summary for network NET2

timeperiod chosen: from 2026-11-10-00:00:00 until 2026-11-10-23:59:59

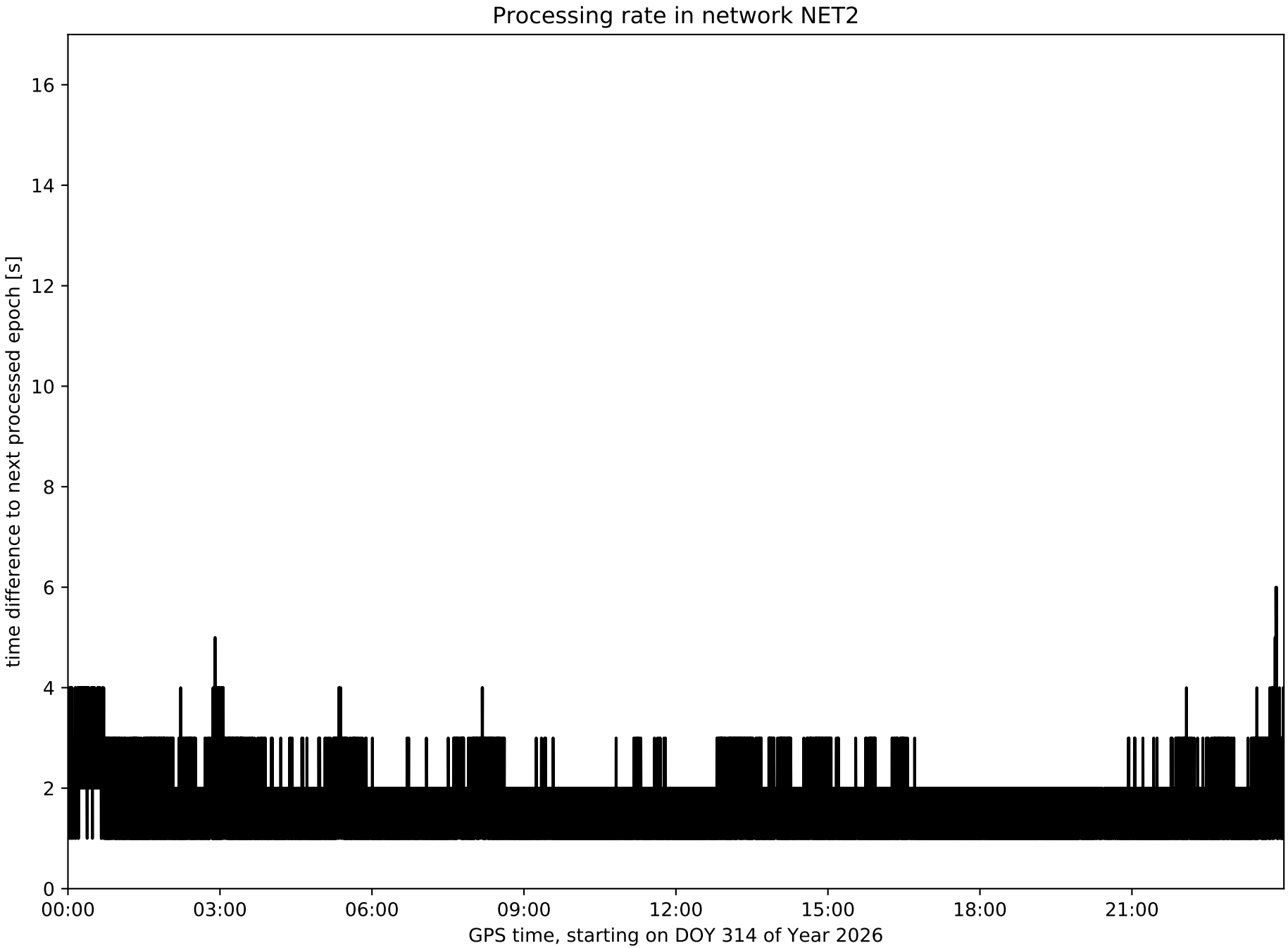
average update rate (durations larger than 15 seconds considered as observation gap): 1.4 seconds

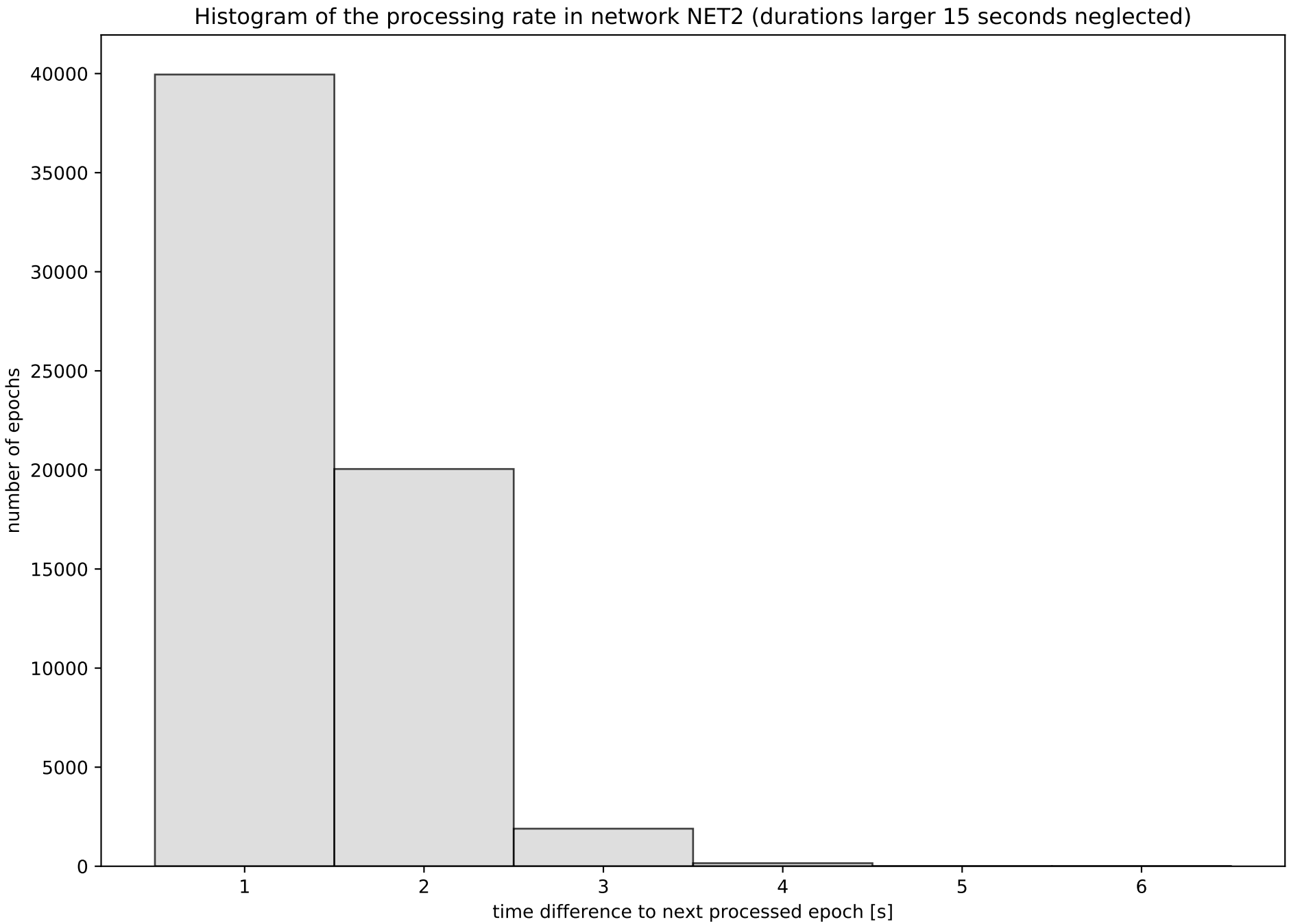
average fixing percentage with threshold set to 0.3: 93.9 percent

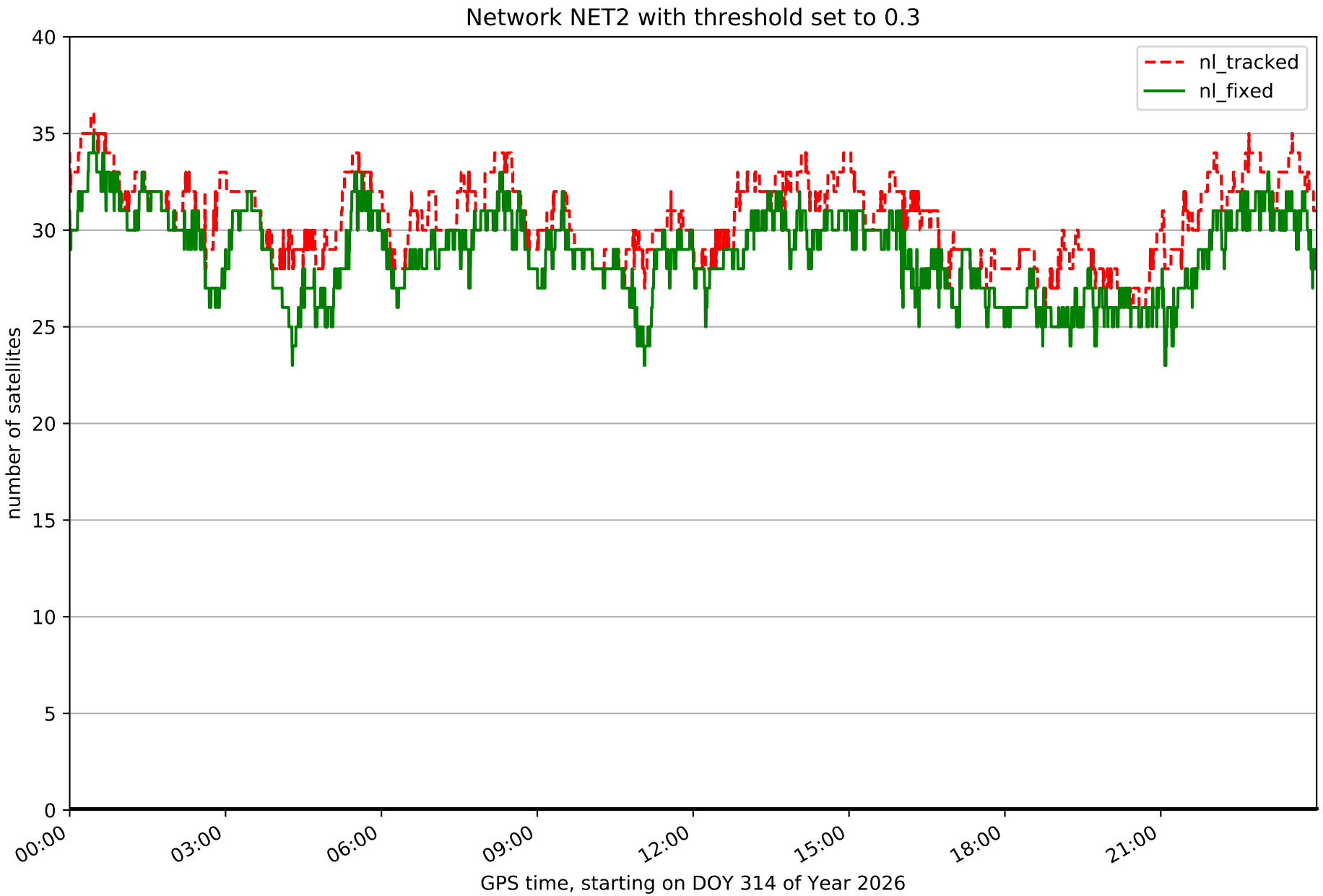
stations available: 17 of 17

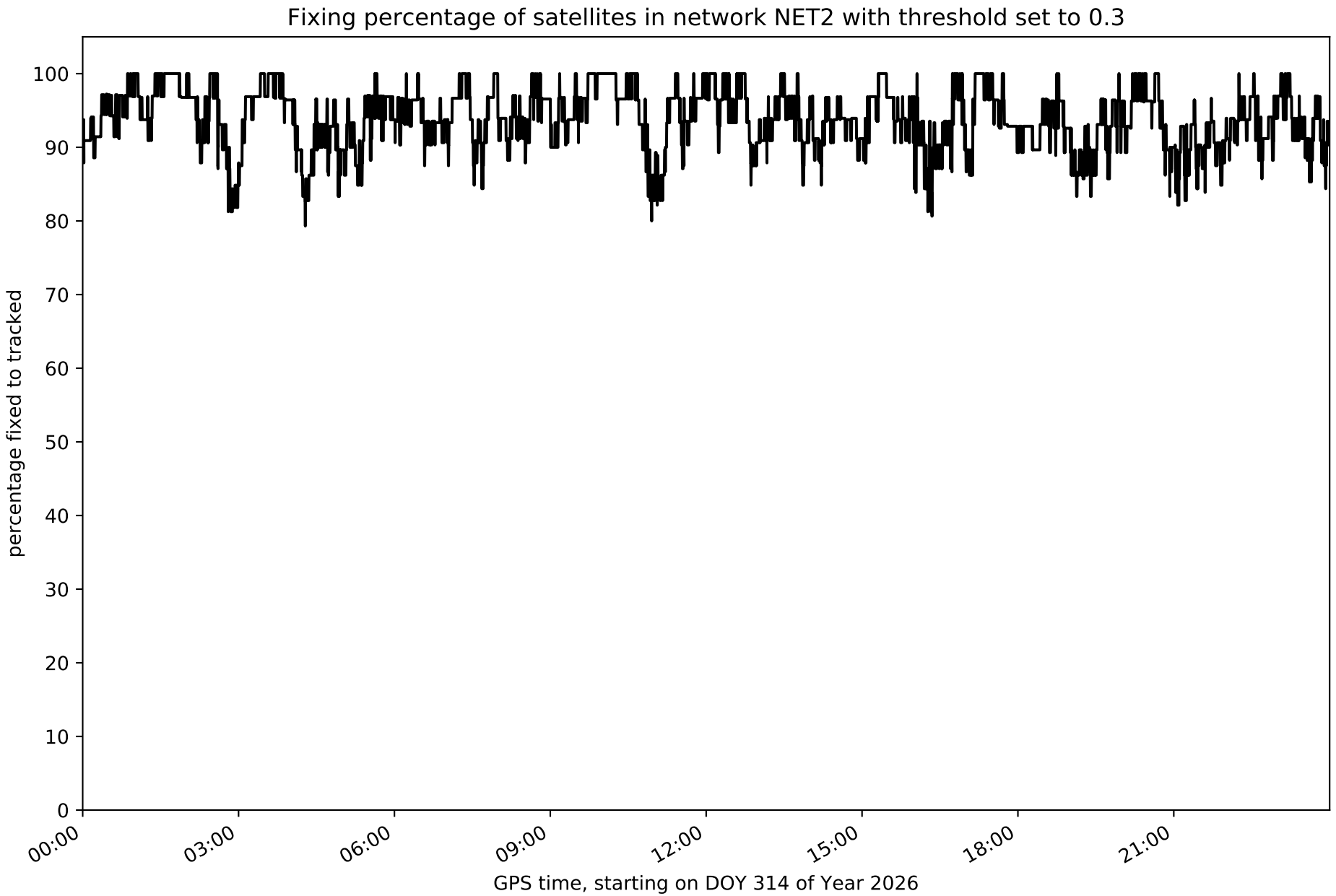
station information:

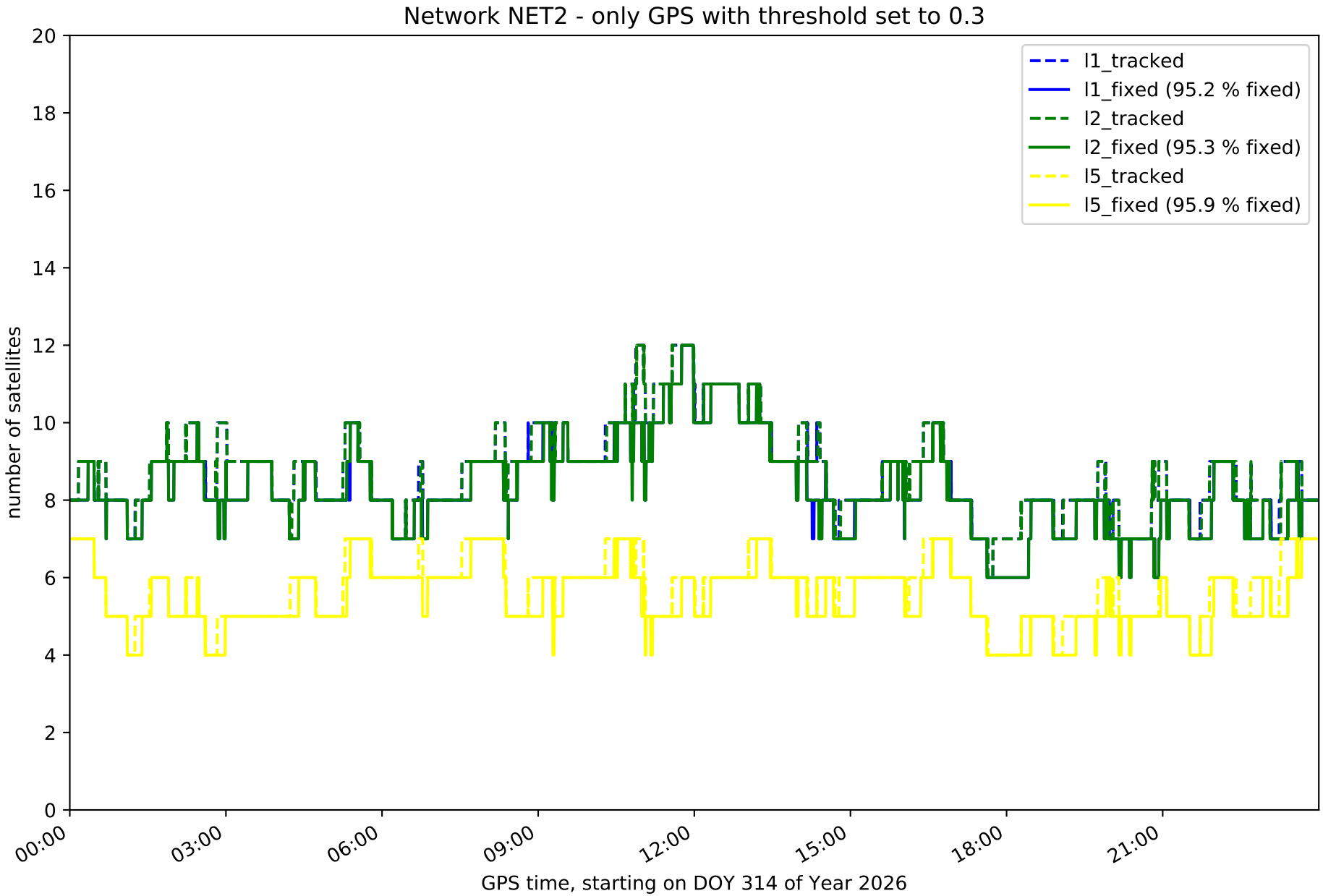
station BADJ:	antenna: TRM159900.00 SCIS	receiver: TRIMBLE NETR9	height: 250.001
station BEJR:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE NETR9	height: 1095.131
station CACE:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 436.555
station CATU:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 538.726
station CORI:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 298.517
station HERR:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 478.961
station JERE:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 502.044
station LLER:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 697.642
station MEDA:	antenna: TPSCR.G5 TPSH	receiver: TPS NET-G5	height: 289.938
station NAVA:	antenna: LEIAR20 LEIM	receiver: LEICA GR50	height: 351.591
station ONOR:	antenna: TRM59900.00 SCIS	receiver: TRIMBLE NETR9	height: 849.376
station POZO:	antenna: GPPNULLANTENNA NONE	receiver: LEICA GR50	height: 736.049
station SPAB:	antenna: TPSCR.G5 TPSH	receiver: LEICA GR50	height: 1006.14
station TALR:	antenna: TRM57971.00 TZGD	receiver: TRIMBLE NETR9	height: 498.984
station TRUJ:	antenna: TPSCR.G5 TPSH	receiver: TPS NET-G5	height: 555.566
station VALC:	antenna: TRM159900.00 SCIS	receiver: TRIMBLE NETR9	height: 529.974
station ZFRA:	antenna: LEIAR25.R3 LEIT	receiver: LEICA GR25	height: 587.476

