summary for network NET1

timeperiod chosen: from 2026-02-19-00:00:00 until 2026-02-19-23:59:59

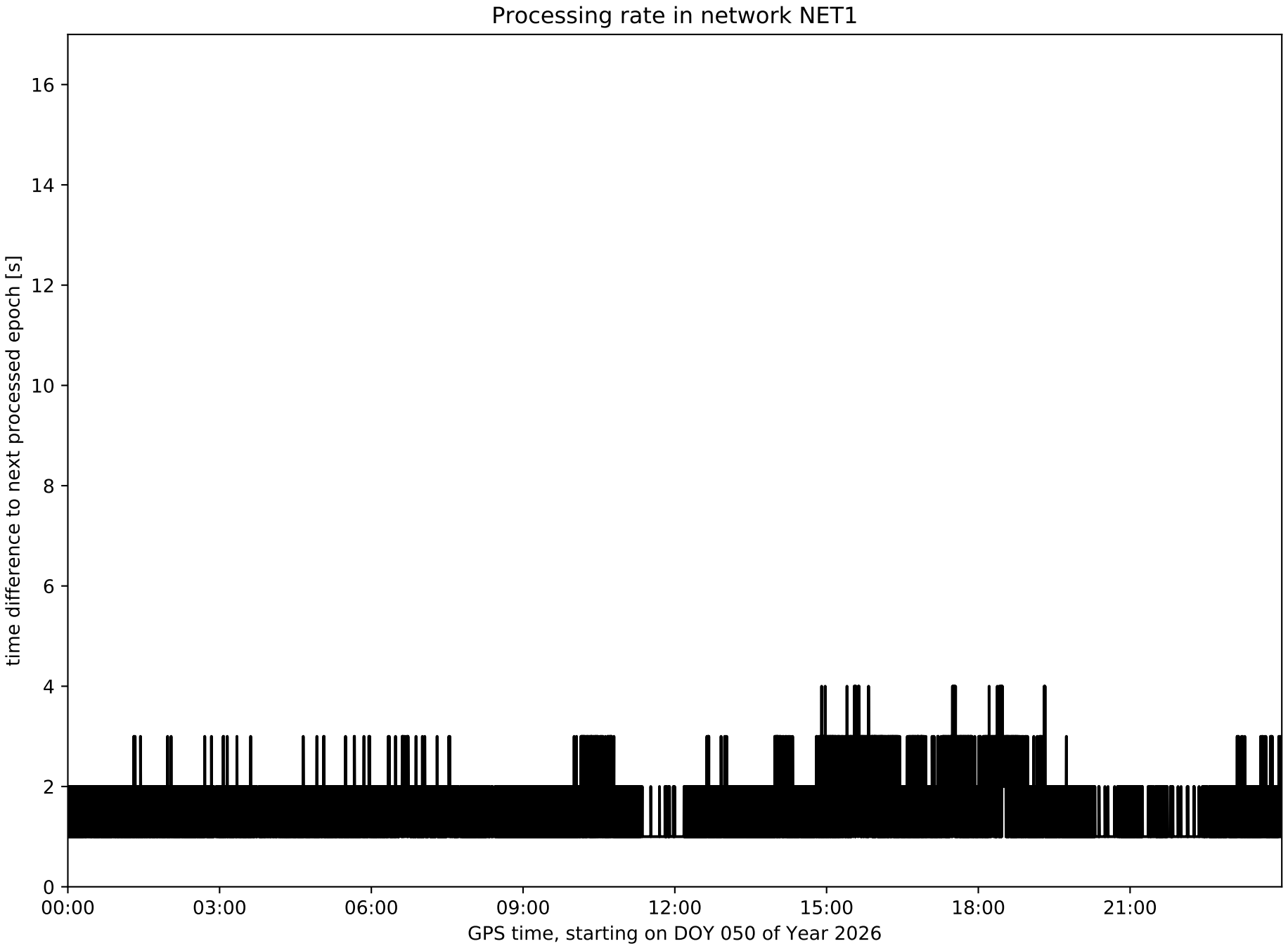
average update rate (durations larger than 15 seconds considered as observation gap): 1.2 seconds

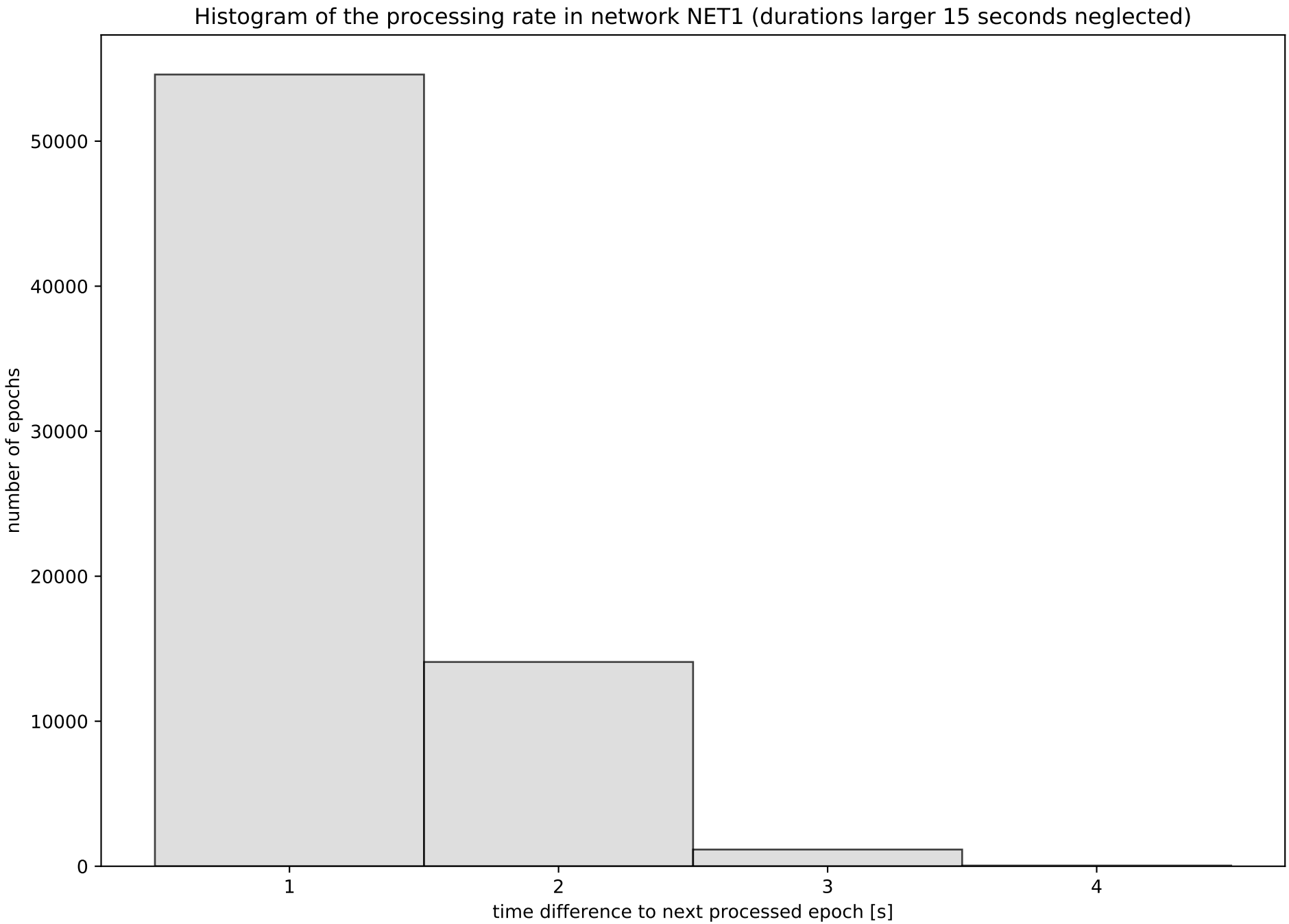
average fixing percentage with threshold set to 0.3: 93.2 percent

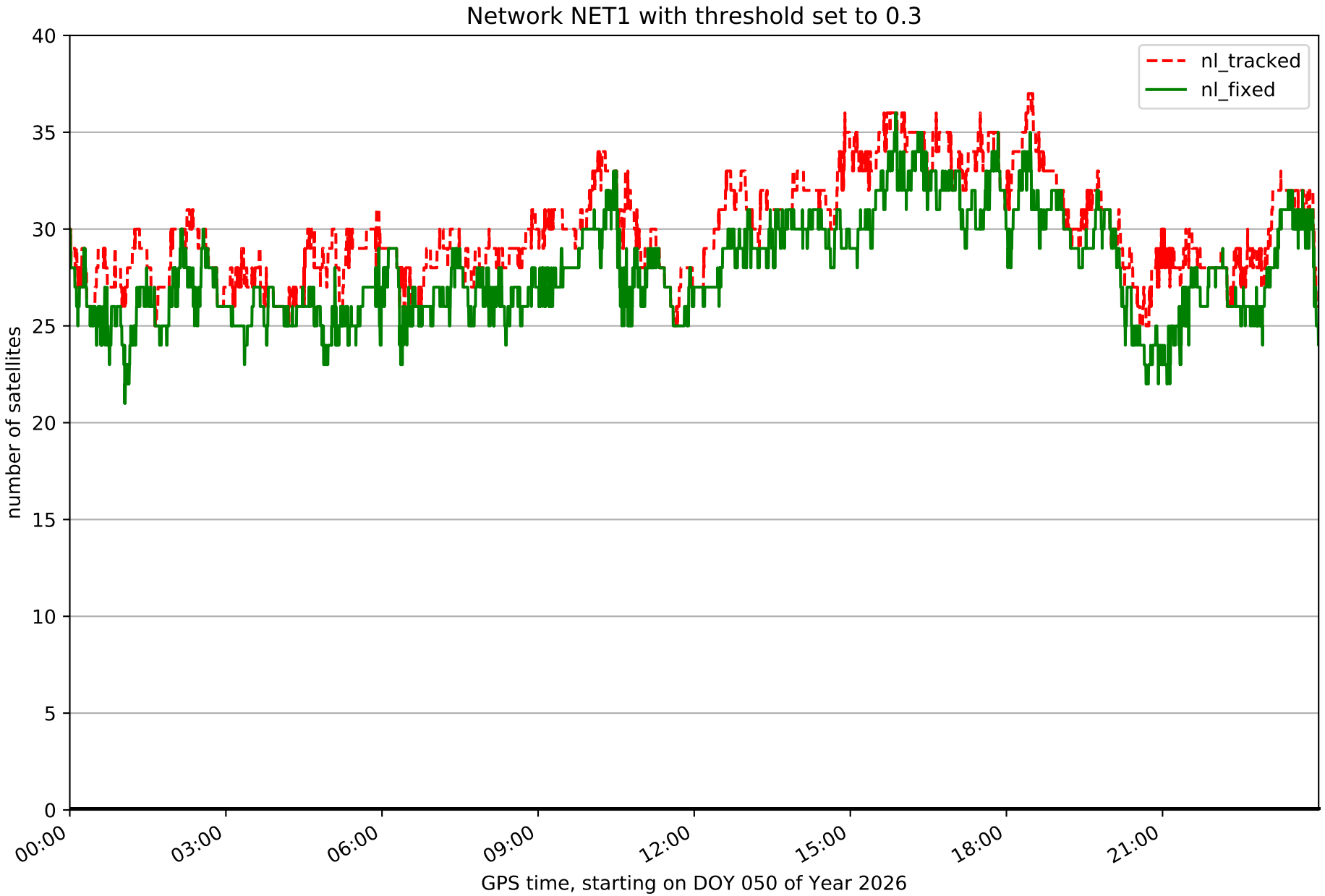
stations available: 17 of 17

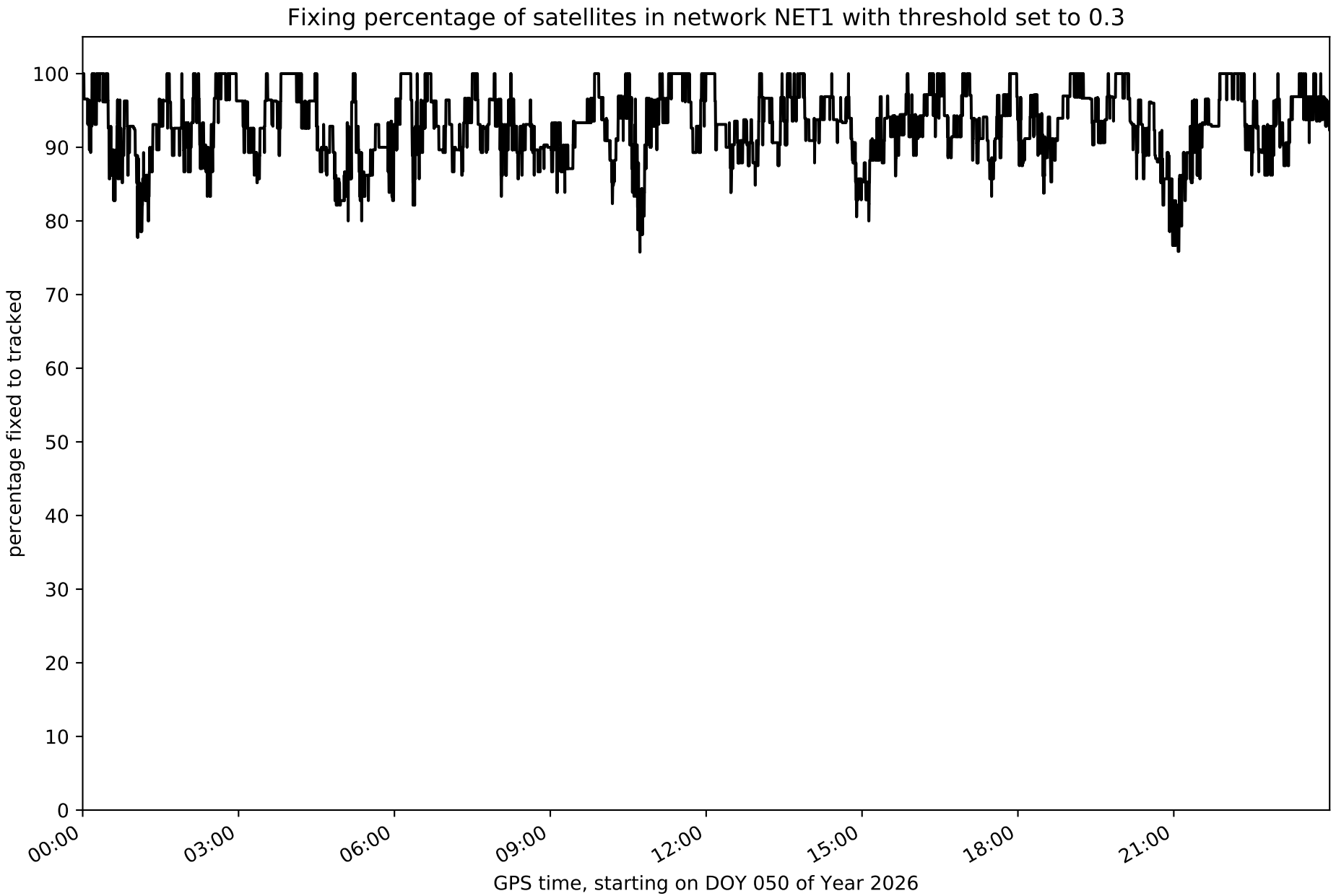
station information:

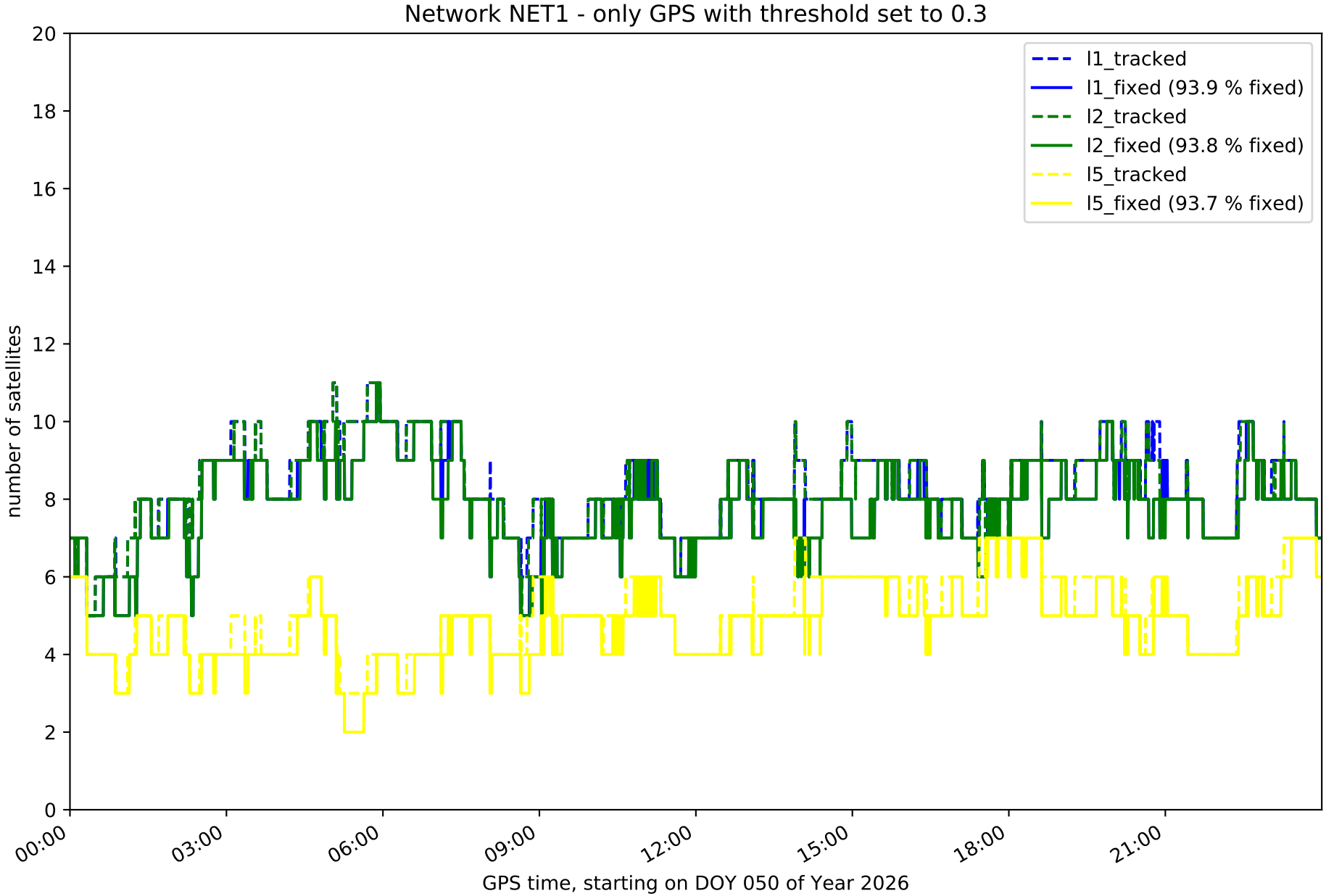
station ALMZ:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 1019.452
station ARAJ:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 580.921
station ARSP:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 638.139
station AVI2:	antenna: TRM59900.00	SCIS	receiver: TRIMBLE NETR9	height: 1206.515
station BUIT:	antenna: TRM57971.00	TZGD	receiver: TRIMBLE NETR9	height: 1032.705
station GMSR:	antenna: GPPNULLANTENNA	NONE	receiver: TRIMBLE R750	height: 864.057
station IGNE:	antenna: LEIAT504GG	LEIS	receiver: LEICA GR50	height: 766.956
station MAD1:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 724.483
station NVDA:	antenna: GPPNULLANTENNA	NONE	receiver: TRIMBLE R750	height: 933.478
station OLM1:	antenna: TRM59900.00	SCIS	receiver: TRIMBLE NETR9	height: 829.129
station ORUS:	antenna: TRM57971.00	TZGD	receiver: TRIMBLE NETR9	height: 862.752
station PEN1:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR30	height: 814.558
station RIA1:	antenna: TRM59900.00	SCIS	receiver: TRIMBLE NETR9	height: 1263.778
station SGVA:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 1076.312
station SMDV:	antenna: TPSCR.G3	TPSH	receiver: TPS NET-G5	height: 670.791
station TALV:	antenna: TPSCR.G5	TPSH	receiver: TPS NET-G5	height: 458.35
station YEB1:	antenna: LEIAR25	NONE	receiver: LEICA GR25	height: 975.396

