summary for network NT15

timeperiod chosen: from 2026-11-12-00:00:00 until 2026-11-12-23:59:58

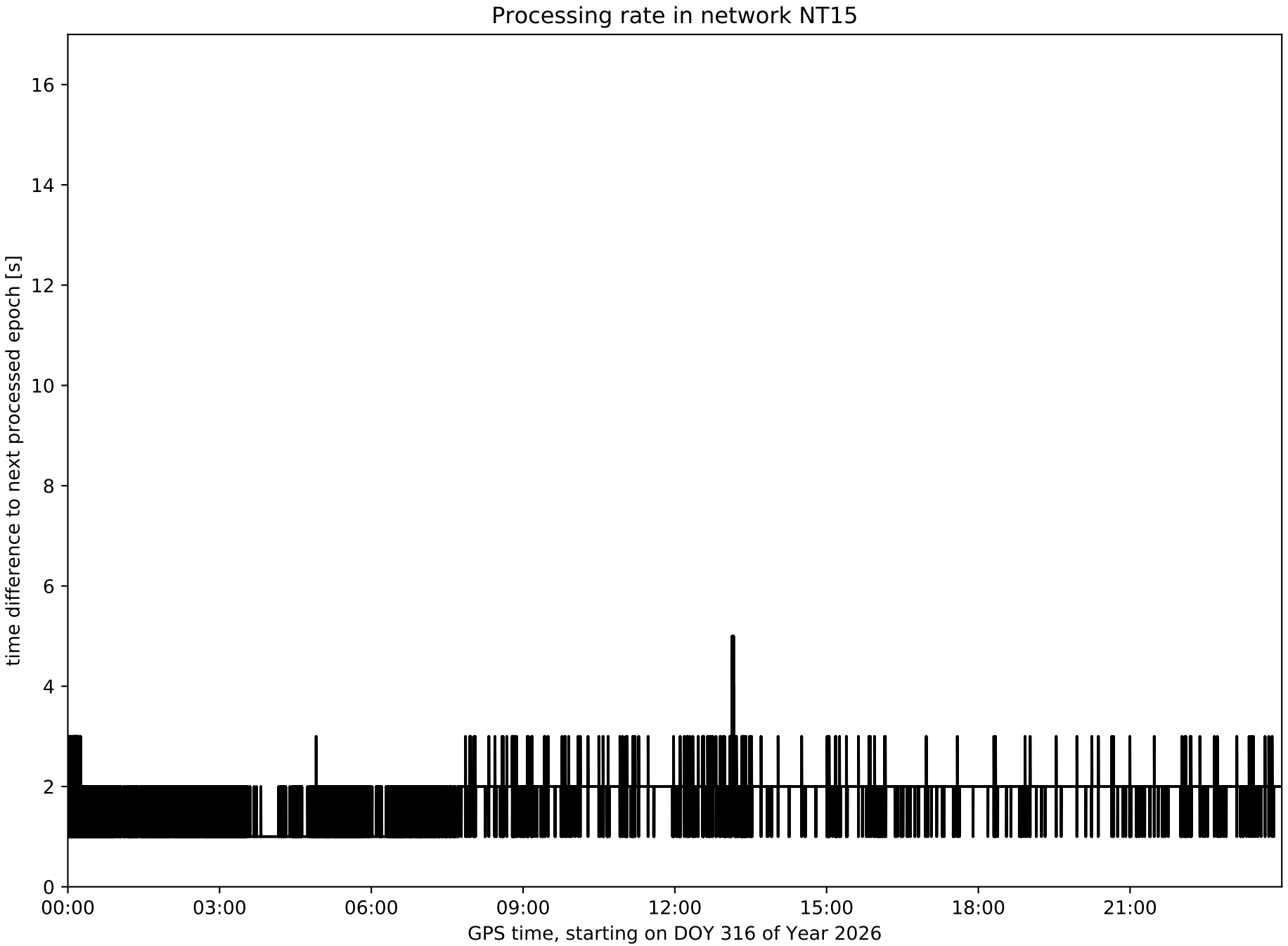
average update rate (durations larger than 15 seconds considered as observation gap): 1.6 seconds

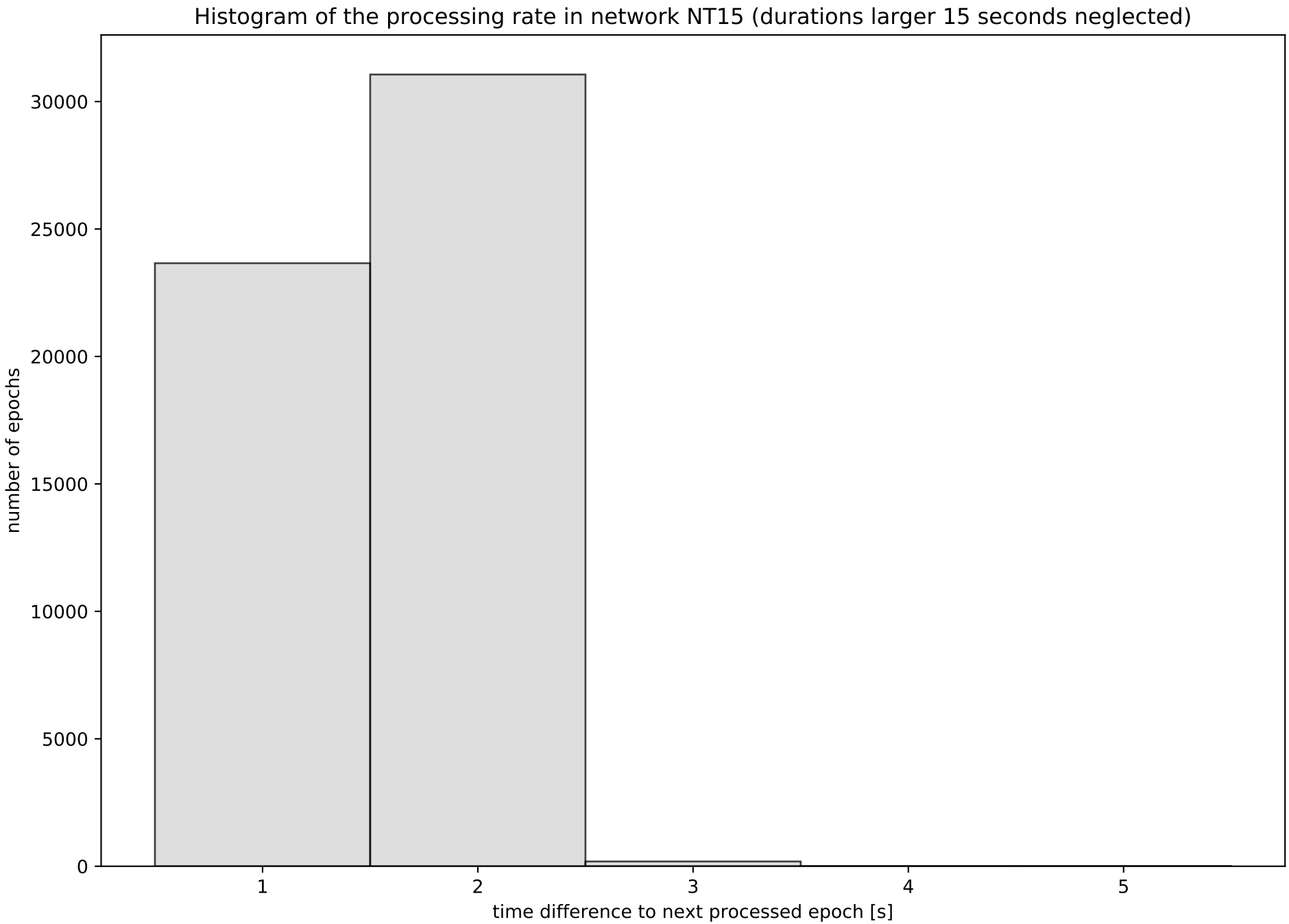
average fixing percentage with threshold set to 0.3: 93.1 percent

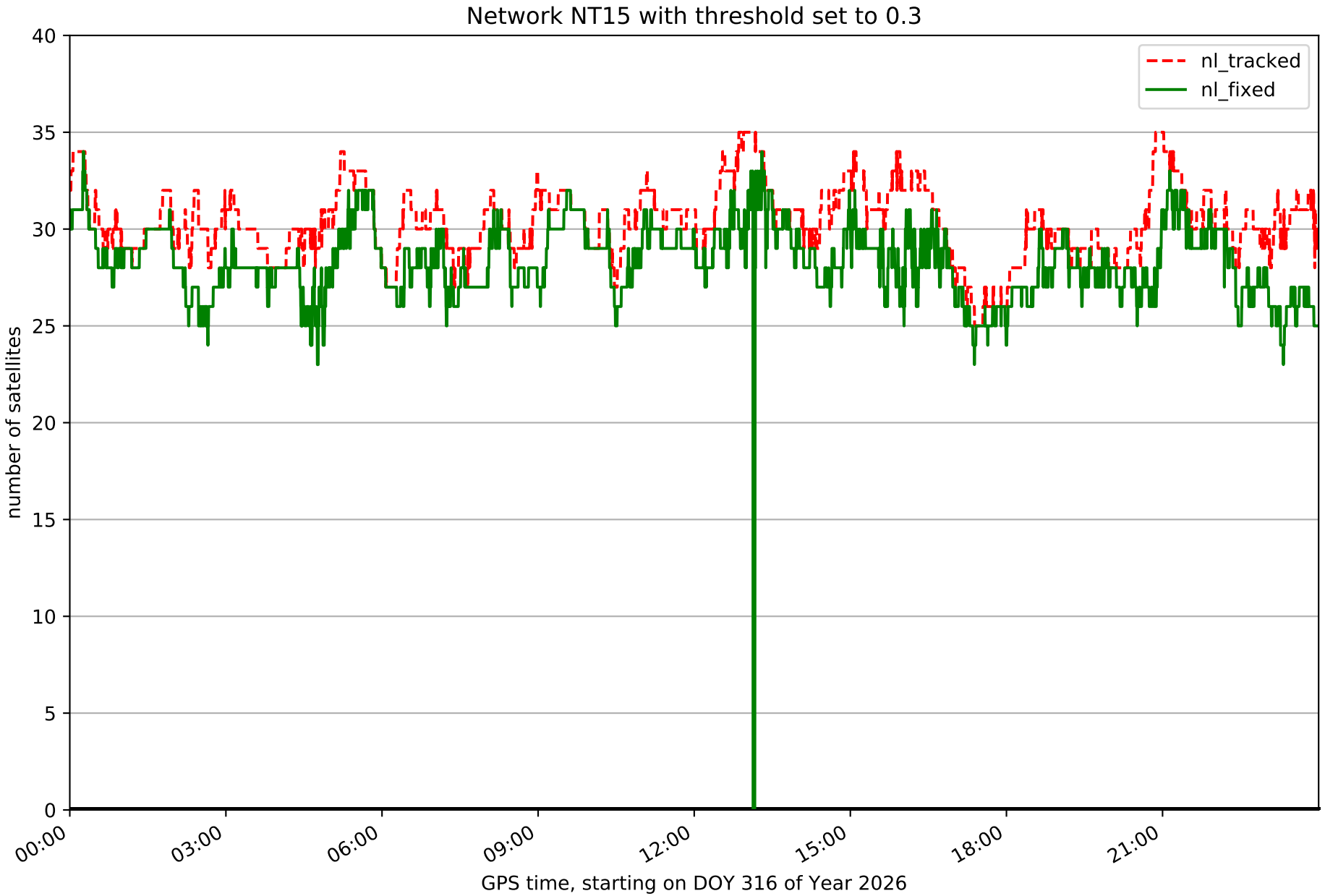
stations available: 16 of 16

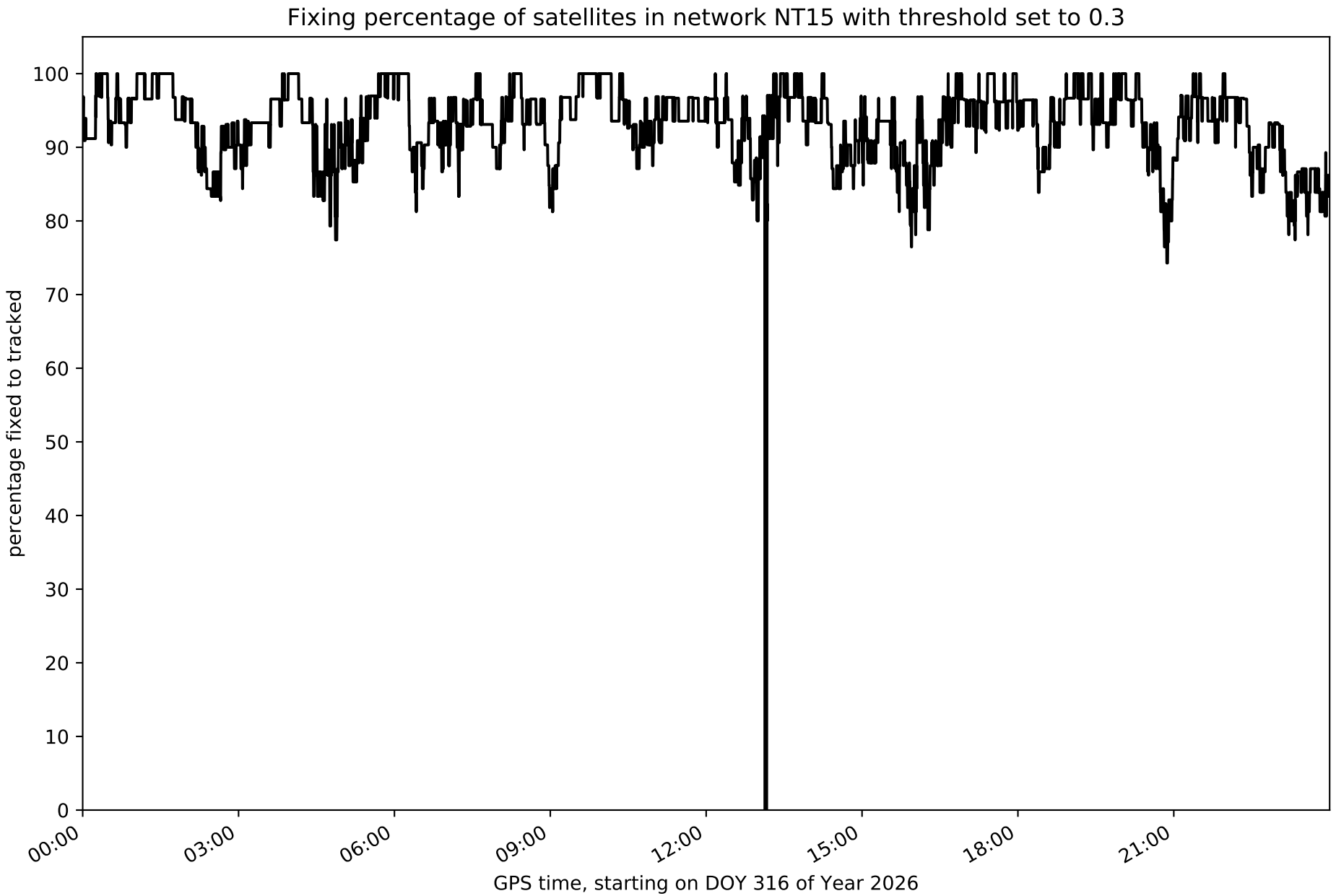
station information:

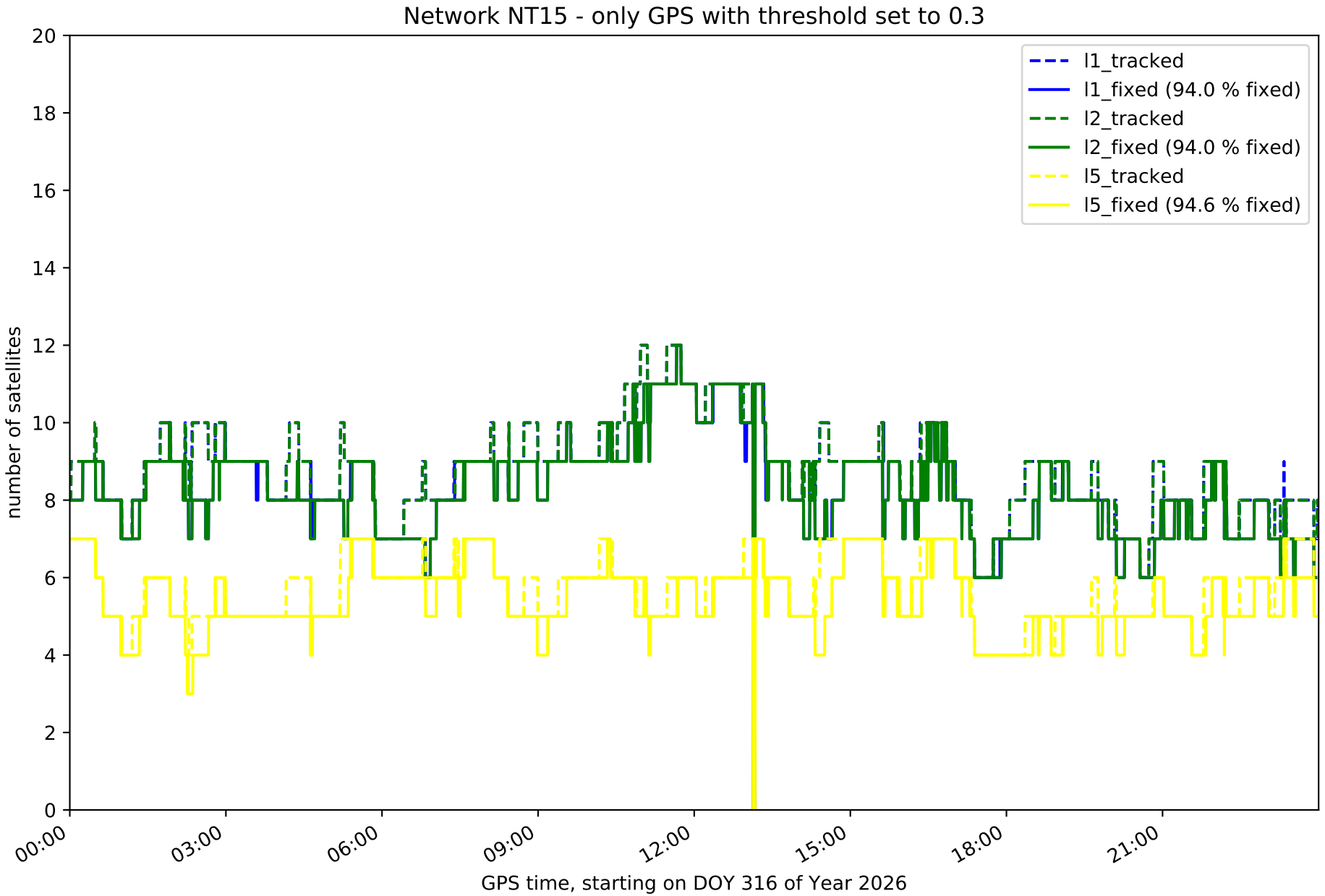
station ACIN:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 1178.467
station AGRD:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 1010.817
station AJAL:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 884.142
station ALC1:	antenna: TRM57971.00	TZGD	receiver: TRIMBLE NETR9	height: 397.678
station ALIA:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 1169.271
station ARAS:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 1325.84
station BERG:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR30	height: 892.809
station CALA:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 942.218
station CATY:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR10	height: 597.715
station CRNA:	antenna: GPPNULLANTENNA	NONE	receiver: TPS NET-G3A	height: 649.422
station JADR:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 943.791
station MOLI:	antenna: LEIAR20	LEIM	receiver: LEICA GR25	height: 1119.434
station MUNI:	antenna: GPPNULLANTENNA	NONE	receiver: TPS NET-G3	height: 854.935
station QNTO:	antenna: GPPNULLANTENNA	NONE	receiver: LEICA GR50	height: 216.734
station TERU:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 956.219
station YEBE:	antenna: LEIAR20	LEIM	receiver: LEICA GR50	height: 972.811