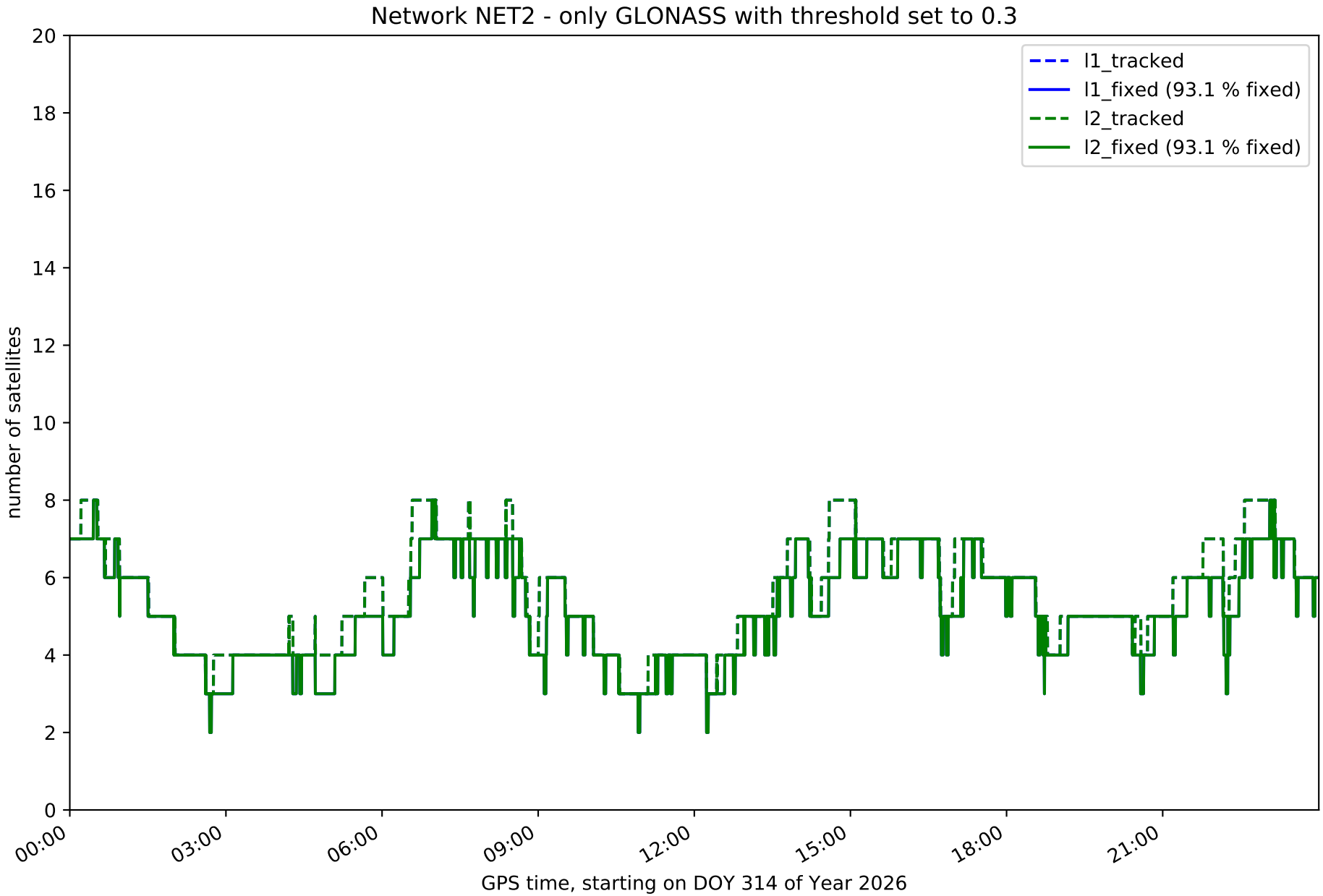

Processing rate in network NET2
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

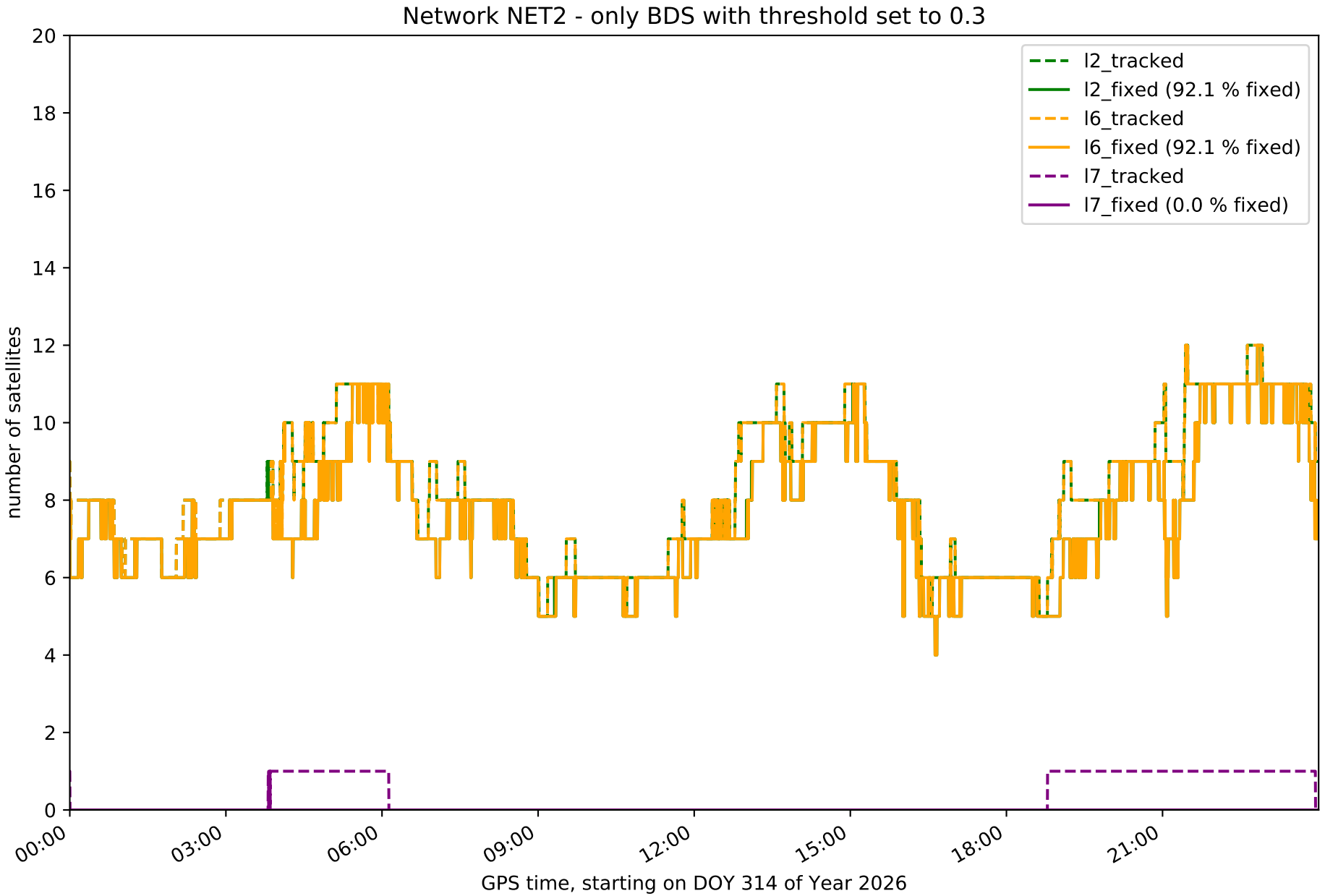

Histogram of the processing rate in network NET2 (durations larger 15 seconds neglected)
number of epochs
0
5000
10000
15000
20000
25000
30000
35000
40000
1
2
3
4
5
6
time difference to next processed epoch [s]

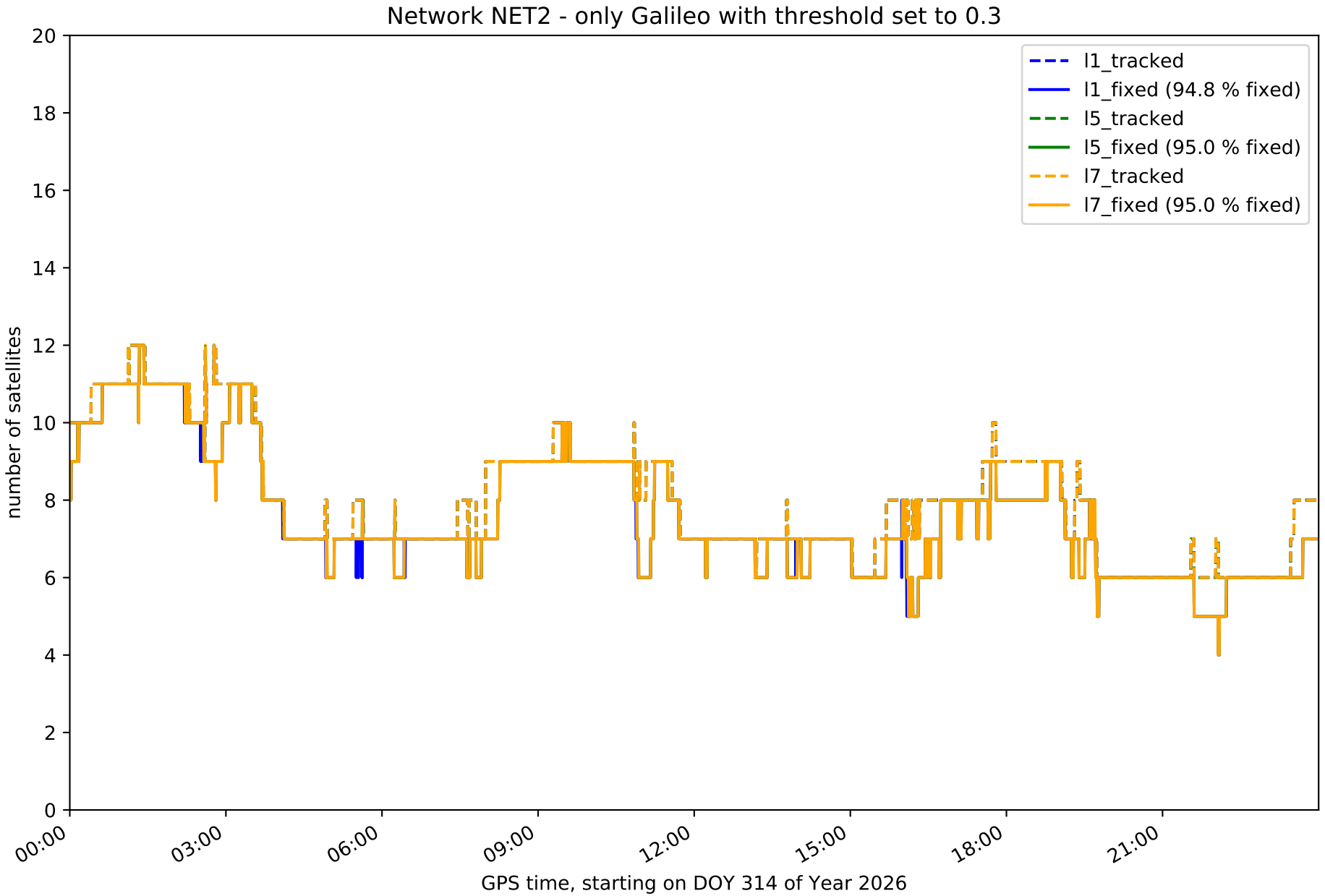

Network NET2 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

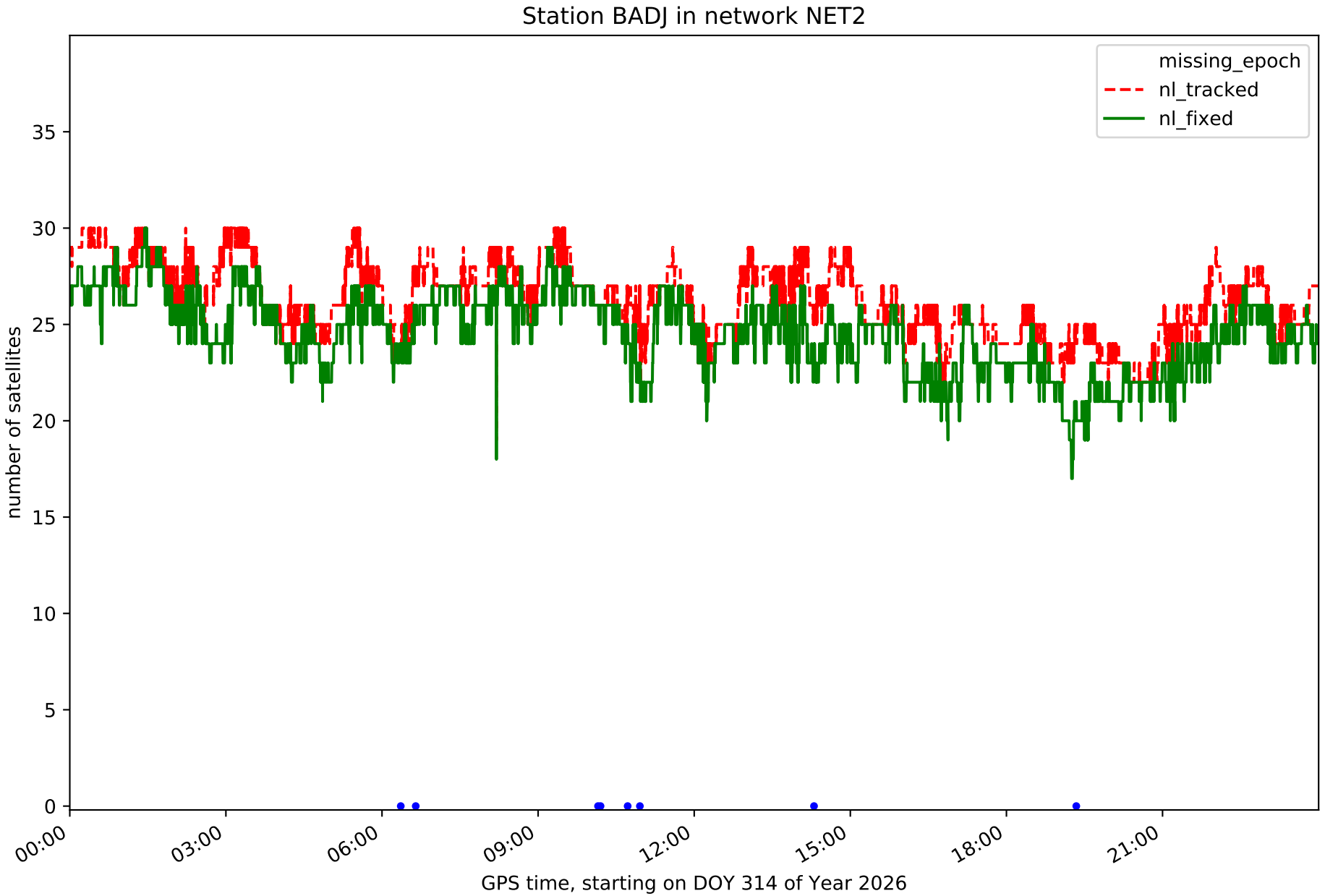

Fixing percentage of satellites in network NET2 with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

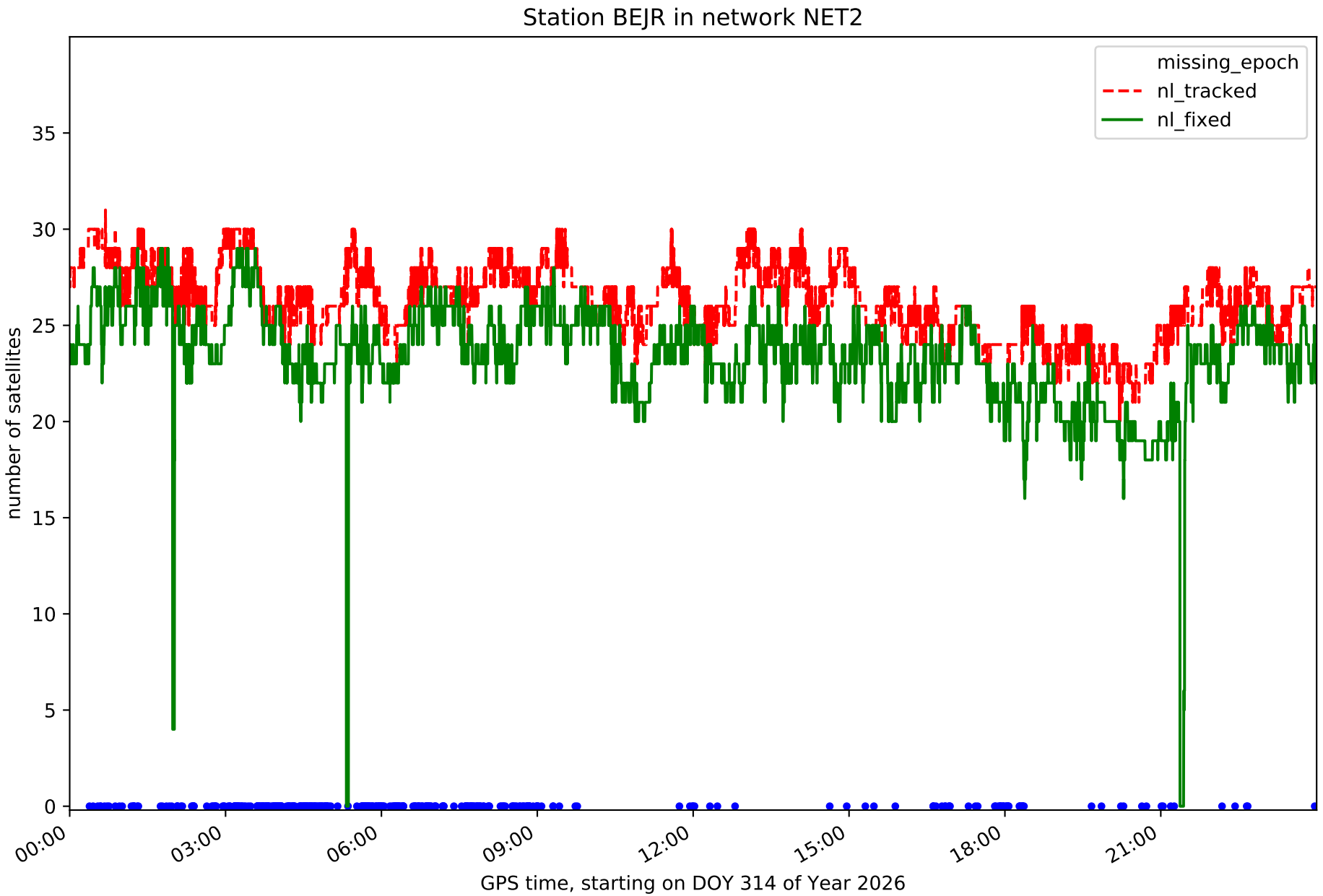

Network NET2 - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 314 of Year 2026
l1_tracked
l1_fixed (95.2 % fixed)
l2_tracked
l2_fixed (95.3 % fixed)
l5_tracked
l5_fixed (95.9 % fixed)
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00

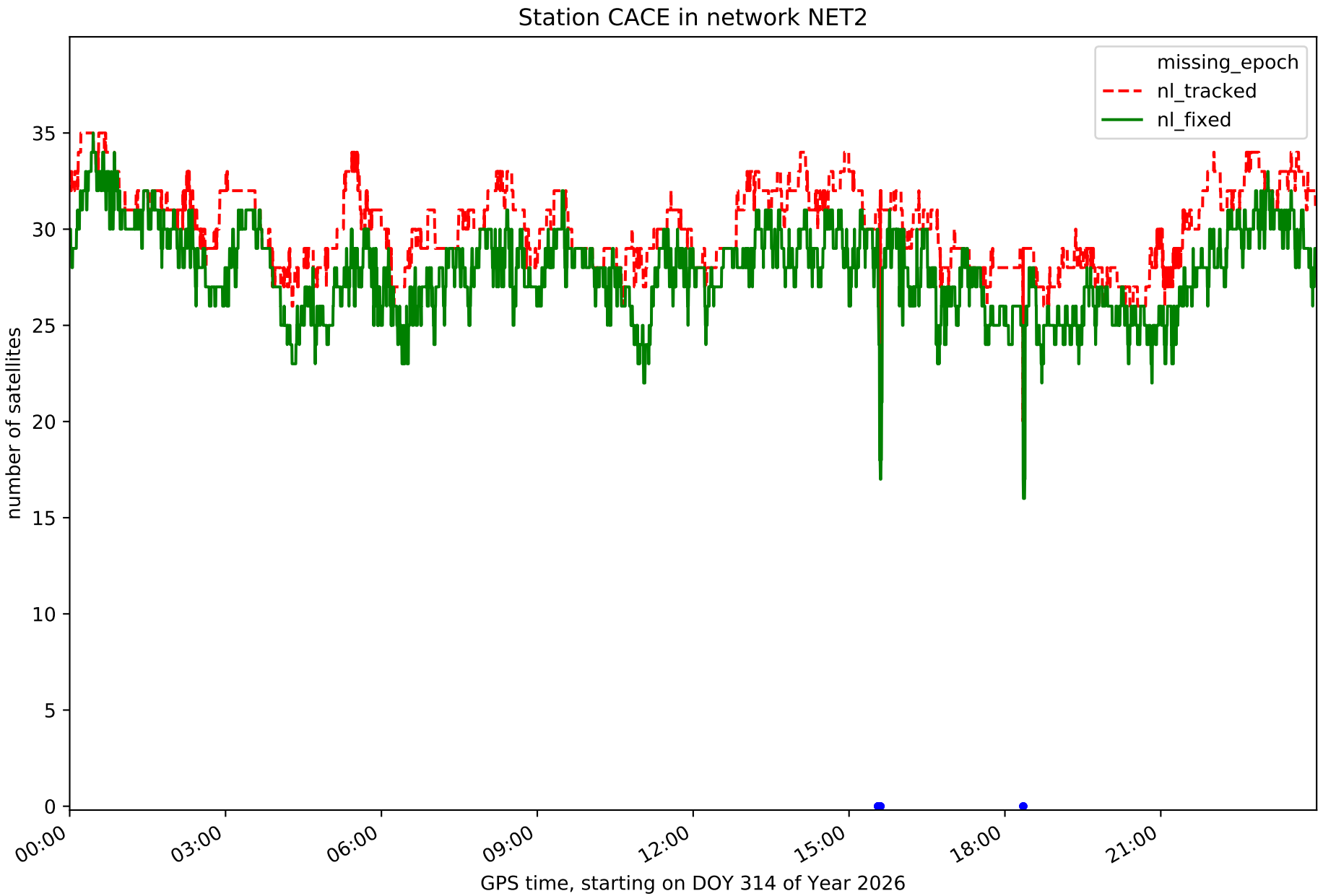

Network NET2 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (93.1 % fixed)
l2_tracked
l2_fixed (93.1 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