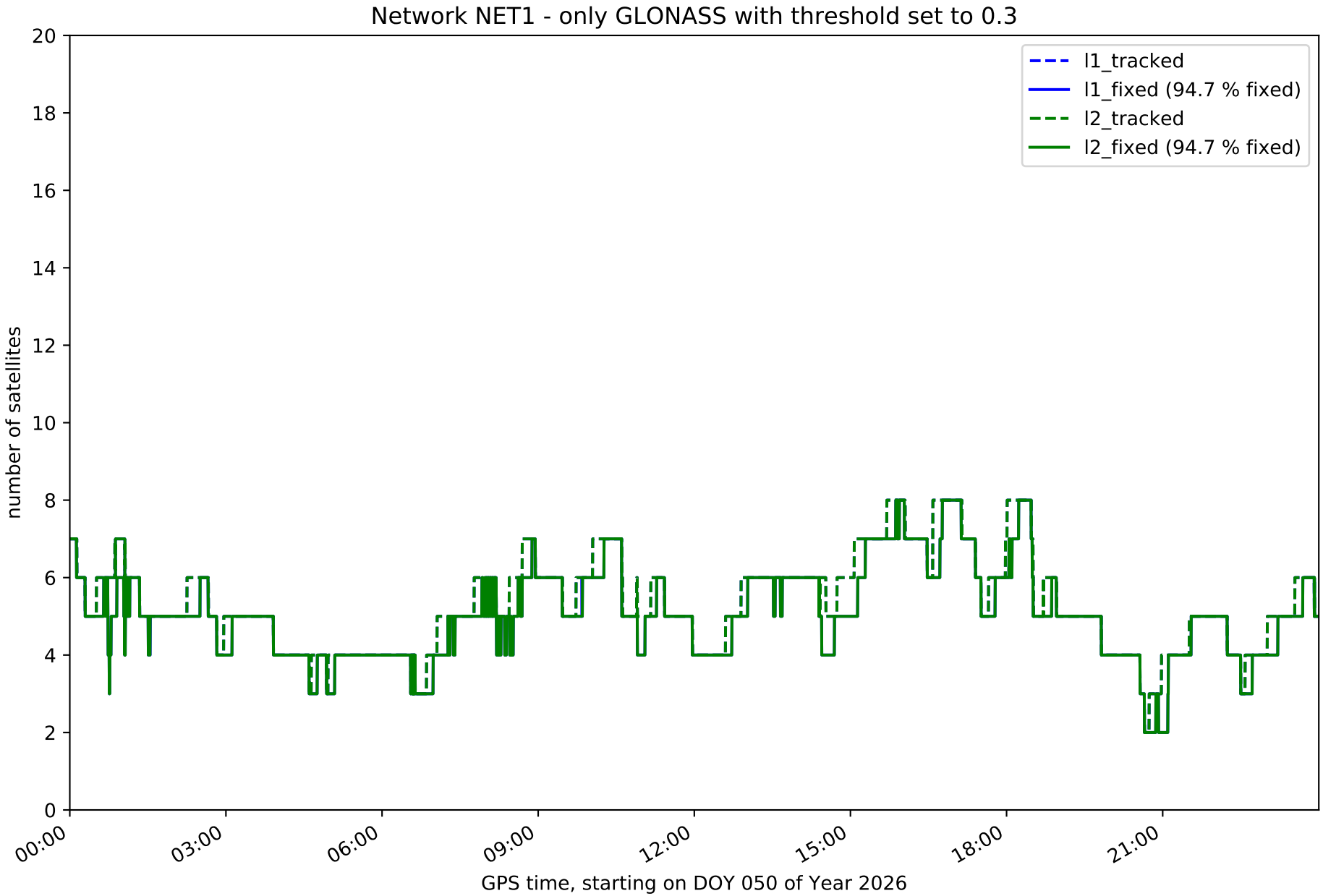

Processing rate in network NET1
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

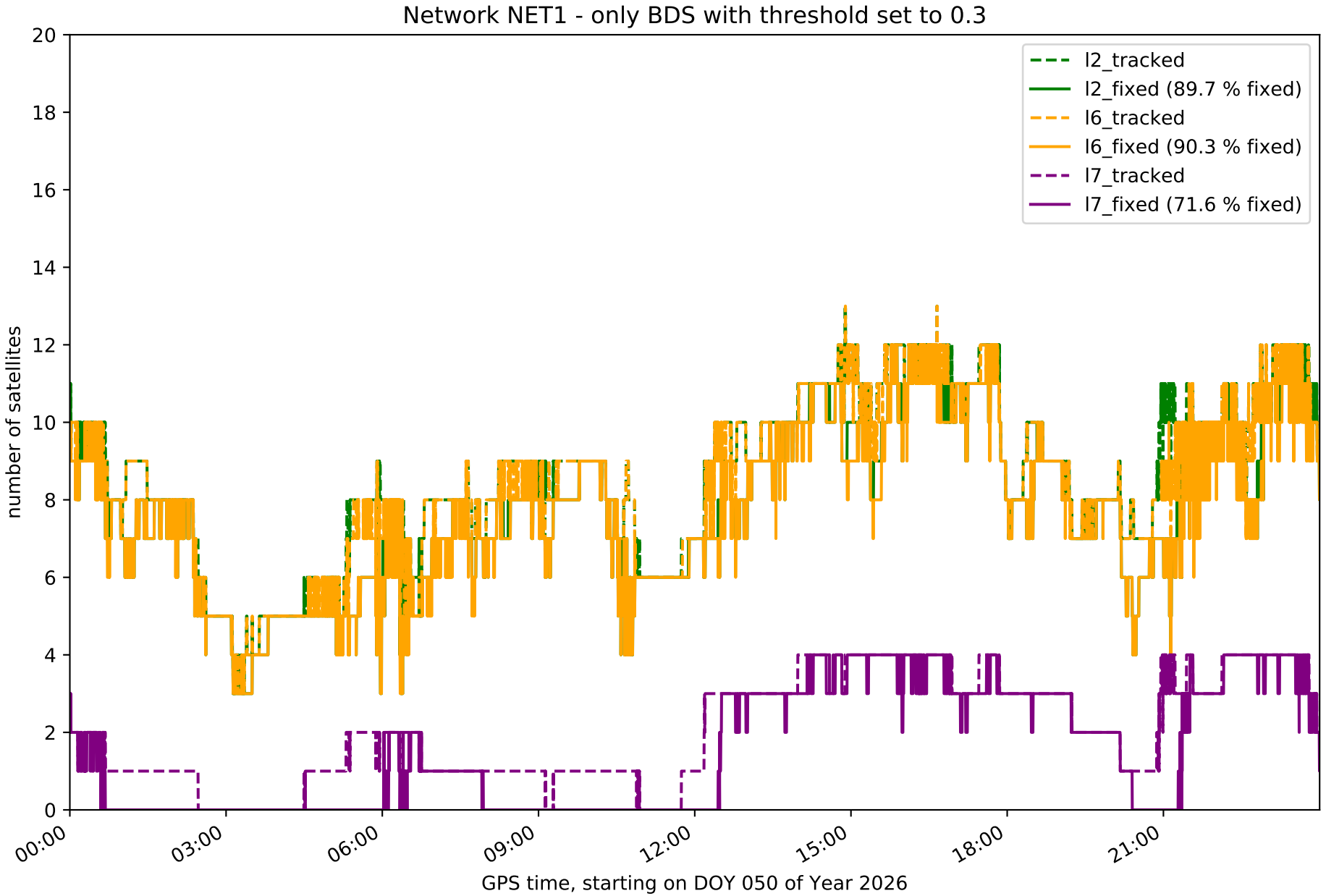

Histogram of the processing rate in network NET1 (durations larger 15 seconds neglected)
number of epochs
0
10000
20000
30000
40000
50000
1
2
3
4
time difference to next processed epoch [s]

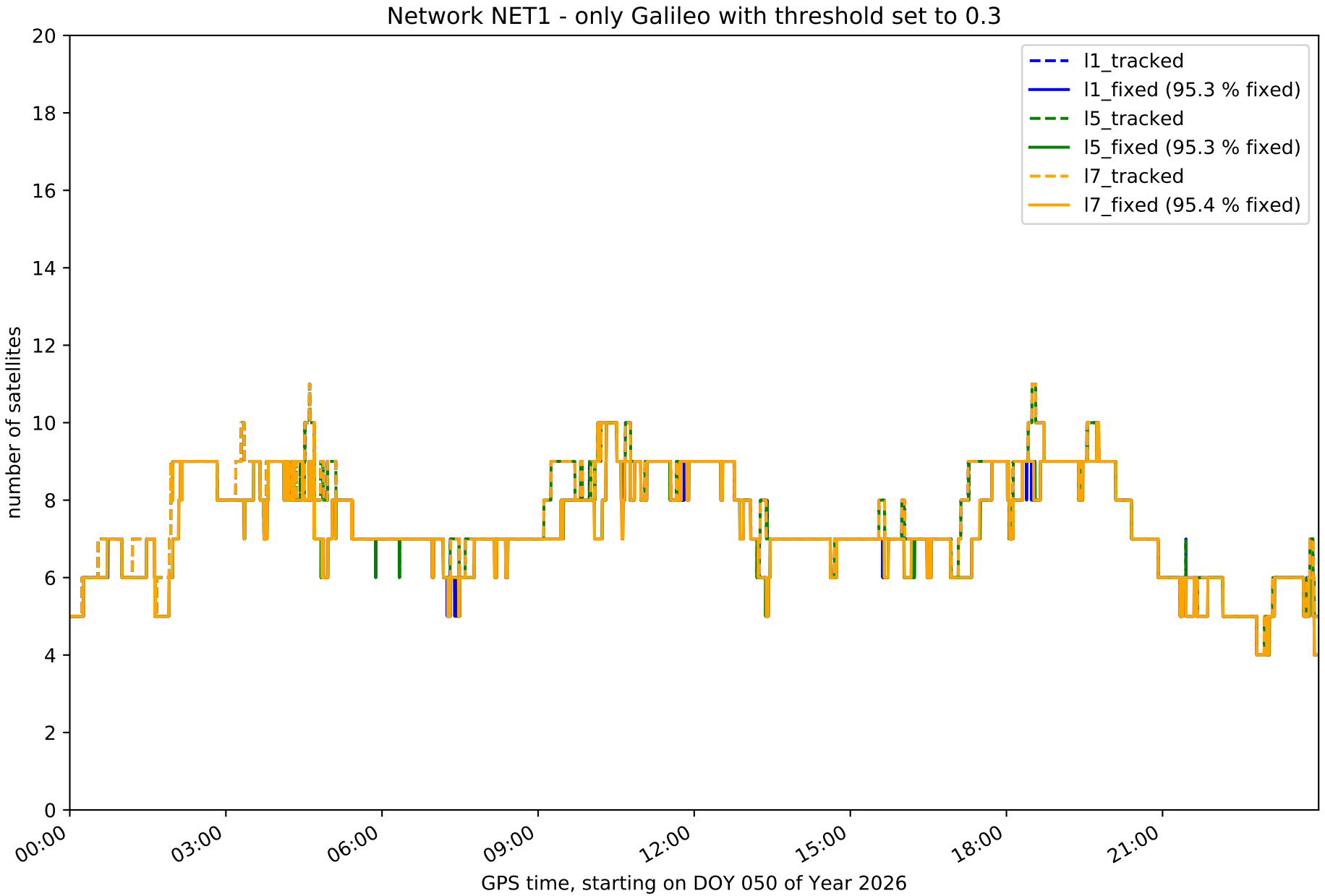

Network NET1 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

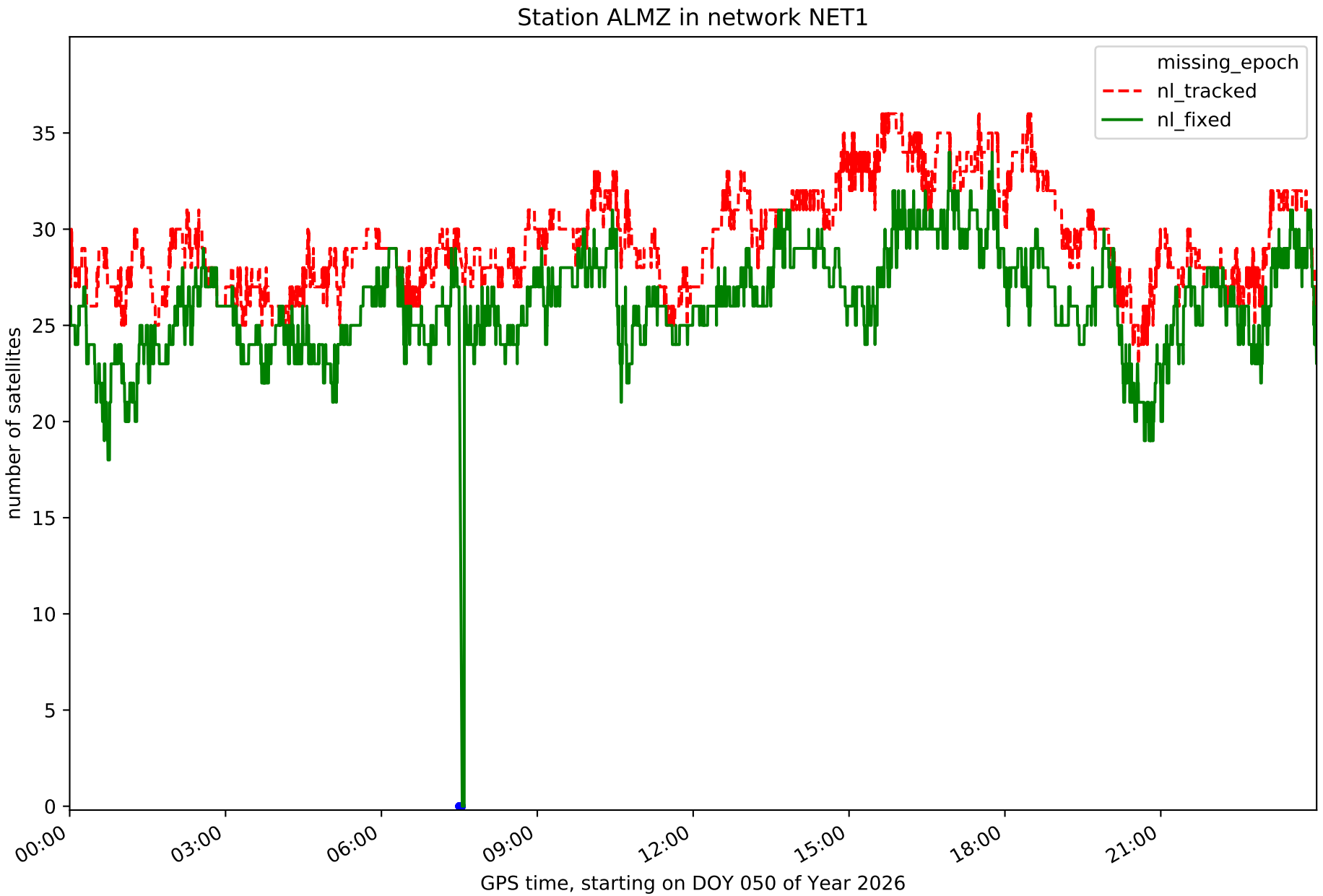

Fixing percentage of satellites in network NET1 with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

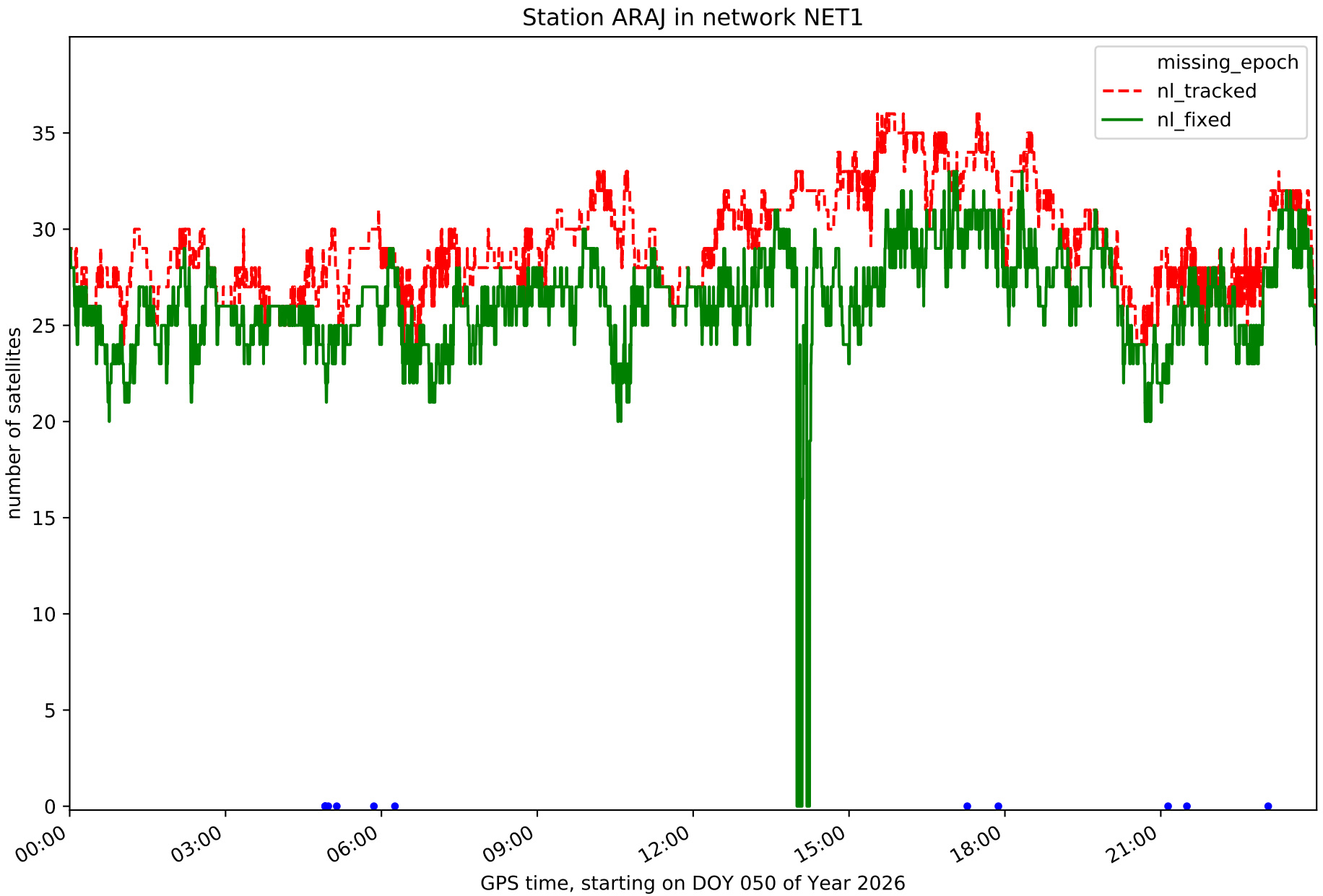

Network NET1 - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 050 of Year 2026
l1_tracked
l1_fixed (93.9 % fixed)
l2_tracked
l2_fixed (93.8 % fixed)
l5_tracked
l5_fixed (93.7 % fixed)
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00

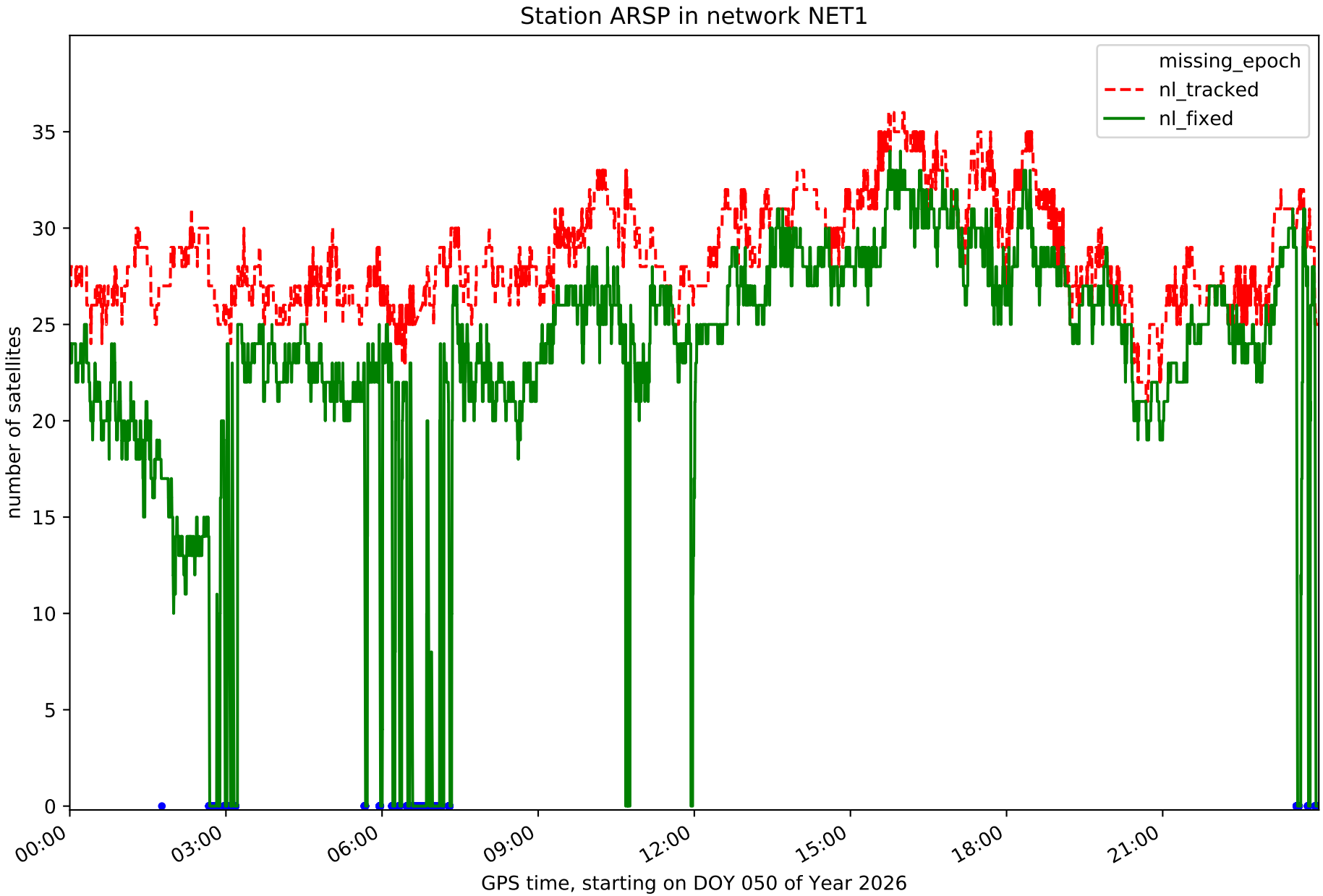

Network NET1 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (94.7 % fixed)
l2_tracked
l2_fixed (94.7 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