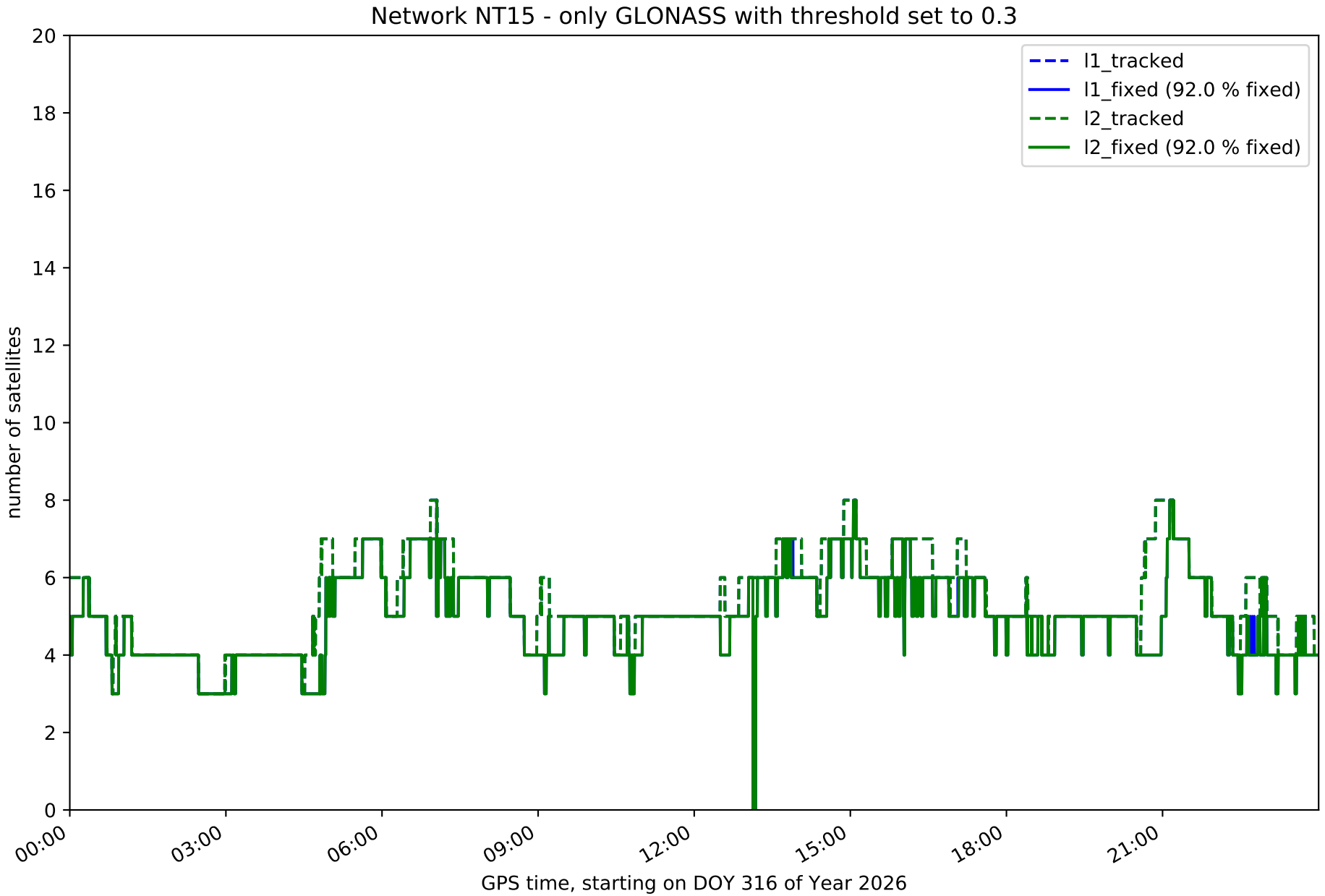

Processing rate in network NT15
time difference to next processed epoch [s]
0
2
4
6
8
10
12
14
16
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

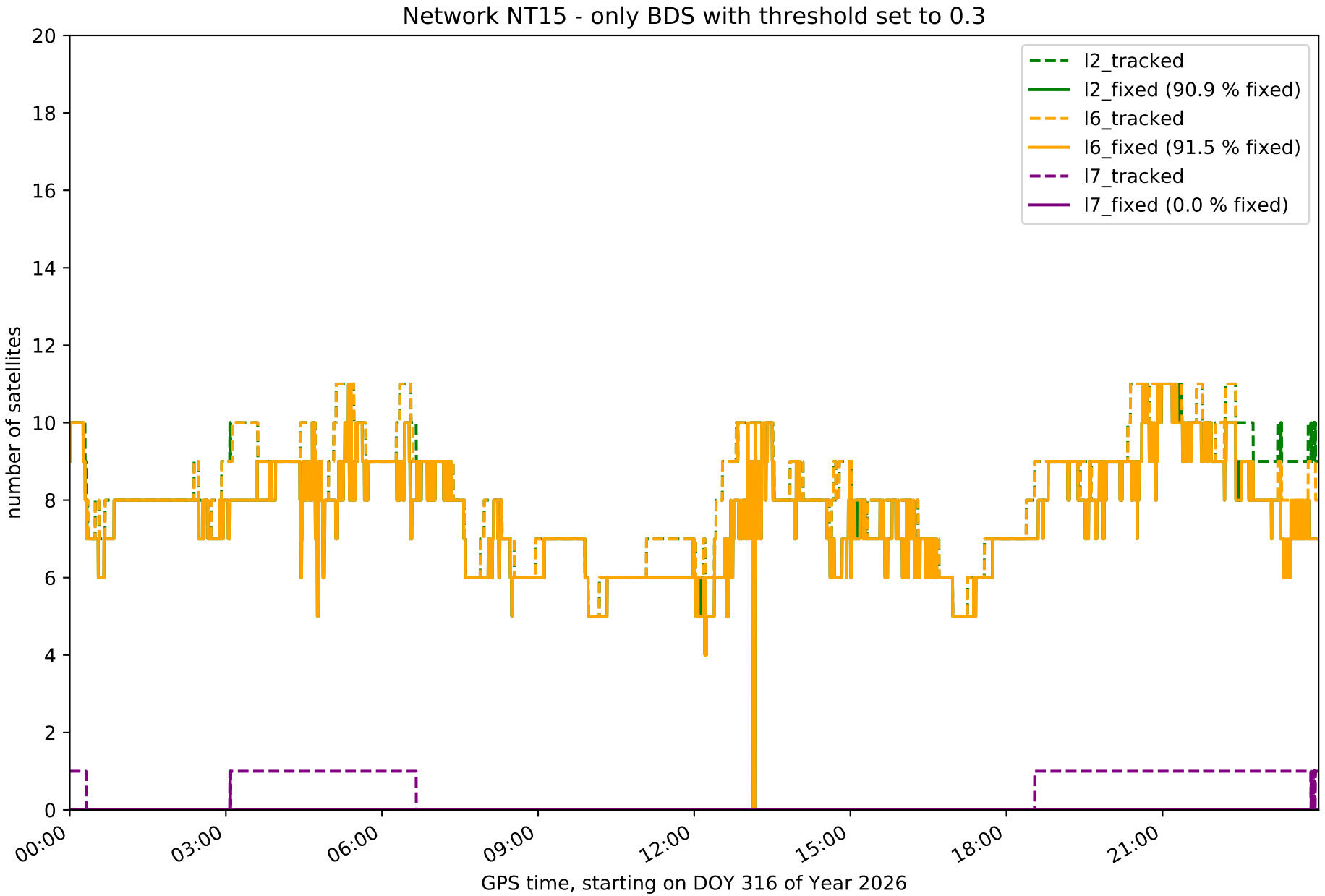

Histogram of the processing rate in network NT15 (durations larger 15 seconds neglected)
number of epochs
0
5000
10000
15000
20000
25000
30000
1
2
3
4
5
time difference to next processed epoch [s]

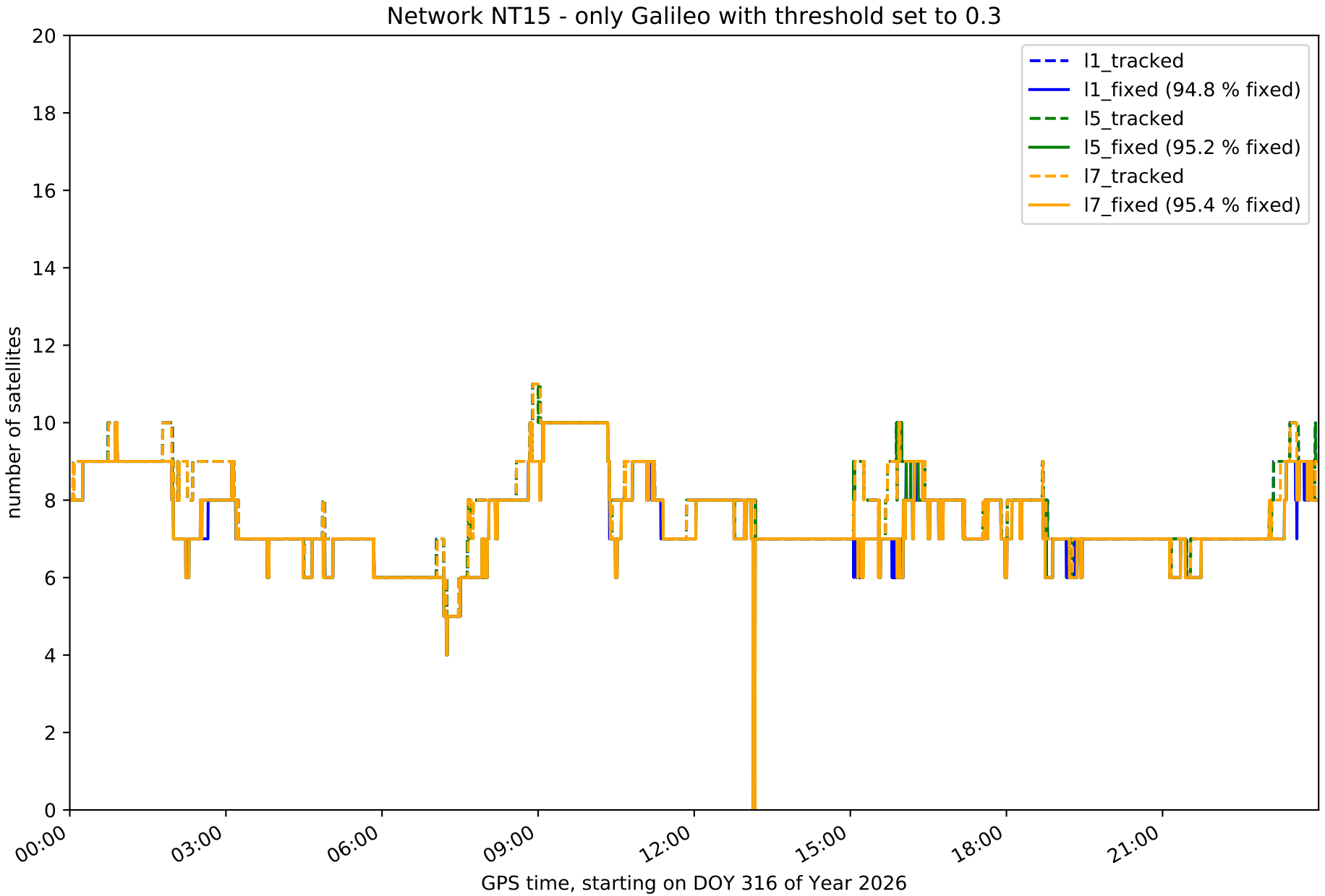

Network NT15 with threshold set to 0.3
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
40
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

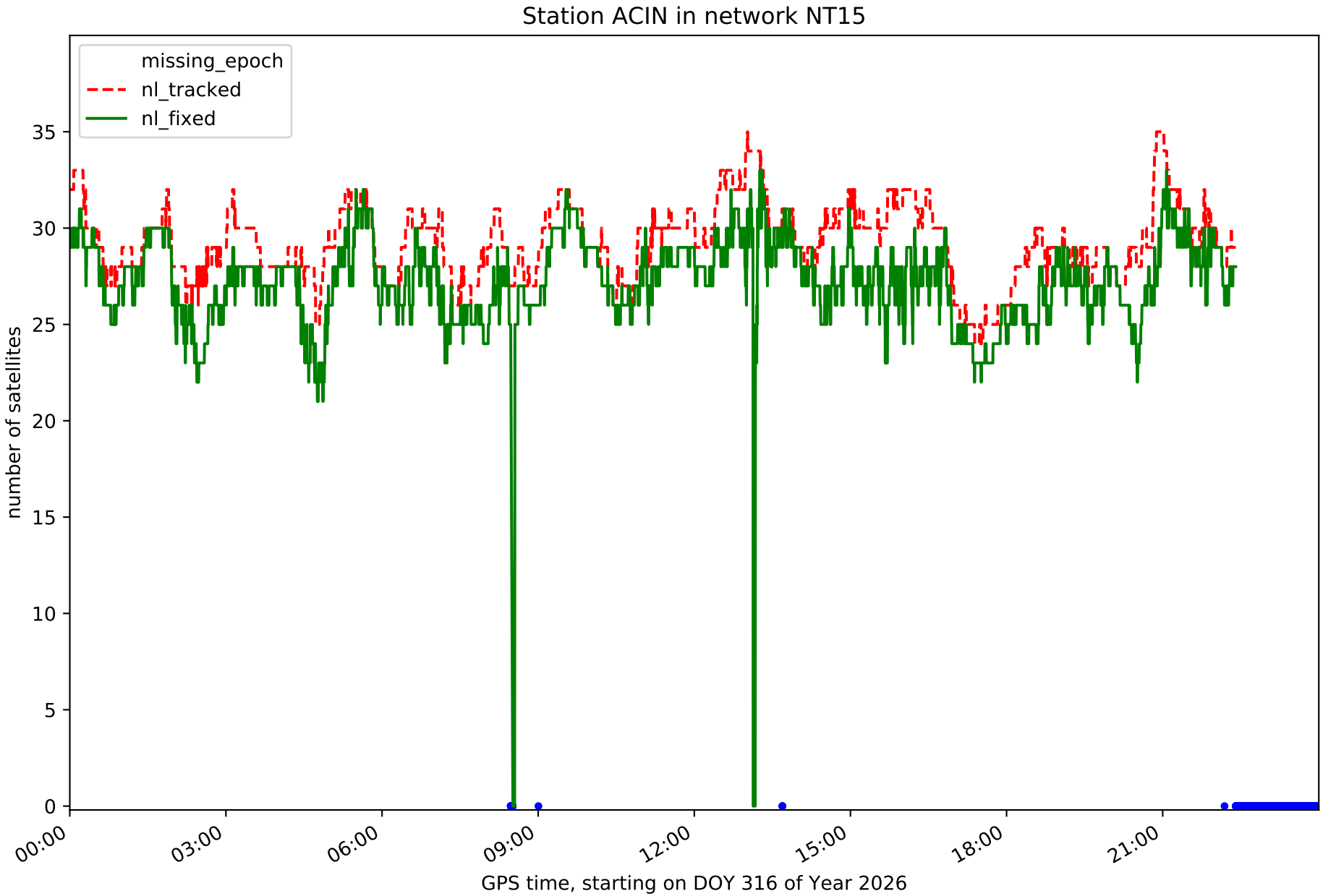

Fixing percentage of satellites in network NT15 with threshold set to 0.3
percentage fixed to tracked
100
90
80
70
60
50
40
30
20
10
0
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

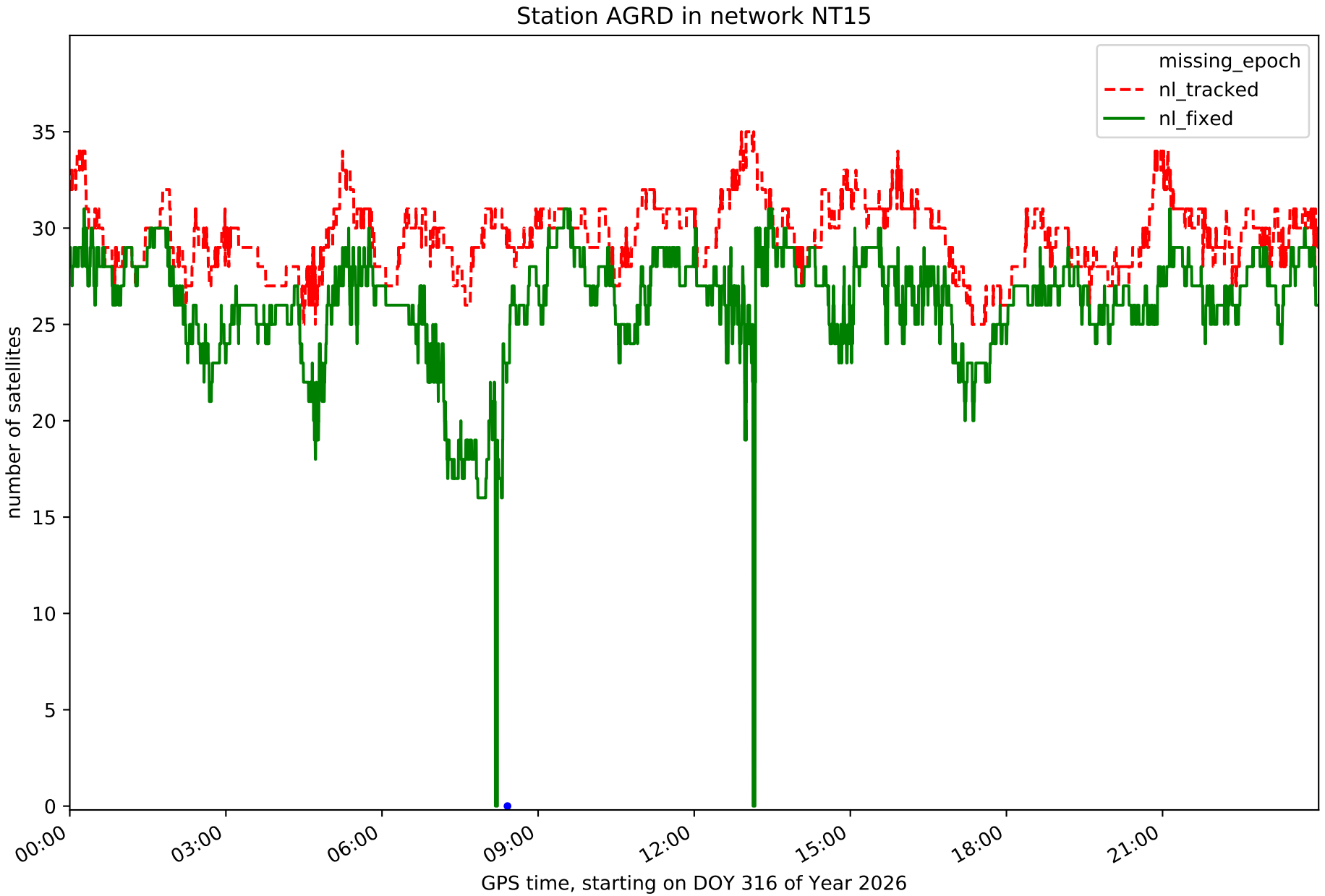

Network NT15 - only GPS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 316 of Year 2026
l1_tracked
l1_fixed (94.0 % fixed)
l2_tracked
l2_fixed (94.0 % fixed)
l5_tracked
l5_fixed (94.6 % fixed)
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00

