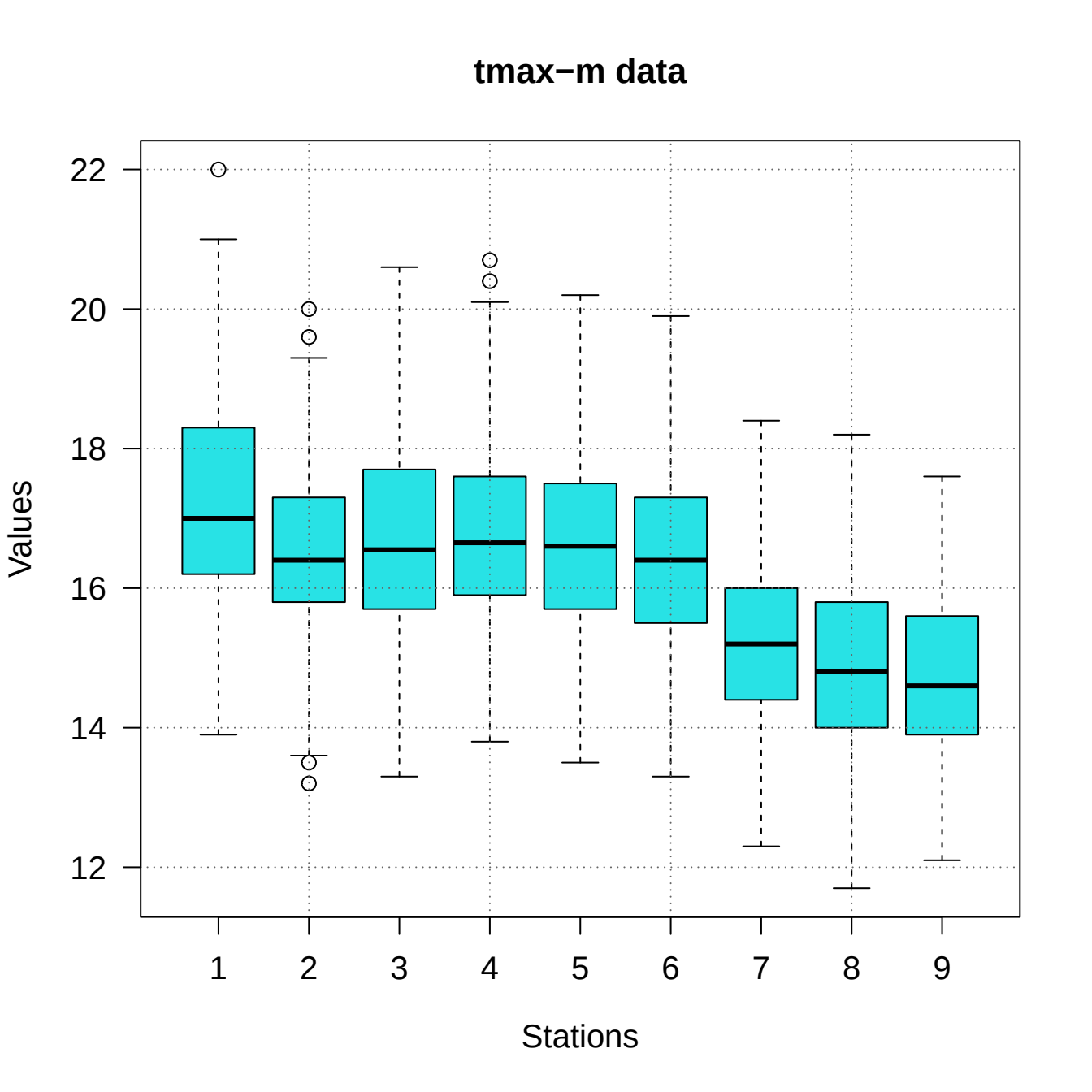
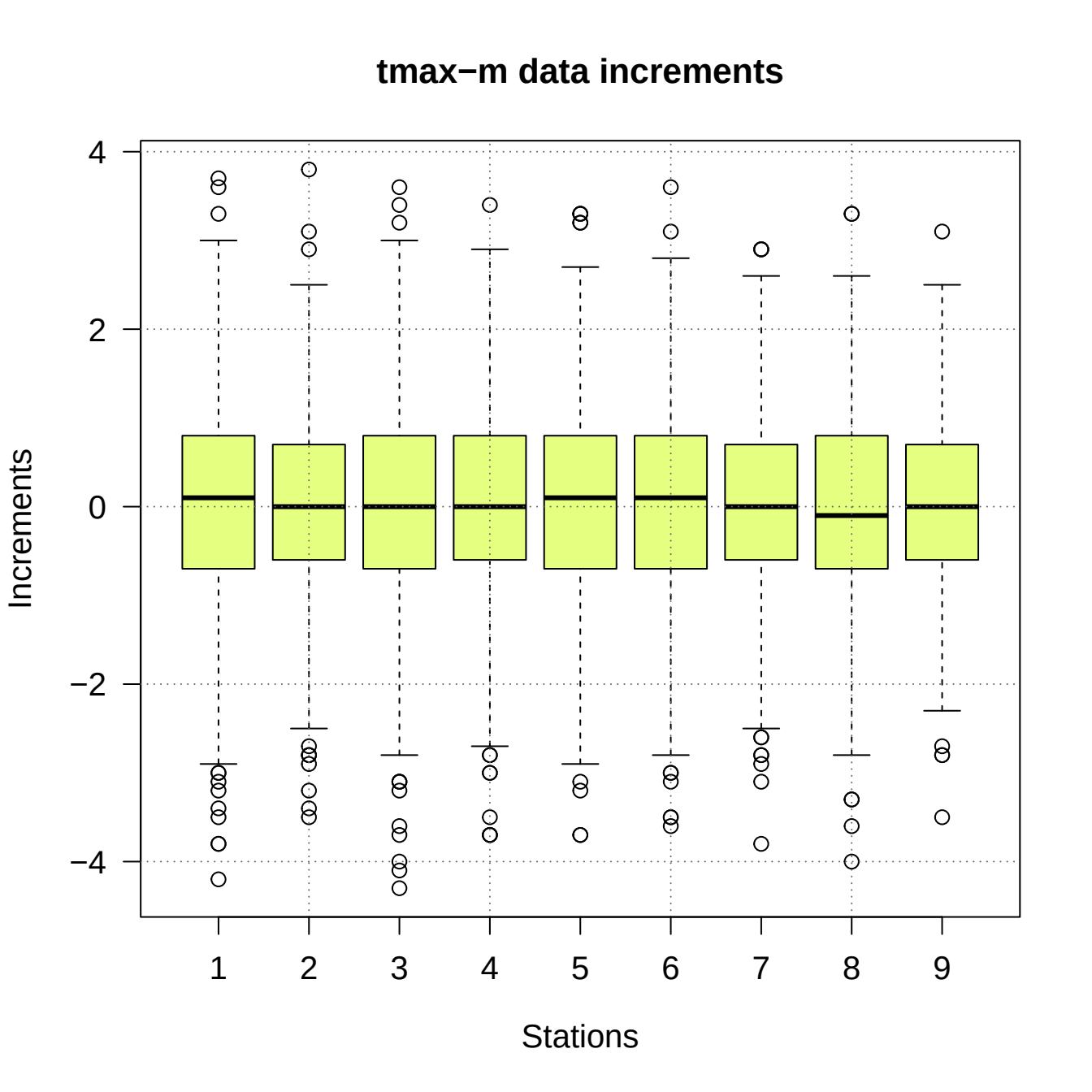
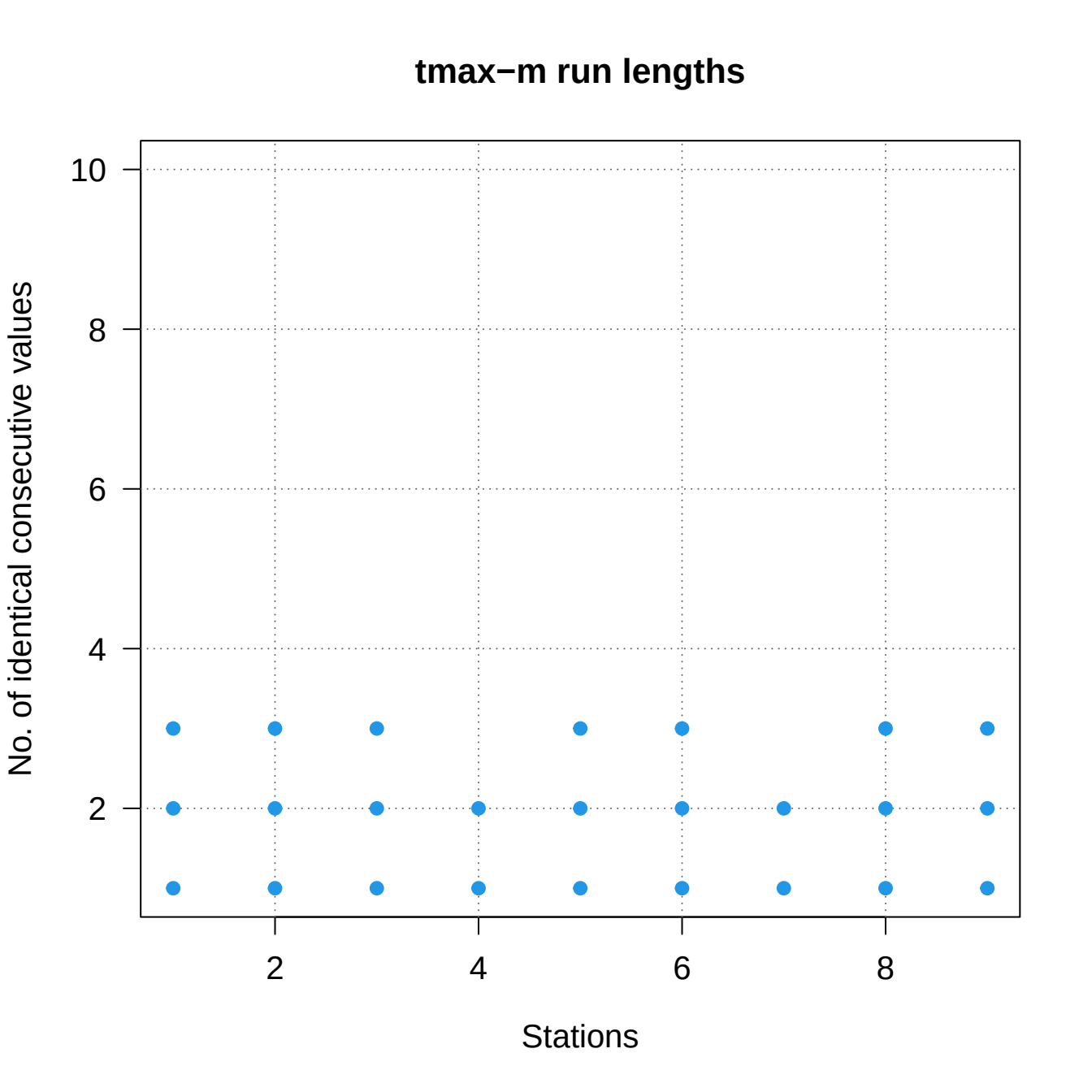
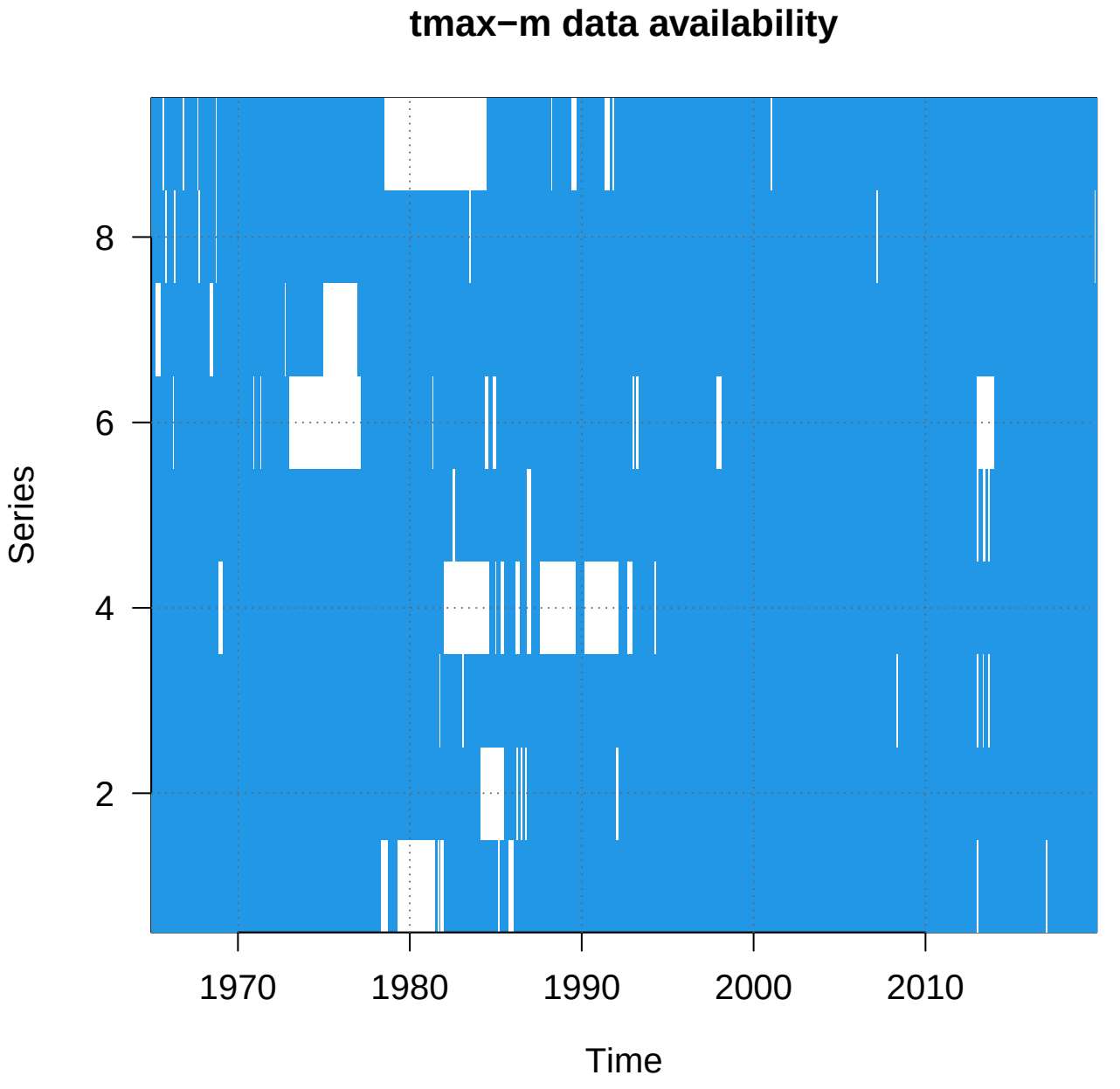
CLIMATOL 4.0.0

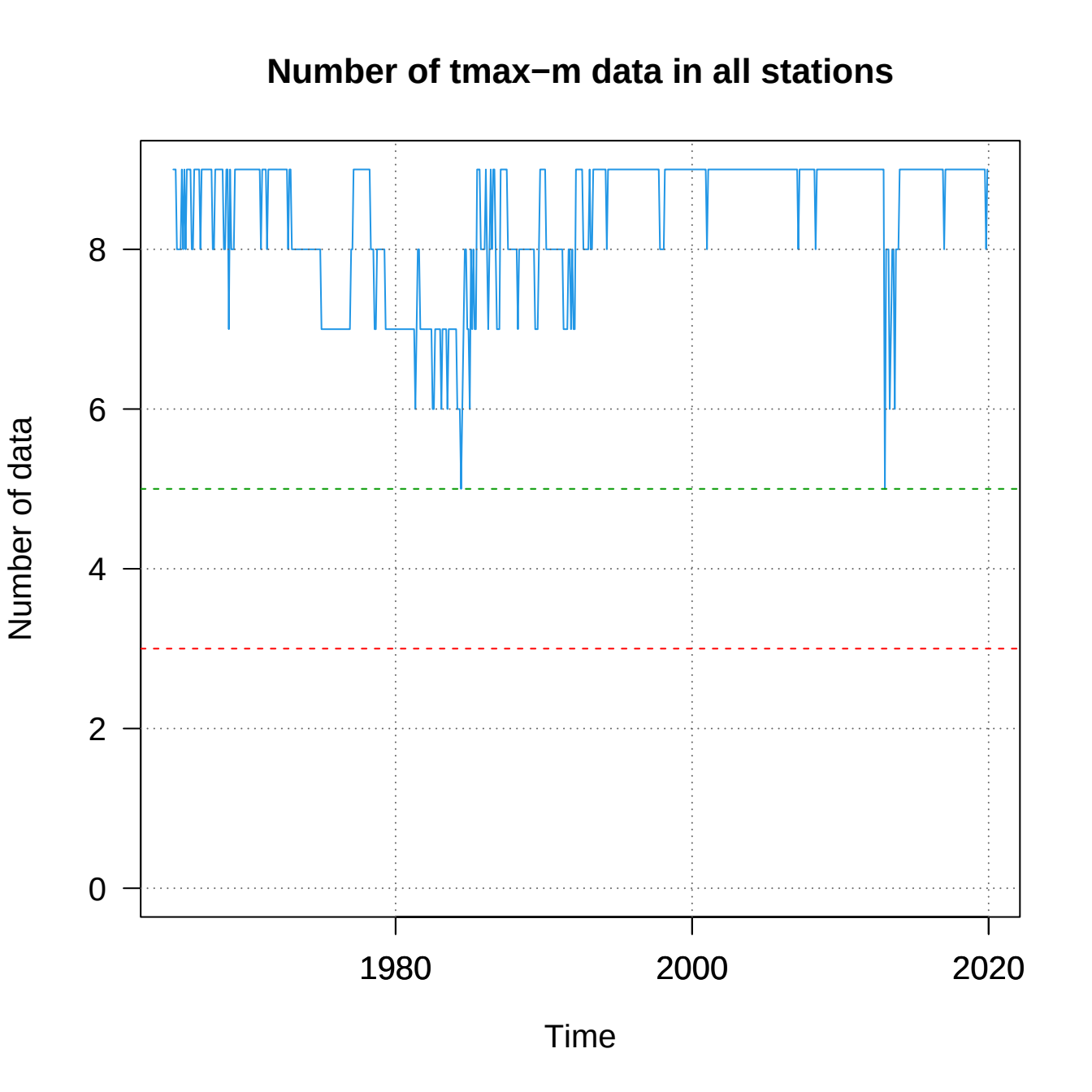
Homogenization
graphic output of
tmax−m
1965−2019

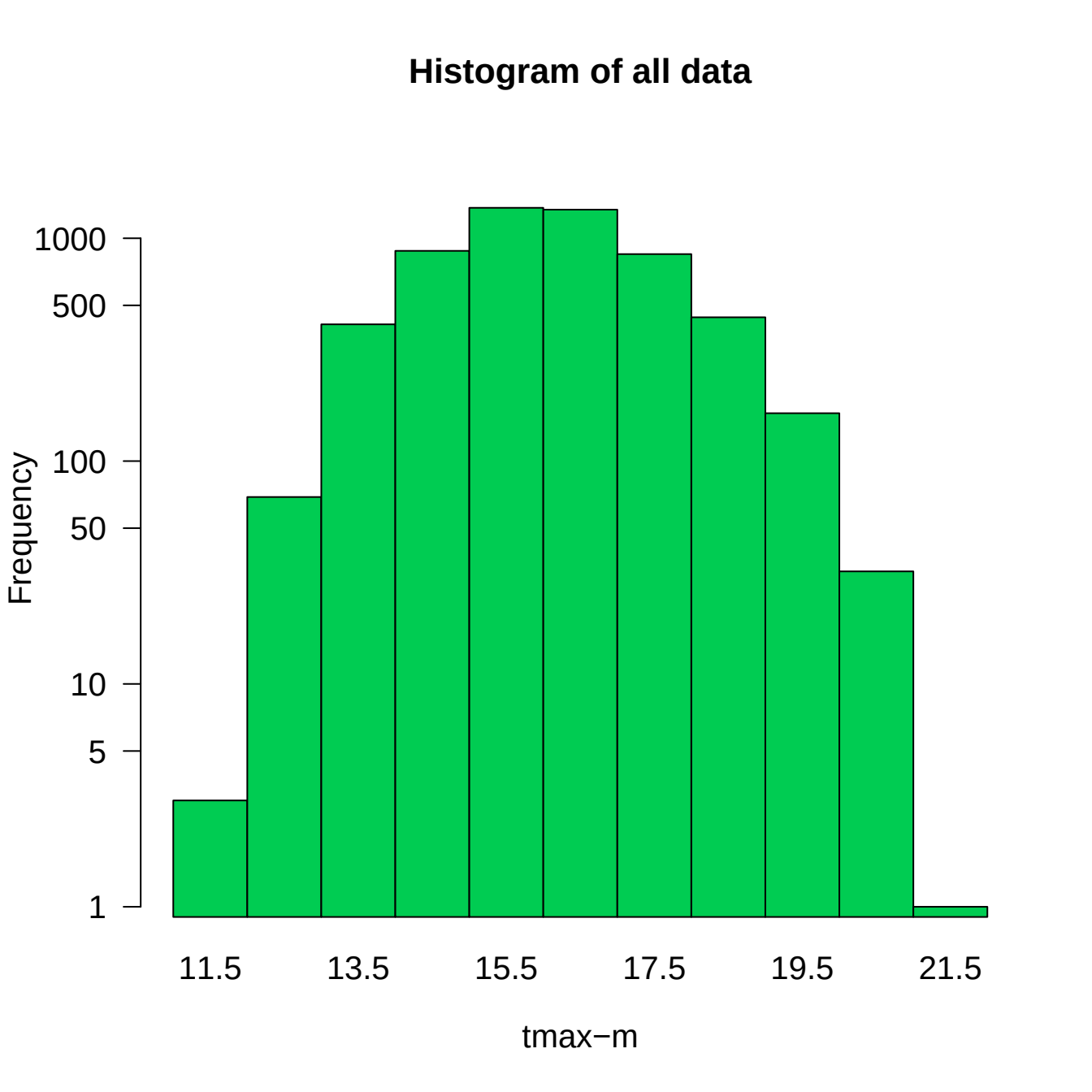

tmax−m data
Values
22
20
18
16
14
12
1
2
3
4
5
6
7
8
9
Stations

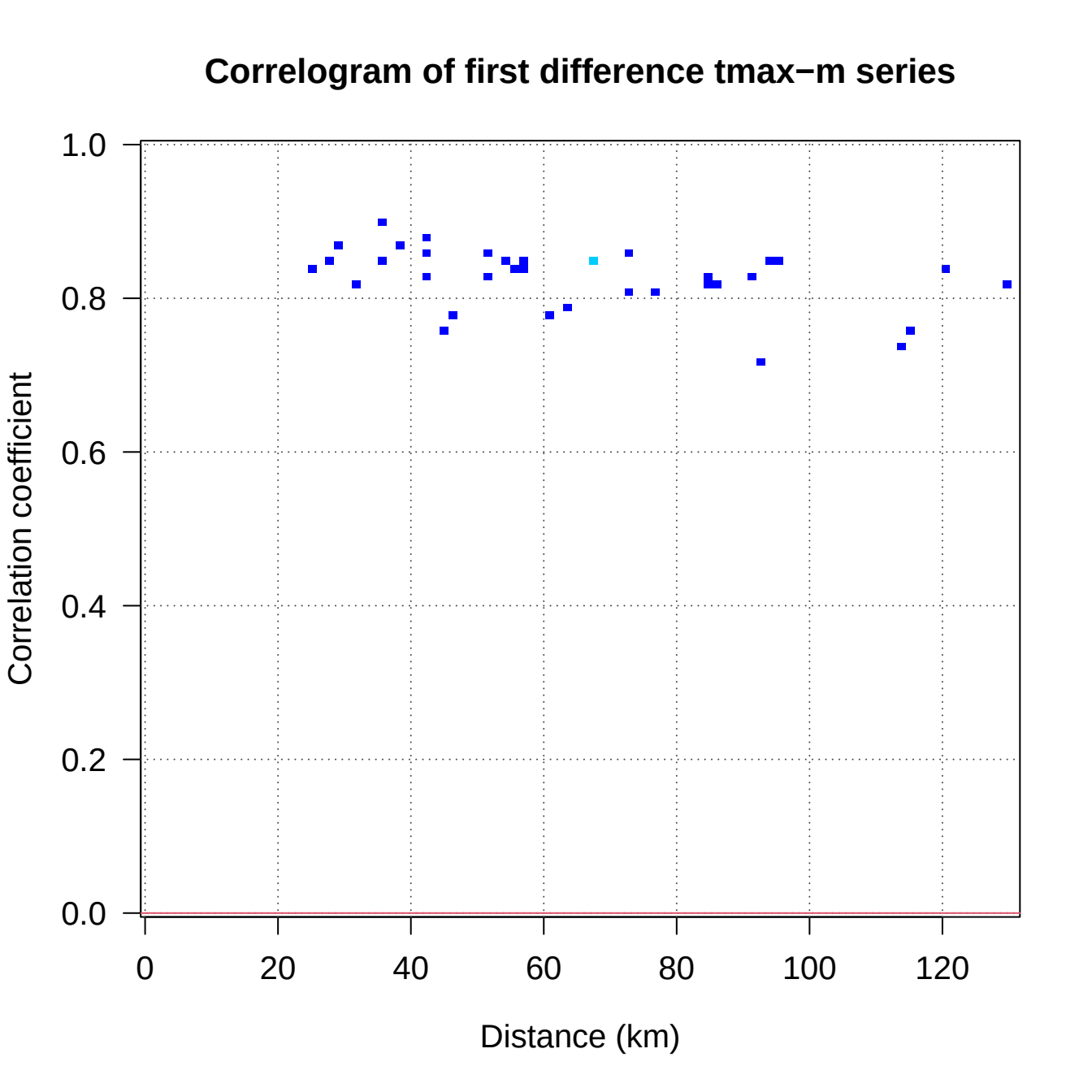

tmax−m data increments
Increments
4
2
0
−2
−4
1
2
3
4
5
6
7
8
9
Stations

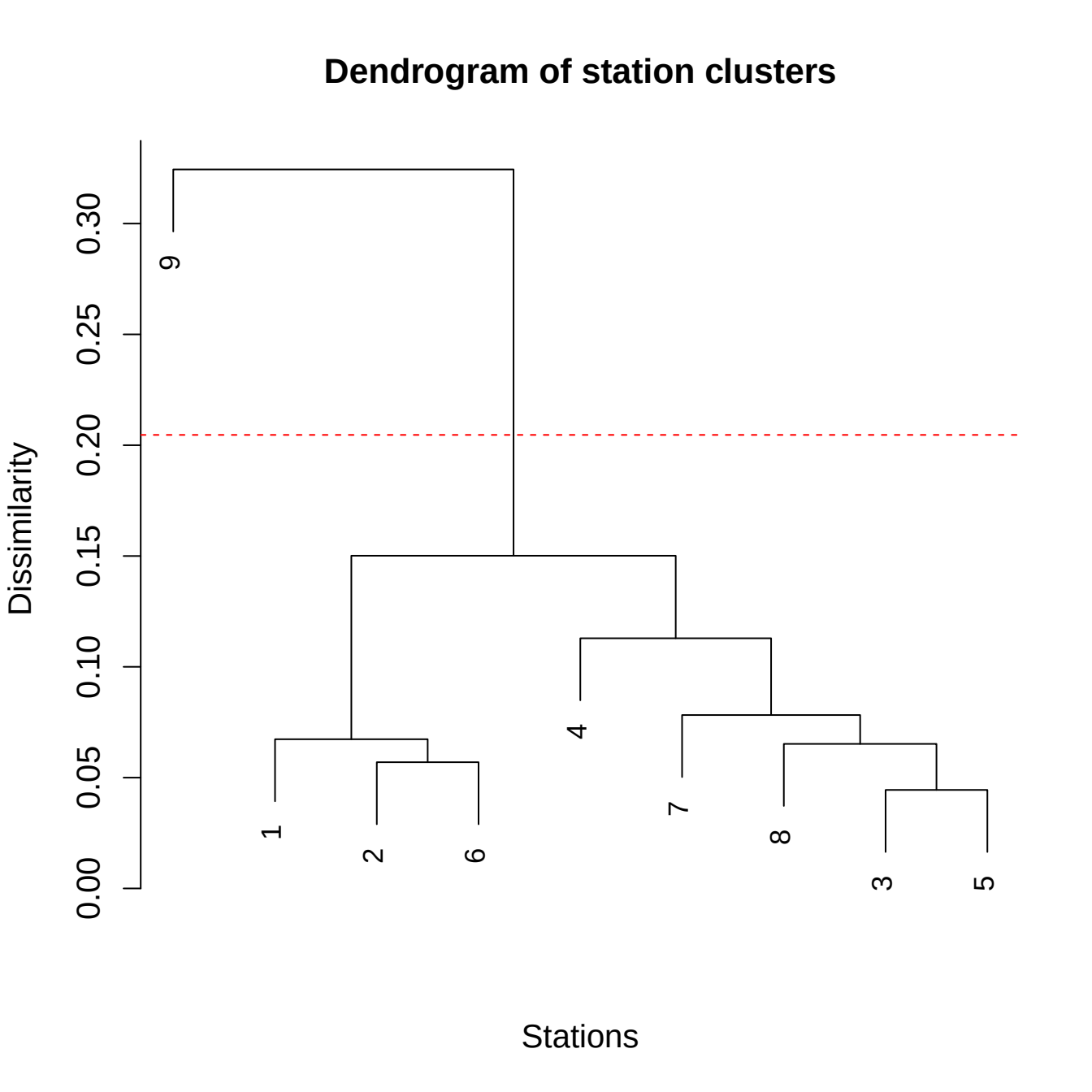

tmax−m run lengths
No. of identical consecutive values
10
8
6
4
2
2
4
6
8
Stations

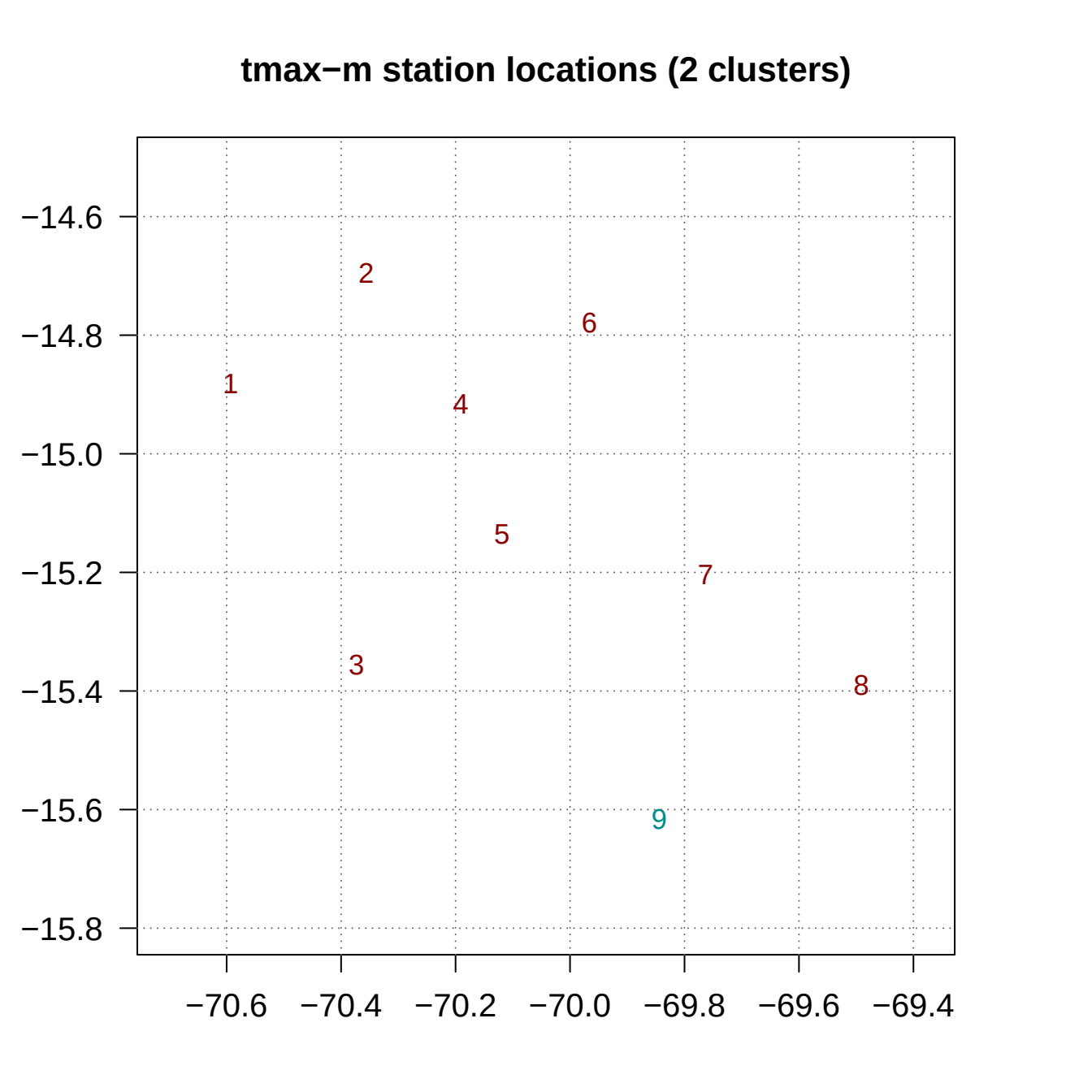

tmax−m data availability
Series
8
6
4
2
1970
1980
1990
2000
2010
Time


Number of tmax−m data in all stations
Number of data
0
2
4
6
8
1980
2000
2020
Time


Histogram of all data
Frequency
1000
500
100
50
10
5
1
11.5
13.5
15.5
17.5
19.5
21.5
tmax−m

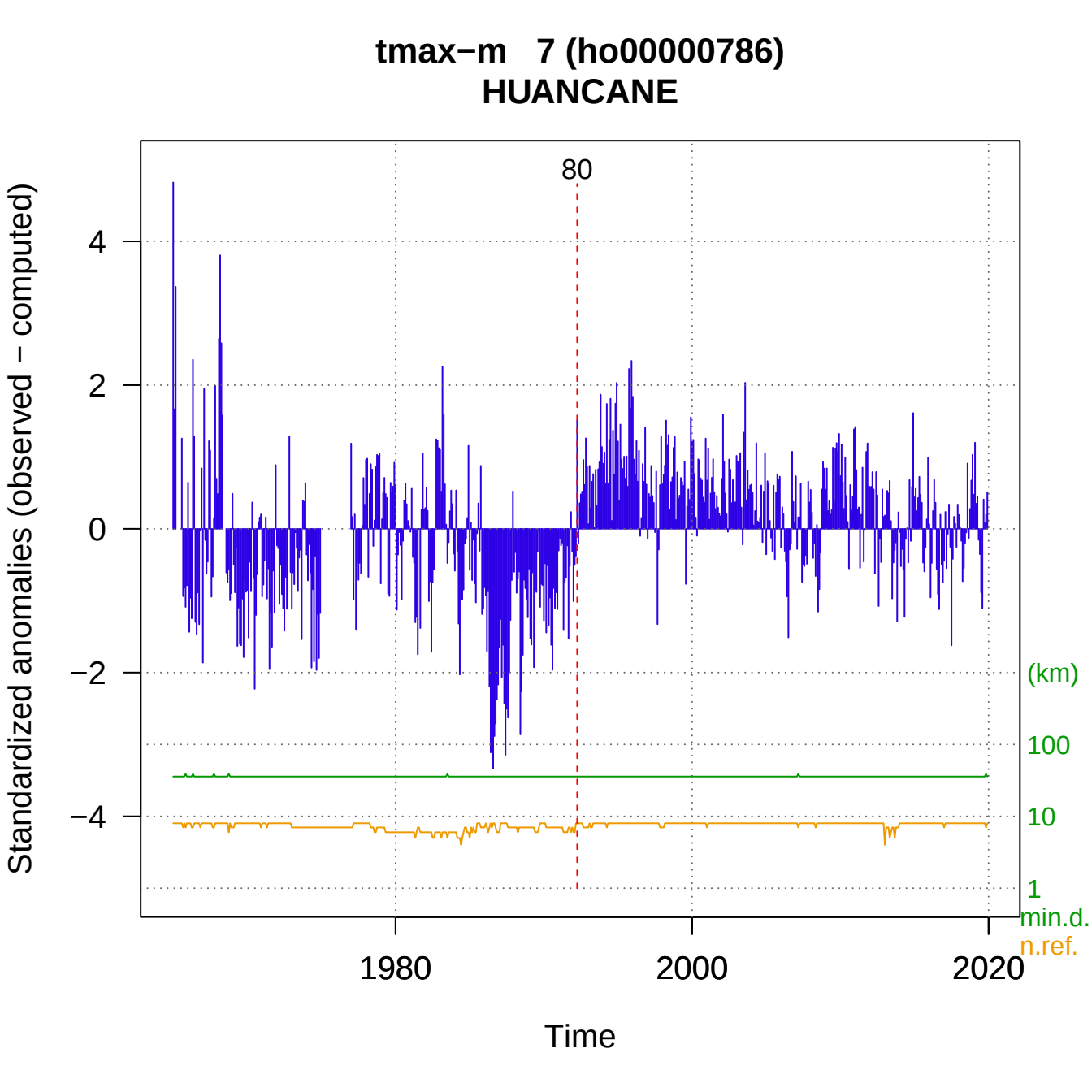

Correlogram of first difference tmax−m series
Correlation coefficient
1.0
0.8
0.6
0.4
0.2
0.0
0
20
40
60
80
100
120
Distance (km)