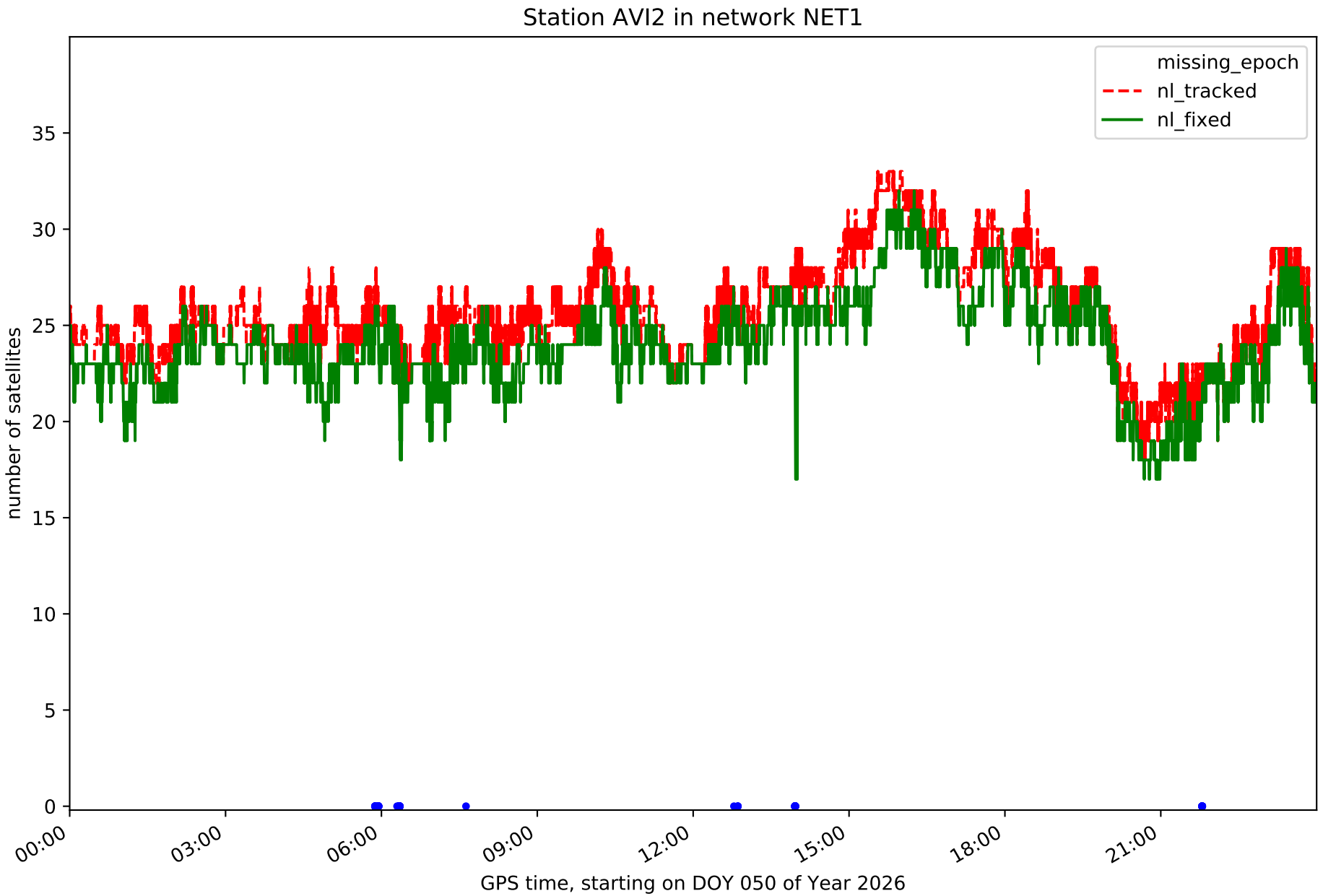

Network NET1 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 050 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (89.7 % fixed)
I6_tracked
I6_fixed (90.3 % fixed)
I7_tracked
I7_fixed (71.6 % fixed)

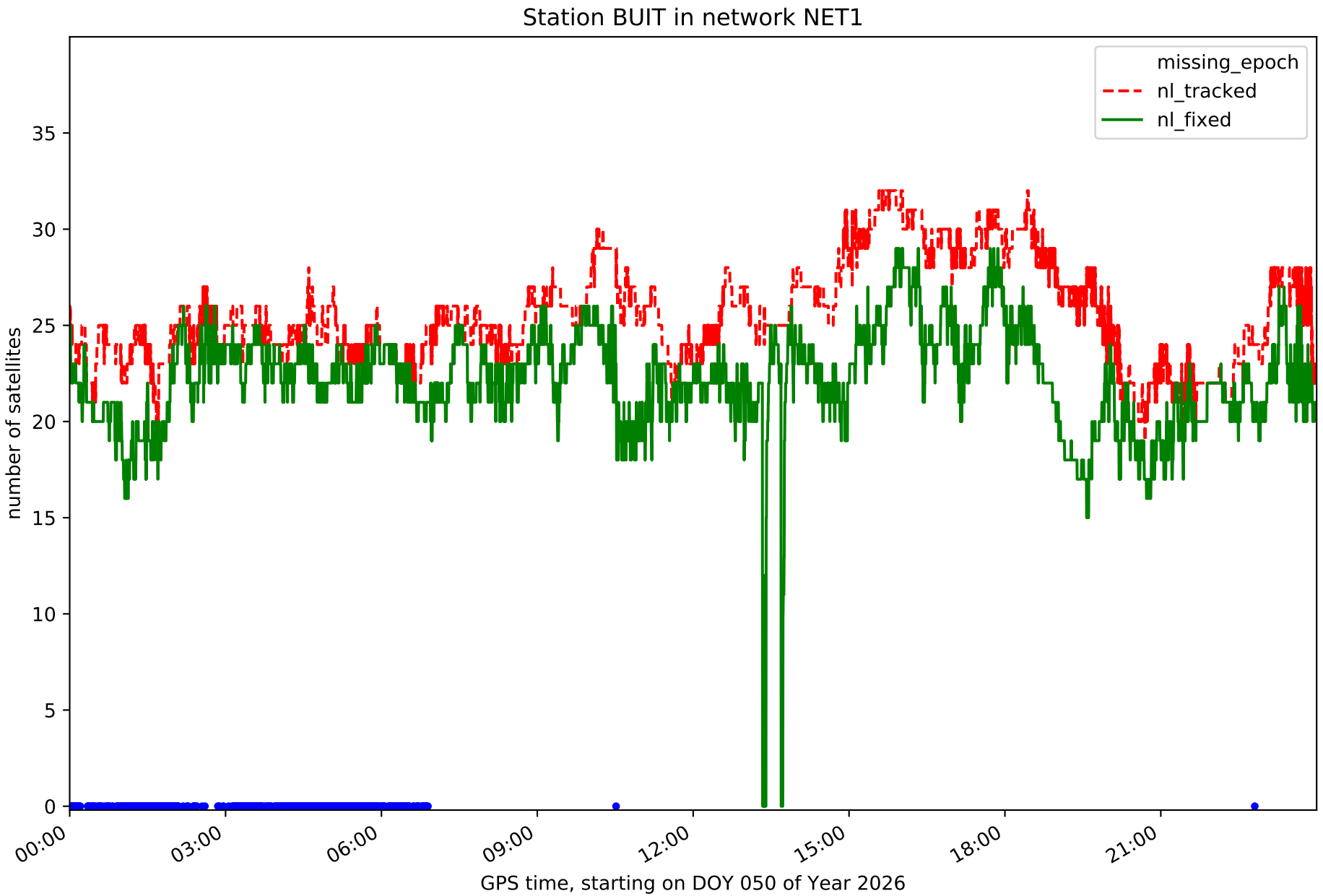

Network NET1 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 050 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (95.3 % fixed)
l5_tracked
l5_fixed (95.3 % fixed)
l7_tracked
l7_fixed (95.4 % fixed)

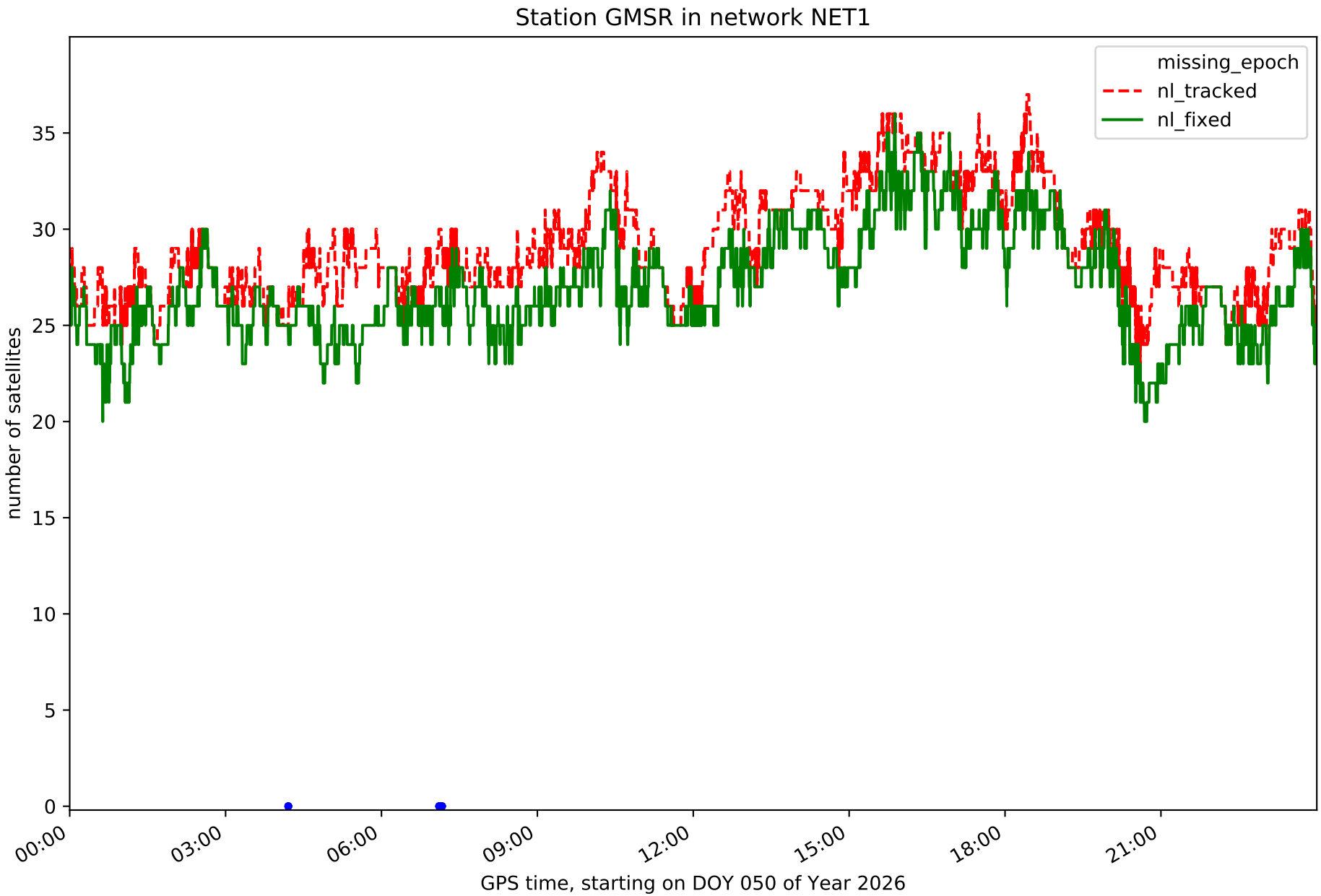

Station ALMZ in network NET1
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

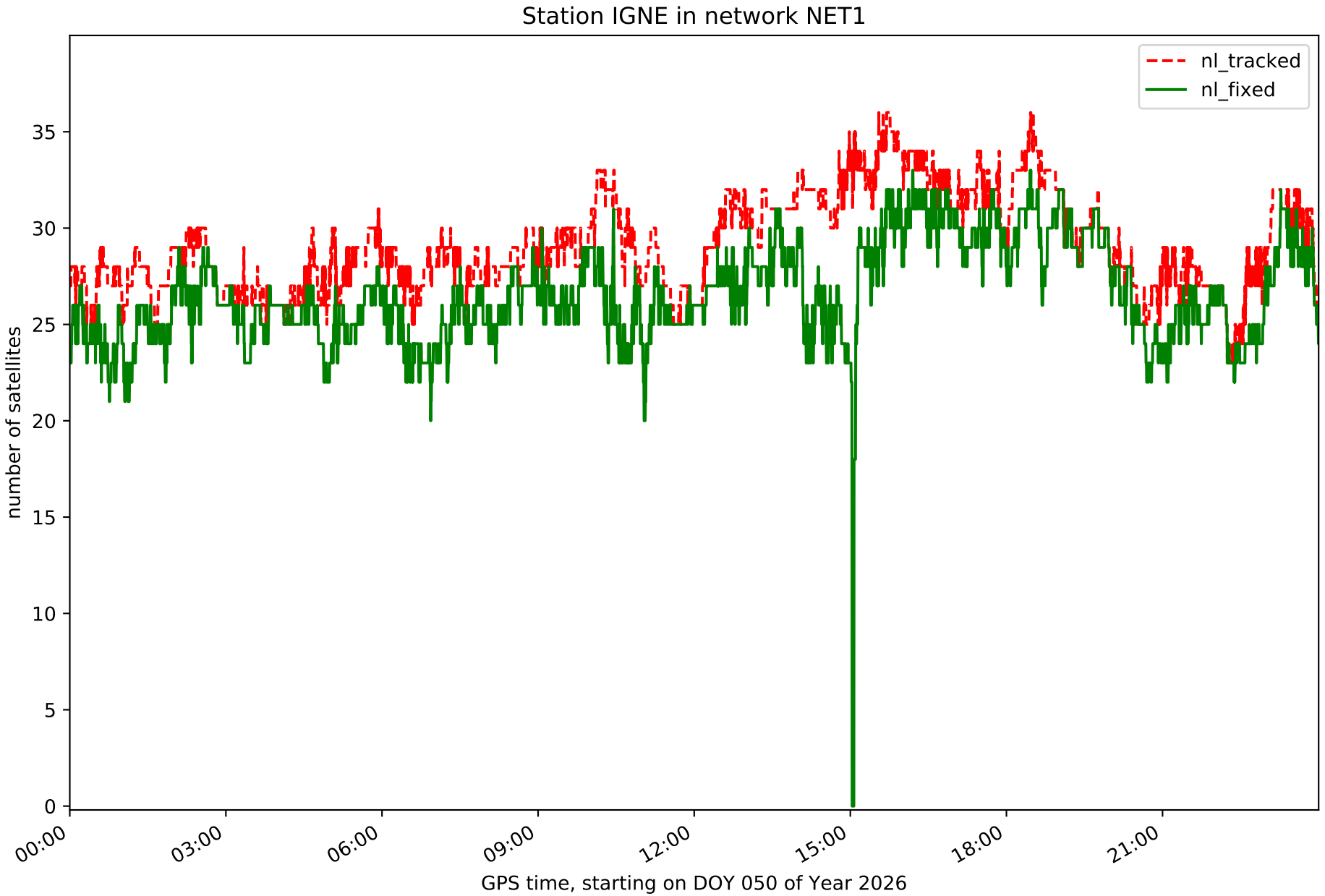

Station ARAJ in network NET1
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

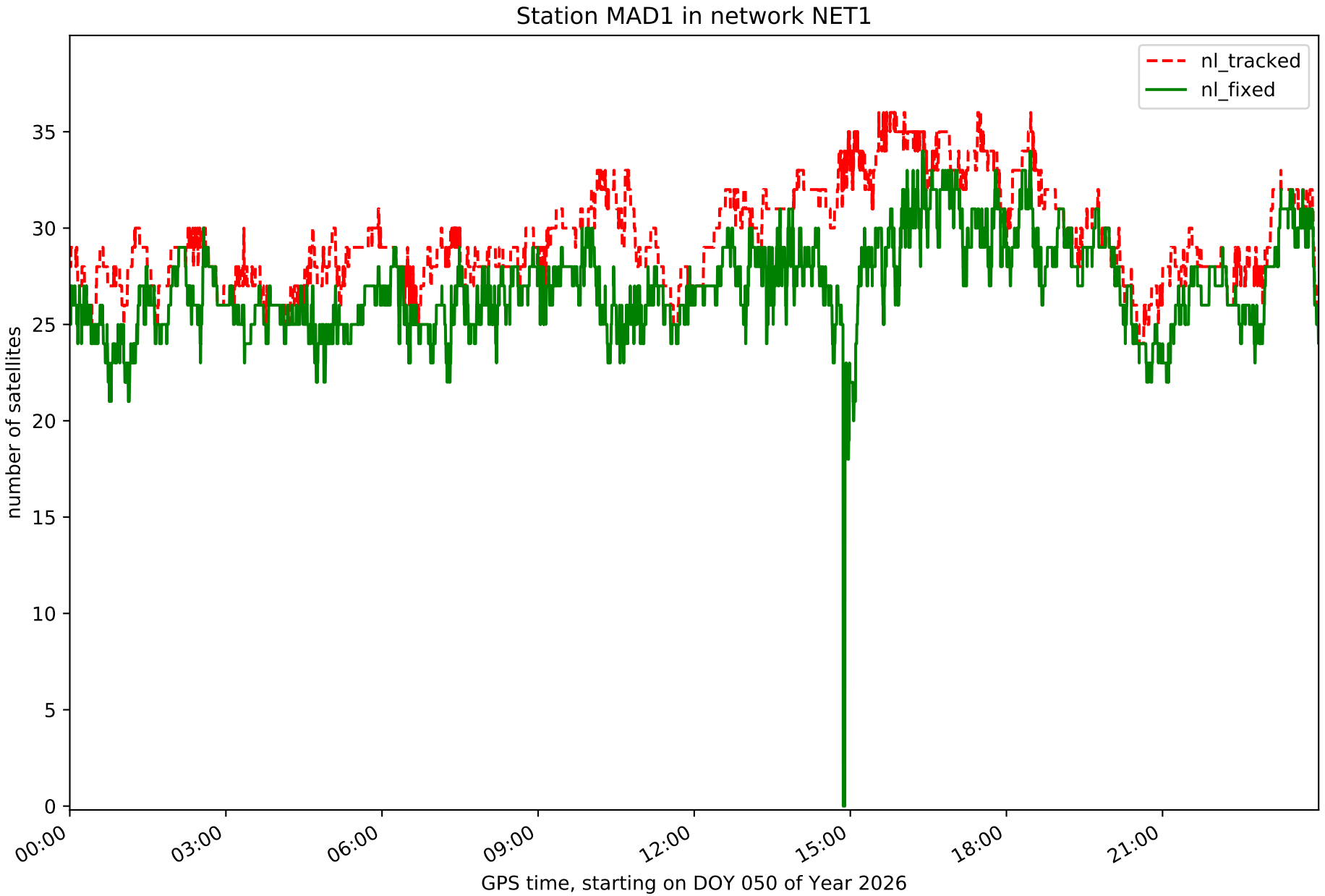

Station ARSP in network NET1
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