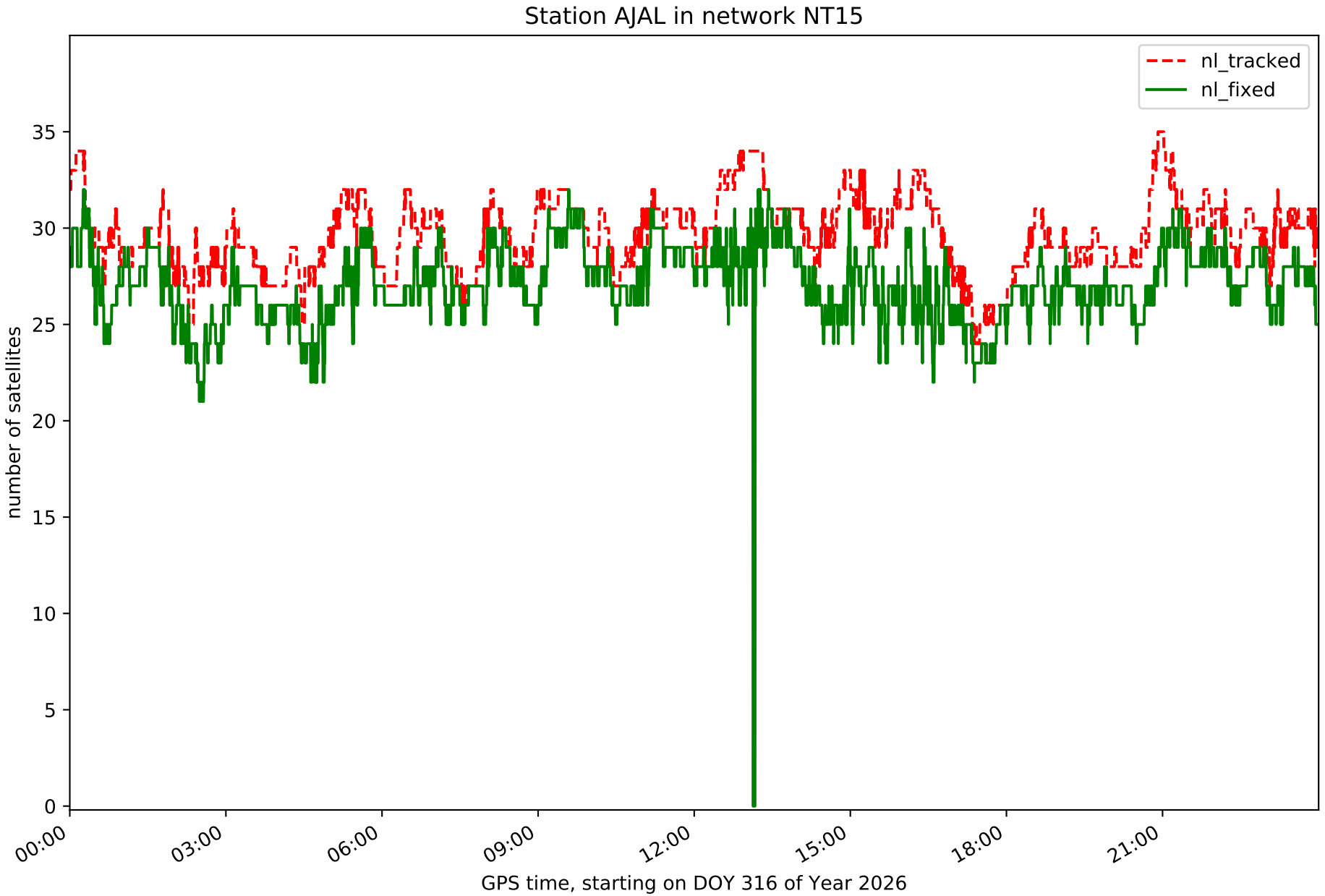

Network NT15 - only GLONASS with threshold set to 0.3
l1_tracked
l1_fixed (92.0 % fixed)
l2_tracked
l2_fixed (92.0 % fixed)
number of satellites
0
2
4
6
8
10
12
14
16
18
20
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

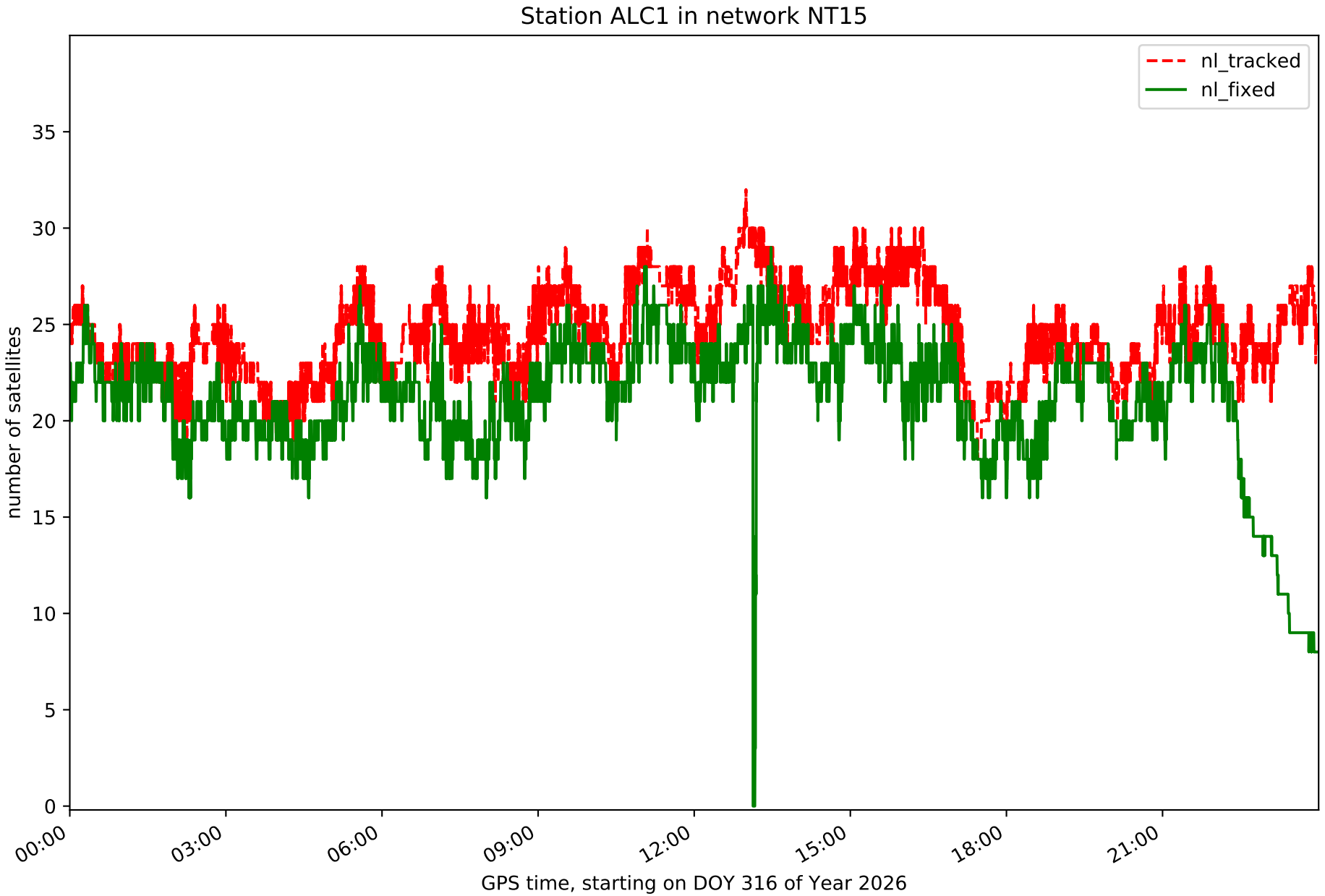

Network NT15 - only BDS with threshold set to 0.3
number of satellites
GPS time, starting on DOY 316 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
I2_tracked
I2_fixed (90.9 % fixed)
I6_tracked
I6_fixed (91.5 % fixed)
I7_tracked
I7_fixed (0.0 % fixed)

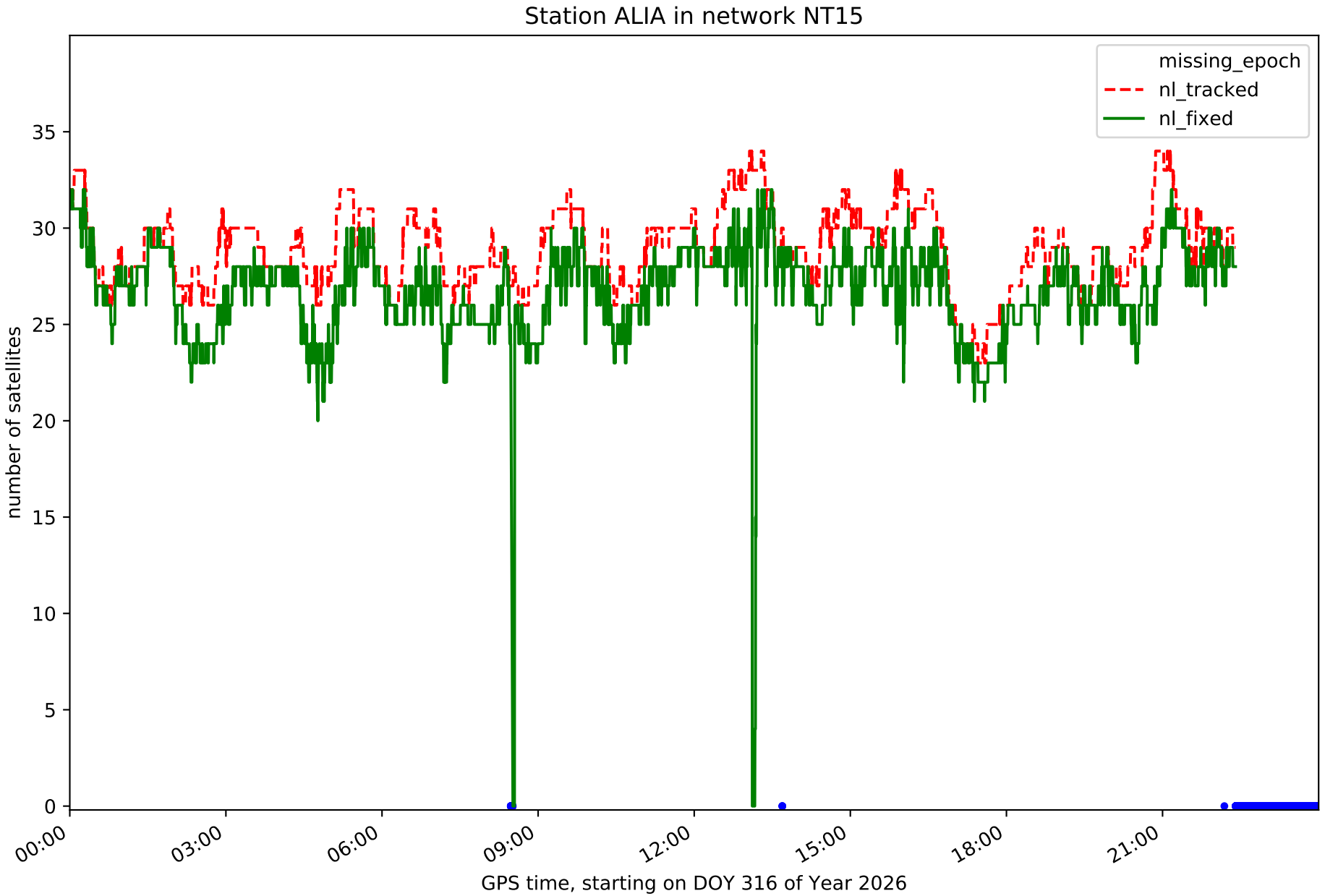

Network NT15 - only Galileo with threshold set to 0.3
number of satellites
GPS time, starting on DOY 316 of Year 2026
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
0
2
4
6
8
10
12
14
16
18
20
l1_tracked
l1_fixed (94.8 % fixed)
l5_tracked
l5_fixed (95.2 % fixed)
l7_tracked
l7_fixed (95.4 % fixed)

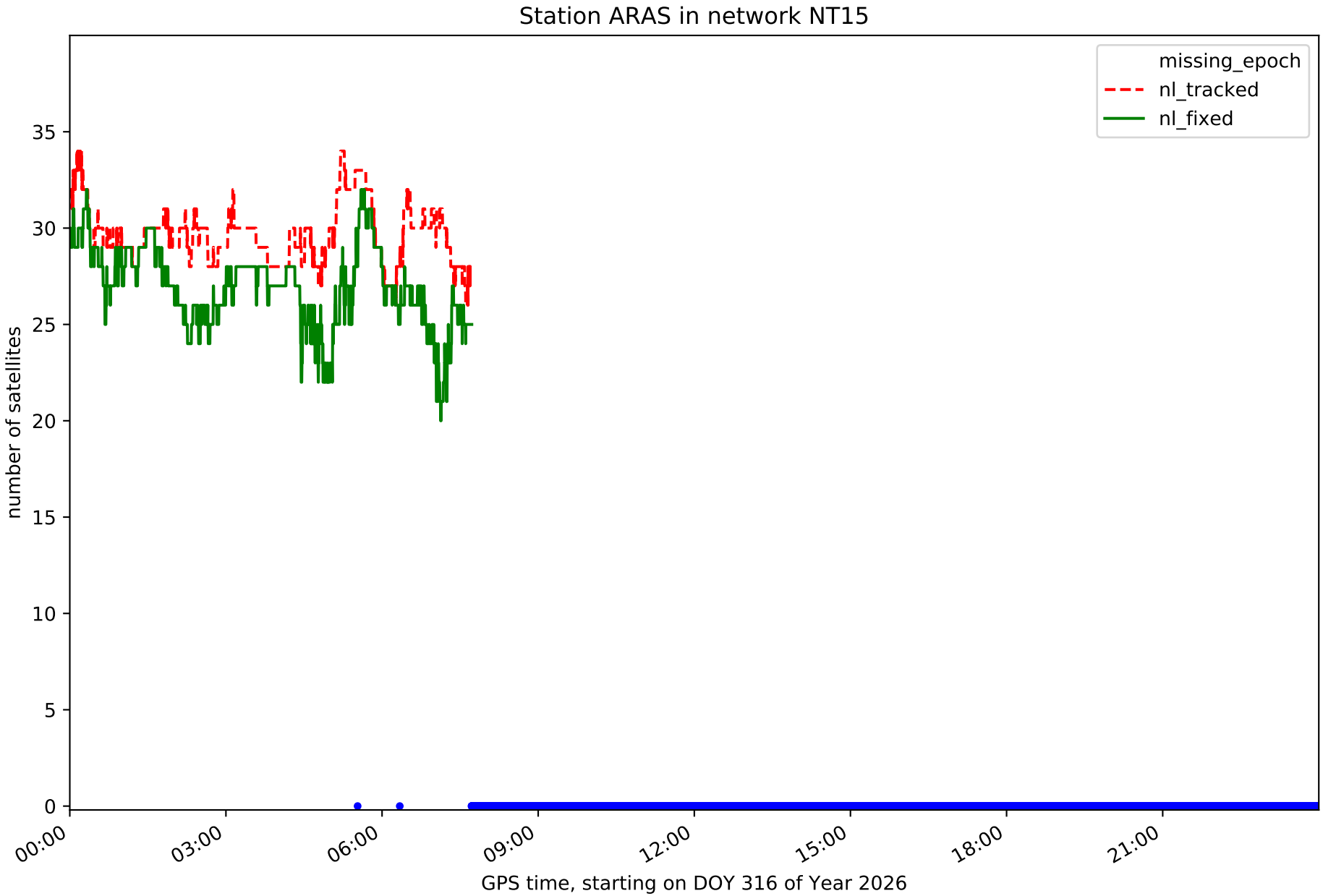

Station ACIN in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

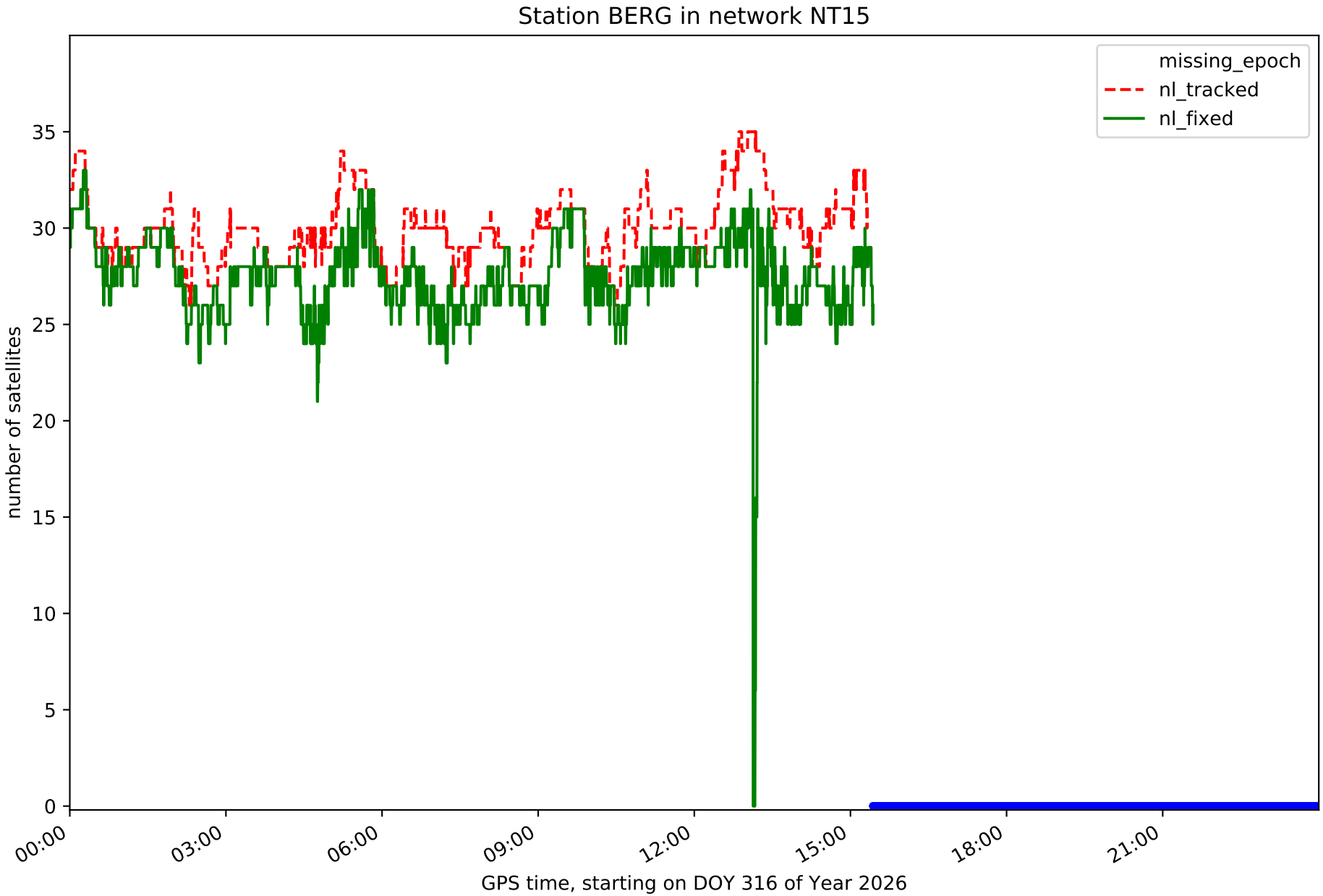

Station AGRD in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

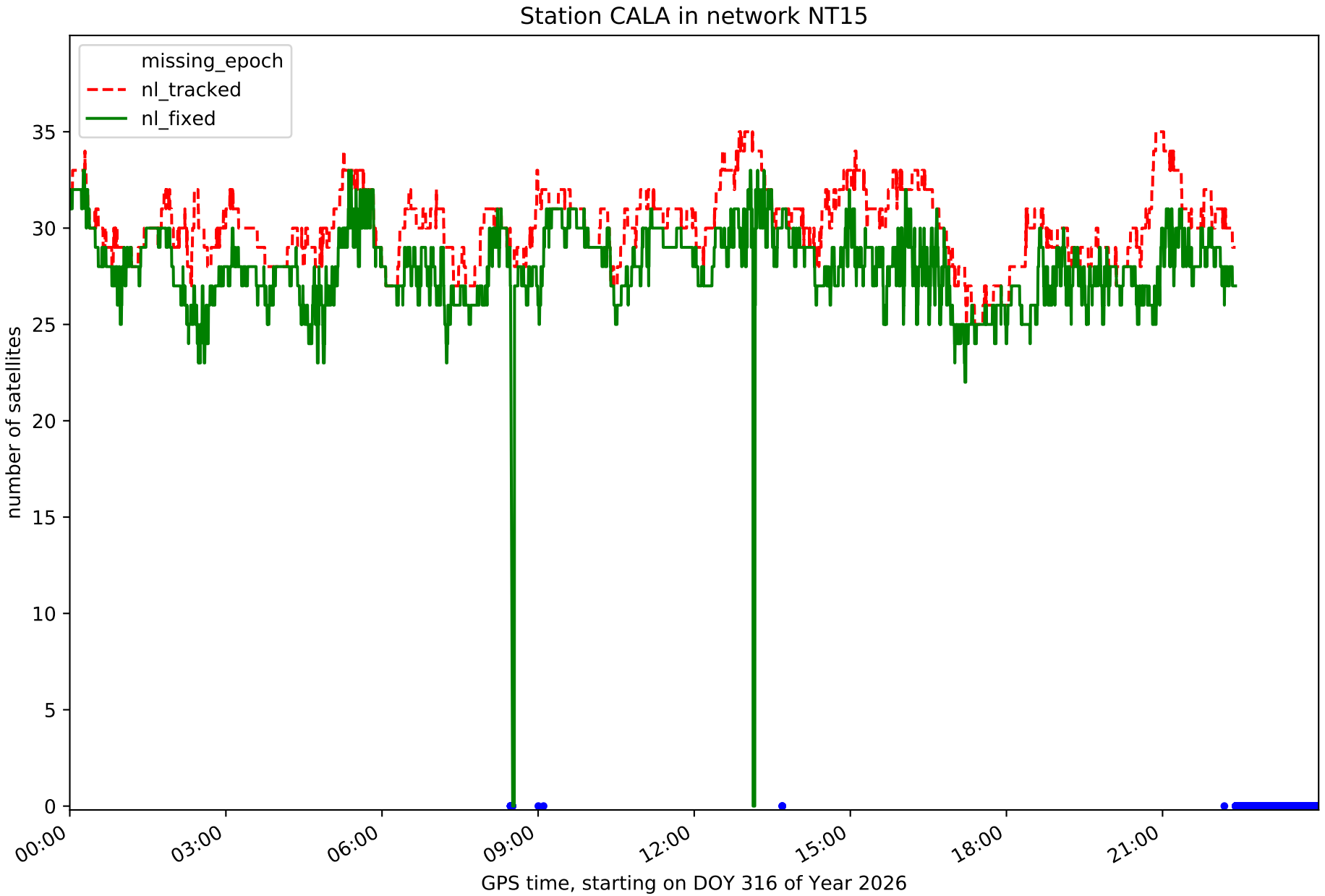

Station AJAL in network NT15
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