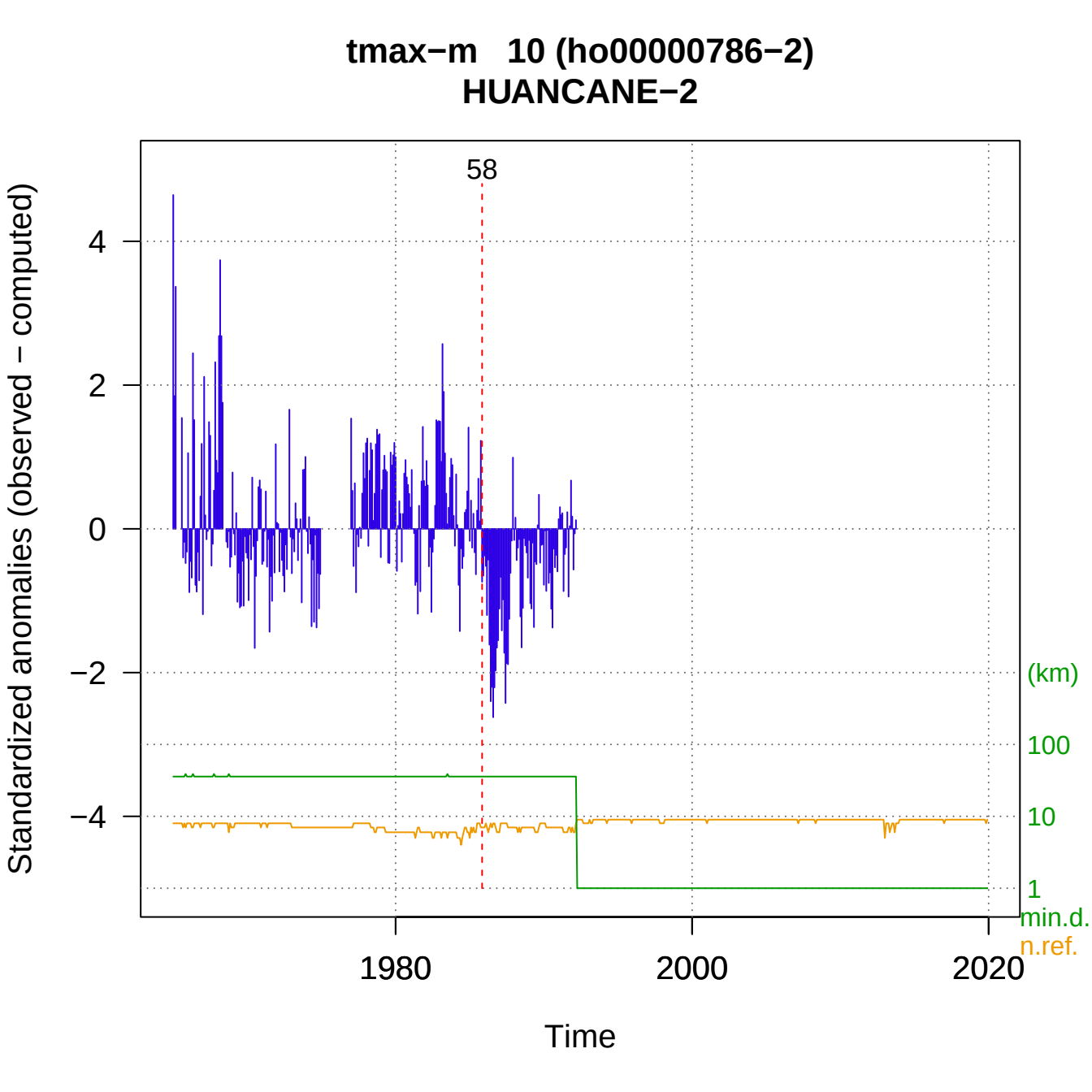

Dendrogram of station clusters
Dissimilarity
0.00
0.05
0.10
0.15
0.20
0.25
0.30
9
1
2
6
4
7
8
3
5
Stations

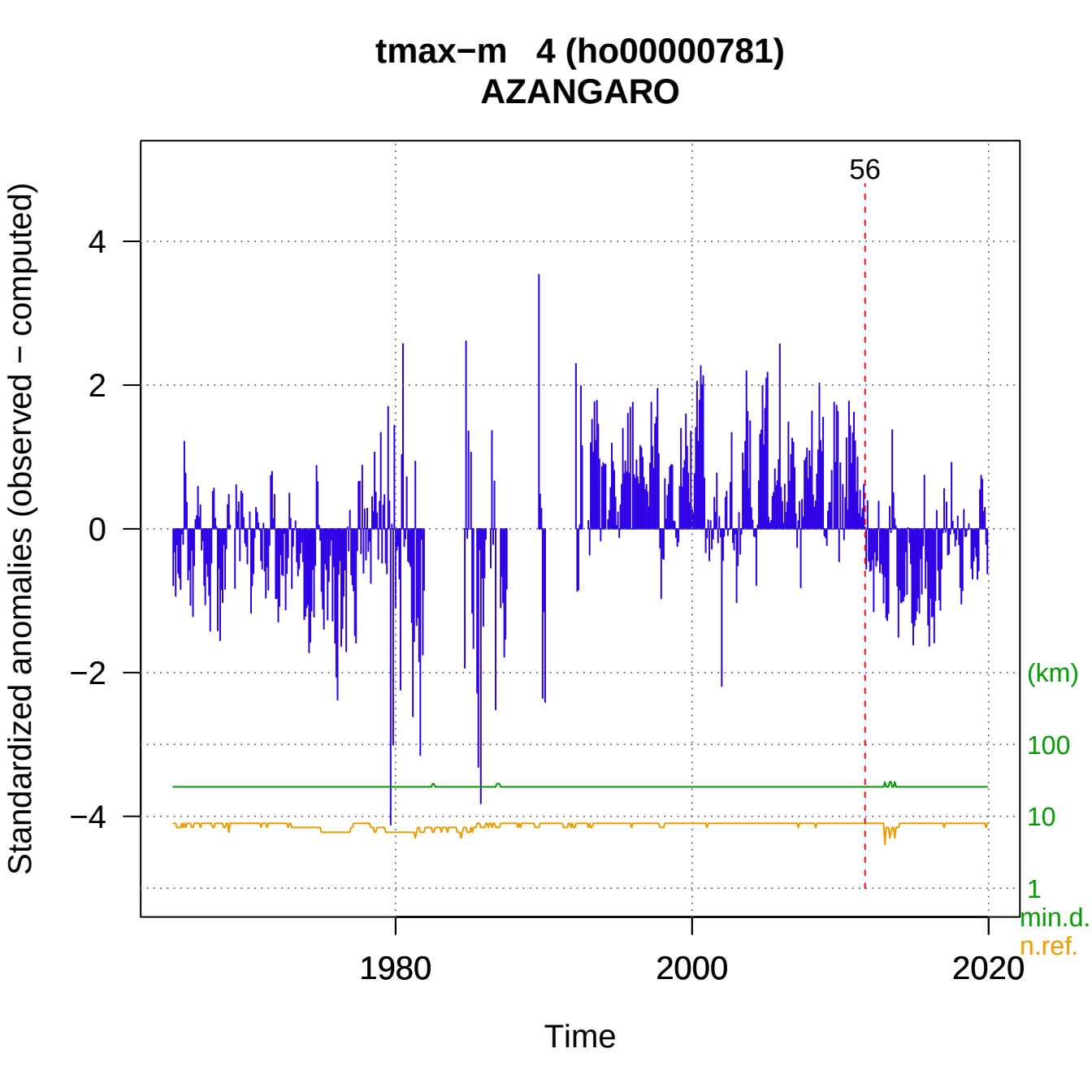

tmax−m station locations (2 clusters)
−14.6
−14.8
−15.0
−15.2
−15.4
−15.6
−15.8
−70.6
−70.4
−70.2
−70.0
−69.8
−69.6
−69.4
1
2
3
4
5
6
7
8
9

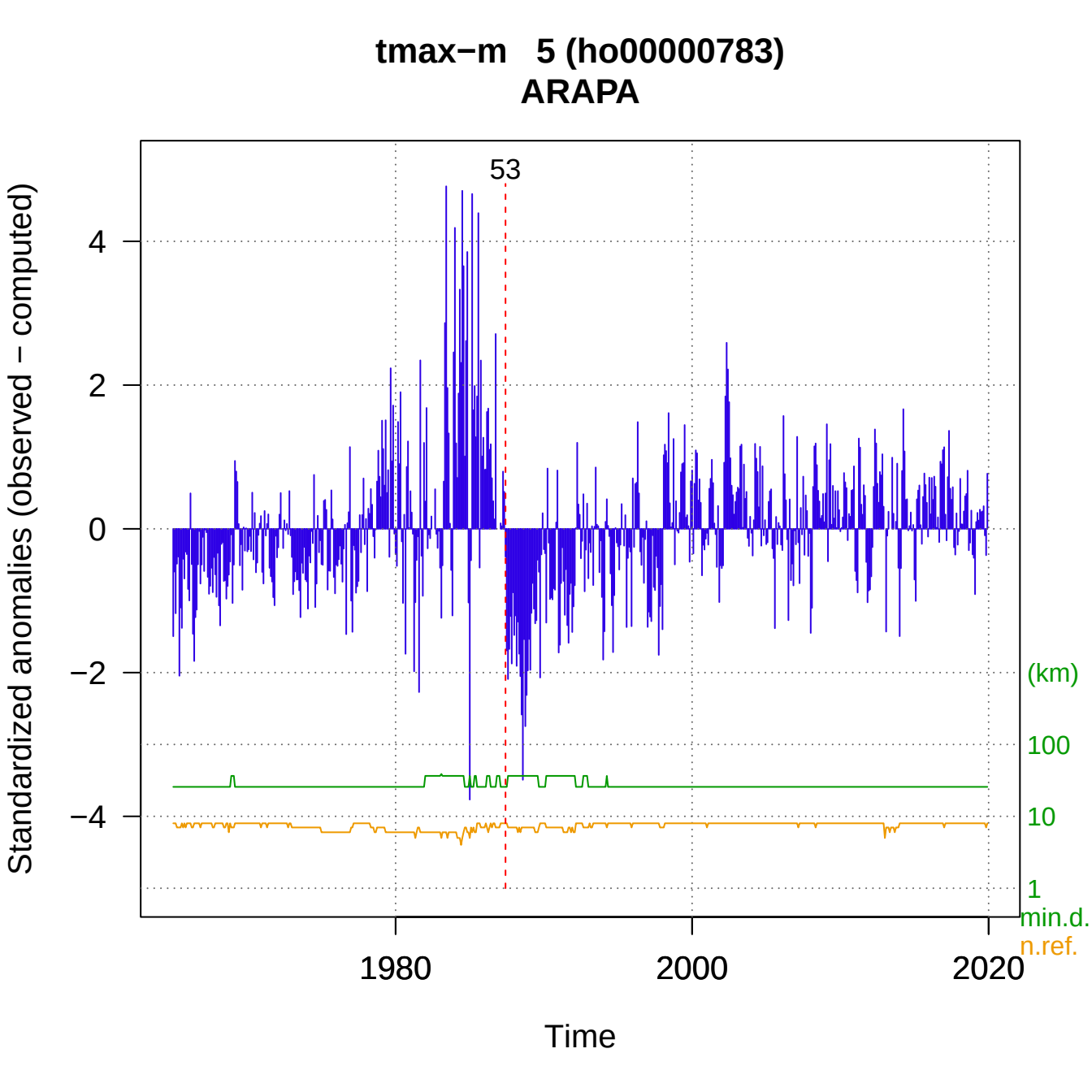
Stage 1

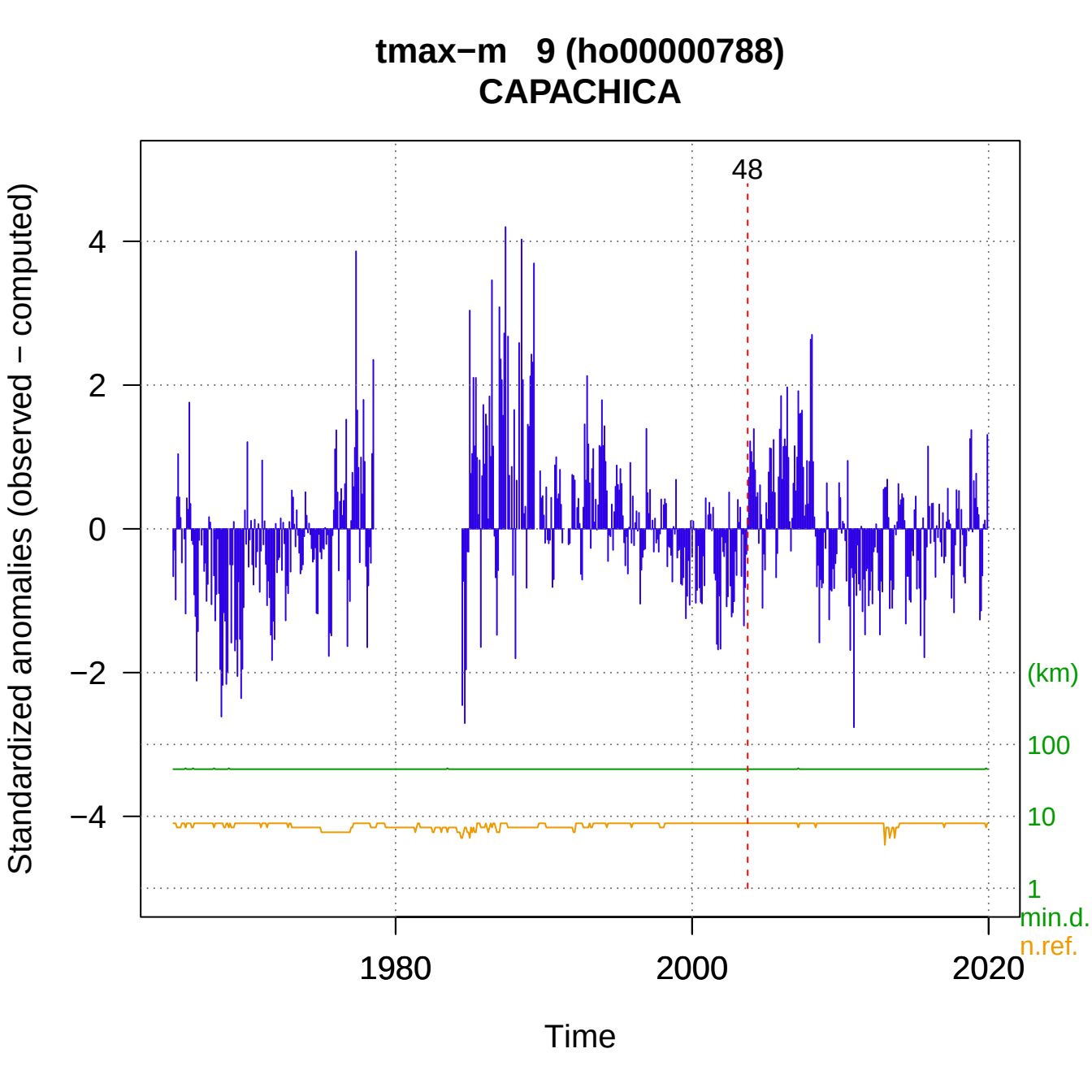
Binary splits on 60 term stepped windows with std=3, SNHT>25 and wd=0 km

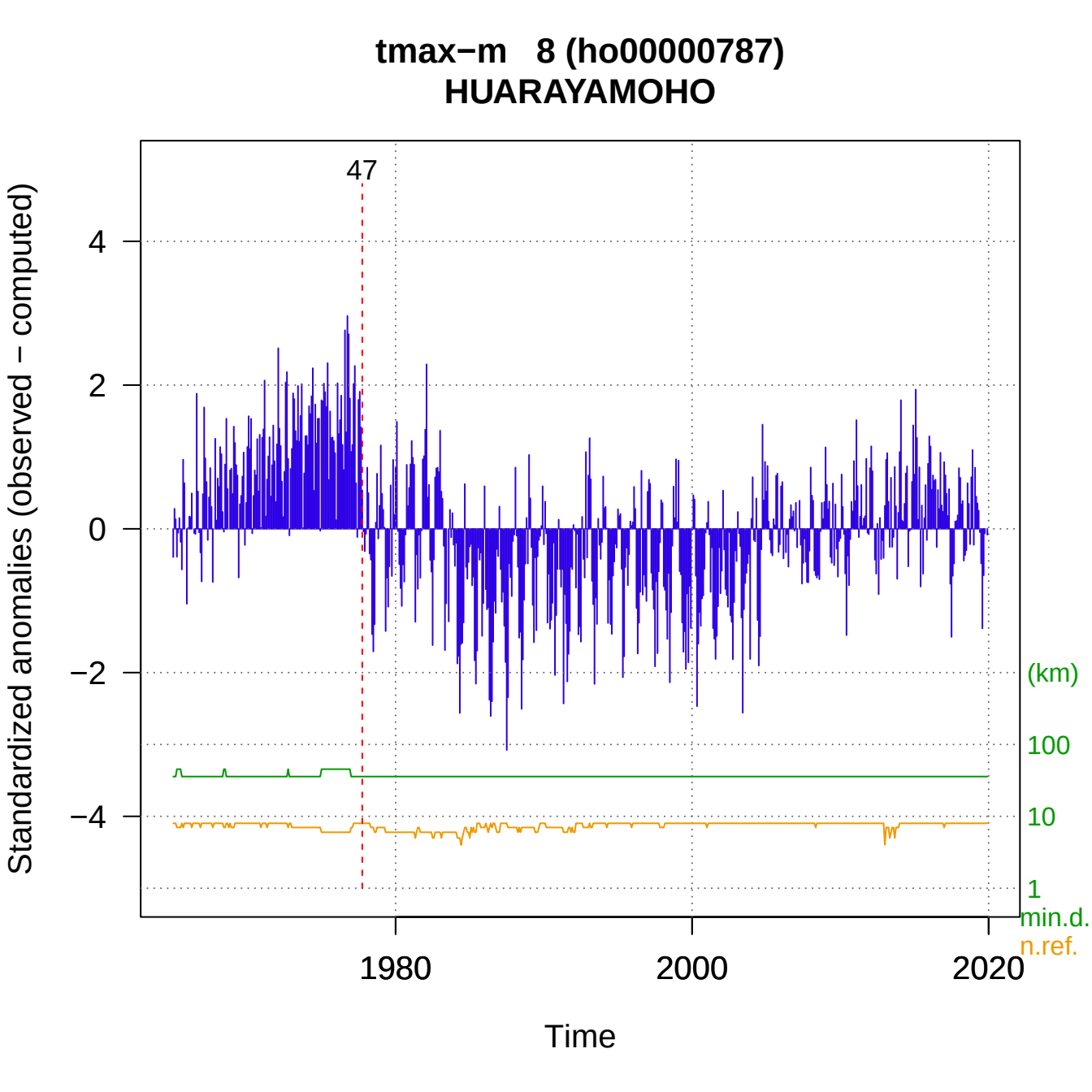

tmax−m 7 (ho00000786)
HUANCANE
80
4
2
0
−2
−4
Standardized anomalies (observed − computed)
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

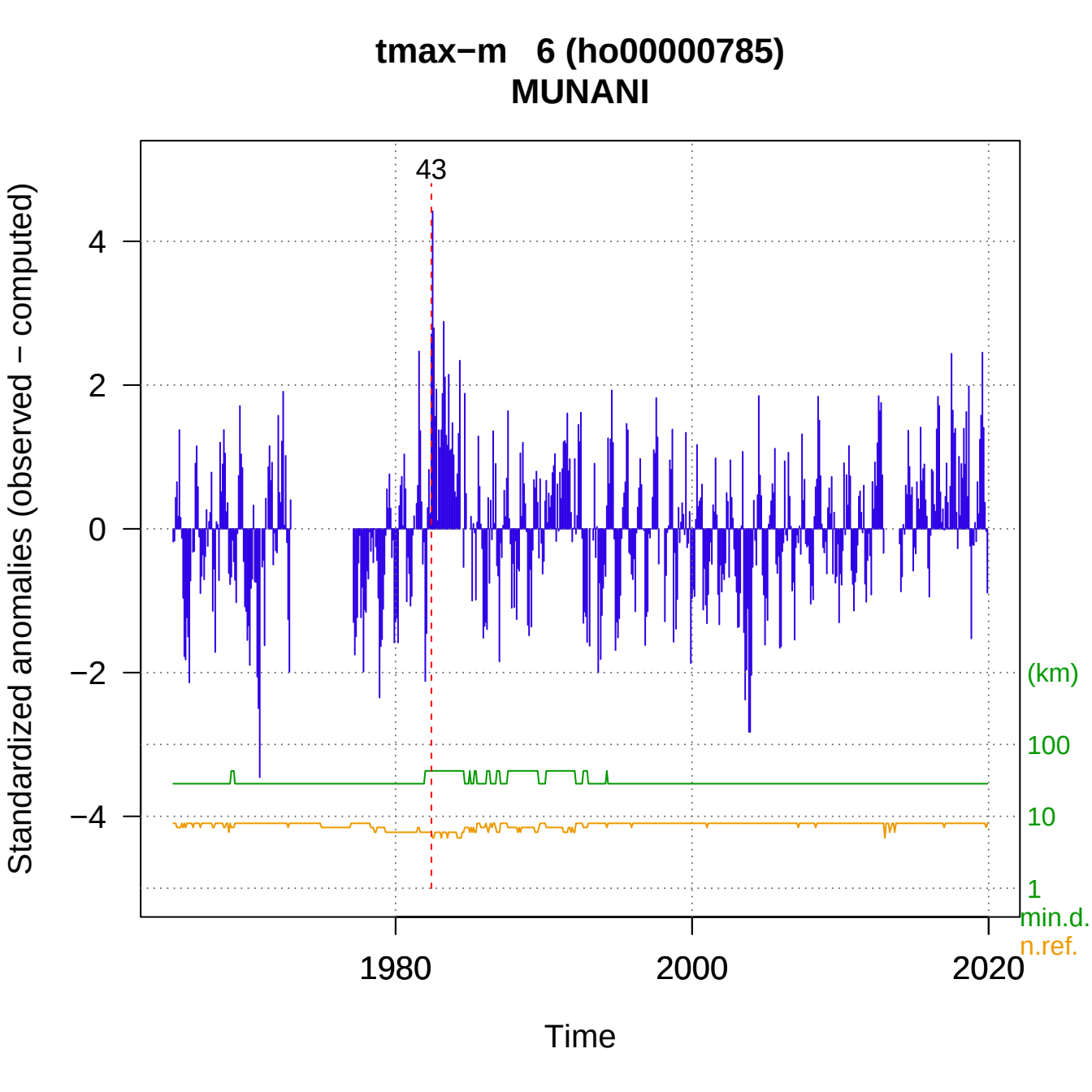

tmax−m 10 (ho00000786−2)
HUANCANE−2
58
Standardized anomalies (observed − computed)
4
2
0
−2
−4
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

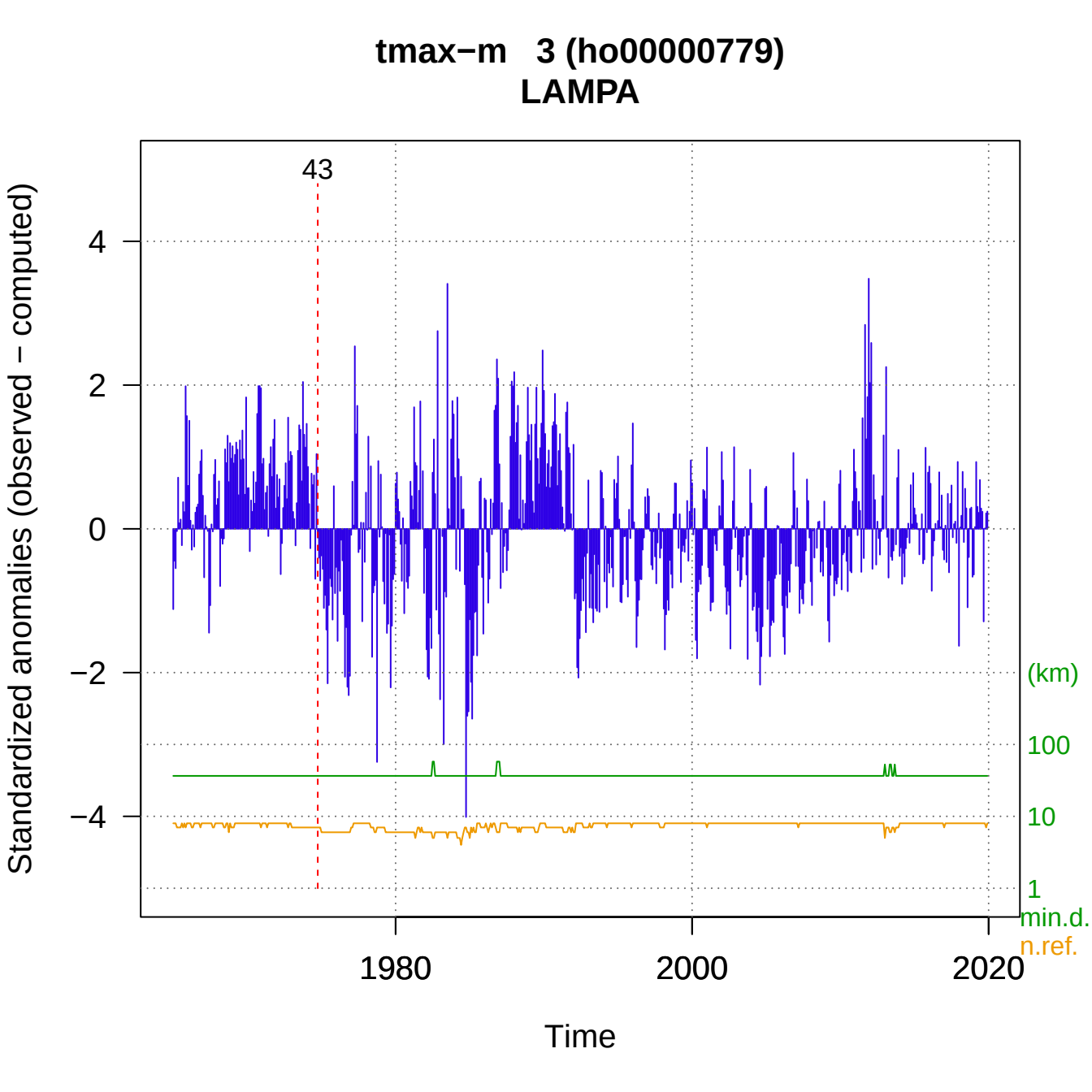

tmax−m 4 (ho00000781)
AZANGARO
56
4
2
0
−2
−4
Standardized anomalies (observed − computed)
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

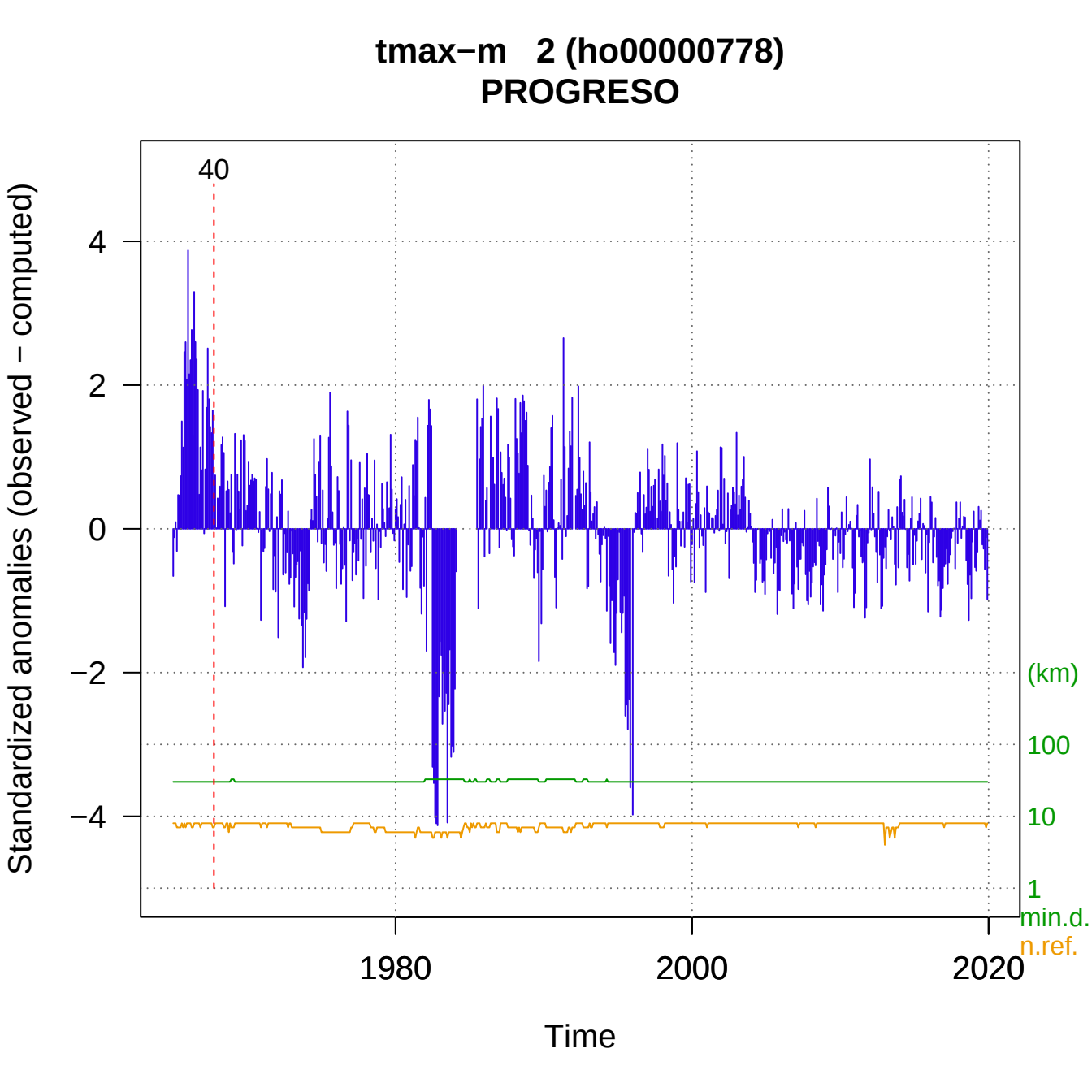

tmax−m 5 (ho00000783)
ARAPA
53
Standardized anomalies (observed − computed)
4
2
0
−2
−4
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

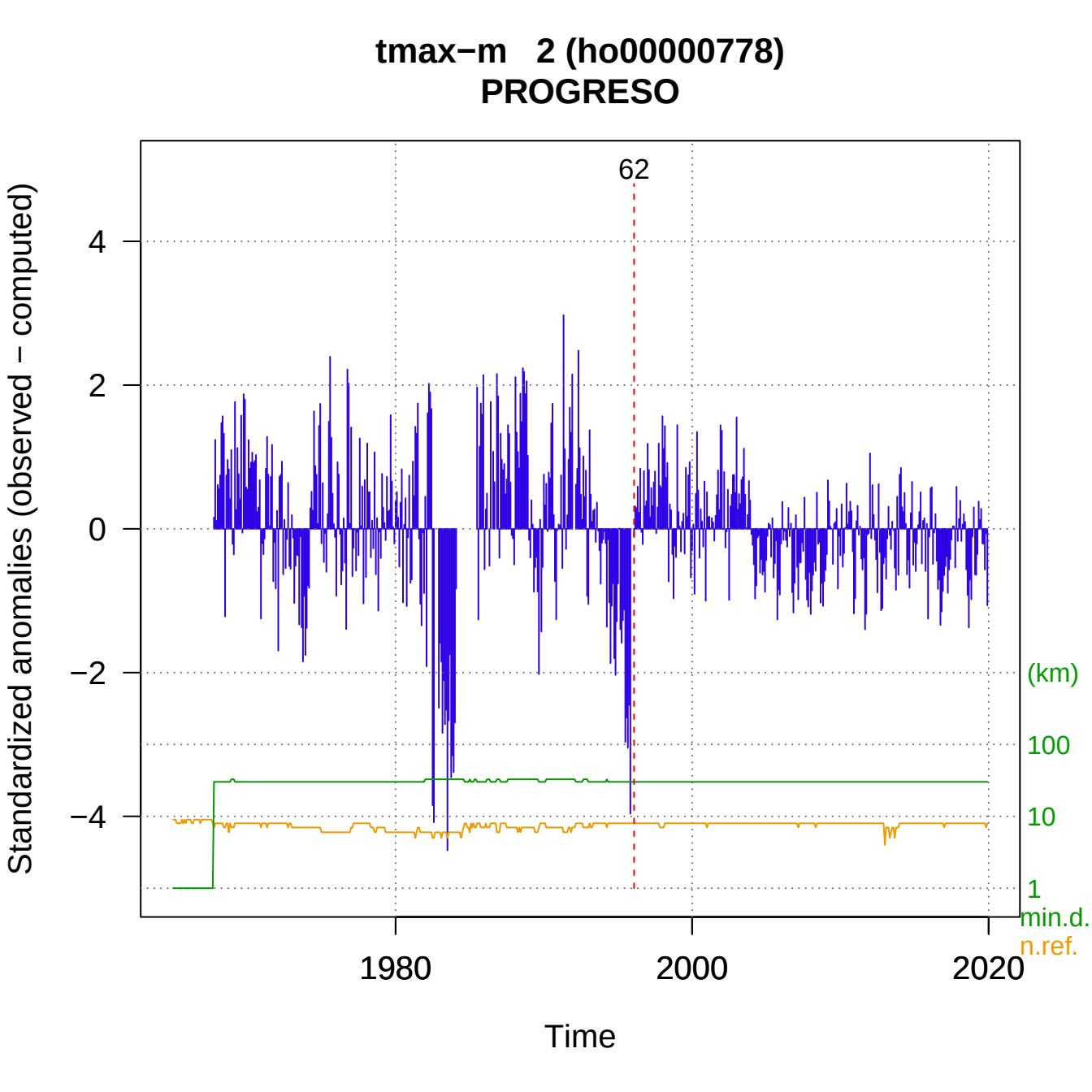

tmax−m 9 (ho00000788)
CAPACHICA
48
Standardized anomalies (observed − computed)
4
2
0
−2
−4
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