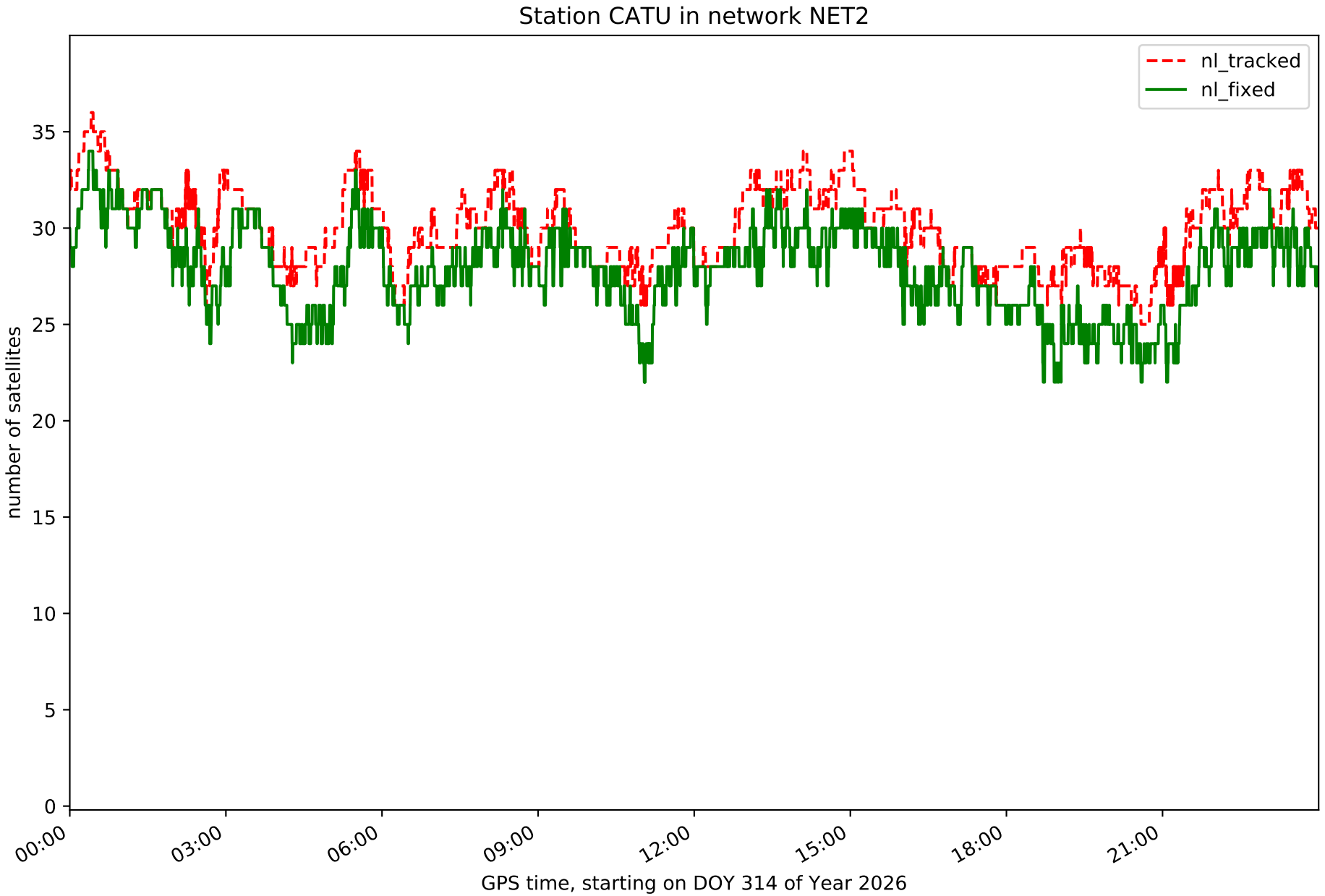

Network NET2 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 314 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (92.1 % fixed)
I6_tracked
I6_fixed (92.1 % fixed)
I7_tracked
I7_fixed (0.0 % fixed)

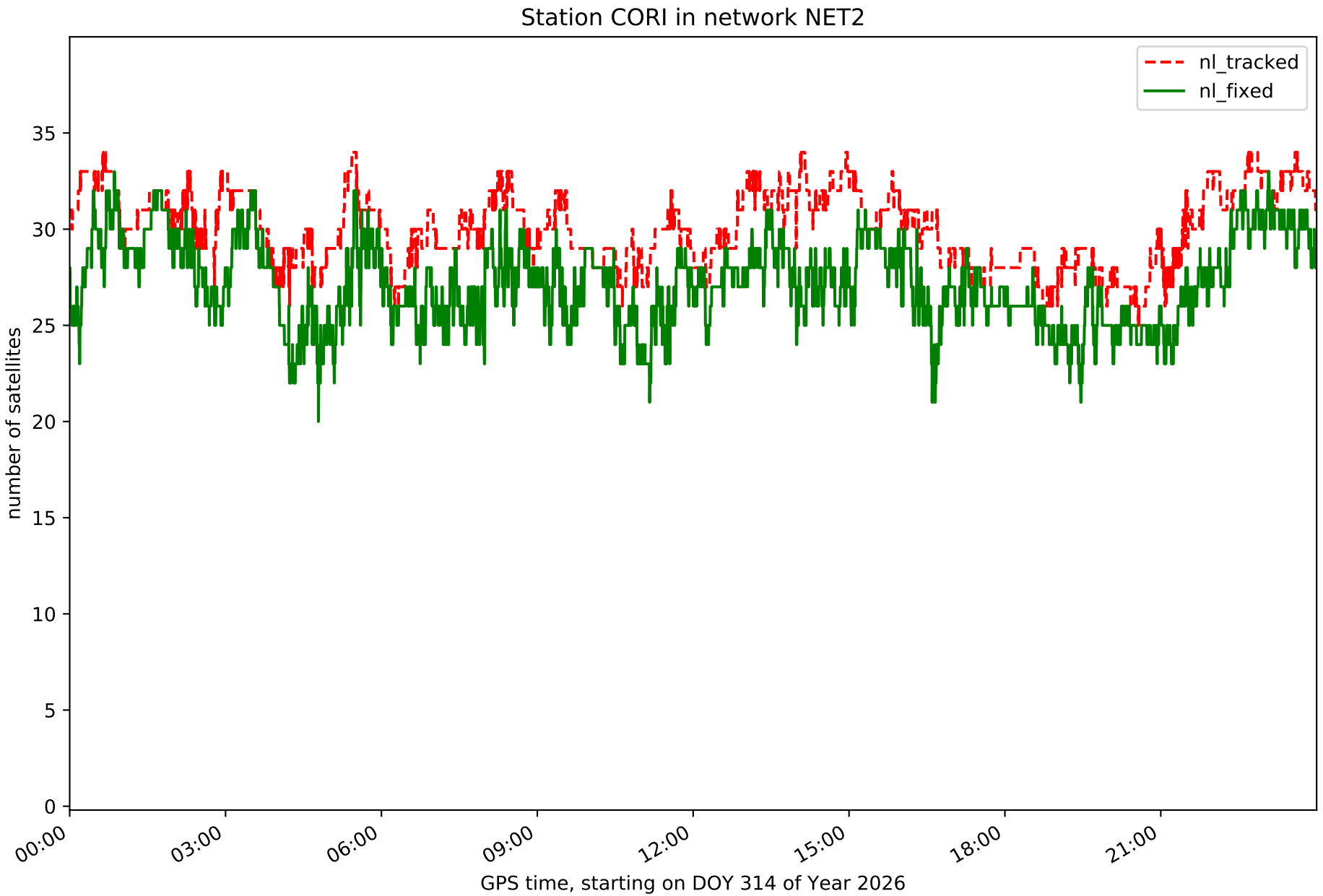

Network NET2 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 314 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (94.8 % fixed)
l5_tracked
l5_fixed (95.0 % fixed)
l7_tracked
l7_fixed (95.0 % fixed)

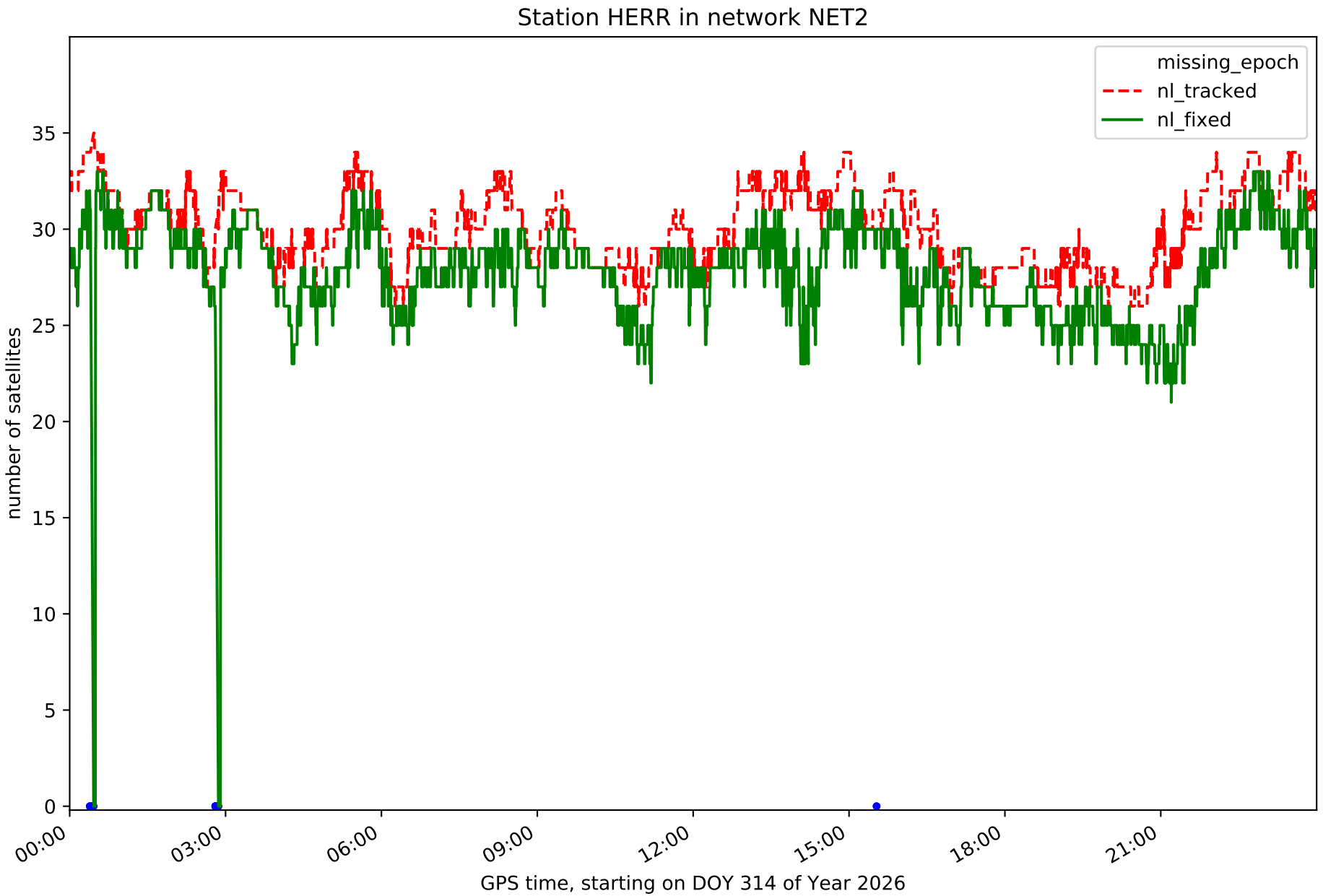

Station BADJ in network NET2
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

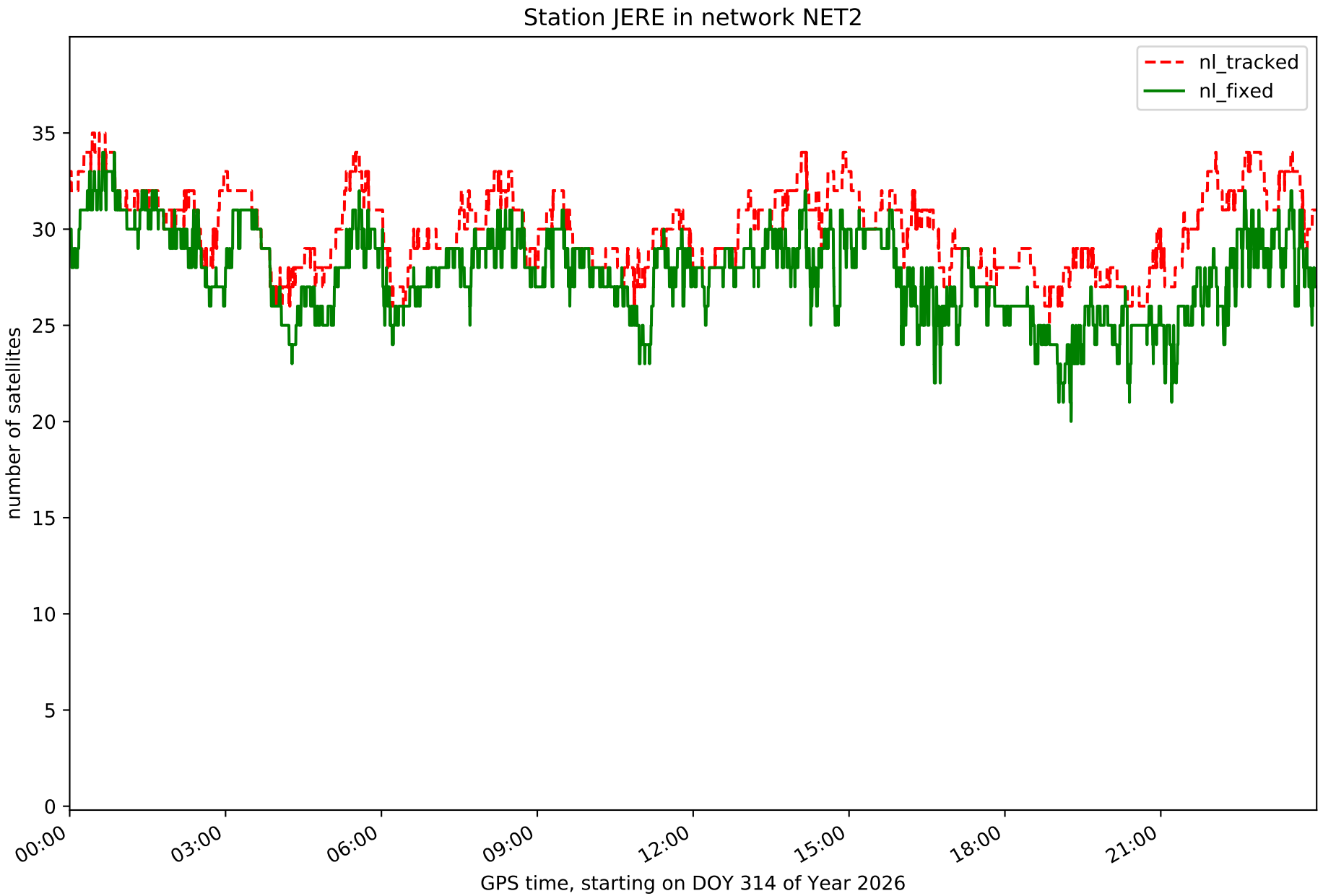

Station BEJR in network NET2
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

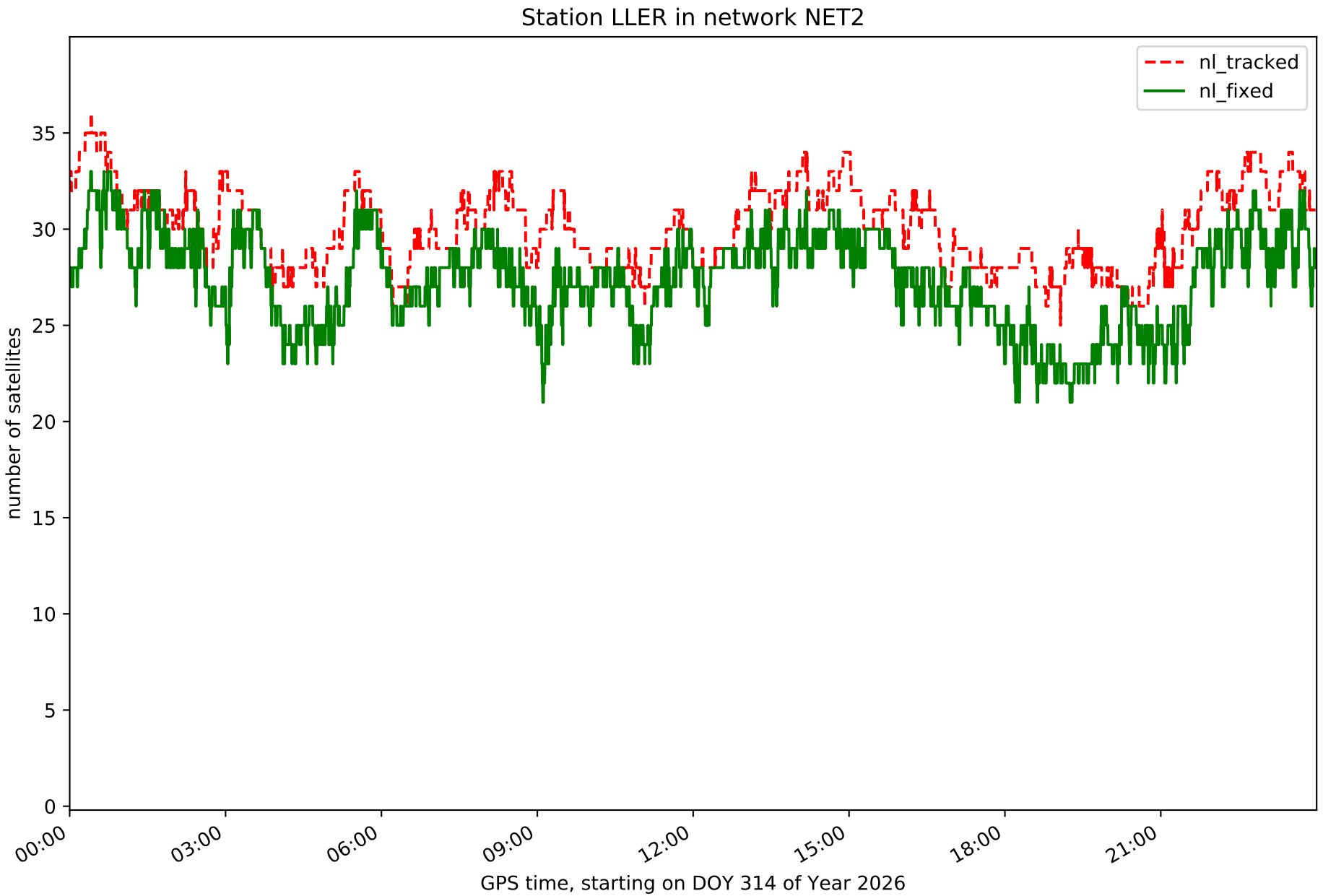

Station CACE in network NET2
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