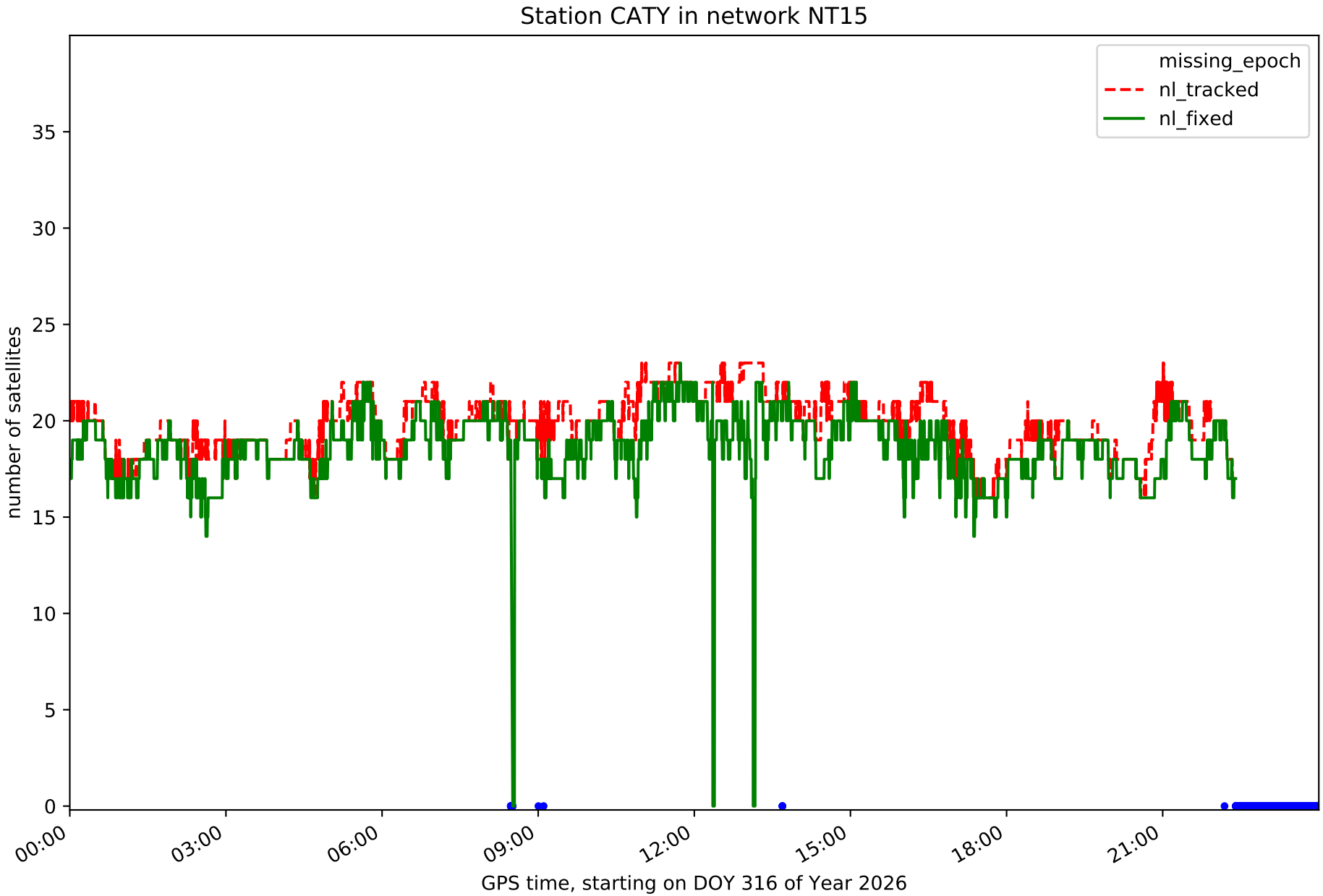

Station ALC1 in network NT15
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