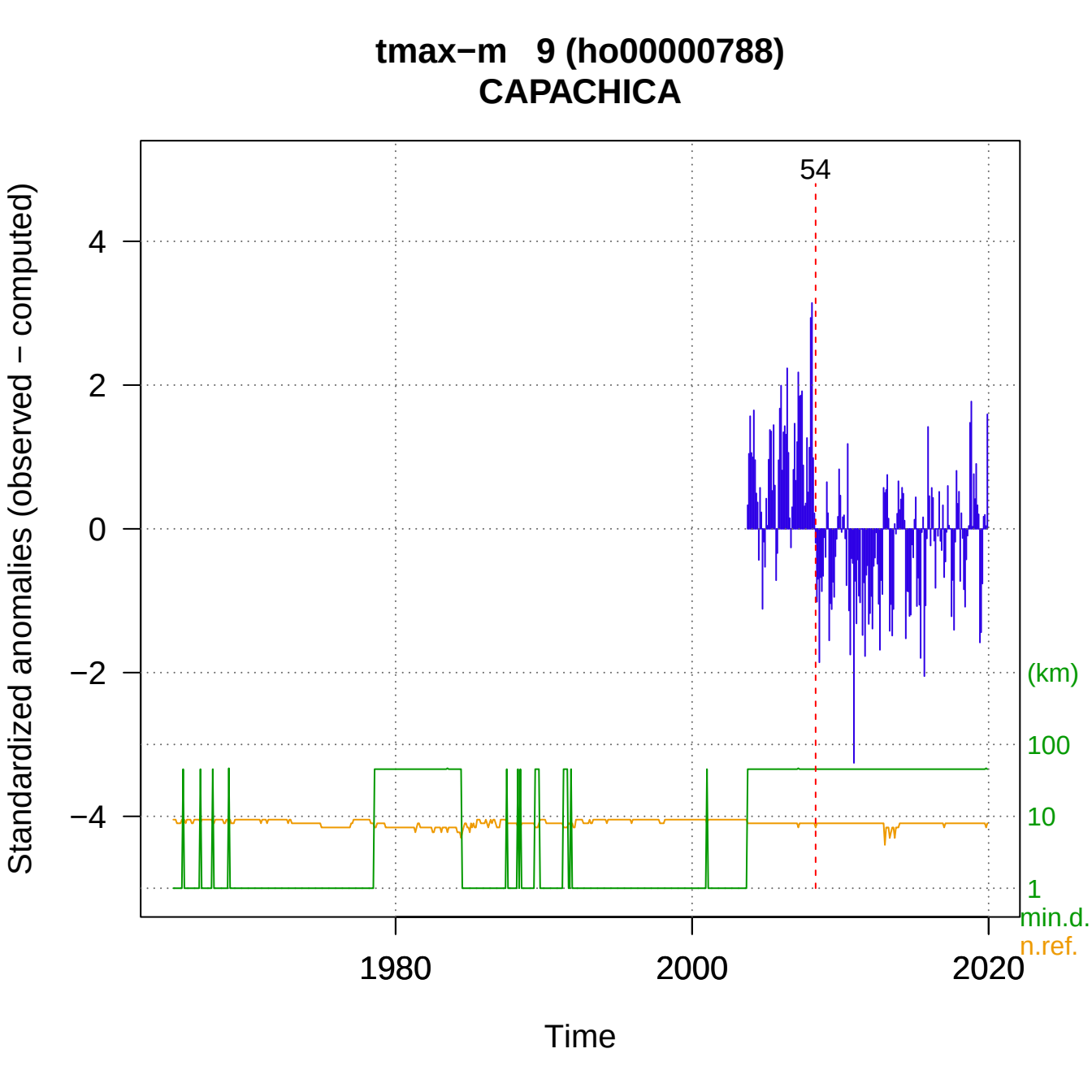

tmax−m 8 (ho00000787)
HUARAYAMOHO
47
4
2
0
−2
−4
Standardized anomalies (observed − computed)
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

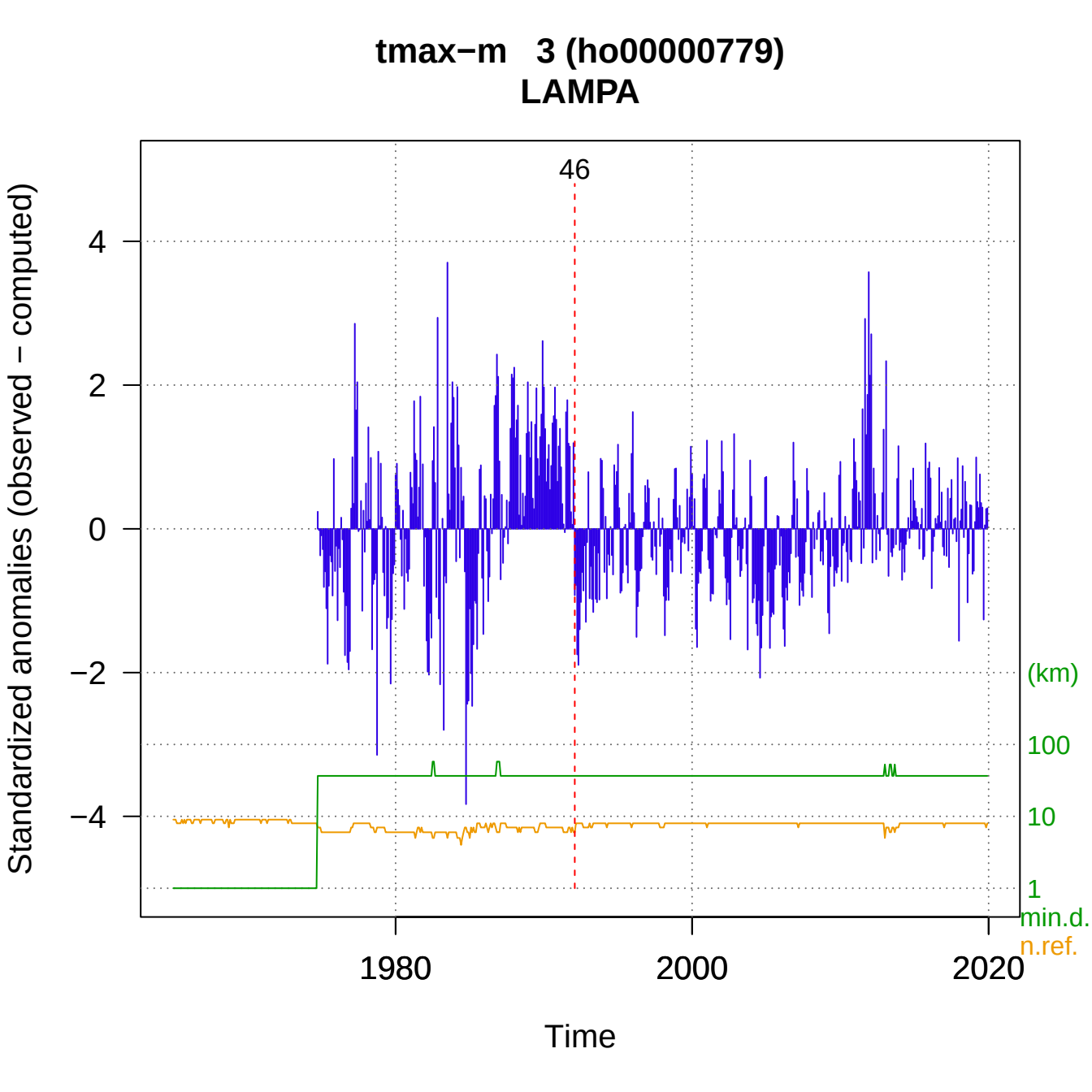

tmax−m 6 (ho00000785)
MUNANI
43
Standardized anomalies (observed − computed)
4
2
0
−2
−4
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

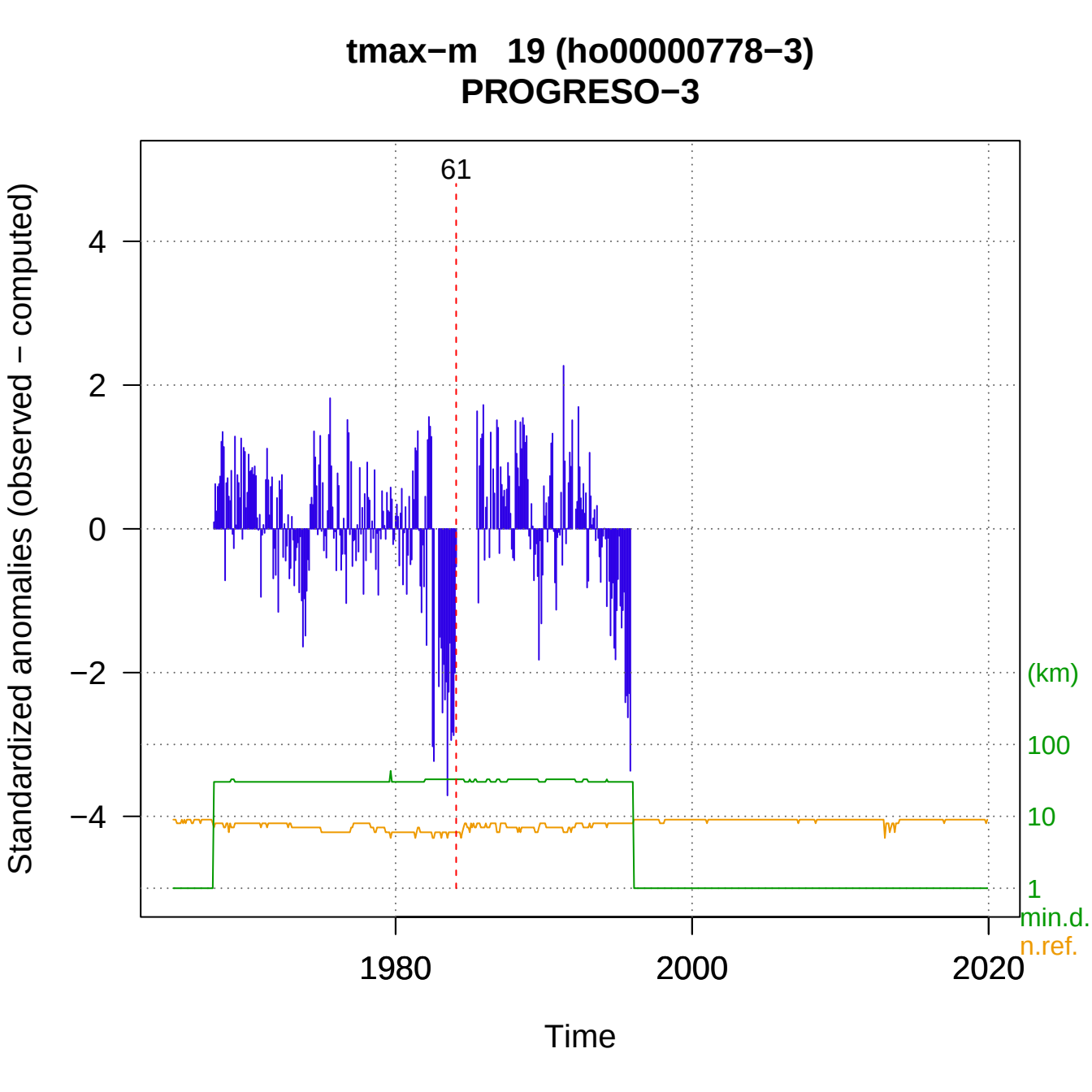

tmax−m 3 (ho00000779)
LAMPA
43
4
2
0
−2
−4
Standardized anomalies (observed − computed)
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

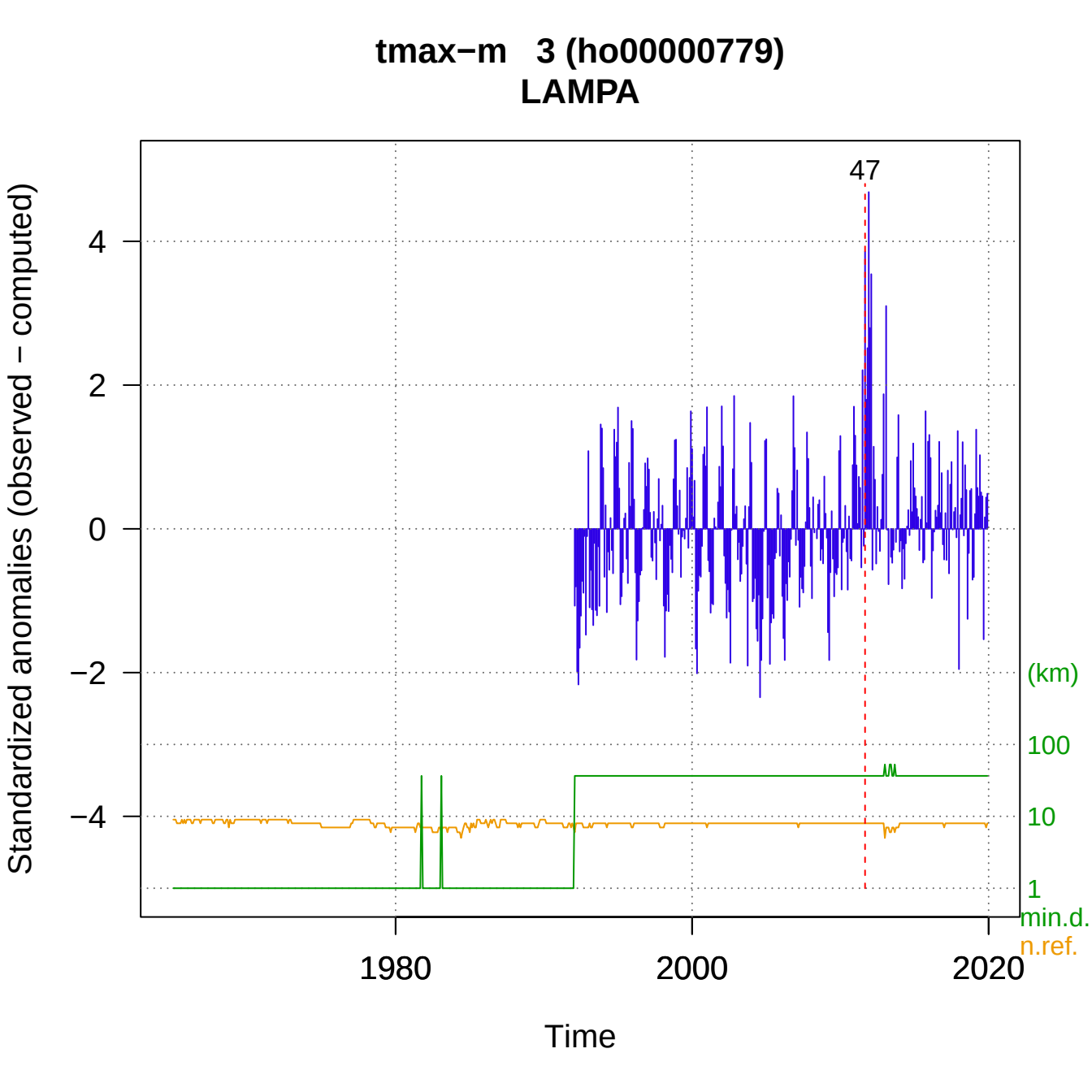

tmax−m 2 (ho00000778)
PROGRESO
40
4
2
0
−2
−4
Standardized anomalies (observed − computed)
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

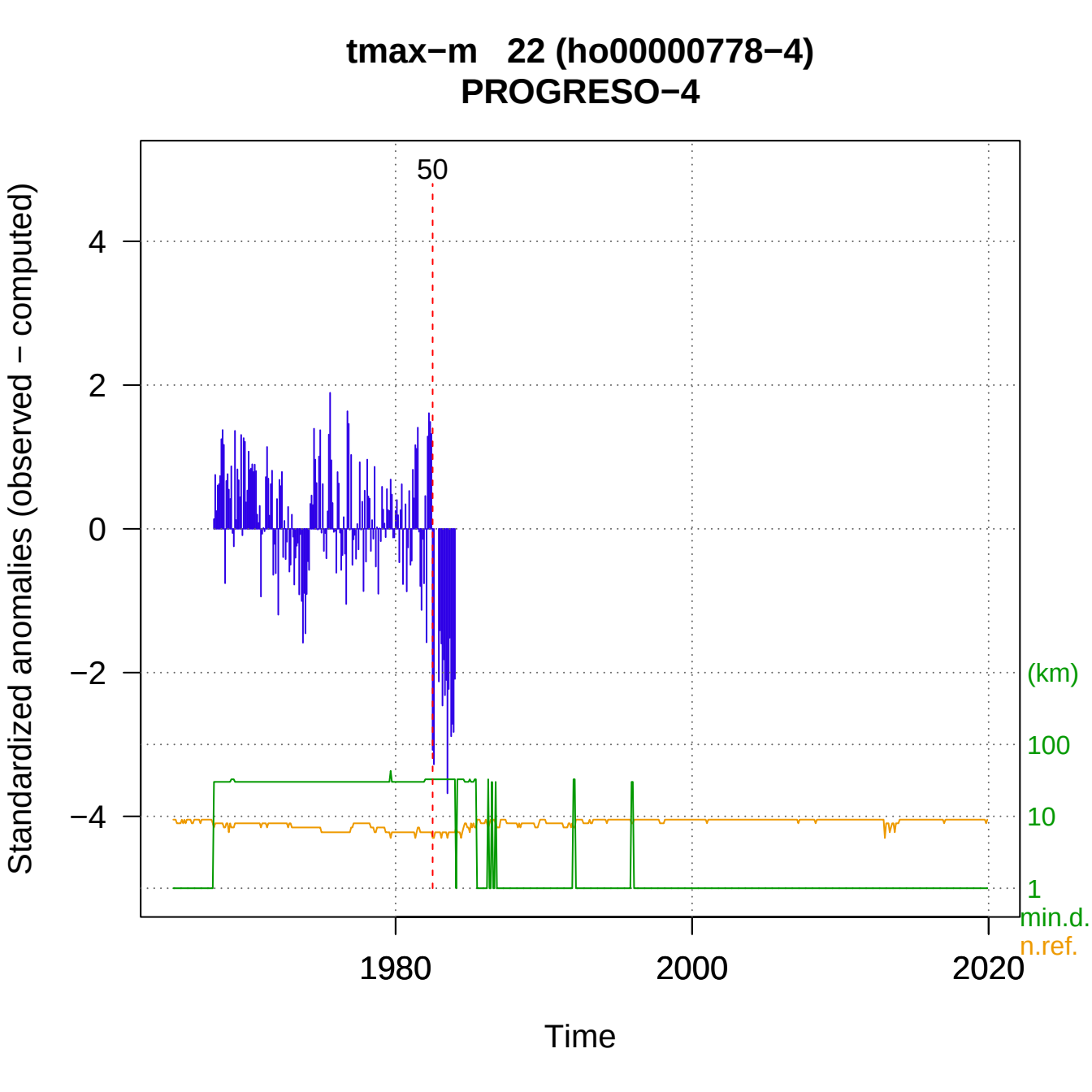

tmax−m 2 (ho00000778)
PROGRESO
62
4
2
0
−2
−4
Standardized anomalies (observed − computed)
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

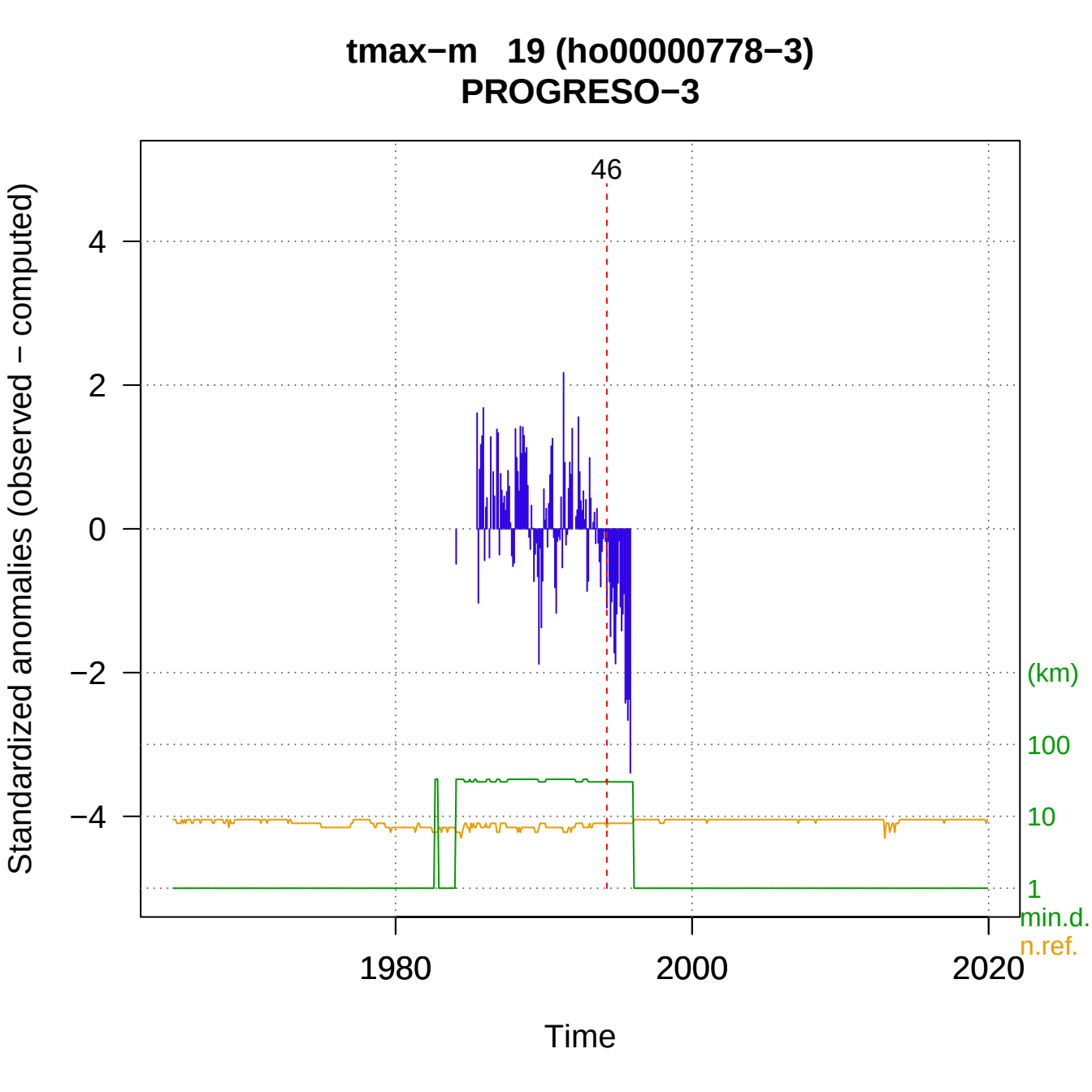

tmax−m 9 (ho00000788)
CAPACHICA
54
Standardized anomalies (observed − computed)
4
2
0
−2
−4
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

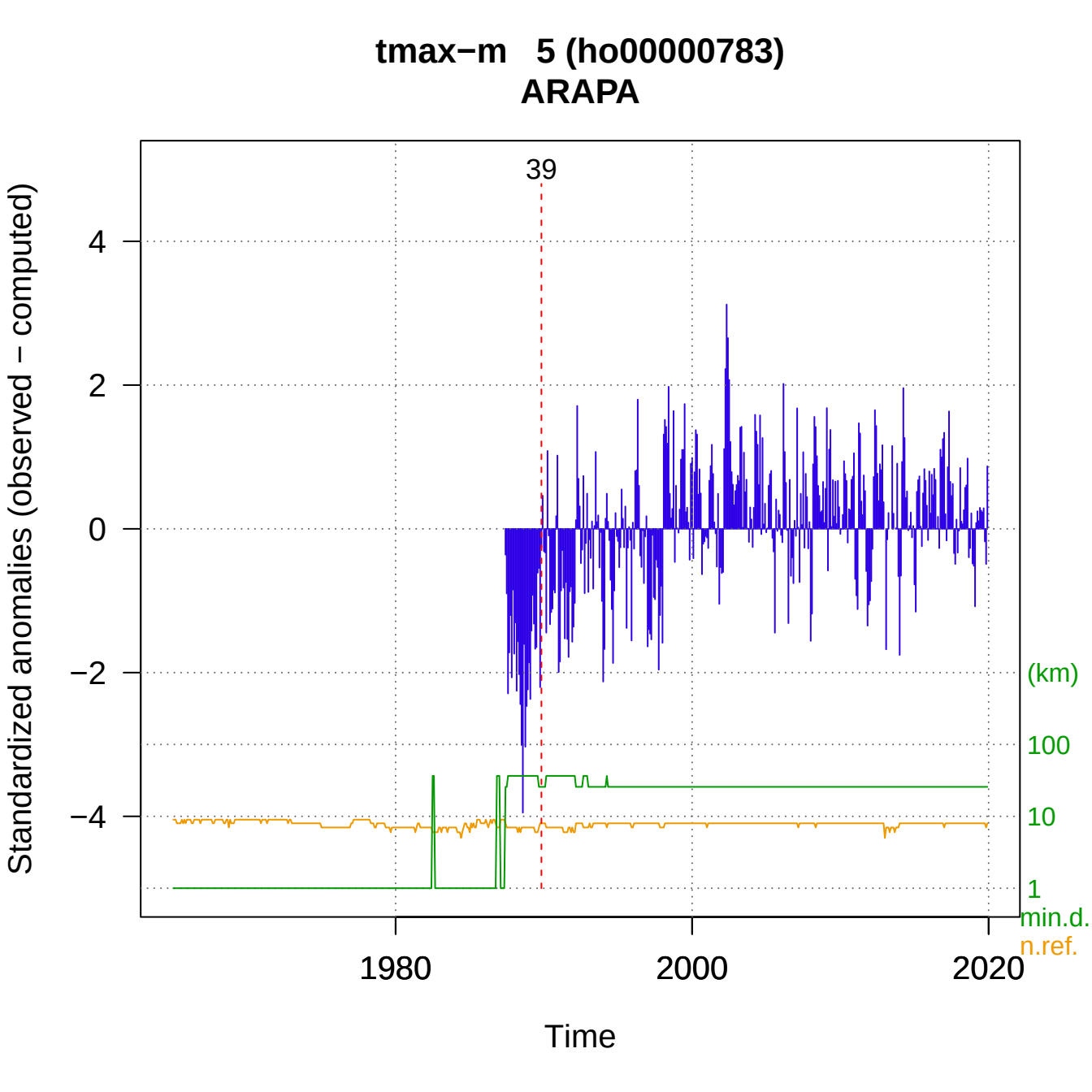

tmax−m 3 (ho00000779)
LAMPA
46
4
2
0
−2
−4
Standardized anomalies (observed − computed)
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

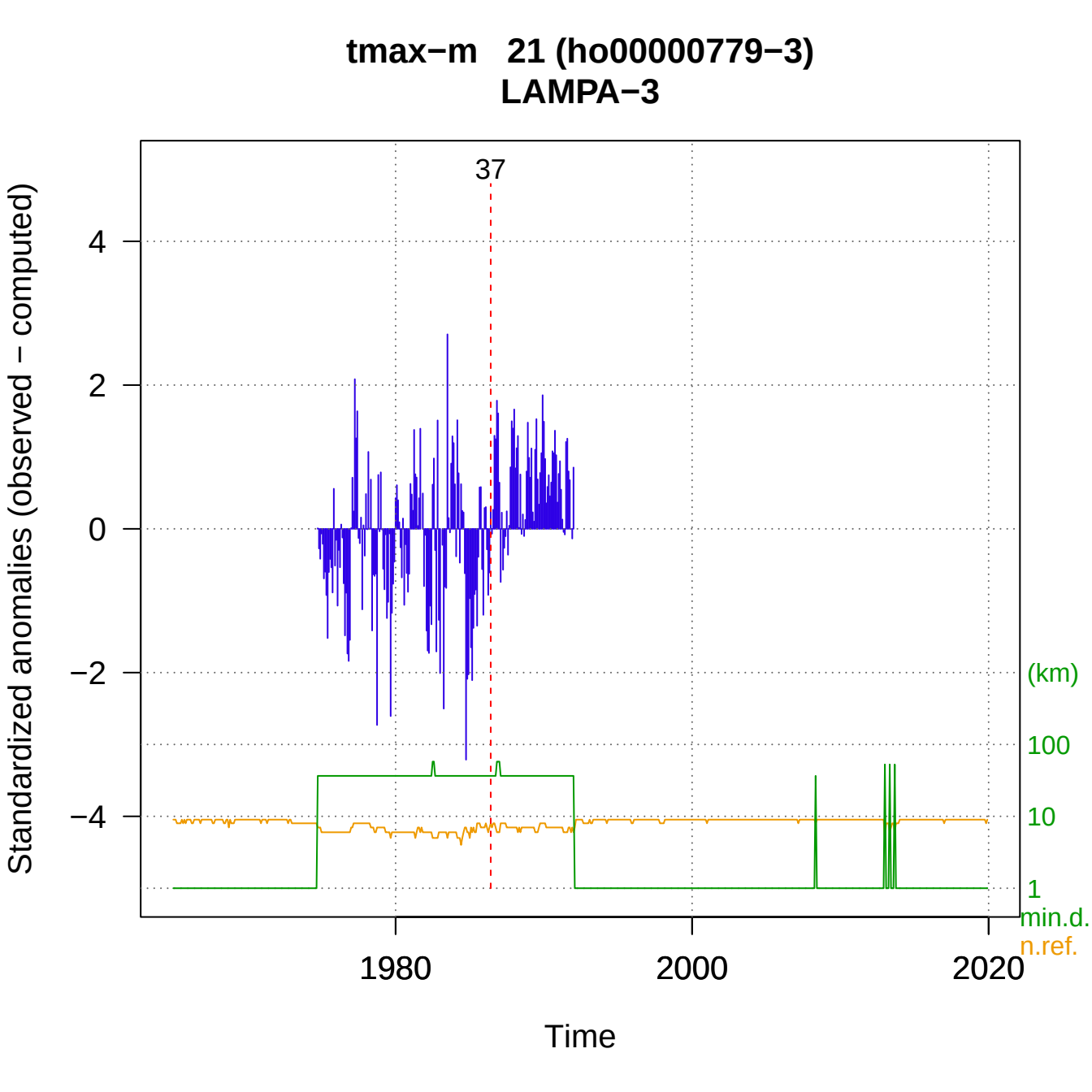

tmax−m 19 (ho00000778−3)
PROGRESO−3
61
4
2
0
−2
−4
Standardized anomalies (observed − computed)
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

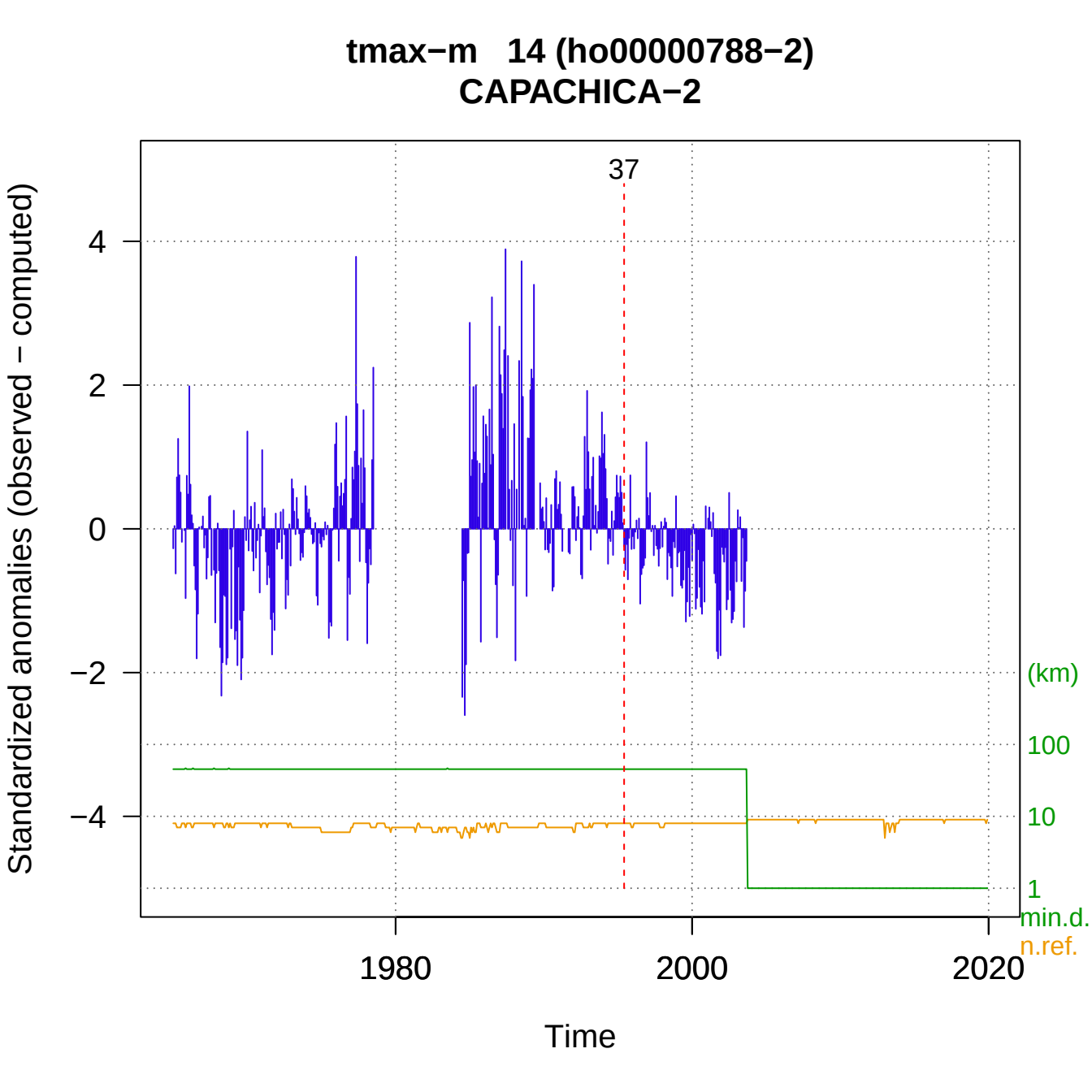

tmax−m 3 (ho00000779)
LAMPA
47
4
2
0
−2
−4
Standardized anomalies (observed − computed)
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

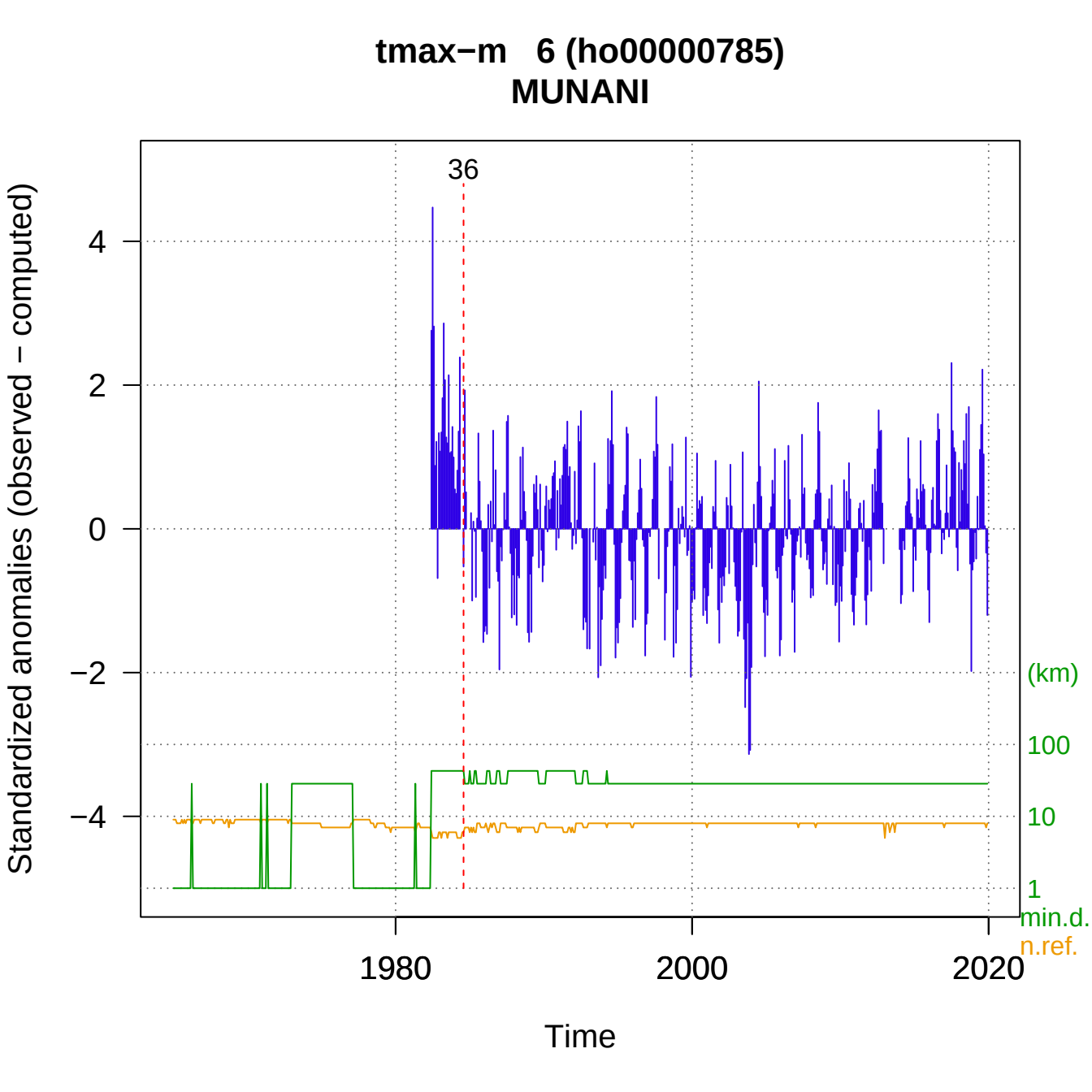

tmax−m 22 (ho00000778−4)
PROGRESO−4
50
4
2
0
−2
−4
Standardized anomalies (observed − computed)
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