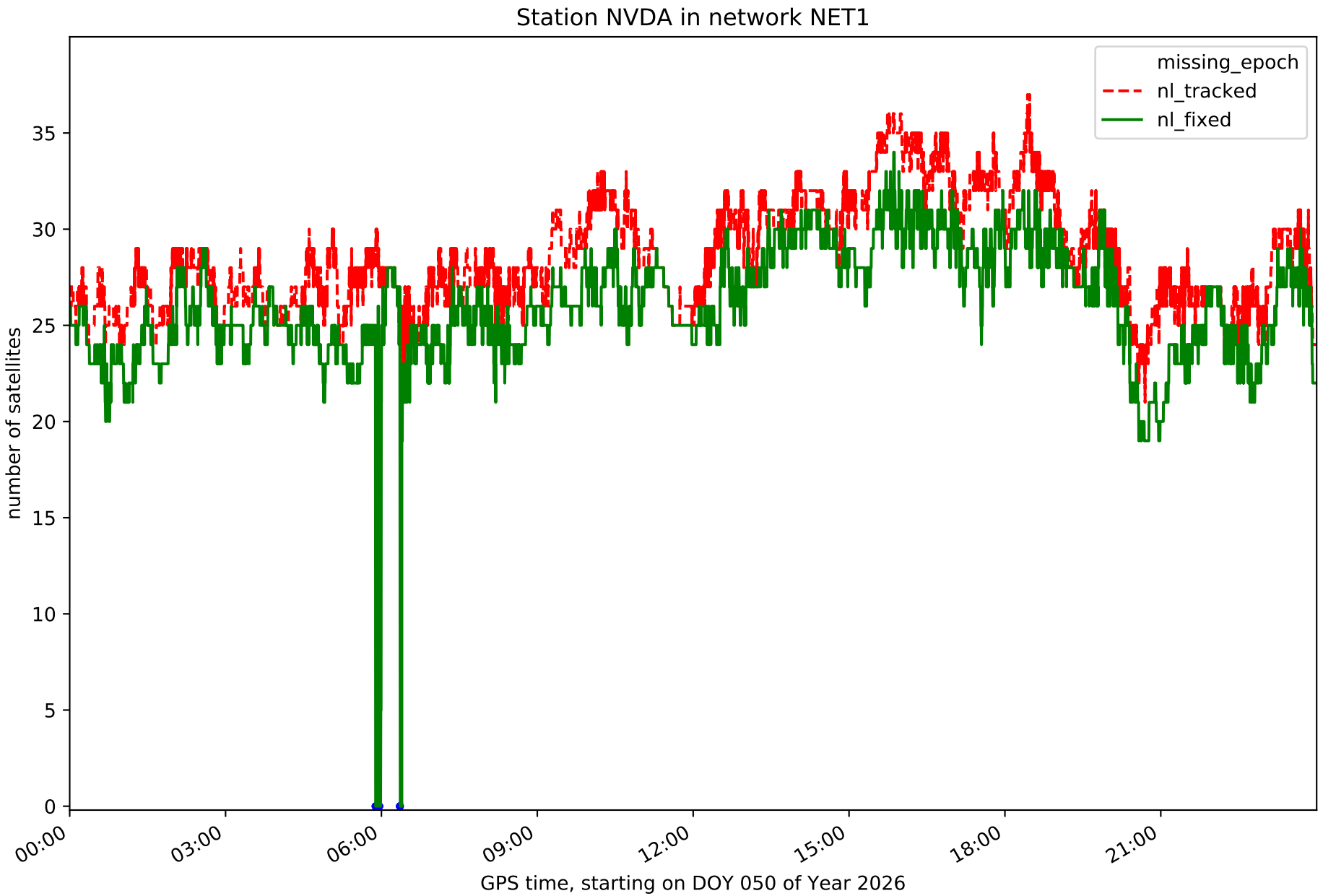

Station AVI2 in network NET1
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

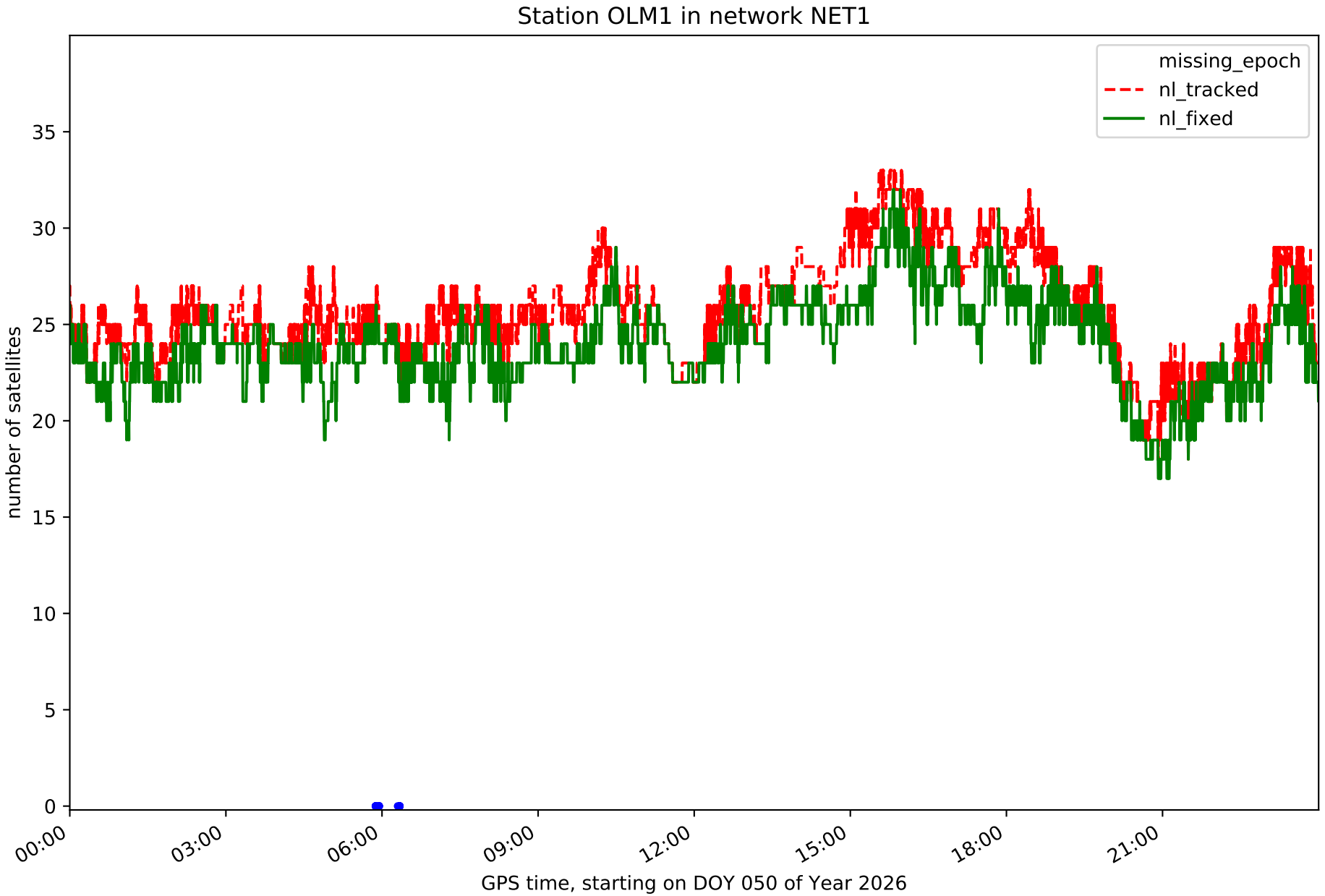

Station BUIT in network NET1
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

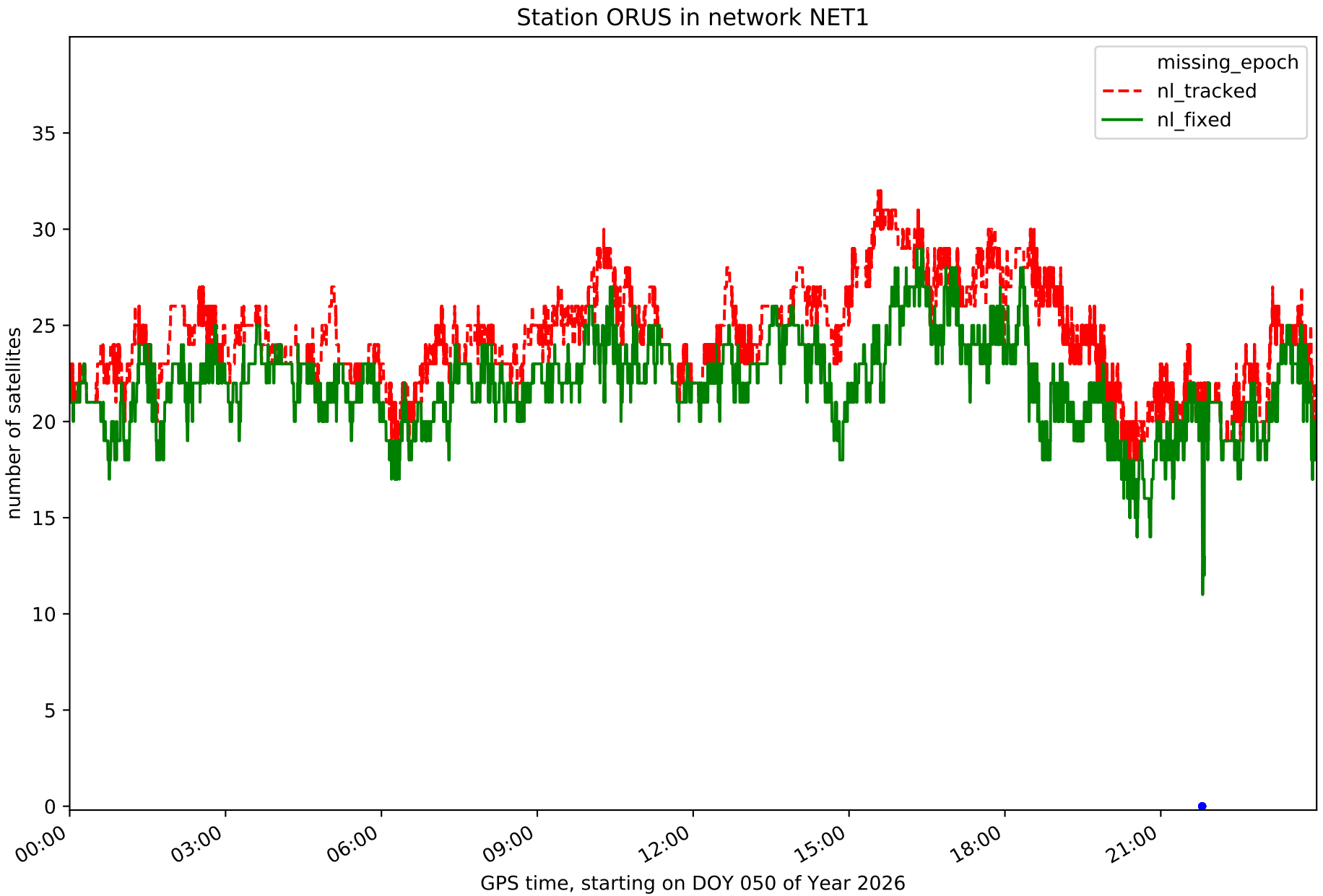

Station GMSR in network NET1
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

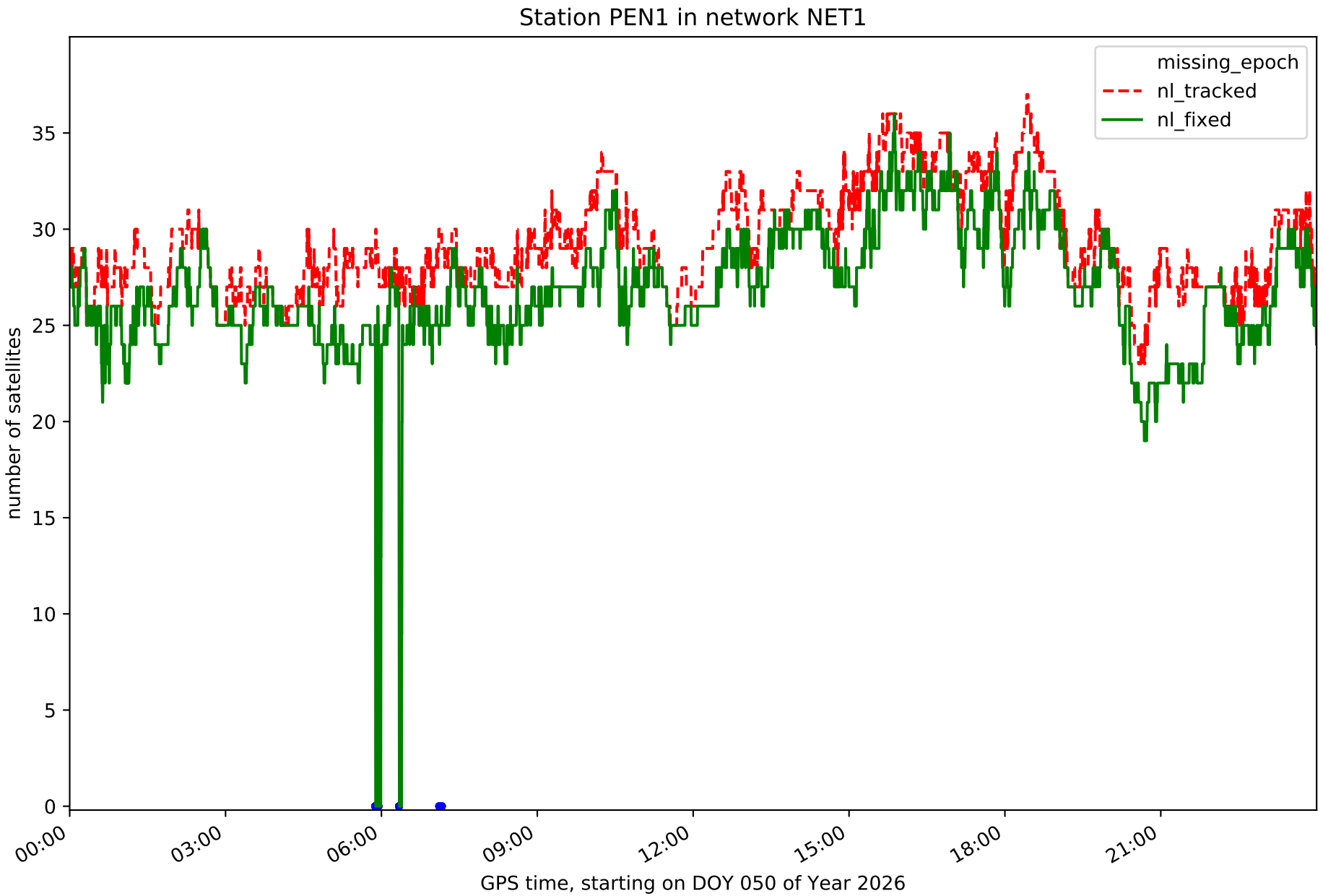

Station IGNE in network NET1
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

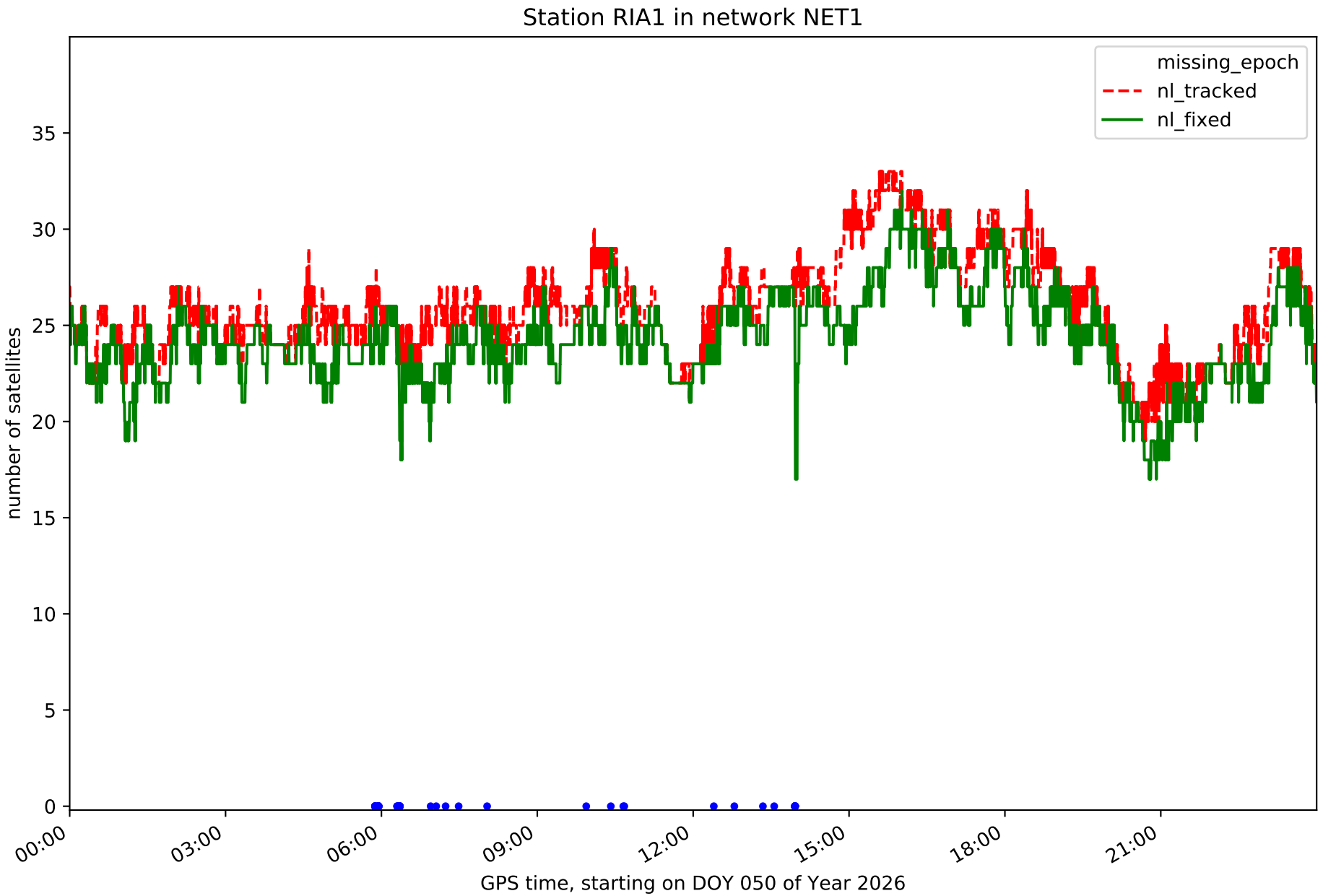

Station MAD1 in network NET1
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

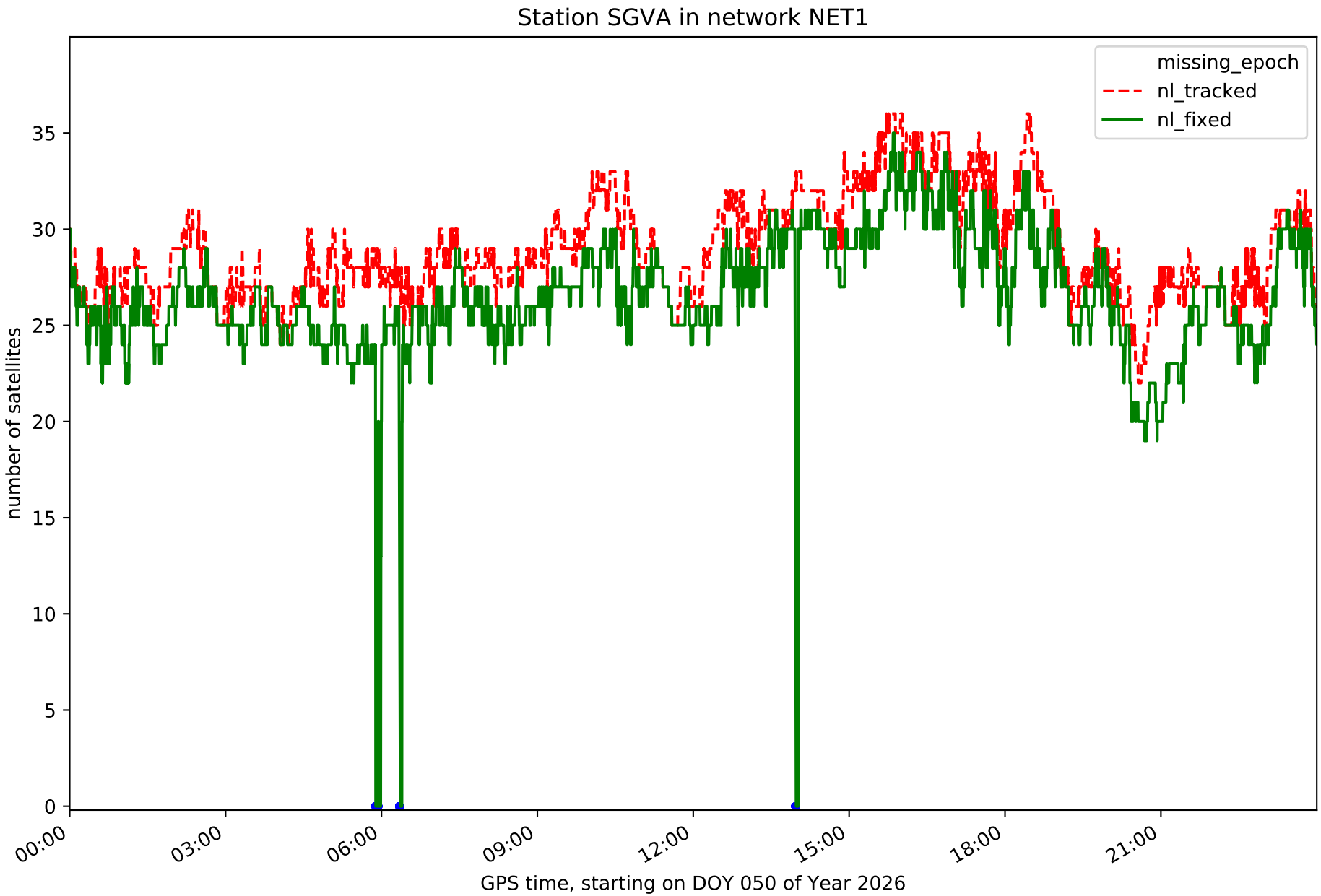

Station NVDA in network NET1
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