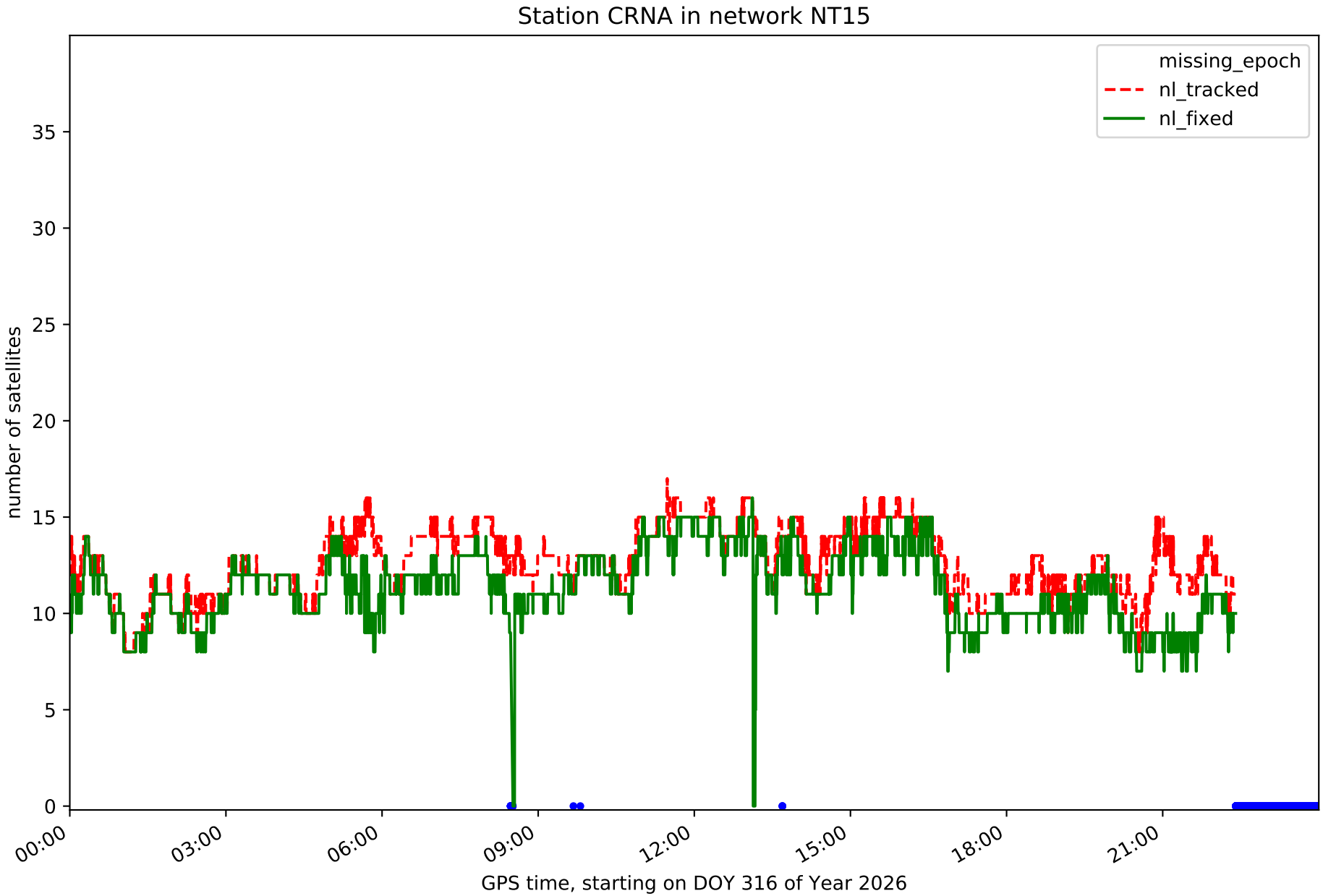

Station ALIA in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

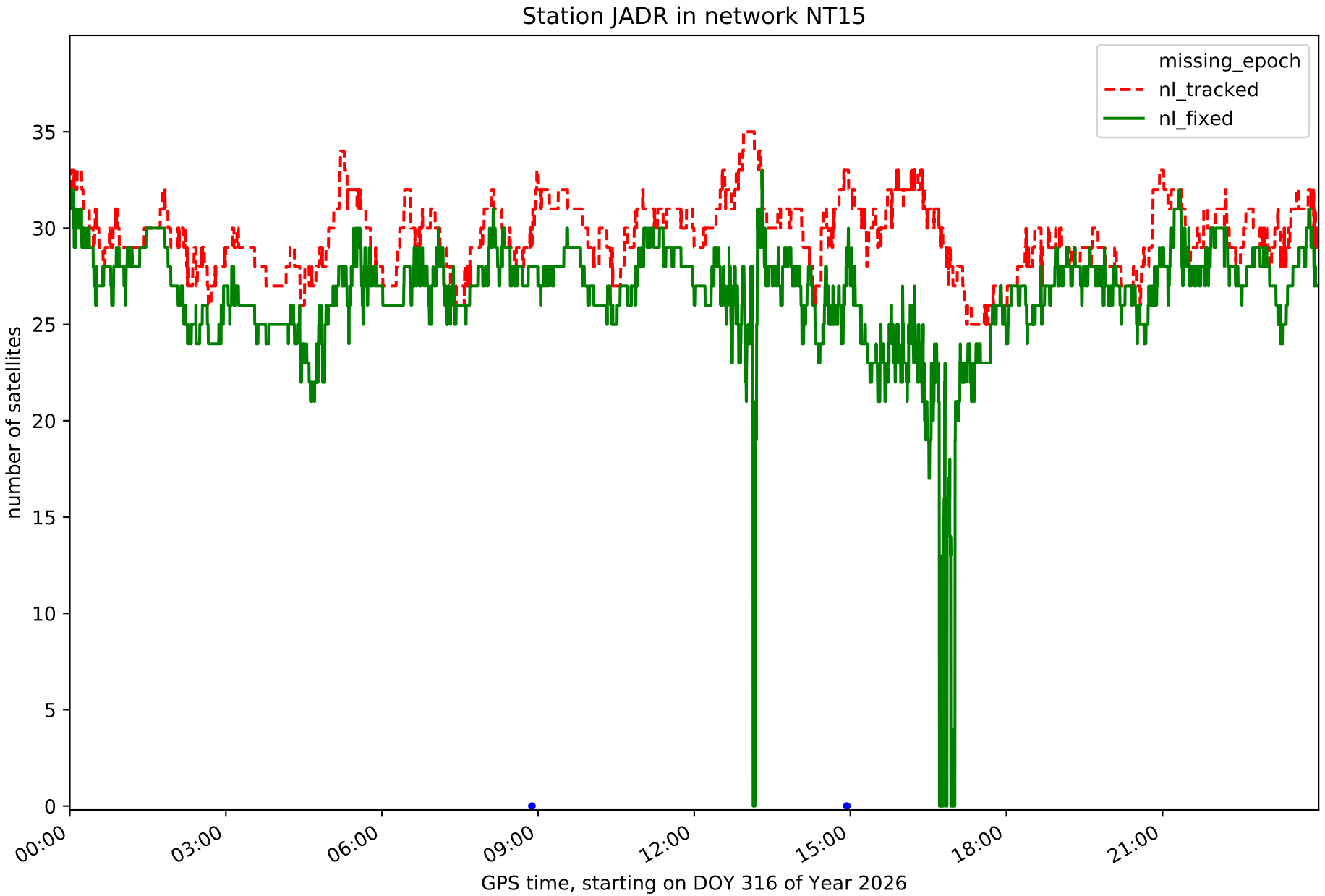

Station ARAS in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

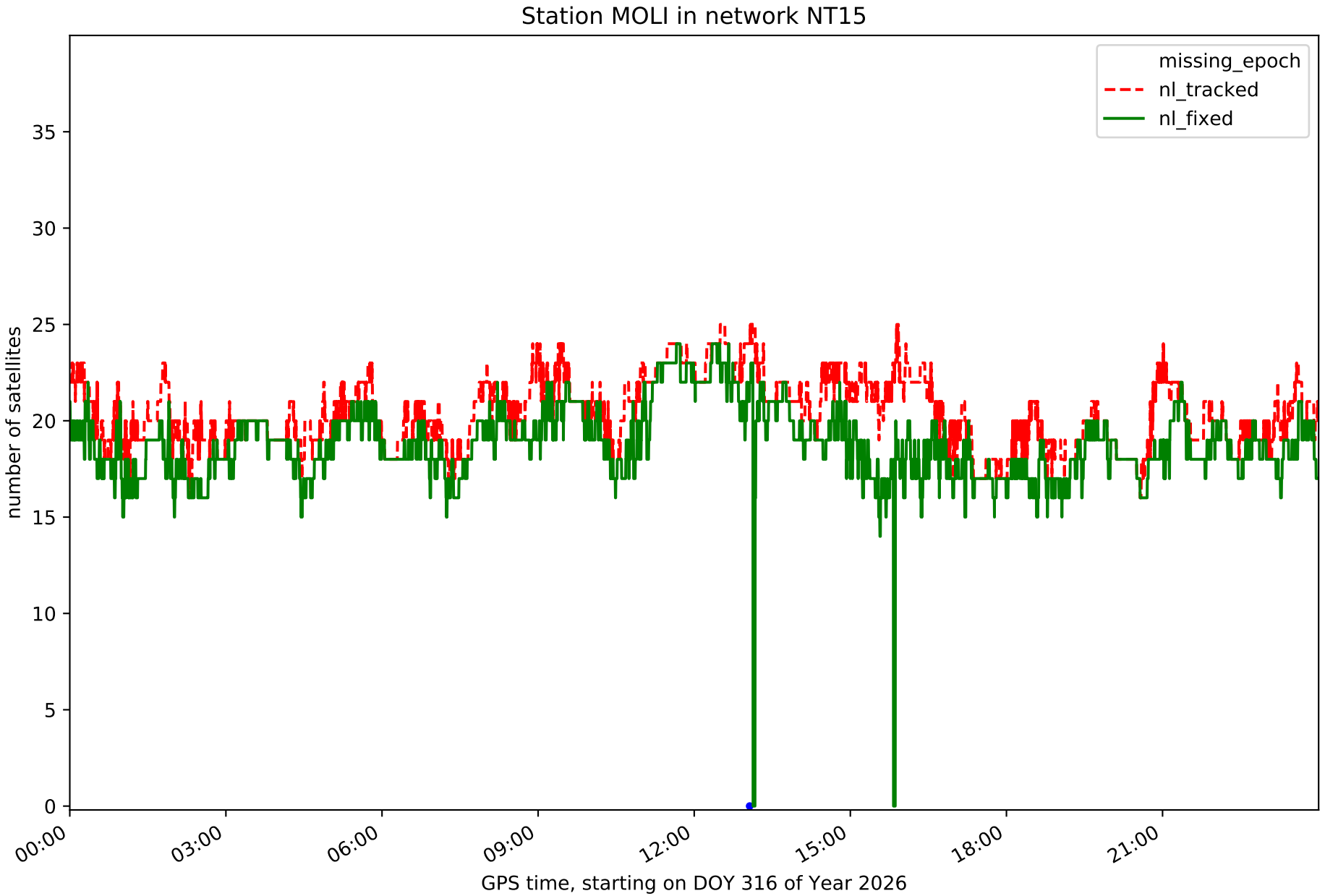

Station BERG in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

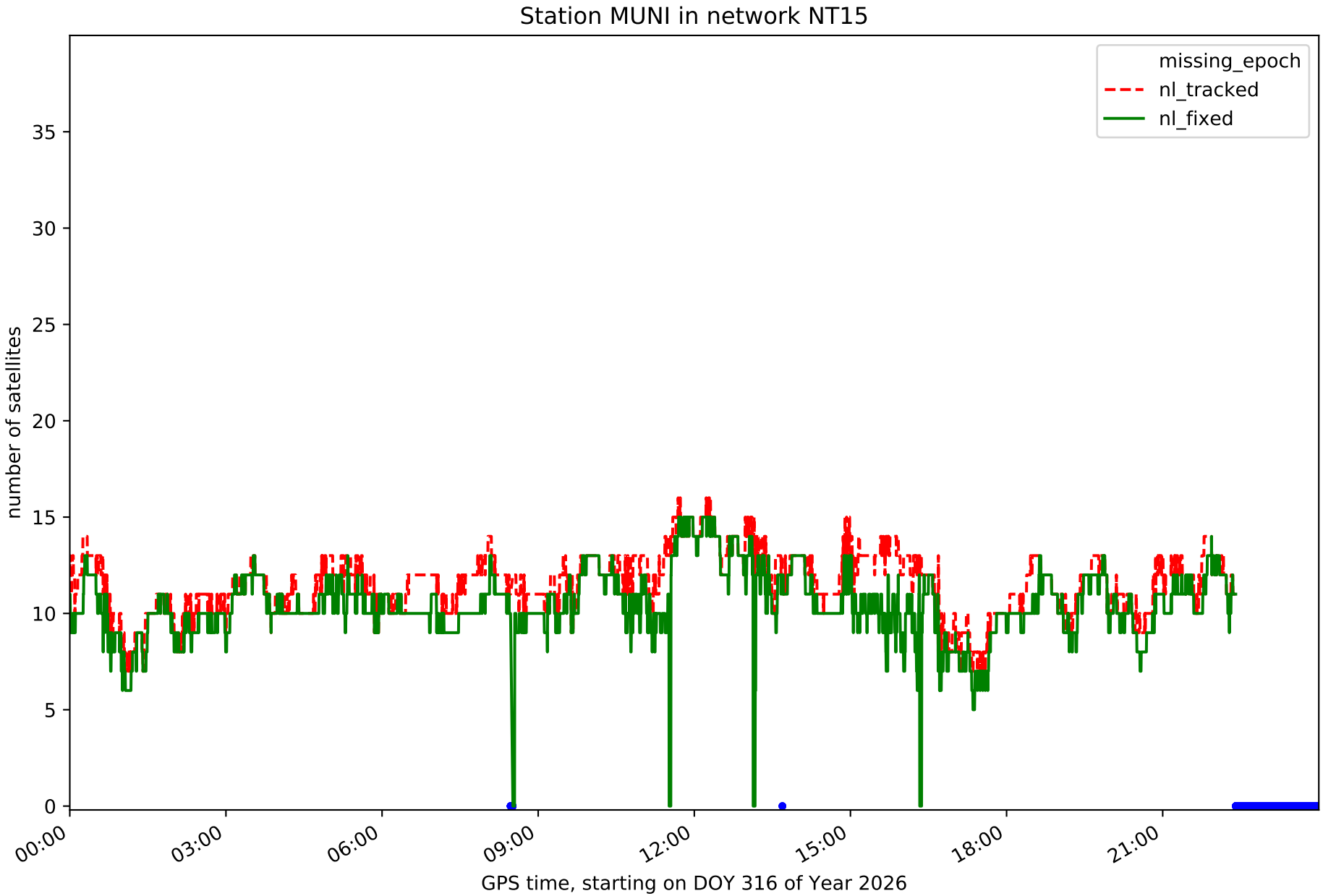

Station CALA in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

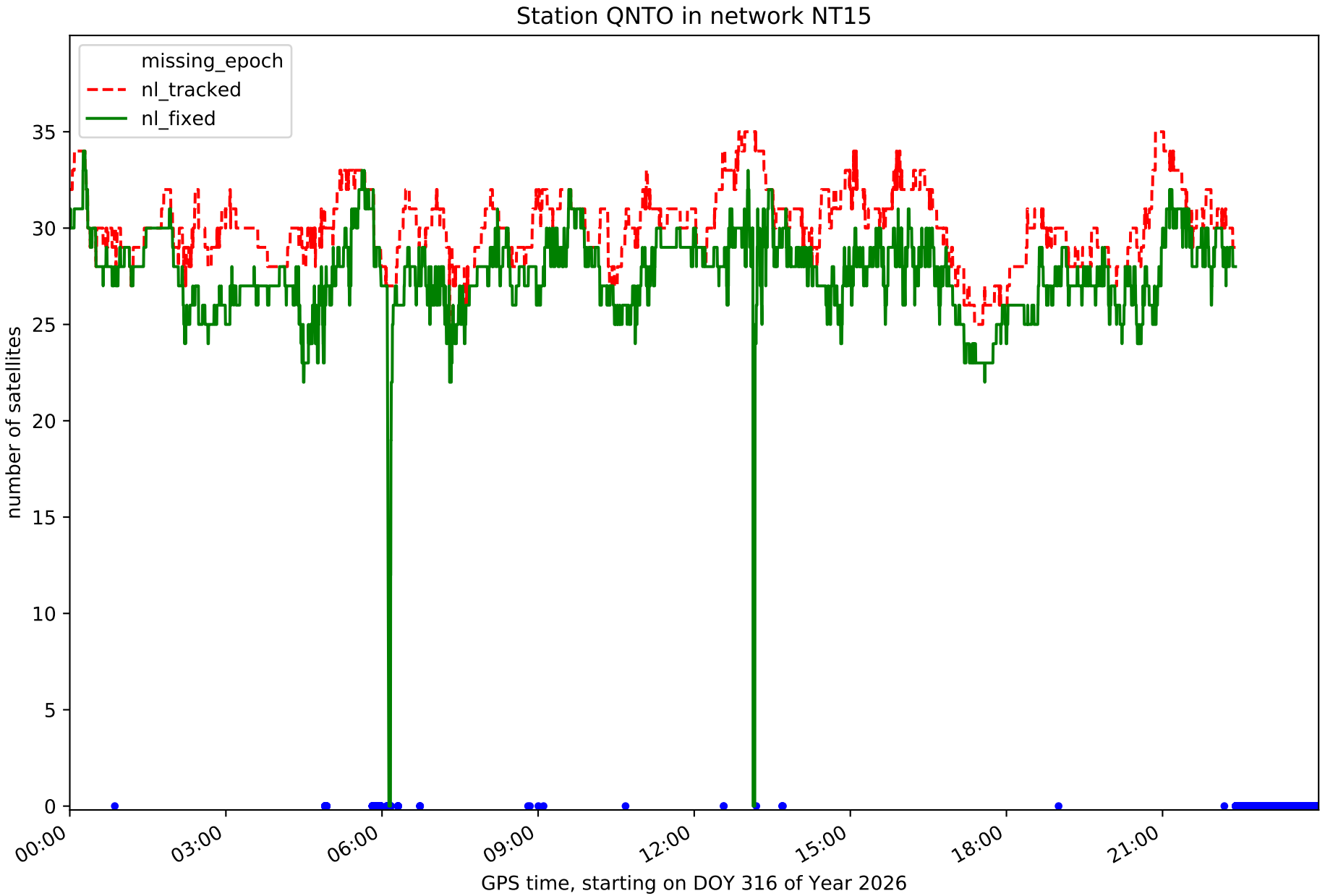

Station CATY in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

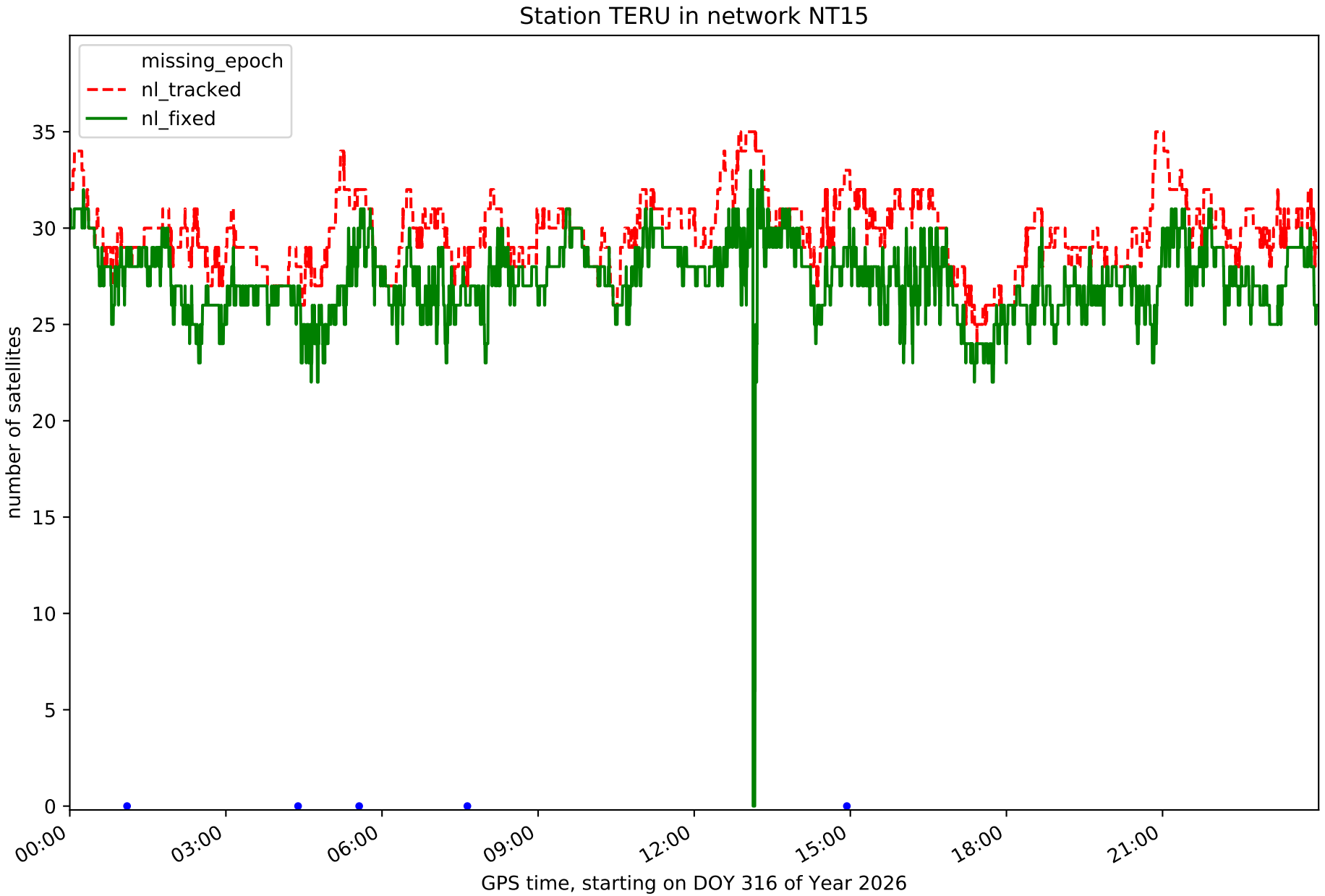

Station CRNA in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

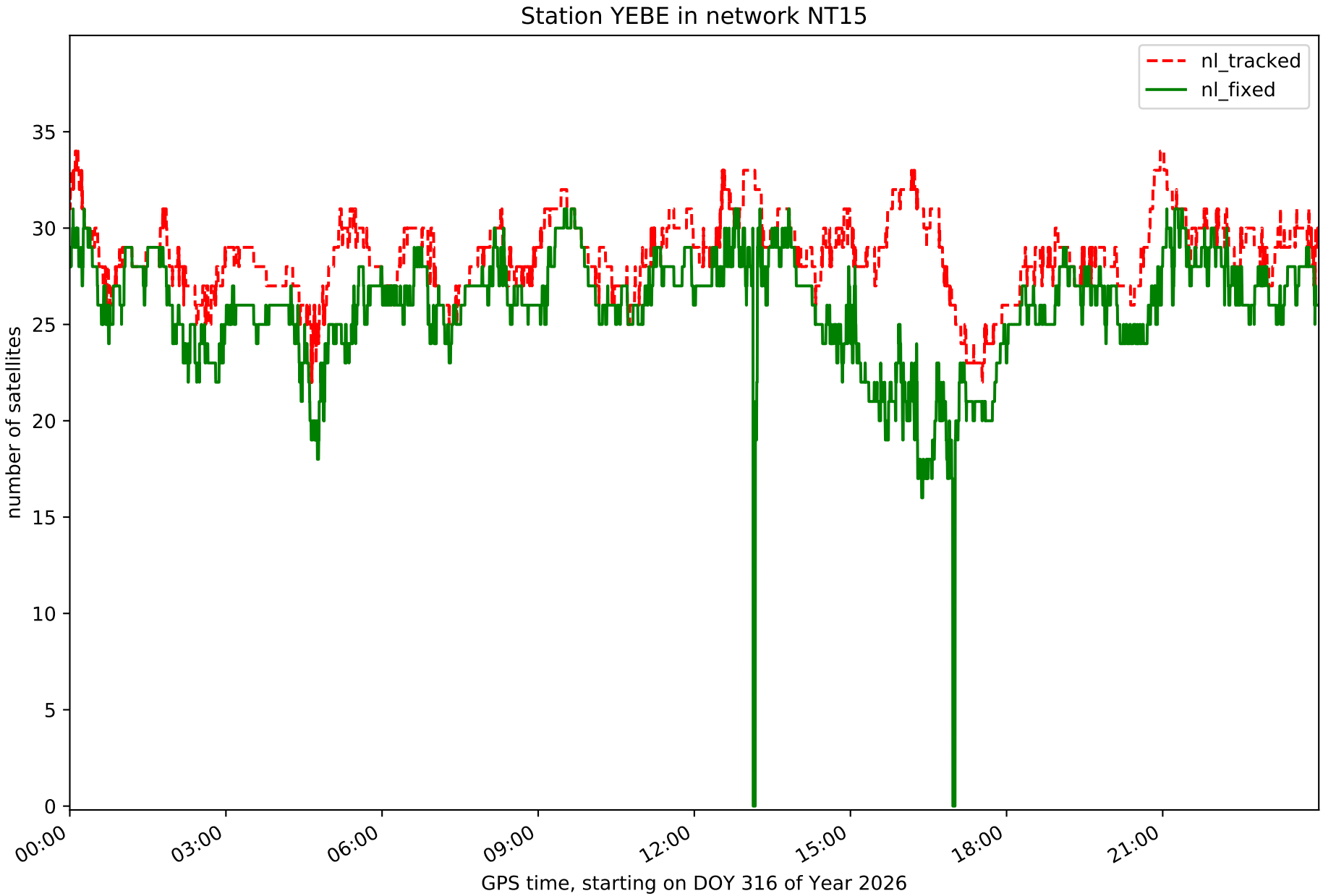

Station JADR in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

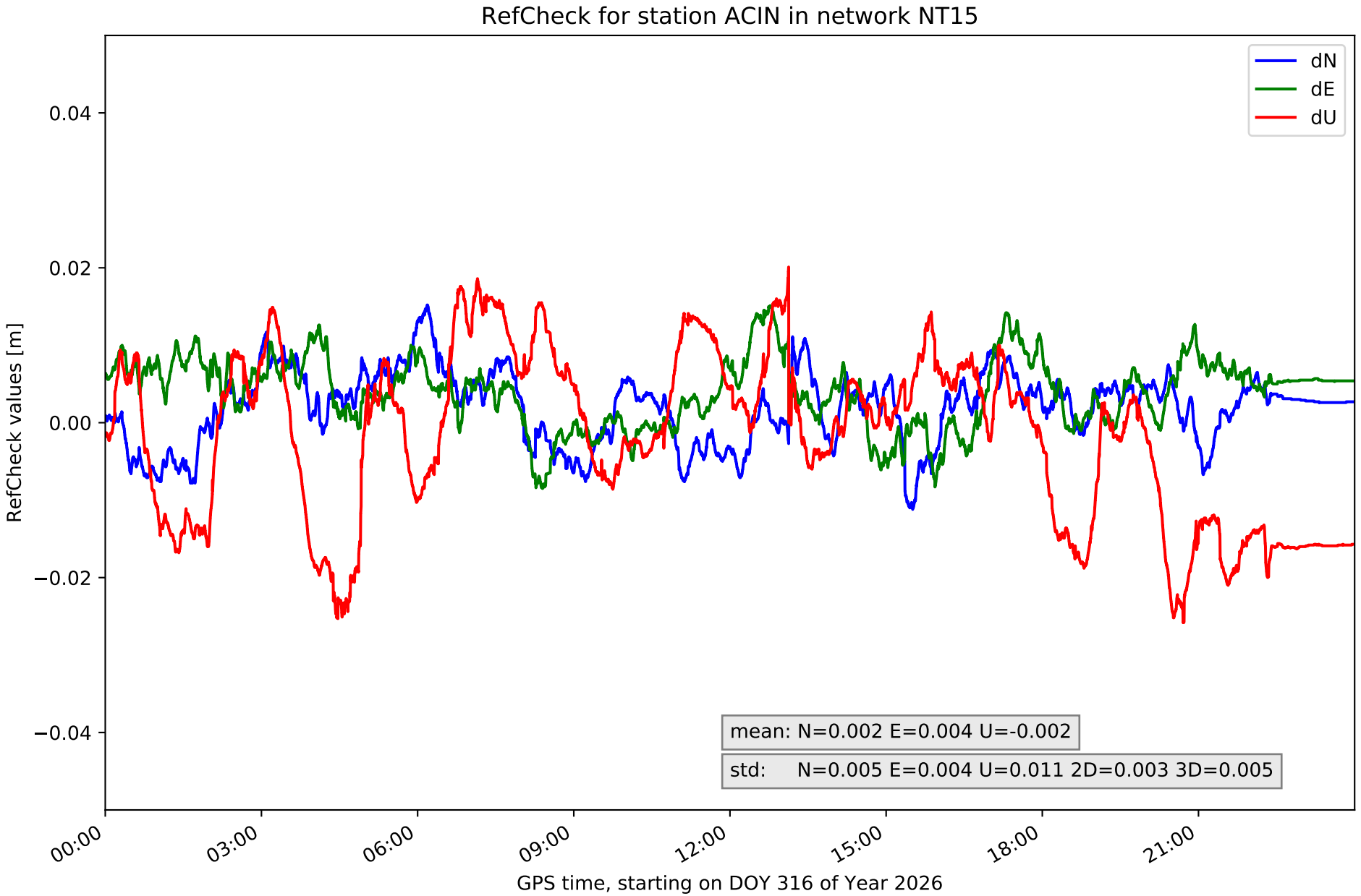

Station MOLI in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

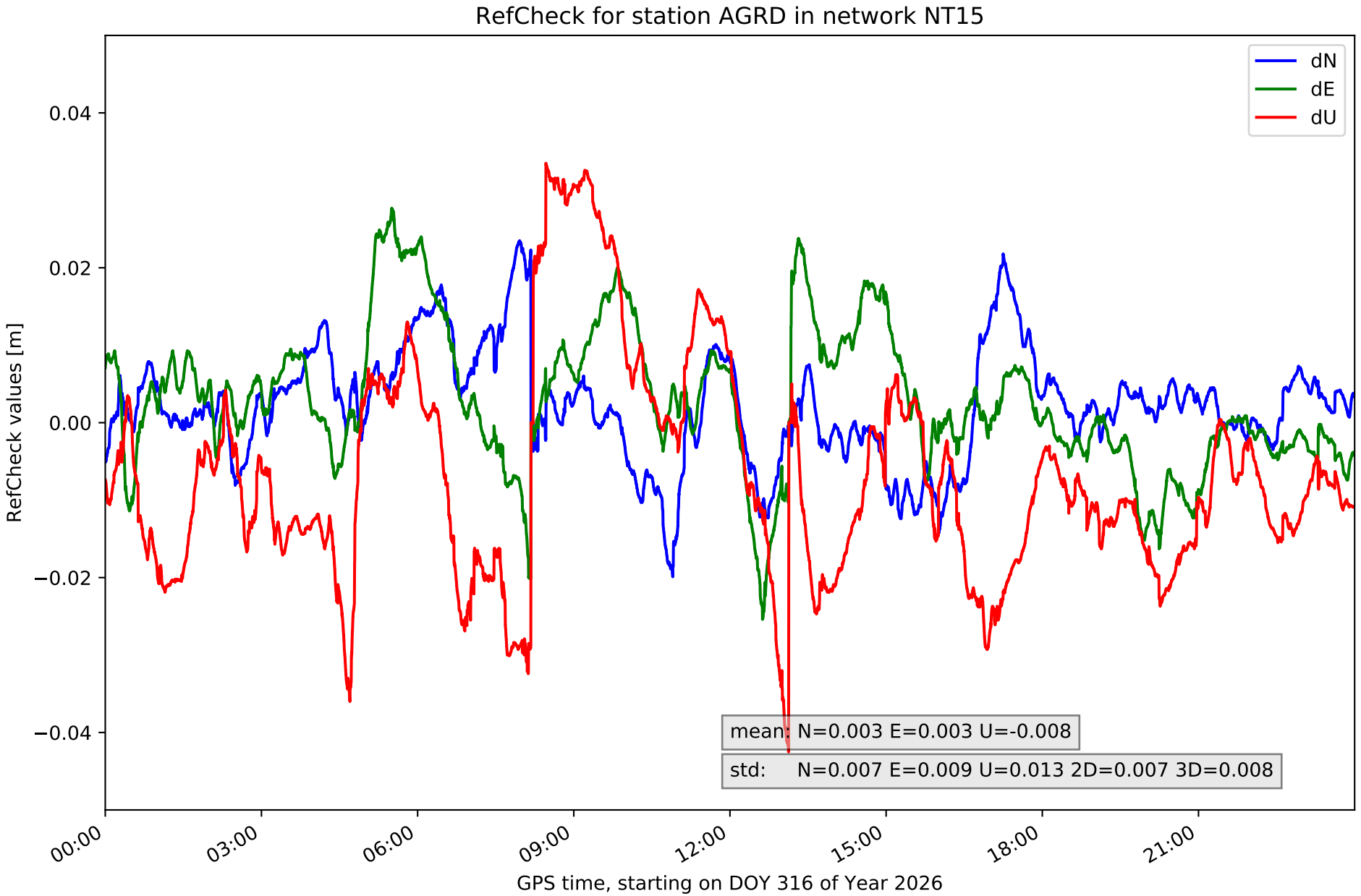