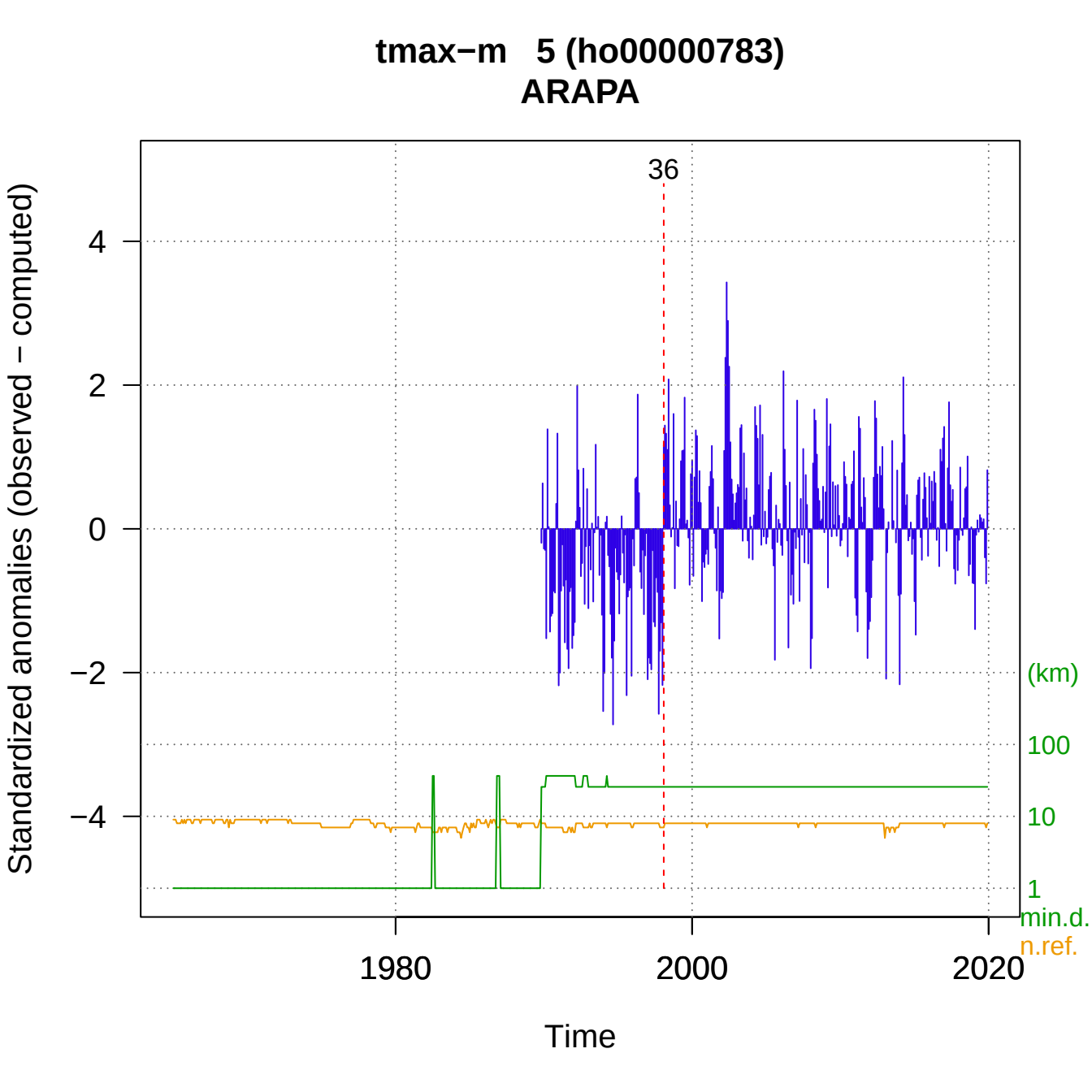

tmax−m 19 (ho00000778−3)
PROGRESO−3
46
4
2
0
−2
−4
Standardized anomalies (observed − computed)
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

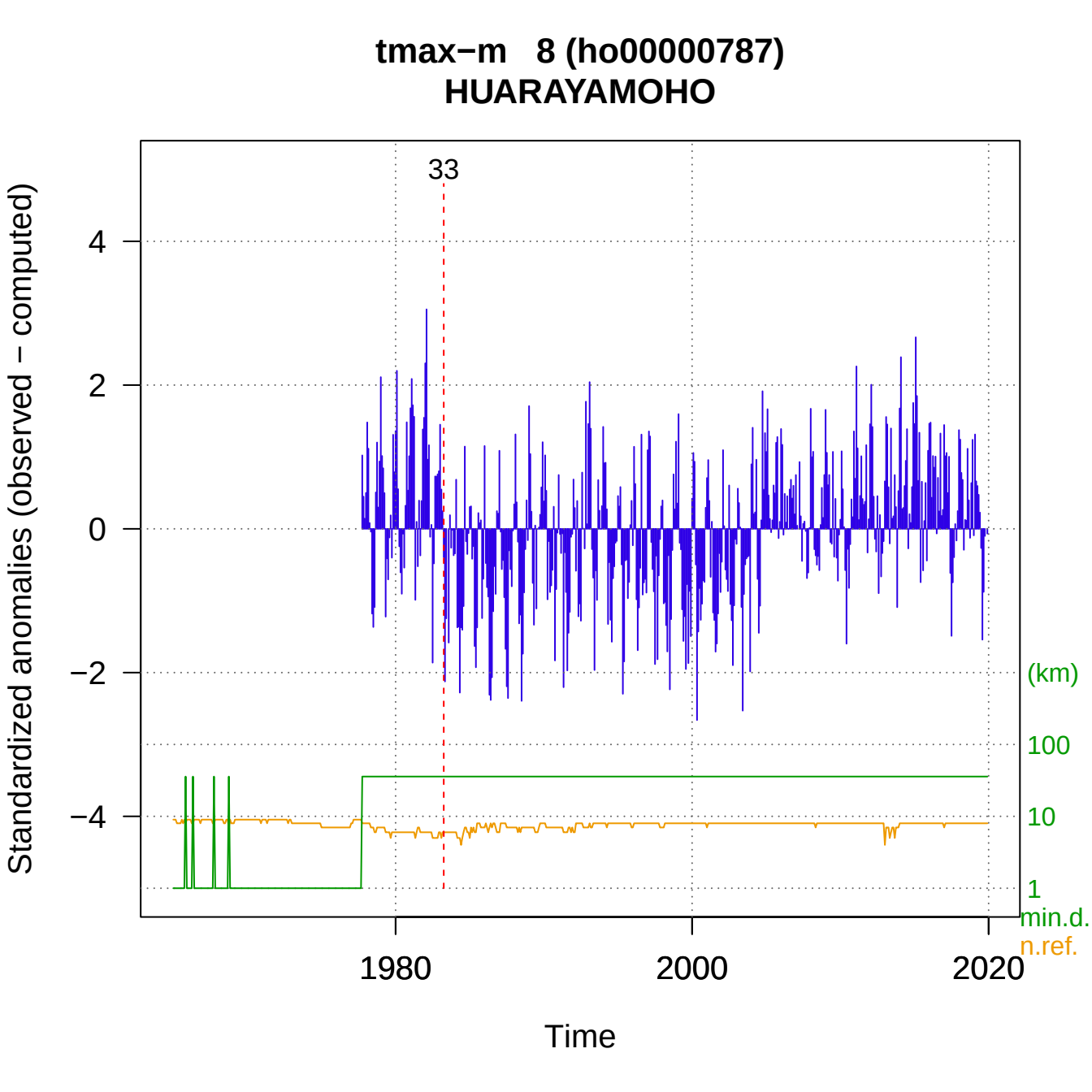

tmax−m 5 (ho00000783)
ARAPA
39
4
2
0
−2
−4
Standardized anomalies (observed − computed)
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

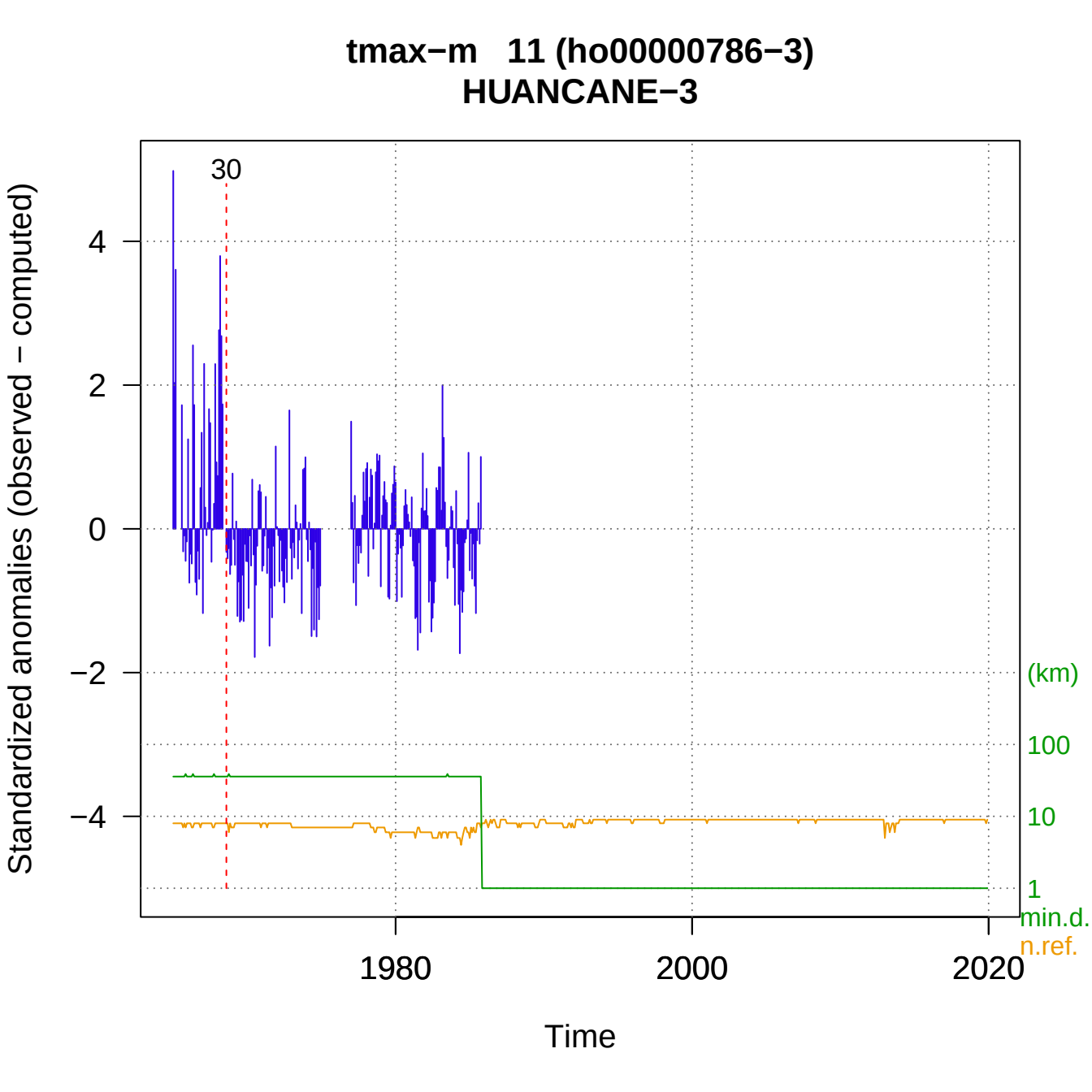

tmax−m 21 (ho00000779−3)
LAMPA−3
37
4
2
0
−2
−4
Standardized anomalies (observed − computed)
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

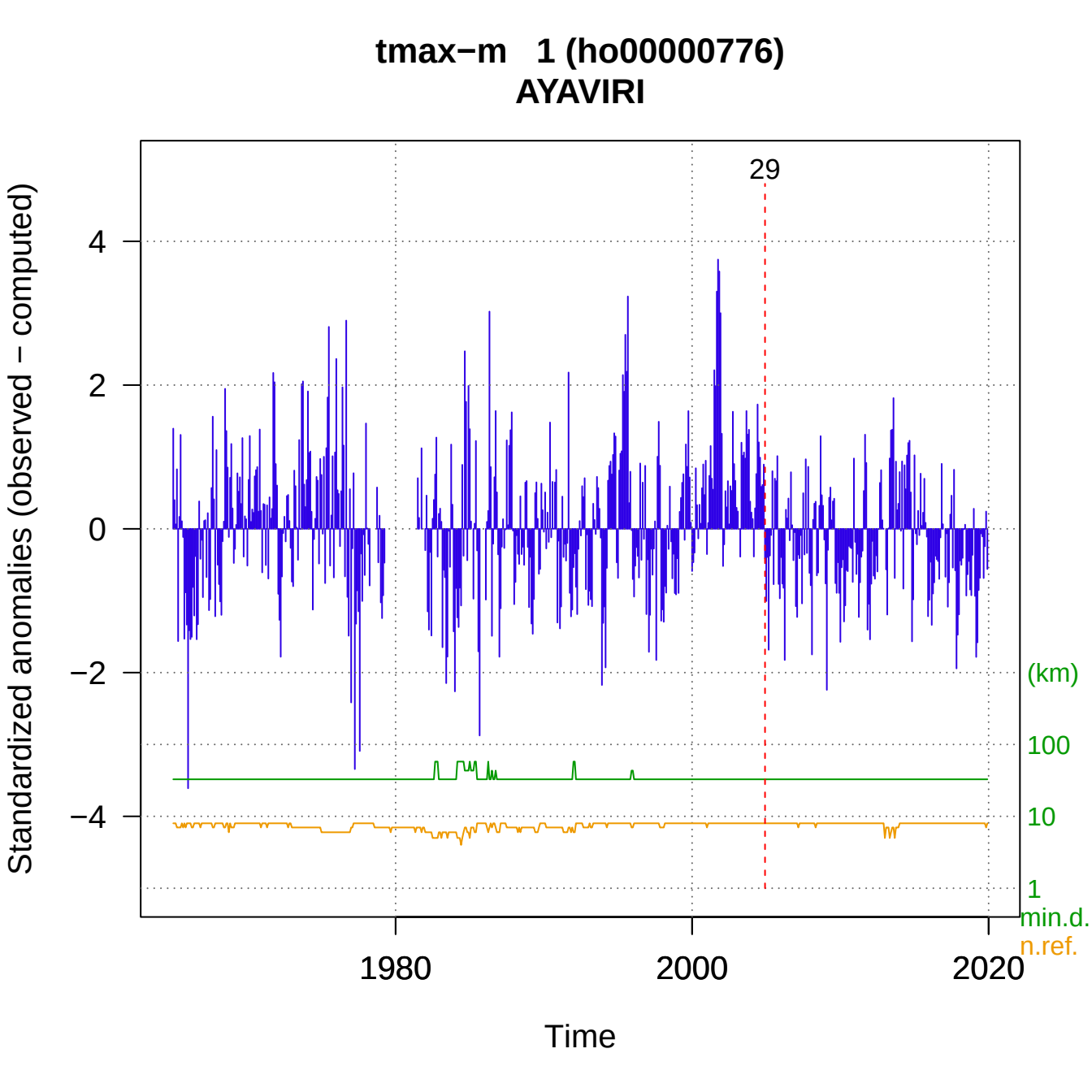

tmax−m 14 (ho00000788−2)
CAPACHICA−2
37
Standardized anomalies (observed − computed)
4
2
0
−2
−4
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

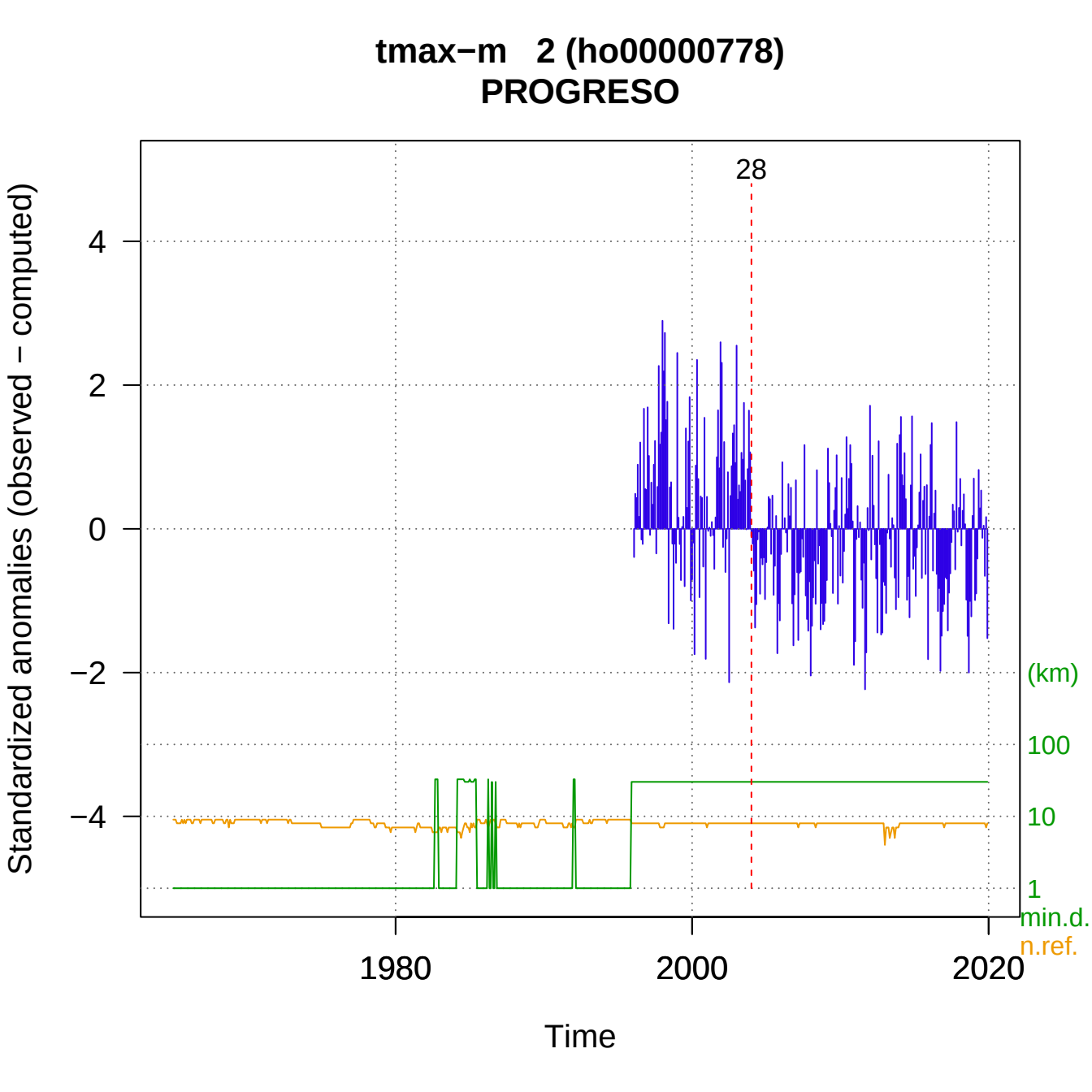

tmax−m 6 (ho00000785)
MUNANI
36
4
2
0
−2
−4
Standardized anomalies (observed − computed)
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

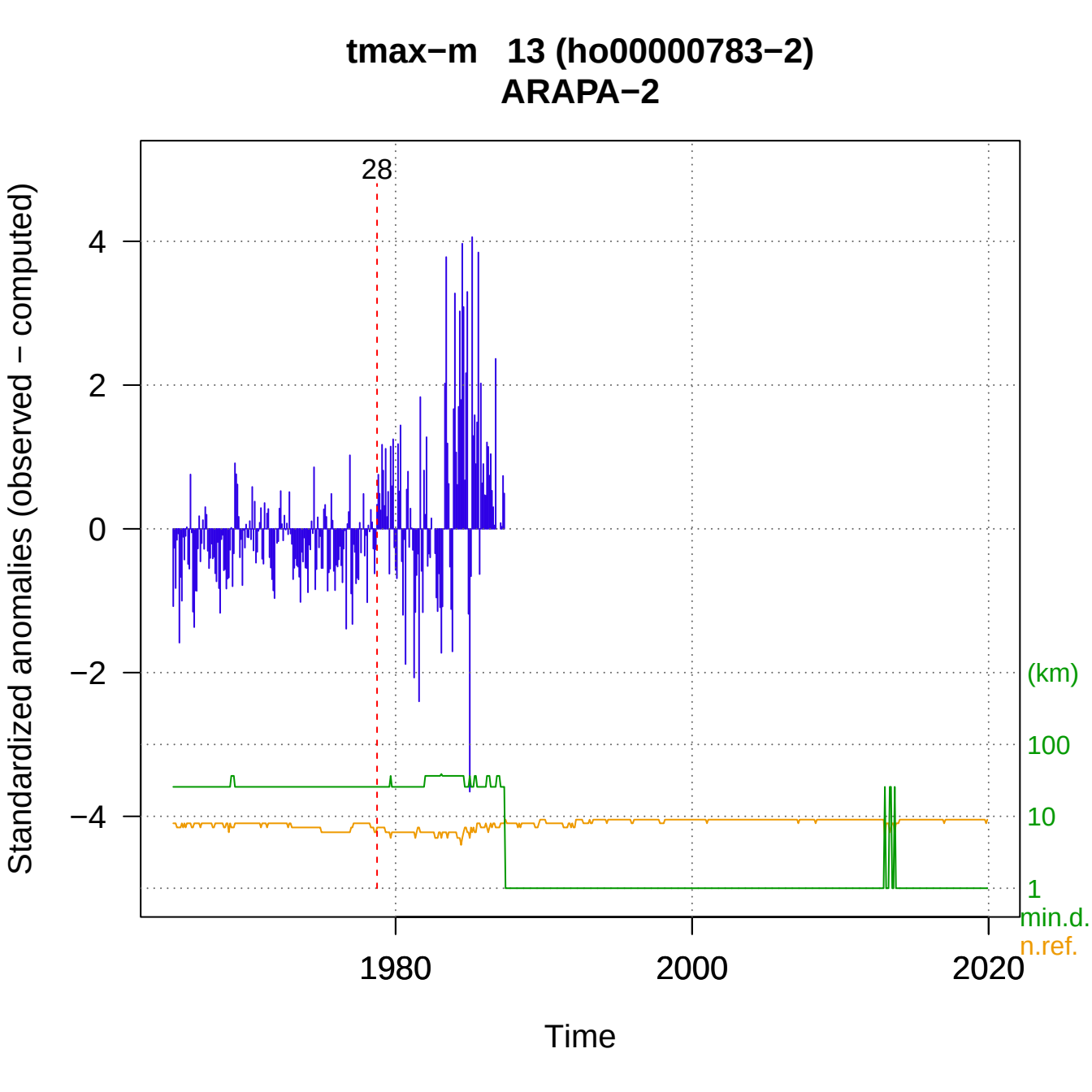

tmax−m 5 (ho00000783)
ARAPA
36
4
2
0
−2
−4
Standardized anomalies (observed − computed)
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

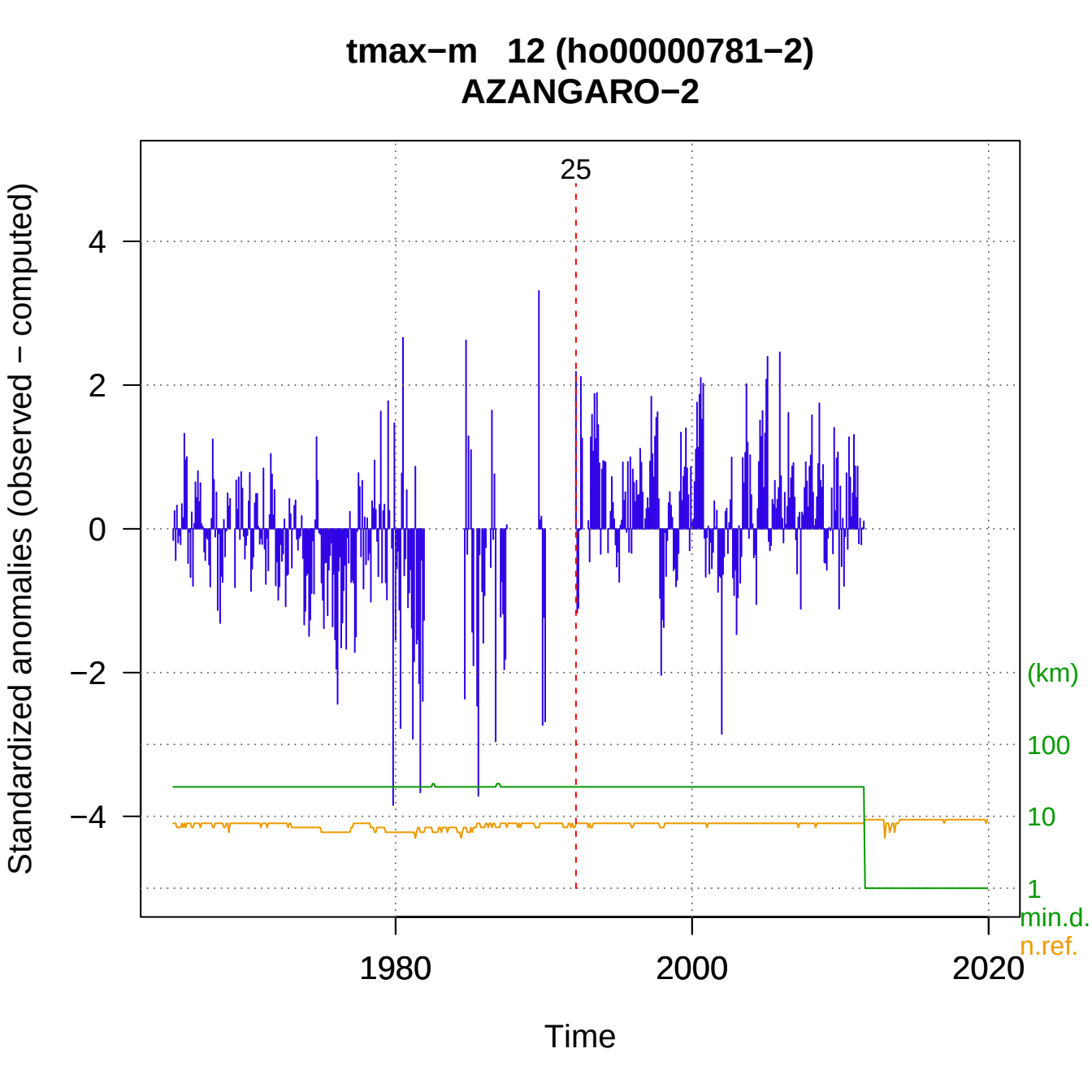

tmax−m 8 (ho00000787)
HUARAYAMOHO
33
4
2
0
−2
−4
Standardized anomalies (observed − computed)
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

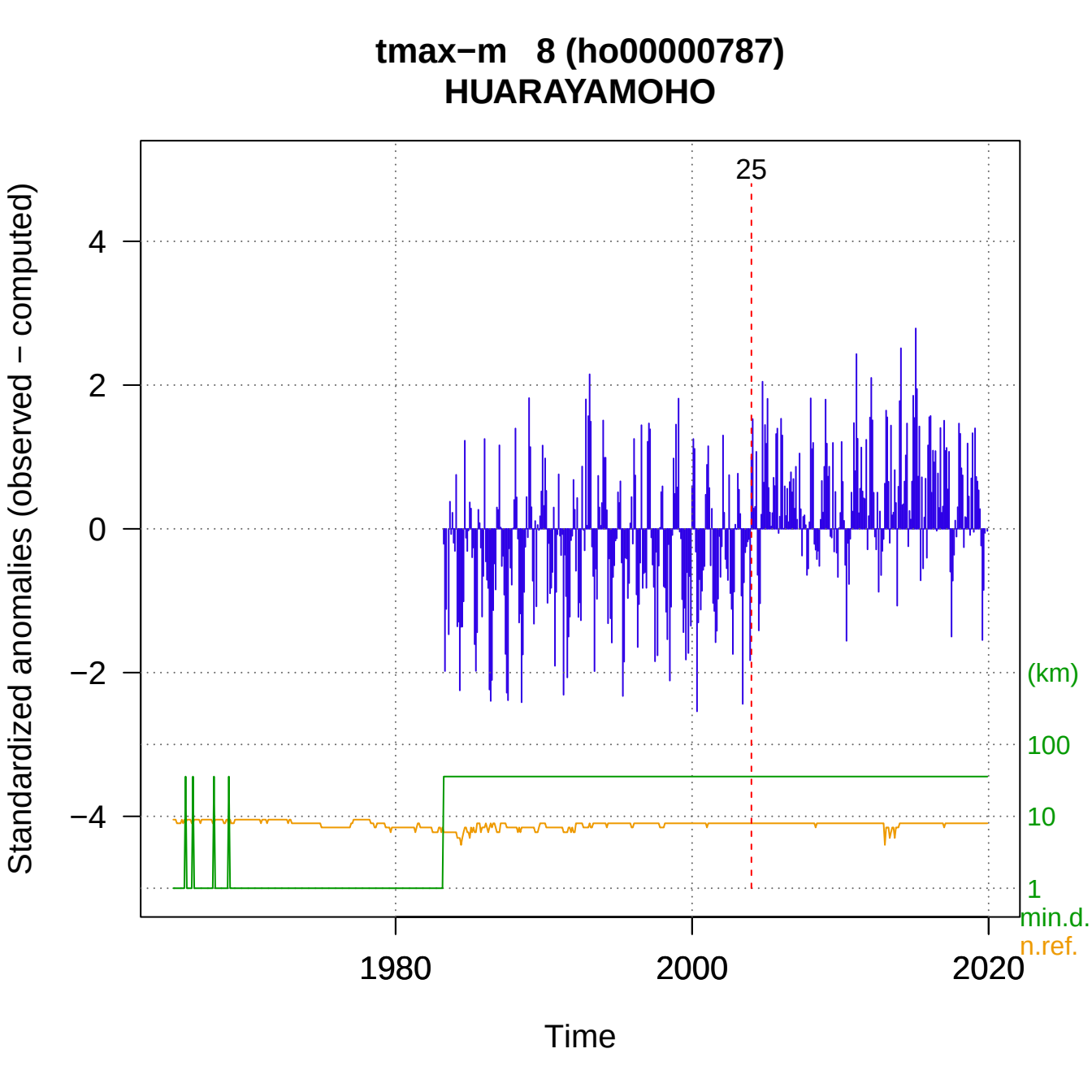

tmax−m 11 (ho00000786−3)
HUANCANE−3
30
4
2
0
−2
−4
Standardized anomalies (observed − computed)
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

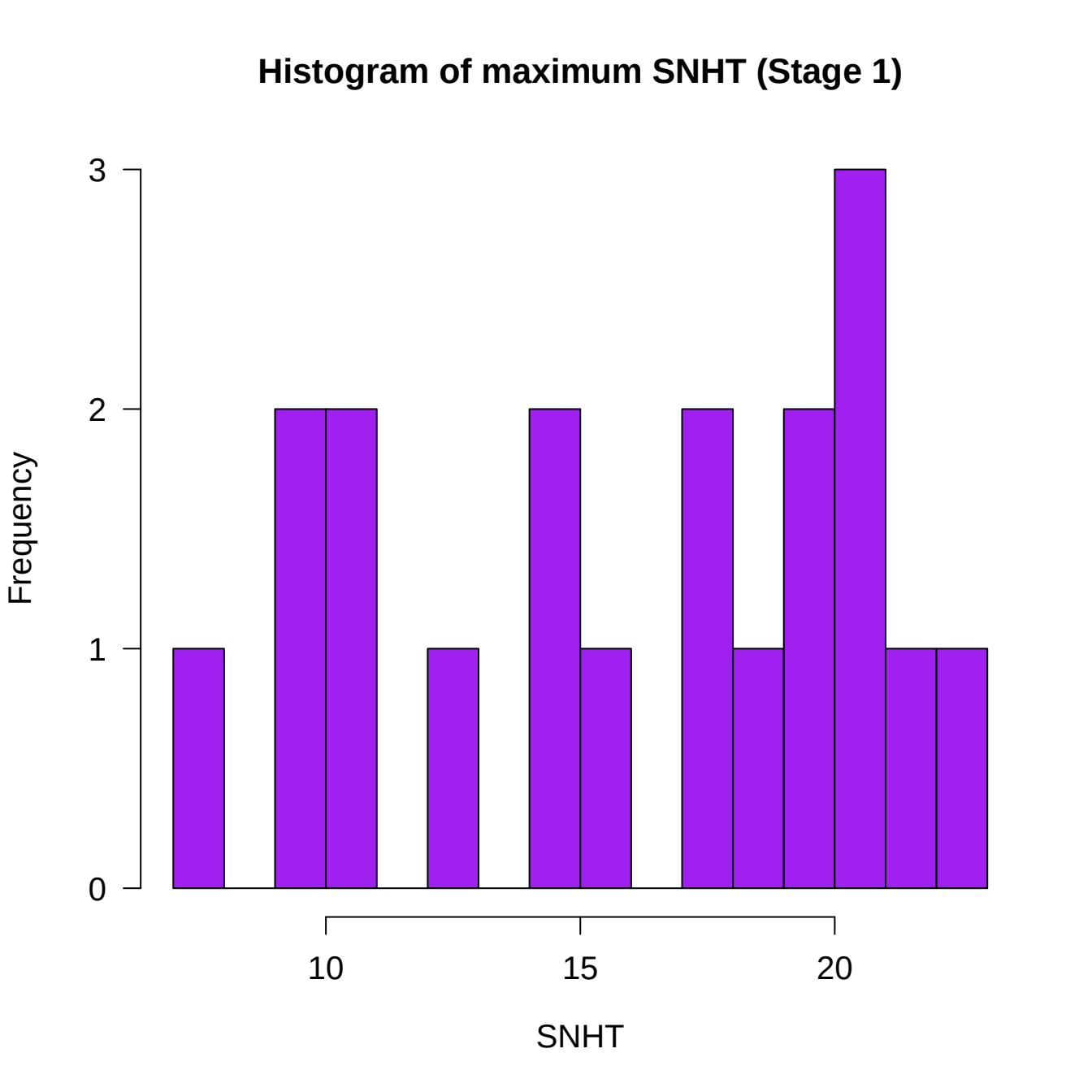

tmax−m 1 (ho00000776)
AYAVIRI
29
Standardized anomalies (observed − computed)
4
2
0
−2
−4
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.


tmax−m 2 (ho00000778)
PROGRESO
28
4
2
0
−2
−4
Standardized anomalies (observed − computed)
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time


tmax−m 13 (ho00000783−2)
ARAPA−2
28
4
2
0
−2
−4
Standardized anomalies (observed − computed)
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

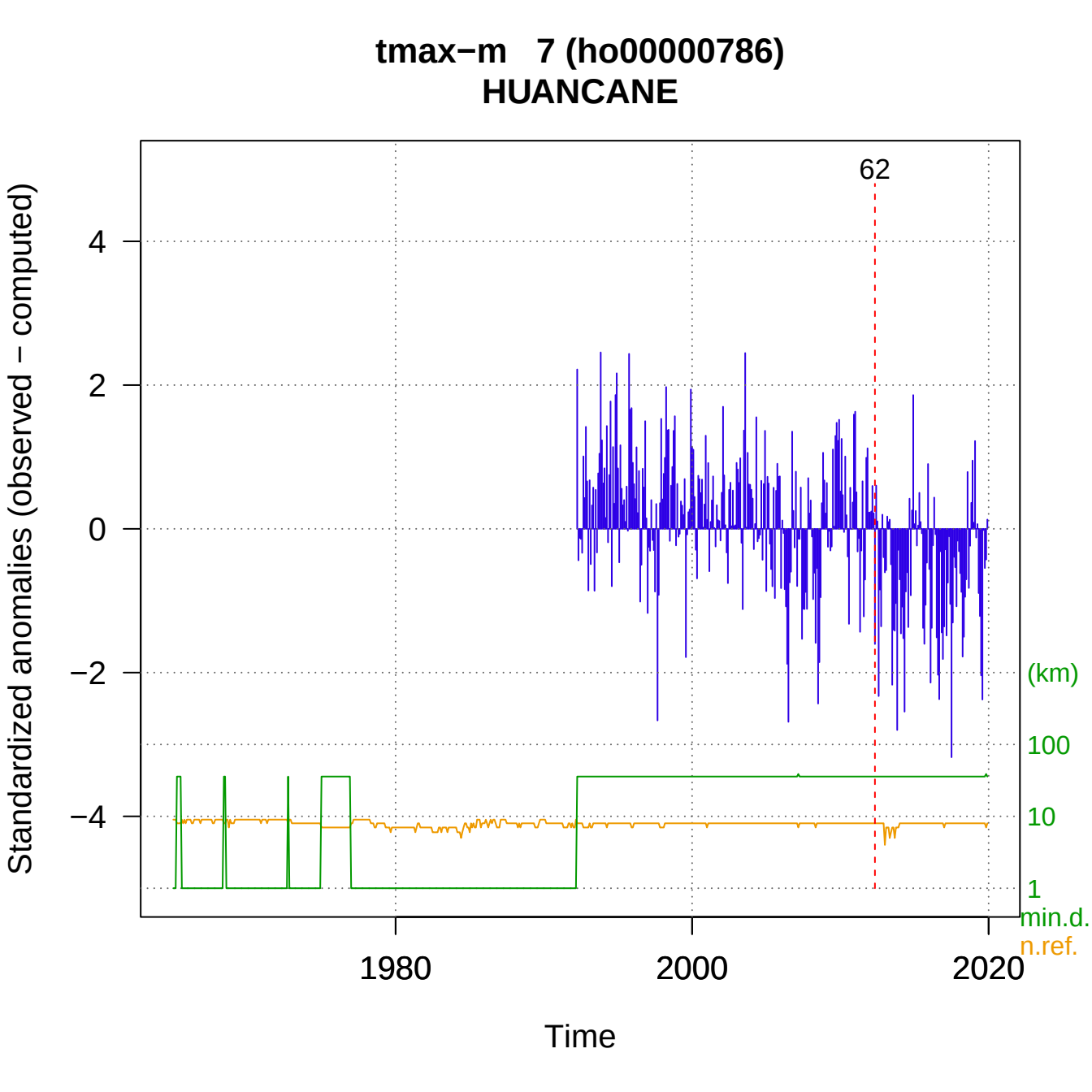

tmax−m 12 (ho00000781−2)
AZANGARO−2
25
Standardized anomalies (observed − computed)
4
2
0
−2
−4
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

