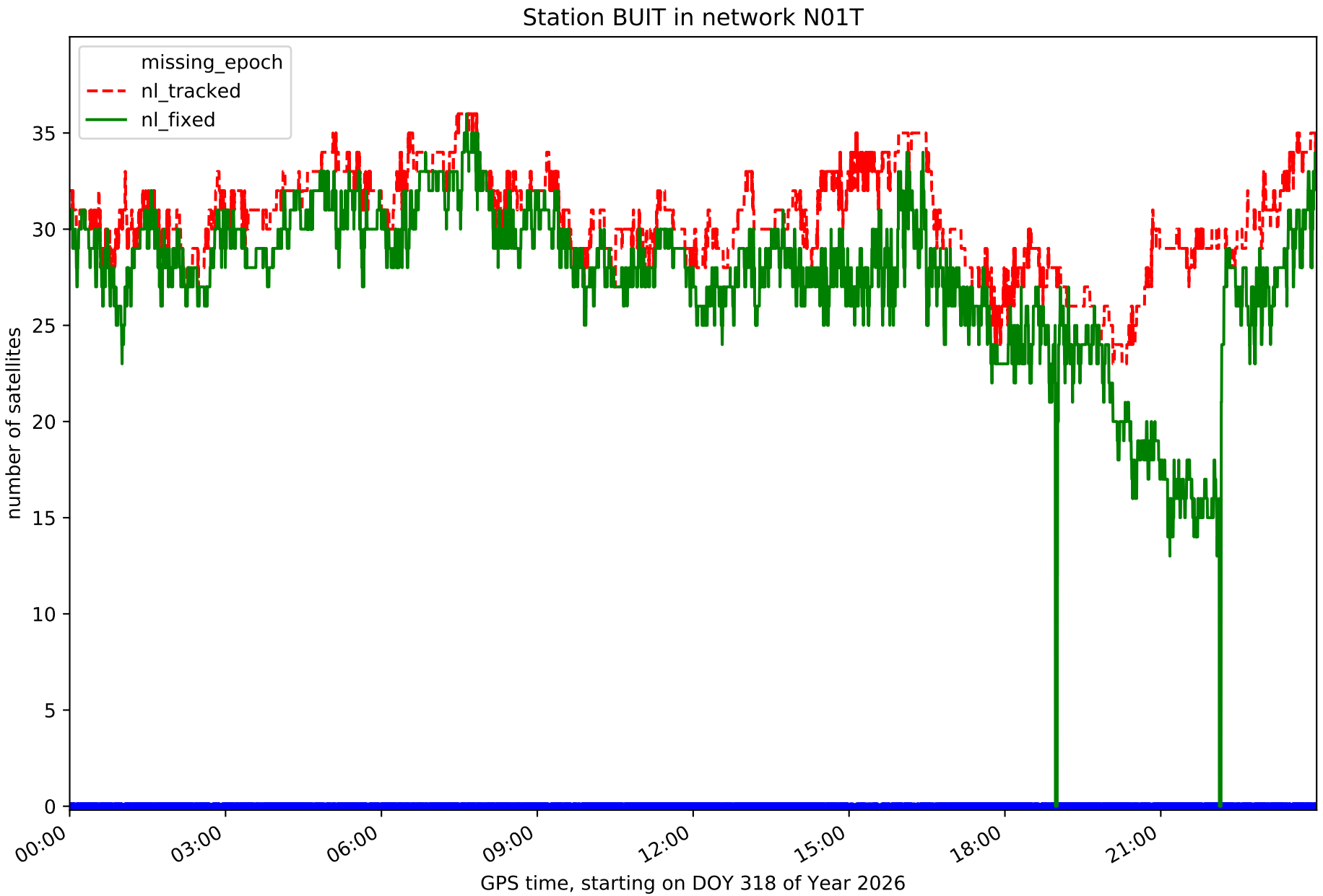

Network N01T - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 318 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (95.9 % fixed)
l5_tracked
l5_fixed (96.1 % fixed)
l7_tracked
l7_fixed (96.1 % fixed)

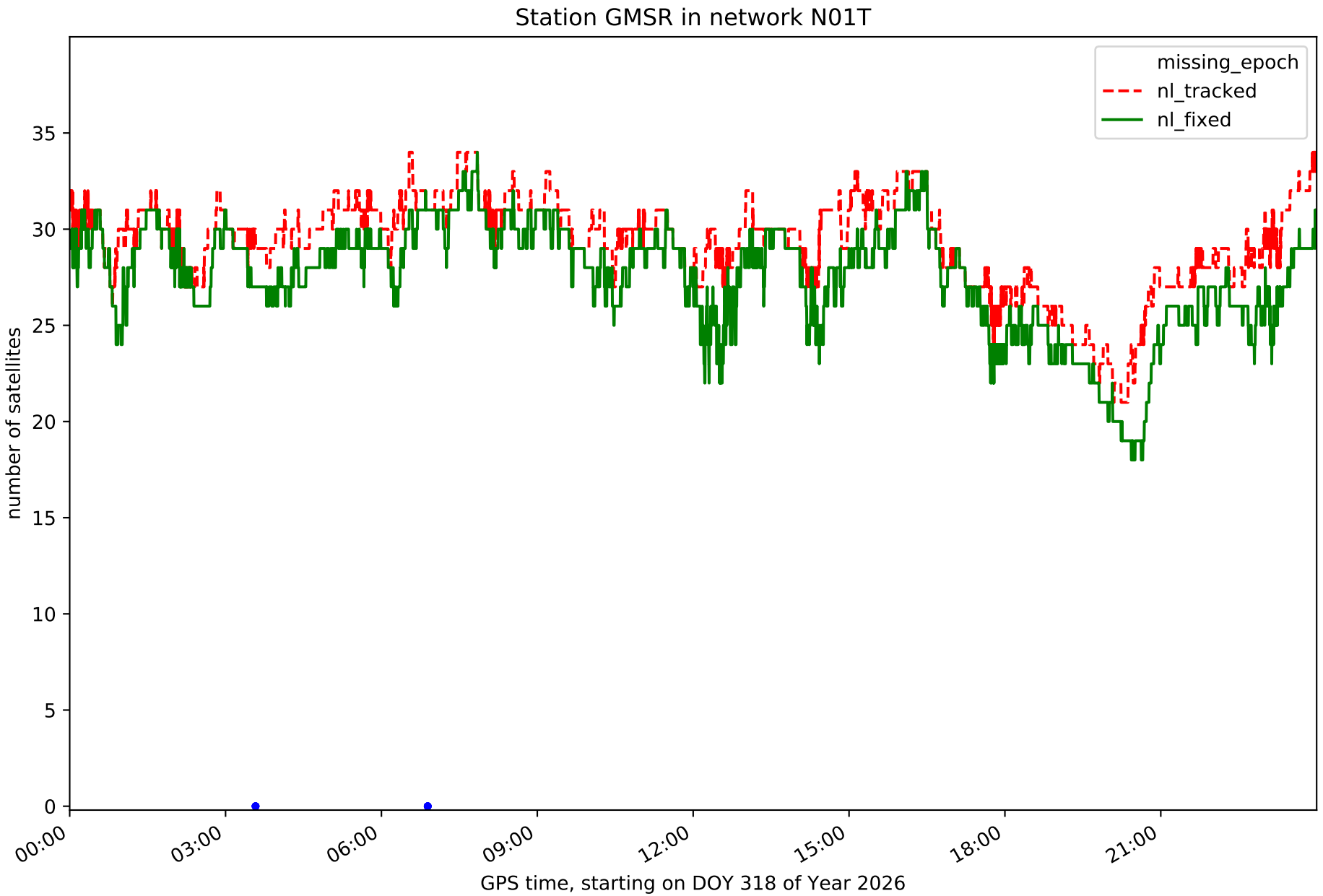

Station ALMZ in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

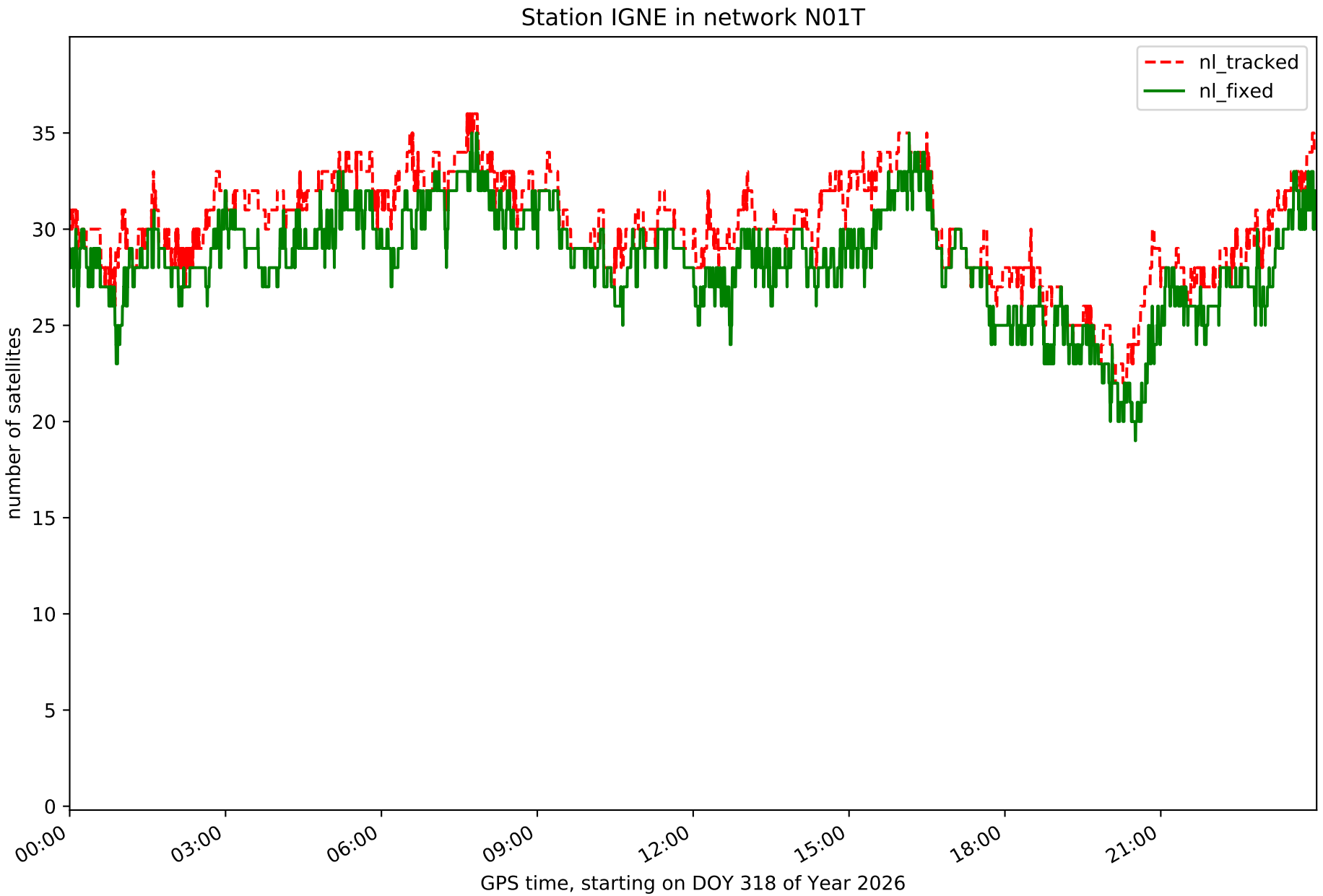

Station ARAJ in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

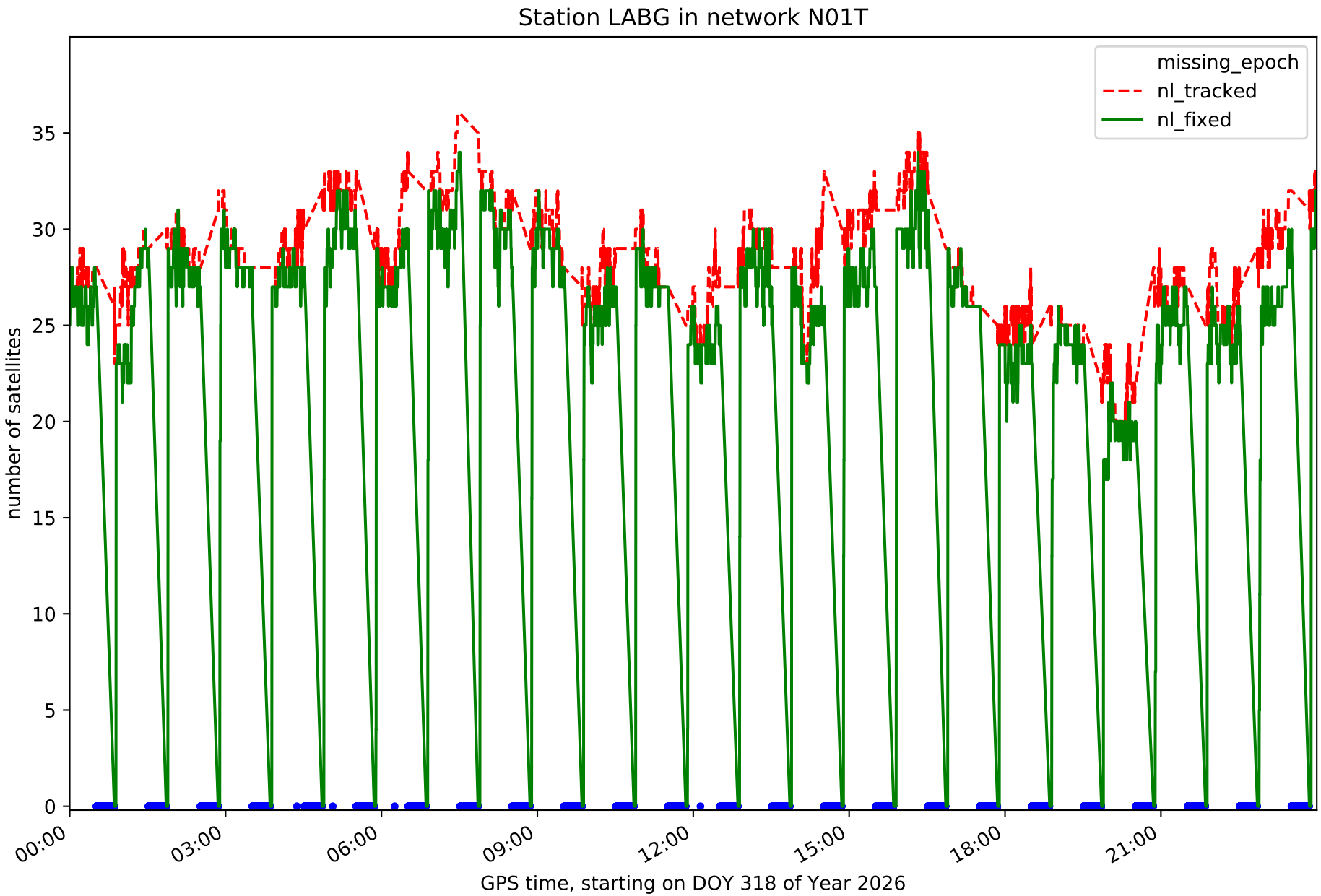

Station ARSP in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

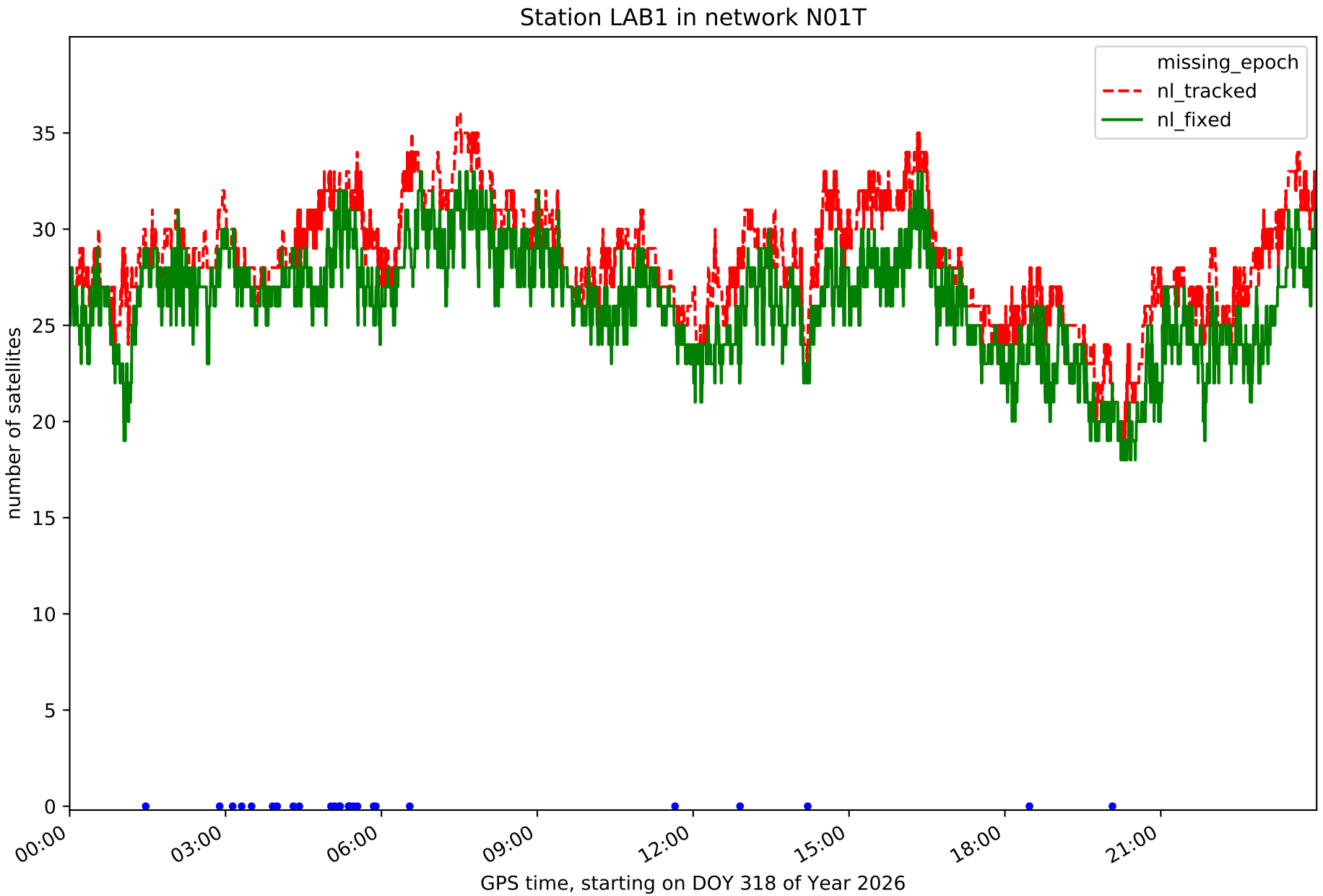

Station AVI2 in network N01T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