Station MUNI in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

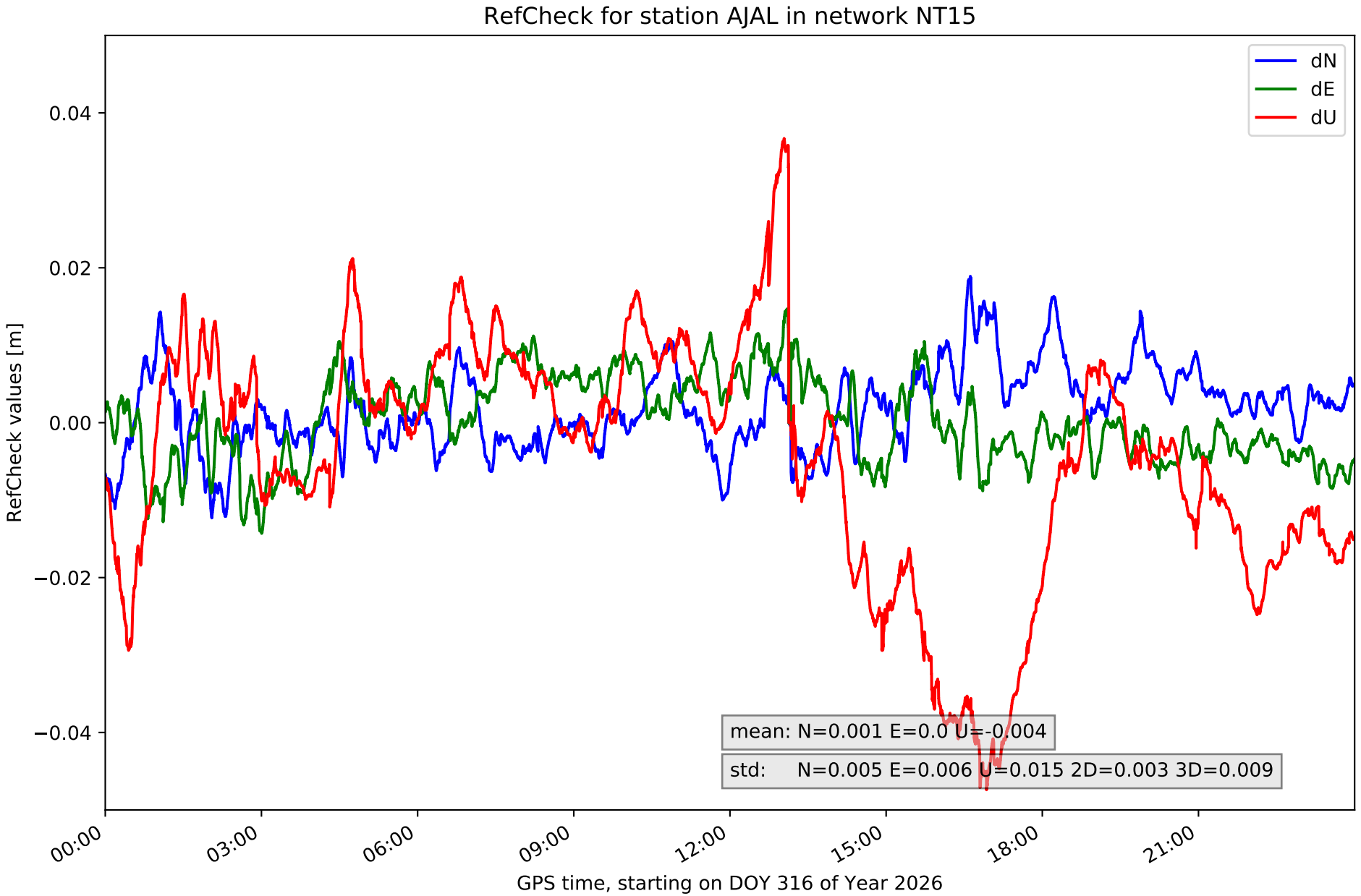

Station QNTO in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

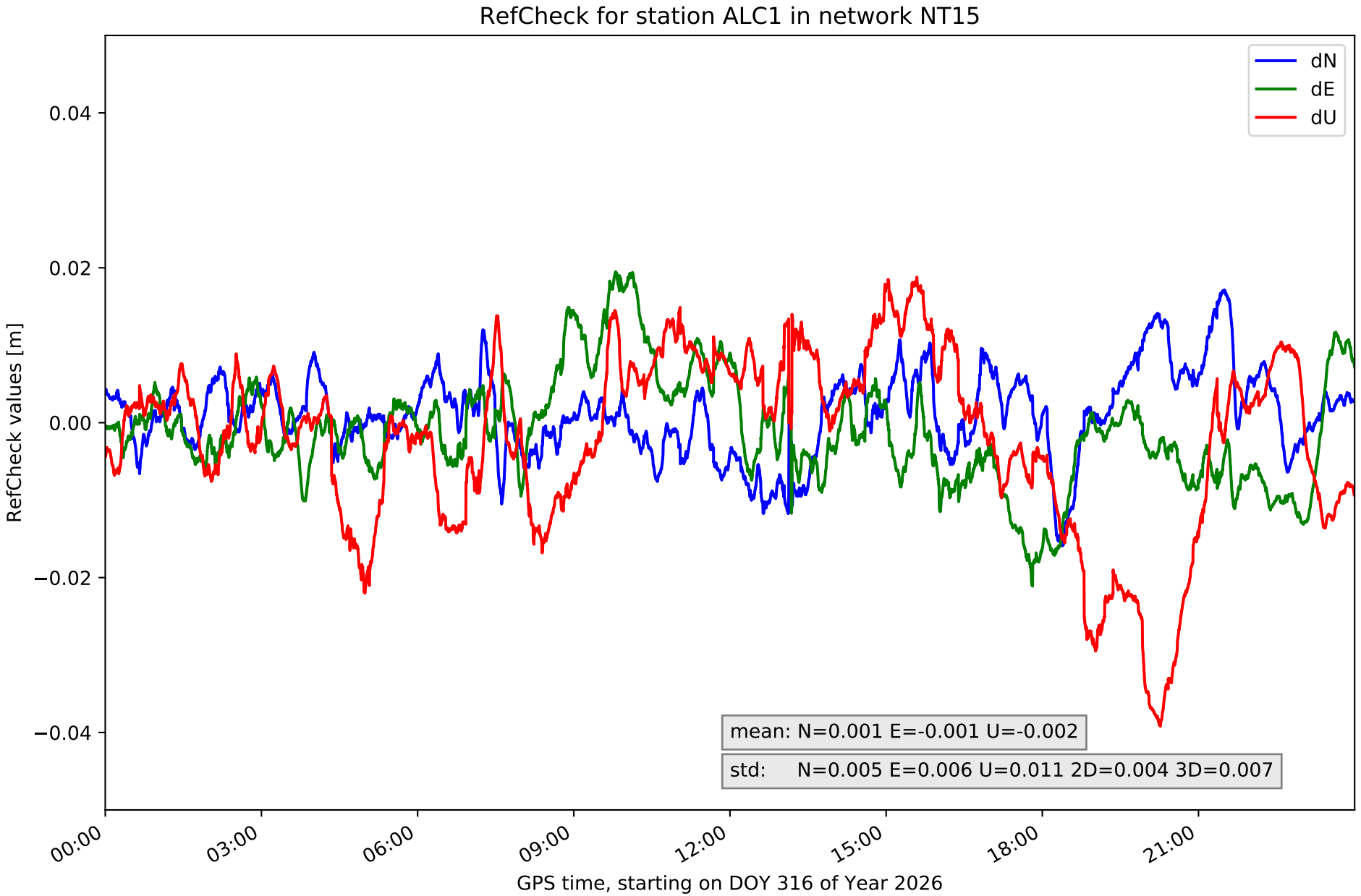

Station TERU in network NT15
missing_epoch
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

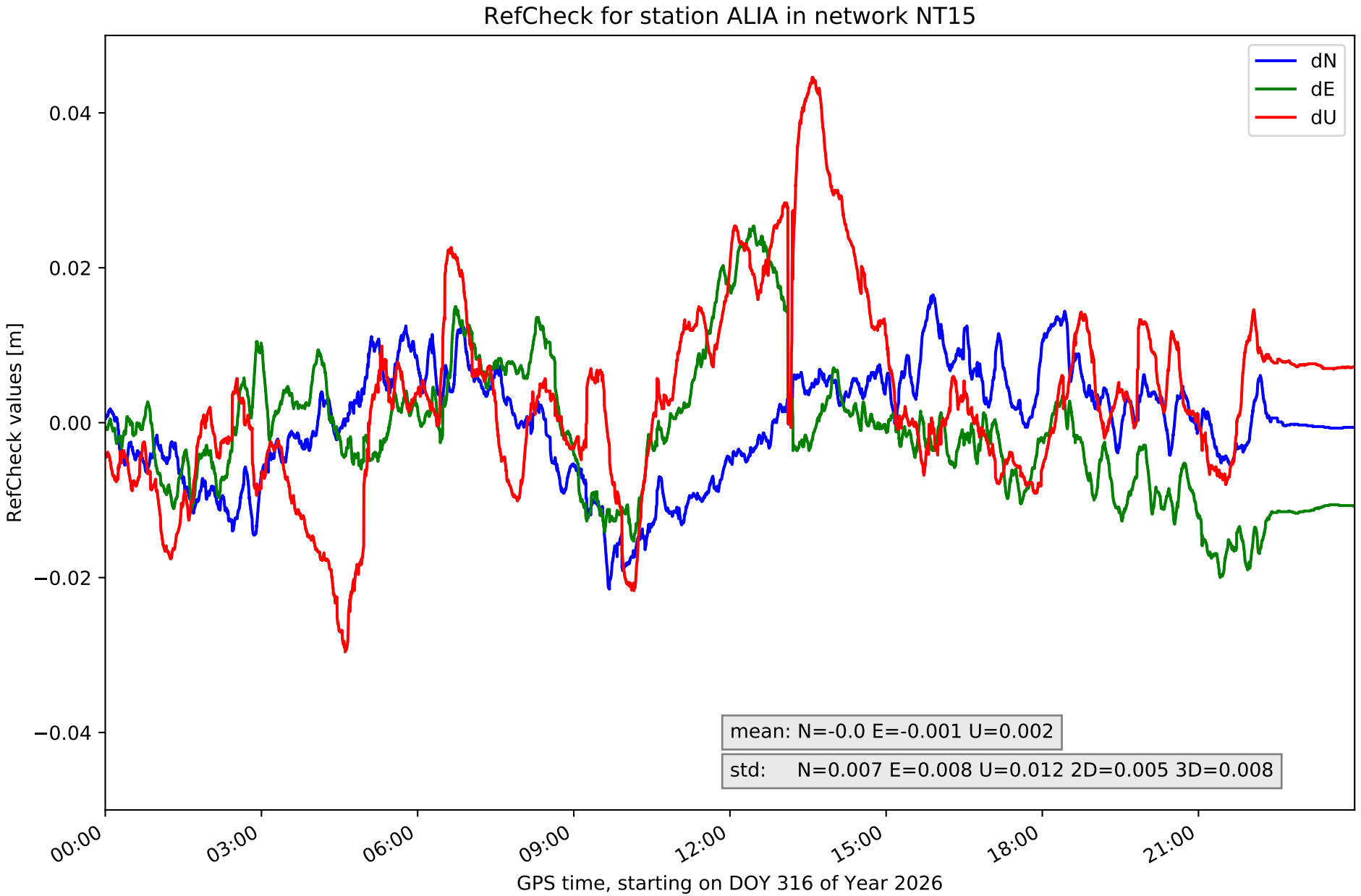

Station YEBE in network NT15
nl_tracked
nl_fixed
number of satellites
0
5
10
15
20
25
30
35
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

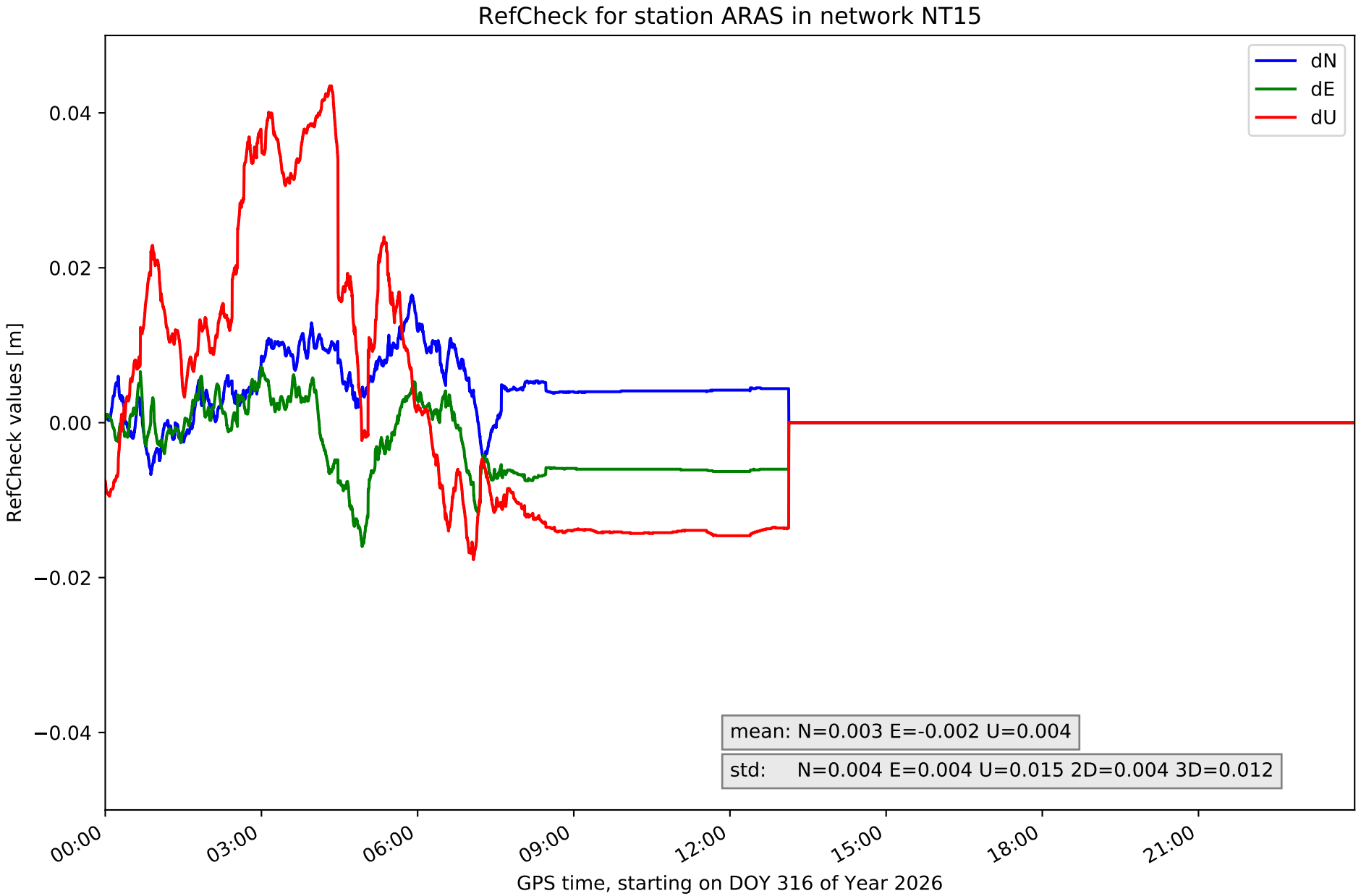

RefCheck for station ACIN in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.002 E=0.004 U=-0.002
std: N=0.005 E=0.004 U=0.011 2D=0.003 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

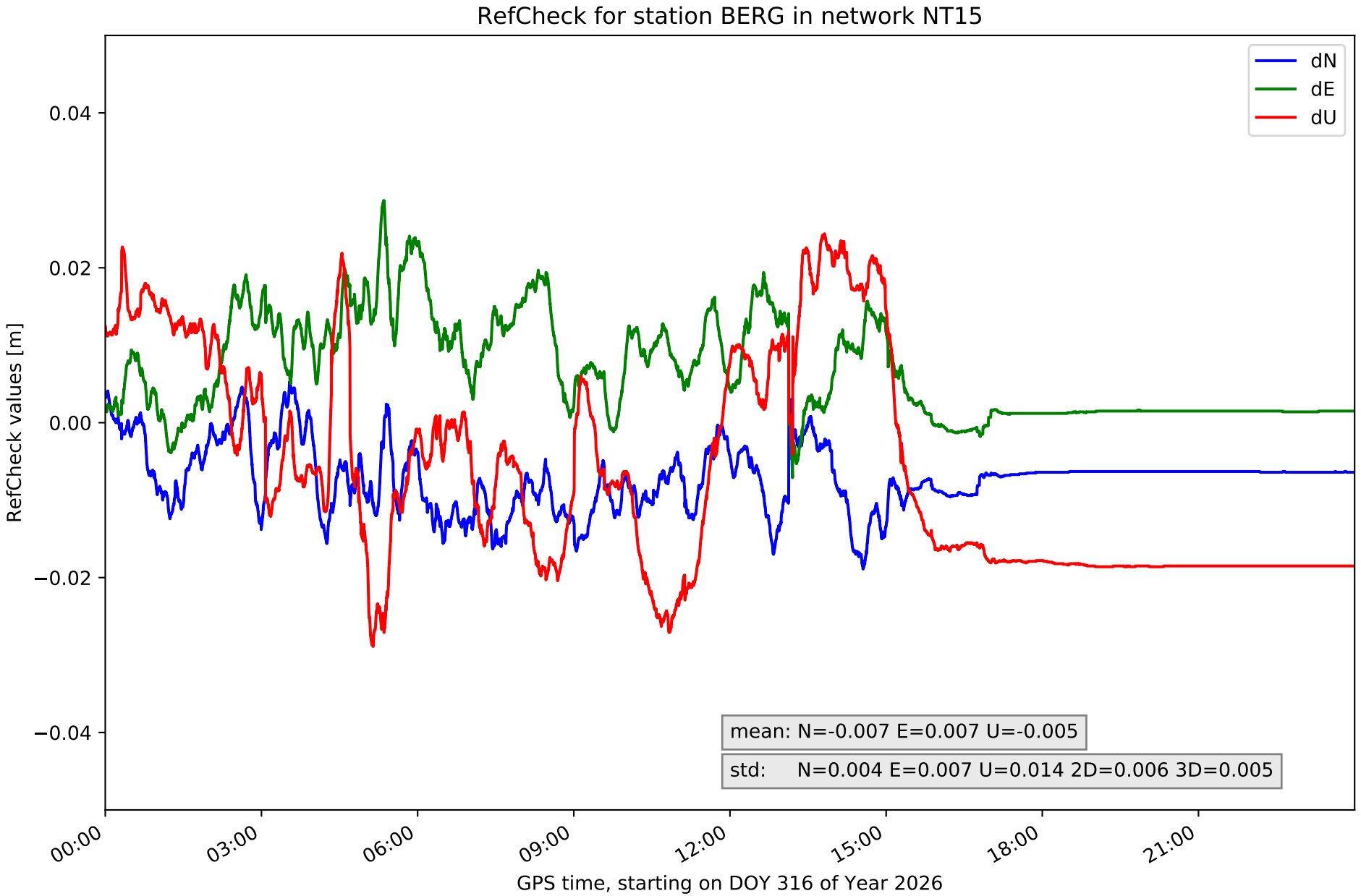

RefCheck for station AGRD in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=0.003 U=-0.008
std: N=0.007 E=0.009 U=0.013 2D=0.007 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