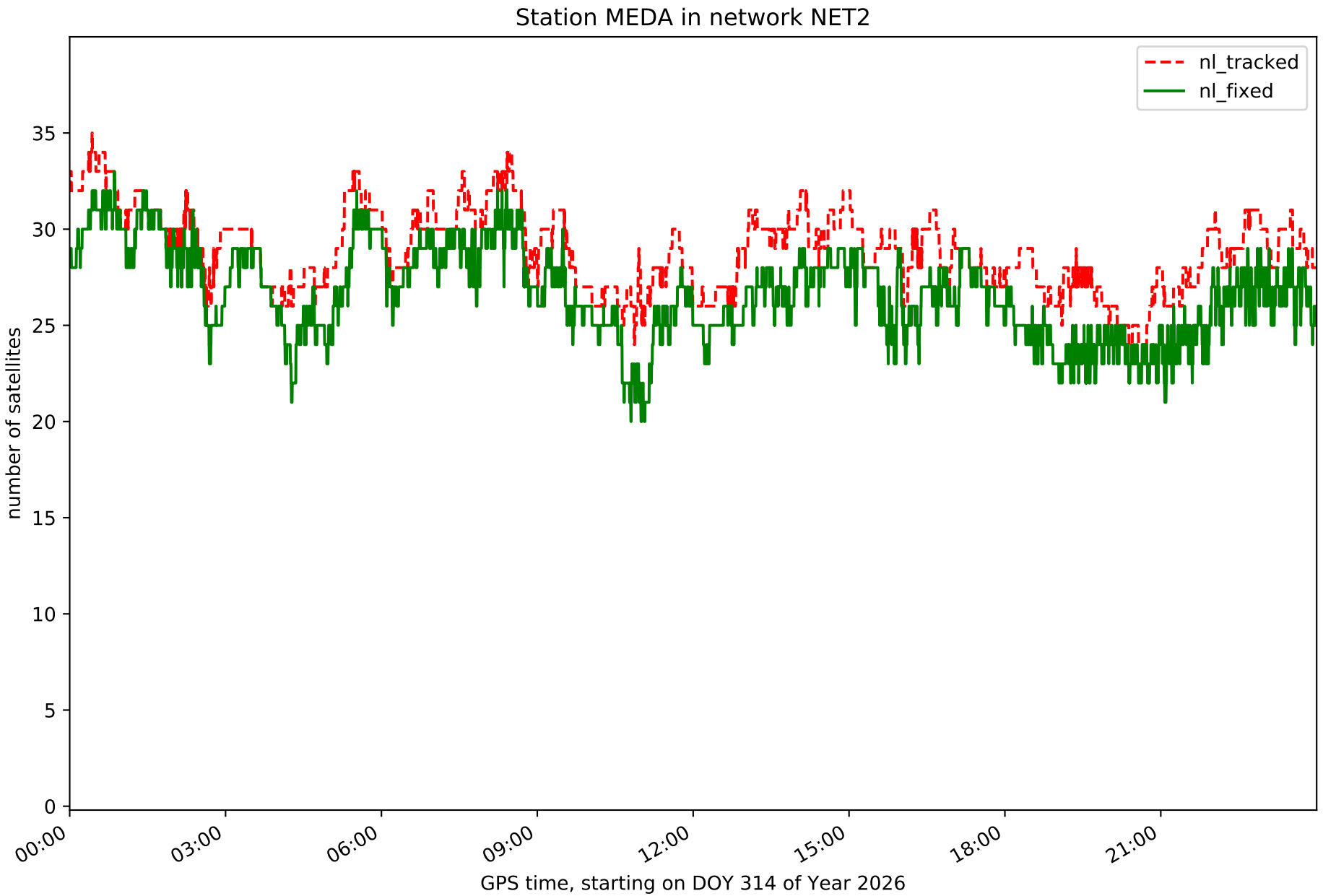

Station CATU in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

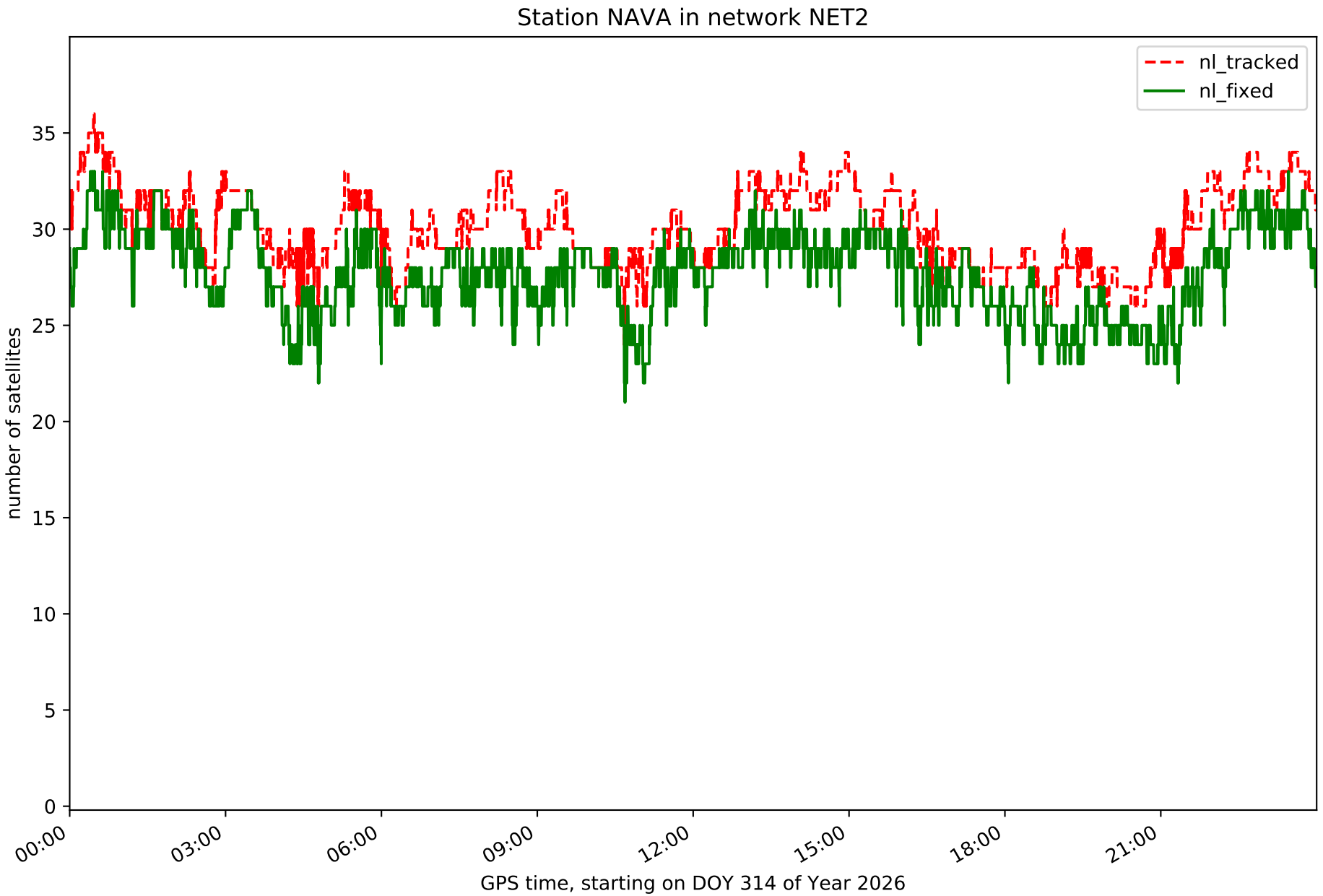

Station CORI in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

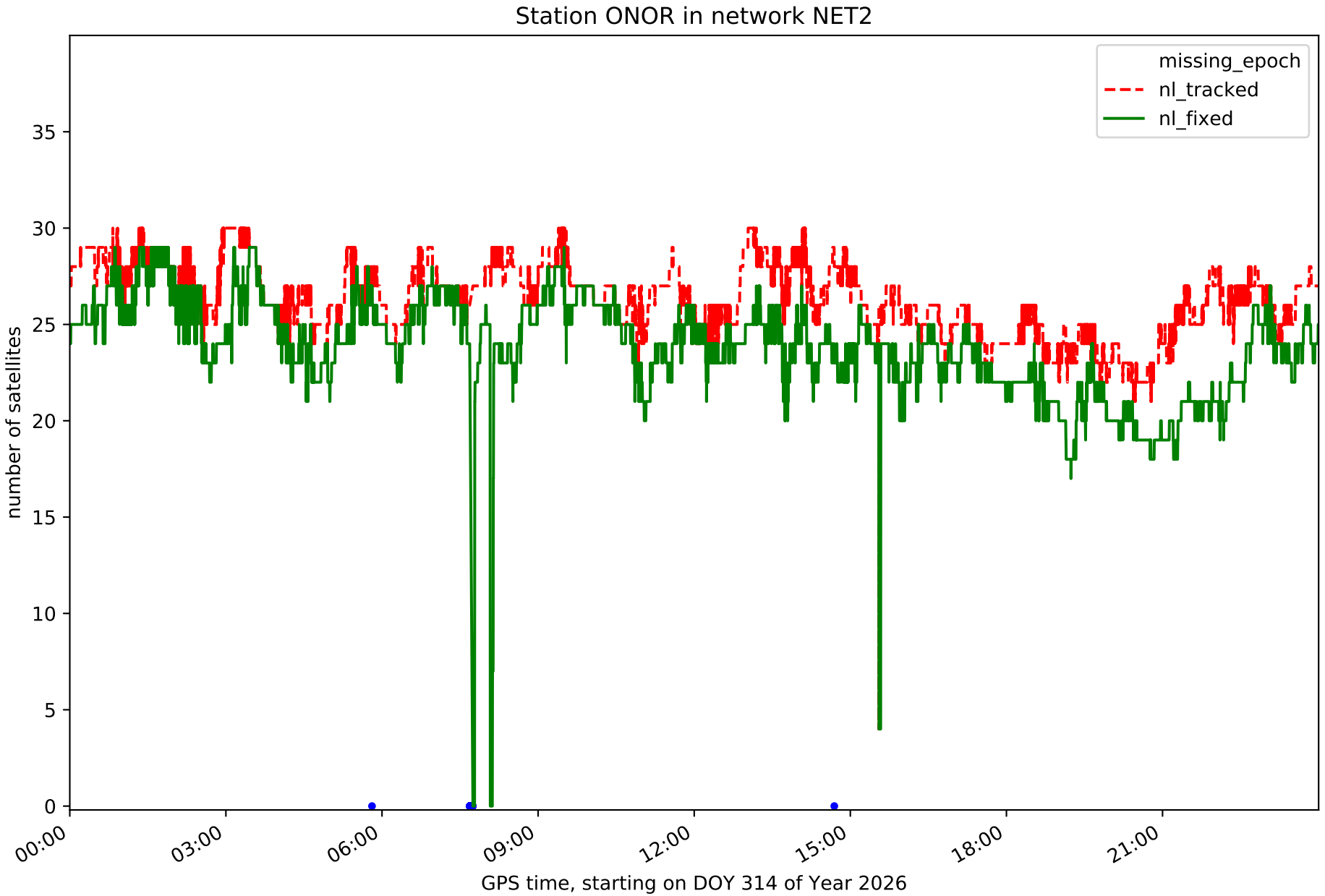

Station HERR in network NET2
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