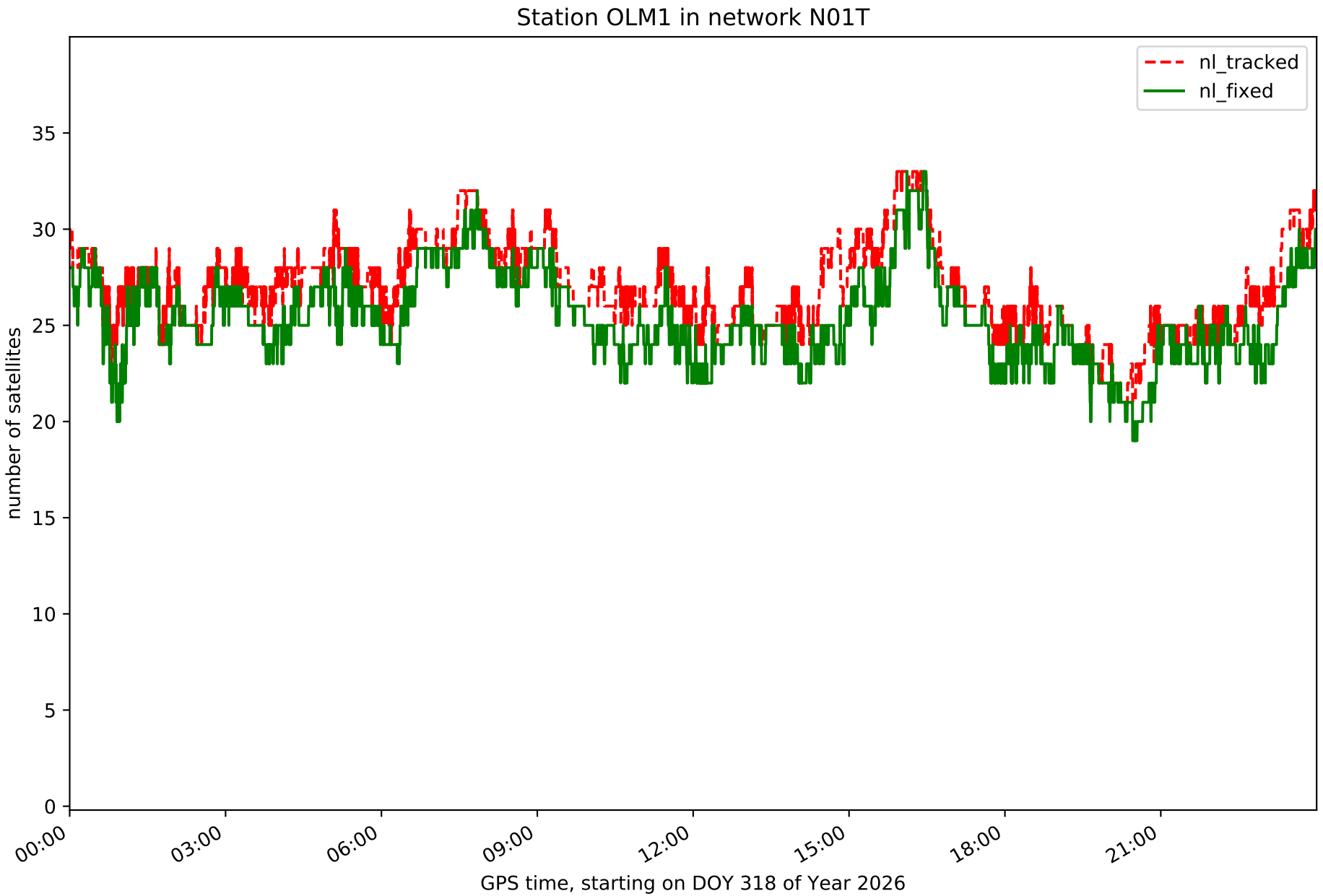

Station BUIT in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

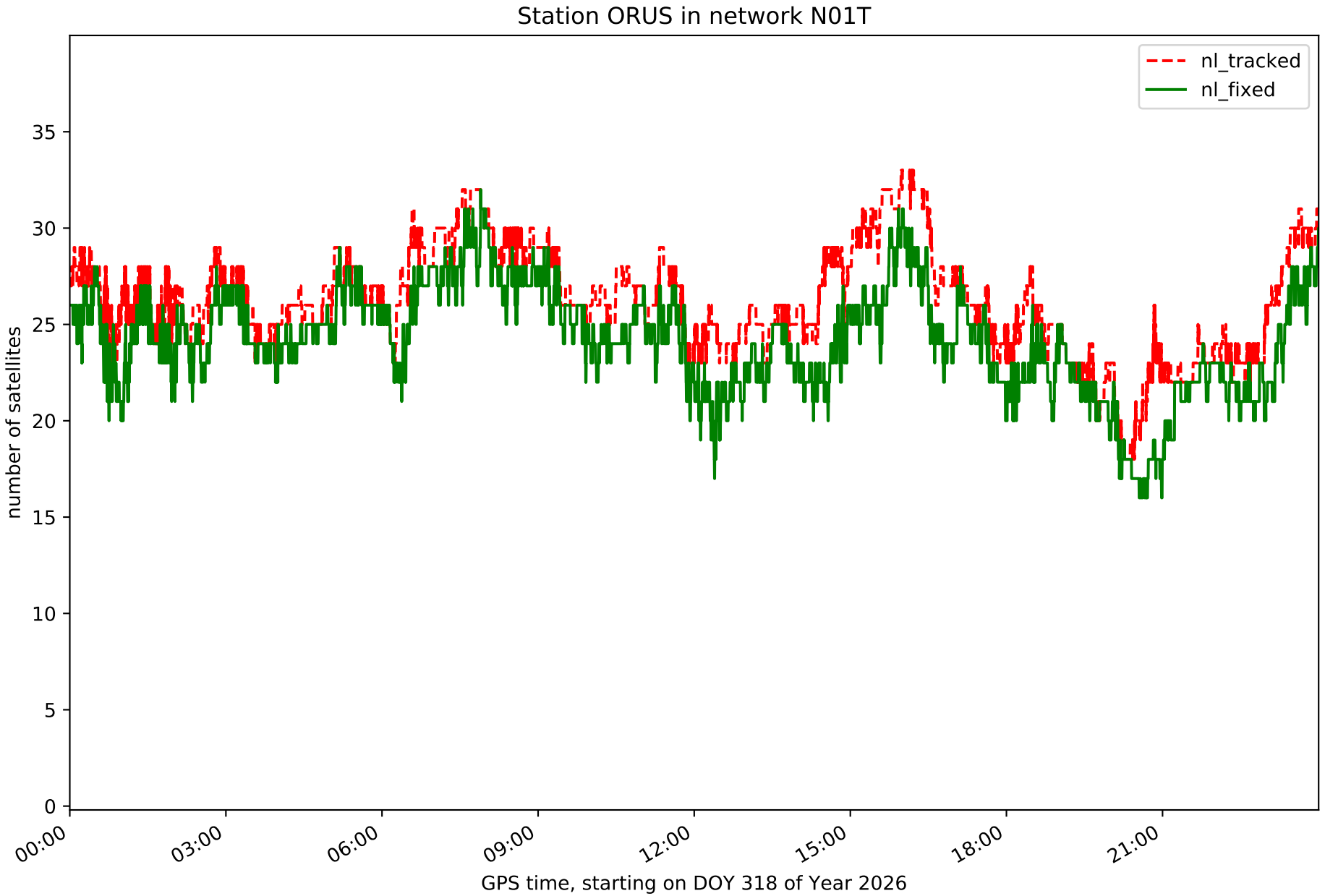

Station GMSR in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

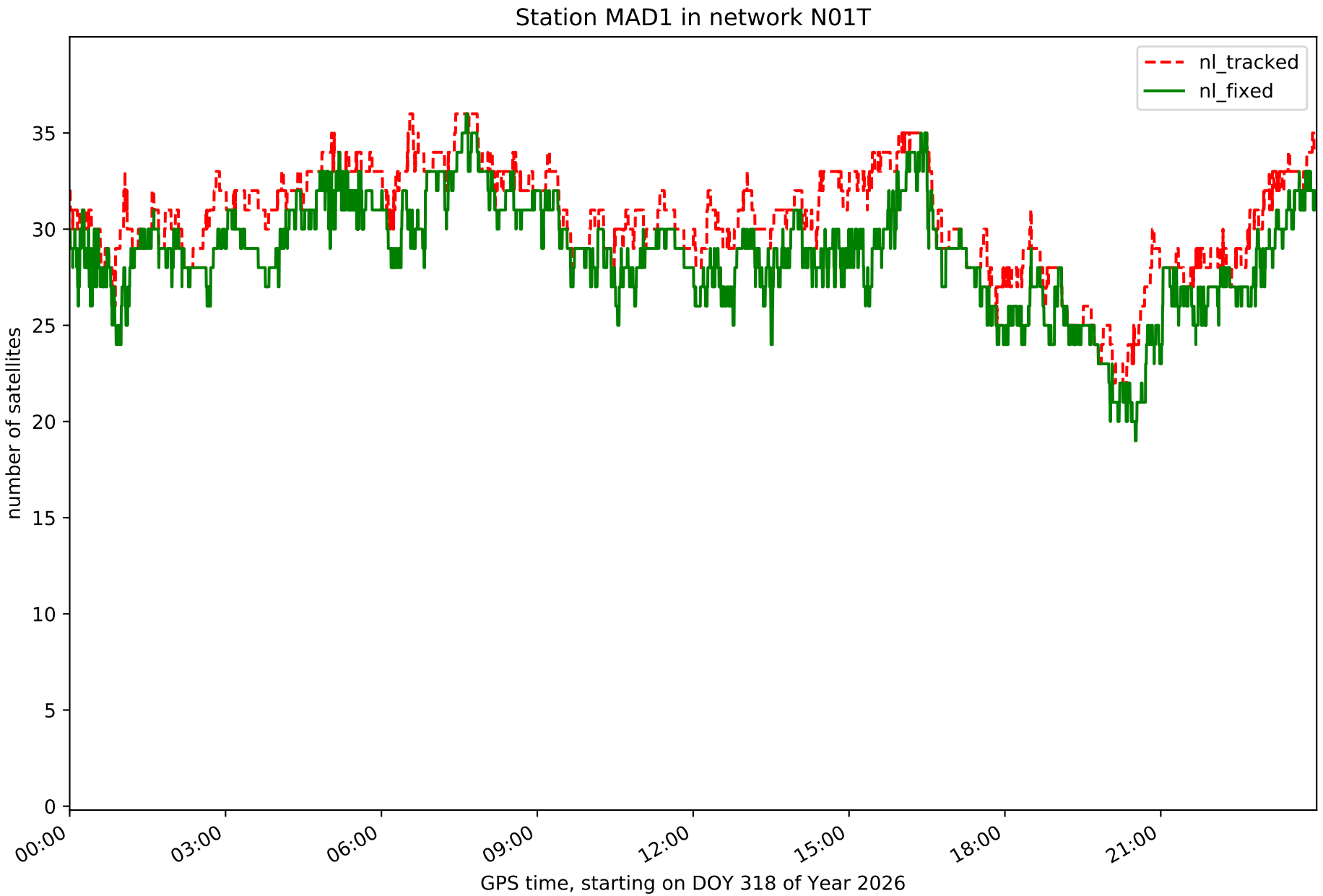

Station IGNE in network N01T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