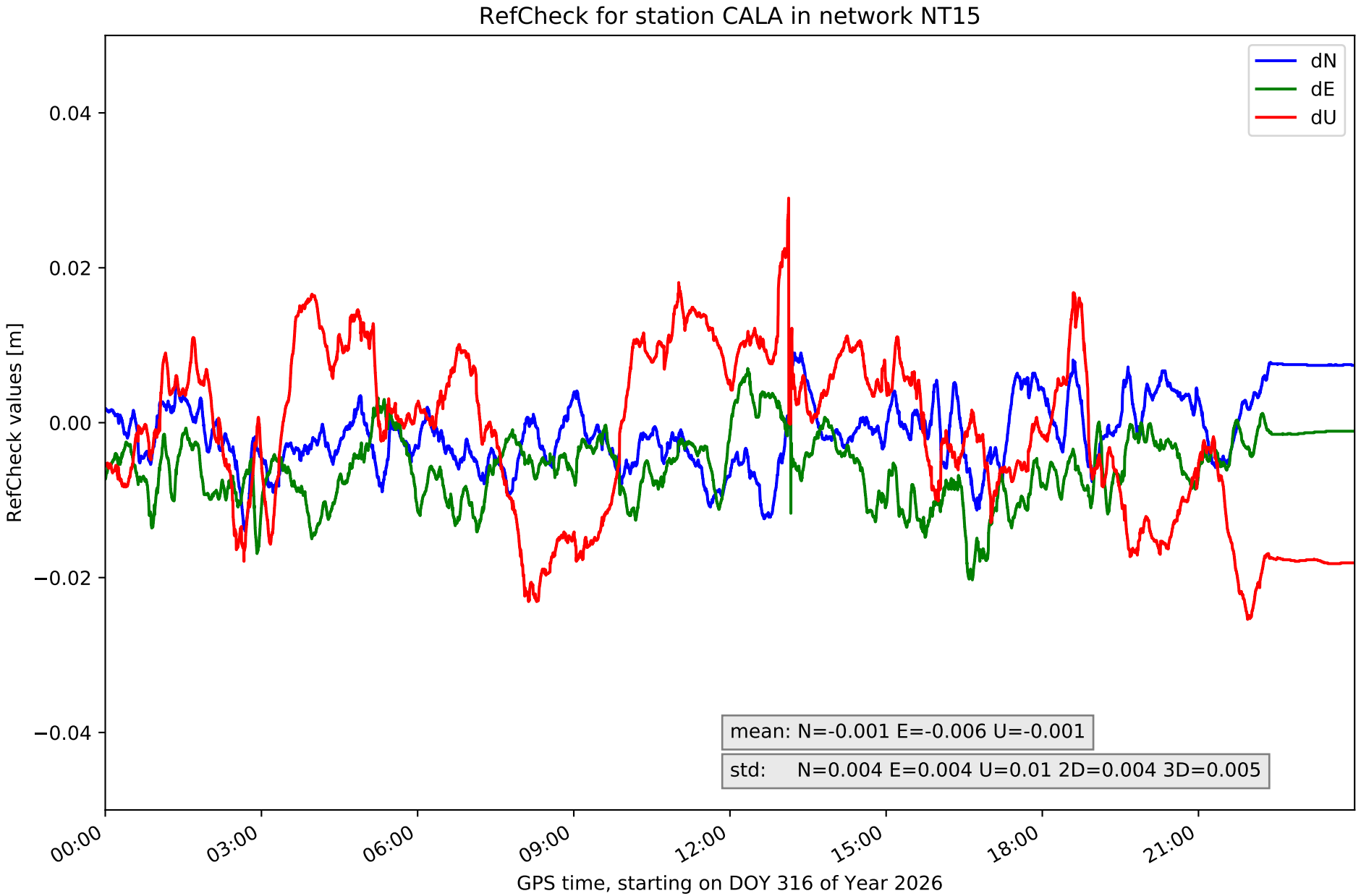

RefCheck for station AJAL in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.0 U=-0.004
std: N=0.005 E=0.006 U=0.015 2D=0.003 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

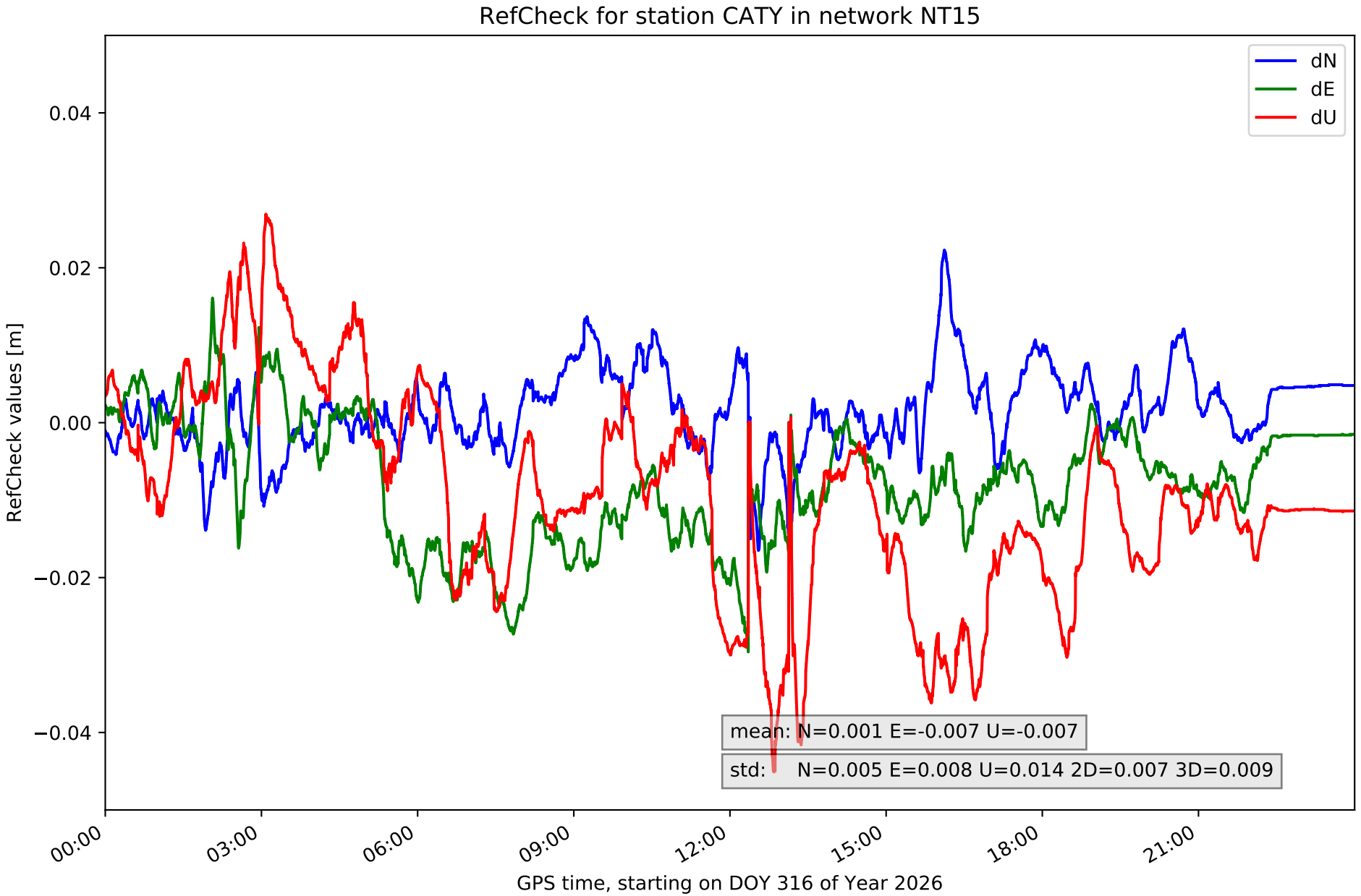

RefCheck for station ALC1 in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=-0.001 U=-0.002
std: N=0.005 E=0.006 U=0.011 2D=0.004 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

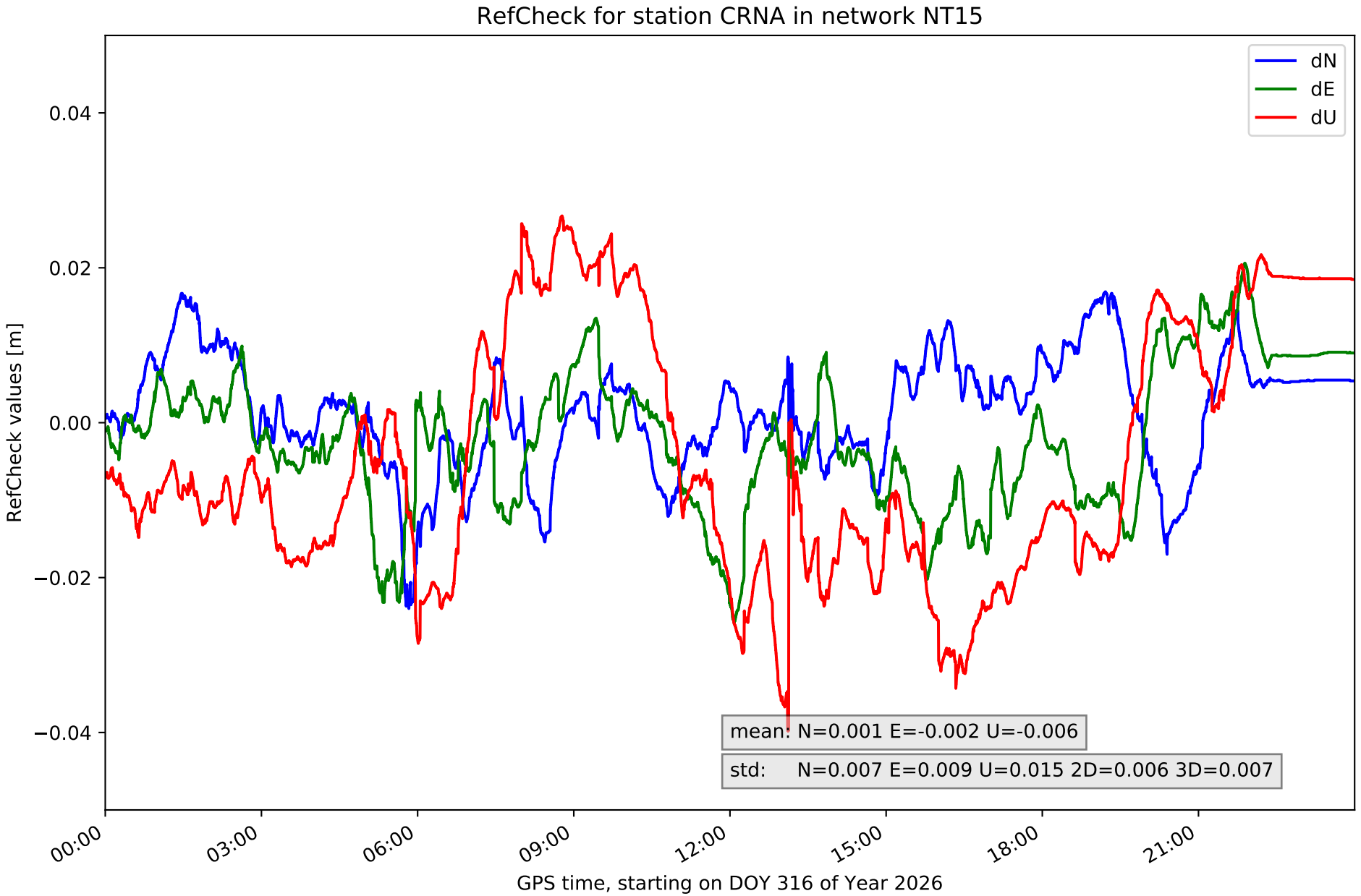

RefCheck for station ALIA in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.0 E=-0.001 U=0.002
std: N=0.007 E=0.008 U=0.012 2D=0.005 3D=0.008
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

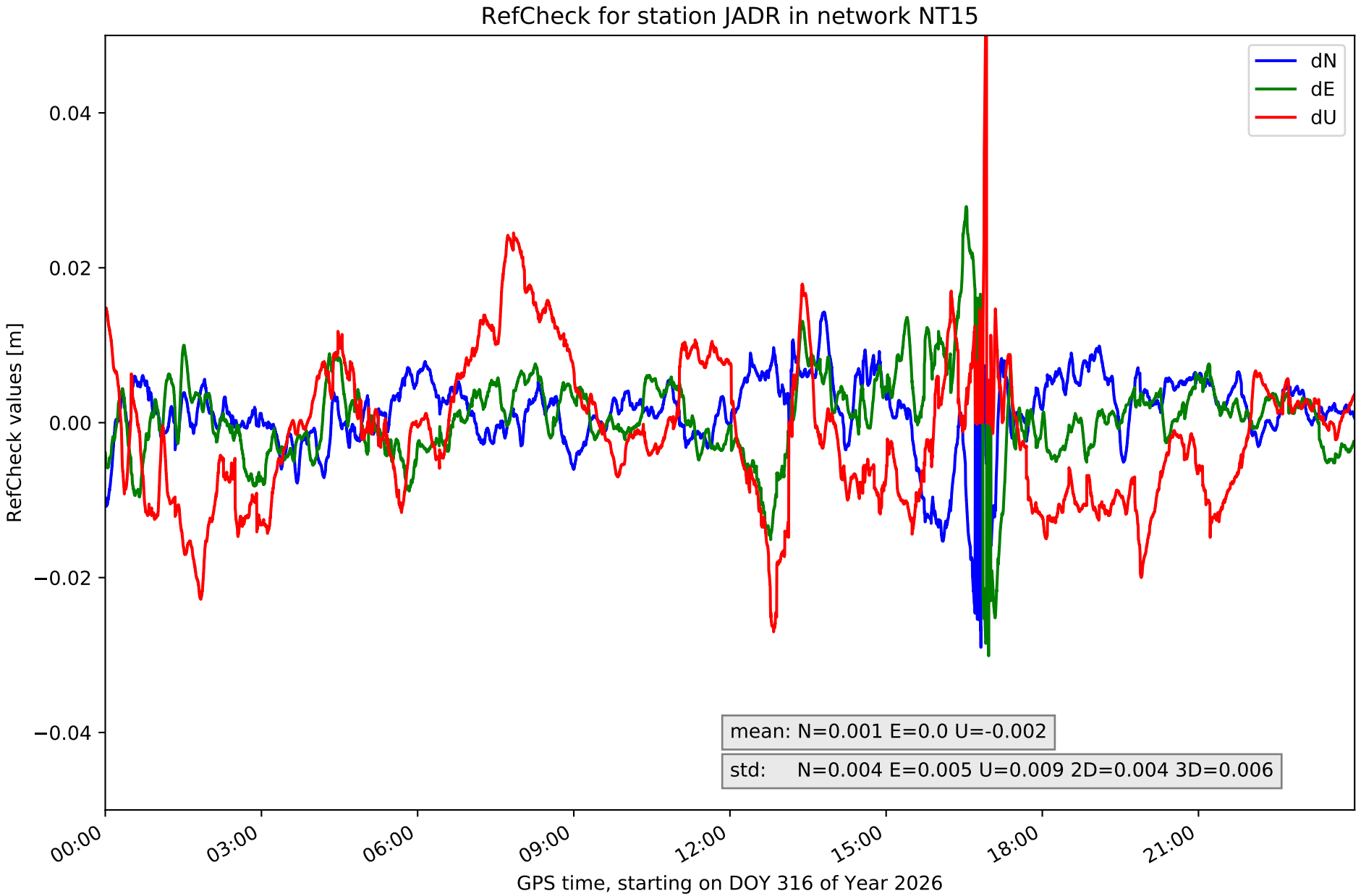

RefCheck for station ARAS in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.003 E=-0.002 U=0.004
std: N=0.004 E=0.004 U=0.015 2D=0.004 3D=0.012
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

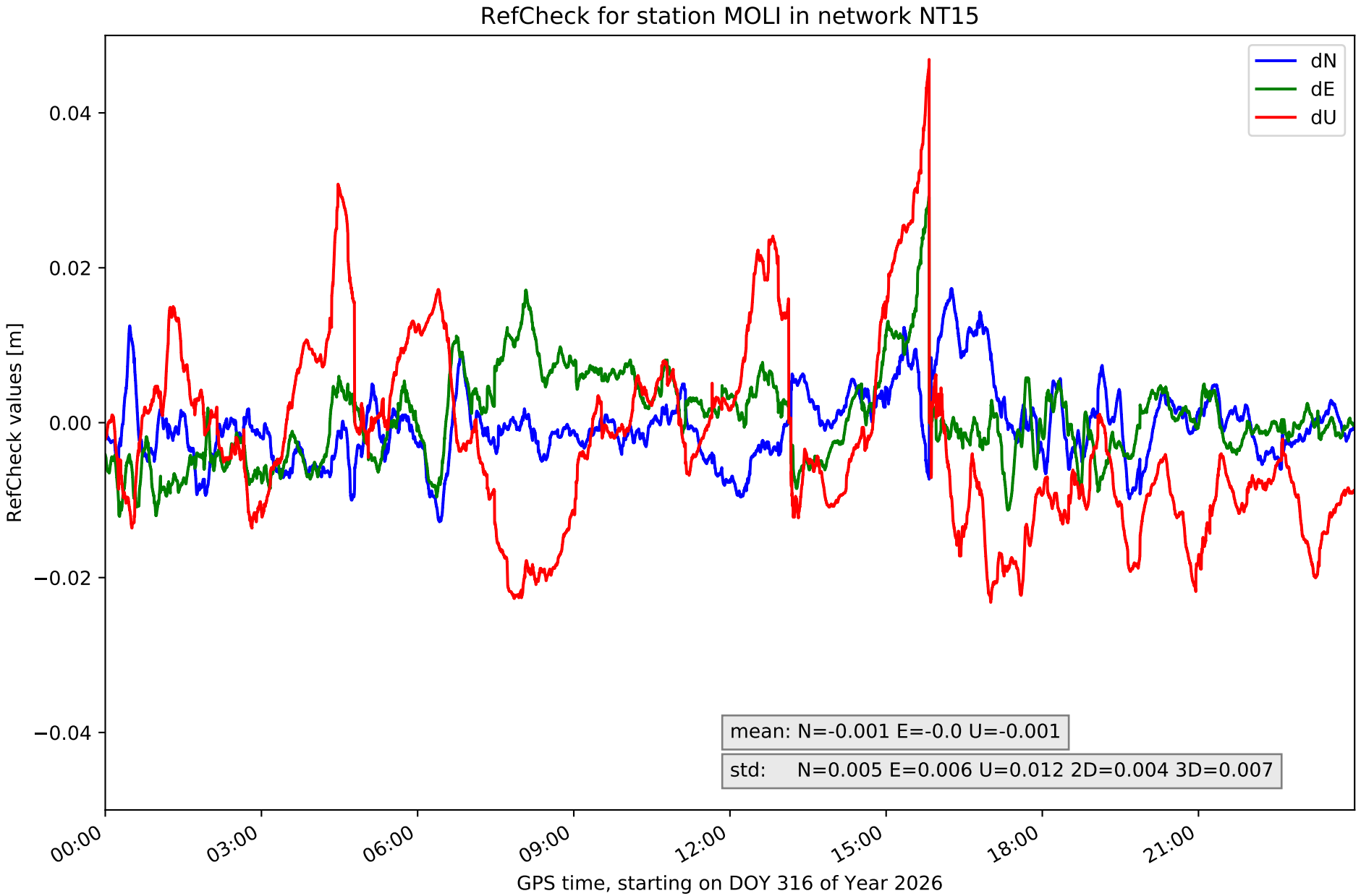

RefCheck for station BERG in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.007 E=0.007 U=-0.005
std: N=0.004 E=0.007 U=0.014 2D=0.006 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