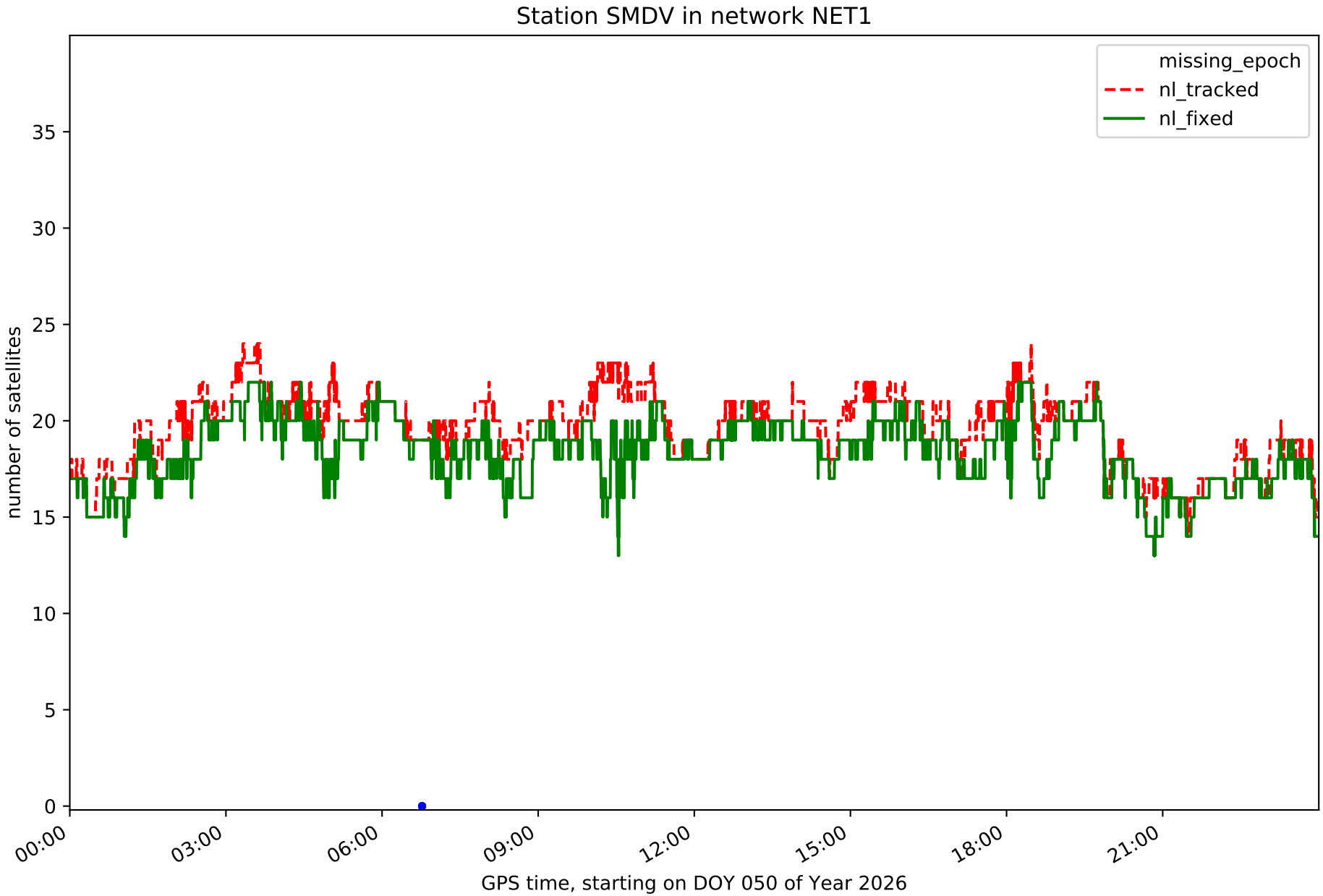

Station OLM1 in network NET1
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

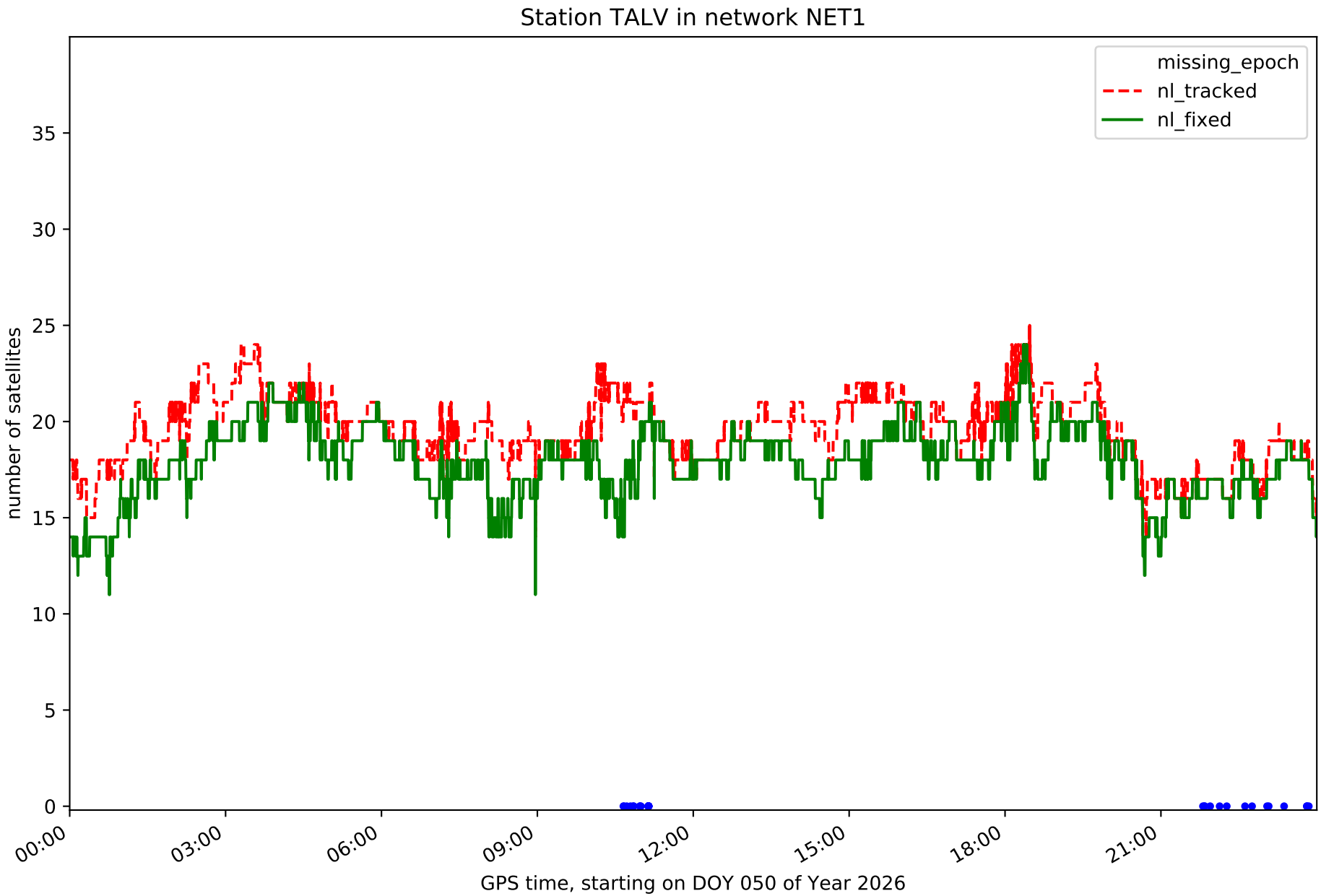

Station ORUS in network NET1
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

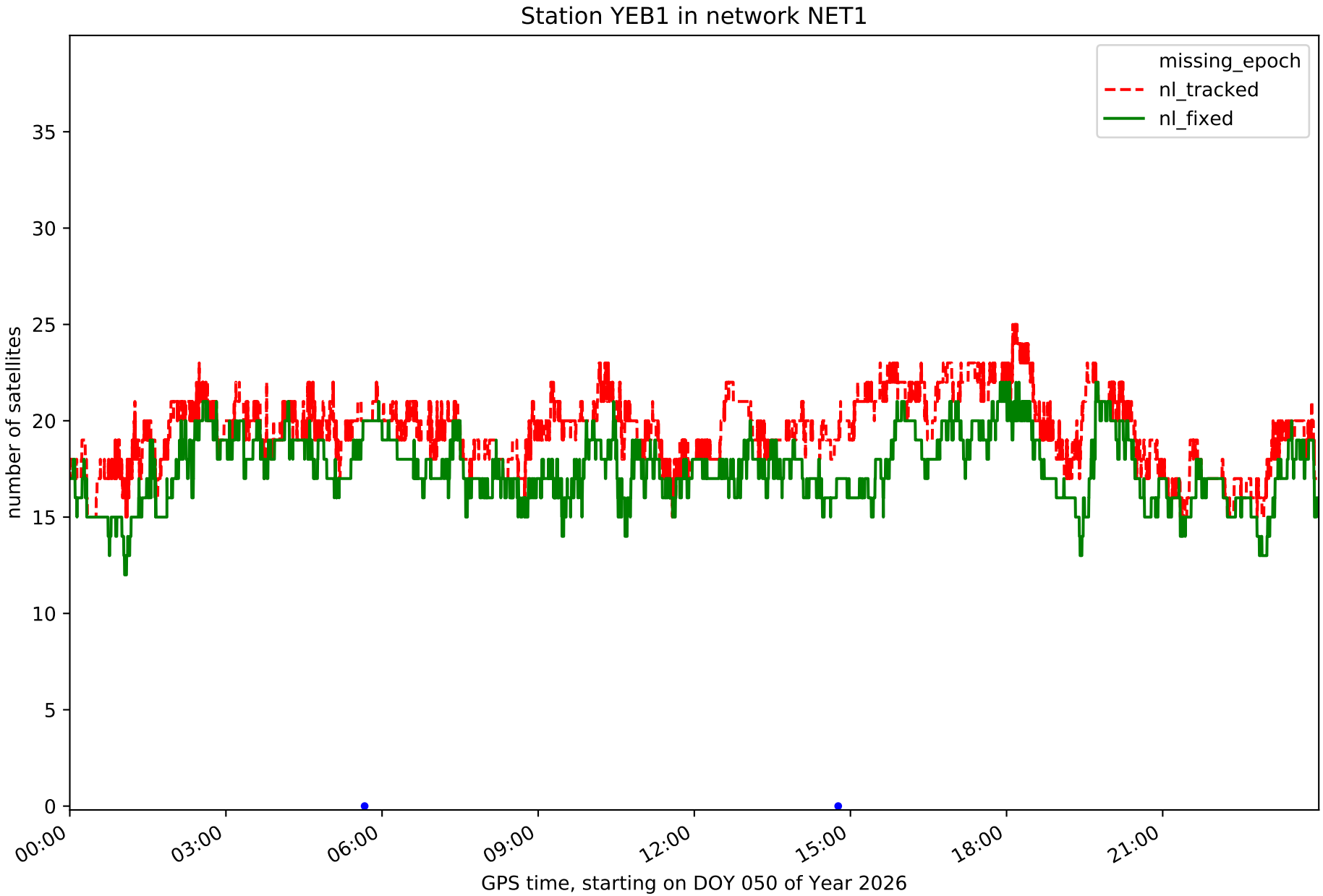

Station PEN1 in network NET1
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

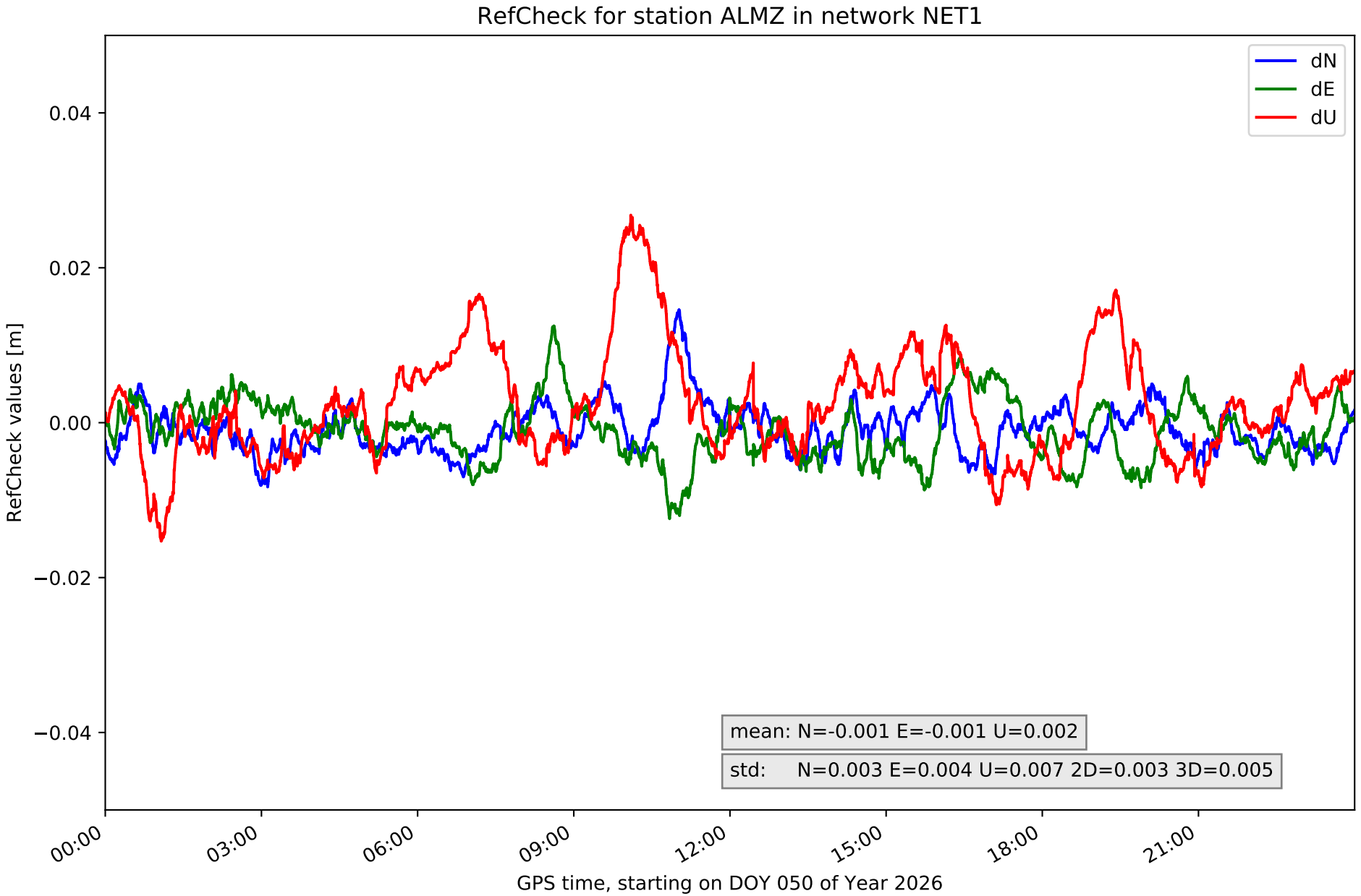

Station RIA1 in network NET1
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

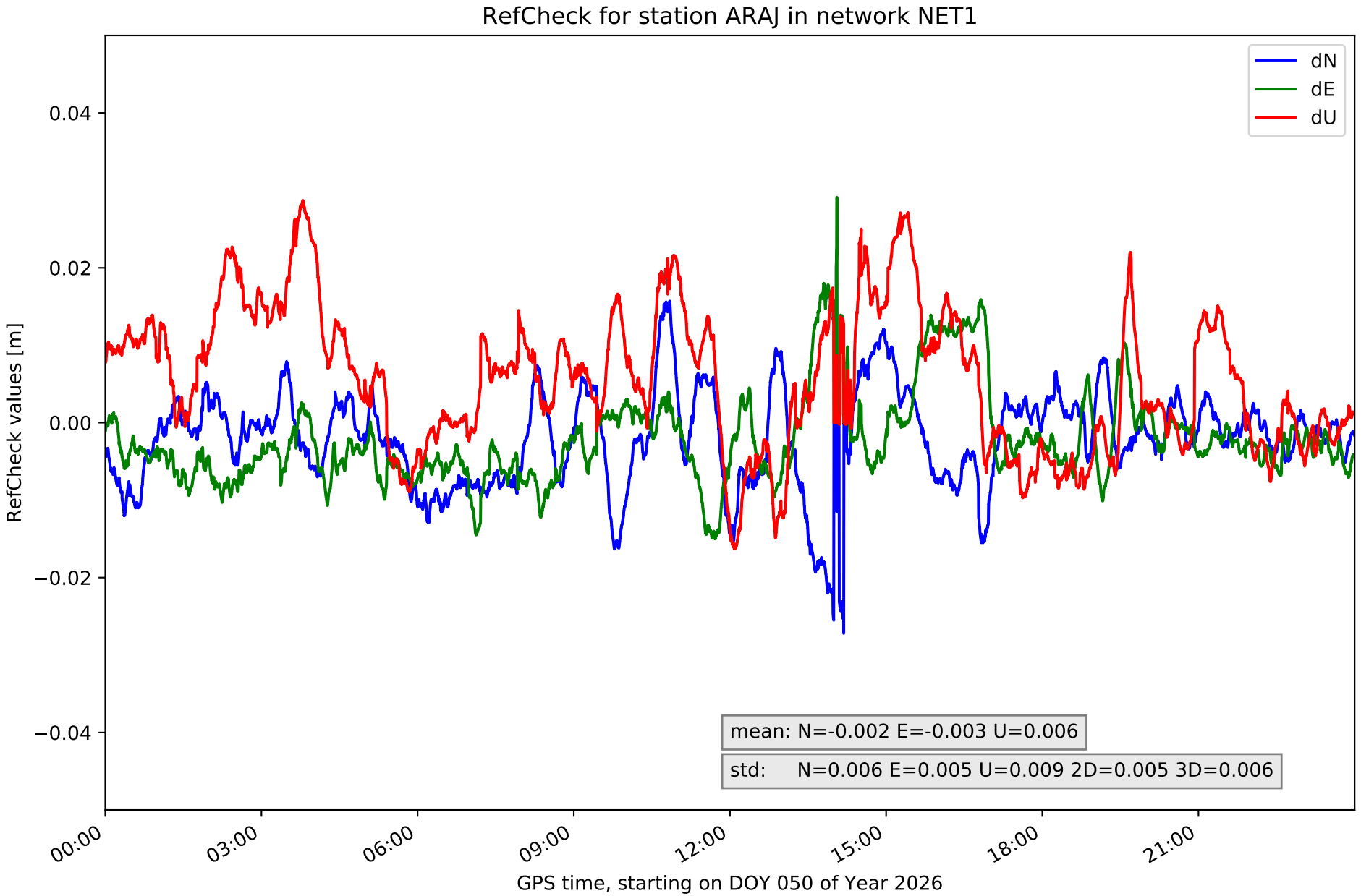

Station SGVA in network NET1
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