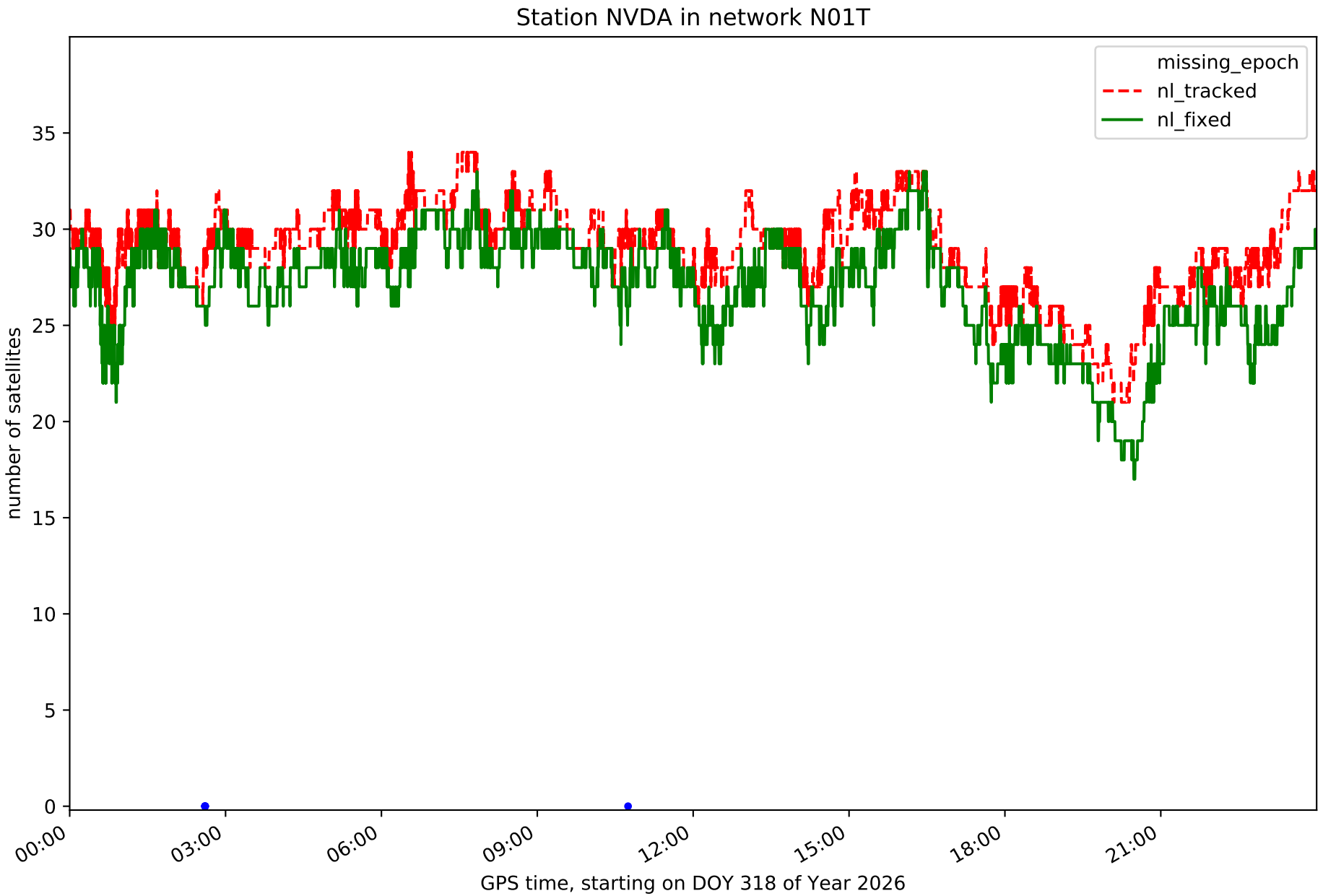

Station LABG in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

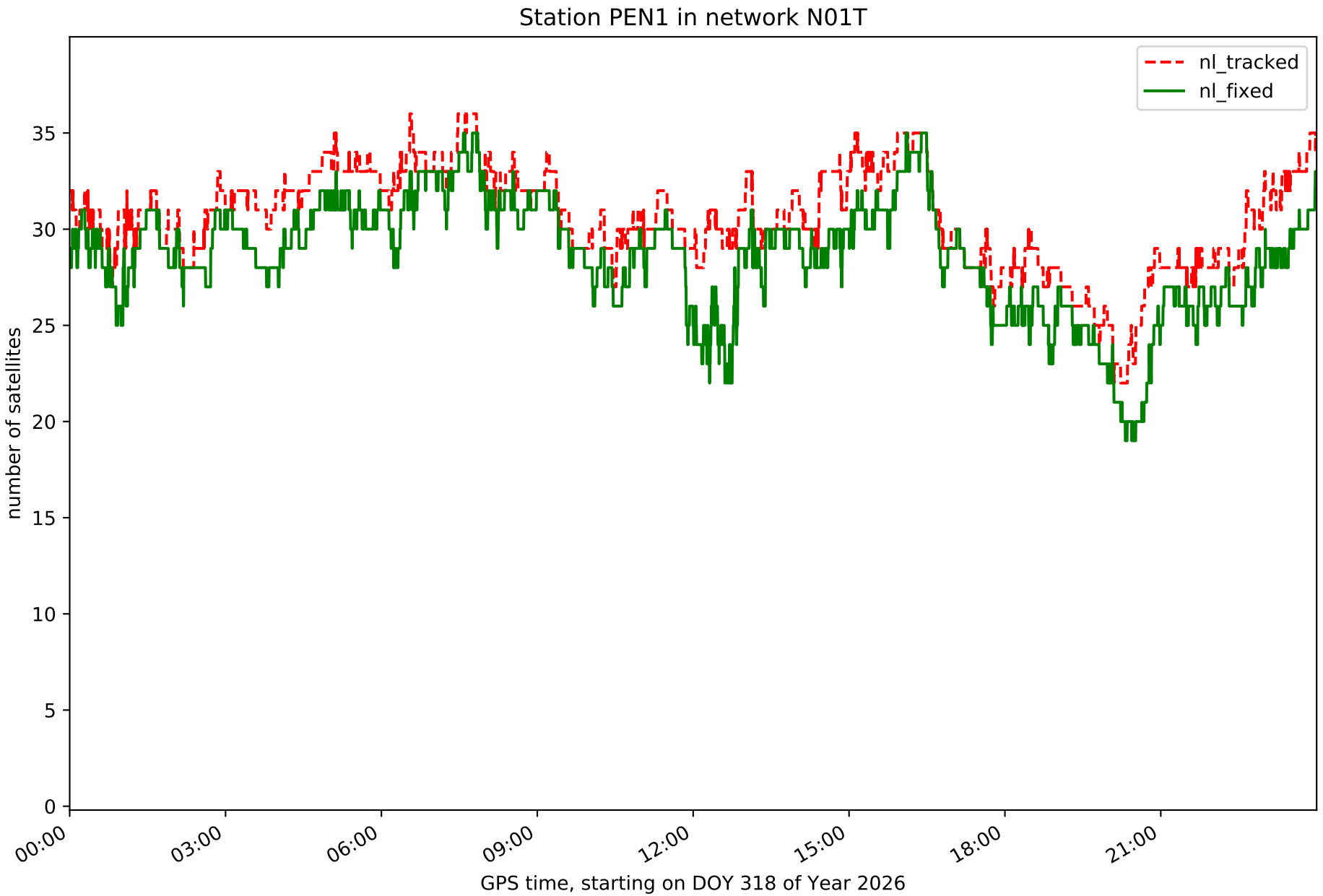

Station LAB1 in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

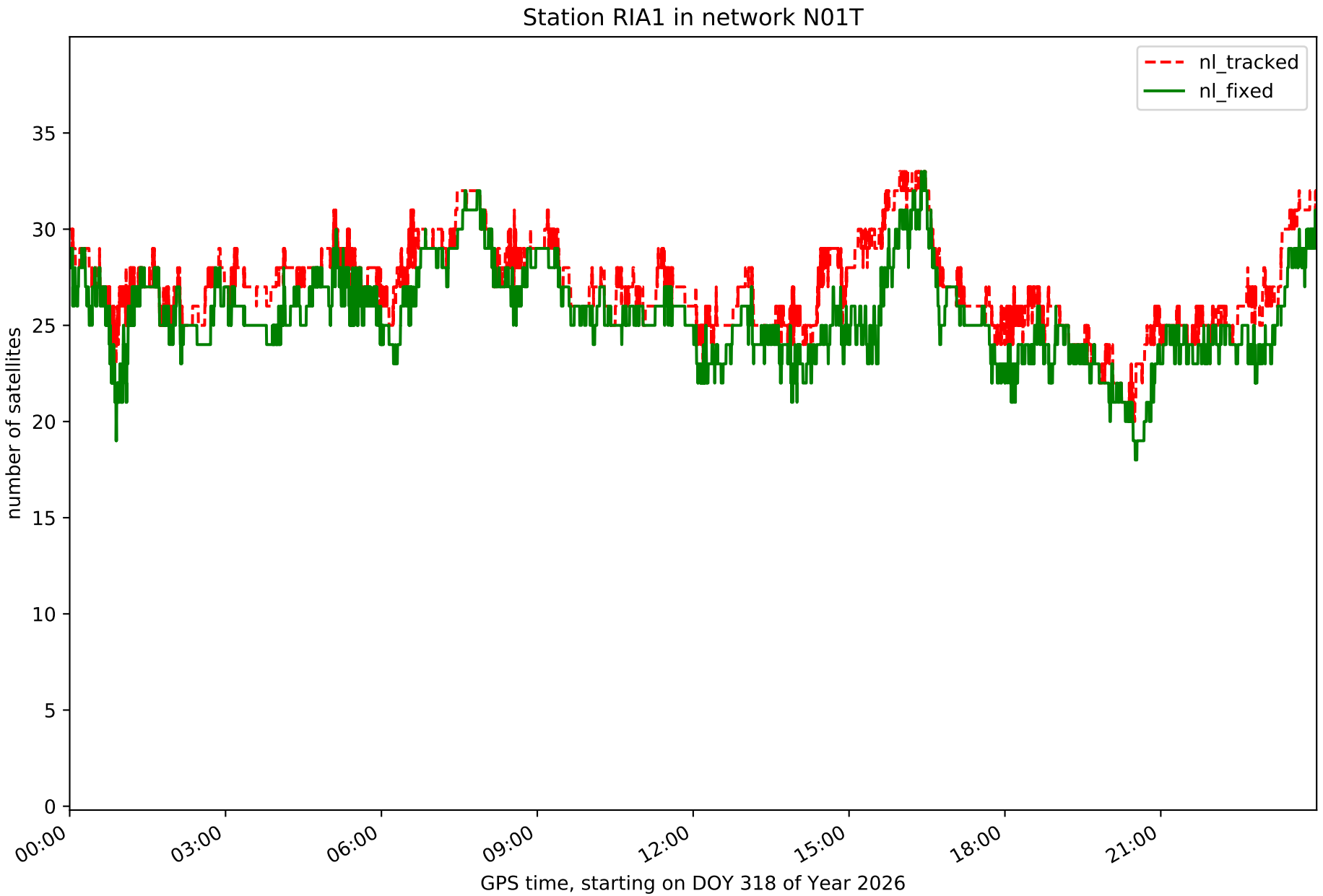

Station OLM1 in network N01T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

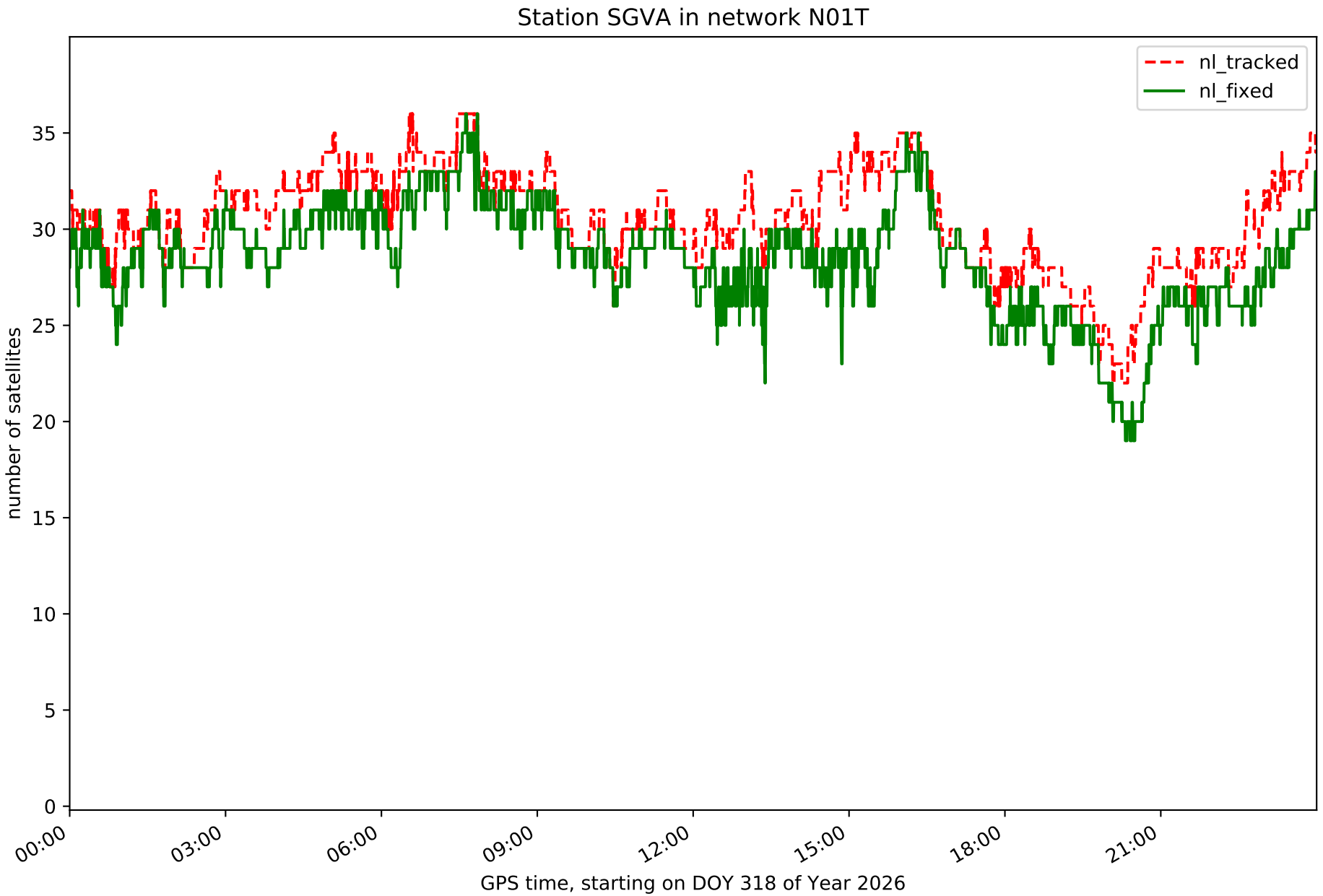

Station ORUS in network N01T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

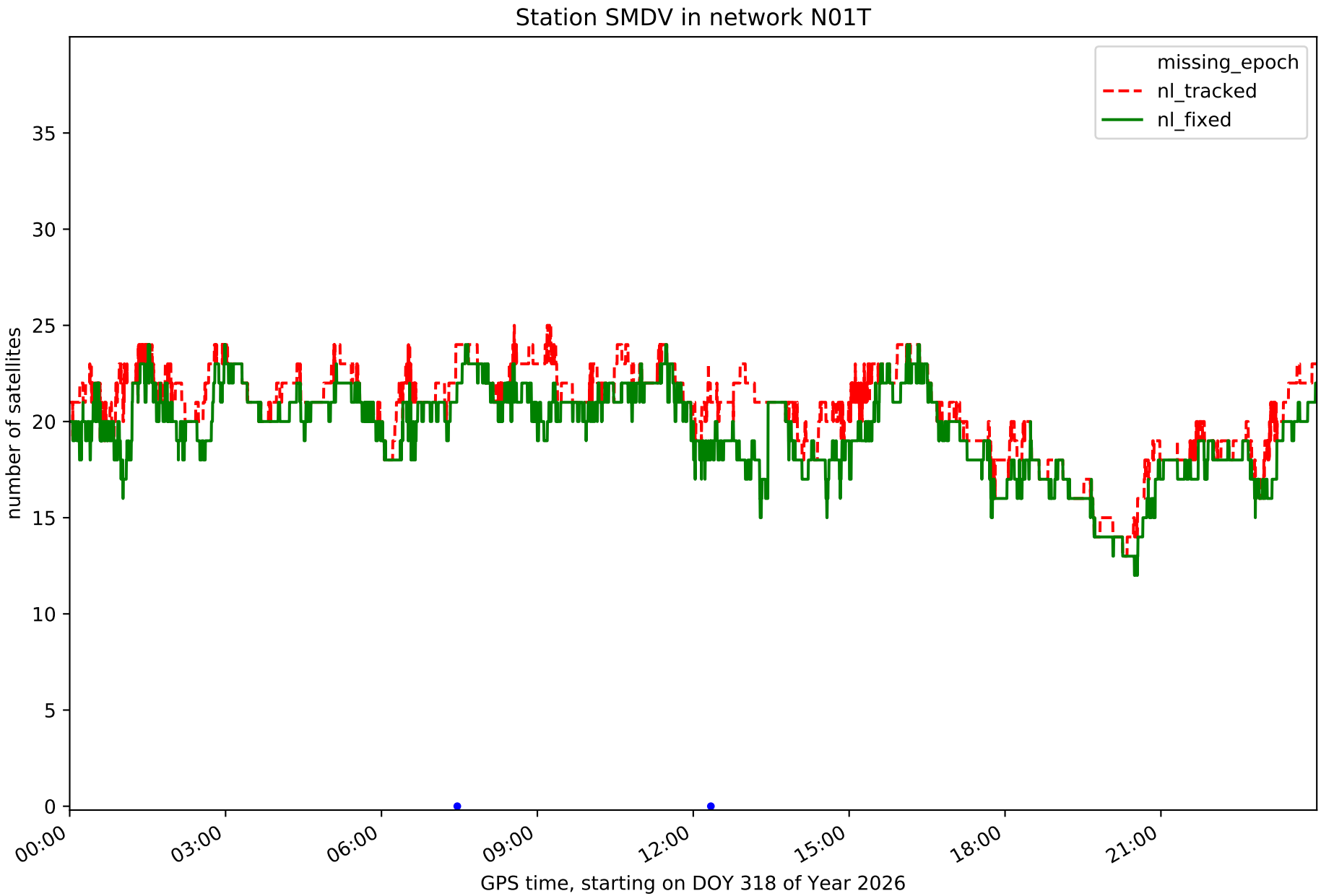

Station MAD1 in network N01T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