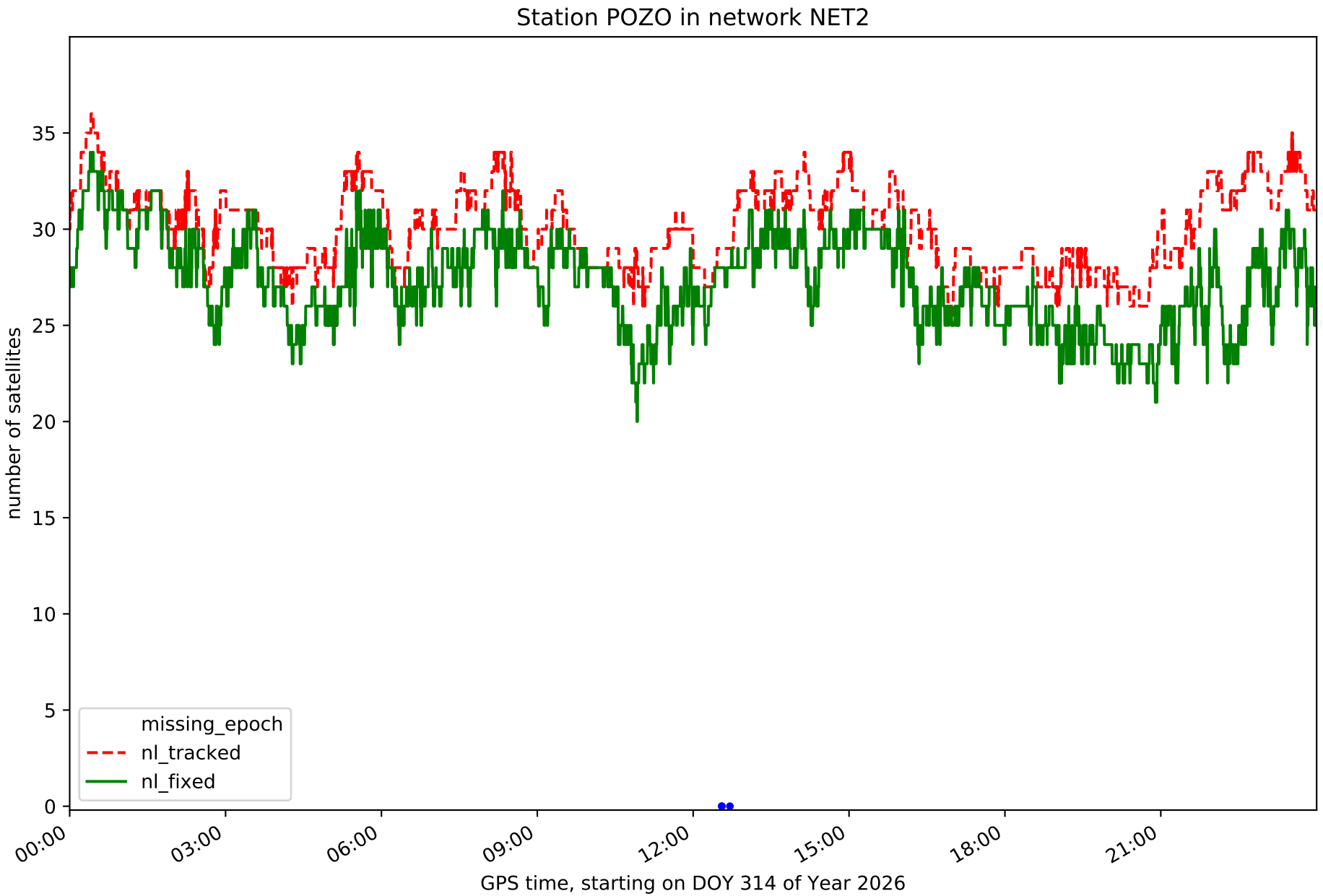

Station JERE in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

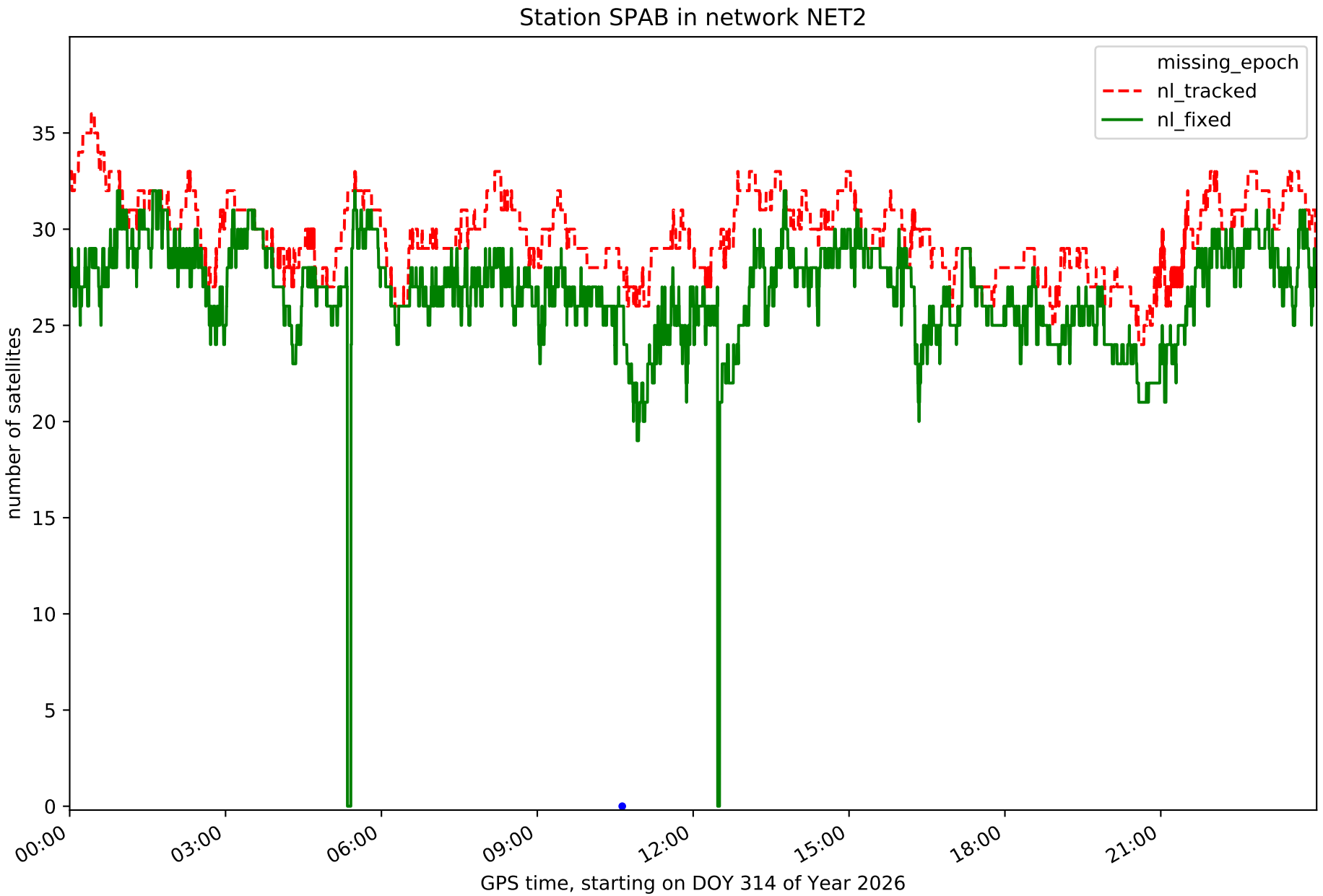

Station LLER in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

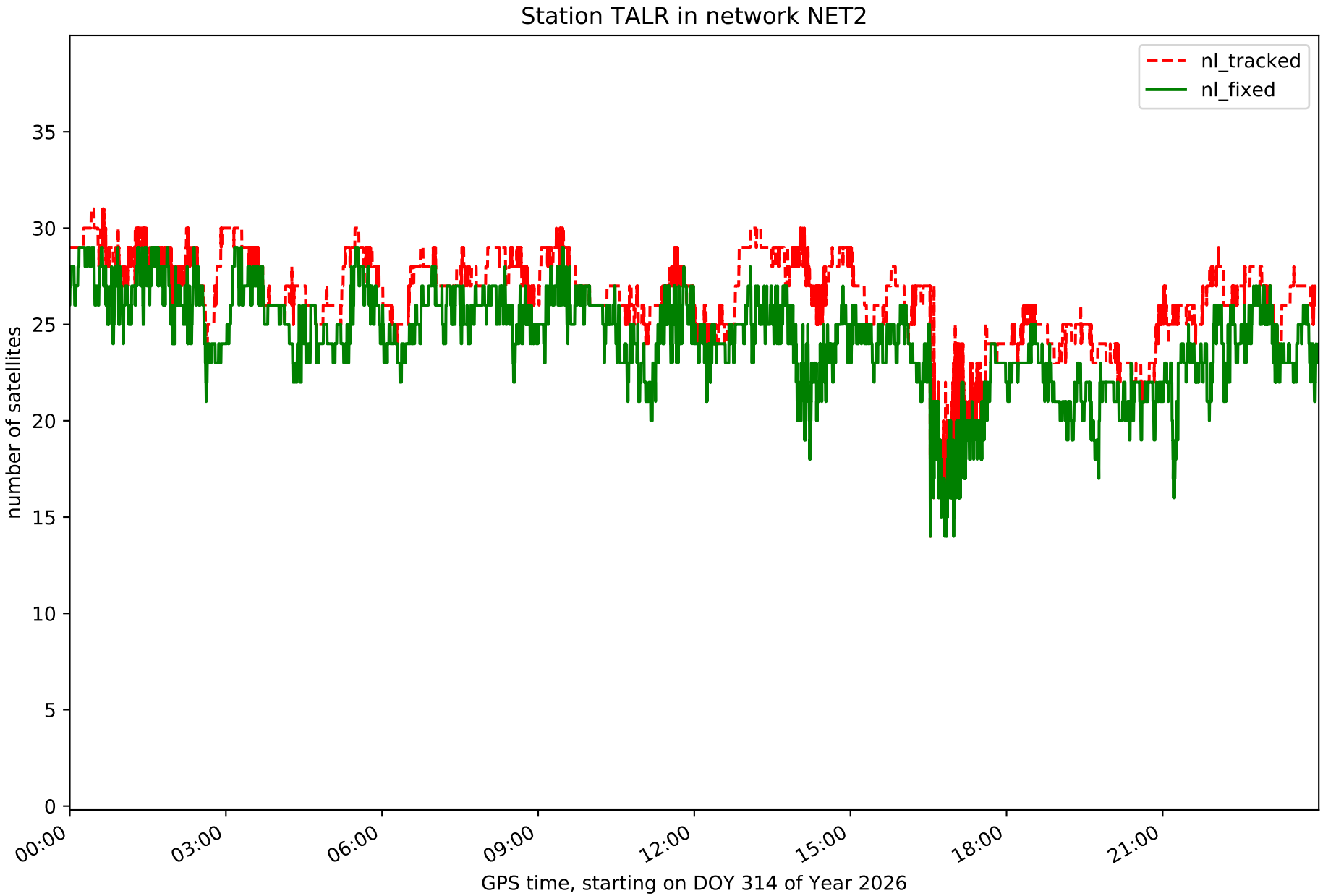

Station MEDA in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

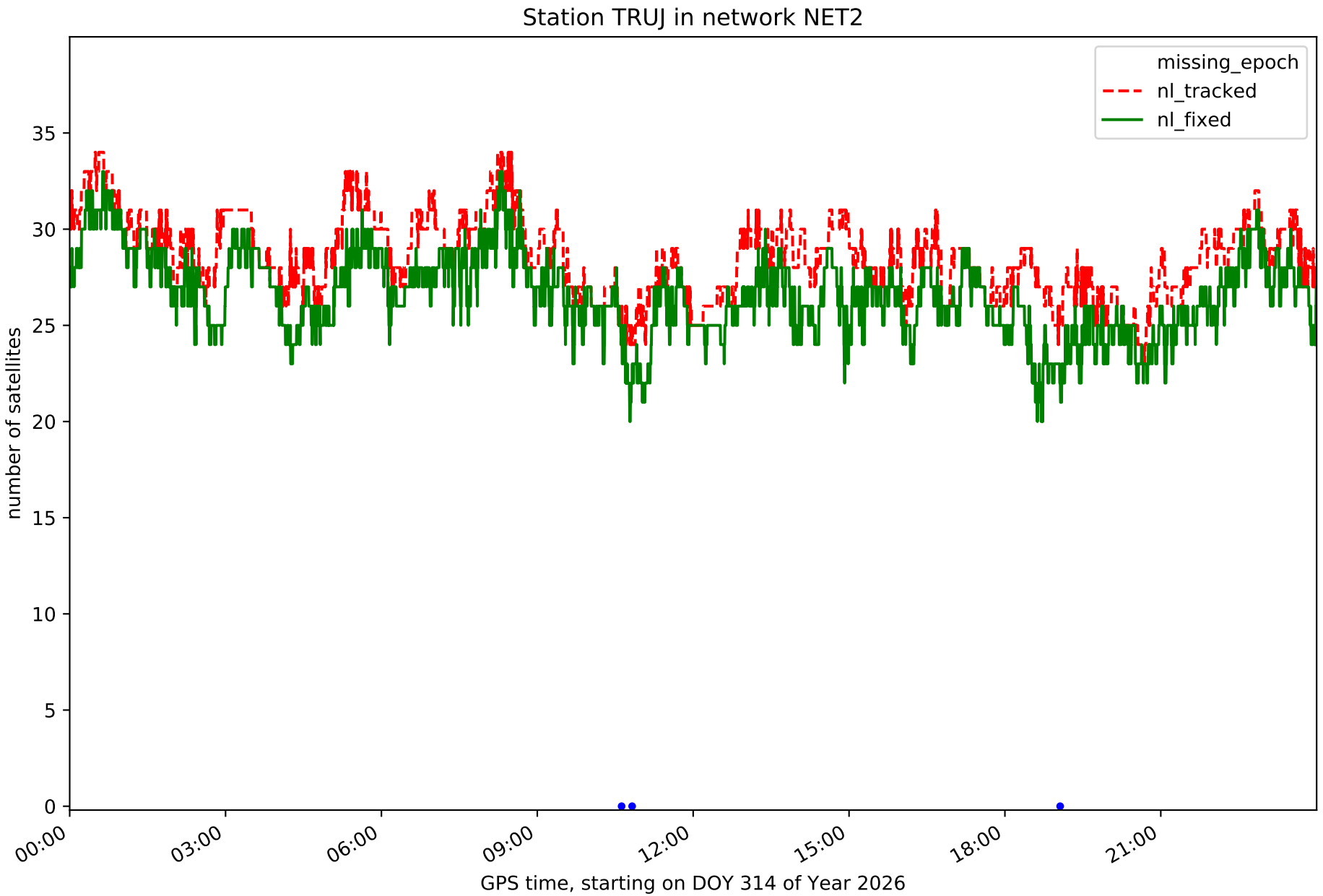

Station NAVA in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

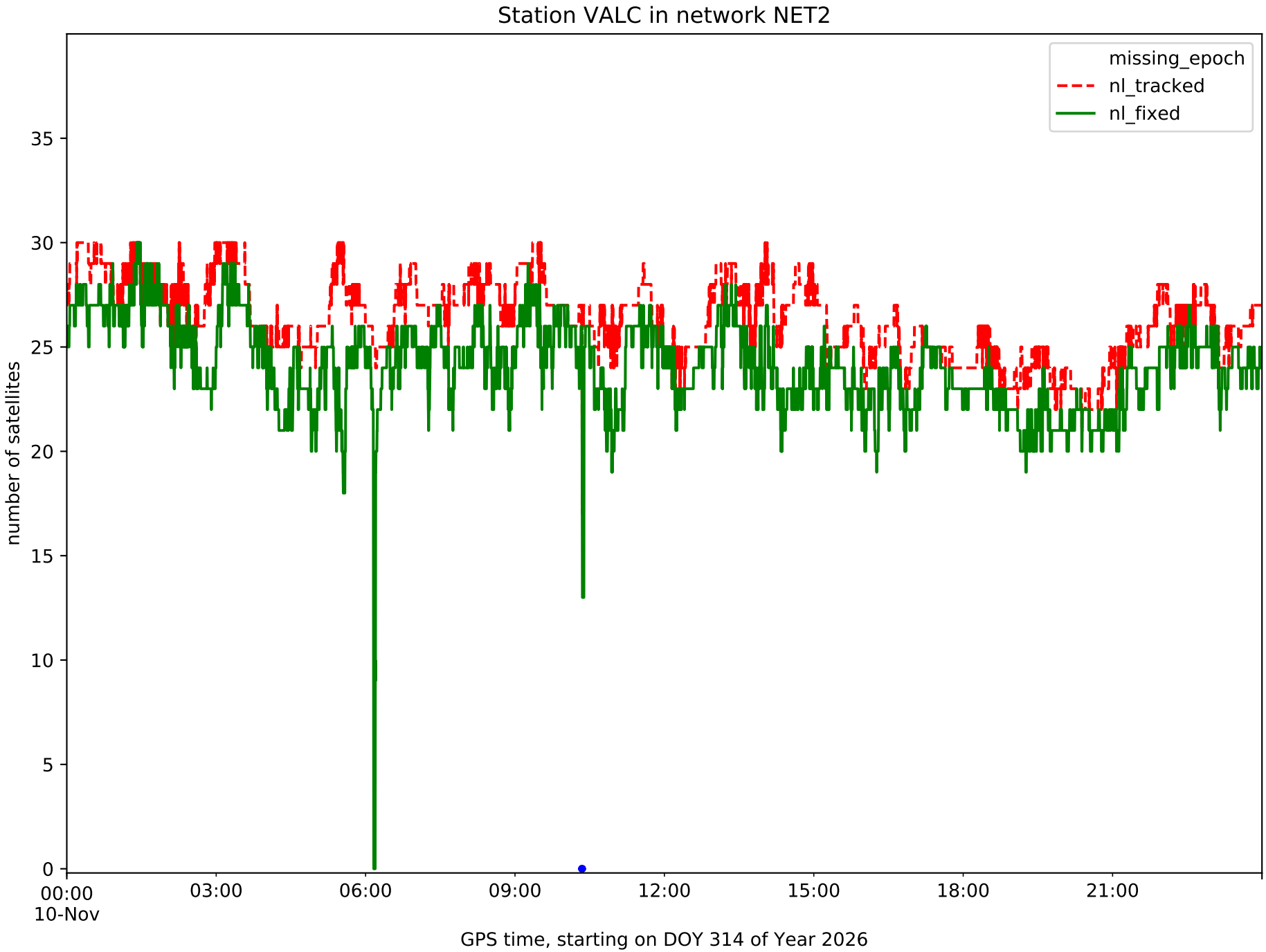

Station ONOR in network NET2
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

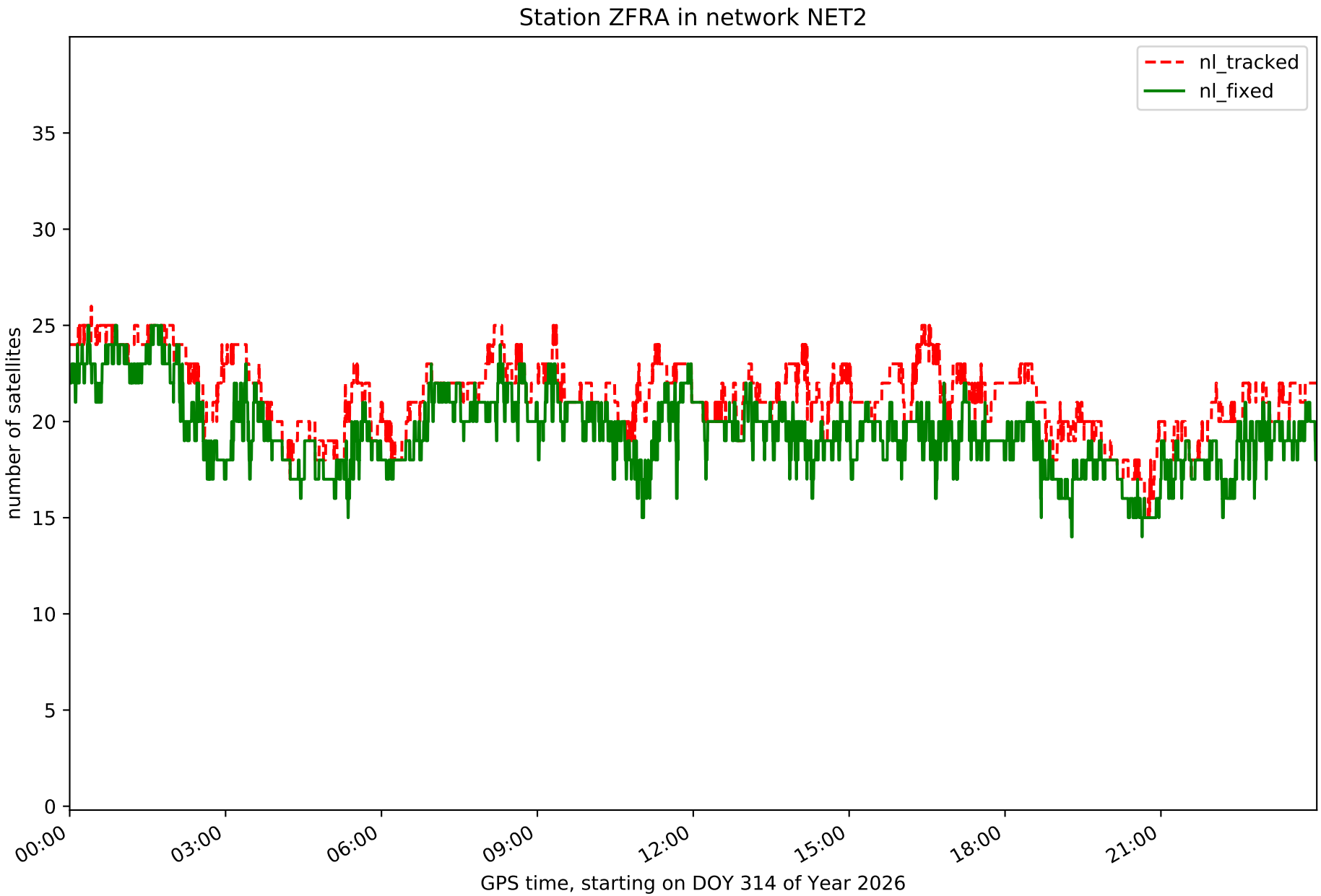

Station POZO in network NET2
number of satellites
0
5
10
15
20
25
30
35
missing_epoch
nl_tracked
nl_fixed
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

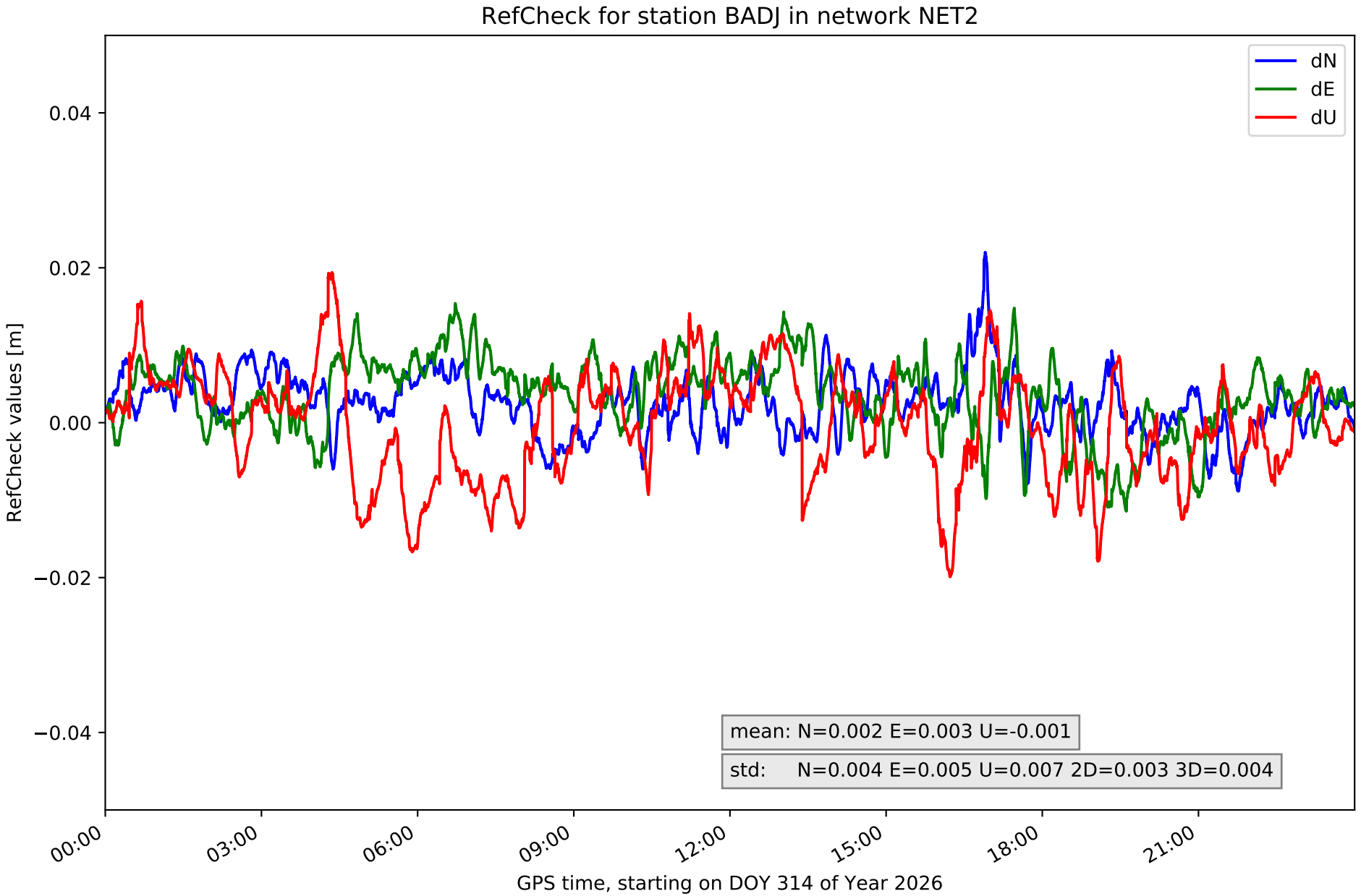

Station SPAB in network NET2
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