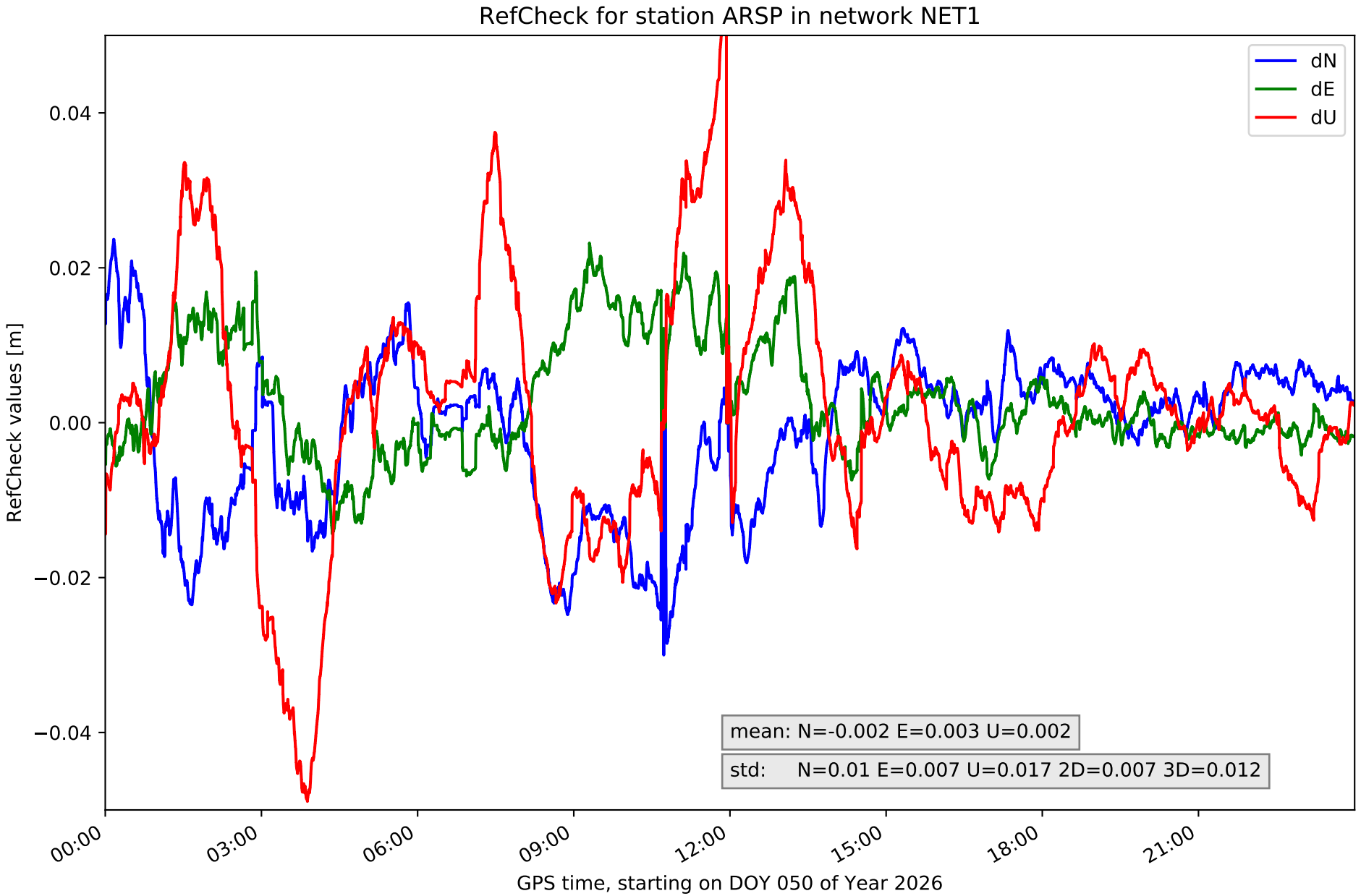

Station SMDV in network NET1
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

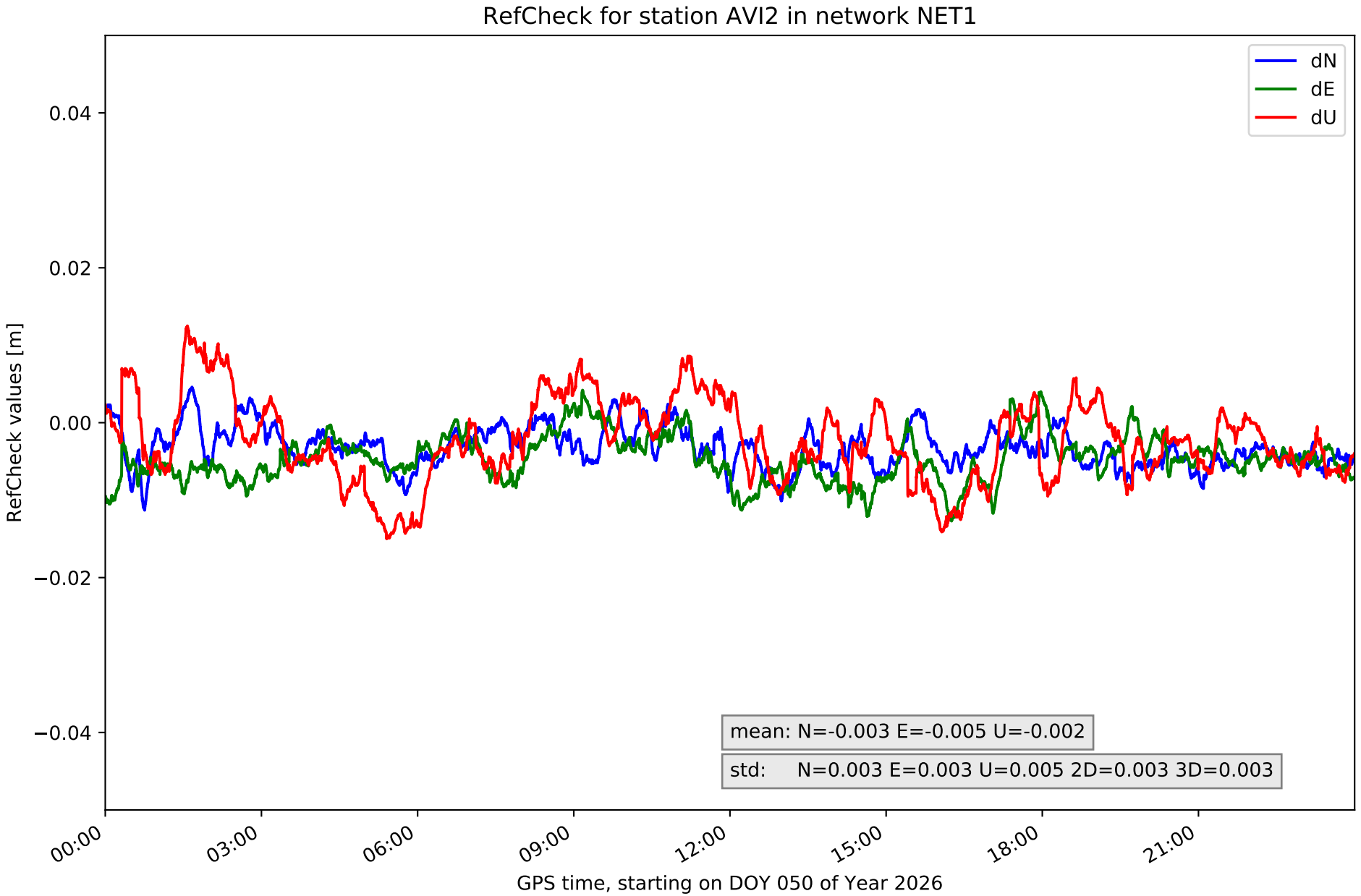

Station TALV in network NET1
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

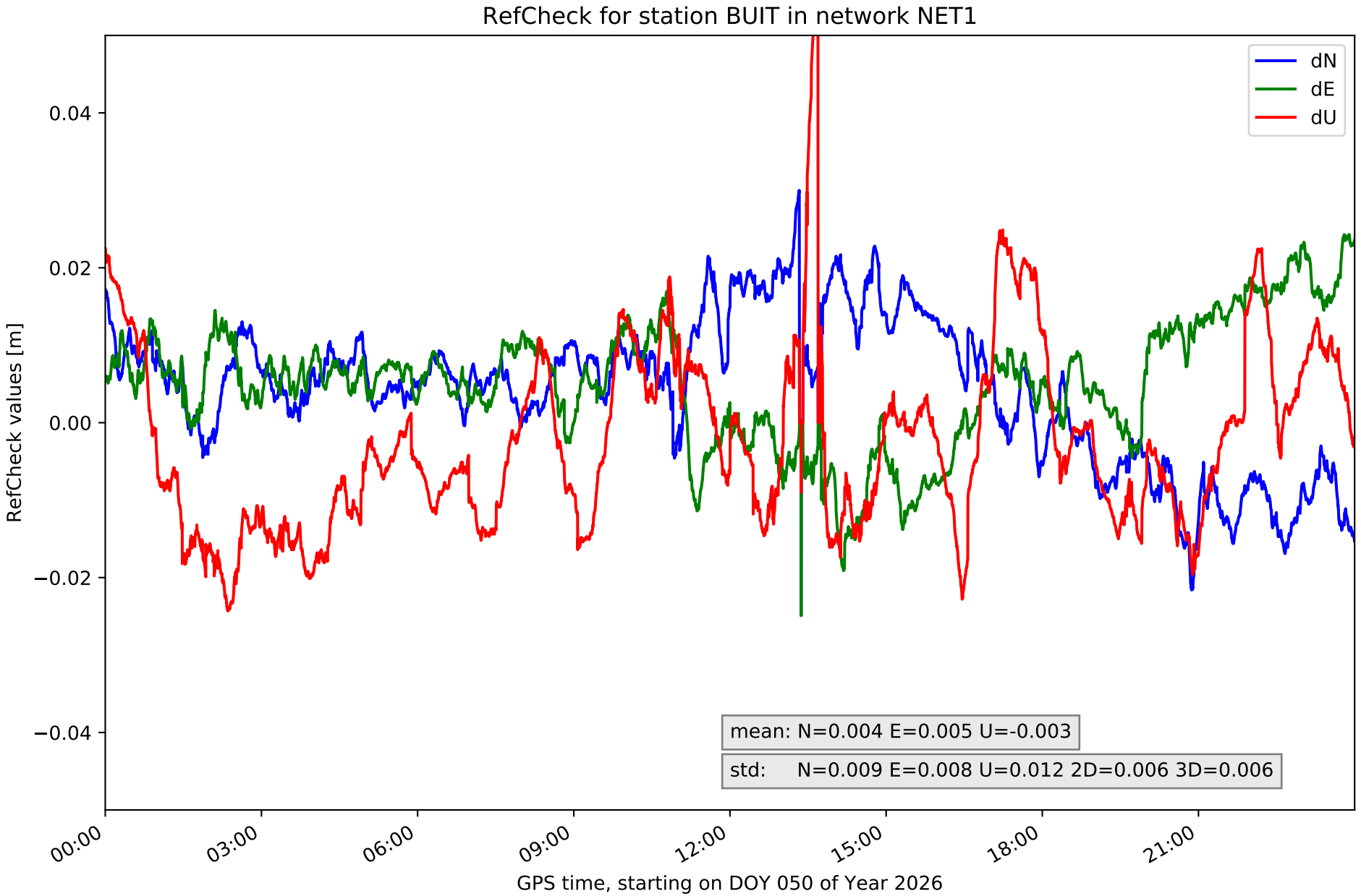

Station YEB1 in network NET1
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

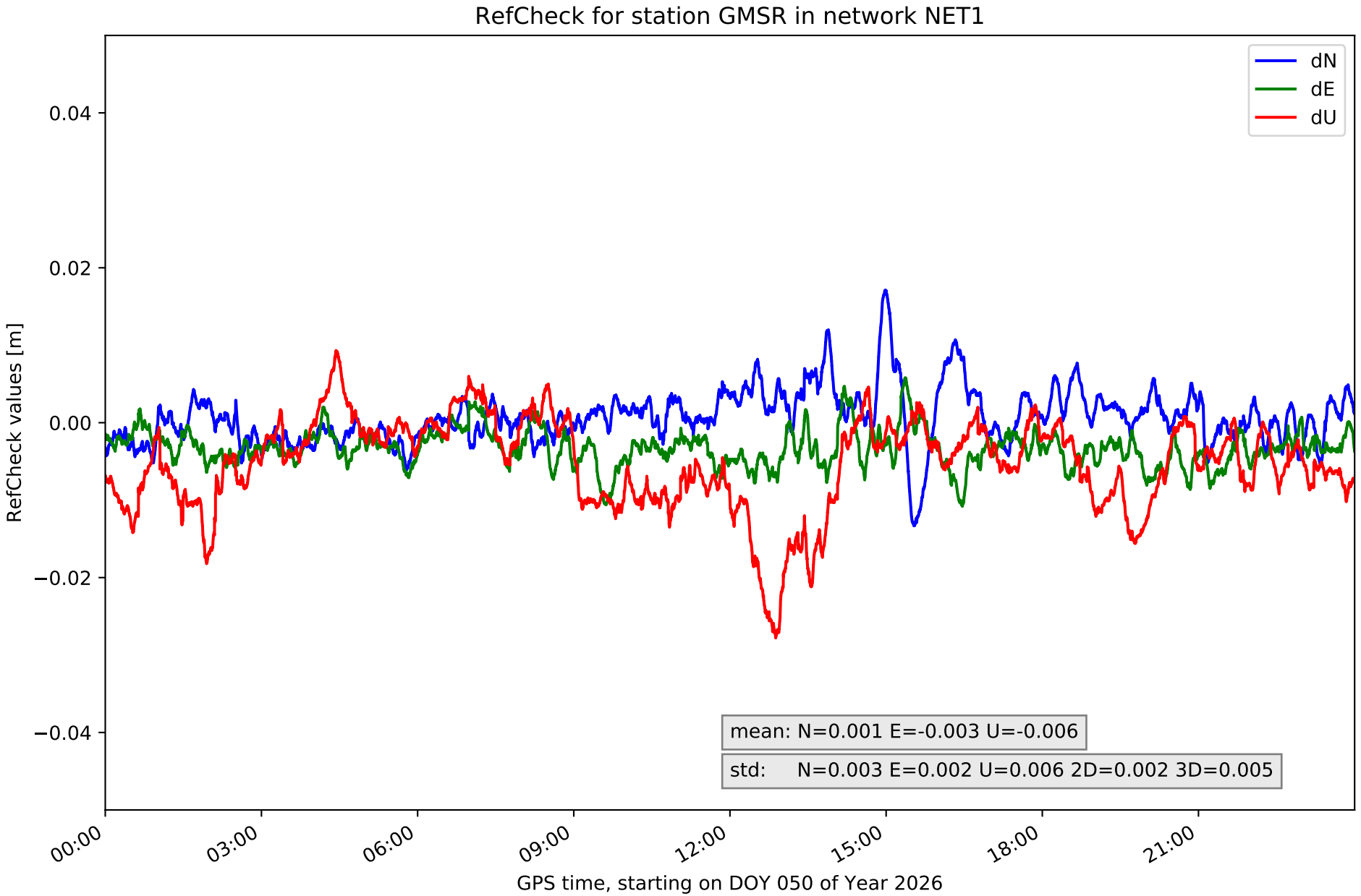

RefCheck for station ALMZ in network NET1
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=-0.001 U=0.002
std: N=0.003 E=0.004 U=0.007 2D=0.003 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

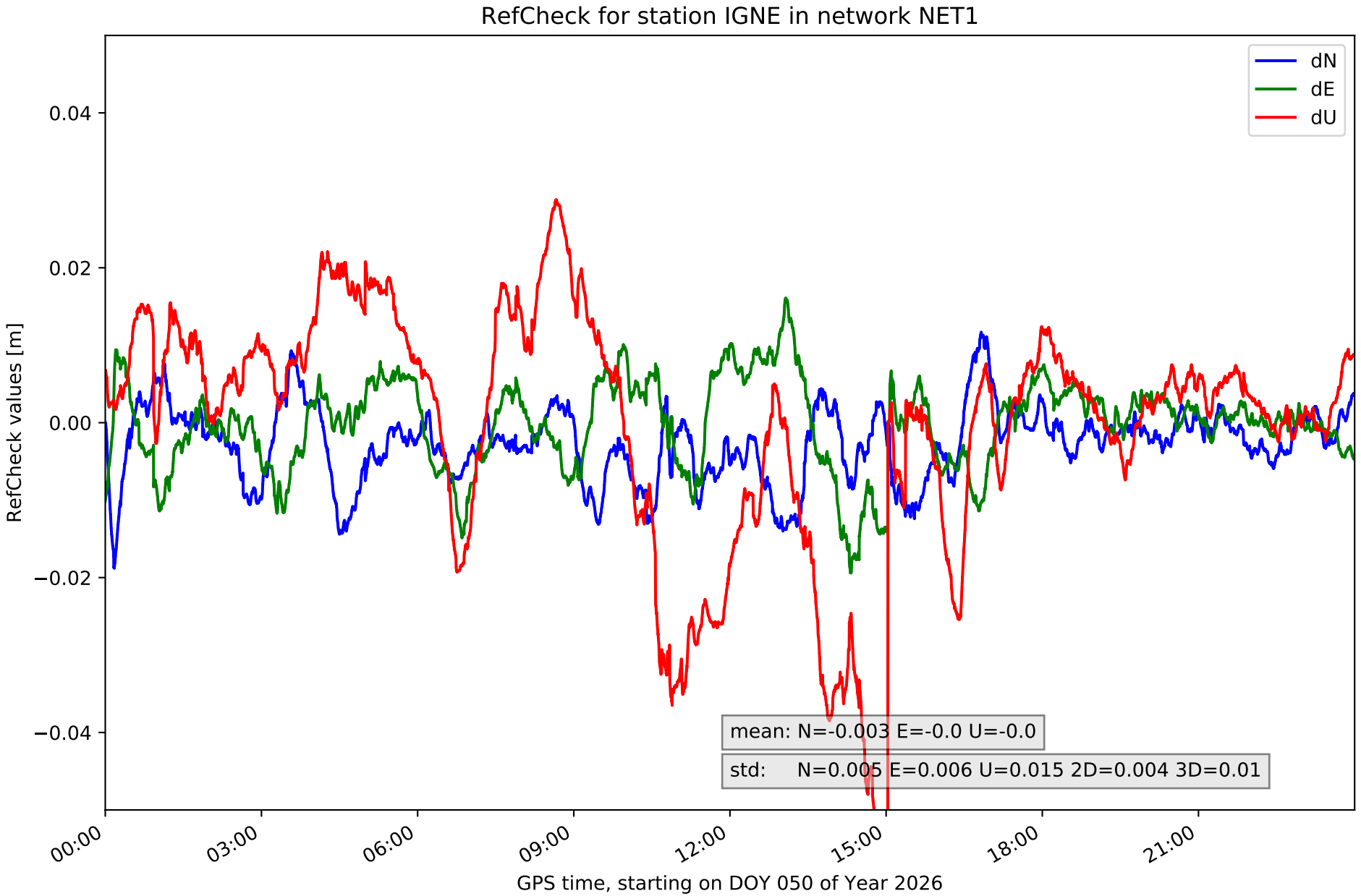

RefCheck for station ARAJ in network NET1
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.003 U=0.006
std: N=0.006 E=0.005 U=0.009 2D=0.005 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