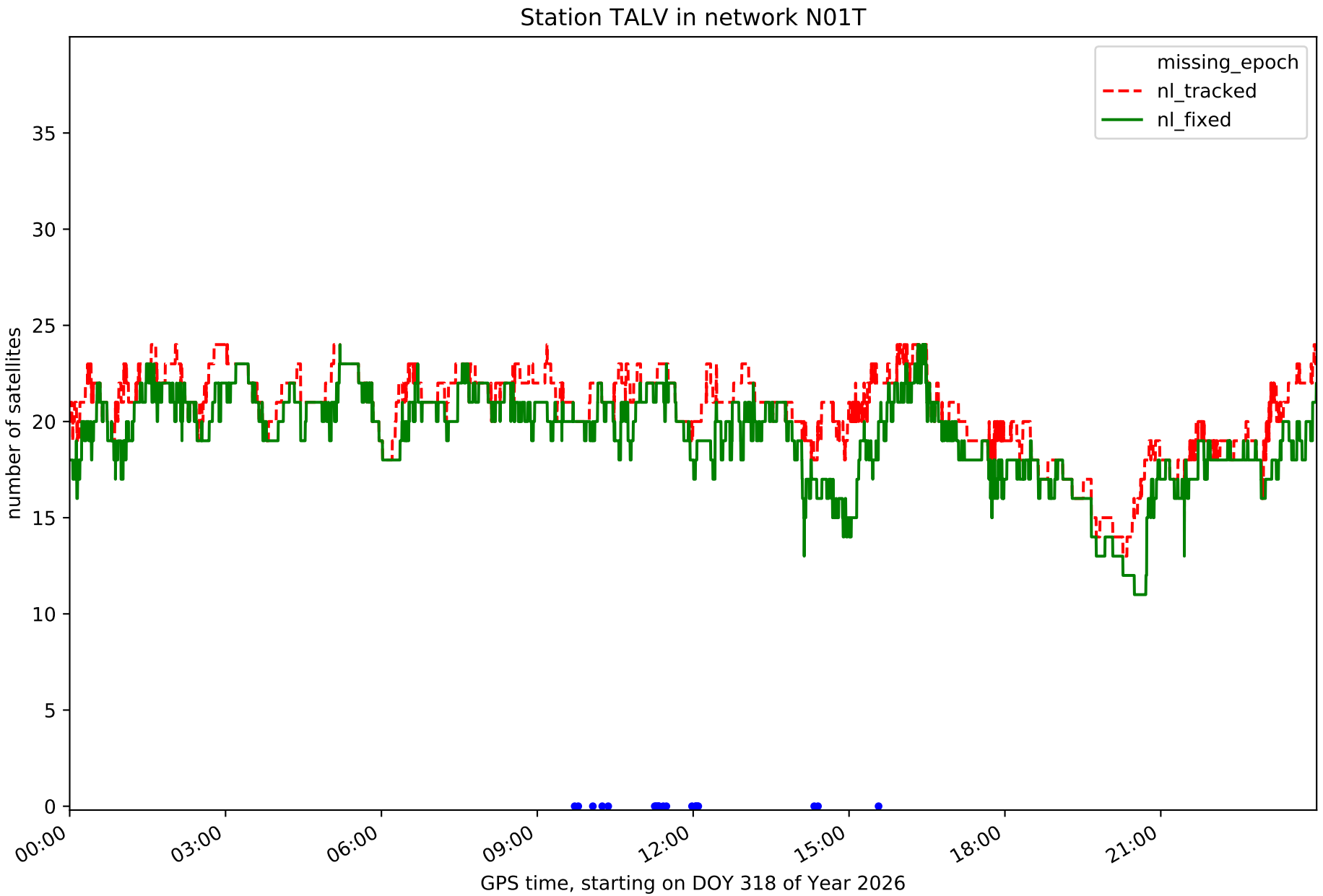

Station NVDA in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

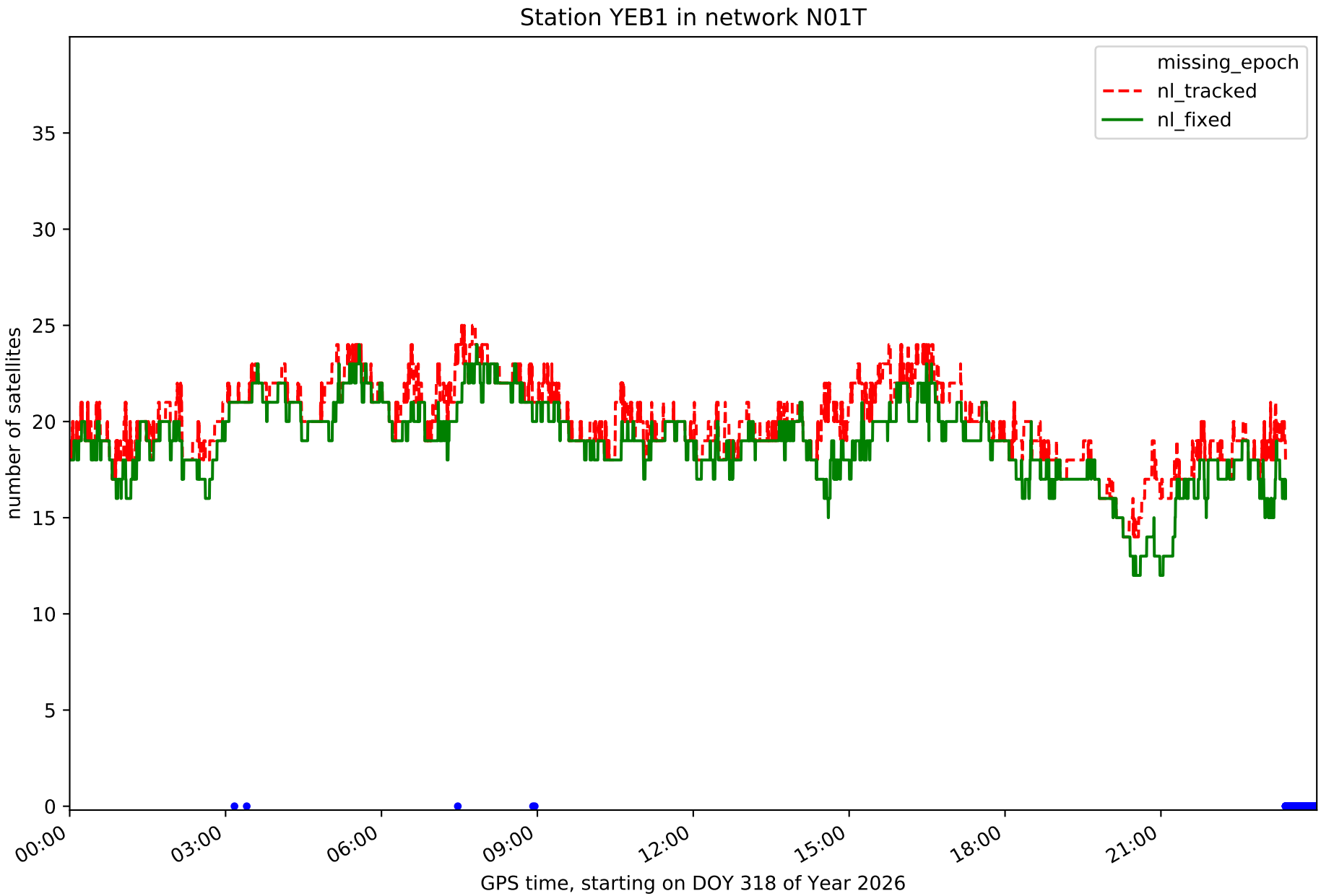

Station PEN1 in network N01T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

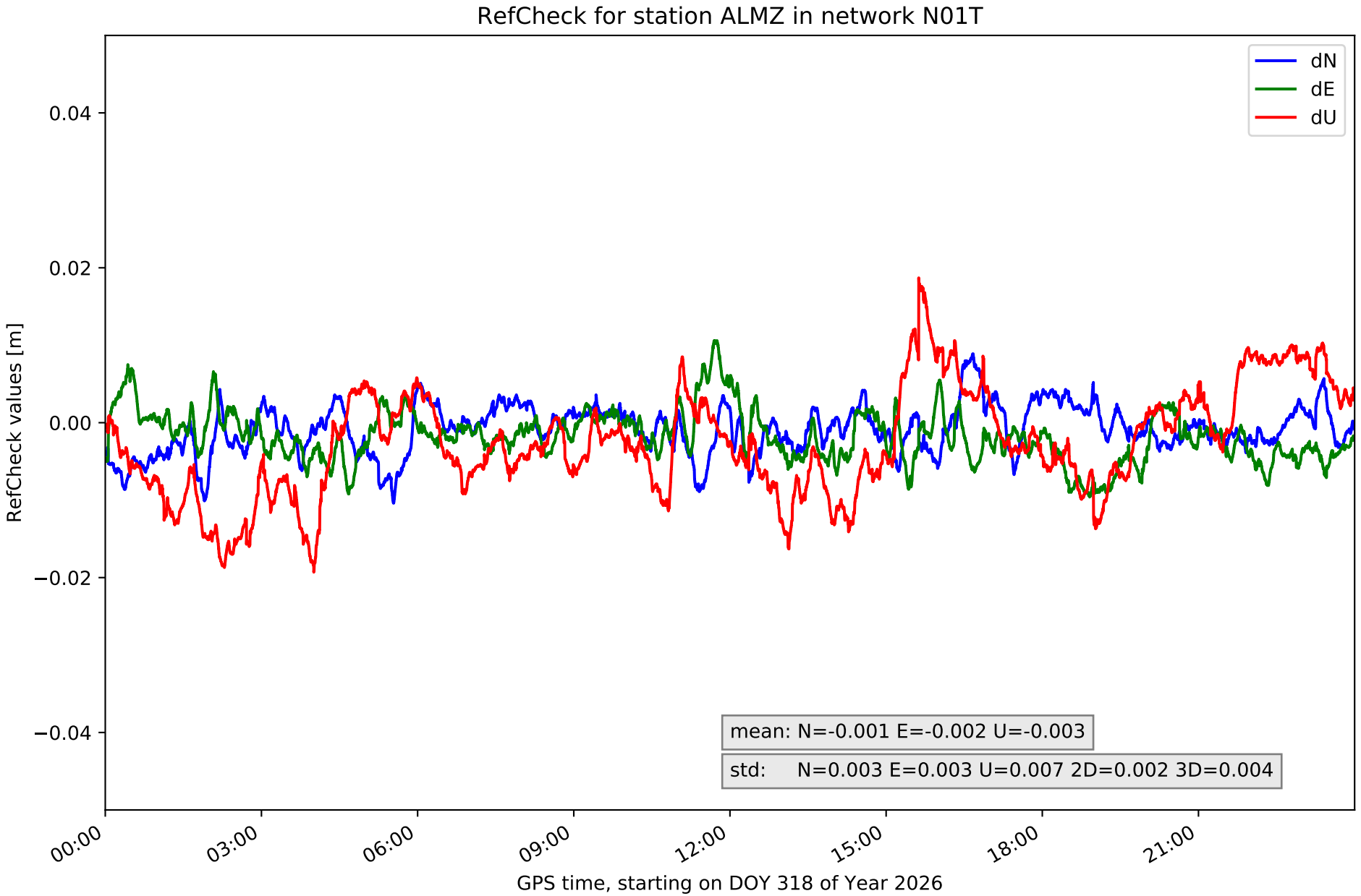

Station RIA1 in network N01T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

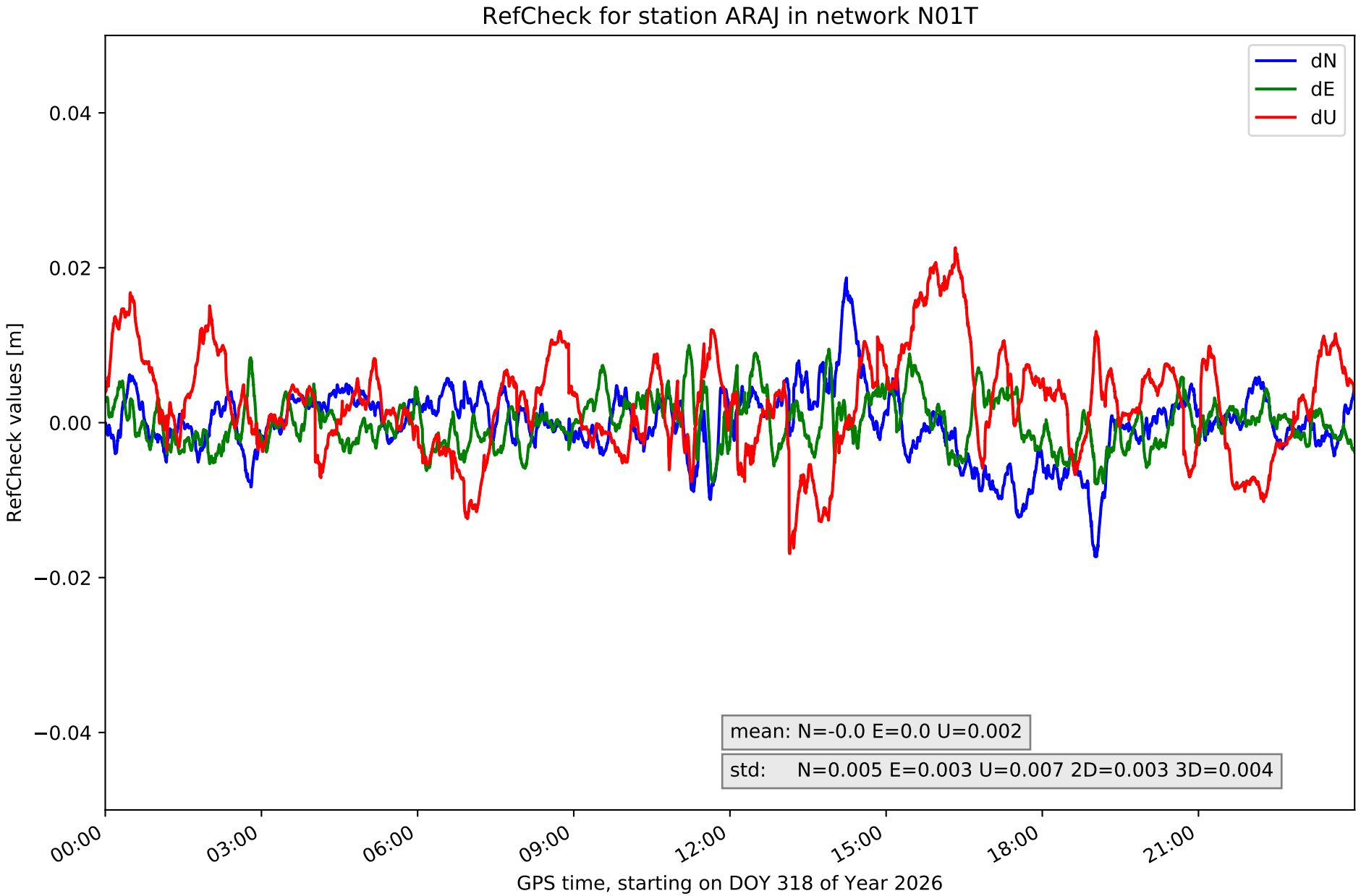

Station SGVA in network N01T
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