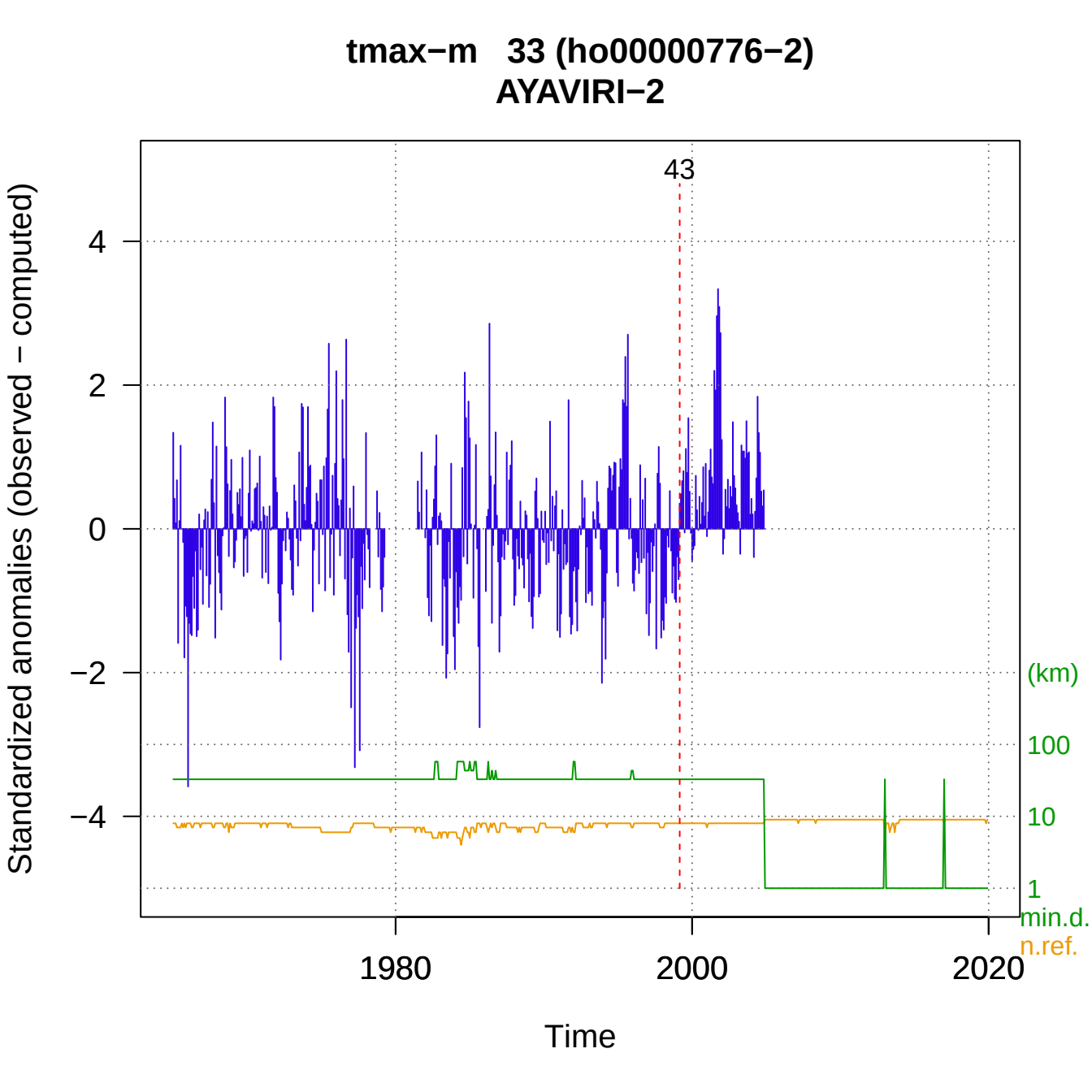

tmax−m 8 (ho00000787)
HUARAYAMOHO
25
4
2
0
−2
−4
Standardized anomalies (observed − computed)
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

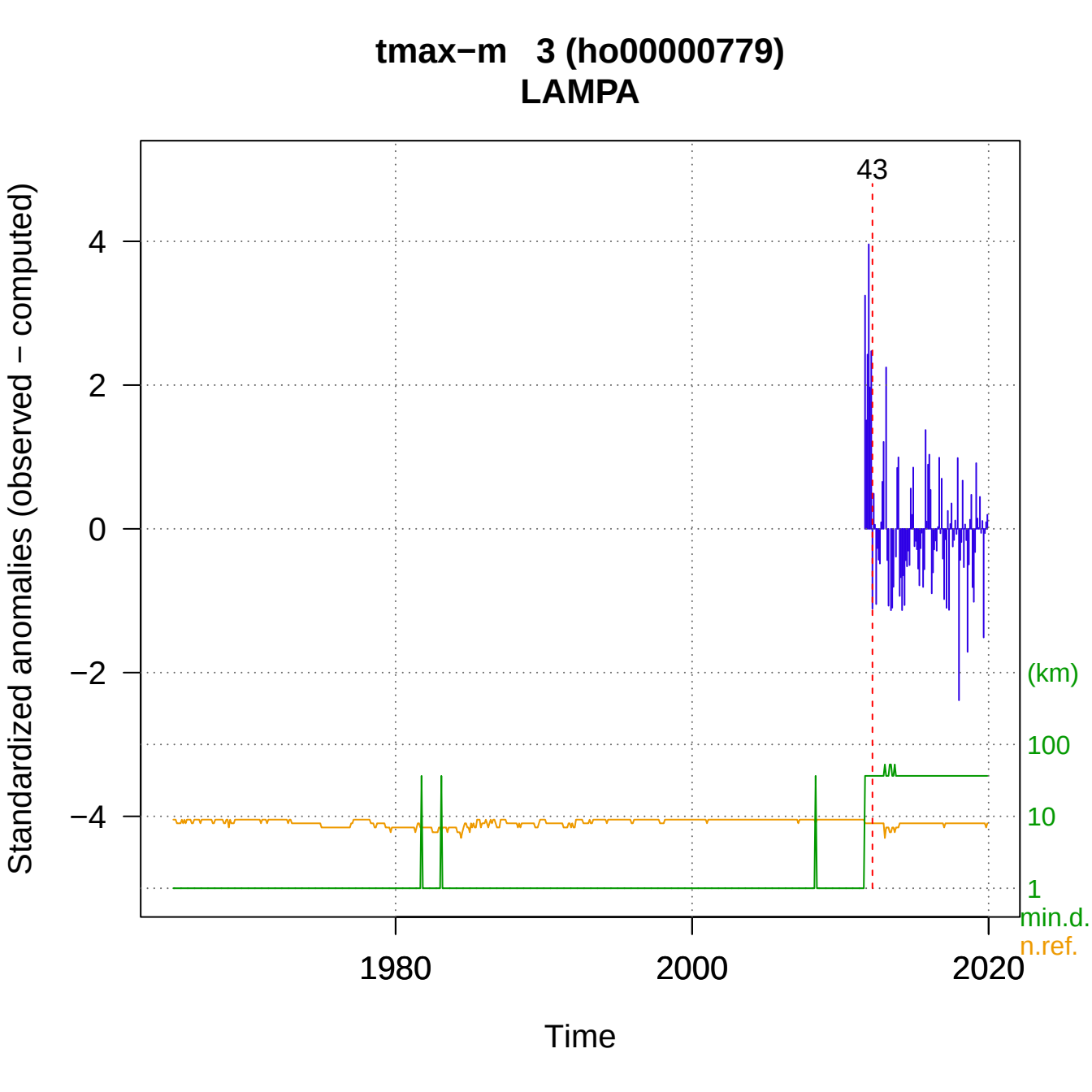

Histogram of maximum SNHT (Stage 1)
Frequency
0
1
2
3
10
15
20
SNHT

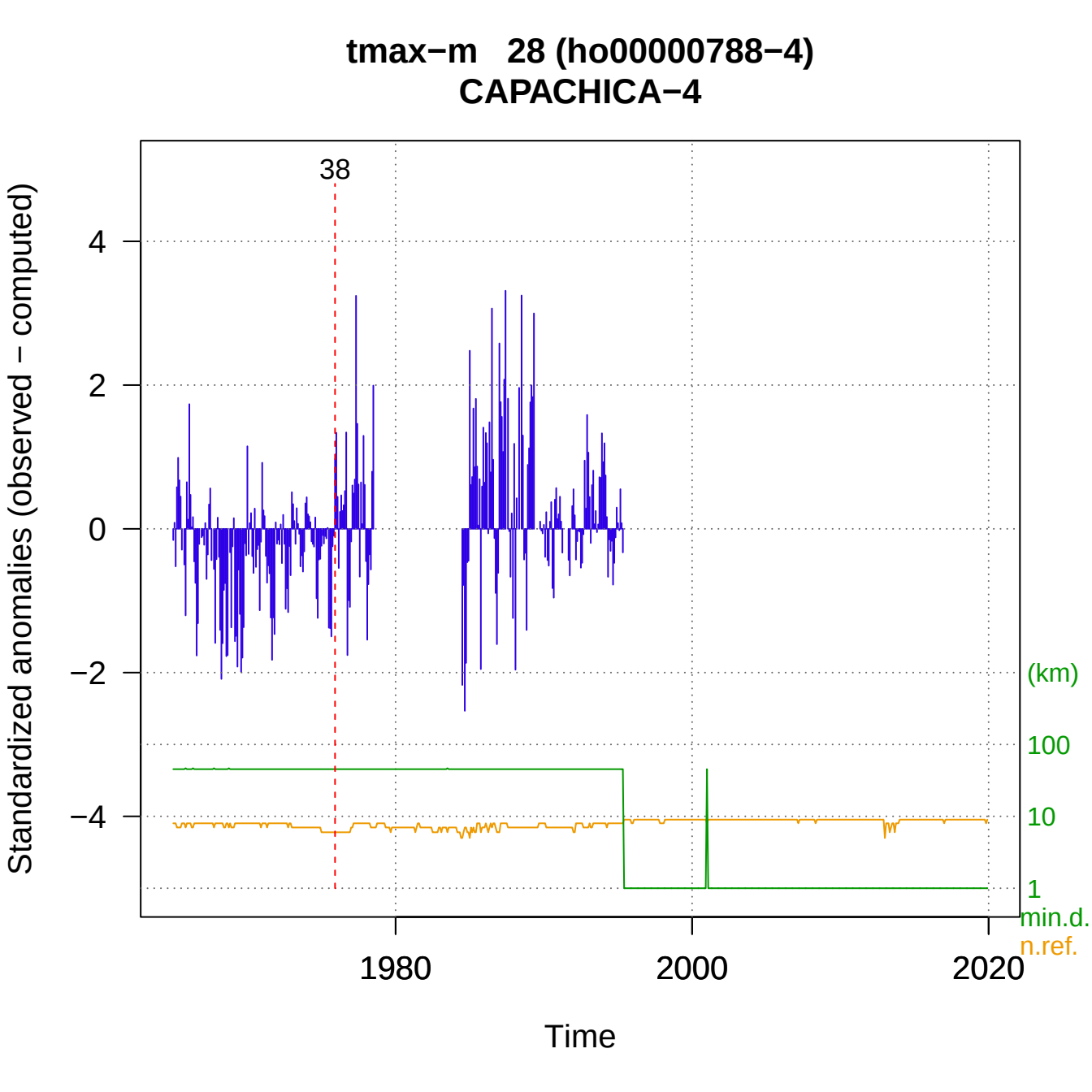
Stage 2

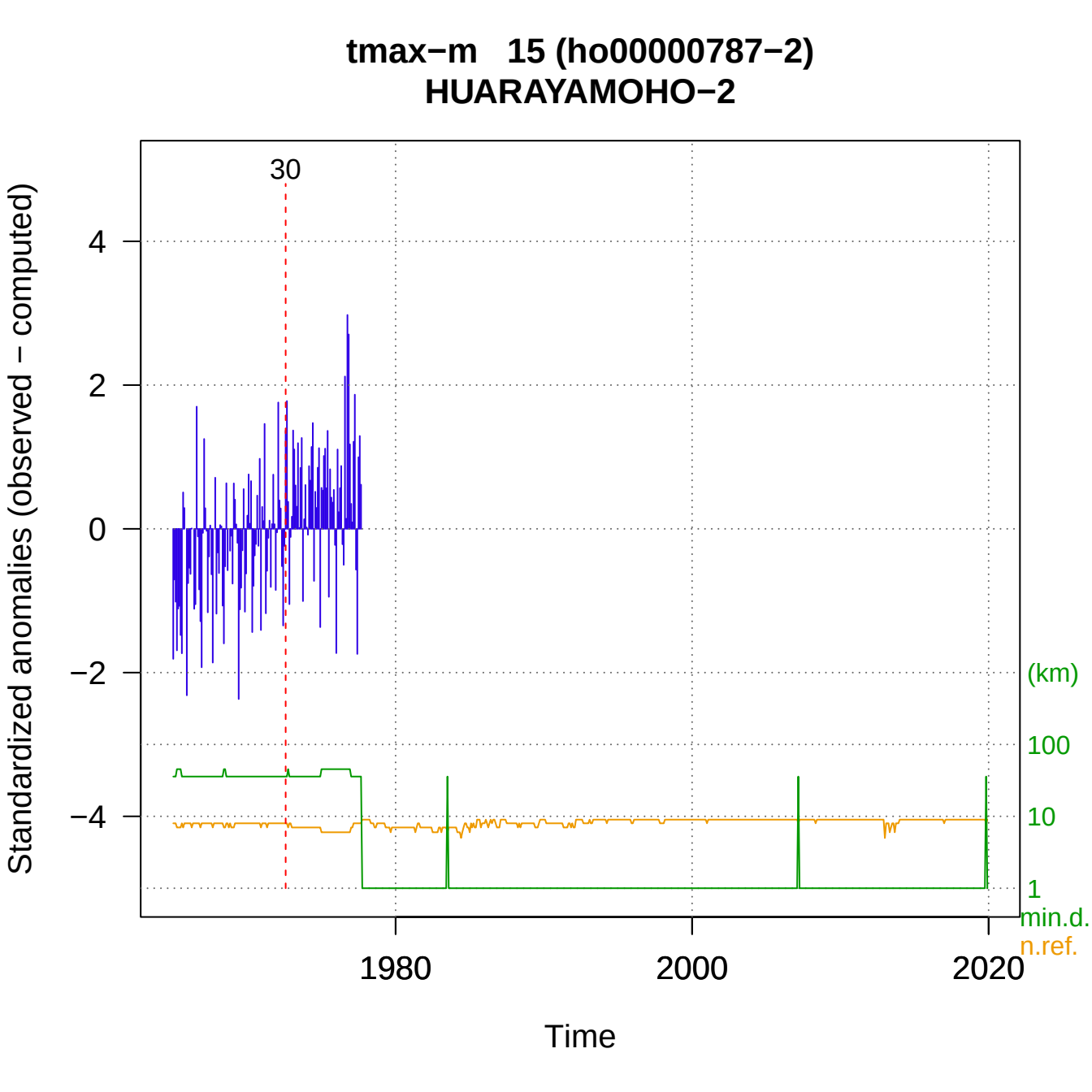
Binary splits on whole series with std=3, SNHT>25 and wd=0 km

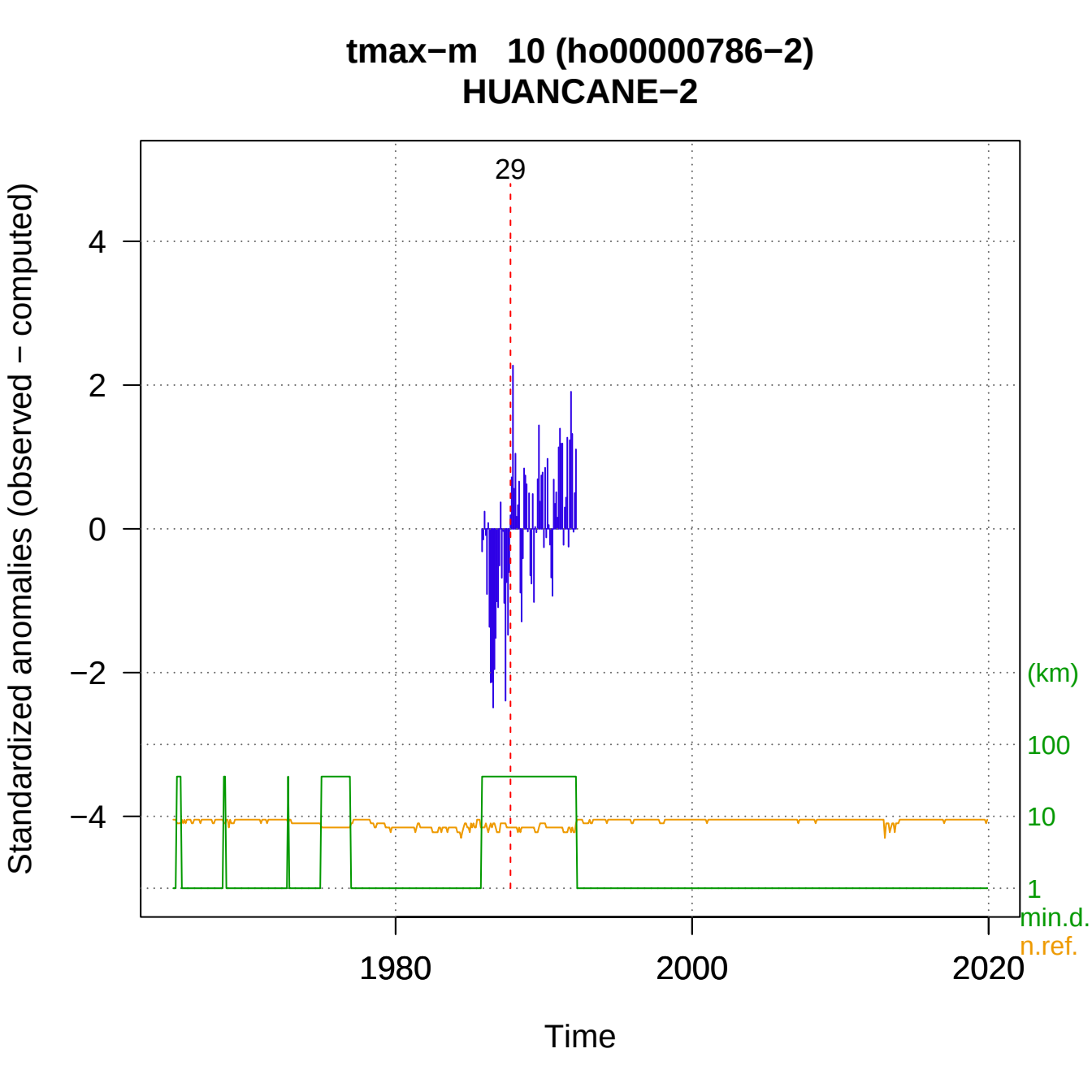

tmax−m 7 (ho00000786)
HUANCANE
62
4
2
0
−2
−4
Standardized anomalies (observed − computed)
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

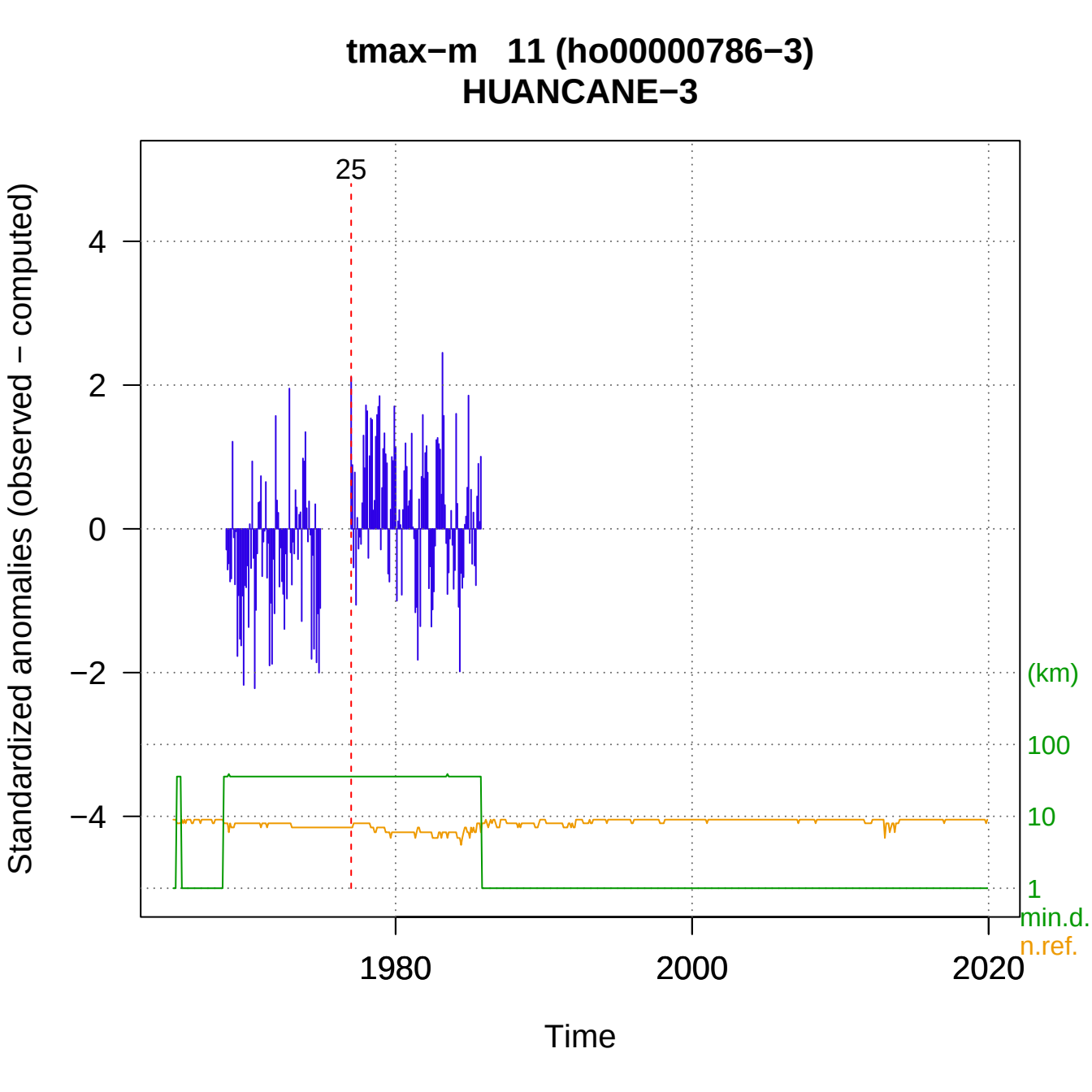

tmax−m 33 (ho00000776−2)
AYAVIRI−2
43
4
2
0
−2
−4
Standardized anomalies (observed − computed)
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

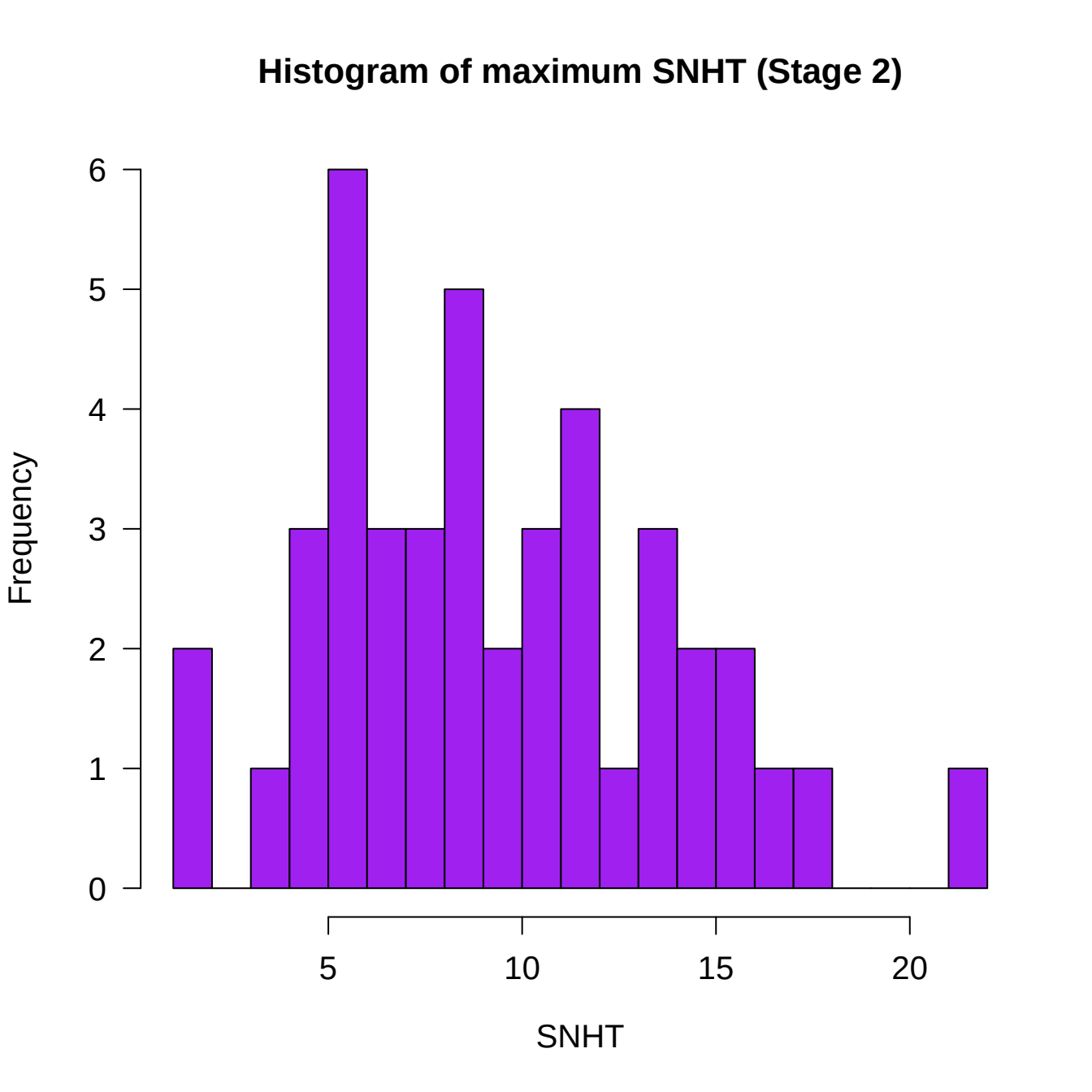

tmax−m 3 (ho00000779)
LAMPA
43
Standardized anomalies (observed − computed)
4
2
0
−2
−4
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

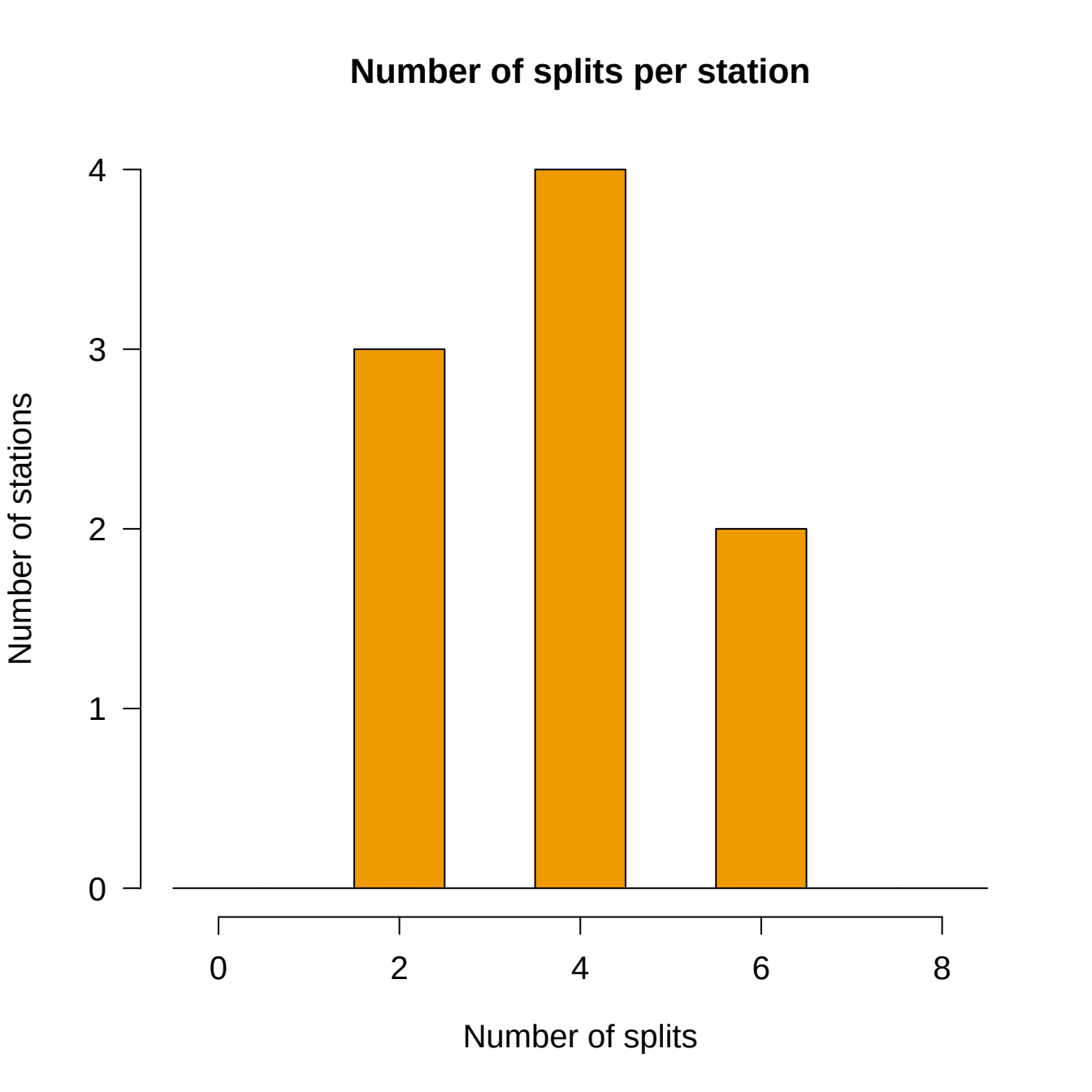

tmax−m 28 (ho00000788−4)
CAPACHICA−4
38
Standardized anomalies (observed − computed)
4
2
0
−2
−4
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

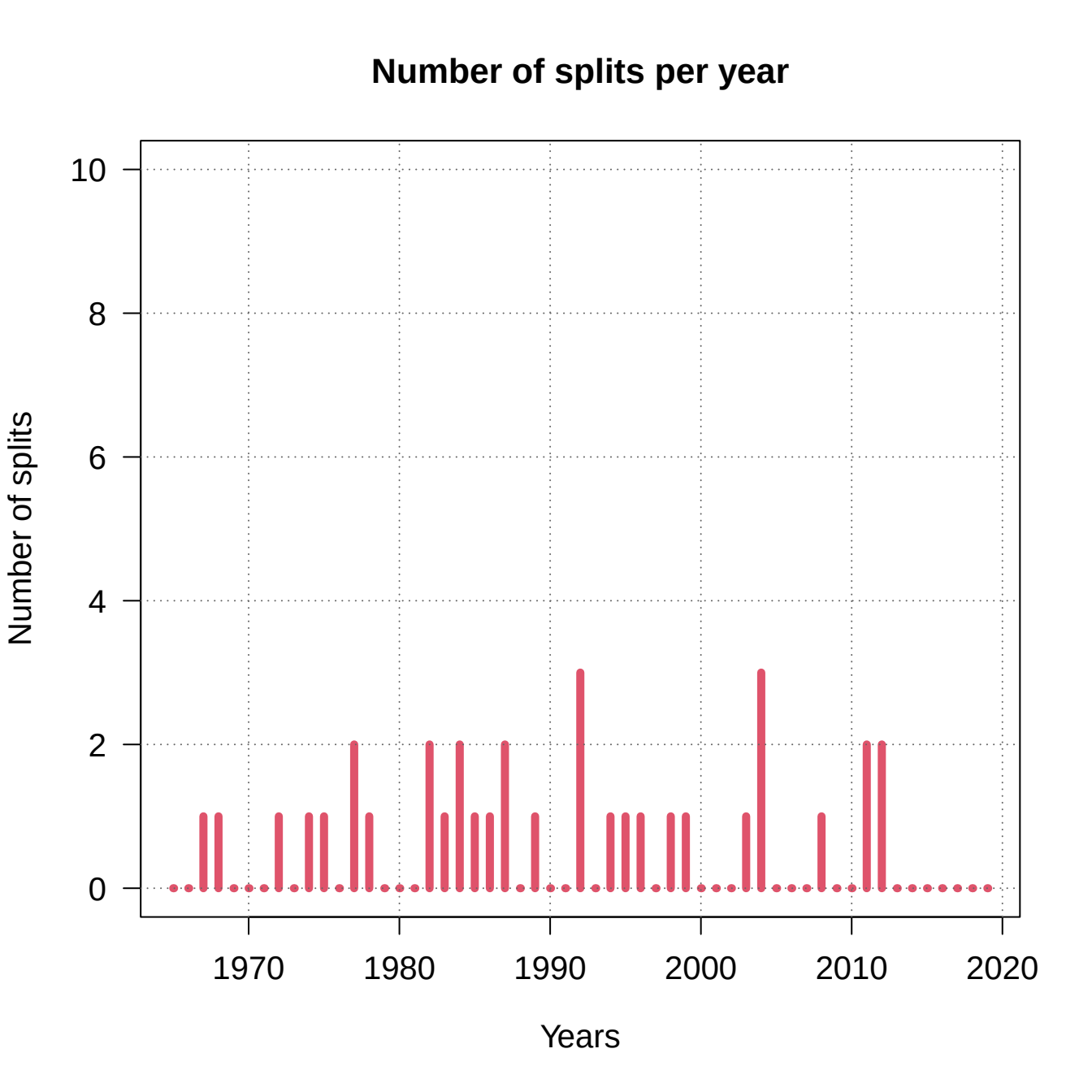

tmax−m 15 (ho00000787−2)
HUARAYAMOHO−2
30
4
2
0
−2
−4
Standardized anomalies (observed − computed)
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time


tmax−m 10 (ho00000786−2)
HUANCANE−2
29
4
2
0
−2
−4
Standardized anomalies (observed − computed)
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.


tmax−m 11 (ho00000786−3)
HUANCANE−3
25
4
2
0
−2
−4
Standardized anomalies (observed − computed)
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