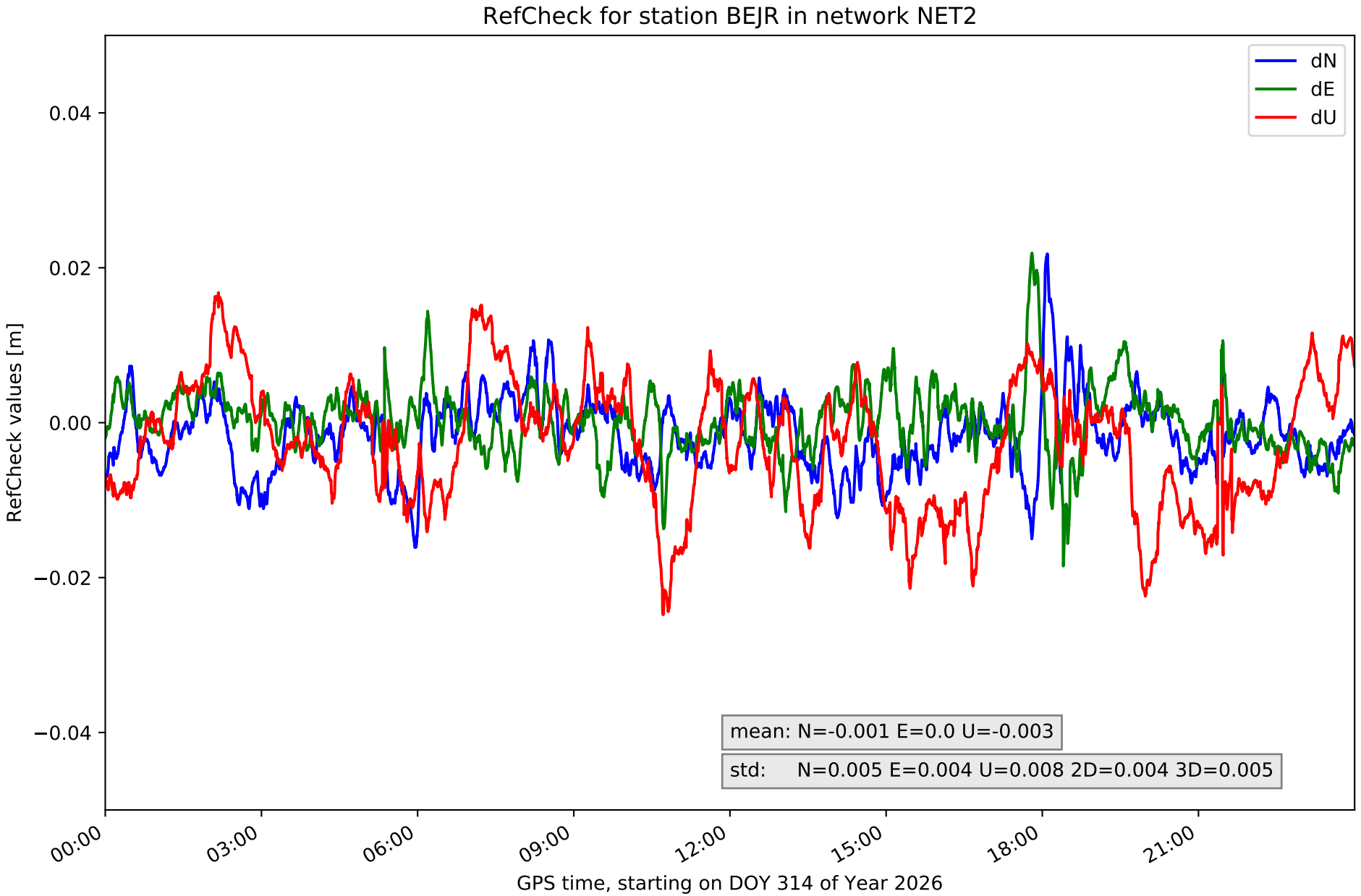

Station TALR in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

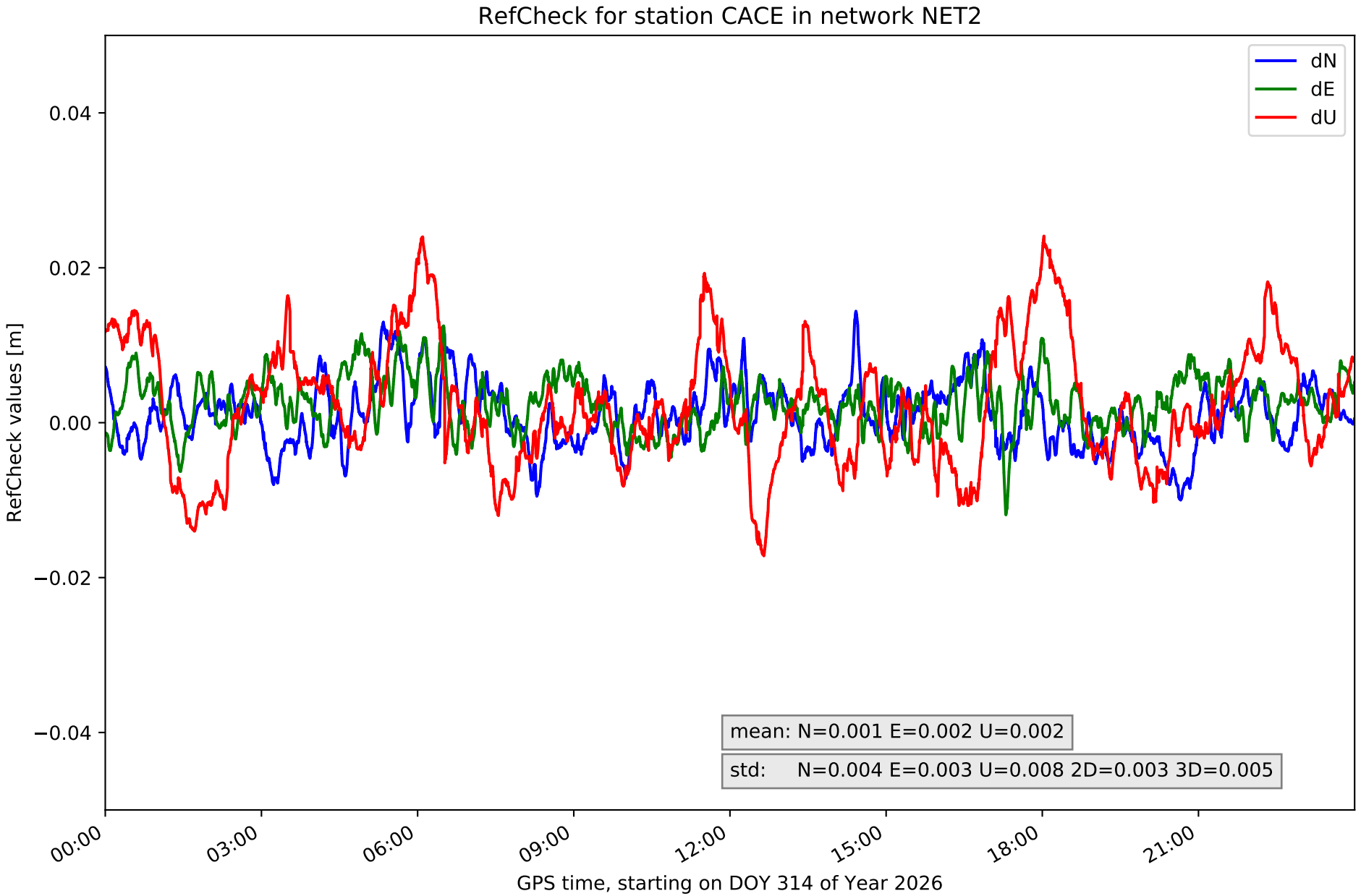

Station TRUJ in network NET2
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

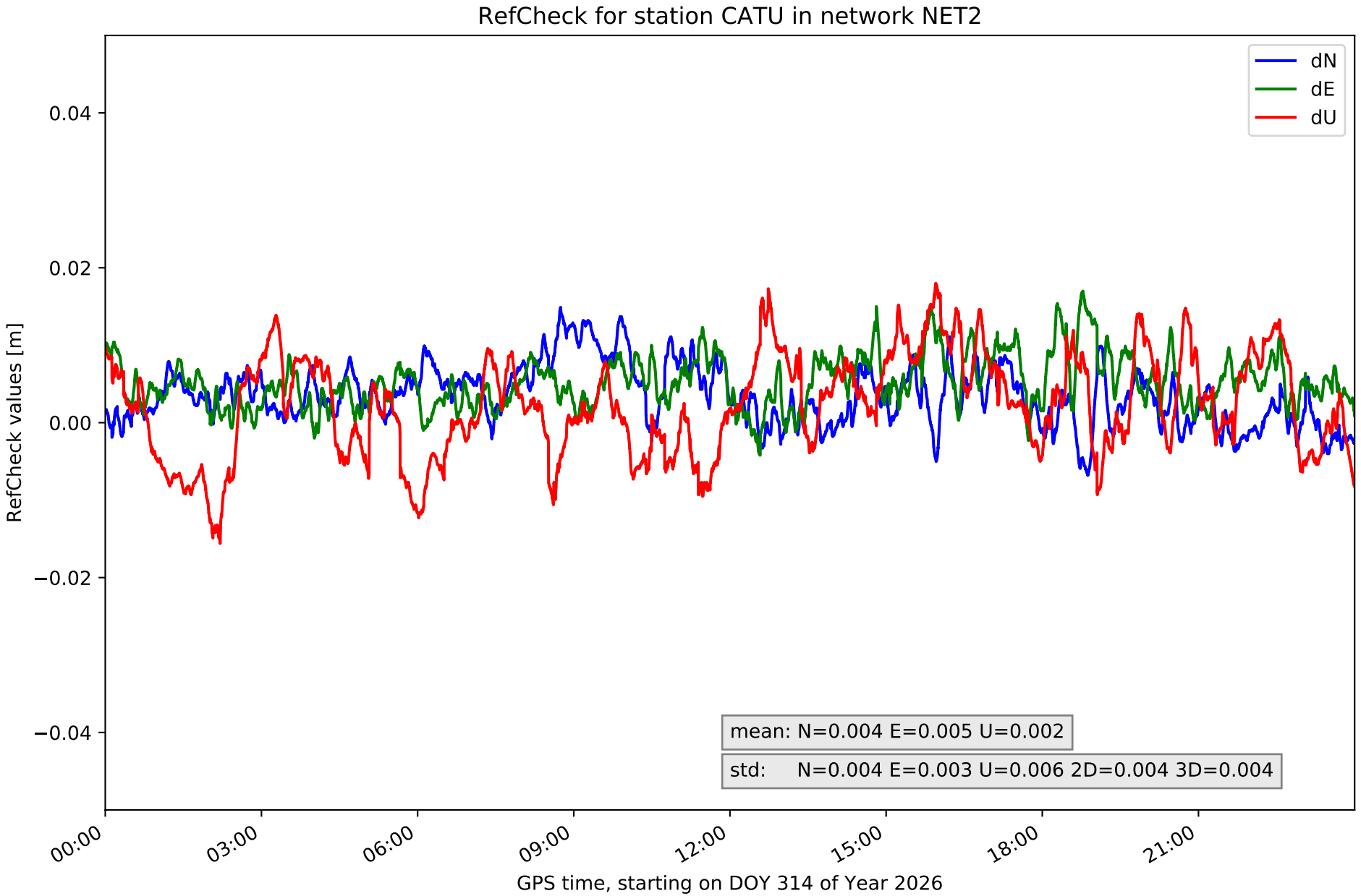

Station VALC in network NET2
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
10-Nov
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

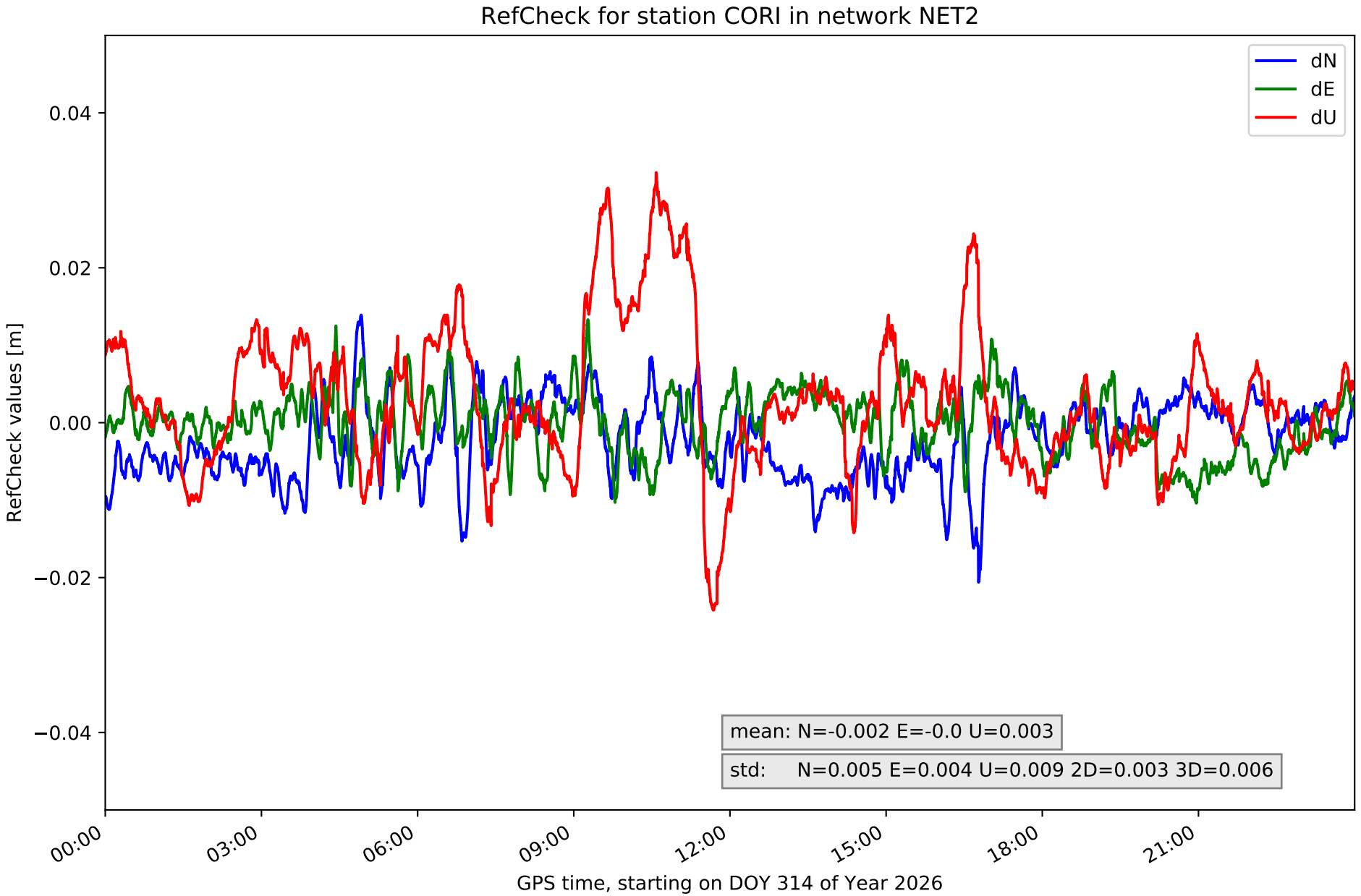

Station ZFRA in network NET2
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

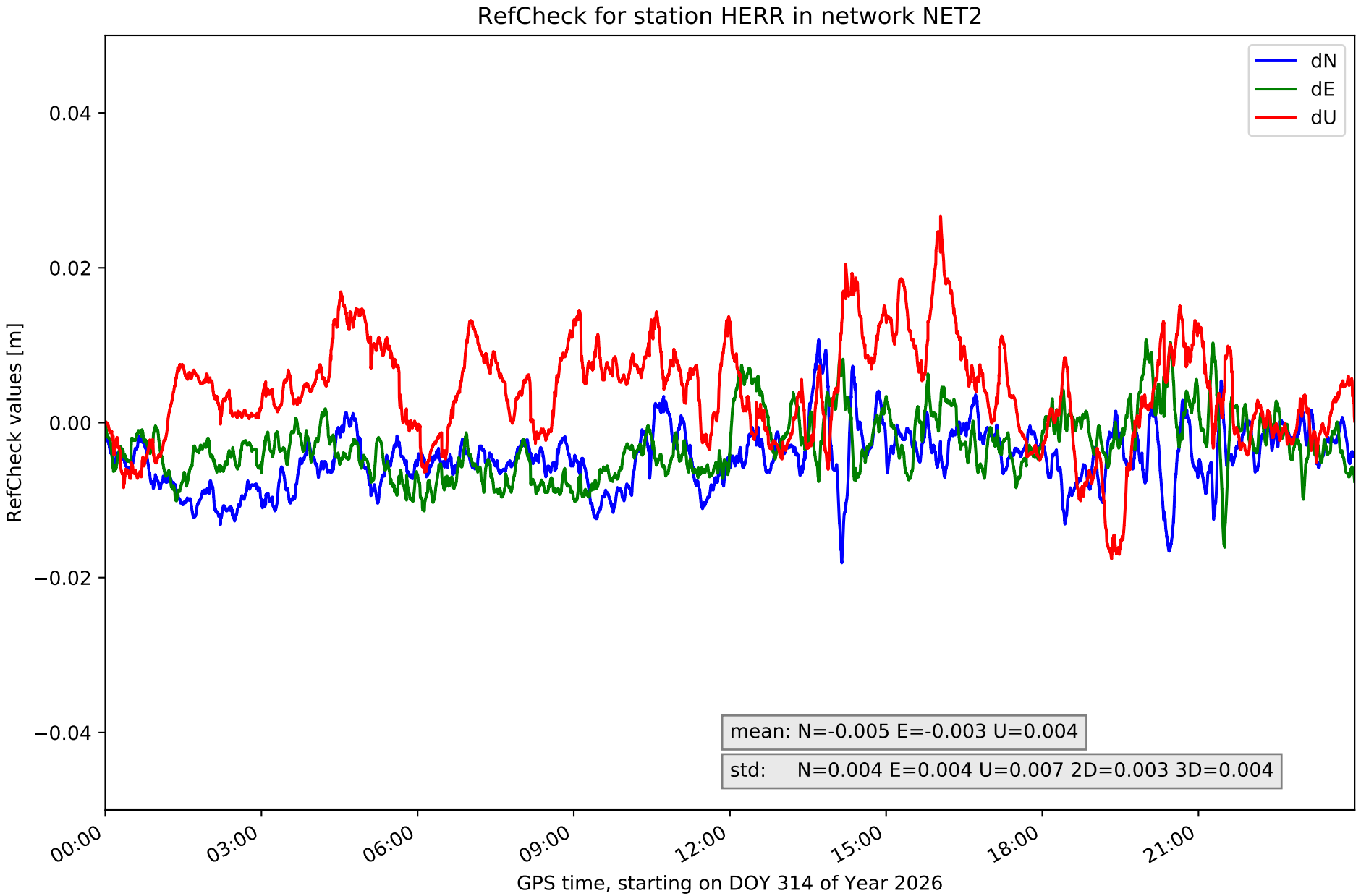

RefCheck for station BADJ in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.003 U=-0.001
std: N=0.004 E=0.005 U=0.007 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

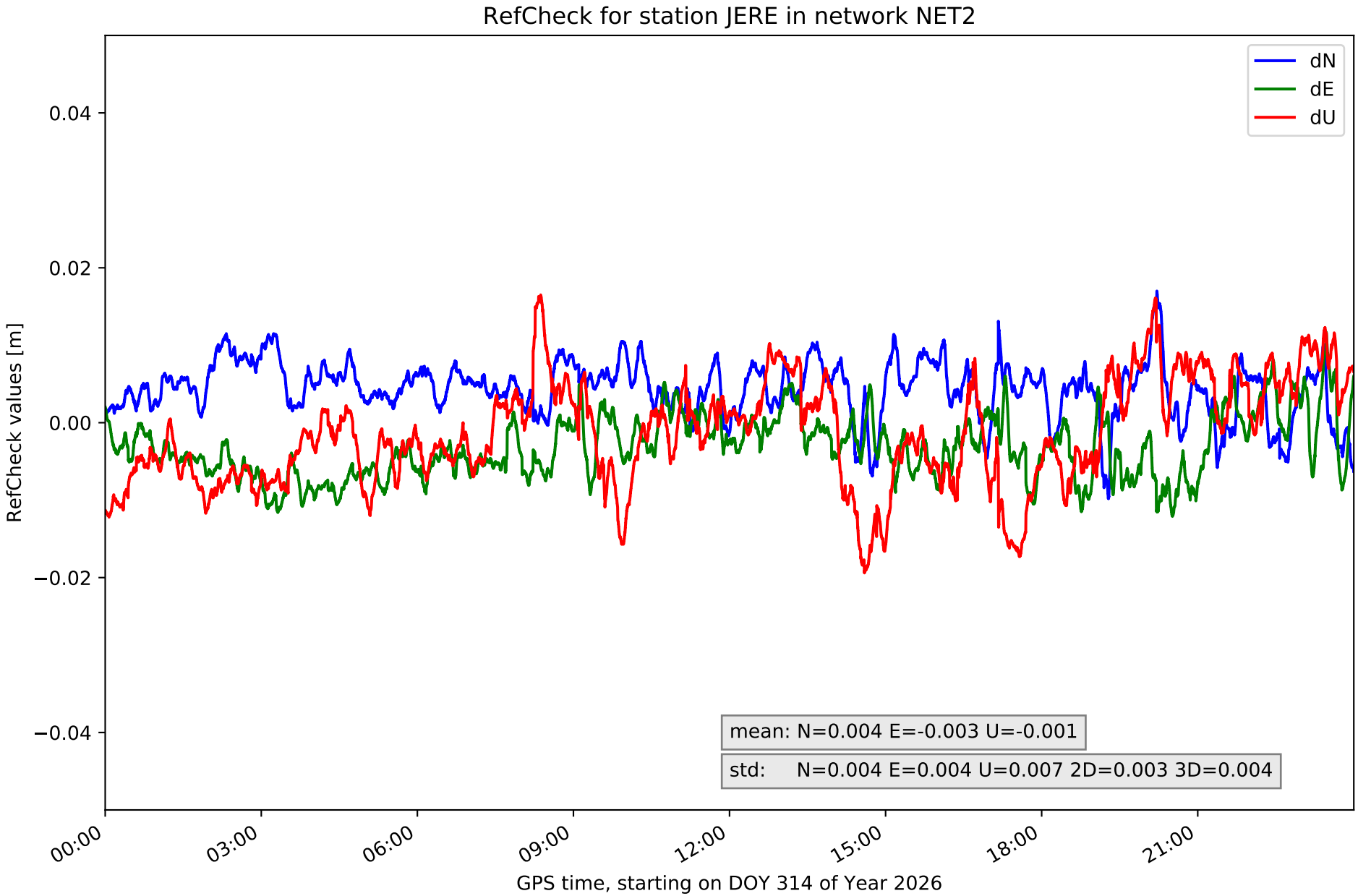

RefCheck for station BEJR in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=0.0 U=-0.003
std: N=0.005 E=0.004 U=0.008 2D=0.004 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

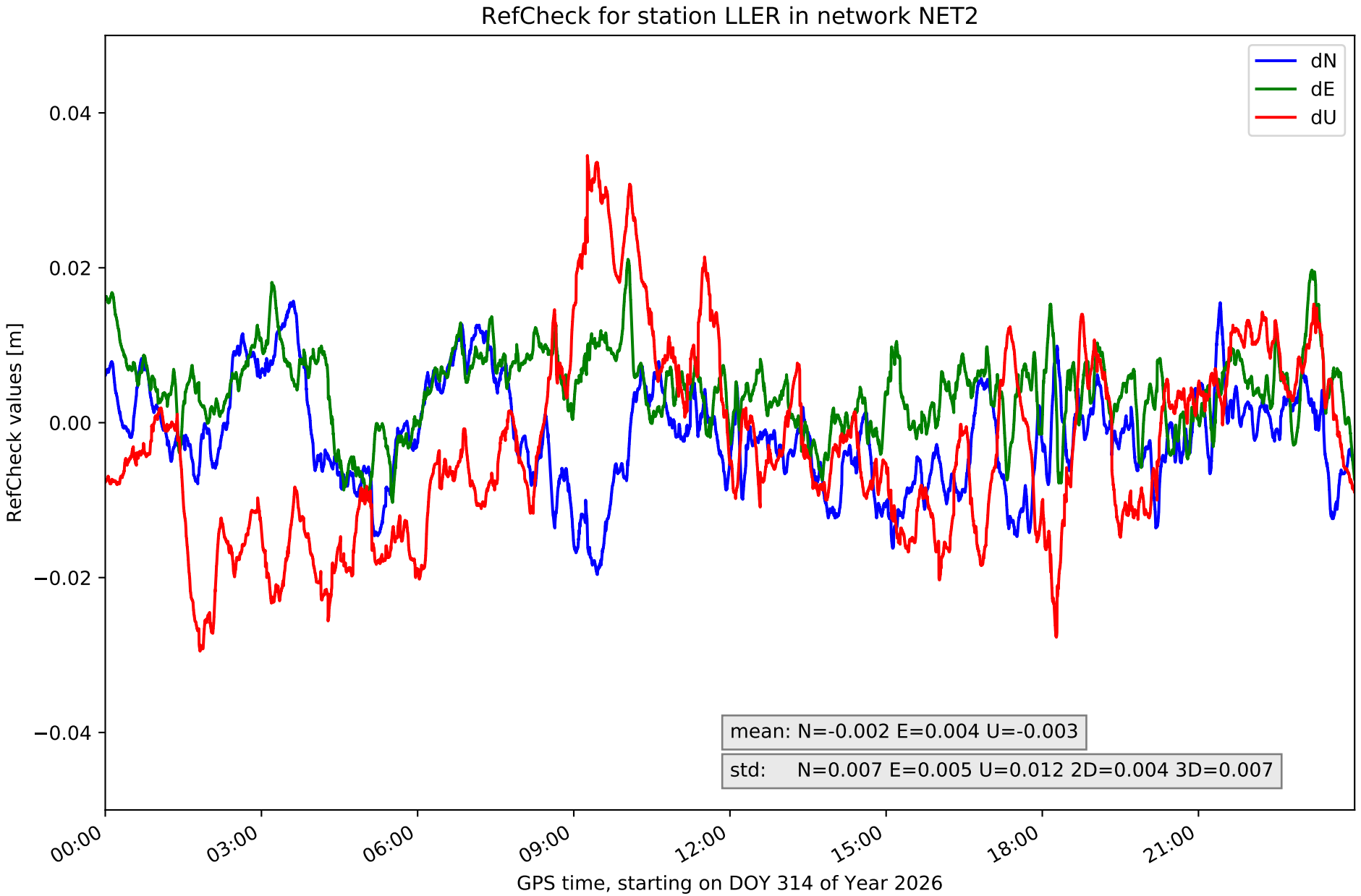

RefCheck for station CACE in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.002 U=0.002
std: N=0.004 E=0.003 U=0.008 2D=0.003 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