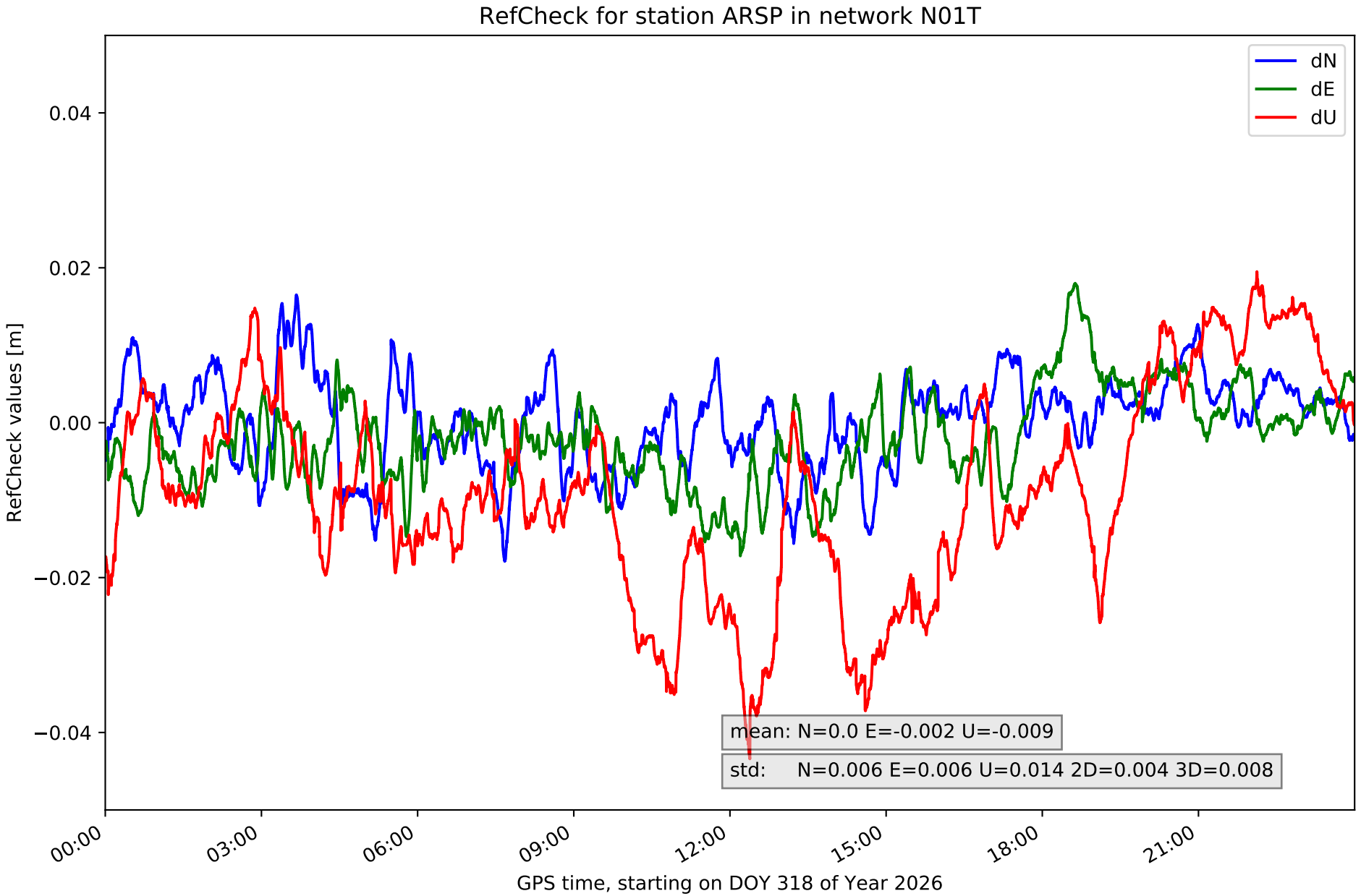

Station SMDV in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

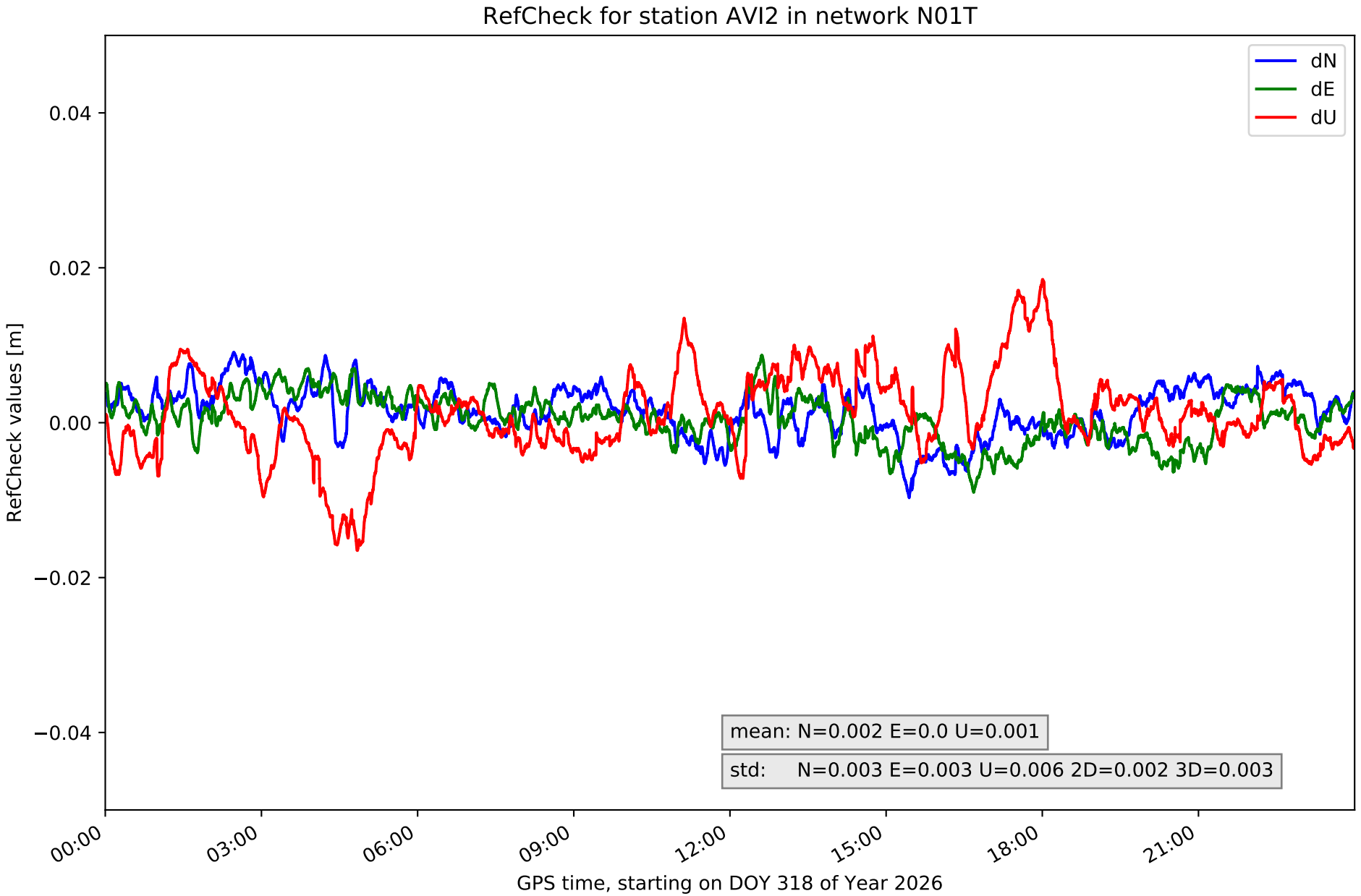

Station TALV in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

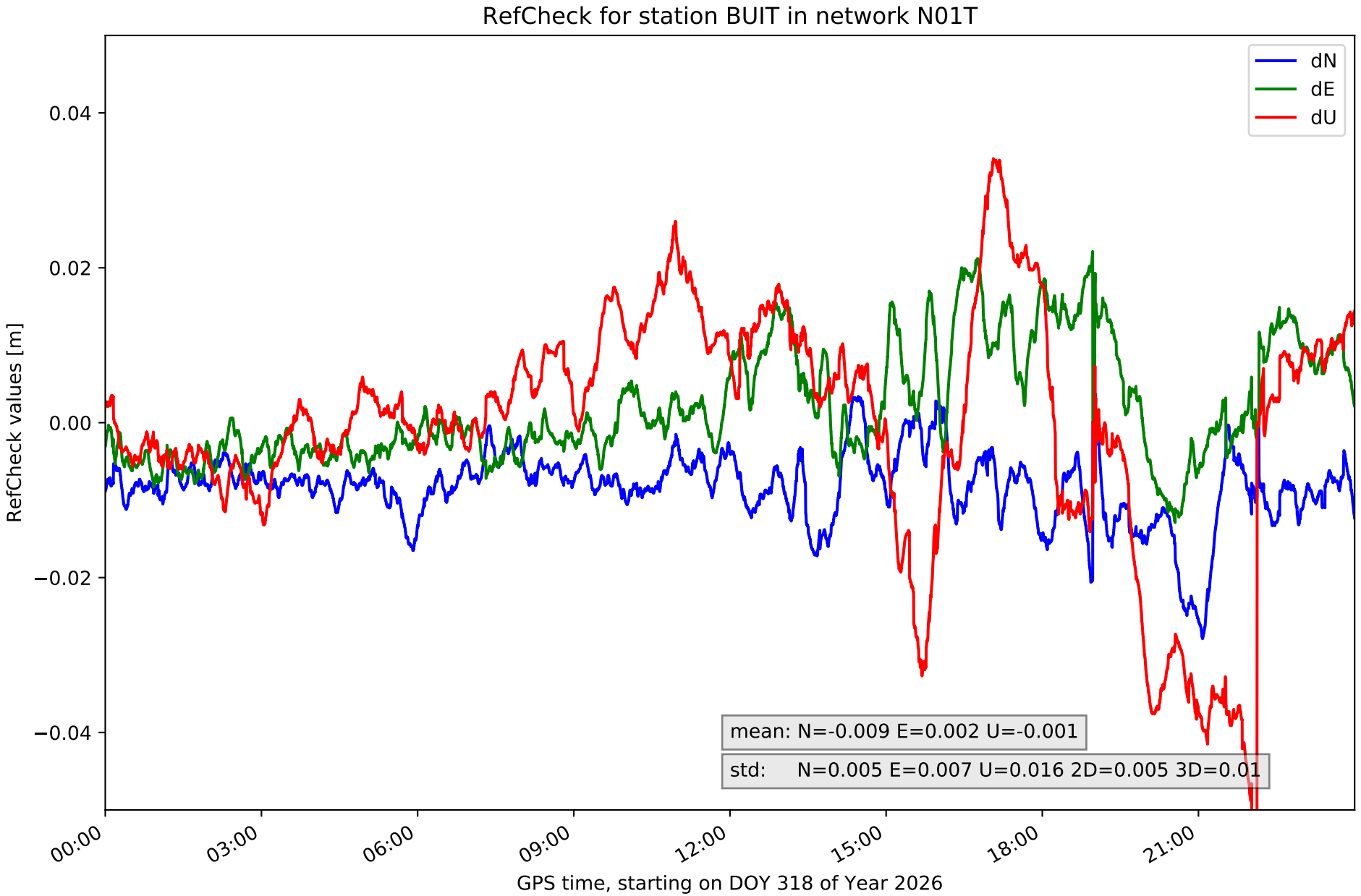

Station YEB1 in network N01T
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

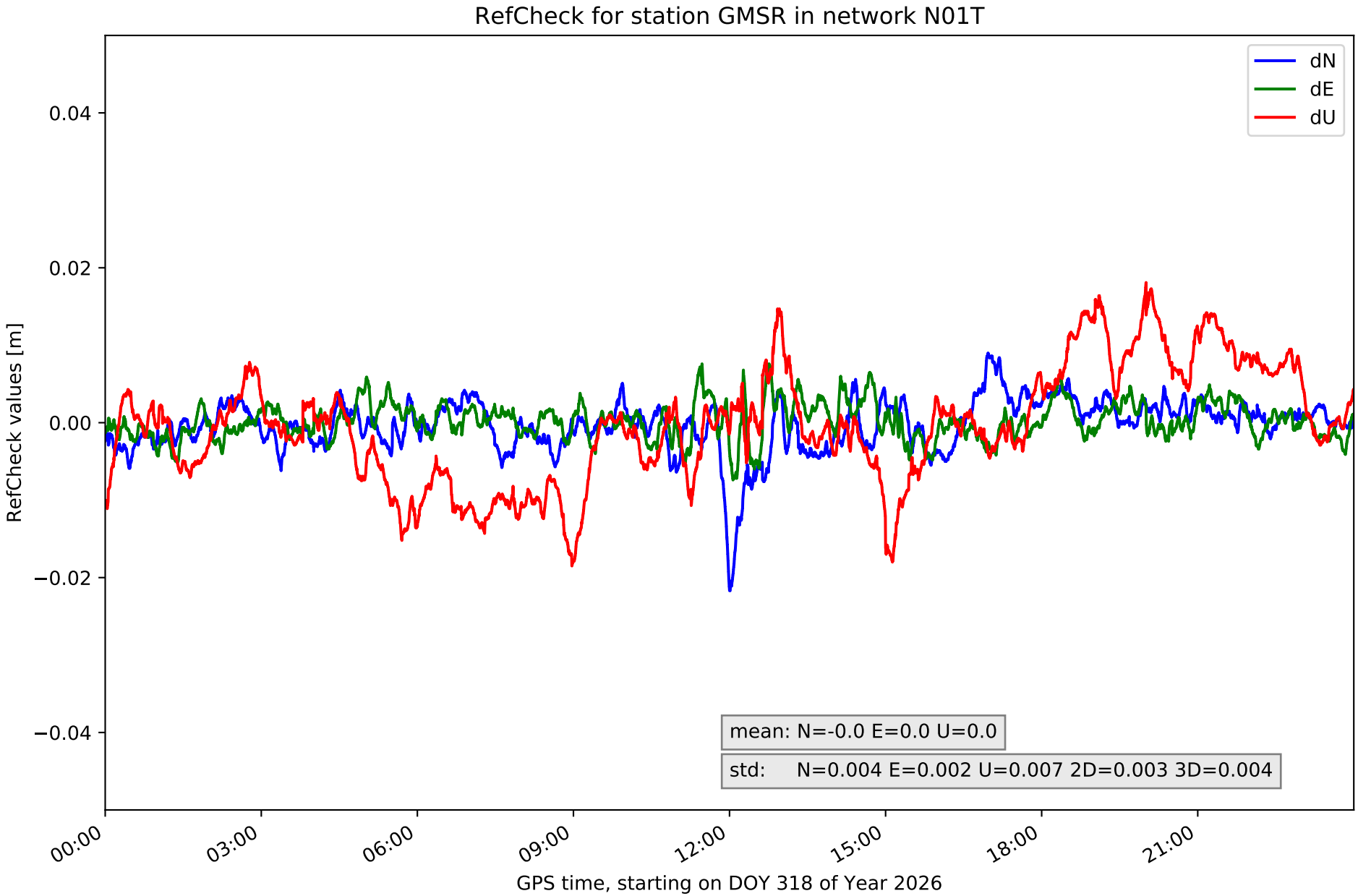

RefCheck for station ALMZ in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=-0.002 U=-0.003
std: N=0.003 E=0.003 U=0.007 2D=0.002 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

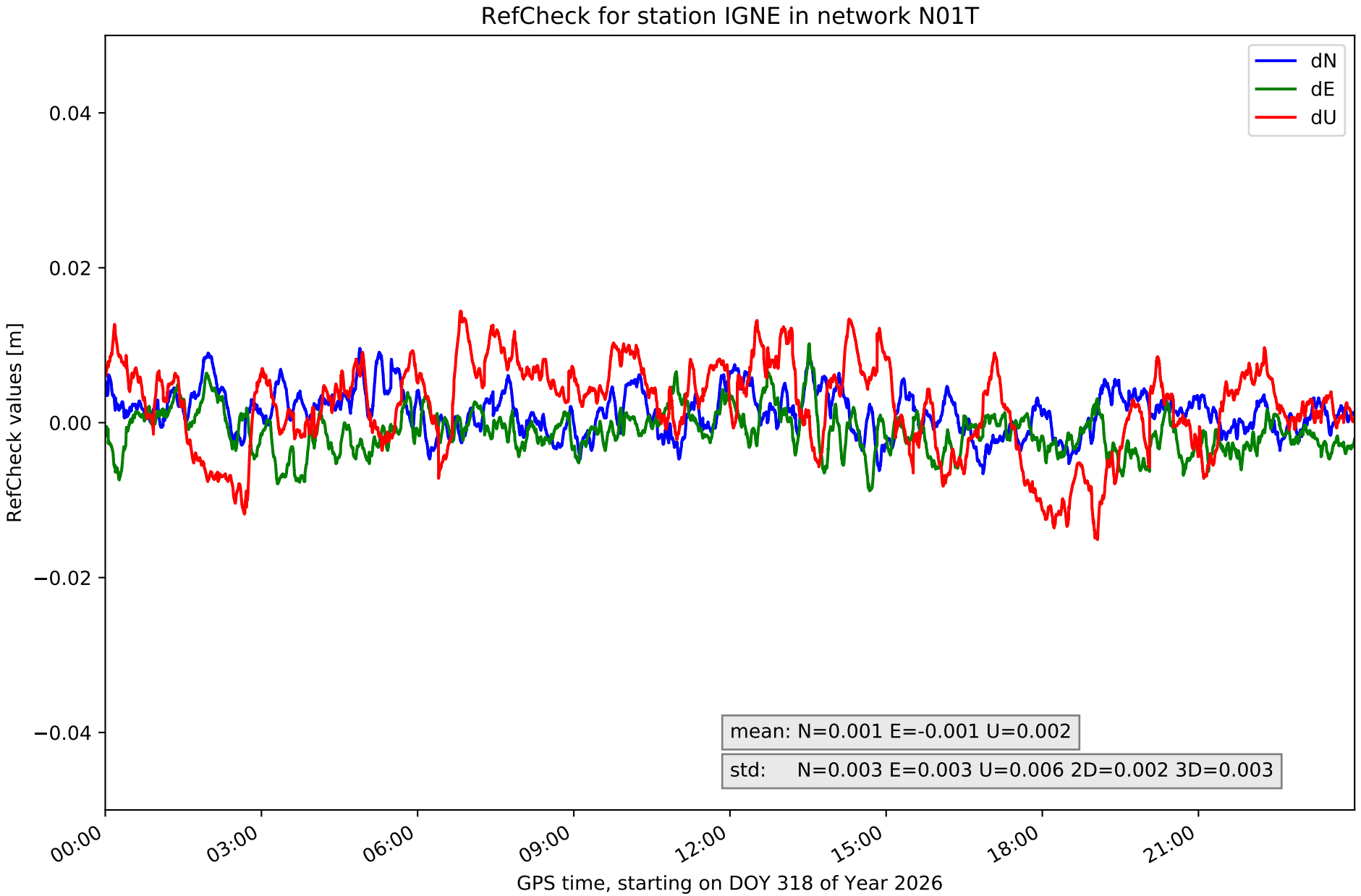

RefCheck for station ARAJ in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=0.0 U=0.002
std: N=0.005 E=0.003 U=0.007 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