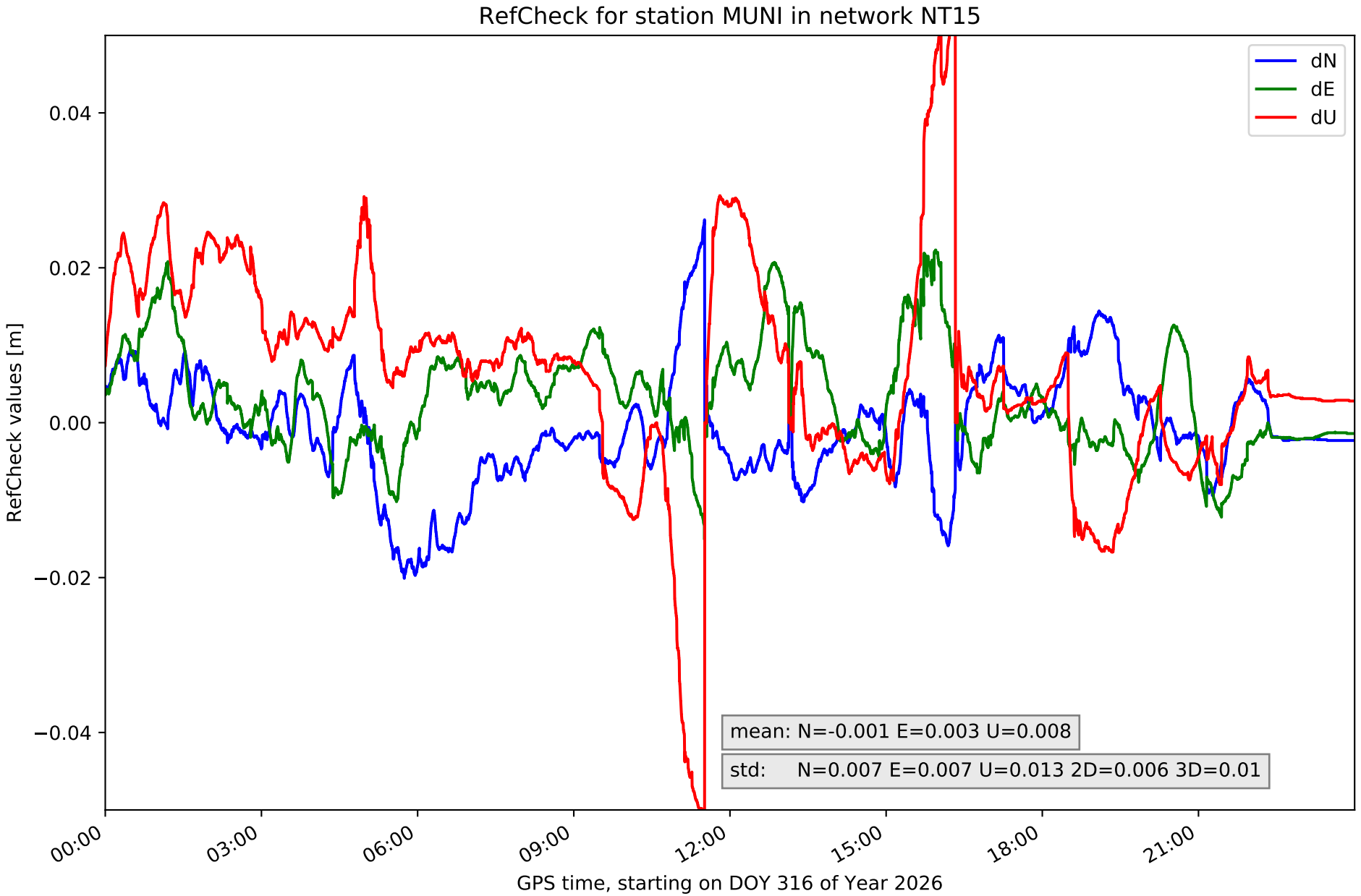

RefCheck for station CALA in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=-0.006 U=-0.001
std: N=0.004 E=0.004 U=0.01 2D=0.004 3D=0.005
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

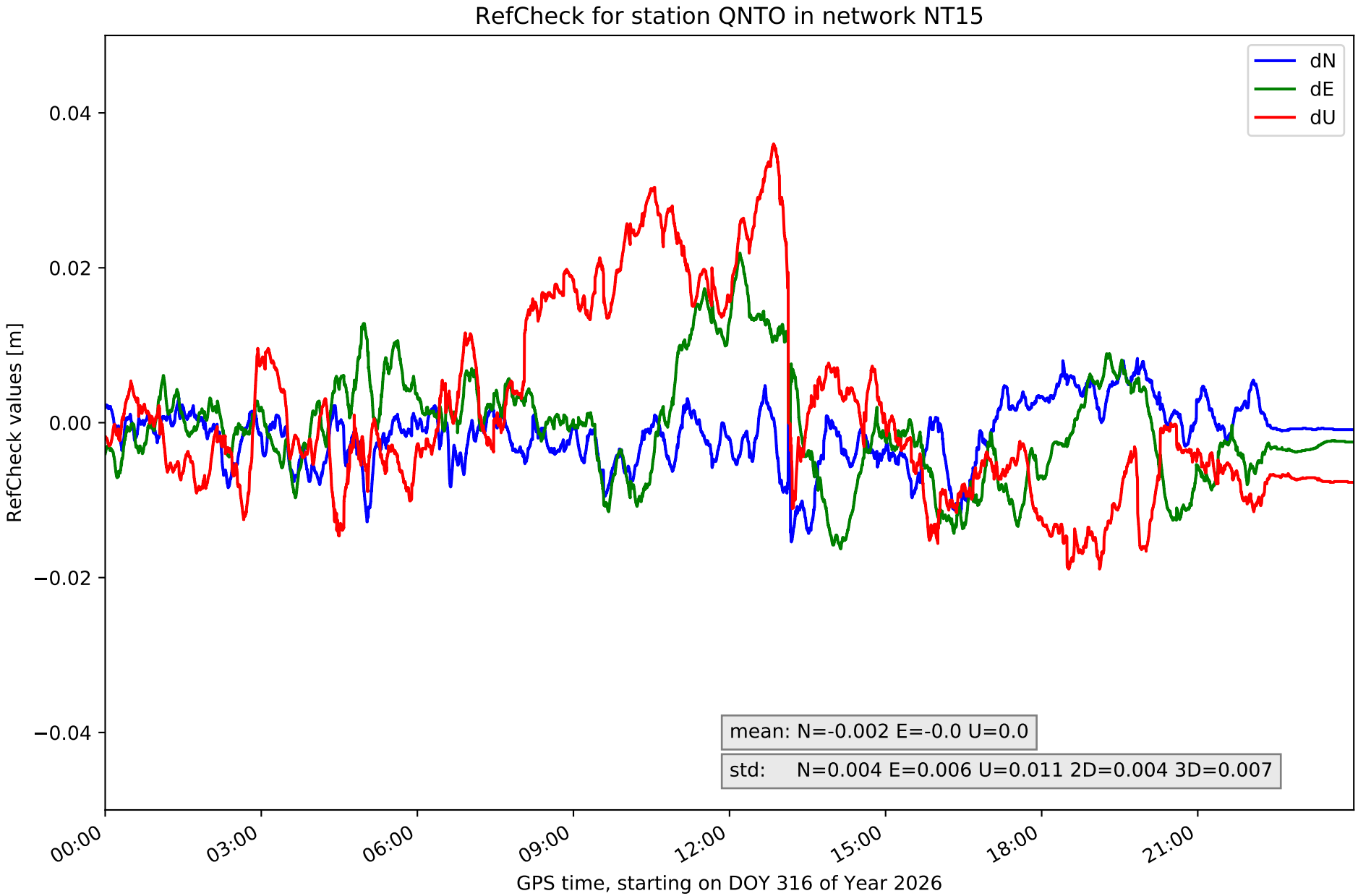

RefCheck for station CATY in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=-0.007 U=-0.007
std: N=0.005 E=0.008 U=0.014 2D=0.007 3D=0.009
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

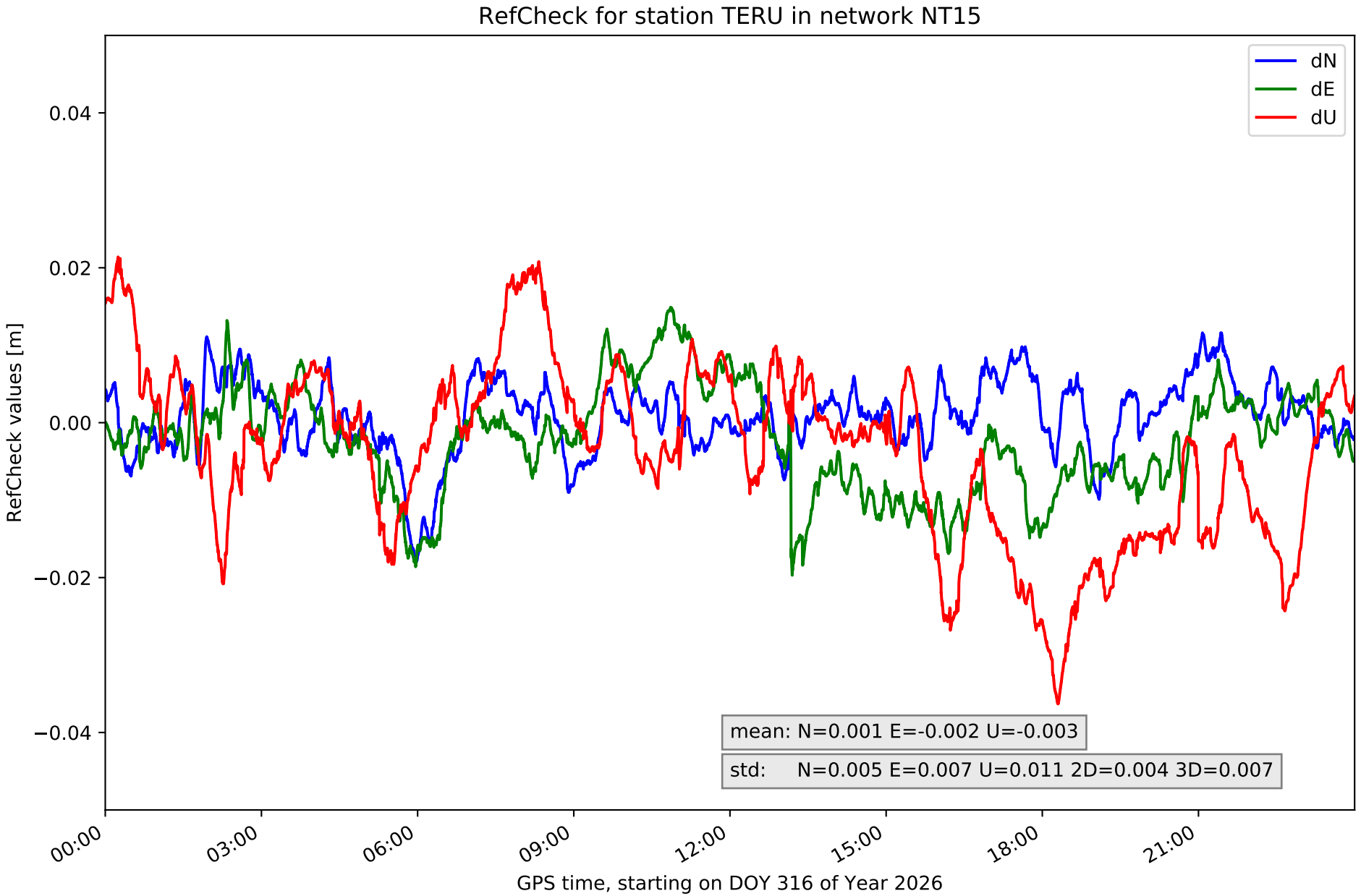

RefCheck for station CRNA in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=-0.002 U=-0.006
std: N=0.007 E=0.009 U=0.015 2D=0.006 3D=0.007
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026

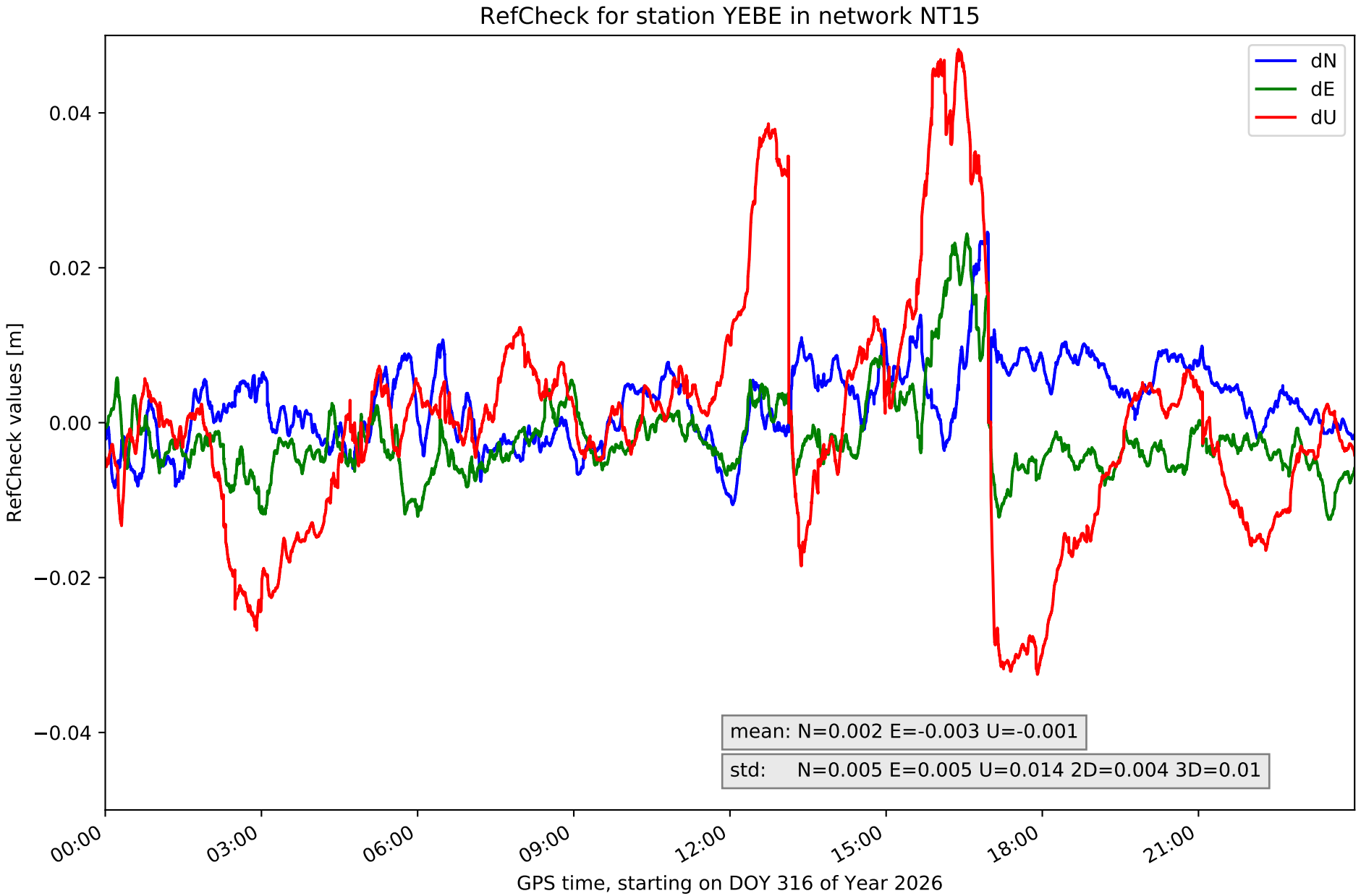

RefCheck for station JADR in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=0.001 E=0.0 U=-0.002
std: N=0.004 E=0.005 U=0.009 2D=0.004 3D=0.006
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026


RefCheck for station MOLI in network NT15
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=0.005 E=0.006 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 316 of Year 2026


RefCheck for station MUNI in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.001 E=0.003 U=0.008
std: N=0.007 E=0.007 U=0.013 2D=0.006 3D=0.01
00:00
03:00
06:00
09:00
12:00
15:00
18:00
21:00
GPS time, starting on DOY 316 of Year 2026


RefCheck for station QNTO in network NT15
dN
dE
dU
0.04
0.02
0.00
−0.02
−0.04
RefCheck values [m]
mean: N=-0.002 E=-0.0 U=0.0
std: N=0.004 E=0.006 U=0.011 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 316 of Year 2026


RefCheck for station TERU in network NT15
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=0.005 E=0.007 U=0.011 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 316 of Year 2026


RefCheck for station YEBE in network NT15
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=0.005 E=0.005 U=0.014 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 316 of Year 2026

RefCheck values for network NT15

Station	Nmin	Nmax	Nstd	Emin	Emax	Estd	Umin	Umax	Ustd	std2D	std3D	#2D > 0.01	% 2D > 0.01	#3D > 0.02	% 3D > 0.02
ACIN	-0.011	0.015	0.005	-0.009	0.015	0.004	-0.026	0.02	0.011	0.003	0.005	10879	19.8	4909	8.9
AGRD	-0.02	0.024	**0.007**	-0.025	0.028	**0.009**	-0.043	0.034	0.013	**0.007**	0.008	21929	39.9	21566	39.3
AJAL	-0.012	0.019	0.005	-0.014	0.015	0.006	-0.047	0.037	**0.015**	0.003	0.009	9300	16.9	9934	18.1
ALC1	-0.016	0.017	0.005	-0.021	0.019	0.006	-0.039	0.019	0.011	0.004	0.007	12353	22.5	5265	9.6
ALIA	-0.021	0.017	**0.007**	-0.02	0.025	0.008	-0.03	0.045	0.012	0.005	0.008	24669	44.9	9917	18.1
ARAS	-0.007	0.017	0.004	-0.016	0.007	0.004	-0.018	0.043	**0.015**	0.004	**0.012**	8565	15.6	8683	15.8
BERG	-0.019	0.005	0.004	-0.007	**0.029**	0.007	-0.029	0.024	0.014	0.006	0.005	**28665**	**52.2**	13766	25.1
CALA	-0.014	0.012	0.004	-0.02	0.007	0.004	-0.025	0.029	0.01	0.004	0.005	14481	26.4	3396	6.2
CATY	-0.017	0.022	0.005	**-0.03**	0.016	0.008	-0.045	0.027	0.014	**0.007**	0.009	26641	48.5	17600	32.0
CRNA	-0.024	0.017	**0.007**	-0.026	0.021	**0.009**	-0.04	0.027	**0.015**	0.006	0.007	27262	49.6	**22679**	**41.3**
JADR	**-0.029**	0.014	0.004	**-0.03**	0.028	0.005	-0.027	**0.063**	0.009	0.004	0.006	5486	10.0	2952	5.4
MOLI	-0.013	0.017	0.005	-0.012	**0.029**	0.006	-0.023	0.047	0.012	0.004	0.007	7986	14.5	7221	13.1
MUNI	-0.02	**0.026**	**0.007**	-0.015	0.022	0.007	**-0.054**	0.06	0.013	0.006	0.01	19681	35.8	17512	31.9
QNTO	-0.015	0.008	0.004	-0.016	0.022	0.006	-0.019	0.036	0.011	0.004	0.007	11132	20.3	6048	11.0
TERU	-0.018	0.012	0.005	-0.02	0.015	0.007	-0.036	0.021	0.011	0.004	0.007	12216	22.2	7729	14.1
YEBE	-0.011	0.025	0.005	-0.013	0.024	0.005	-0.033	0.048	0.014	0.004	0.01	8357	15.2	9564	17.4
Mean	**-0.017**	**0.017**	**0.005**	**-0.018**	**0.02**	**0.006**	**-0.033**	**0.036**	**0.013**	**0.005**	**0.008**	**15600.1**	**28.4**	**10546.3**	**19.2**
Min/Max	**-0.029**	**0.026**	**0.007**	**-0.03**	**0.029**	**0.009**	**-0.054**	**0.063**	**0.015**	**0.007**	**0.012**	**28665**	**52.2**	**22679**	**41.3**

fixing statistic for network NT15

fixing percentage of	all GNSS	G	R	E	C
using threshold 0.3	93.1	94.0	92.0	94.8	90.8
considering satellites with dual-frequency fixed	90.7	91.4	89.0	93.3	88.1
considering all signals separately	90.9	91.7	89.0	93.7	86.7