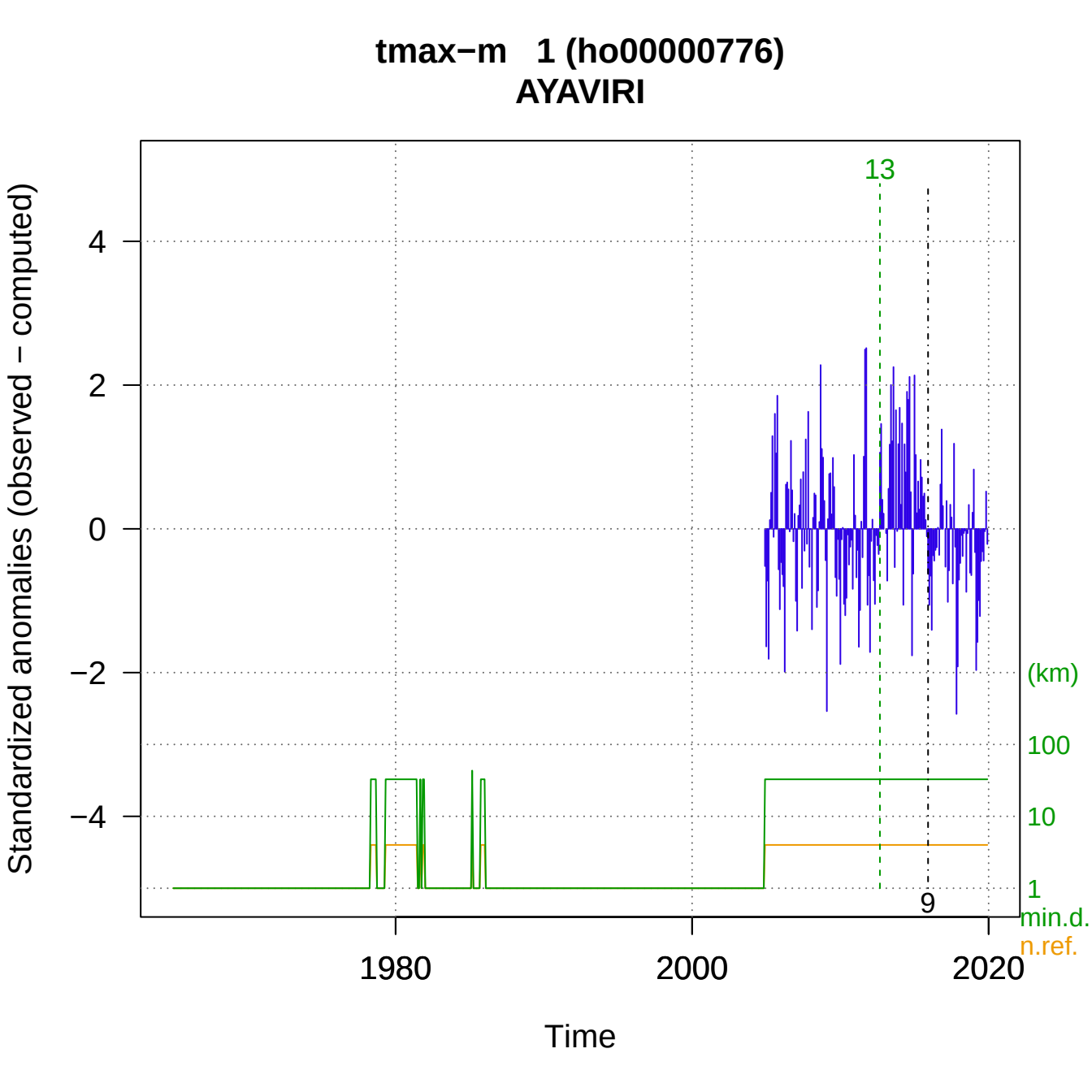

Histogram of maximum SNHT (Stage 2)
Frequency
0
1
2
3
4
5
6
5
10
15
20
SNHT

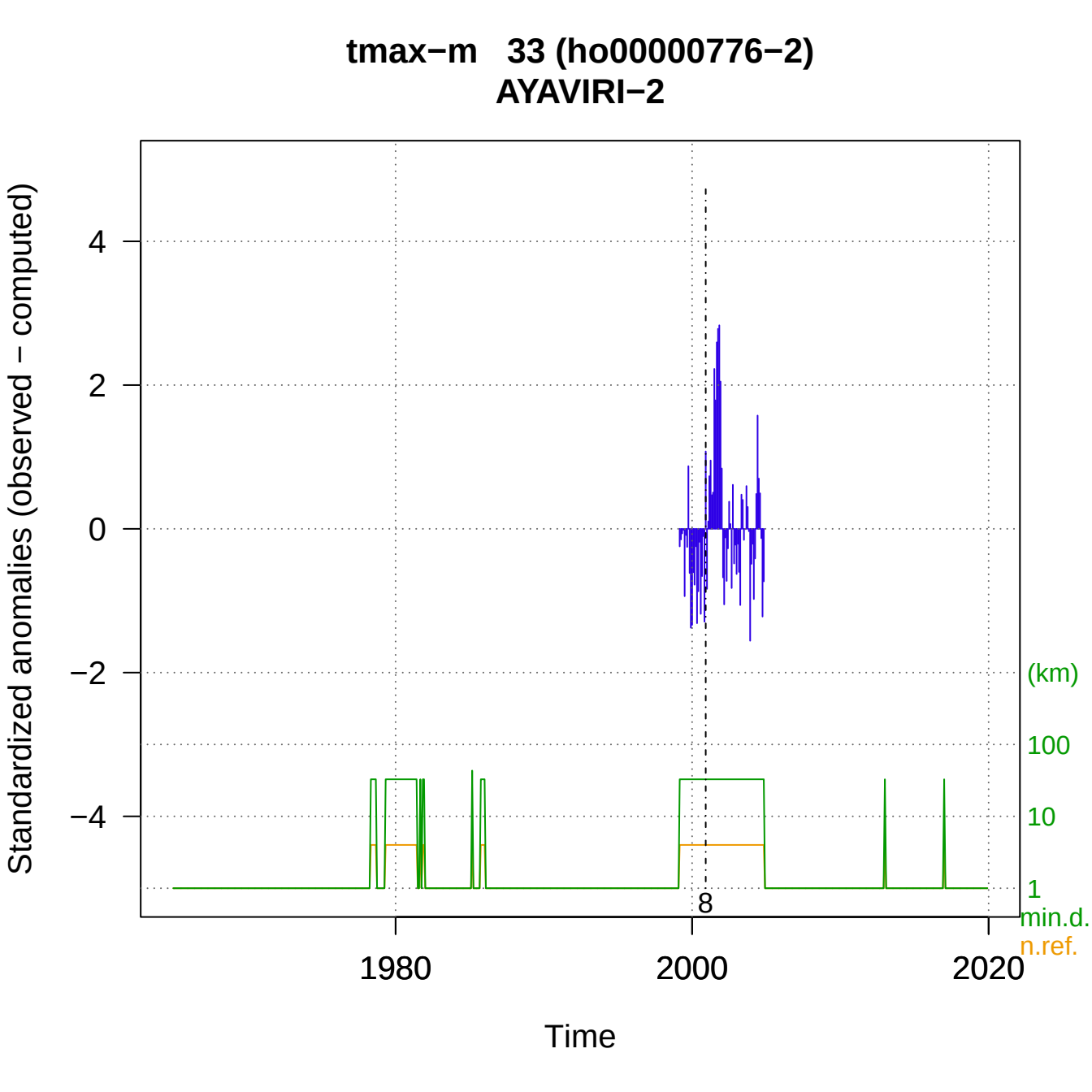

Number of splits per station
Number of stations
0
1
2
3
4
0
2
4
6
8
Number of splits

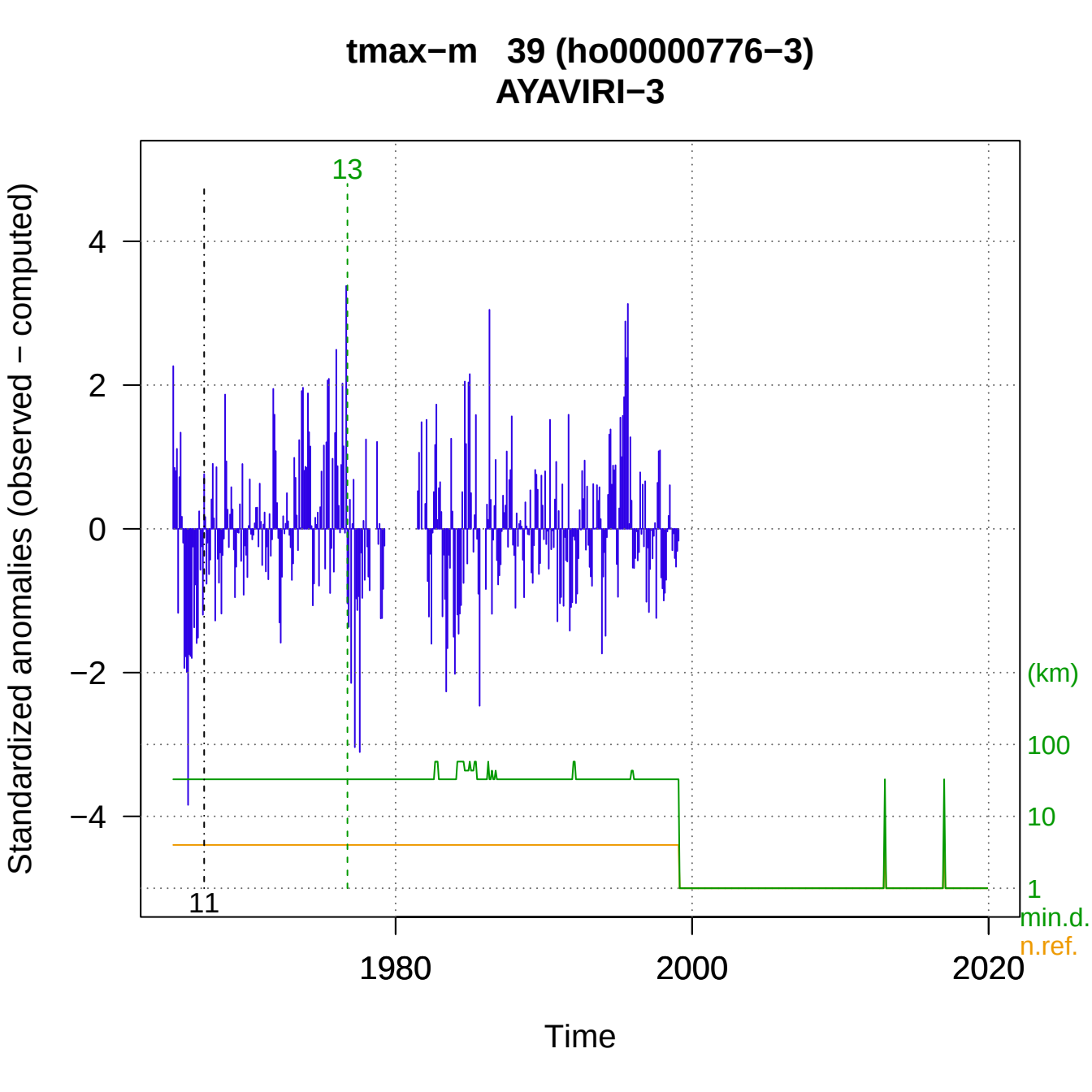

Number of splits per year
Number of splits
0
2
4
6
8
10
1970
1980
1990
2000
2010
2020
Years

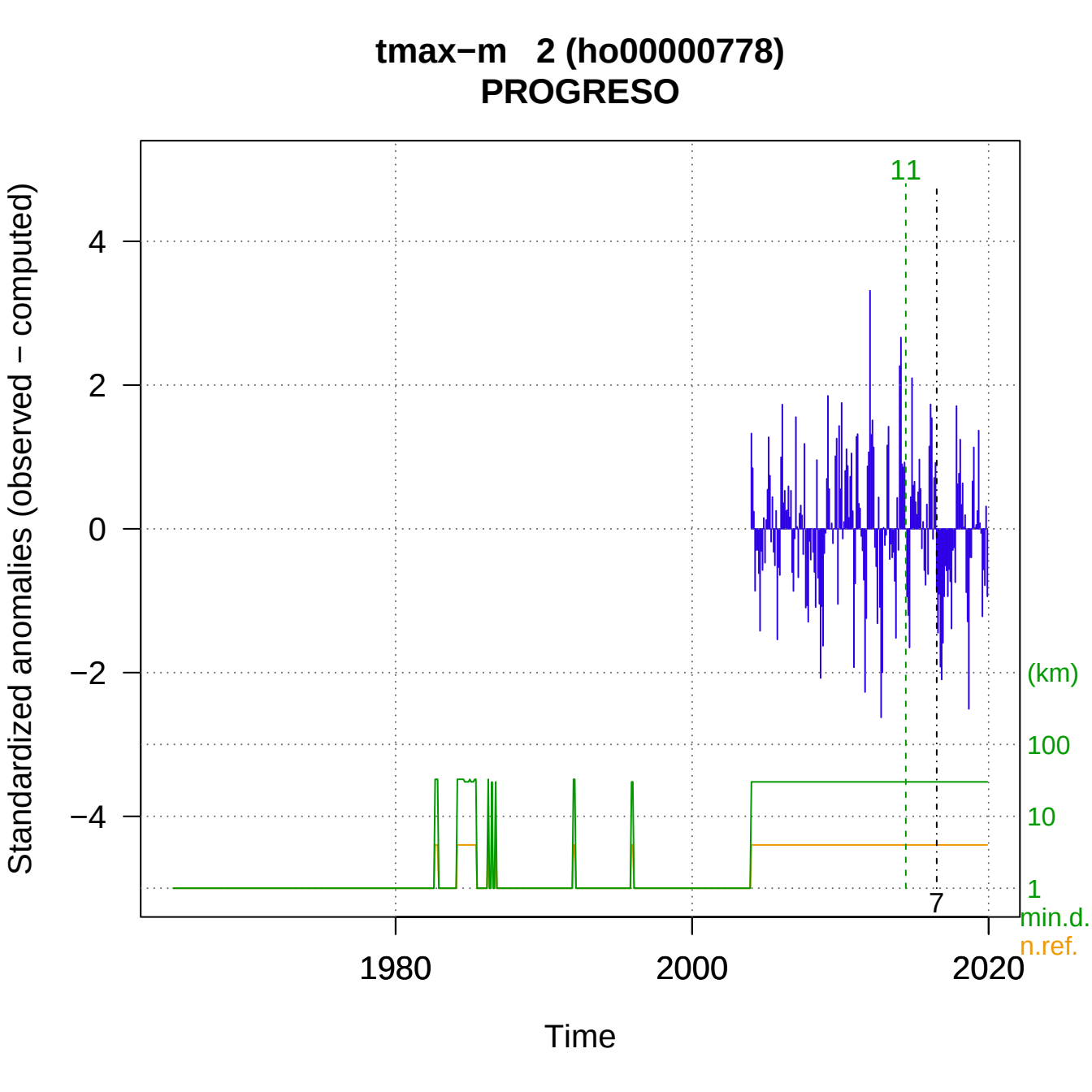
Stage 3

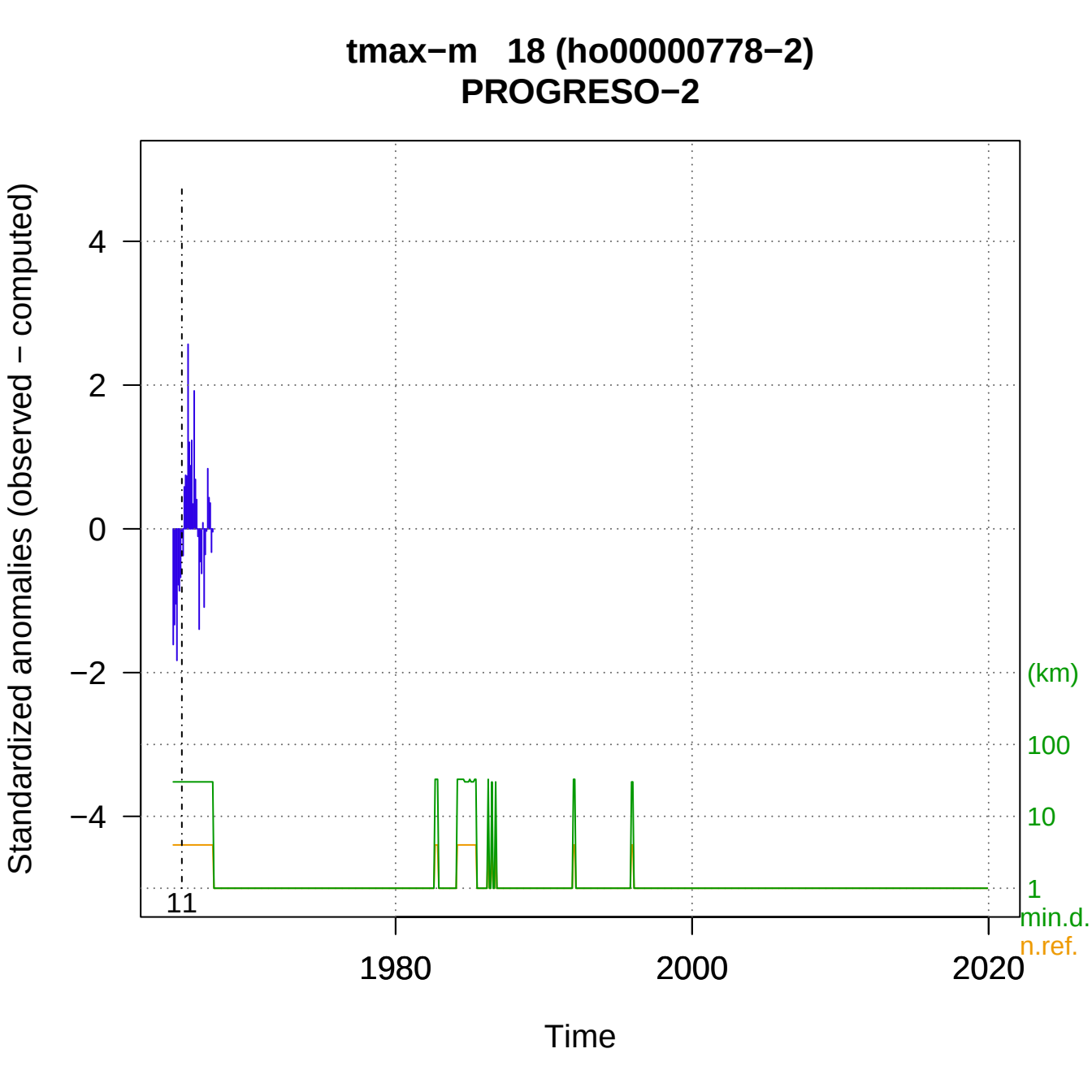
Final anomalies of the homogenized series with wd = 100 km and nref = 4

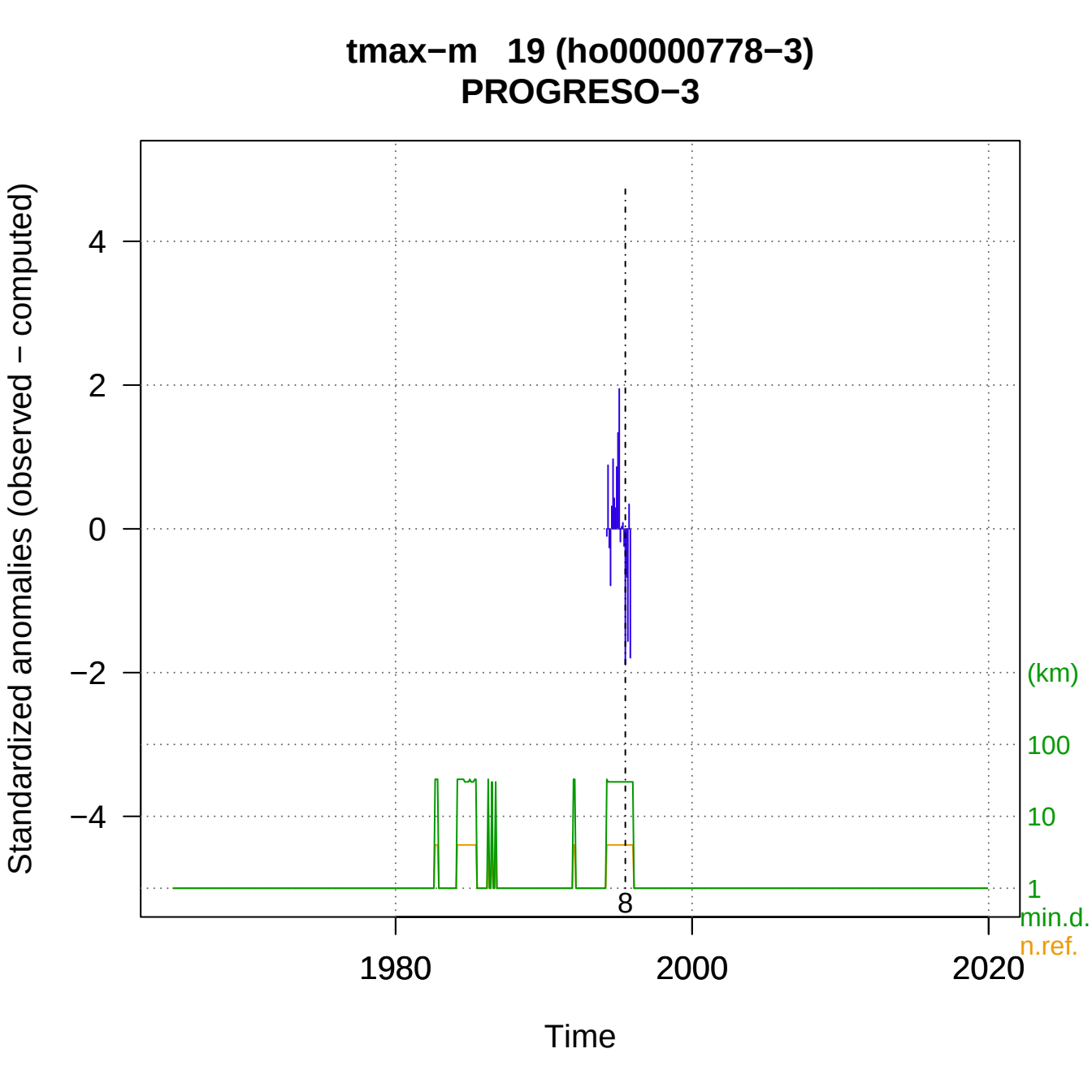

tmax−m 1 (ho00000776)
AYAVIRI
Standardized anomalies (observed − computed)
4
2
0
−2
−4
13
9
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

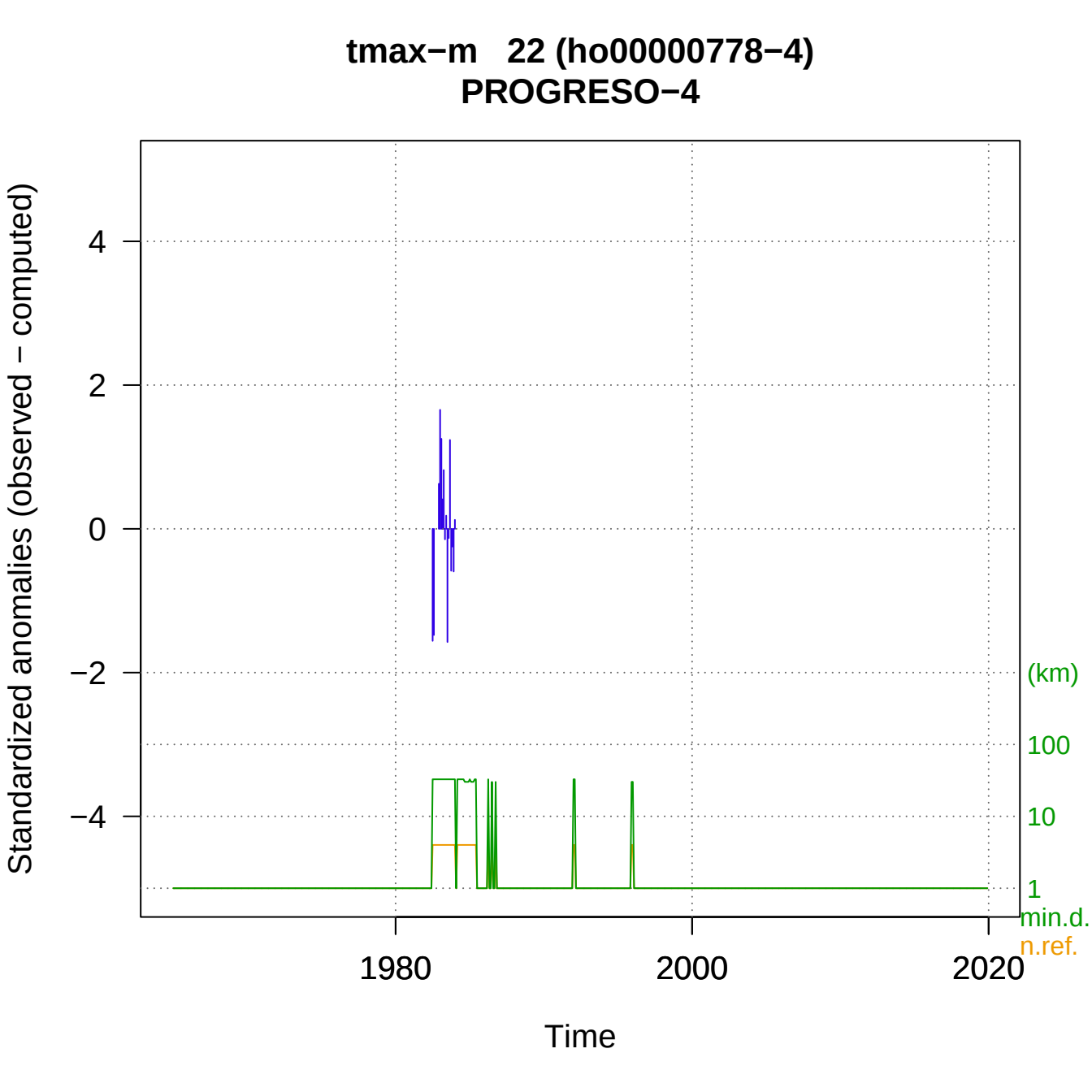

tmax−m 33 (ho00000776−2)
AYAVIRI−2
Standardized anomalies (observed − computed)
4
2
0
−2
−4
(km)
100
10
1
min.d.
n.ref.
8
1980
2000
2020
Time

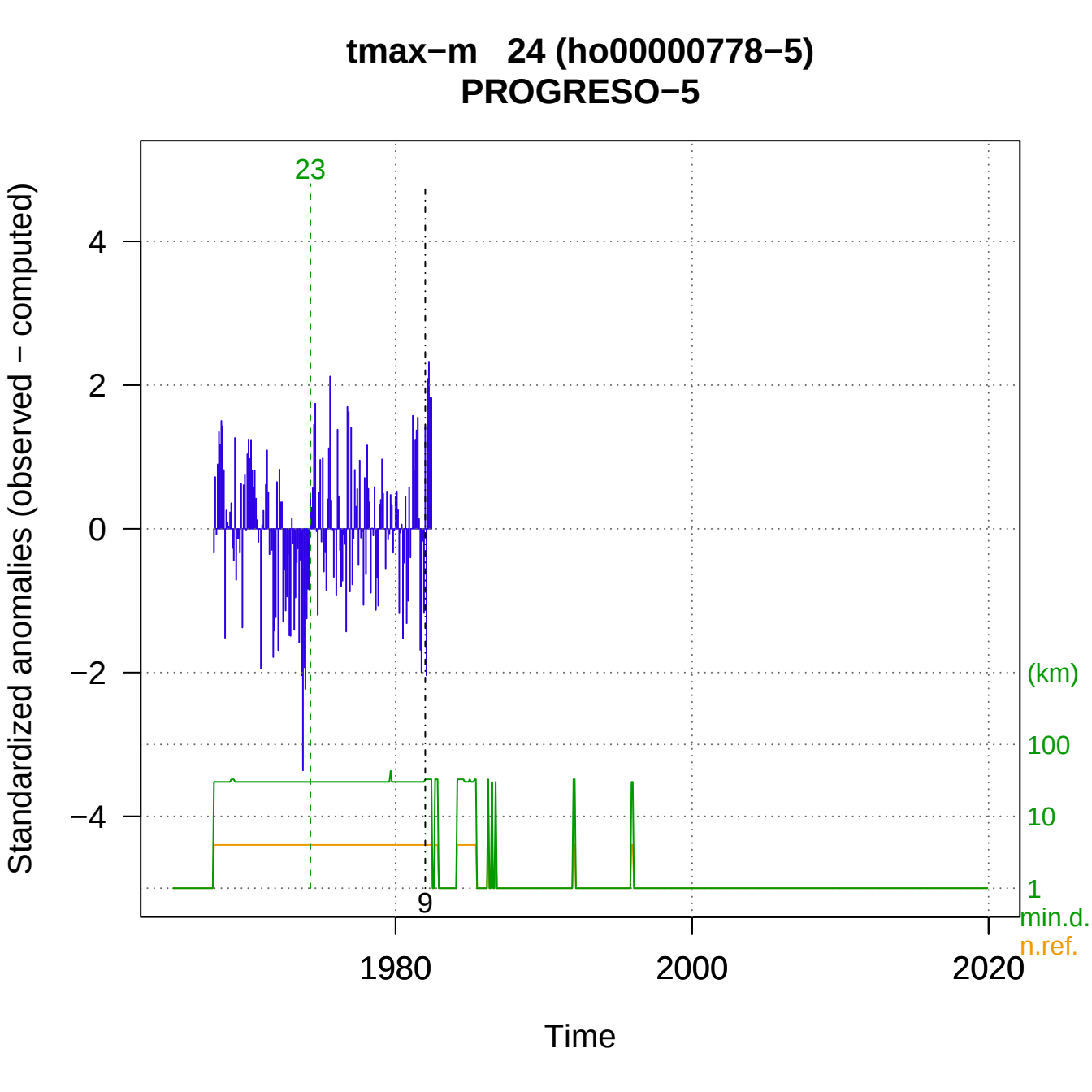

tmax−m 39 (ho00000776−3)
AYAVIRI−3
Standardized anomalies (observed − computed)
4
2
0
−2
−4
13
11
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

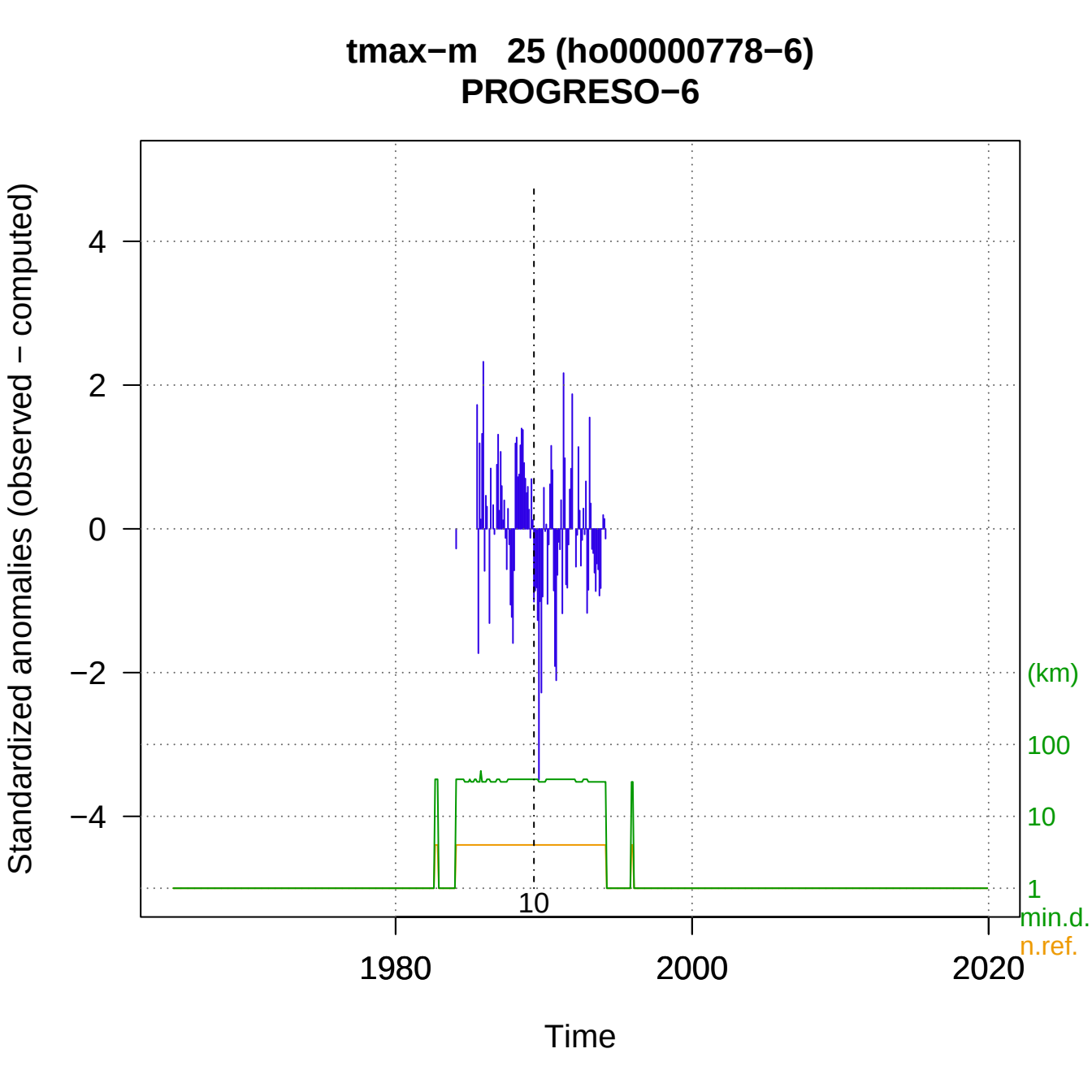

tmax−m 2 (ho00000778)
PROGRESO
Standardized anomalies (observed − computed)
4
2
0
−2
−4
11
7
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

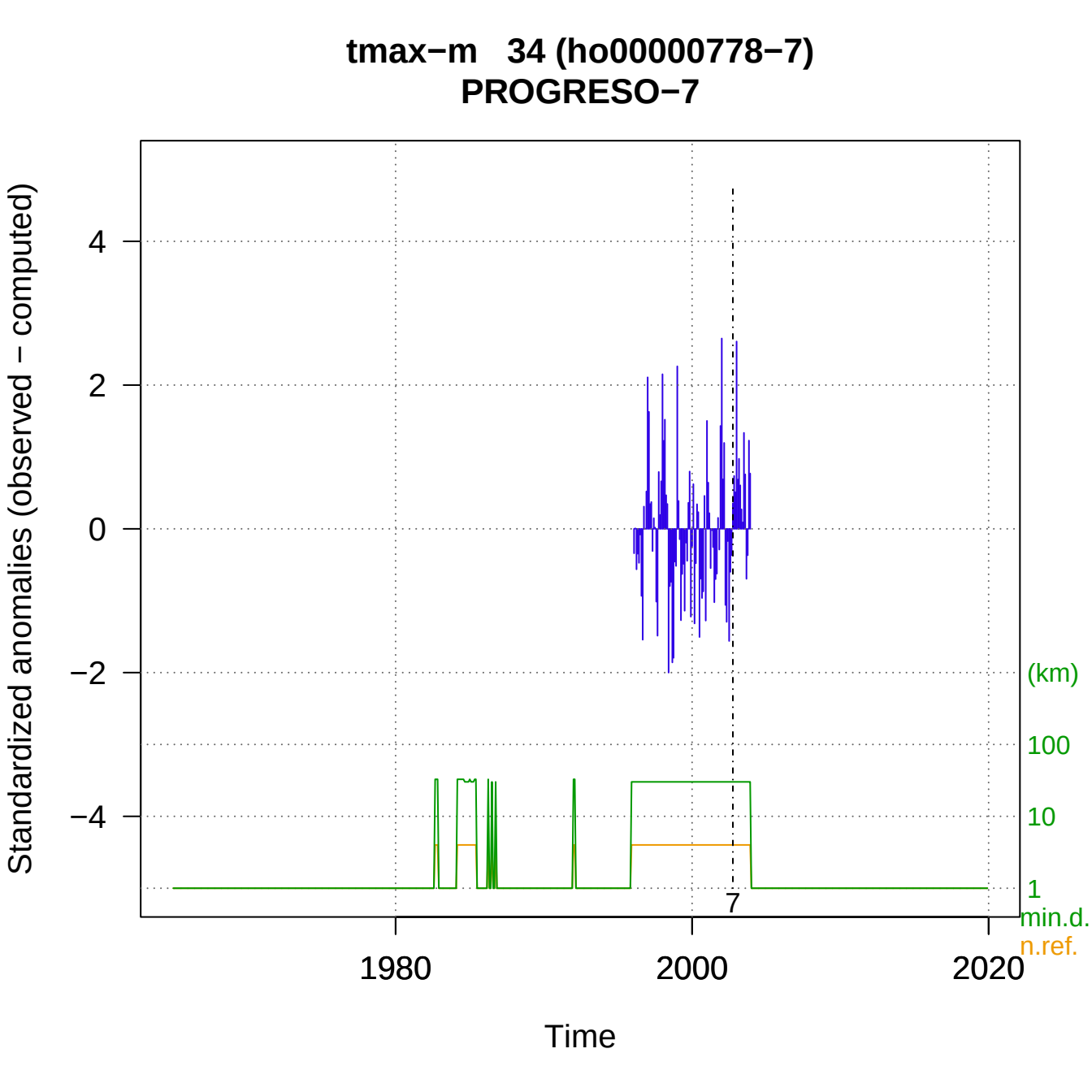

tmax−m 18 (ho00000778−2)
PROGRESO−2
Standardized anomalies (observed − computed)
4
2
0
−2
−4
11
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