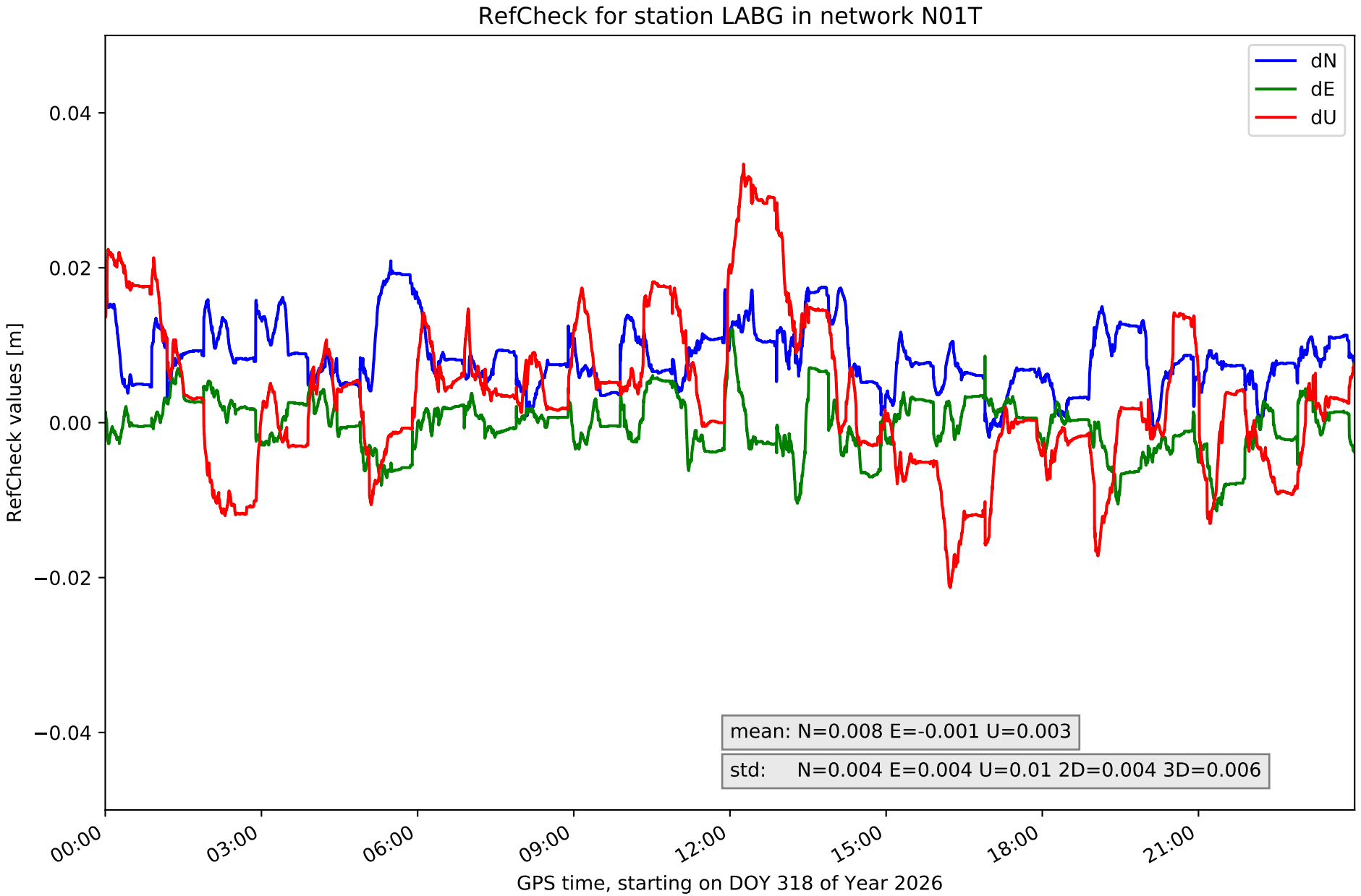

RefCheck for station ARSP in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=-0.002 U=-0.009
std: N=0.006 E=0.006 U=0.014 2D=0.004 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

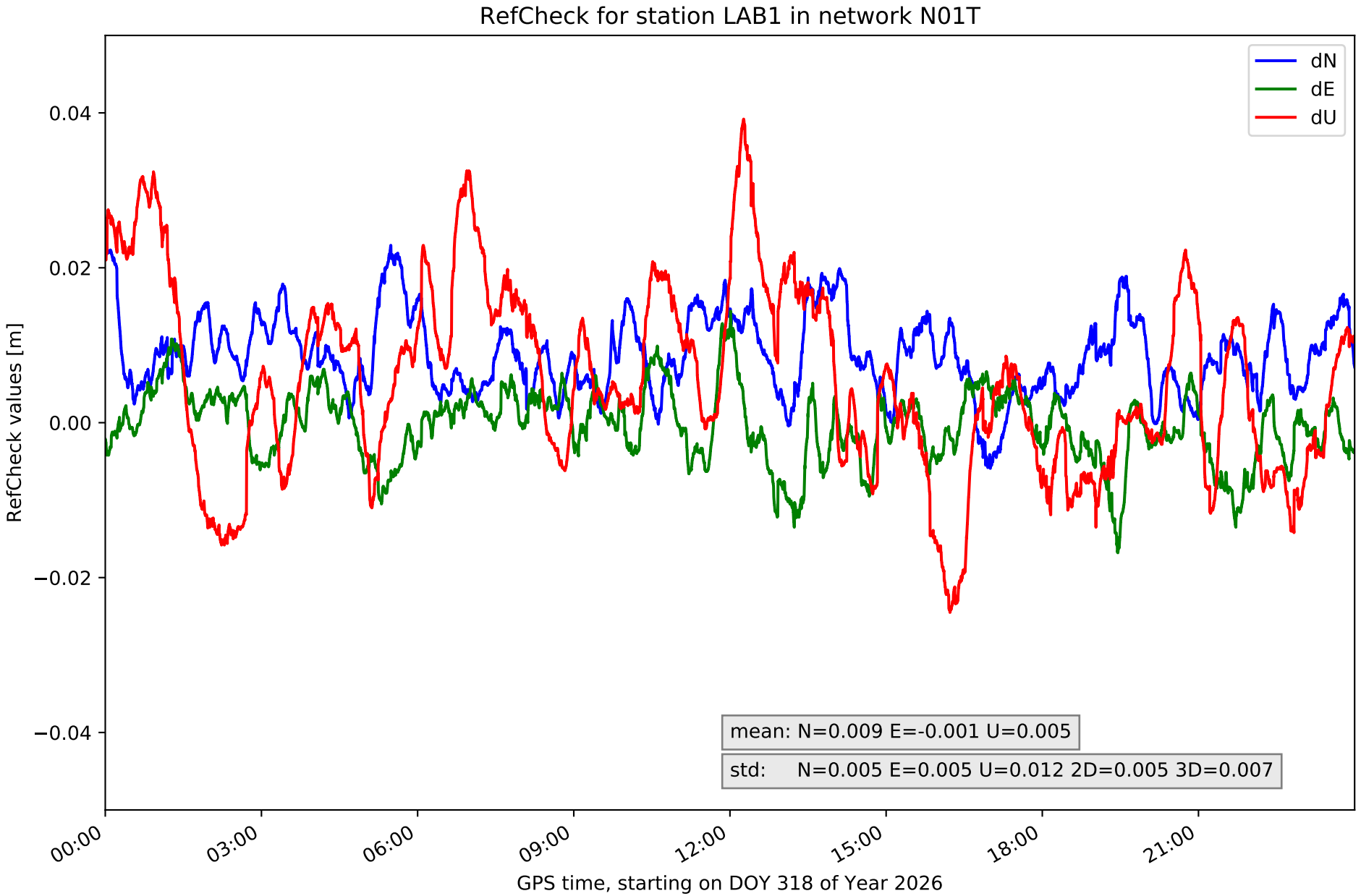

RefCheck for station AVI2 in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.0 U=0.001
std: N=0.003 E=0.003 U=0.006 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

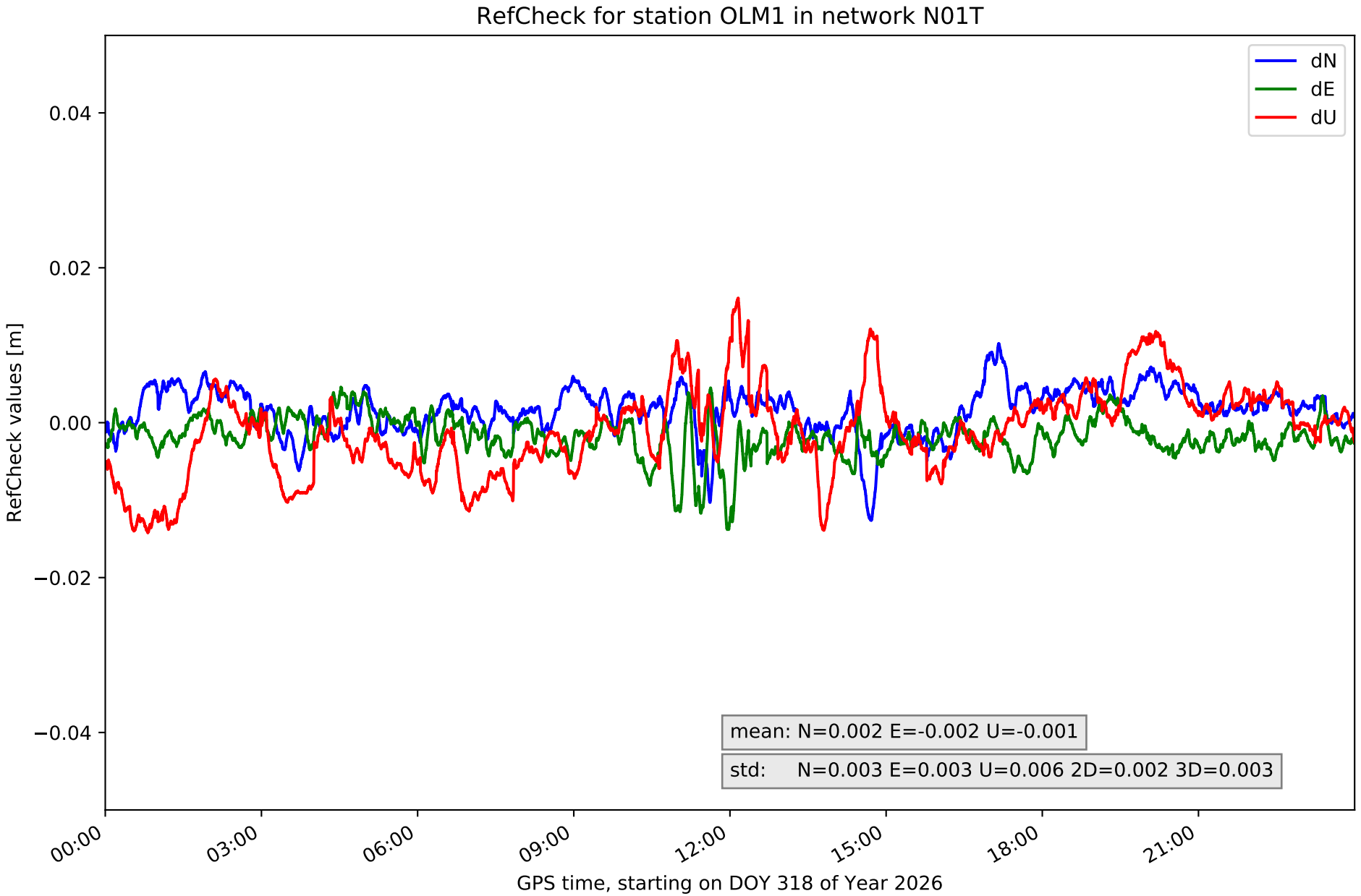

RefCheck for station BUIT in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.009 E=0.002 U=-0.001
std: N=0.005 E=0.007 U=0.016 2D=0.005 3D=0.01
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

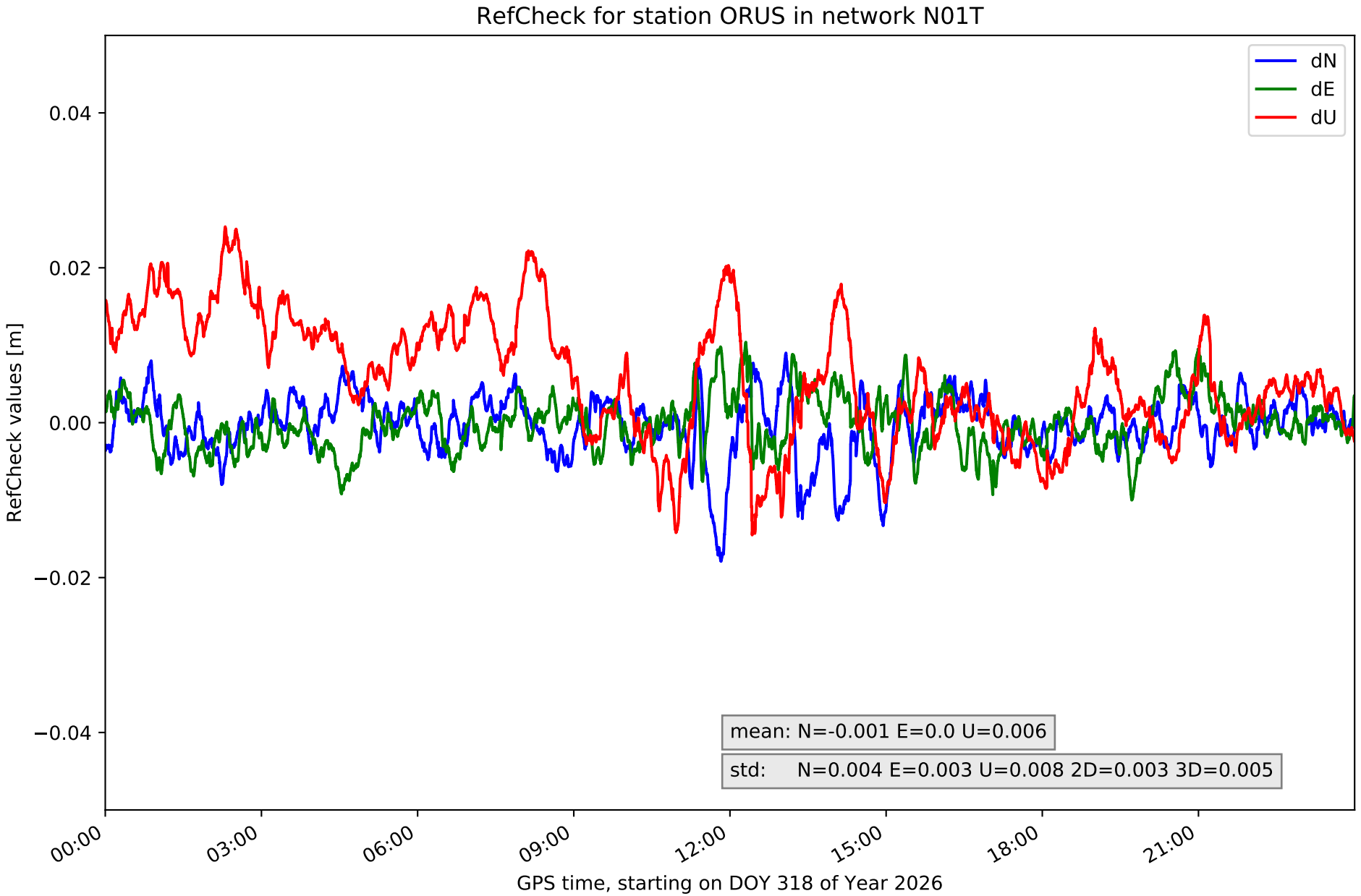

RefCheck for station GMSR in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=0.0 U=0.0
std: N=0.004 E=0.002 U=0.007 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

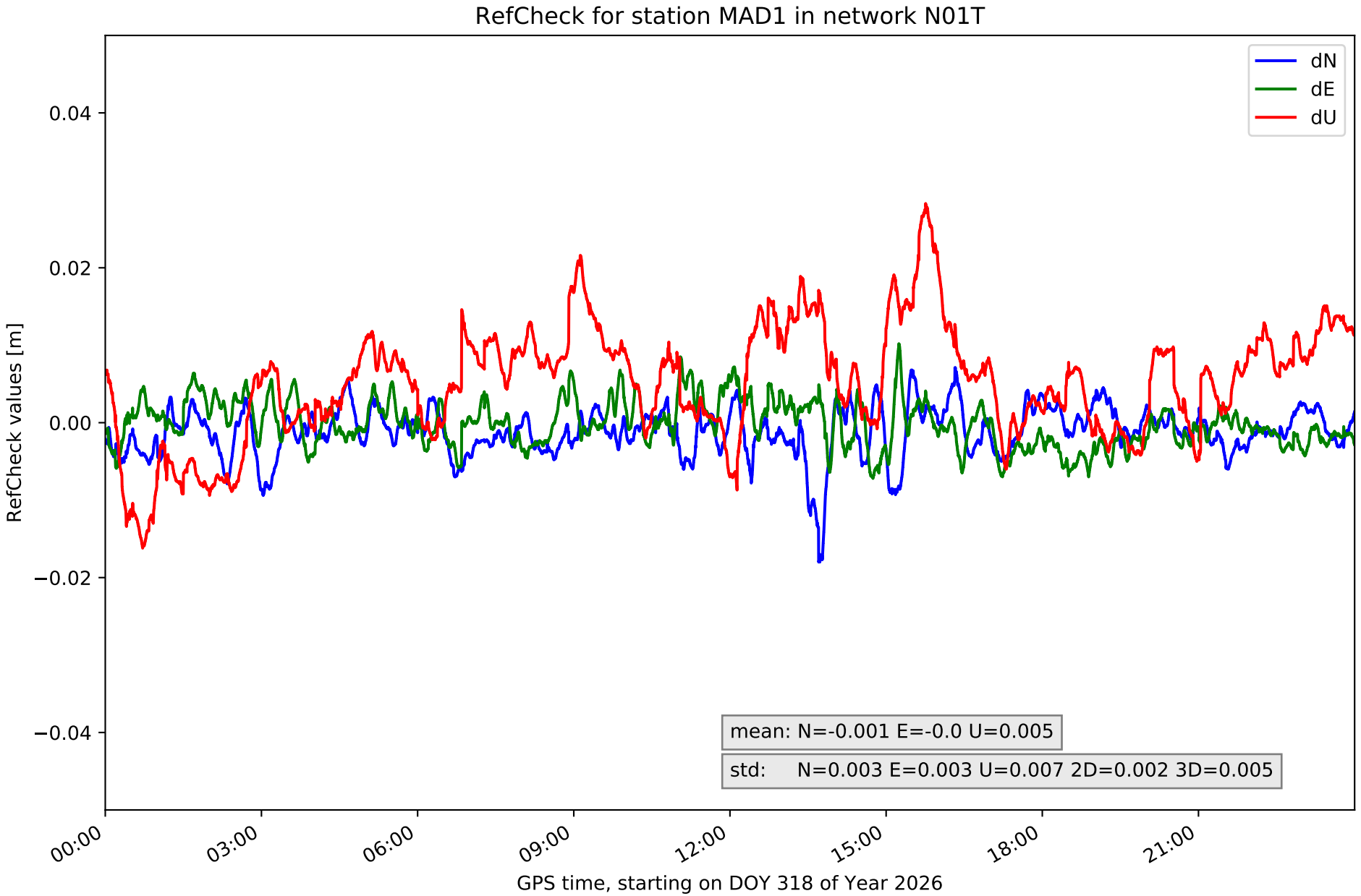

RefCheck for station IGNE in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=-0.001 U=0.002
std: N=0.003 E=0.003 U=0.006 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