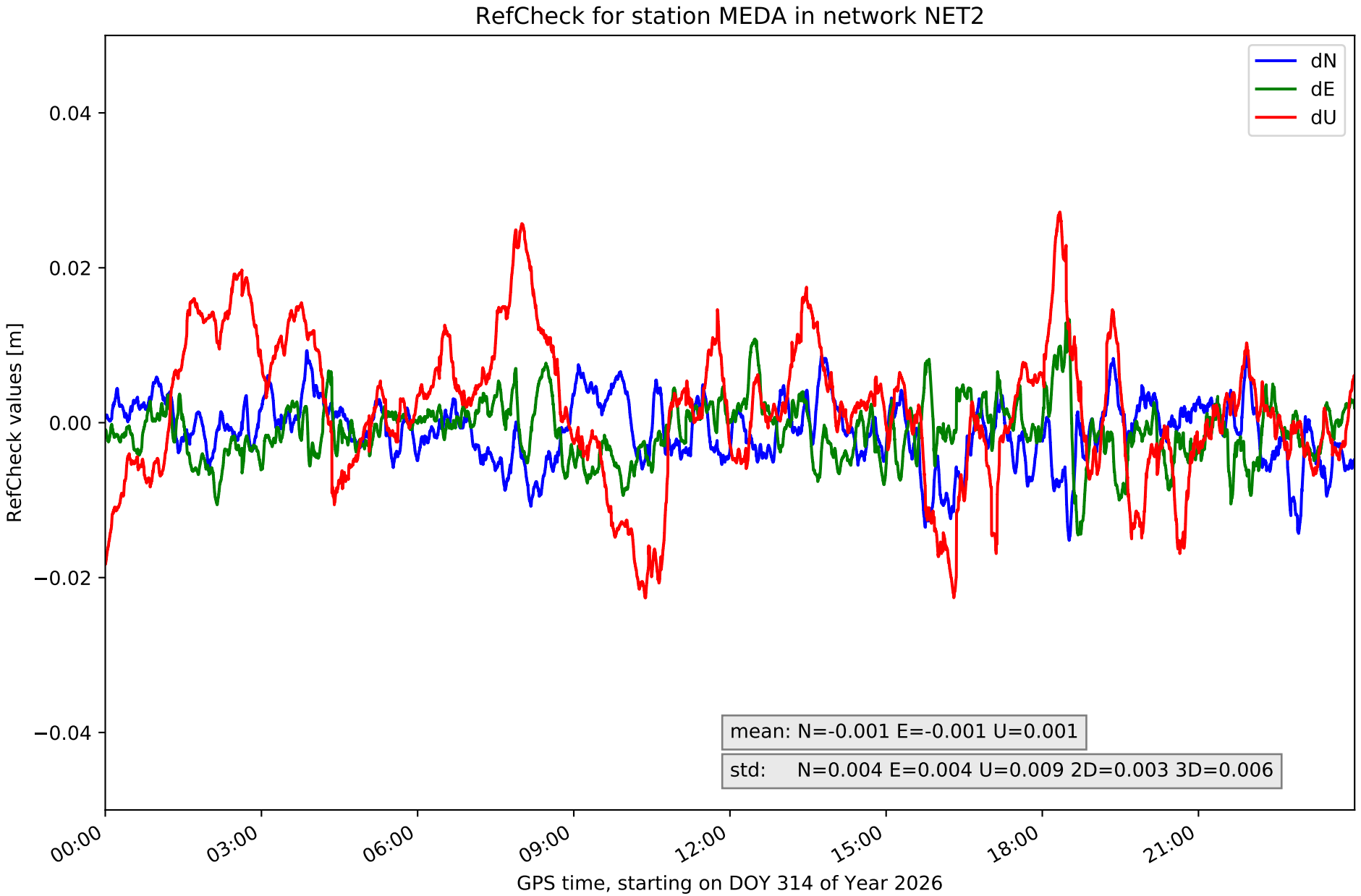

RefCheck for station CATU in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.004 E=0.005 U=0.002
std: N=0.004 E=0.003 U=0.006 2D=0.004 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

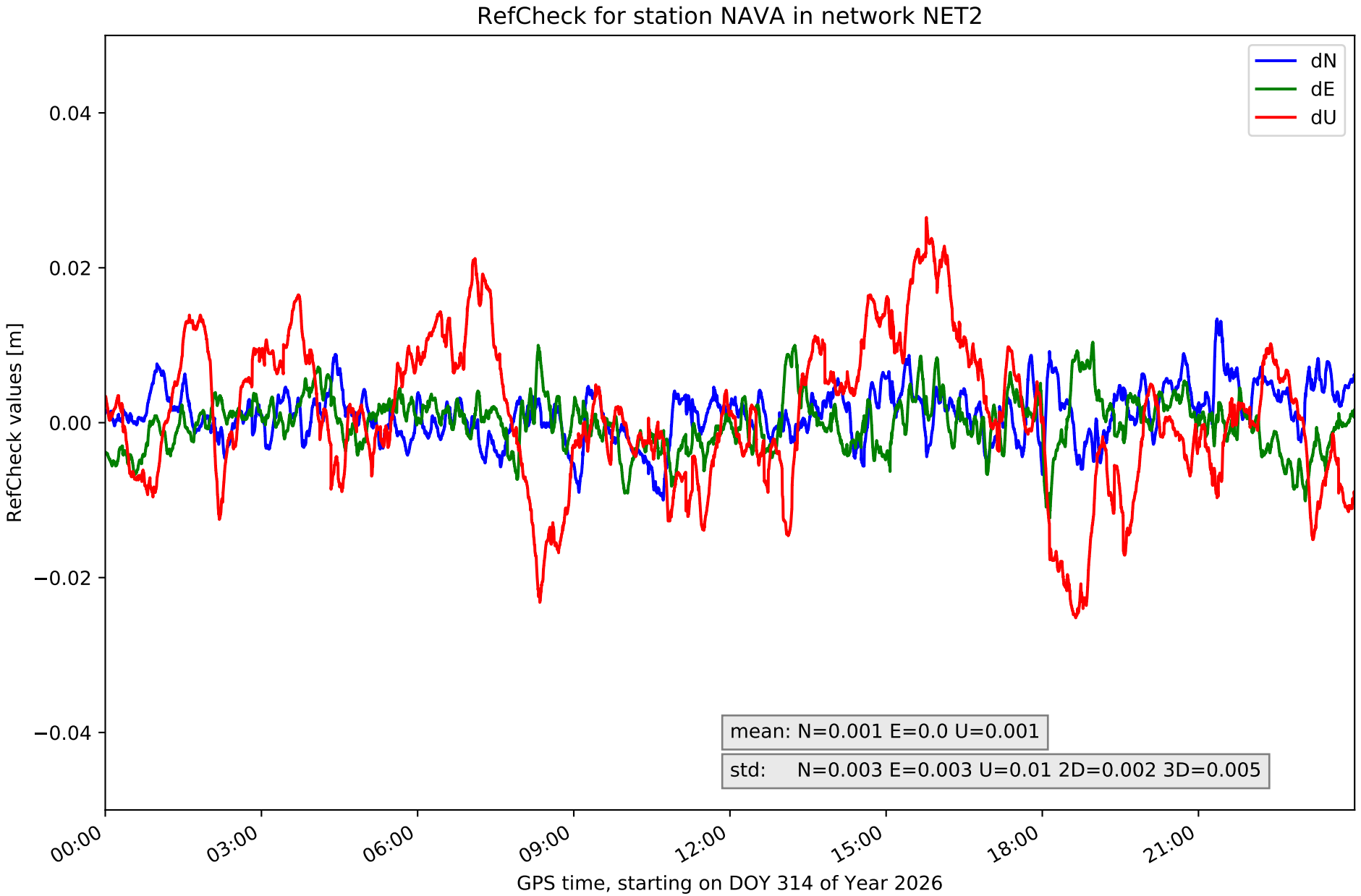

RefCheck for station CORI in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.0 U=0.003
std: N=0.005 E=0.004 U=0.009 2D=0.003 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

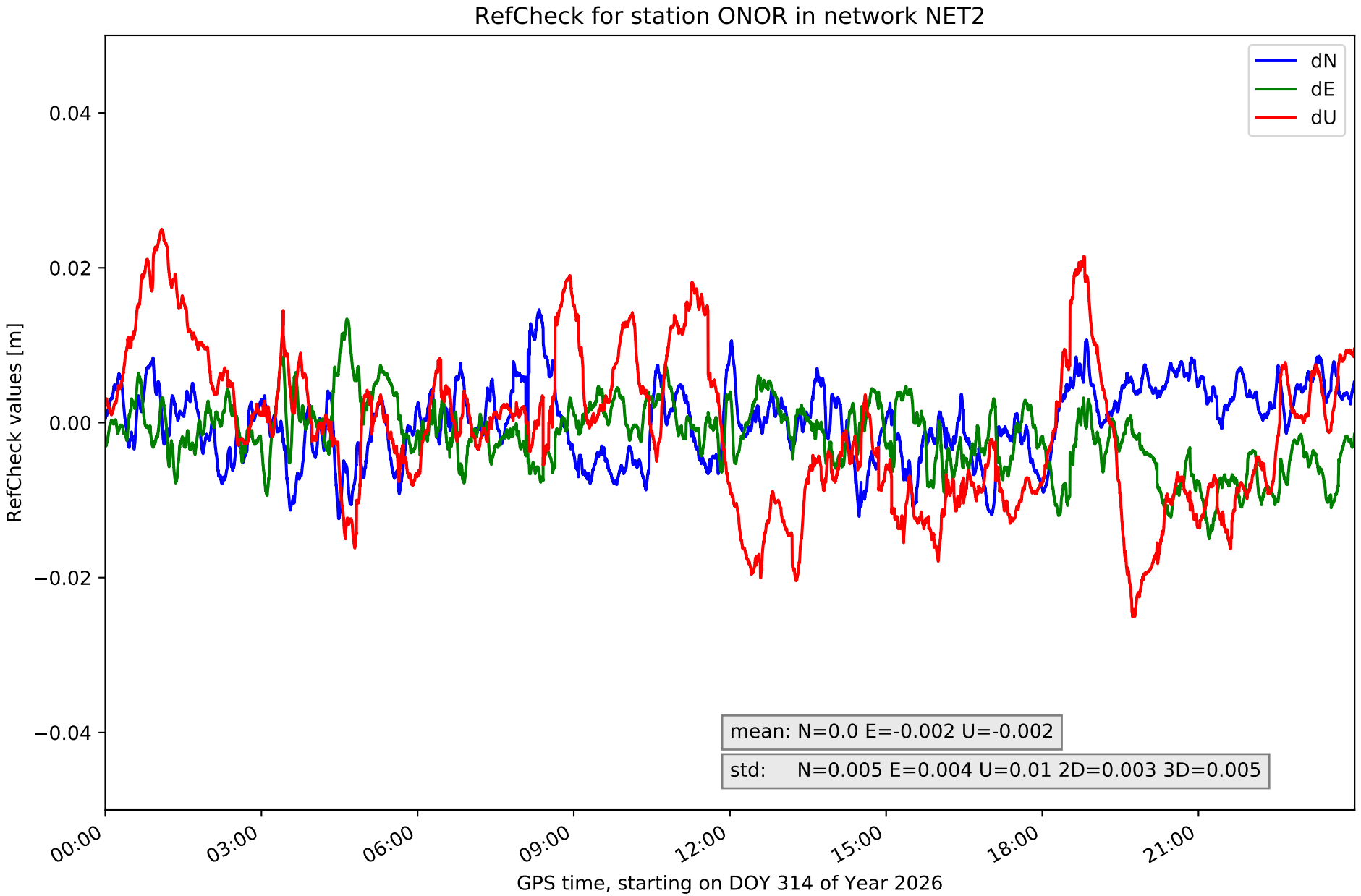

RefCheck for station HERR in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.005 E=-0.003 U=0.004
std: N=0.004 E=0.004 U=0.007 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

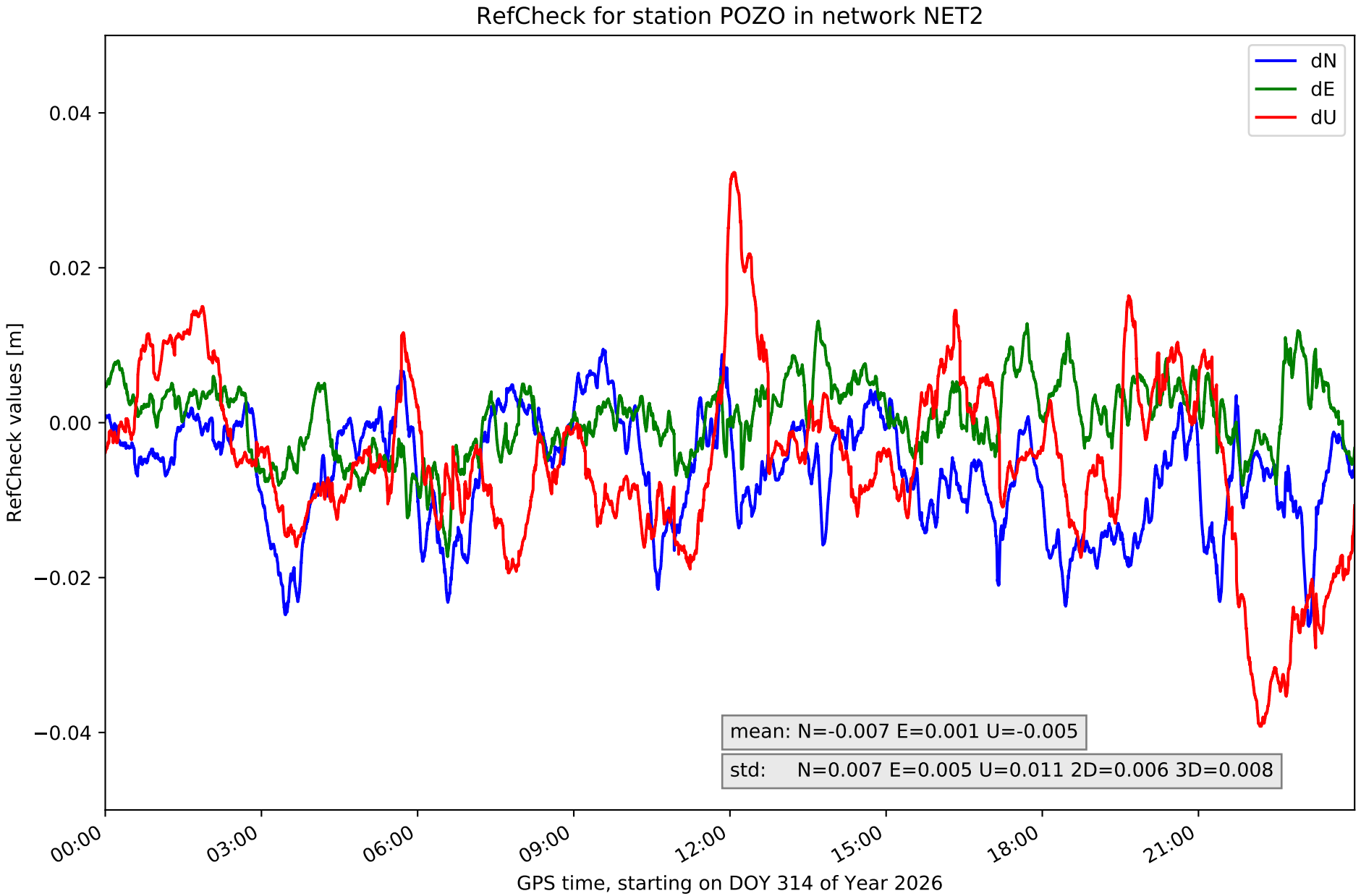

RefCheck for station JERE in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.004 E=-0.003 U=-0.001
std: N=0.004 E=0.004 U=0.007 2D=0.003 3D=0.004
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

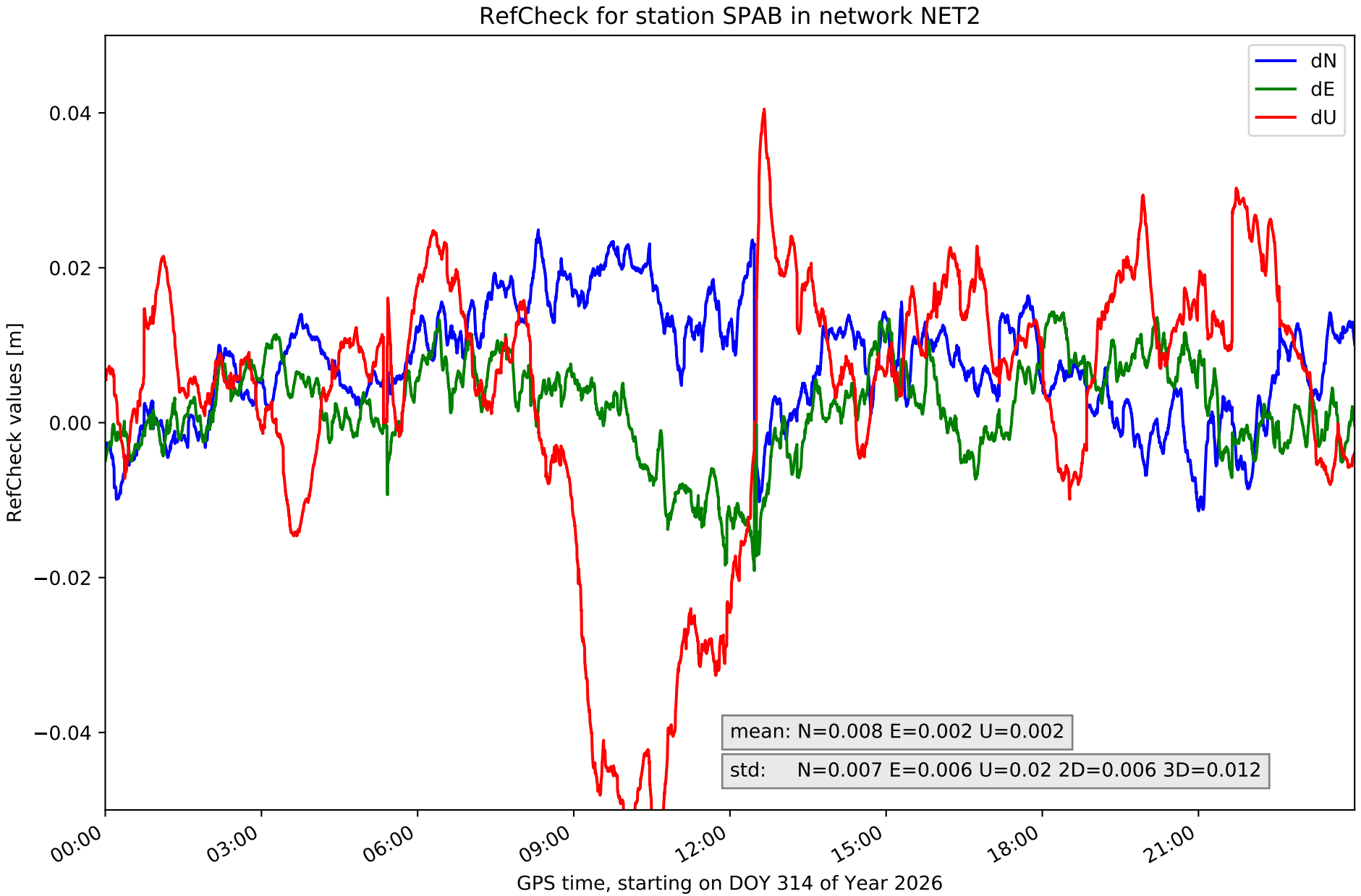

RefCheck for station LLER in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=0.004 U=-0.003
std: N=0.007 E=0.005 U=0.012 2D=0.004 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