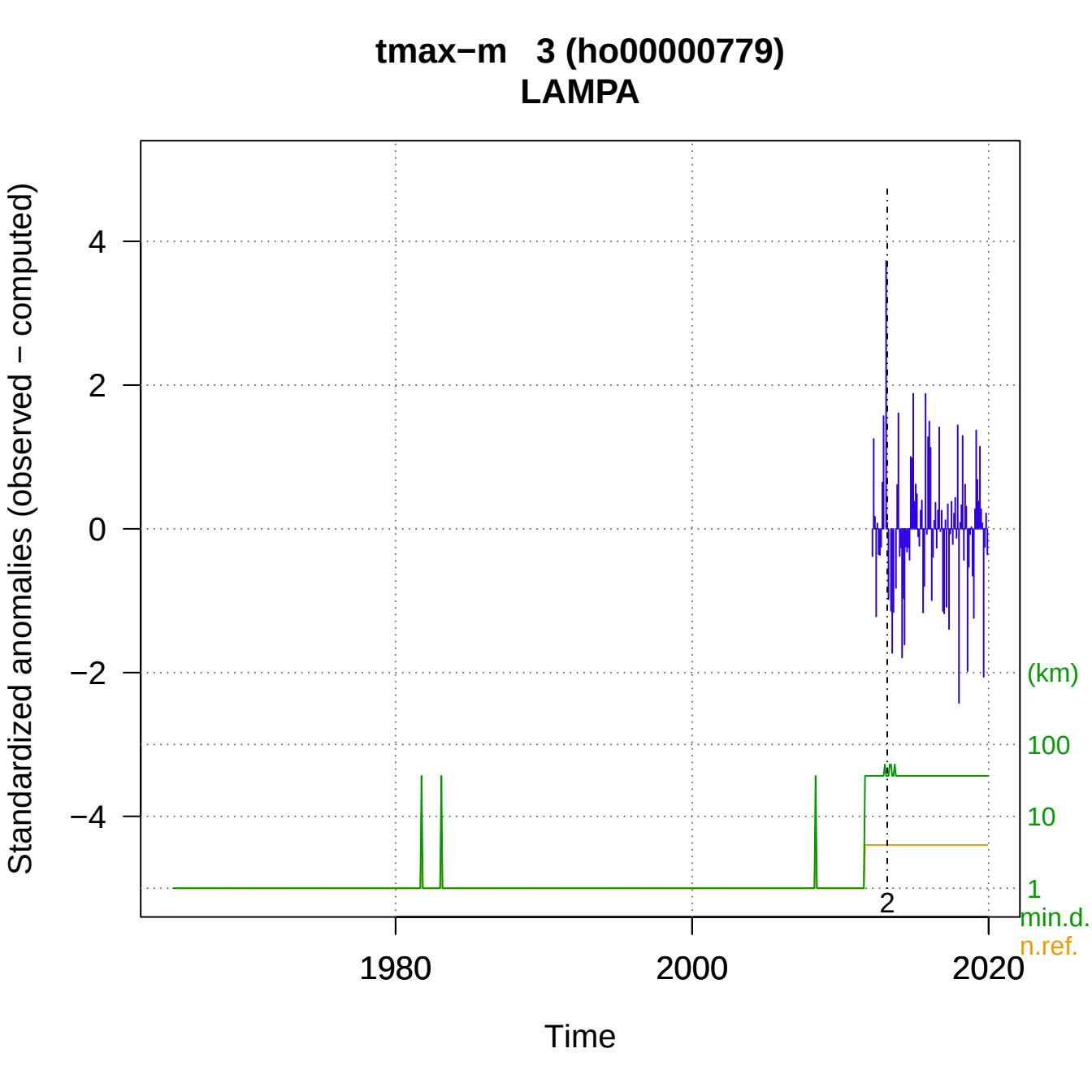

tmax−m 19 (ho00000778−3)
PROGRESO−3
Standardized anomalies (observed − computed)
4
2
0
−2
−4
8
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

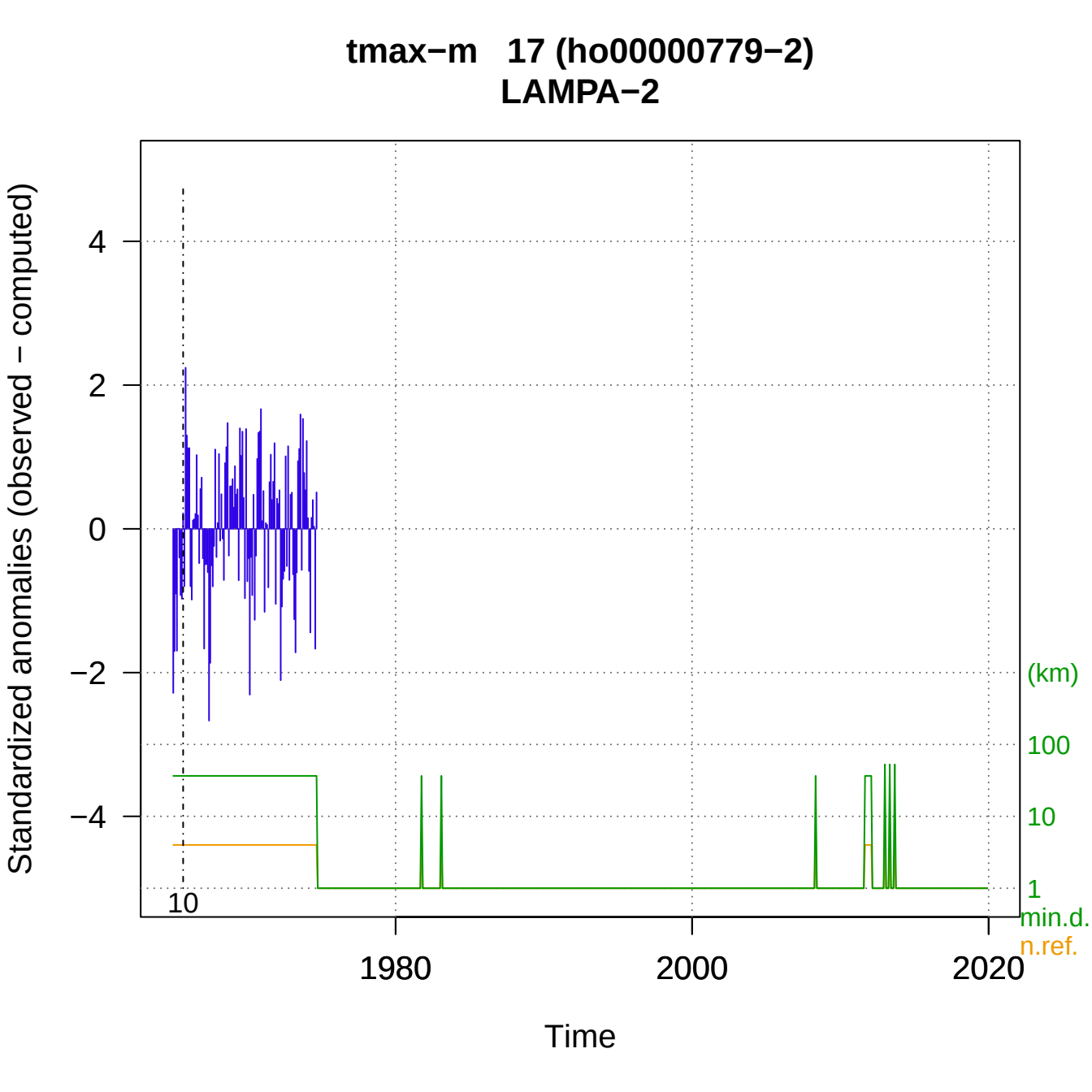

tmax−m 22 (ho00000778−4)
PROGRESO−4
Standardized anomalies (observed − computed)
4
2
0
−2
−4
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

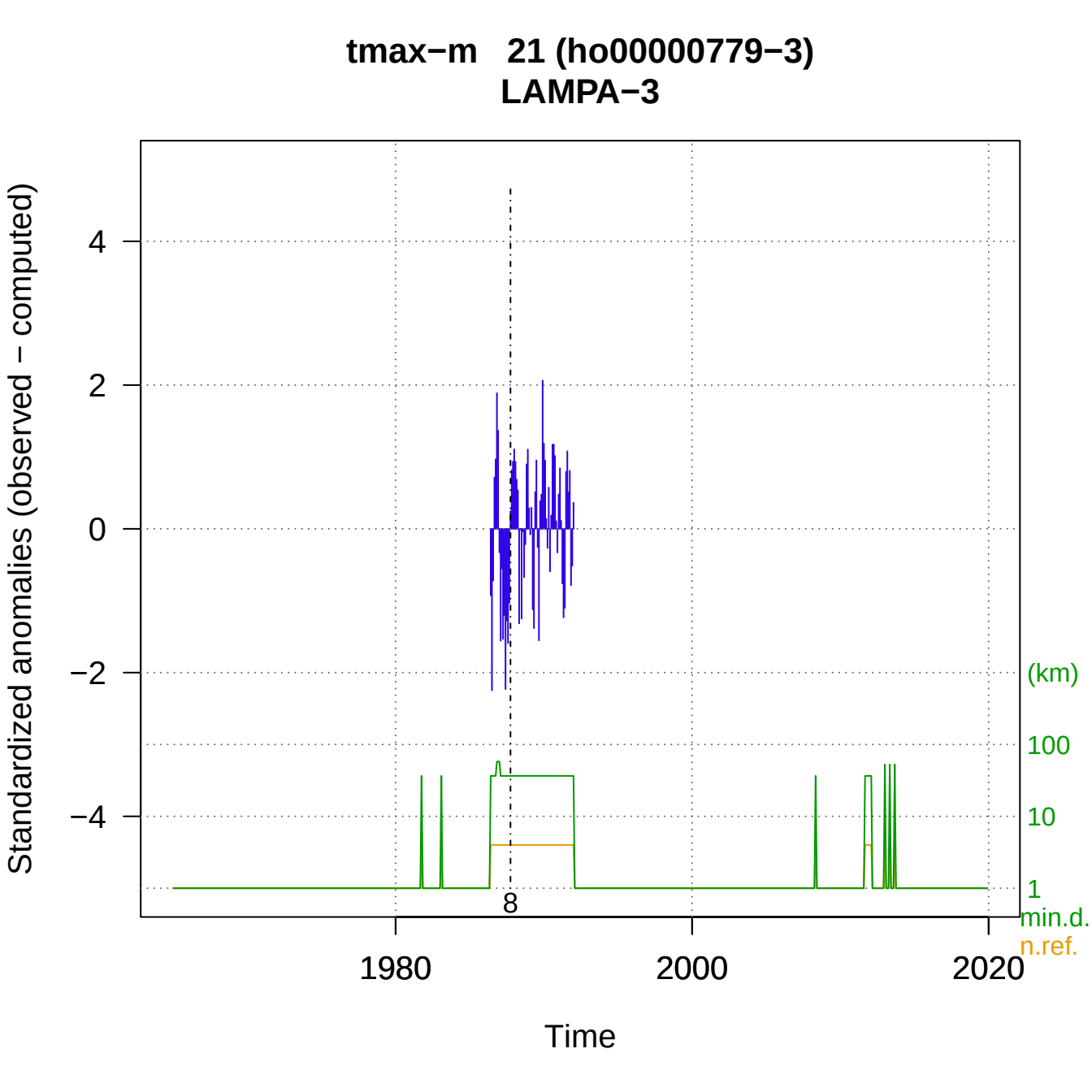

tmax−m 24 (ho00000778−5)
PROGRESO−5
Standardized anomalies (observed − computed)
4
2
0
−2
−4
23
9
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

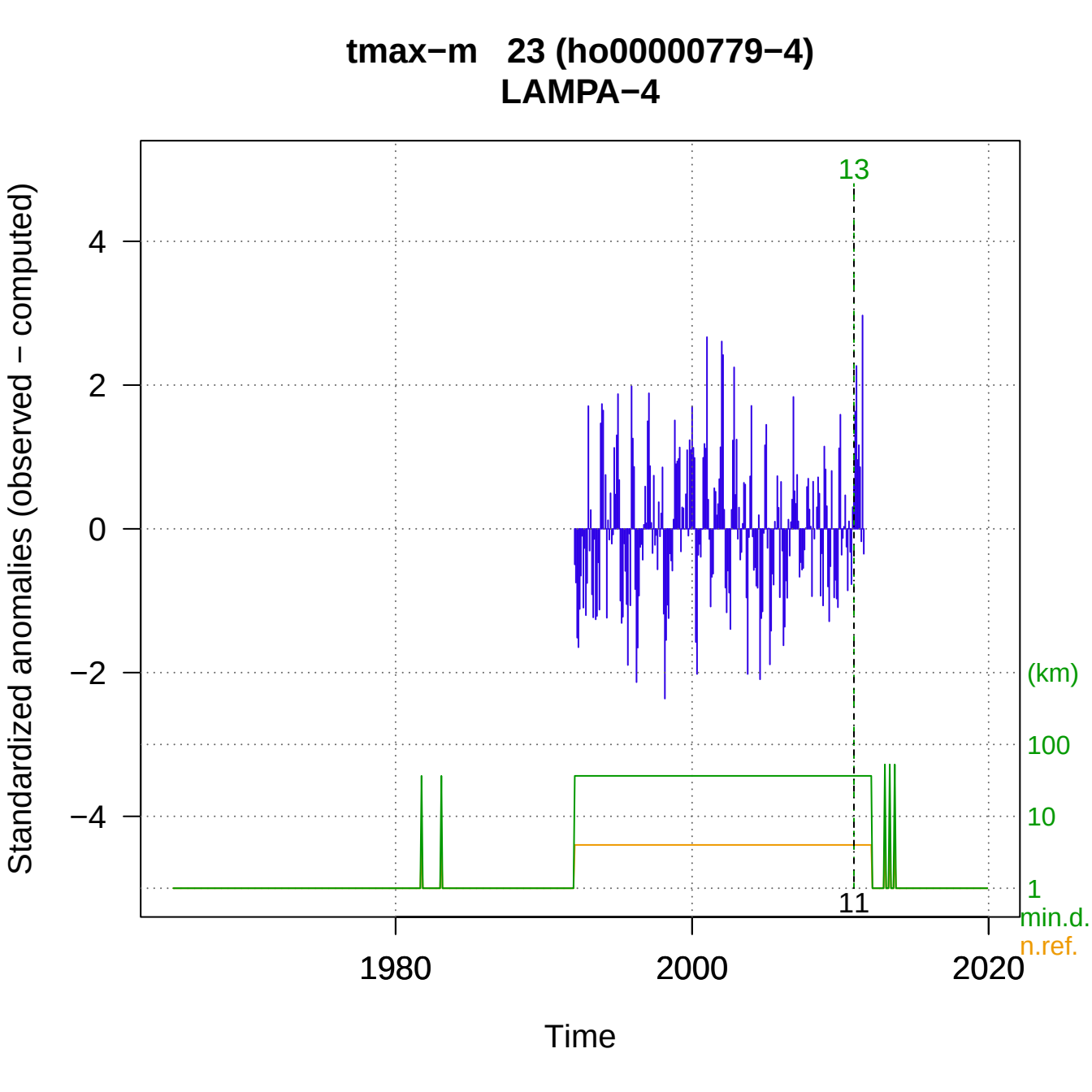

tmax−m 25 (ho00000778−6)
PROGRESO−6
Standardized anomalies (observed − computed)
4
2
0
−2
−4
10
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

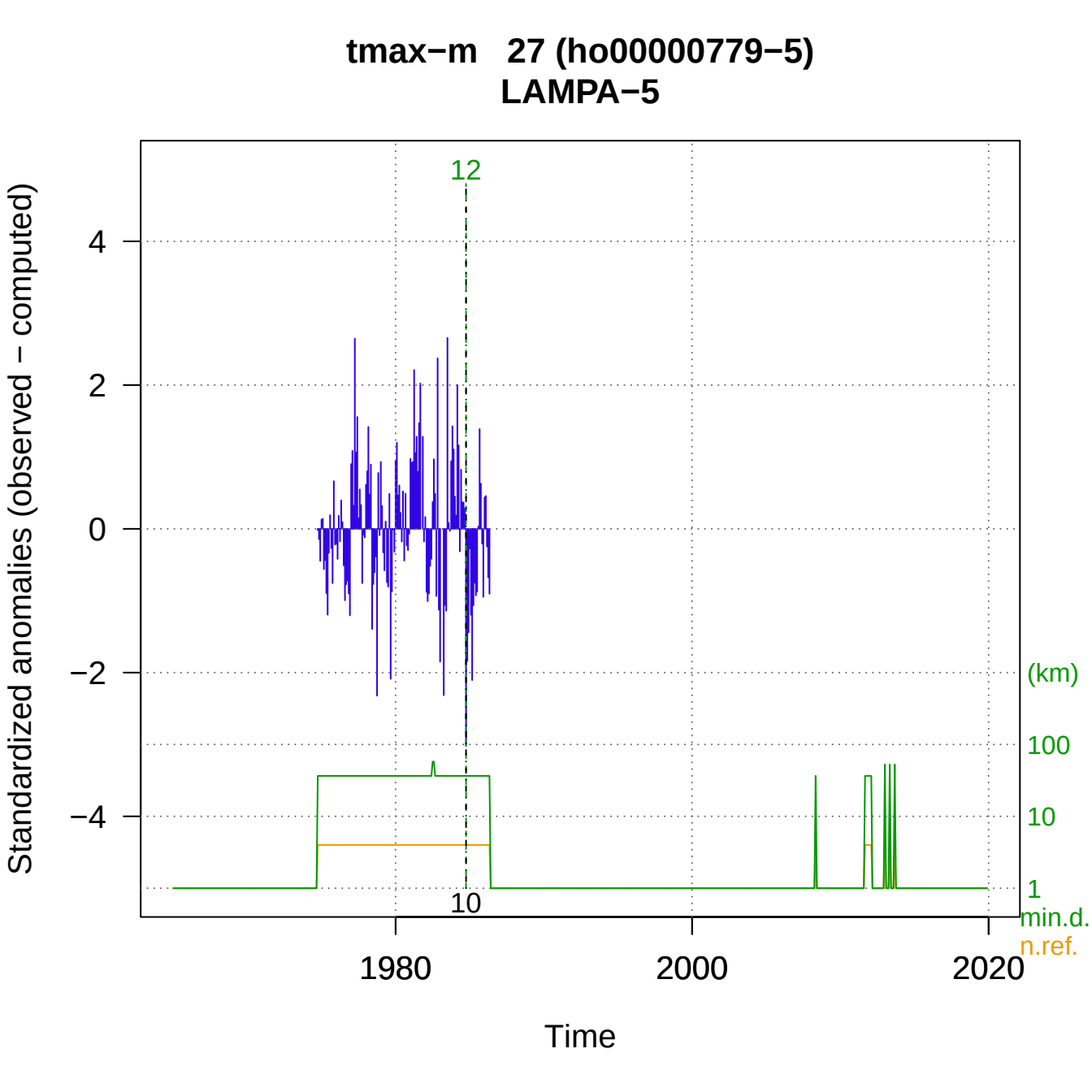

tmax−m 34 (ho00000778−7)
PROGRESO−7
Standardized anomalies (observed − computed)
4
2
0
−2
−4
1980
2000
2020
Time
7
(km)
100
10
1
min.d.
n.ref.

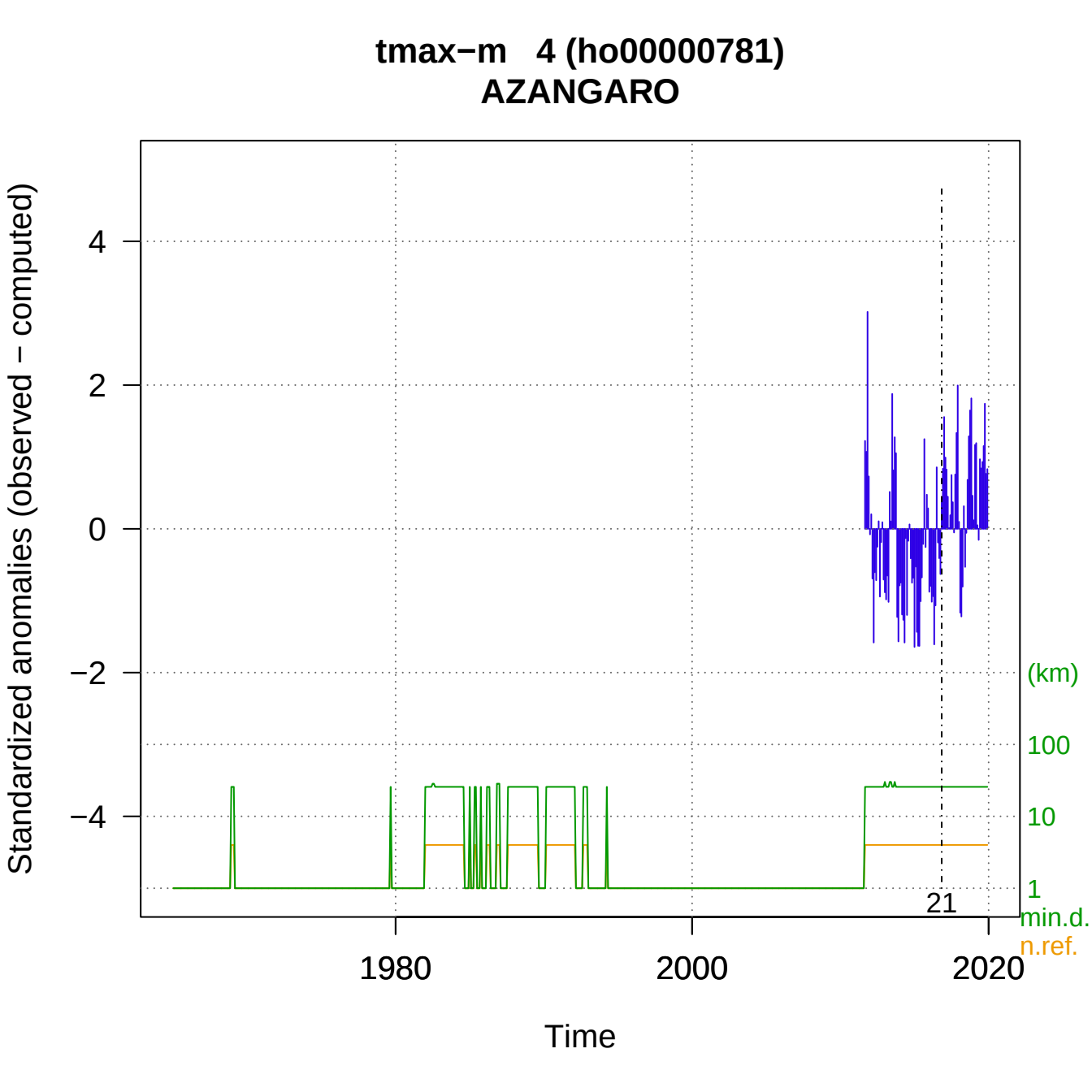

tmax−m 3 (ho00000779)
LAMPA
Standardized anomalies (observed − computed)
4
2
0
−2
−4
1980
2000
2020
Time
2
(km)
100
10
1
min.d.
n.ref.

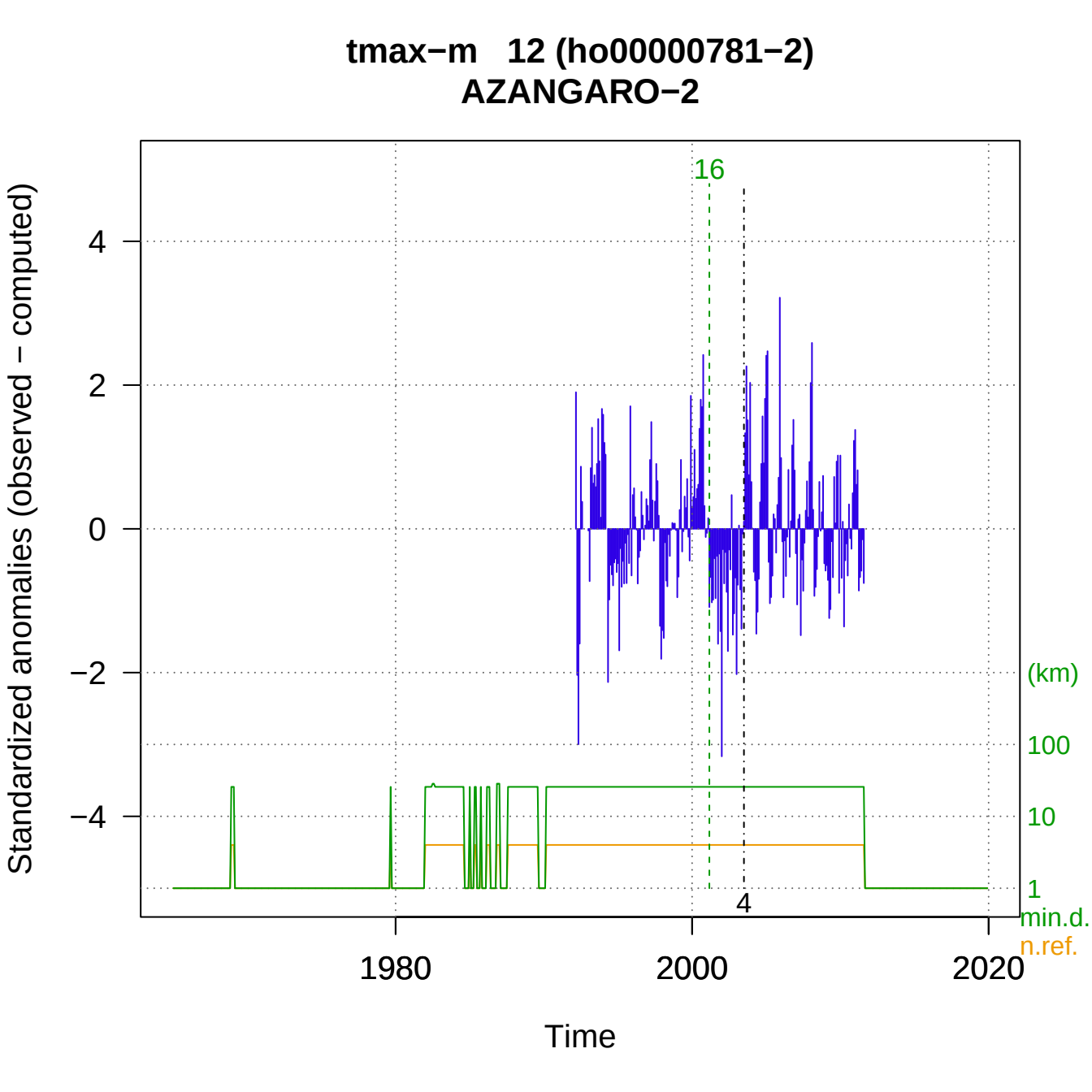

tmax−m 17 (ho00000779−2)
LAMPA−2
Standardized anomalies (observed − computed)
4
2
0
−2
−4
10
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

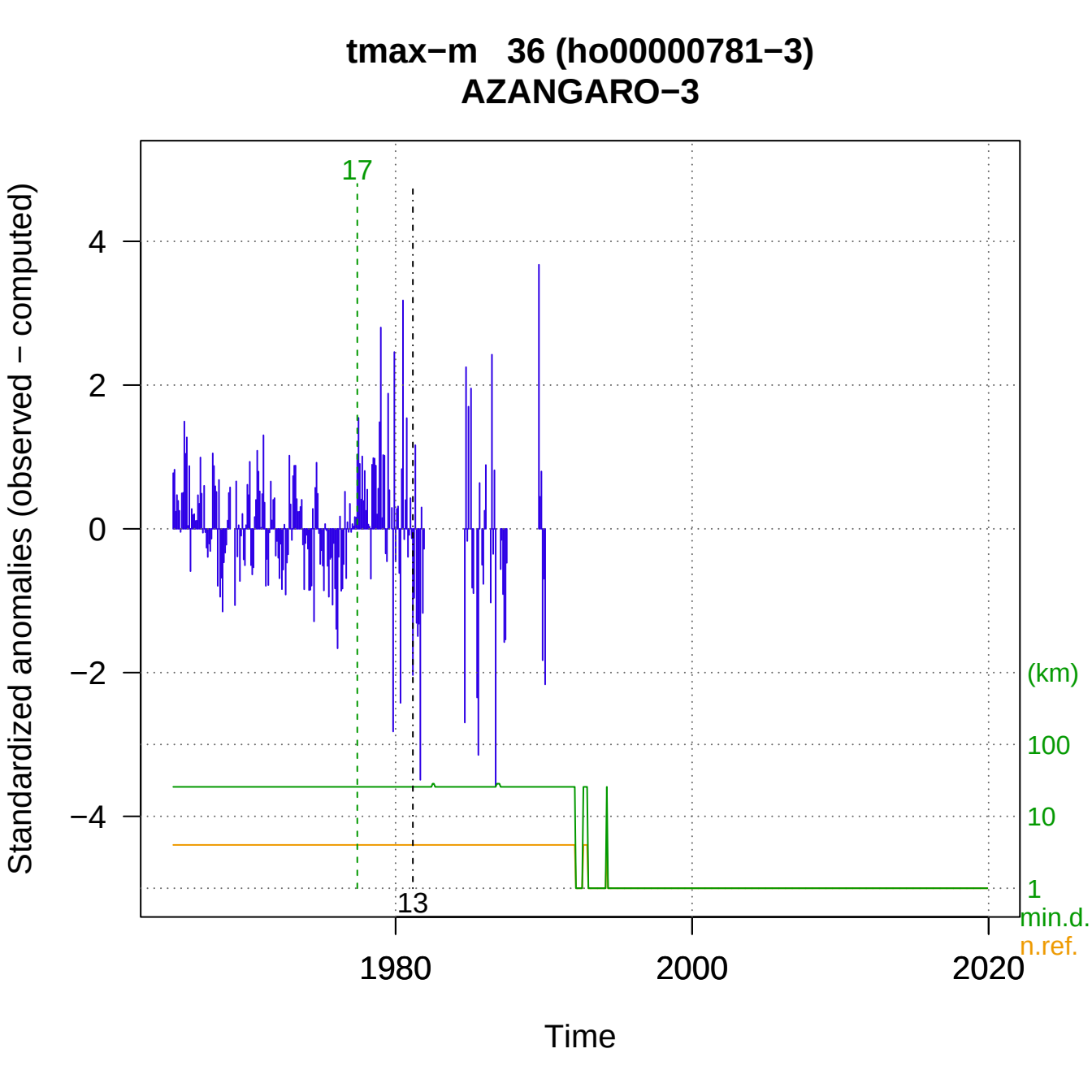

tmax−m 21 (ho00000779−3)
LAMPA−3
Standardized anomalies (observed − computed)
4
2
0
−2
−4
8
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

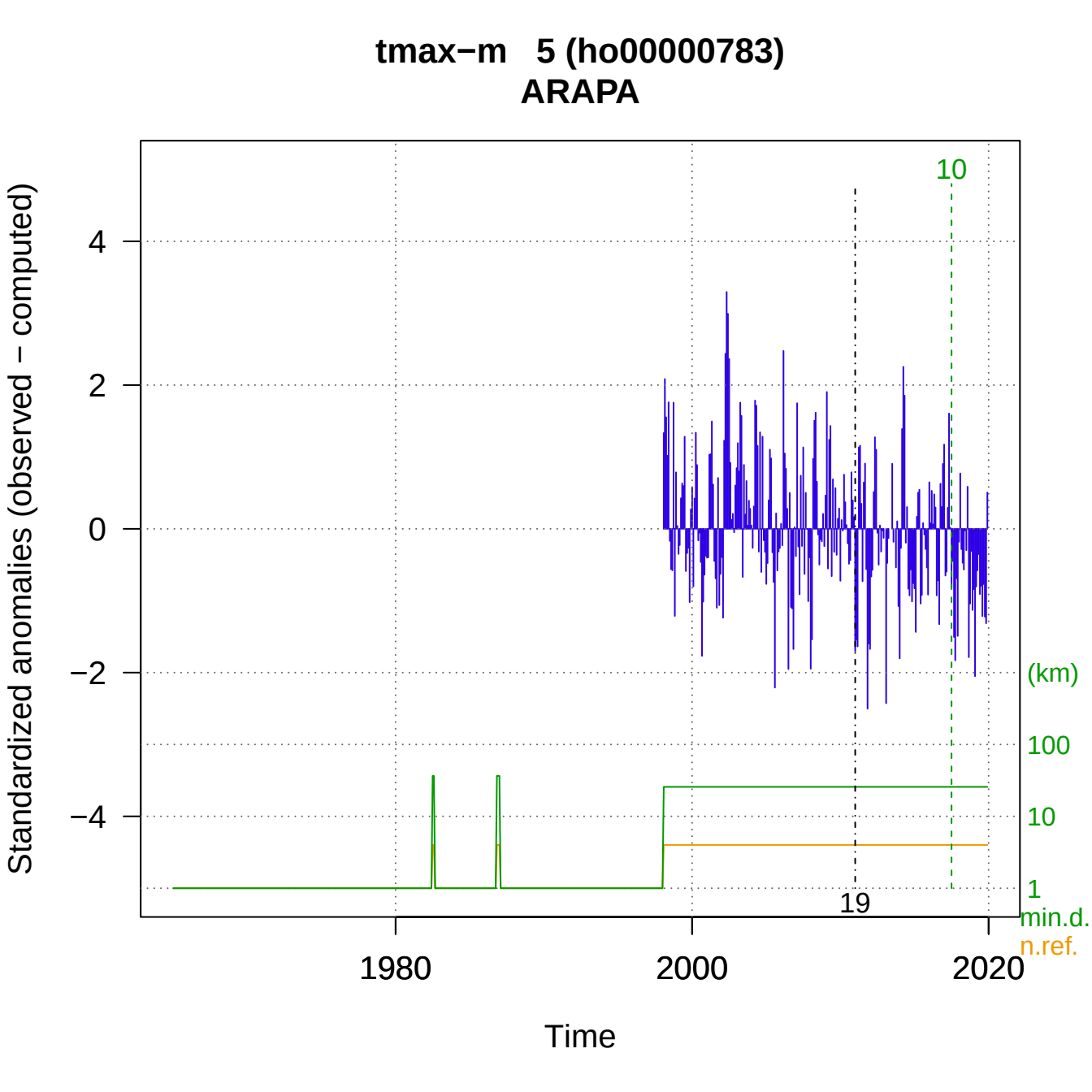

tmax−m 23 (ho00000779−4)
LAMPA−4
Standardized anomalies (observed − computed)
4
2
0
−2
−4
13
11
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