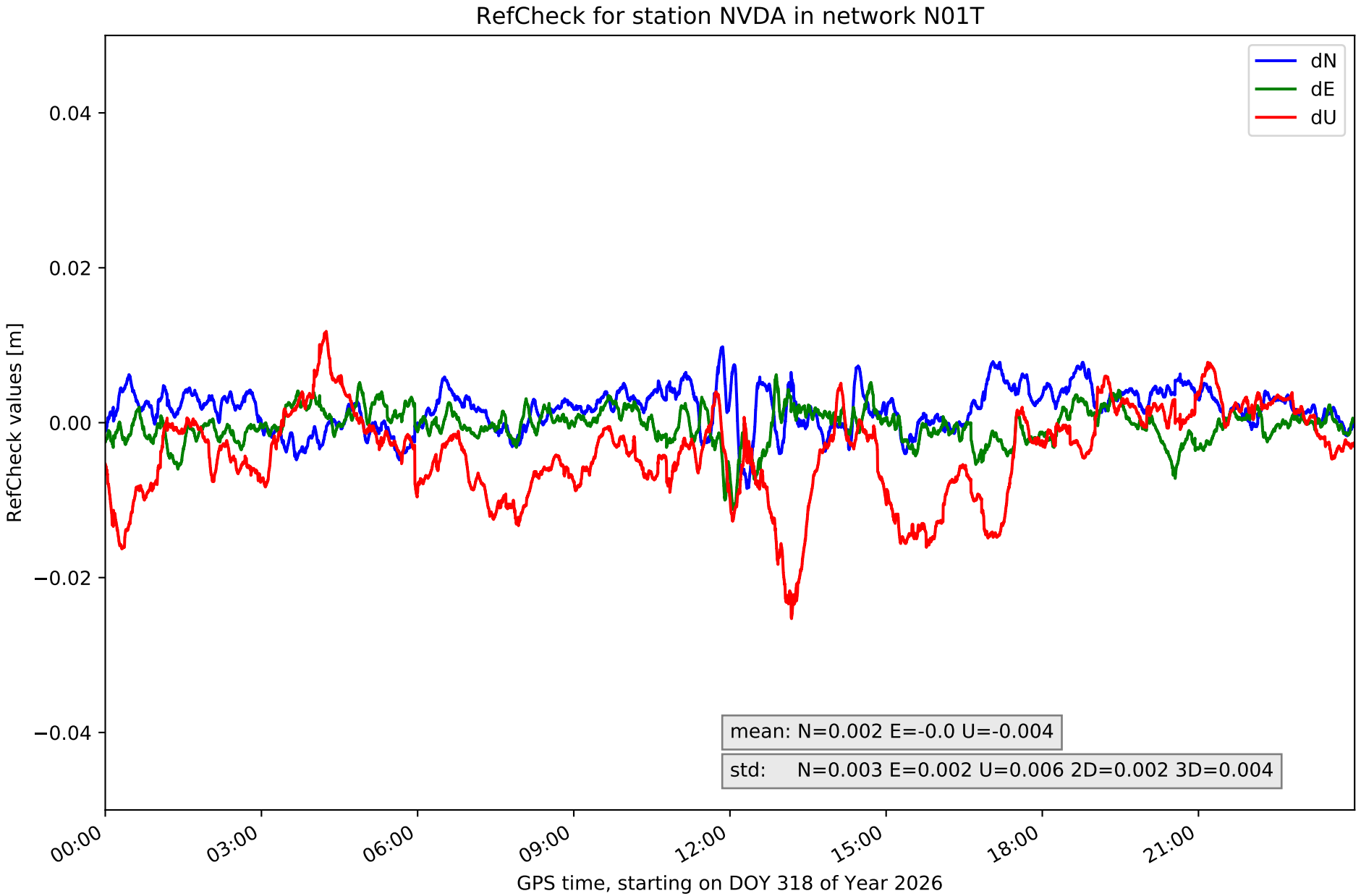

RefCheck for station LABG in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.008 E=-0.001 U=0.003
std: N=0.004 E=0.004 U=0.01 2D=0.004 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

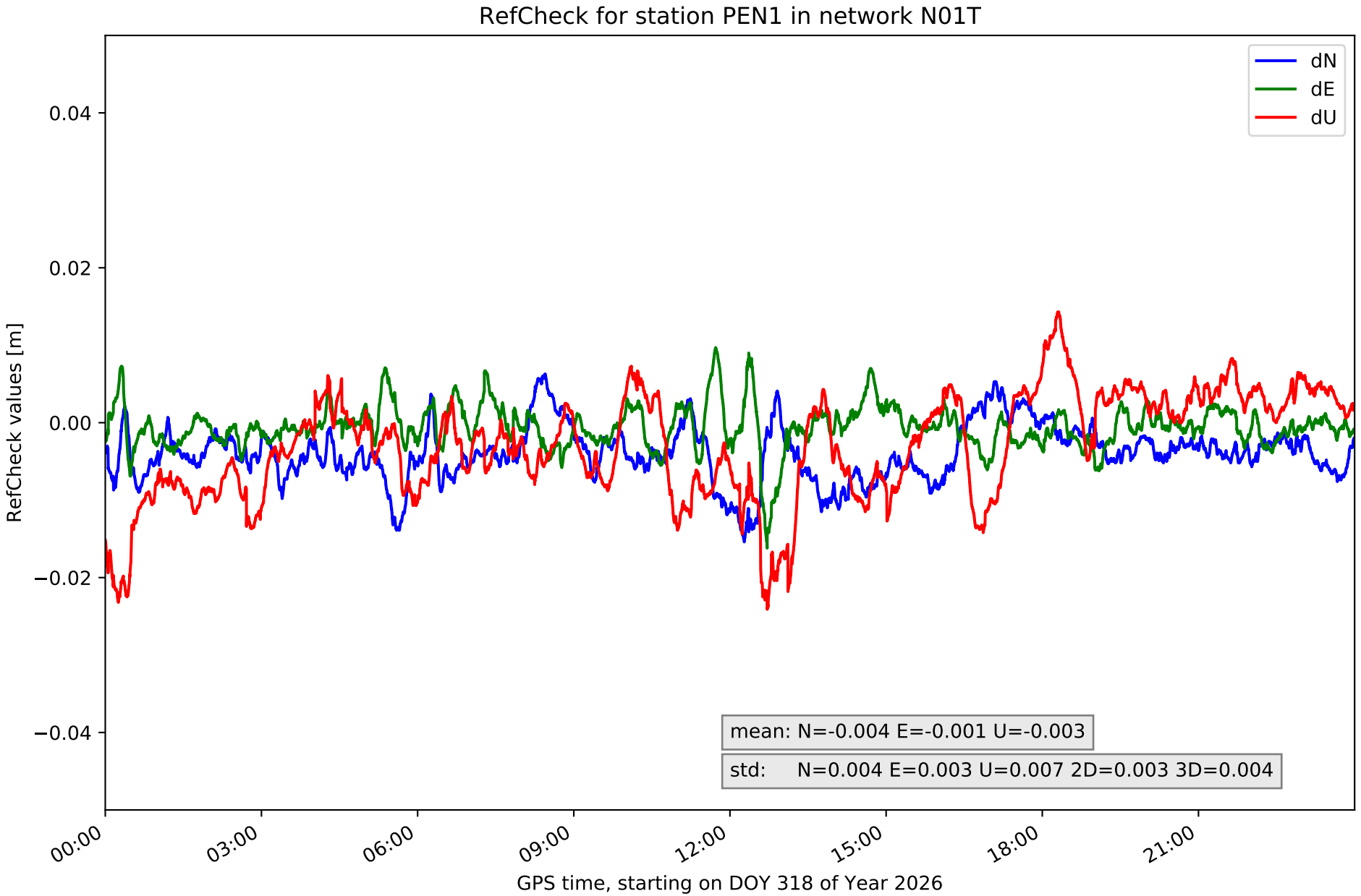

RefCheck for station LAB1 in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.009 E=-0.001 U=0.005
std: N=0.005 E=0.005 U=0.012 2D=0.005 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

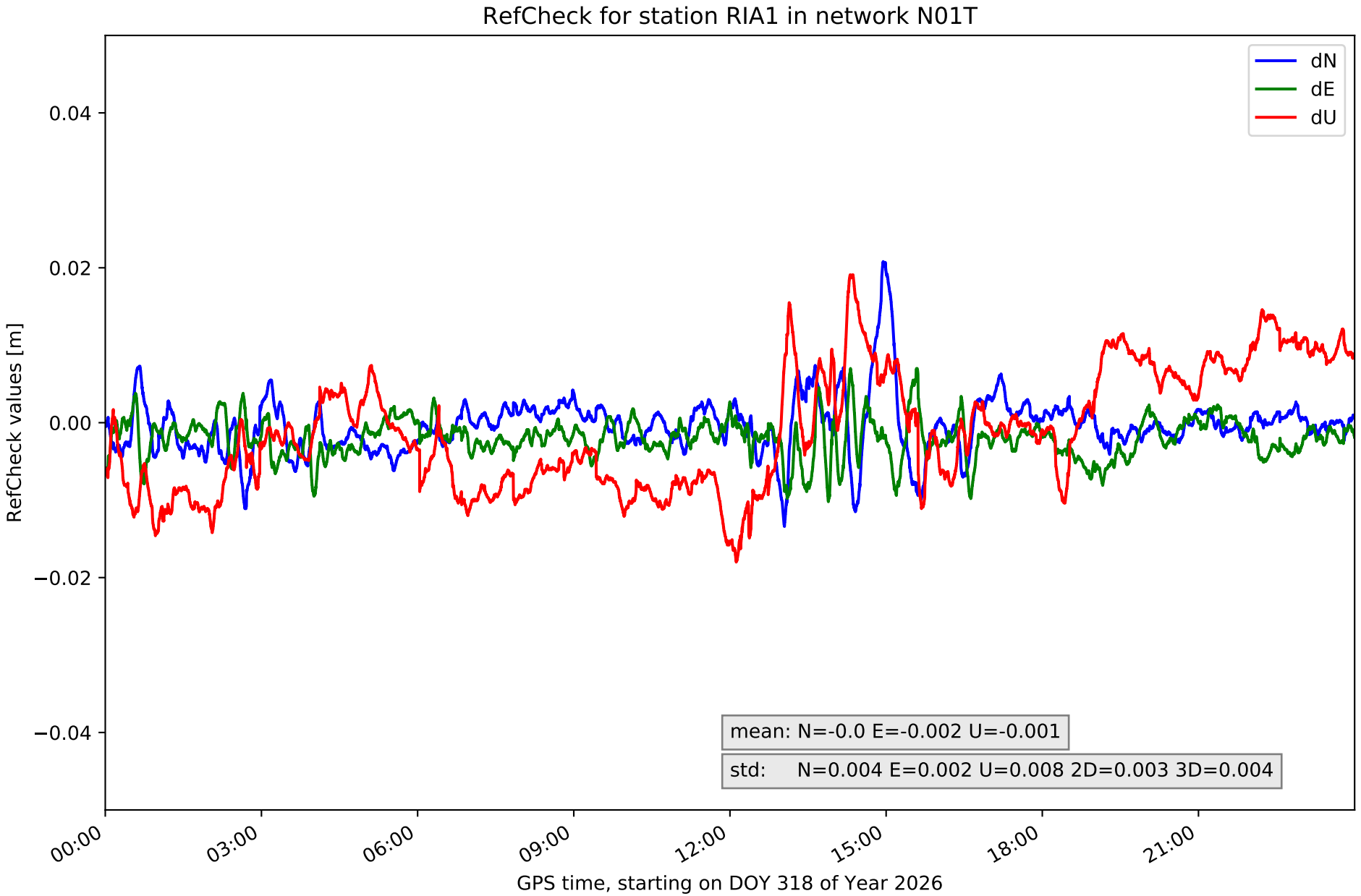

RefCheck for station OLM1 in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=-0.002 U=-0.001
std: N=0.003 E=0.003 U=0.006 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

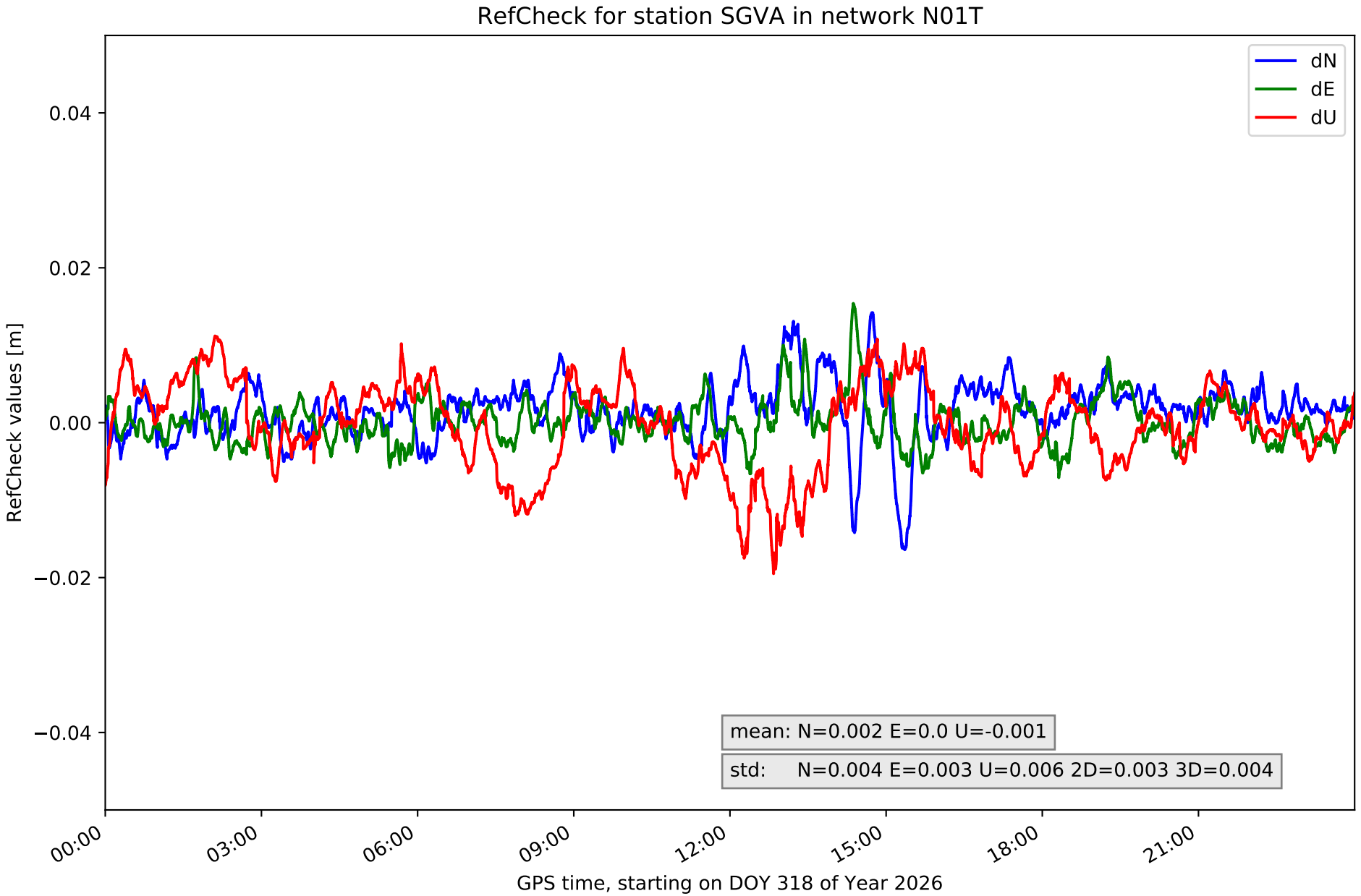

RefCheck for station ORUS in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=0.0 U=0.006
std: N=0.004 E=0.003 U=0.008 2D=0.003 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