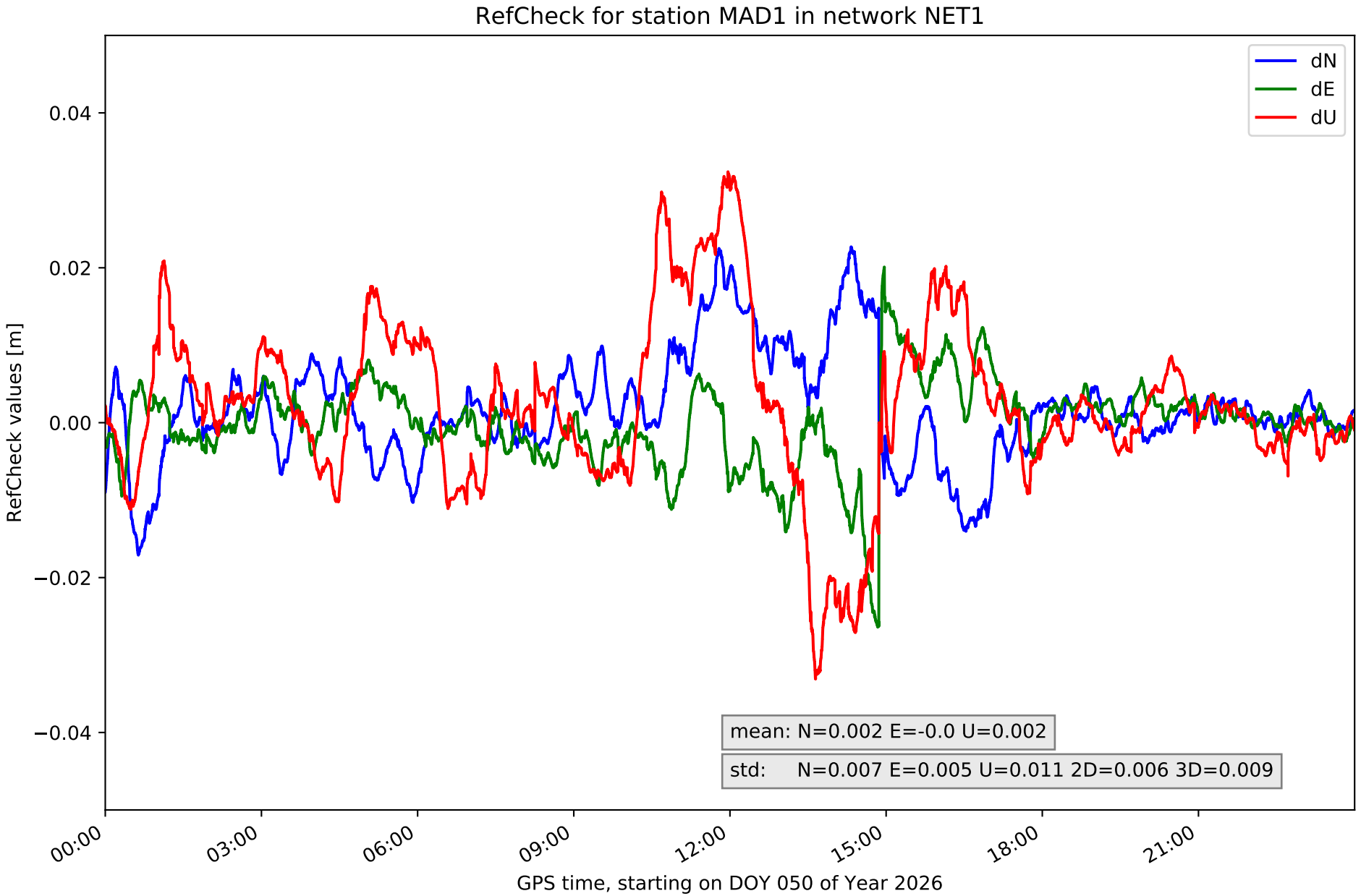

RefCheck for station ARSP in network NET1
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=0.003 U=0.002
std: N=0.01 E=0.007 U=0.017 2D=0.007 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

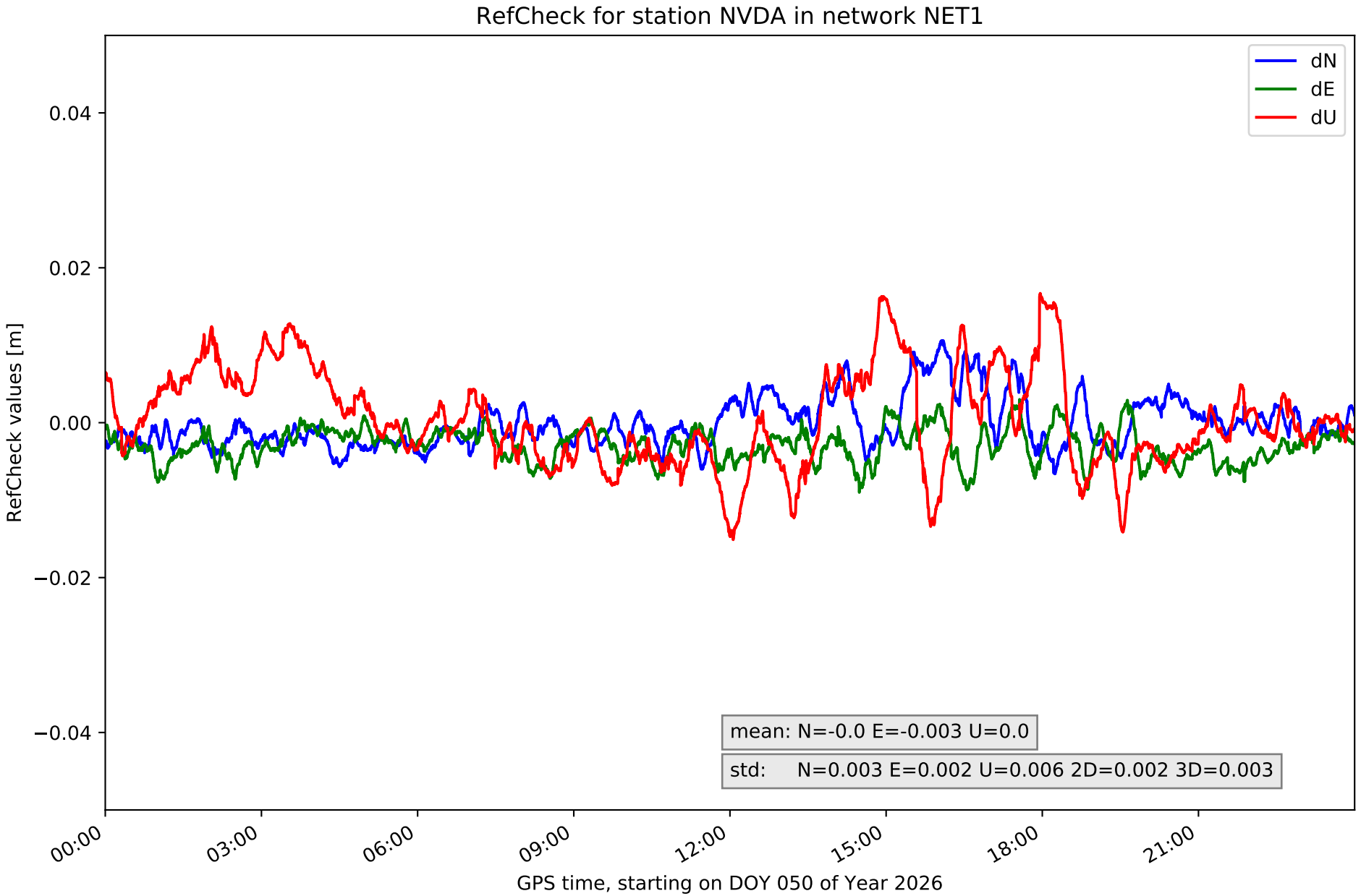

RefCheck for station AVI2 in network NET1
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=-0.005 U=-0.002
std: N=0.003 E=0.003 U=0.005 2D=0.003 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

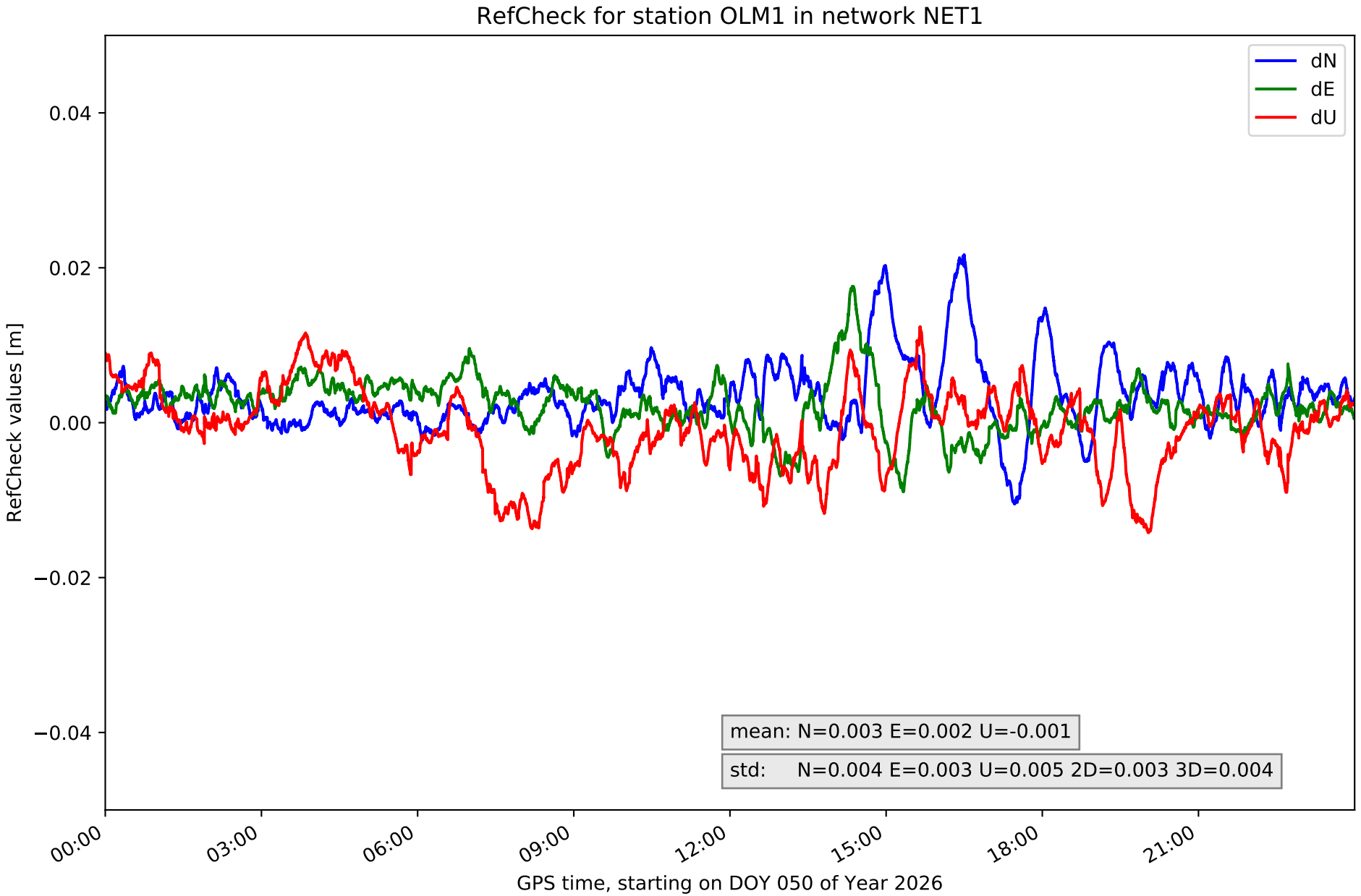

RefCheck for station BUIT in network NET1
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.004 E=0.005 U=-0.003
std: N=0.009 E=0.008 U=0.012 2D=0.006 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

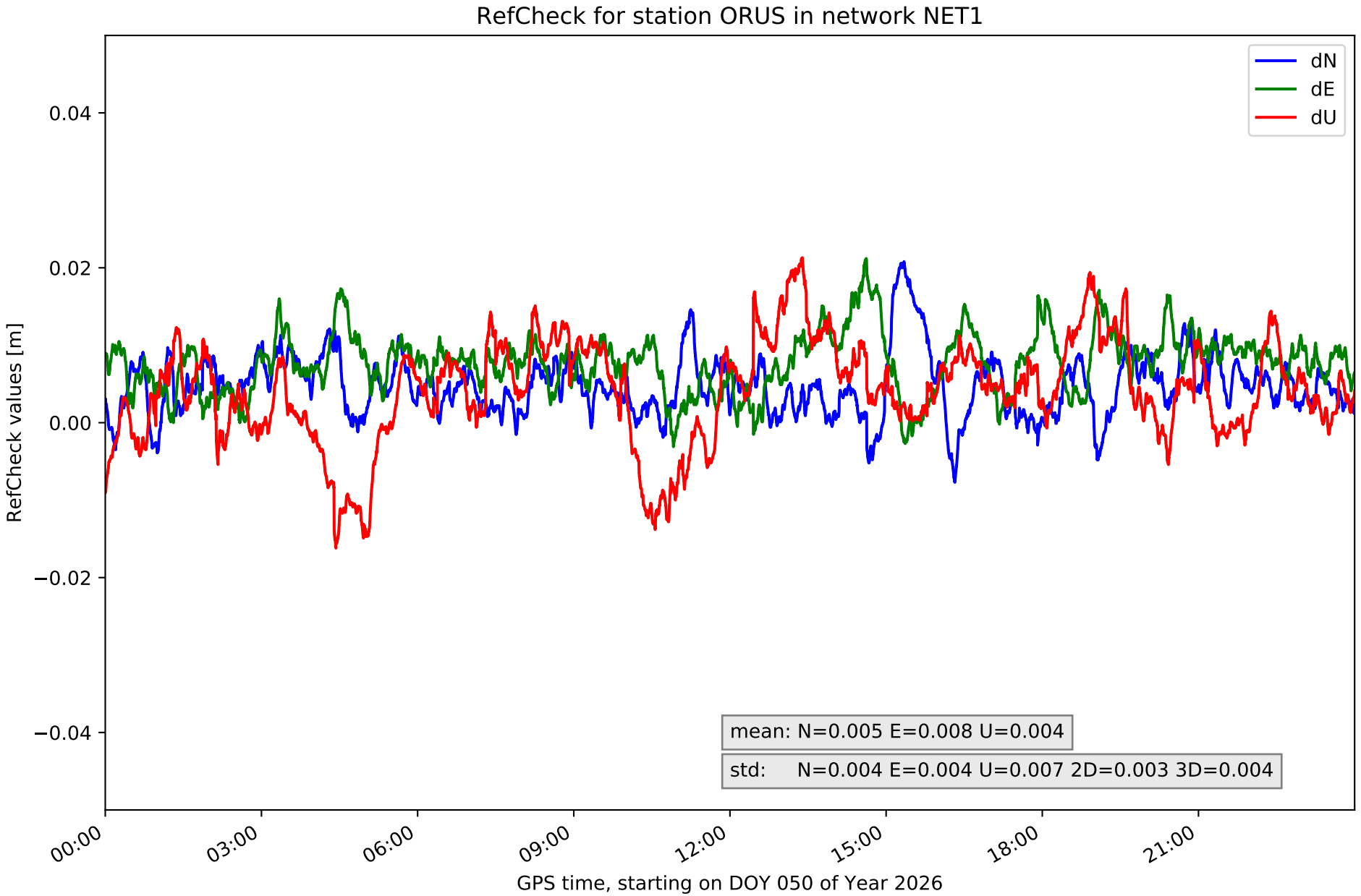

RefCheck for station GMSR in network NET1
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=-0.003 U=-0.006
std: N=0.003 E=0.002 U=0.006 2D=0.002 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

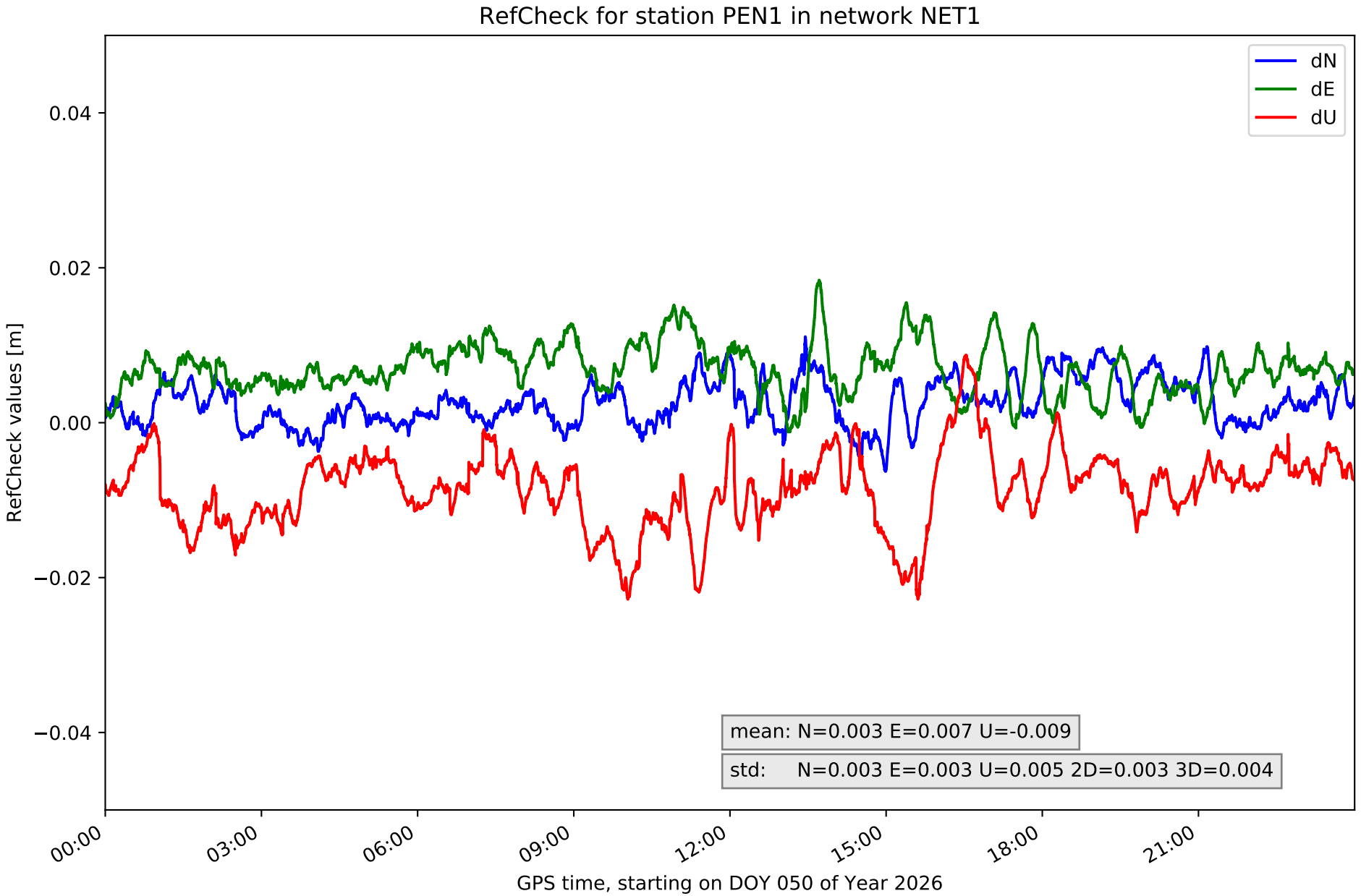

RefCheck for station IGNE in network NET1
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=-0.0 U=-0.0
std: N=0.005 E=0.006 U=0.015 2D=0.004 3D=0.01
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

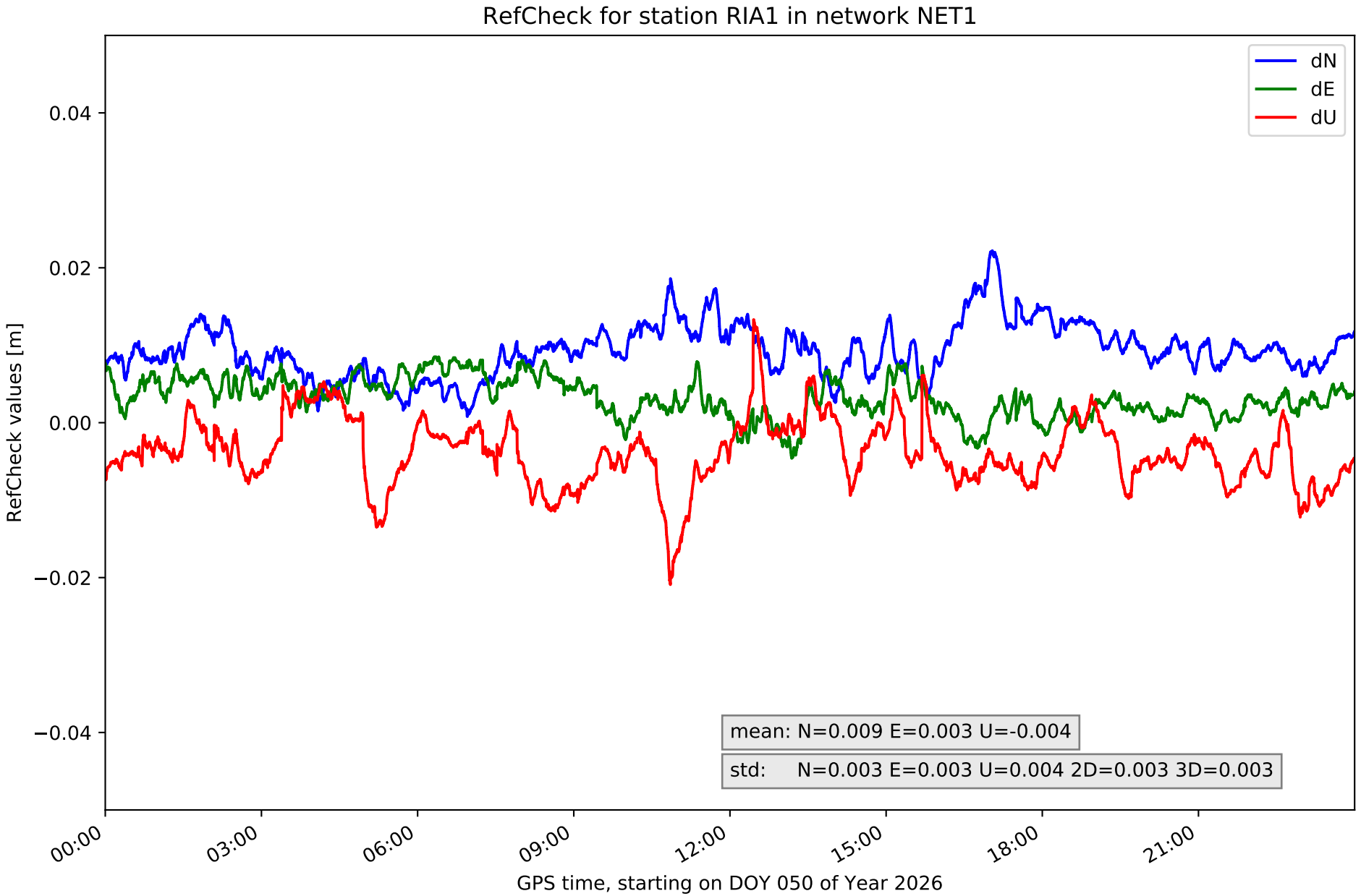

RefCheck for station MAD1 in network NET1
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=-0.0 U=0.002
std: N=0.007 E=0.005 U=0.011 2D=0.006 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