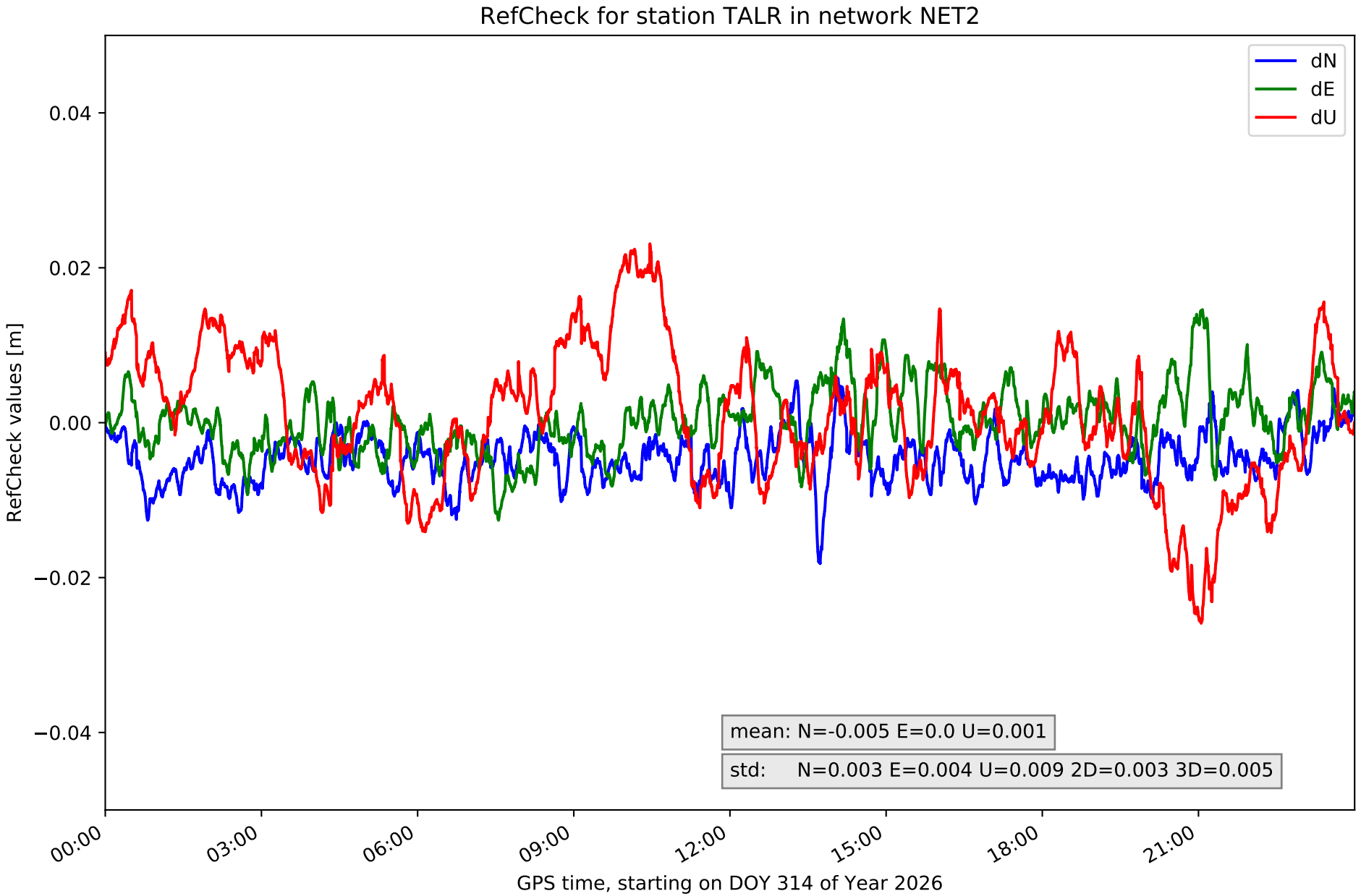

RefCheck for station MEDA in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=-0.001 U=0.001
std: N=0.004 E=0.004 U=0.009 2D=0.003 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

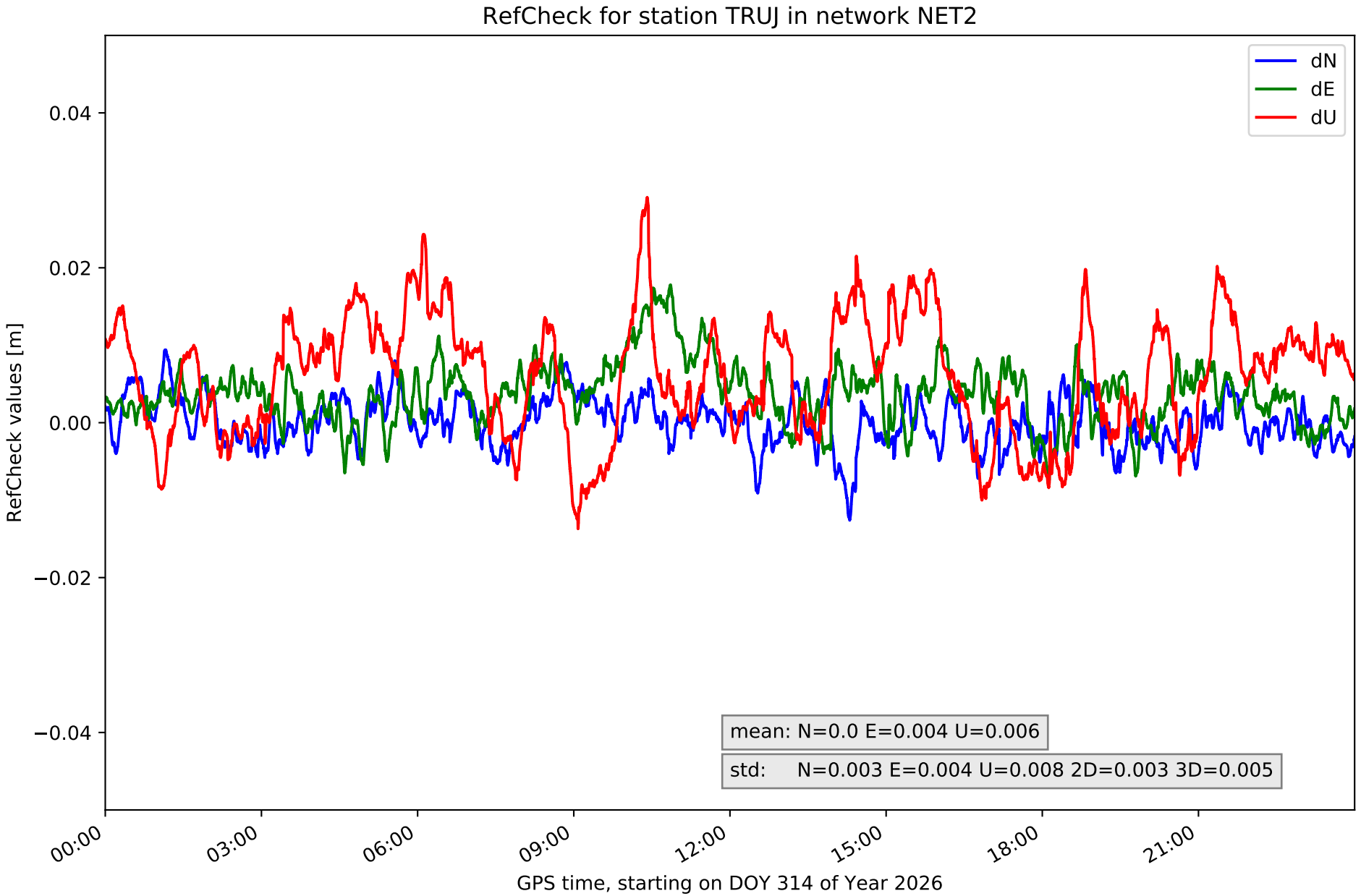

RefCheck for station NAVA in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.0 U=0.001
std: N=0.003 E=0.003 U=0.01 2D=0.002 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

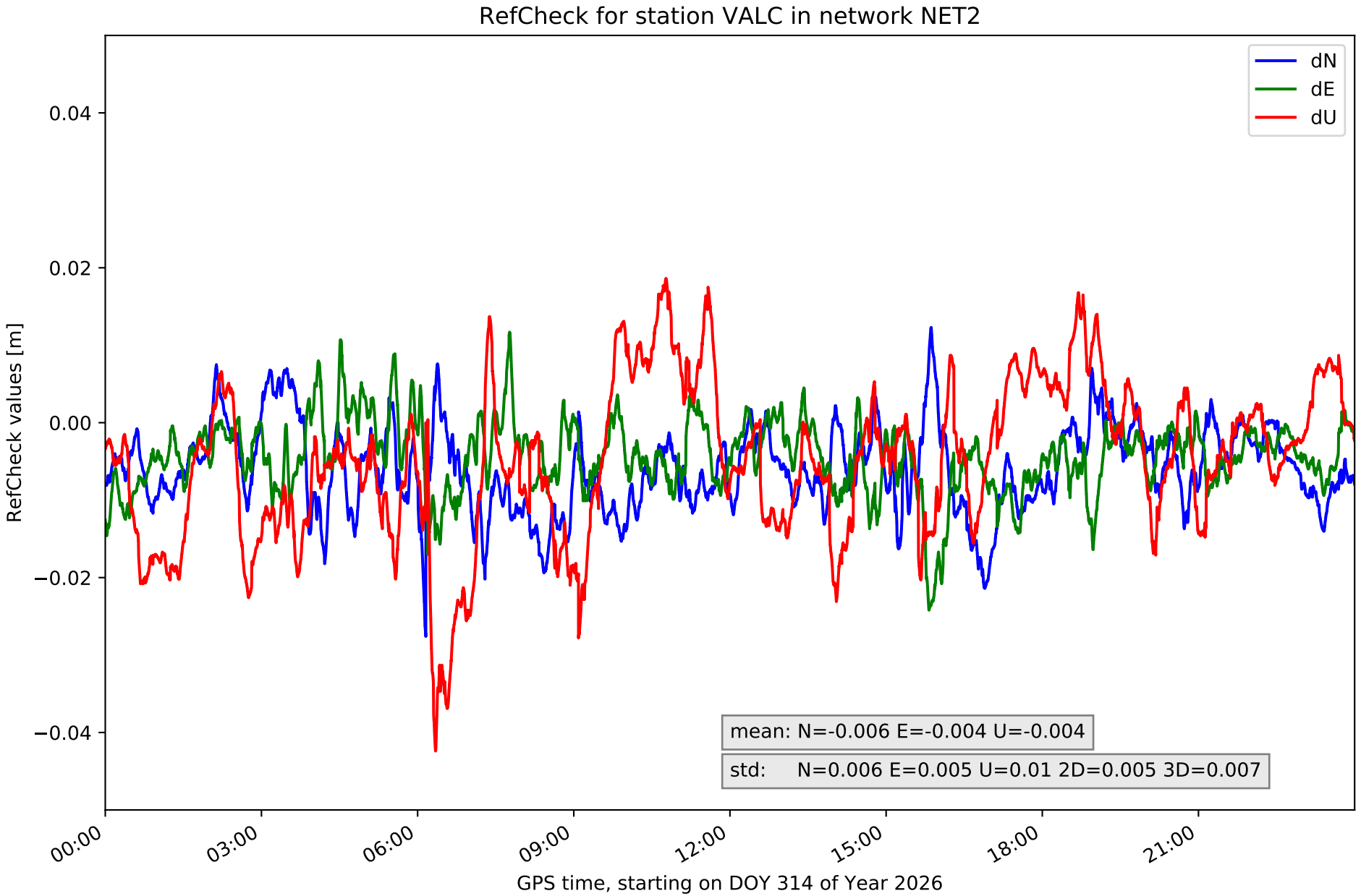

RefCheck for station ONOR in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=-0.002 U=-0.002
std: N=0.005 E=0.004 U=0.01 2D=0.003 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026

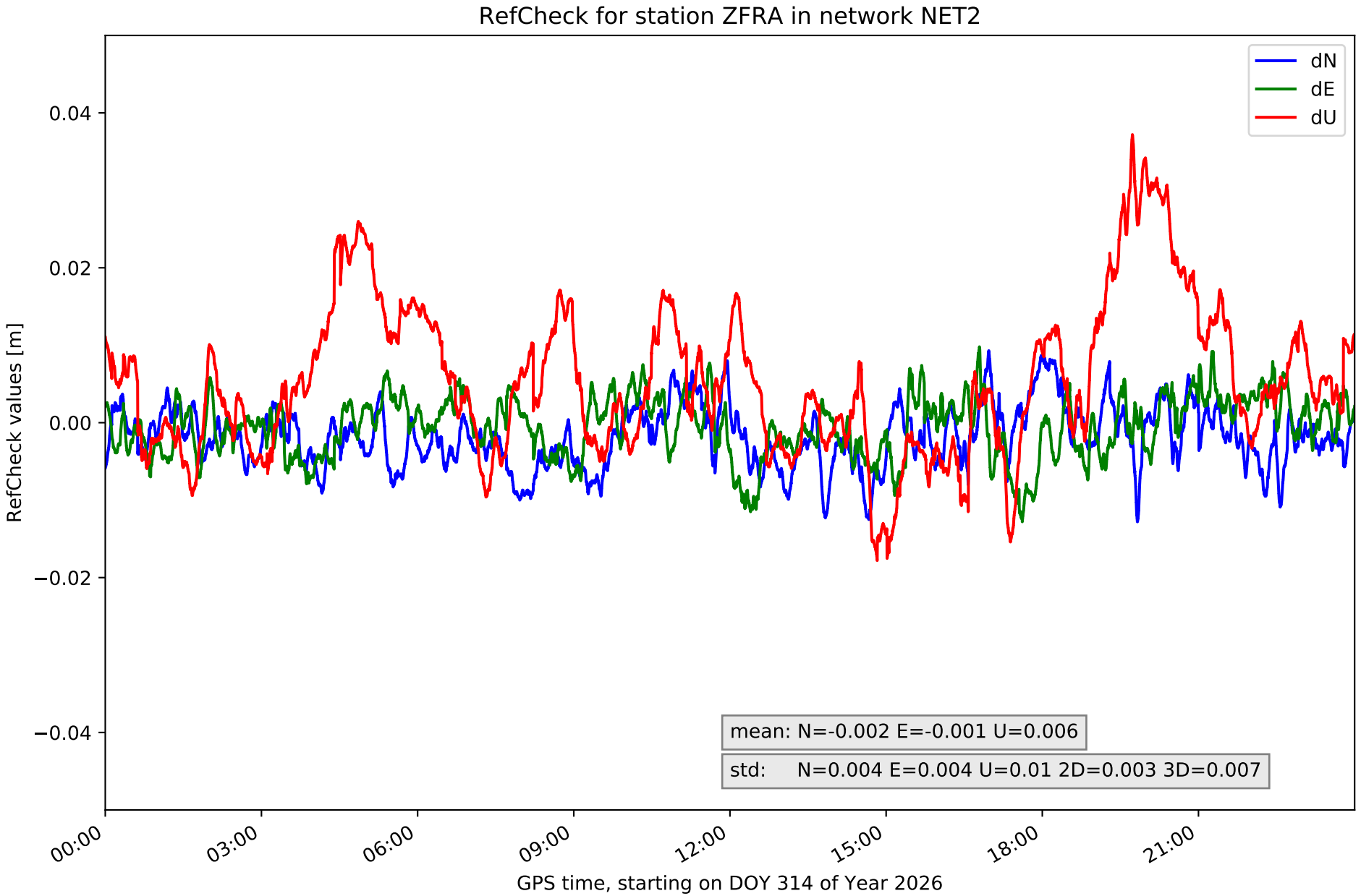

RefCheck for station POZO in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.007 E=0.001 U=-0.005
std: N=0.007 E=0.005 U=0.011 2D=0.006 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026


RefCheck for station SPAB in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.008 E=0.002 U=0.002
std: N=0.007 E=0.006 U=0.02 2D=0.006 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 314 of Year 2026


RefCheck for station TALR in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.005 E=0.0 U=0.001
std: N=0.003 E=0.004 U=0.009 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 314 of Year 2026


RefCheck for station TRUJ in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.0 E=0.004 U=0.006
std: N=0.003 E=0.004 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 314 of Year 2026


RefCheck for station VALC in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.006 E=-0.004 U=-0.004
std: N=0.006 E=0.005 U=0.01 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 314 of Year 2026


RefCheck for station ZFRA in network NET2
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.001 U=0.006
std: N=0.004 E=0.004 U=0.01 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 314 of Year 2026

RefCheck values for network NET2

Station	Nmin	Nmax	Nstd	Emin	Emax	Estd	Umin	Umax	Ustd	std2D	std3D	#2D > 0.01	% 2D > 0.01	#3D > 0.02	% 3D > 0.02
BADJ	-0.009	0.022	0.004	-0.011	0.015	0.005	-0.02	0.019	0.007	0.003	0.004	9852	15.9	573	0.9
BEJR	-0.016	0.022	0.005	-0.018	**0.022**	0.004	-0.025	0.017	0.008	0.004	0.005	5523	8.9	2352	3.8
CACE	-0.01	0.014	0.004	-0.012	0.013	0.003	-0.017	0.024	0.008	0.003	0.005	4570	7.4	1864	3.0
CATU	-0.007	0.015	0.004	-0.004	0.017	0.003	-0.016	0.018	0.006	0.004	0.004	15483	24.9	478	0.8
CORI	-0.021	0.014	0.005	-0.01	0.013	0.004	-0.024	0.032	0.009	0.003	0.006	5473	8.8	5816	9.4
HERR	-0.018	0.011	0.004	-0.016	0.011	0.004	-0.018	0.027	0.007	0.003	0.004	12780	20.6	1131	1.8
JERE	-0.01	0.017	0.004	-0.012	0.012	0.004	-0.019	0.017	0.007	0.003	0.004	10660	17.2	542	0.9
LLER	-0.02	0.016	**0.007**	-0.01	0.021	0.005	-0.029	0.035	0.012	0.004	0.007	21096	34.0	11420	18.4
MEDA	-0.015	0.009	0.004	-0.015	0.013	0.004	-0.023	0.027	0.009	0.003	0.006	4438	7.2	3169	5.1
NAVA	-0.01	0.013	0.003	-0.012	0.01	0.003	-0.025	0.026	0.01	0.002	0.005	1377	2.2	3999	6.4
ONOR	-0.012	0.015	0.005	-0.015	0.013	0.004	-0.025	0.025	0.01	0.003	0.005	7855	12.7	3360	5.4
POZO	-0.026	0.009	**0.007**	-0.017	0.013	0.005	-0.039	0.032	0.011	**0.006**	0.008	23238	37.4	12527	20.2
SPAB	-0.011	**0.025**	**0.007**	-0.019	0.014	**0.006**	**-0.054**	**0.041**	**0.02**	**0.006**	**0.012**	**35193**	**56.7**	**24033**	**38.7**
TALR	-0.018	0.006	0.003	-0.013	0.015	0.004	-0.026	0.023	0.009	0.003	0.005	5705	9.2	3745	6.0
TRUJ	-0.013	0.009	0.003	-0.007	0.018	0.004	-0.014	0.029	0.008	0.003	0.005	5781	9.3	2008	3.2
VALC	**-0.028**	0.012	0.006	**-0.024**	0.012	0.005	-0.042	0.019	0.01	0.005	0.007	26161	42.2	9317	15.0
ZFRA	-0.013	0.009	0.004	-0.013	0.01	0.004	-0.018	0.037	0.01	0.003	0.007	2816	4.5	6463	10.4
Mean	**-0.015**	**0.014**	**0.005**	**-0.013**	**0.014**	**0.004**	**-0.026**	**0.026**	**0.009**	**0.004**	**0.006**	**11647.1**	**18.8**	**5458.6**	**8.8**
Min/Max	**-0.028**	**0.025**	**0.007**	**-0.024**	**0.022**	**0.006**	**-0.054**	**0.041**	**0.02**	**0.006**	**0.012**	**35193**	**56.7**	**24033**	**38.7**

fixing statistic for network NET2

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	93.9	95.2	93.1	94.8	92.0
considering satellites with dual-frequency fixed	91.4	92.3	90.1	92.4	90.1
considering all signals separately	91.5	92.6	90.2	92.7	88.8