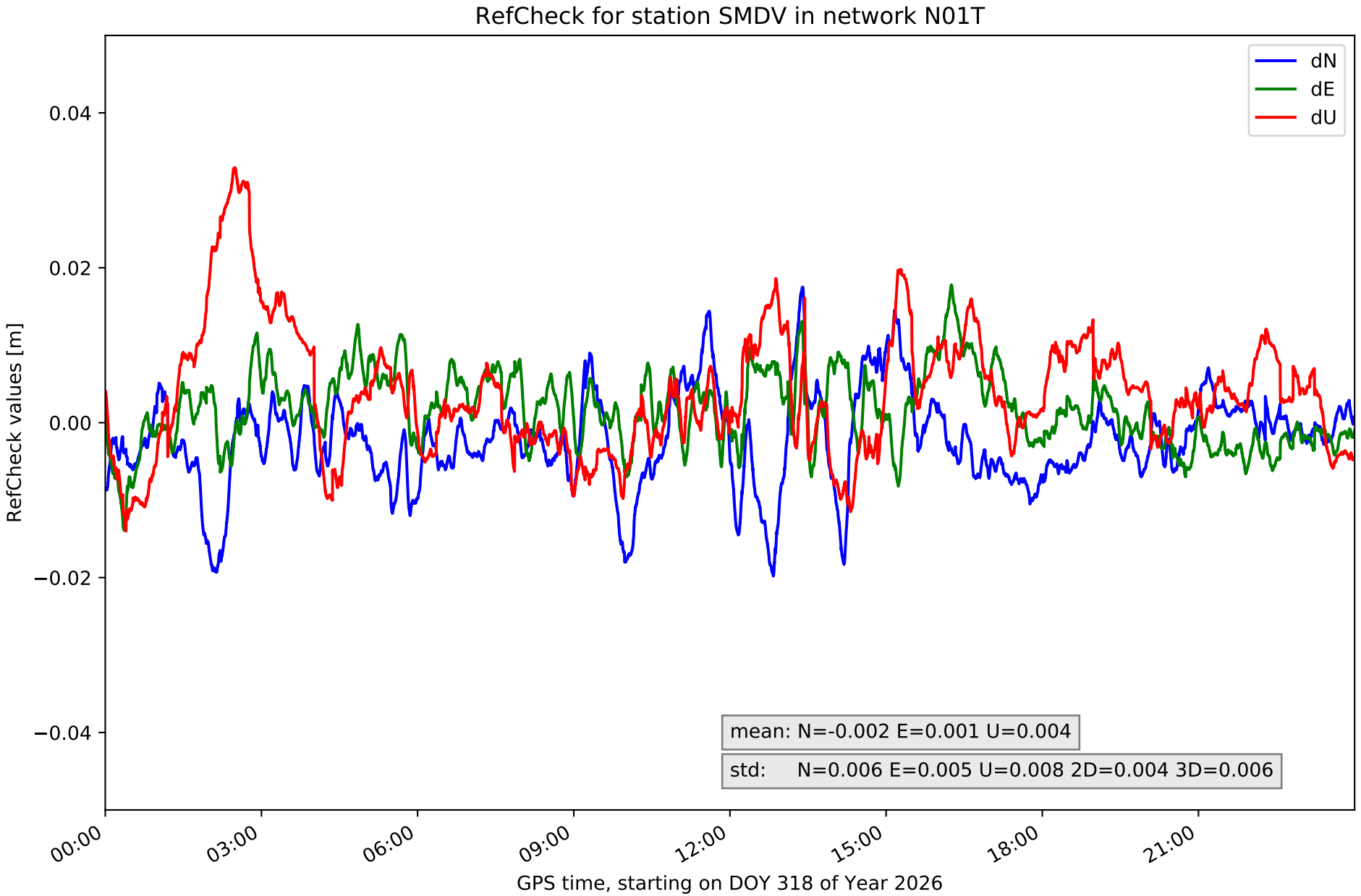

RefCheck for station MAD1 in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=-0.0 U=0.005
std: N=0.003 E=0.003 U=0.007 2D=0.002 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

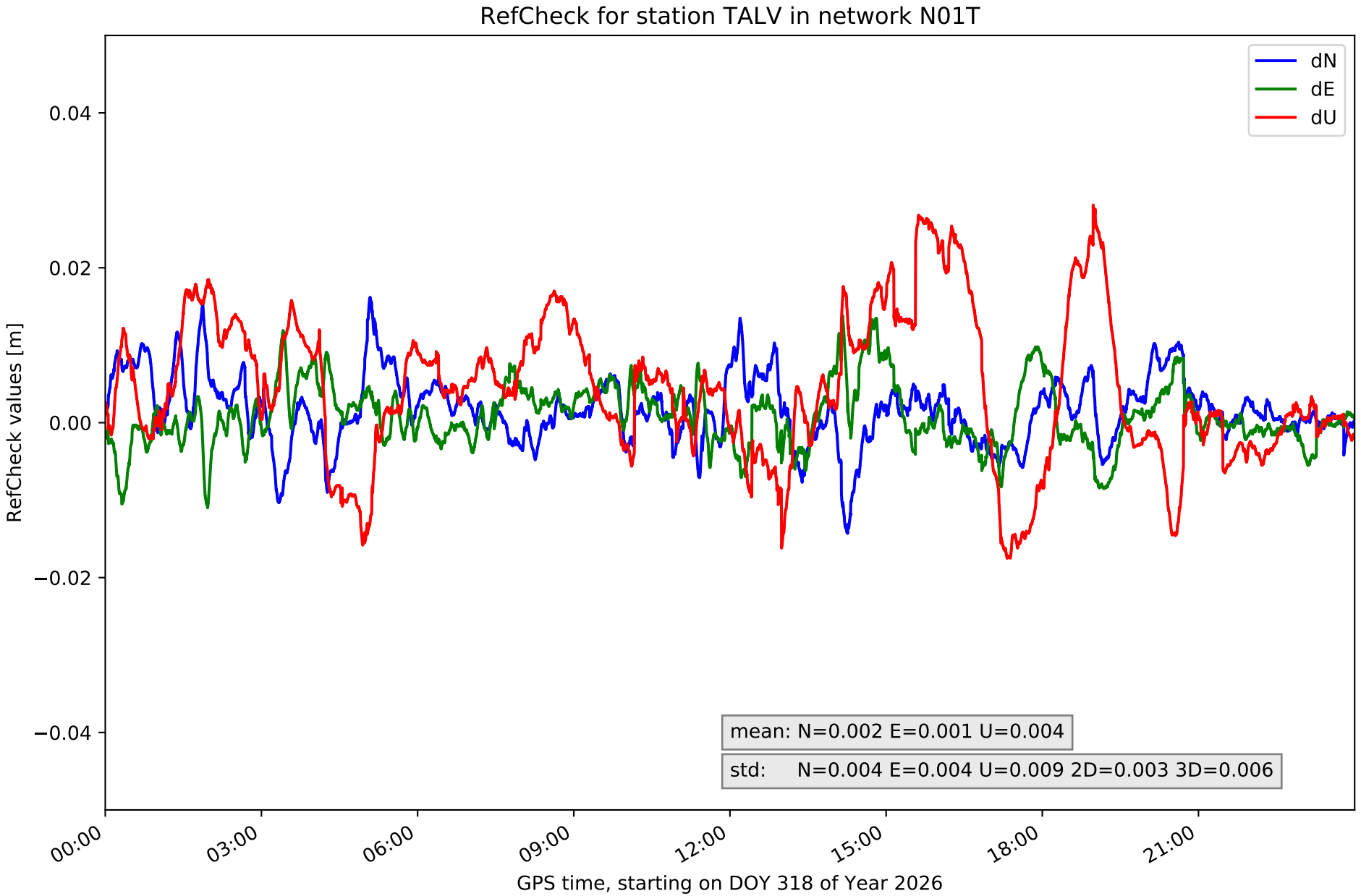

RefCheck for station NVDA in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=-0.0 U=-0.004
std: N=0.003 E=0.002 U=0.006 2D=0.002 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026

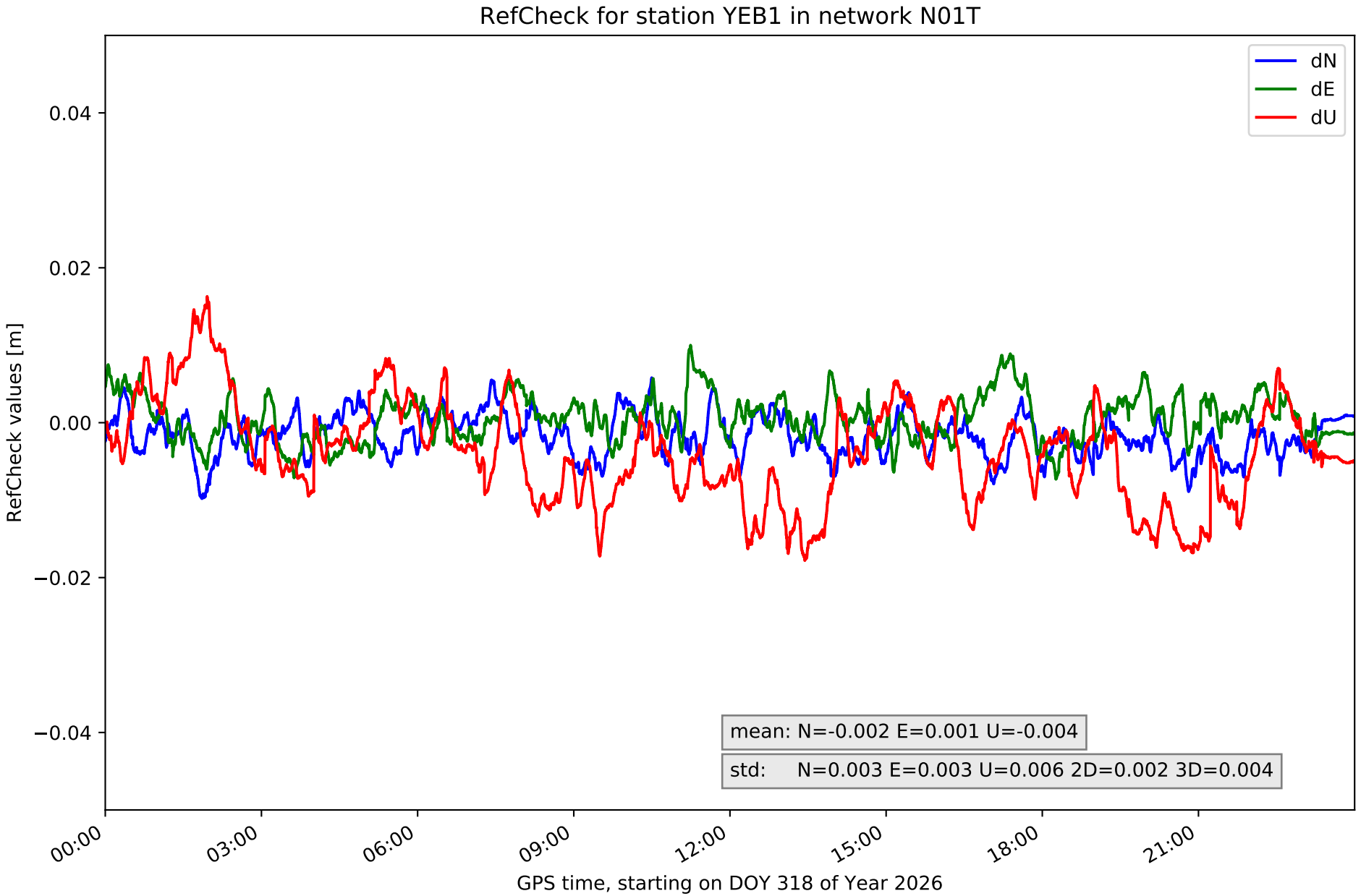

RefCheck for station PEN1 in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.004 E=-0.001 U=-0.003
std: N=0.004 E=0.003 U=0.007 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026


RefCheck for station RIA1 in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=-0.002 U=-0.001
std: N=0.004 E=0.002 U=0.008 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 318 of Year 2026


RefCheck for station SGVA in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.0 U=-0.001
std: N=0.004 E=0.003 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 318 of Year 2026


RefCheck for station SMDV in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=0.001 U=0.004
std: N=0.006 E=0.005 U=0.008 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 318 of Year 2026


RefCheck for station TALV in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.001 U=0.004
std: N=0.004 E=0.004 U=0.009 2D=0.003 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 318 of Year 2026


RefCheck for station YEB1 in network N01T
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=0.001 U=-0.004
std: N=0.003 E=0.003 U=0.006 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 318 of Year 2026

RefCheck values for network N01T

Station	Nmin	Nmax	Nstd	Emin	Emax	Estd	Umin	Umax	Ustd	std2D	std3D	#2D > 0.01	% 2D > 0.01	#3D > 0.02	% 3D > 0.02
ALMZ	-0.01	0.009	0.003	-0.01	0.011	0.003	-0.019	0.019	0.007	0.002	0.004	703	1.2	0	0.0
ARAJ	-0.017	0.019	0.005	-0.008	0.01	0.003	-0.017	0.023	0.007	0.003	0.004	3832	6.5	738	1.3
ARSP	-0.018	0.017	**0.006**	**-0.017**	0.018	0.006	-0.043	0.019	0.014	0.004	0.008	16340	27.9	14196	24.3
AVI2	-0.01	0.009	0.003	-0.009	0.009	0.003	-0.017	0.018	0.006	0.002	0.003	114	0.2	0	0.0
BUIT	**-0.028**	0.004	0.005	-0.013	**0.022**	**0.007**	**-0.06**	0.034	**0.016**	**0.005**	**0.01**	**27763**	**47.5**	**16369**	**28.0**
GMSR	-0.022	0.009	0.004	-0.007	0.008	0.002	-0.018	0.018	0.007	0.003	0.004	1173	2.0	293	0.5
IGNE	-0.007	0.01	0.003	-0.009	0.01	0.003	-0.015	0.014	0.006	0.002	0.003	434	0.7	0	0.0
LABG	-0.002	0.021	0.004	-0.011	0.012	0.004	-0.021	0.033	0.01	0.004	0.006	22463	38.4	6747	11.5
LAB1	-0.006	**0.024**	0.005	**-0.017**	0.014	0.005	-0.025	**0.039**	0.012	**0.005**	0.007	27515	47.0	14629	25.0
OLM1	-0.013	0.01	0.003	-0.014	0.005	0.003	-0.014	0.016	0.006	0.002	0.003	1962	3.4	0	0.0
ORUS	-0.018	0.009	0.004	-0.01	0.01	0.003	-0.015	0.025	0.008	0.003	0.005	2793	4.8	3208	5.5
MAD1	-0.018	0.007	0.003	-0.007	0.01	0.003	-0.016	0.028	0.007	0.002	0.005	928	1.6	1476	2.5
NVDA	-0.009	0.01	0.003	-0.011	0.006	0.002	-0.025	0.012	0.006	0.002	0.004	574	1.0	906	1.5
PEN1	-0.015	0.006	0.004	-0.016	0.01	0.003	-0.024	0.014	0.007	0.003	0.004	5207	8.9	1840	3.1
RIA1	-0.013	0.021	0.004	-0.01	0.007	0.002	-0.018	0.019	0.008	0.003	0.004	2139	3.7	676	1.2
SGVA	-0.016	0.014	0.004	-0.007	0.015	0.003	-0.019	0.011	0.006	0.003	0.004	2742	4.7	215	0.4
SMDV	-0.02	0.018	**0.006**	-0.014	0.018	0.005	-0.014	0.033	0.008	0.004	0.006	10780	18.4	3987	6.8
TALV	-0.014	0.016	0.004	-0.011	0.014	0.004	-0.018	0.028	0.009	0.003	0.006	5448	9.3	4931	8.4
YEB1	-0.01	0.006	0.003	-0.007	0.01	0.003	-0.018	0.016	0.006	0.002	0.004	527	0.9	0	0.0
Mean	**-0.014**	**0.013**	**0.004**	**-0.011**	**0.012**	**0.004**	**-0.022**	**0.022**	**0.008**	**0.003**	**0.005**	**7023.0**	**12.0**	**3695.3**	**6.3**
Min/Max	**-0.028**	**0.024**	**0.006**	**-0.017**	**0.022**	**0.007**	**-0.06**	**0.039**	**0.016**	**0.005**	**0.01**	**27763**	**47.5**	**16369**	**28.0**

fixing statistic for network N01T

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	94.6	95.6	94.8	95.9	91.9
considering satellites with dual-frequency fixed	92.6	93.6	92.4	94.2	89.0
considering all signals separately	92.7	93.8	92.4	94.4	88.0