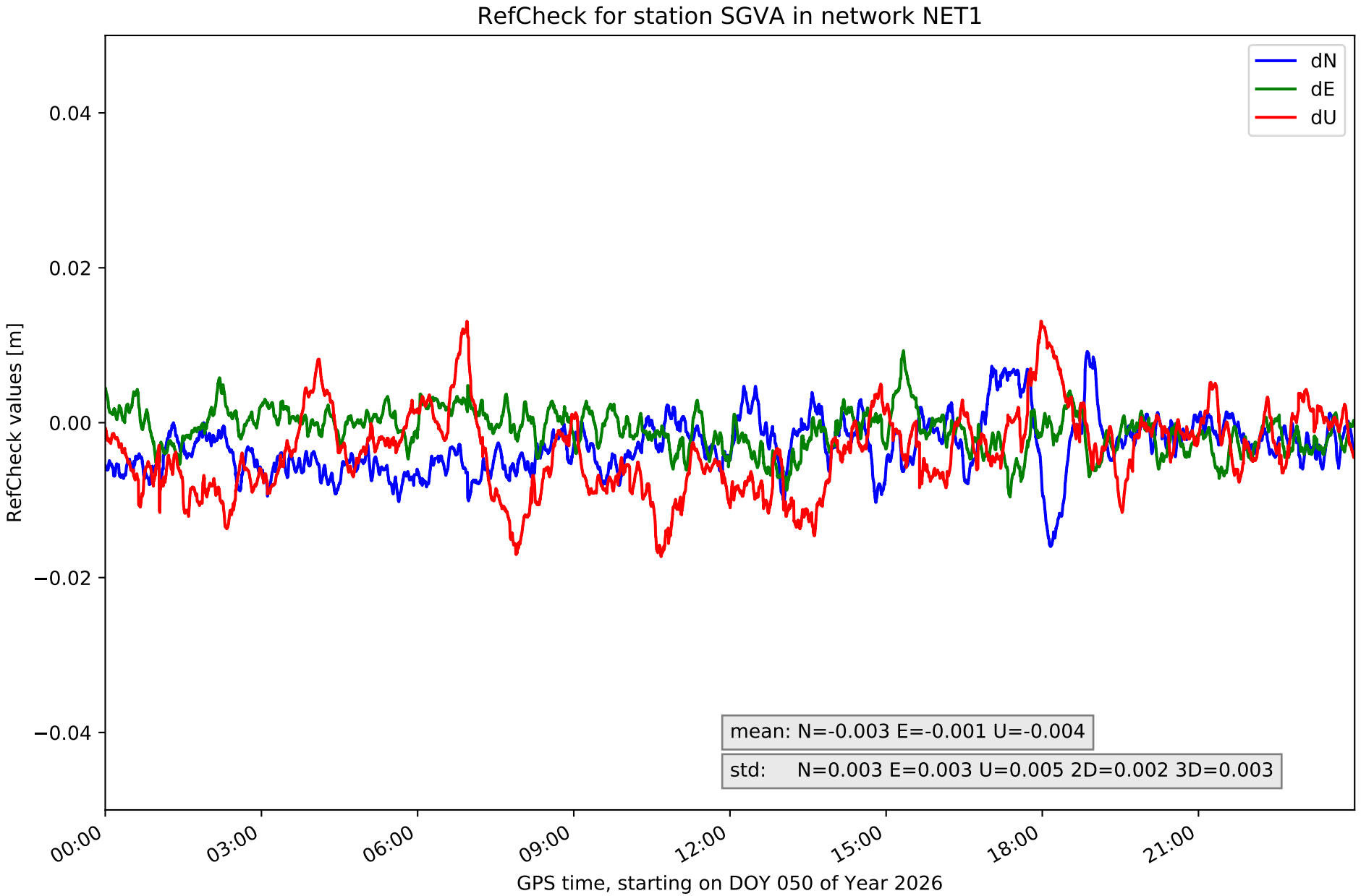

RefCheck for station NVDA in network NET1
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=-0.003 U=0.0
std: N=0.003 E=0.002 U=0.006 2D=0.002 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

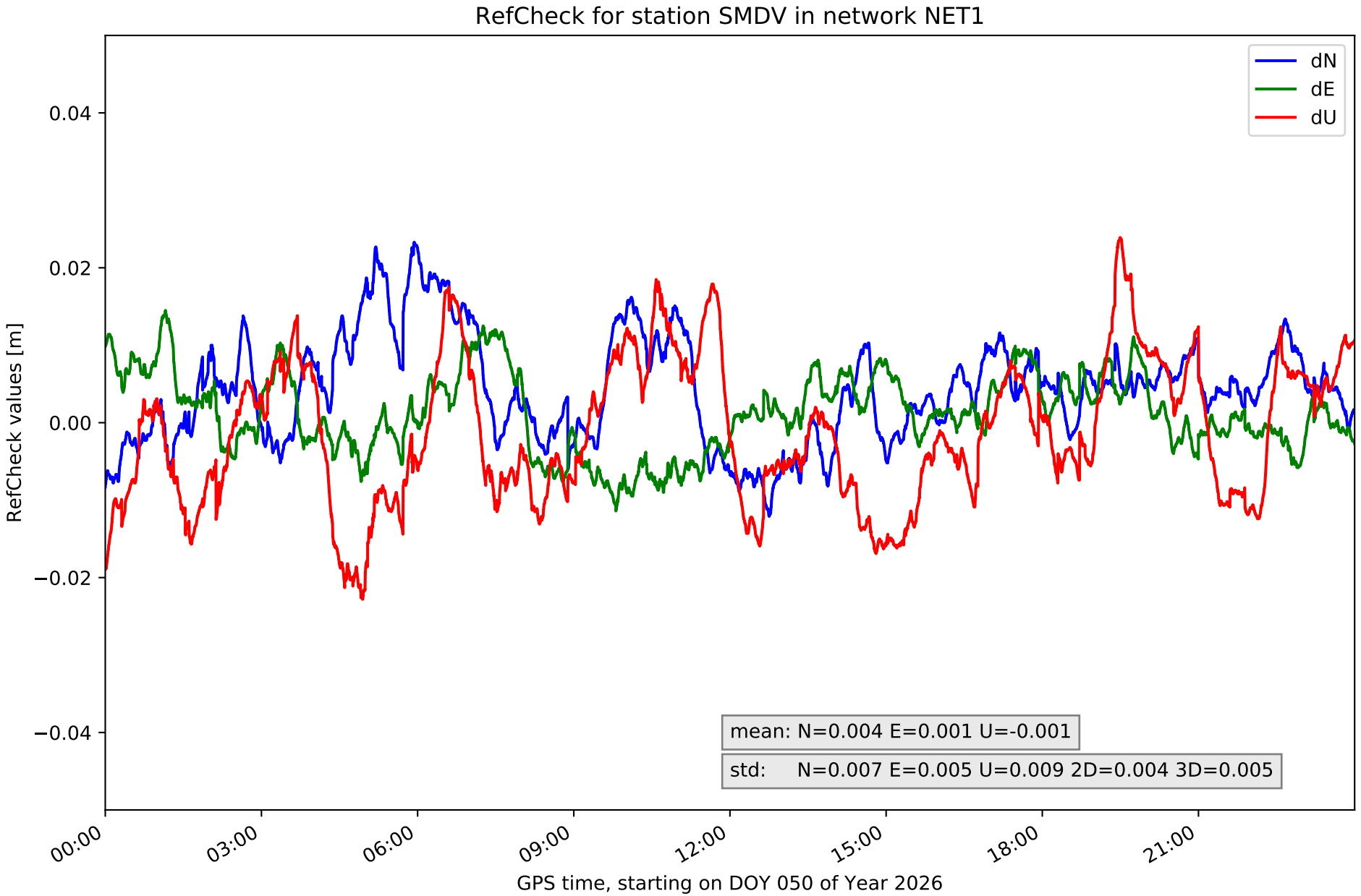

RefCheck for station OLM1 in network NET1
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=0.002 U=-0.001
std: N=0.004 E=0.003 U=0.005 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

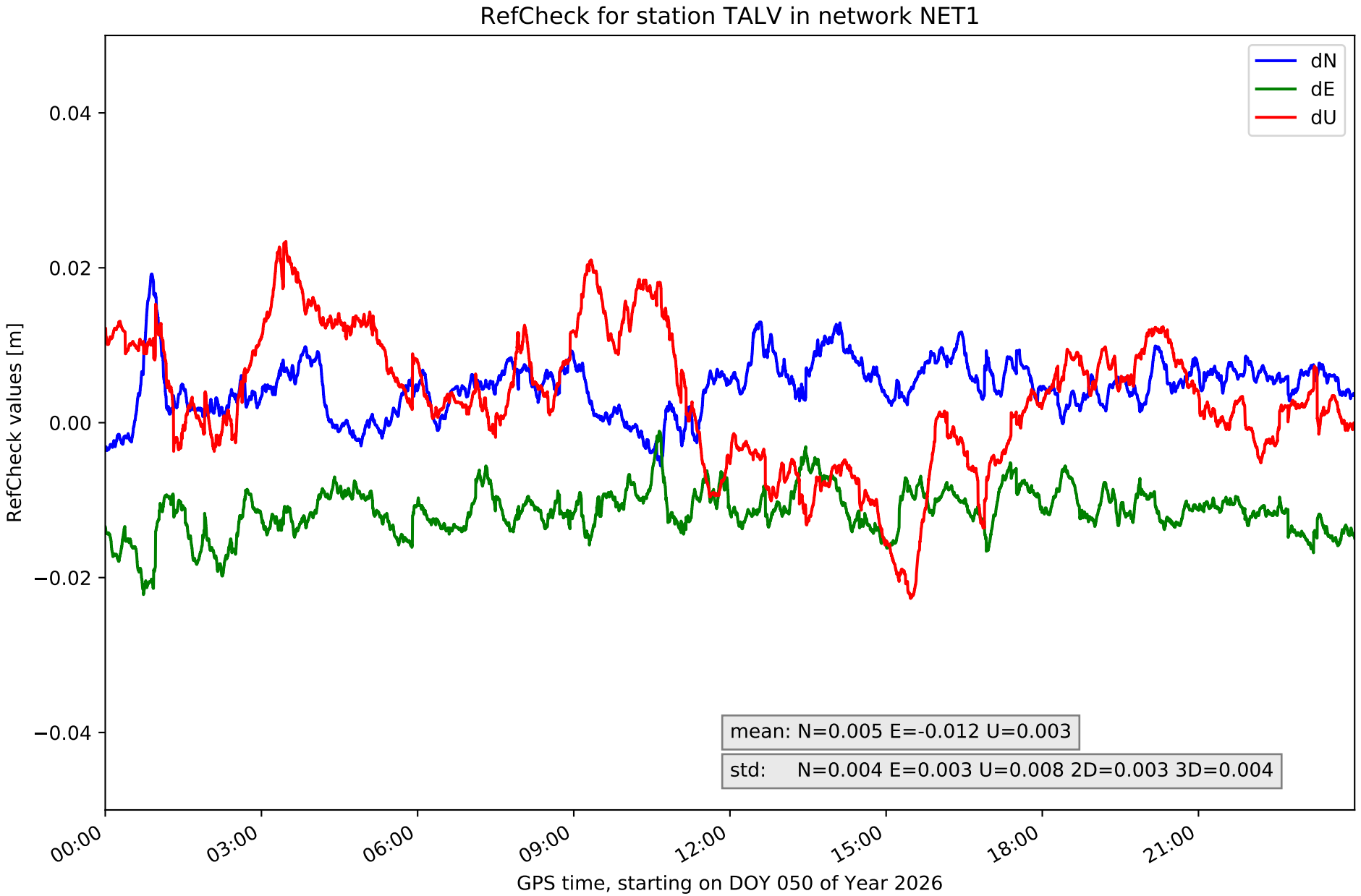

RefCheck for station ORUS in network NET1
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.005 E=0.008 U=0.004
std: N=0.004 E=0.004 U=0.007 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026

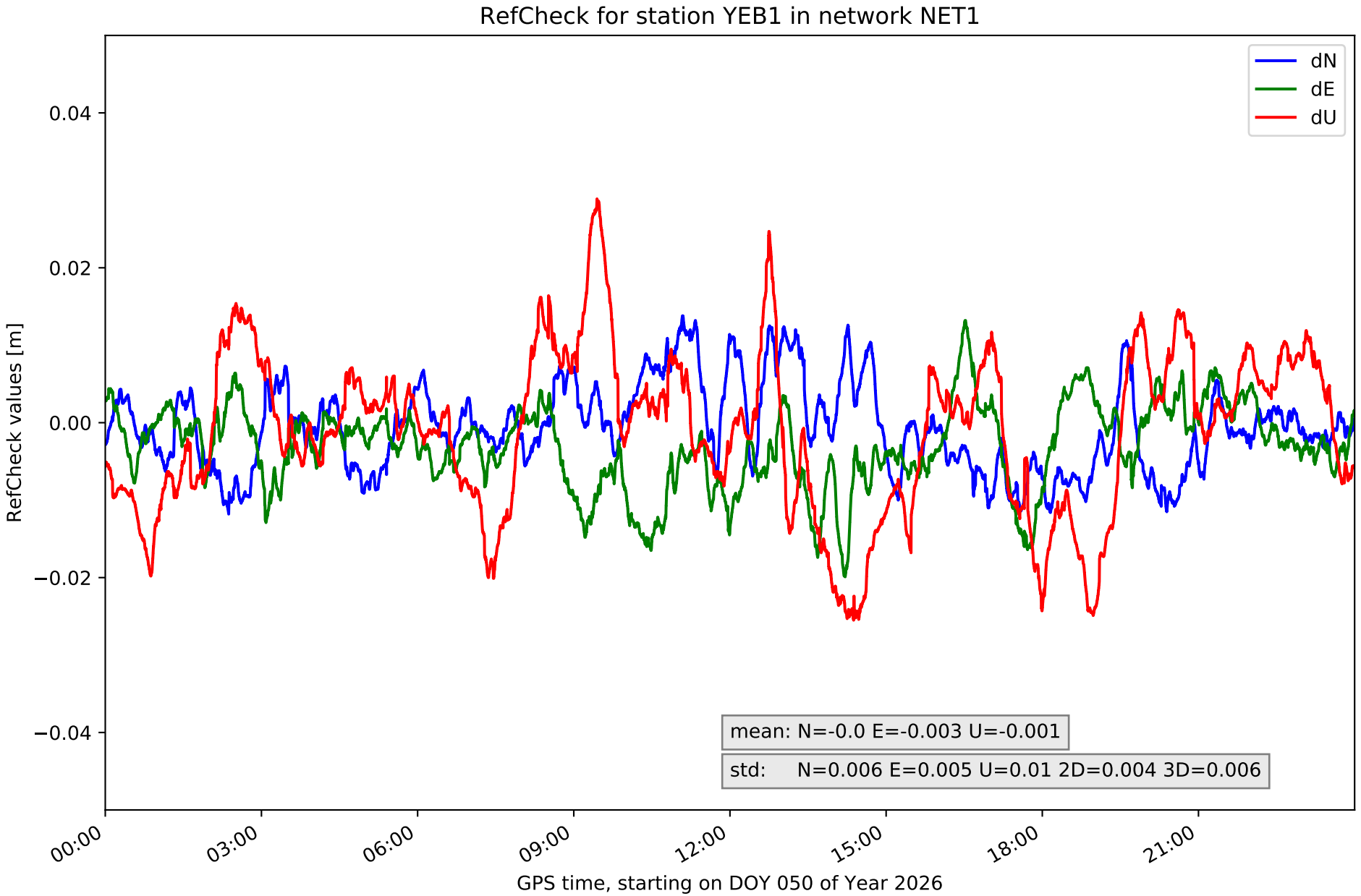

RefCheck for station PEN1 in network NET1
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=0.007 U=-0.009
std: N=0.003 E=0.003 U=0.005 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026


RefCheck for station RIA1 in network NET1
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.009 E=0.003 U=-0.004
std: N=0.003 E=0.003 U=0.004 2D=0.003 3D=0.003
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 050 of Year 2026


RefCheck for station SGVA in network NET1
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.003 E=-0.001 U=-0.004
std: N=0.003 E=0.003 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 050 of Year 2026


RefCheck for station SMDV in network NET1
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.004 E=0.001 U=-0.001
std: N=0.007 E=0.005 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 050 of Year 2026


RefCheck for station TALV in network NET1
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.005 E=-0.012 U=0.003
std: N=0.004 E=0.003 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 050 of Year 2026


RefCheck for station YEB1 in network NET1
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=-0.003 U=-0.001
std: N=0.006 E=0.005 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 050 of Year 2026

RefCheck values for network NET1

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	-0.008	0.015	0.003	-0.012	0.013	0.004	-0.015	0.027	0.007	0.003	0.005	2098	3.0	1945	2.8
ARAJ	-0.027	0.016	0.006	-0.015	**0.029**	0.005	-0.016	0.029	0.009	0.005	0.006	17466	25.0	9606	13.7
ARSP	**-0.03**	0.024	**0.01**	-0.014	0.023	0.007	-0.049	**0.06**	**0.017**	**0.007**	**0.012**	31272	44.8	**25037**	**35.8**
AVI2	-0.011	0.005	0.003	-0.013	0.004	0.003	-0.015	0.013	0.005	0.003	0.003	6857	9.8	0	0.0
BUIT	-0.025	**0.03**	0.009	-0.025	0.024	**0.008**	-0.024	**0.06**	0.012	0.006	0.006	41729	59.7	21927	31.4
GMSR	-0.013	0.017	0.003	-0.011	0.006	0.002	-0.028	0.009	0.006	0.002	0.005	2299	3.3	2057	2.9
IGNE	-0.019	0.012	0.005	-0.019	0.016	0.006	**-0.06**	0.029	0.015	0.004	0.01	14325	20.5	14492	20.7
MAD1	-0.017	0.023	0.007	**-0.026**	0.02	0.005	-0.033	0.032	0.011	0.006	0.009	16141	23.1	11064	15.8
NVDA	-0.007	0.011	0.003	-0.009	0.003	0.002	-0.015	0.017	0.006	0.002	0.003	766	1.1	0	0.0
OLM1	-0.011	0.022	0.004	-0.009	0.018	0.003	-0.014	0.012	0.005	0.003	0.004	5788	8.3	609	0.9
ORUS	-0.008	0.021	0.004	-0.003	0.021	0.004	-0.016	0.021	0.007	0.003	0.004	32520	46.5	3252	4.7
PEN1	-0.006	0.011	0.003	-0.001	0.018	0.003	-0.023	0.009	0.005	0.003	0.004	13109	18.8	3392	4.9
RIA1	0.001	0.022	0.003	-0.005	0.009	0.003	-0.021	0.013	0.004	0.003	0.003	35894	51.4	1564	2.2
SGVA	-0.016	0.009	0.003	-0.01	0.009	0.003	-0.017	0.013	0.005	0.002	0.003	1816	2.6	0	0.0
SMDV	-0.012	0.023	0.007	-0.011	0.015	0.005	-0.023	0.024	0.009	0.004	0.005	20642	29.5	6876	9.8
TALV	-0.006	0.019	0.004	-0.022	-0.001	0.003	-0.023	0.023	0.008	0.003	0.004	**57706**	**82.6**	8020	11.5
YEB1	-0.012	0.014	0.006	-0.02	0.013	0.005	-0.025	0.029	0.01	0.004	0.006	17475	25.0	6795	9.7
Mean	**-0.013**	**0.017**	**0.005**	**-0.013**	**0.014**	**0.004**	**-0.025**	**0.025**	**0.008**	**0.004**	**0.005**	**18700.2**	**26.8**	**6860.9**	**9.8**
Min/Max	**-0.03**	**0.03**	**0.01**	**-0.026**	**0.029**	**0.008**	**-0.06**	**0.06**	**0.017**	**0.007**	**0.012**	**57706**	**82.6**	**25037**	**35.8**

fixing statistic for network NET1

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	93.2	93.9	94.7	95.3	89.6
considering satellites with dual-frequency fixed	90.5	91.0	91.4	92.3	87.0
considering all signals separately	90.6	91.1	91.4	92.4	86.0