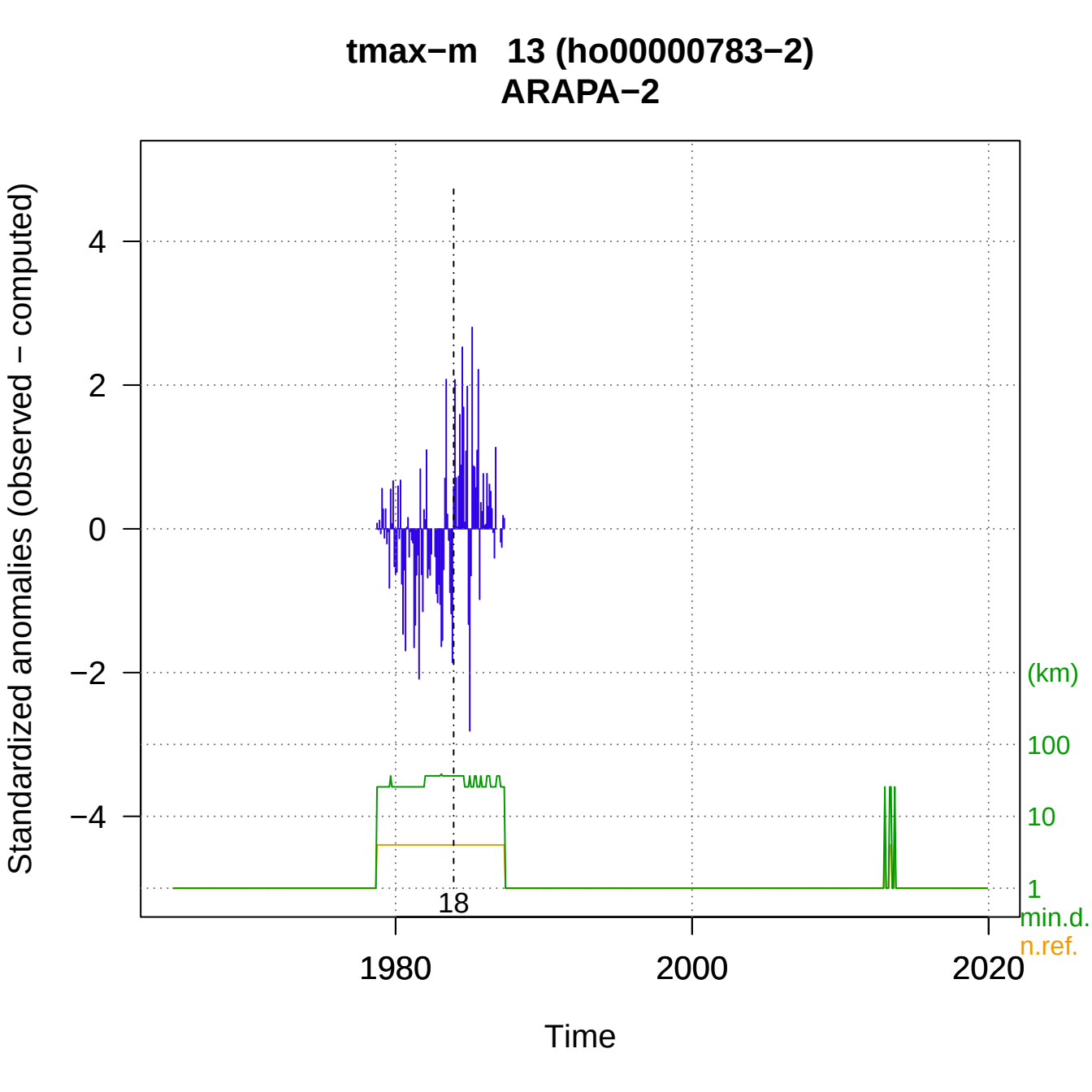

tmax−m 27 (ho00000779−5)
LAMPA−5
Standardized anomalies (observed − computed)
4
2
0
−2
−4
12
10
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

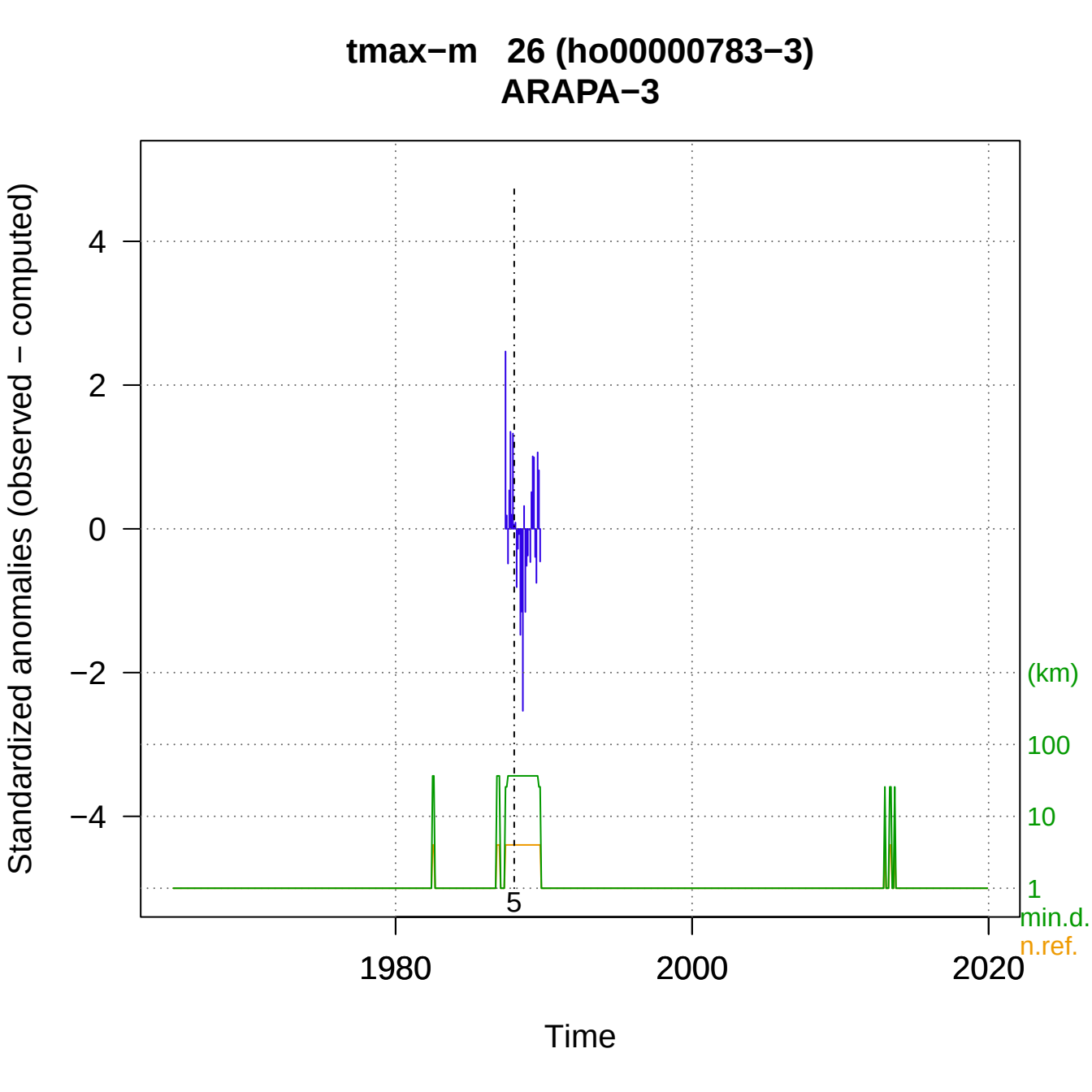

tmax−m 4 (ho00000781)
AZANGARO
Standardized anomalies (observed − computed)
4
2
0
−2
−4
1980
2000
2020
Time
21
(km)
100
10
1
min.d.
n.ref.

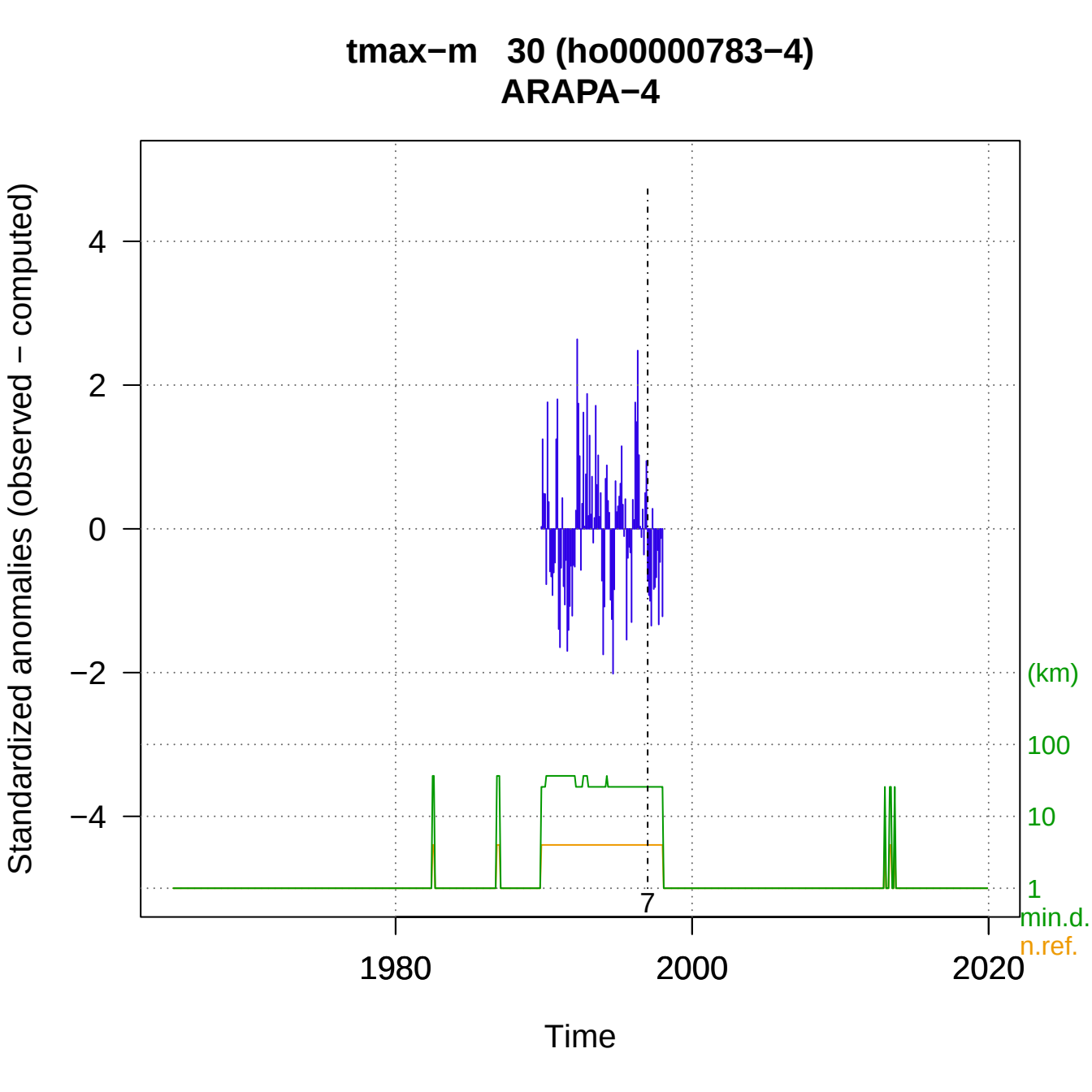

tmax−m 12 (ho00000781−2)
AZANGARO−2
Standardized anomalies (observed − computed)
4
2
0
−2
−4
16
4
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

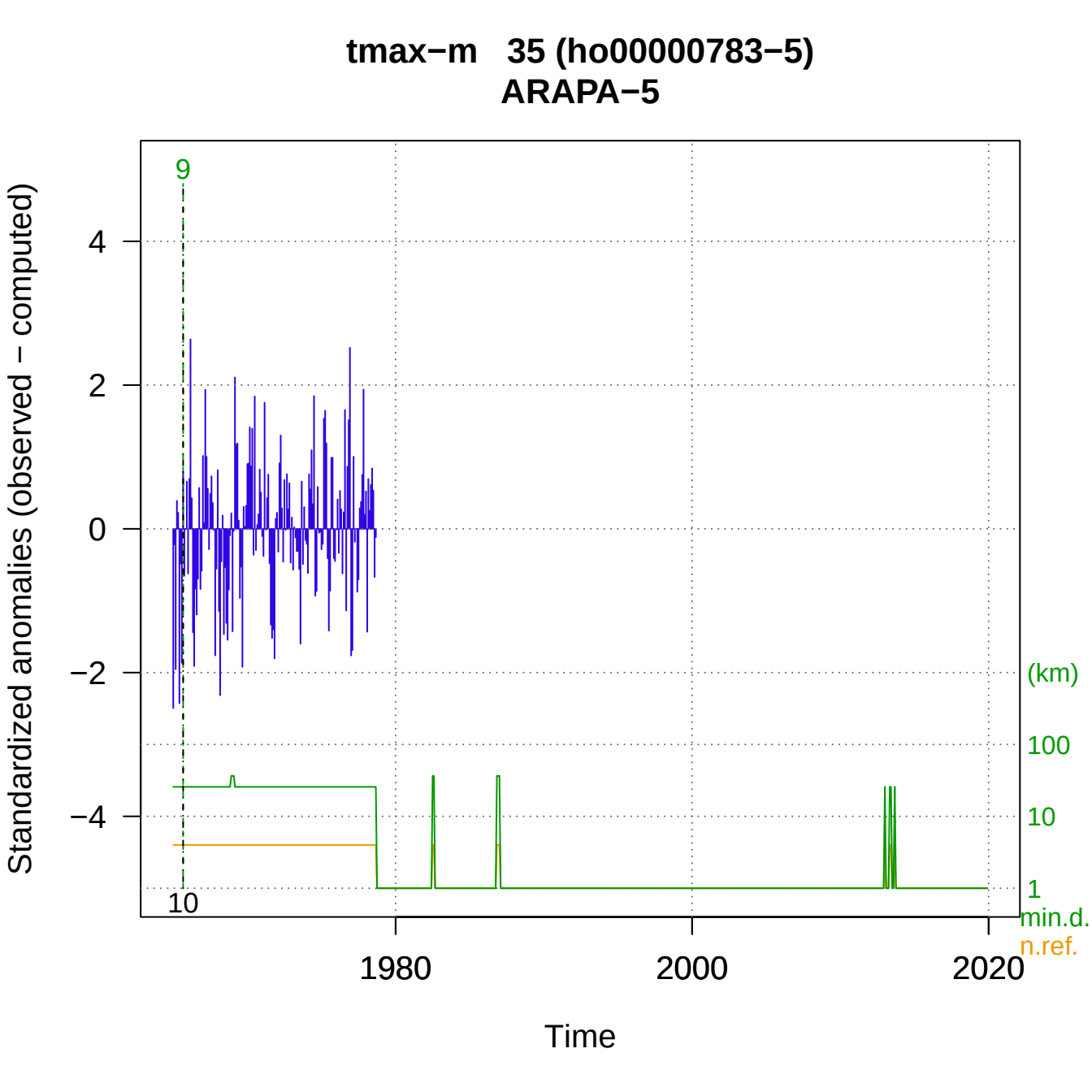

tmax−m 36 (ho00000781−3)
AZANGARO−3
17
13
4
2
0
−2
−4
Standardized anomalies (observed − computed)
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

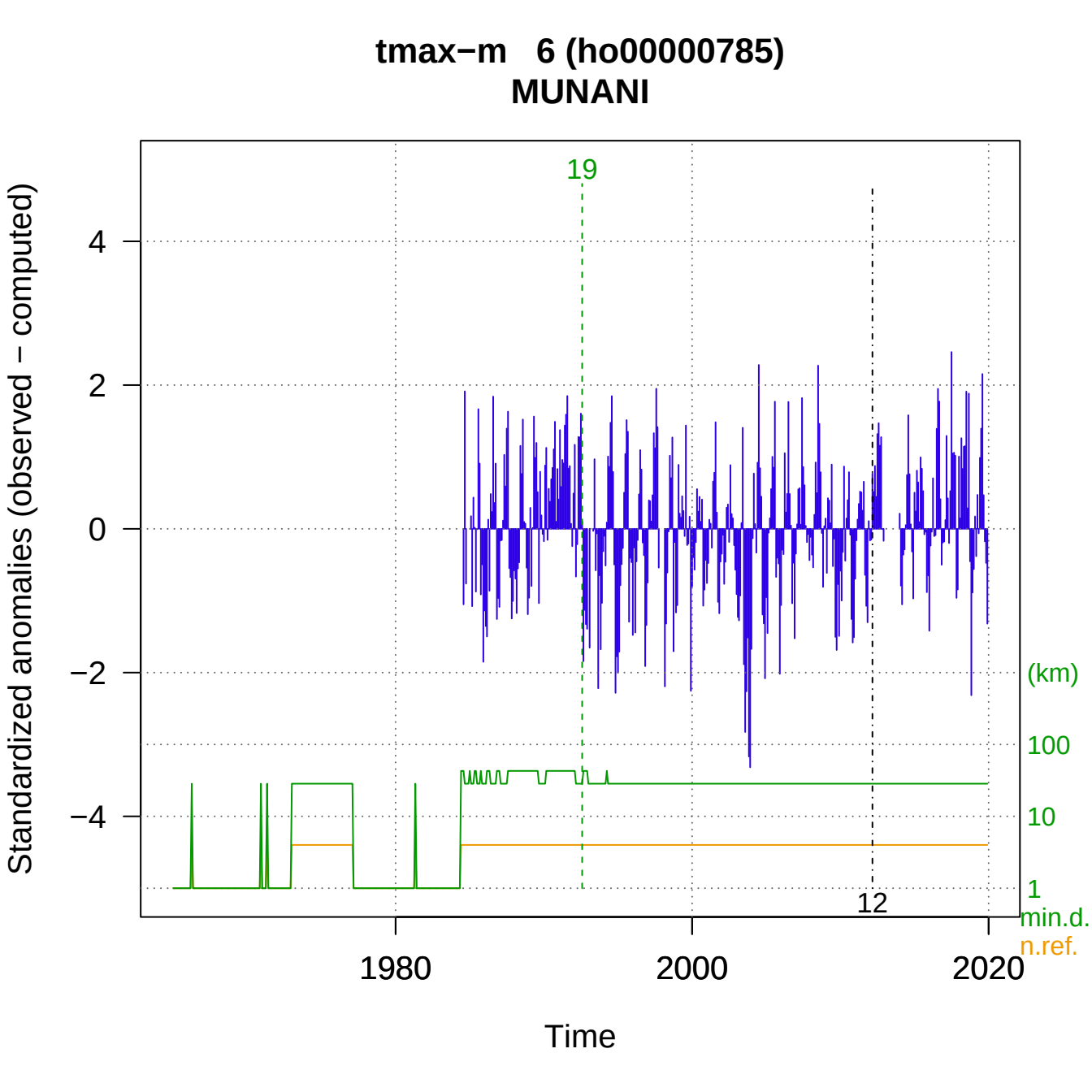

tmax−m 5 (ho00000783)
ARAPA
Standardized anomalies (observed − computed)
4
2
0
−2
−4
10
19
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

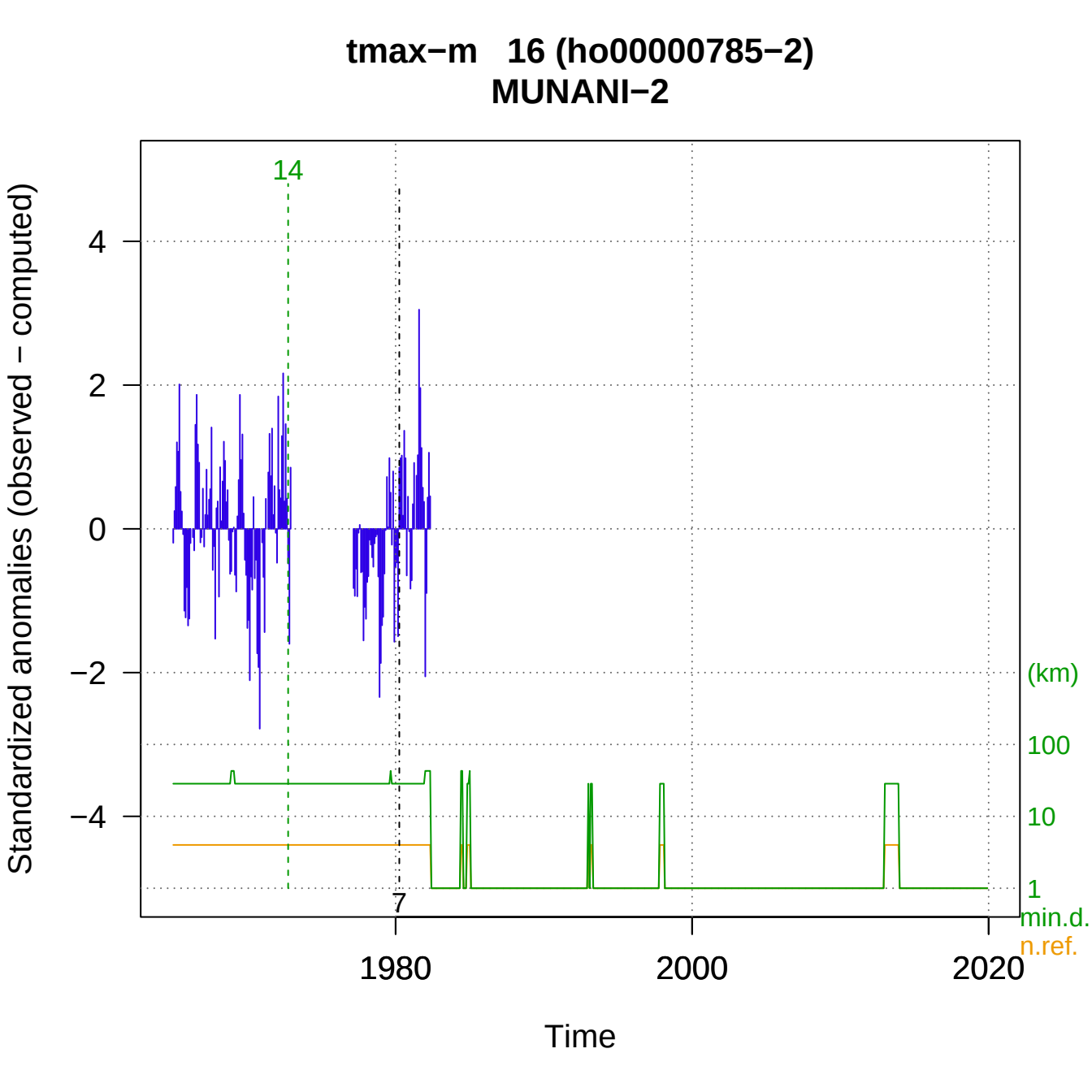

tmax−m 13 (ho00000783−2)
ARAPA−2
Standardized anomalies (observed − computed)
4
2
0
−2
−4
18
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

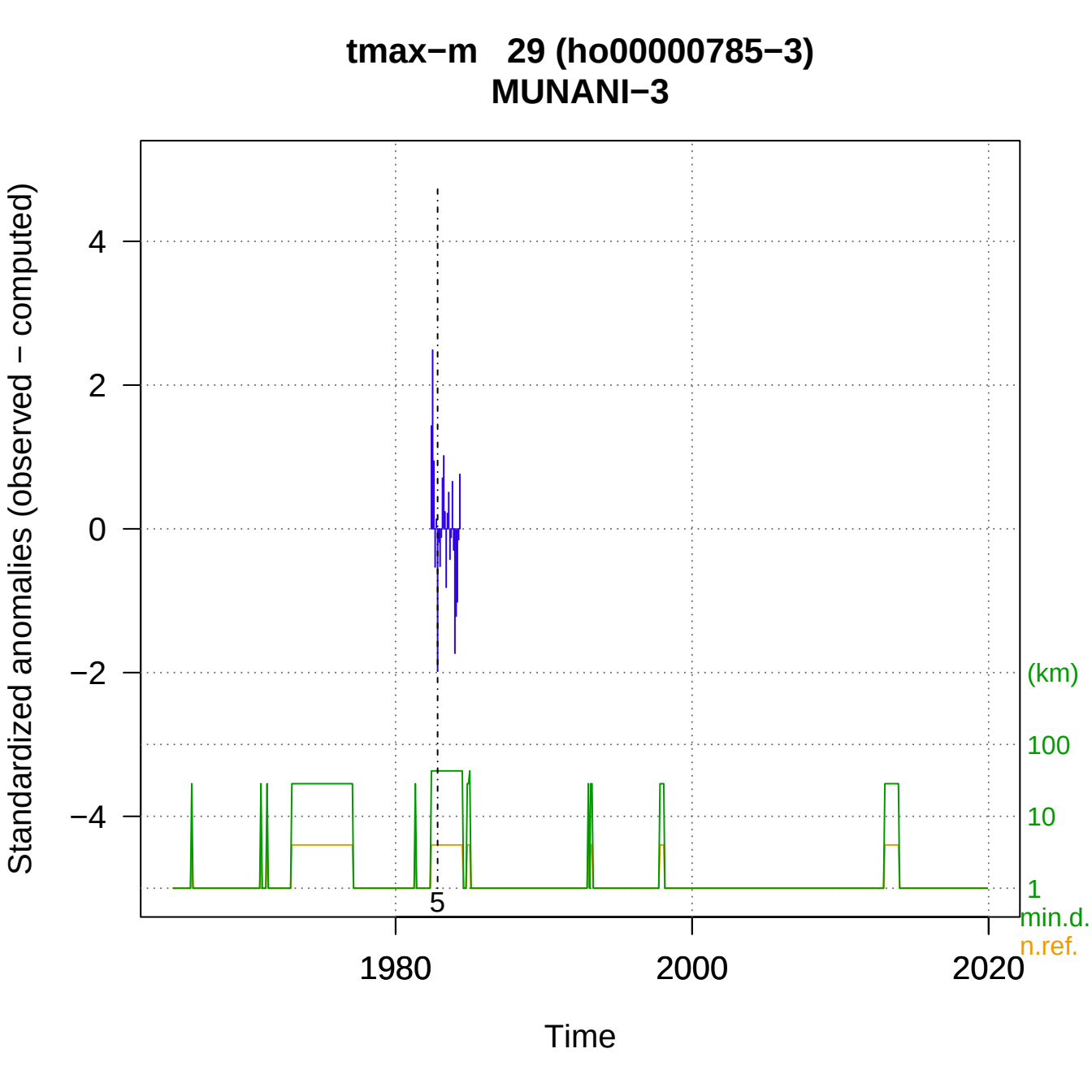

tmax−m 26 (ho00000783−3)
ARAPA−3
Standardized anomalies (observed − computed)
4
2
0
−2
−4
5
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

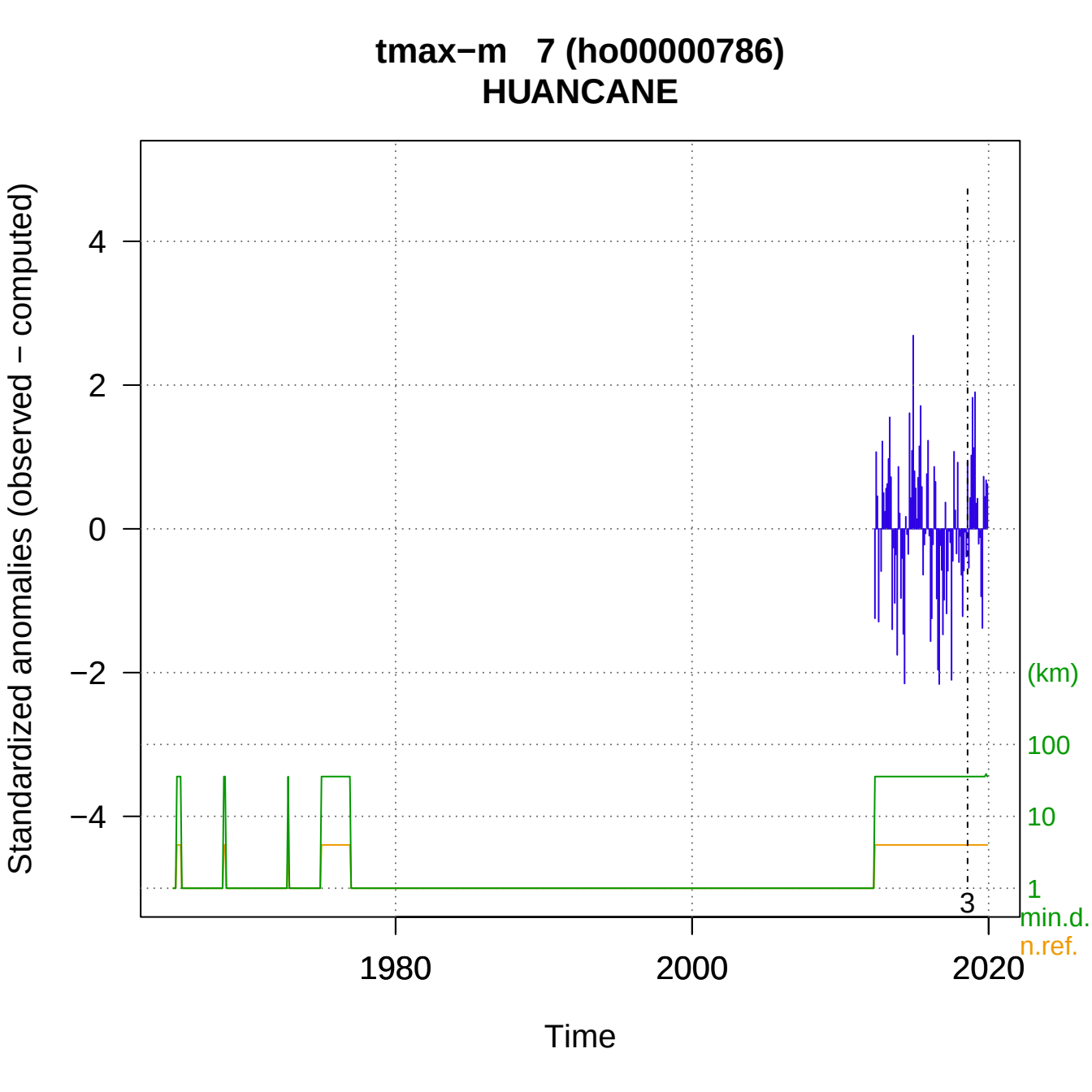

tmax−m 30 (ho00000783−4)
ARAPA−4
Standardized anomalies (observed − computed)
4
2
0
−2
−4
7
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

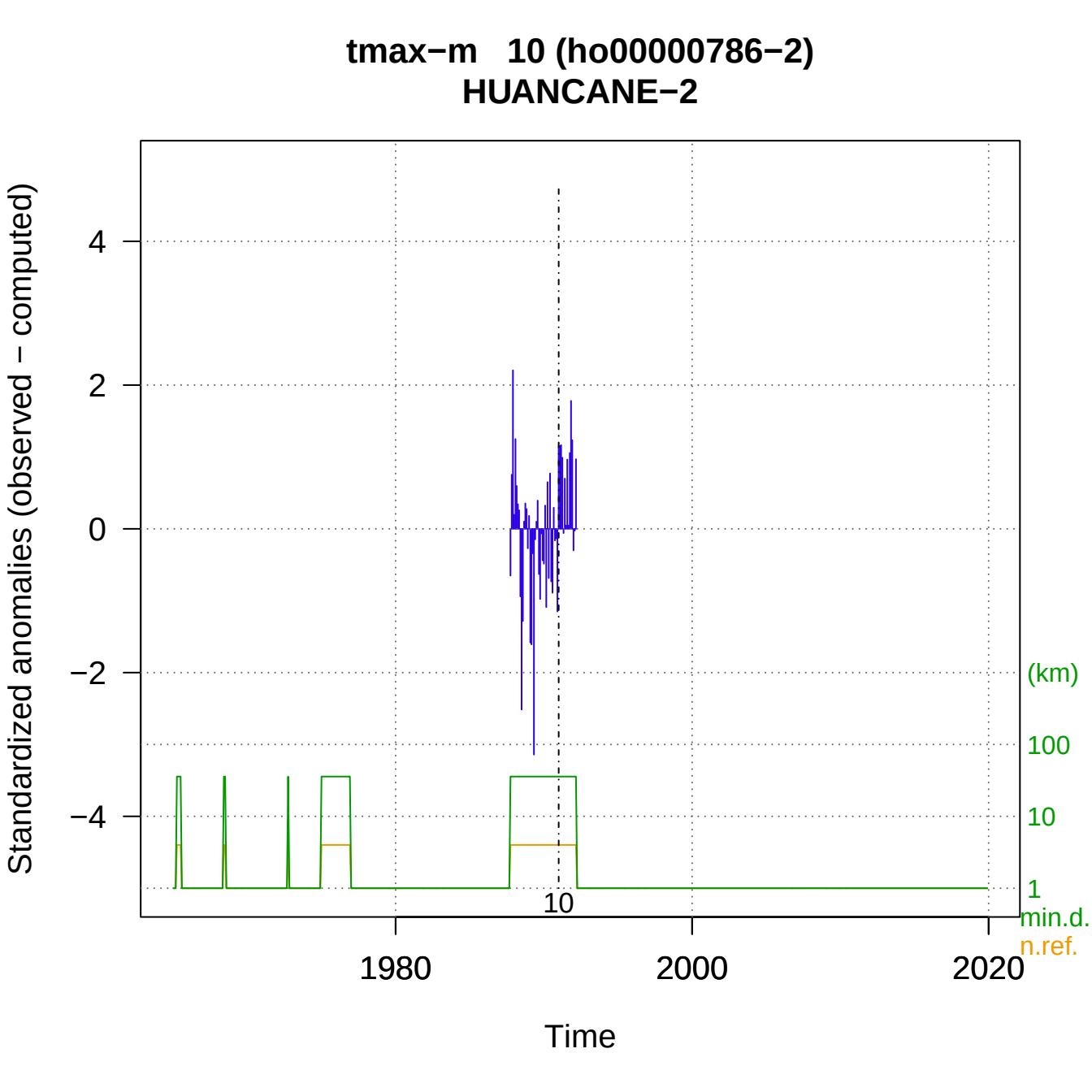

tmax−m 35 (ho00000783−5)
ARAPA−5
Standardized anomalies (observed − computed)
4
2
0
−2
−4
9
10
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

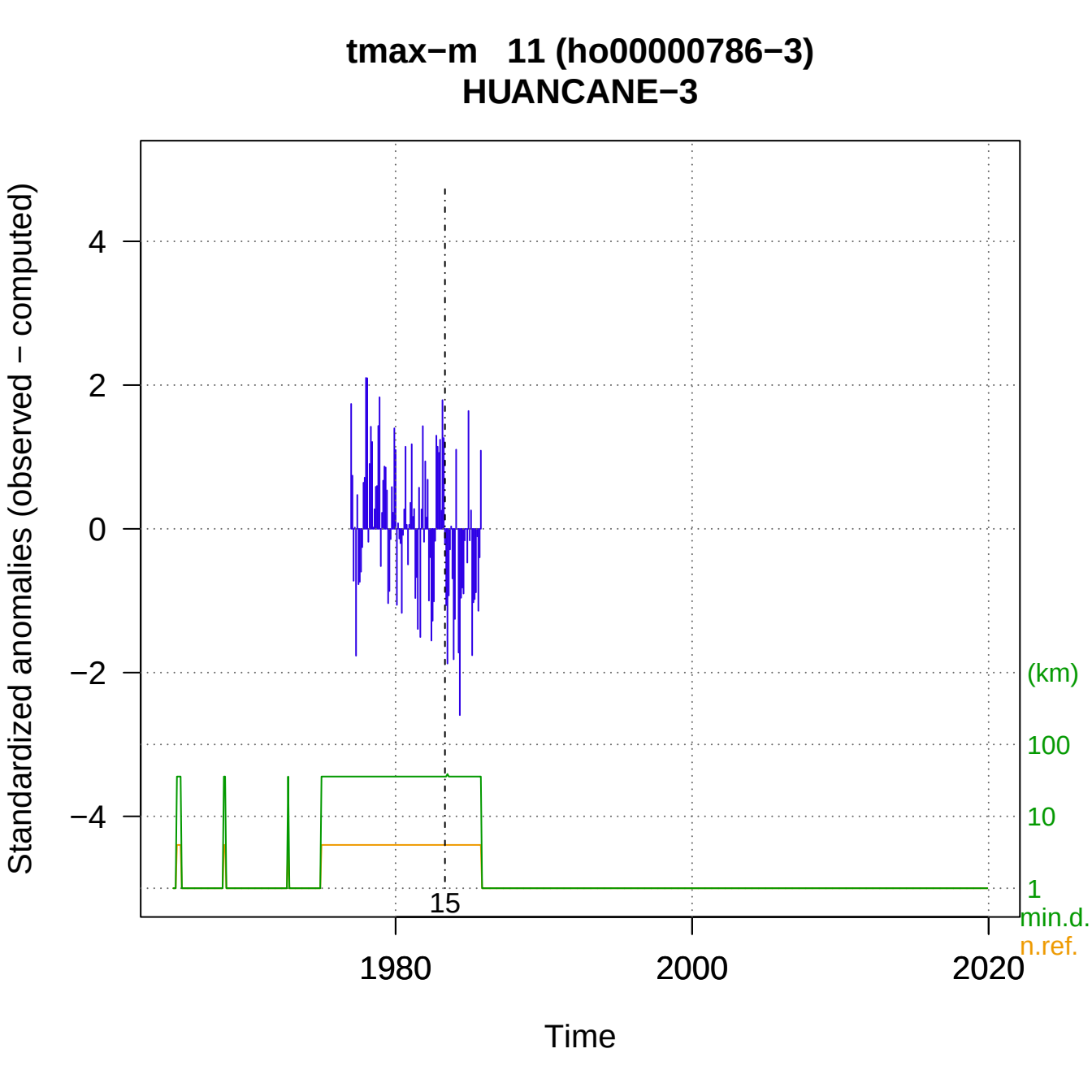

tmax−m 6 (ho00000785)
MUNANI
19
12
4
2
0
−2
−4
Standardized anomalies (observed − computed)
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

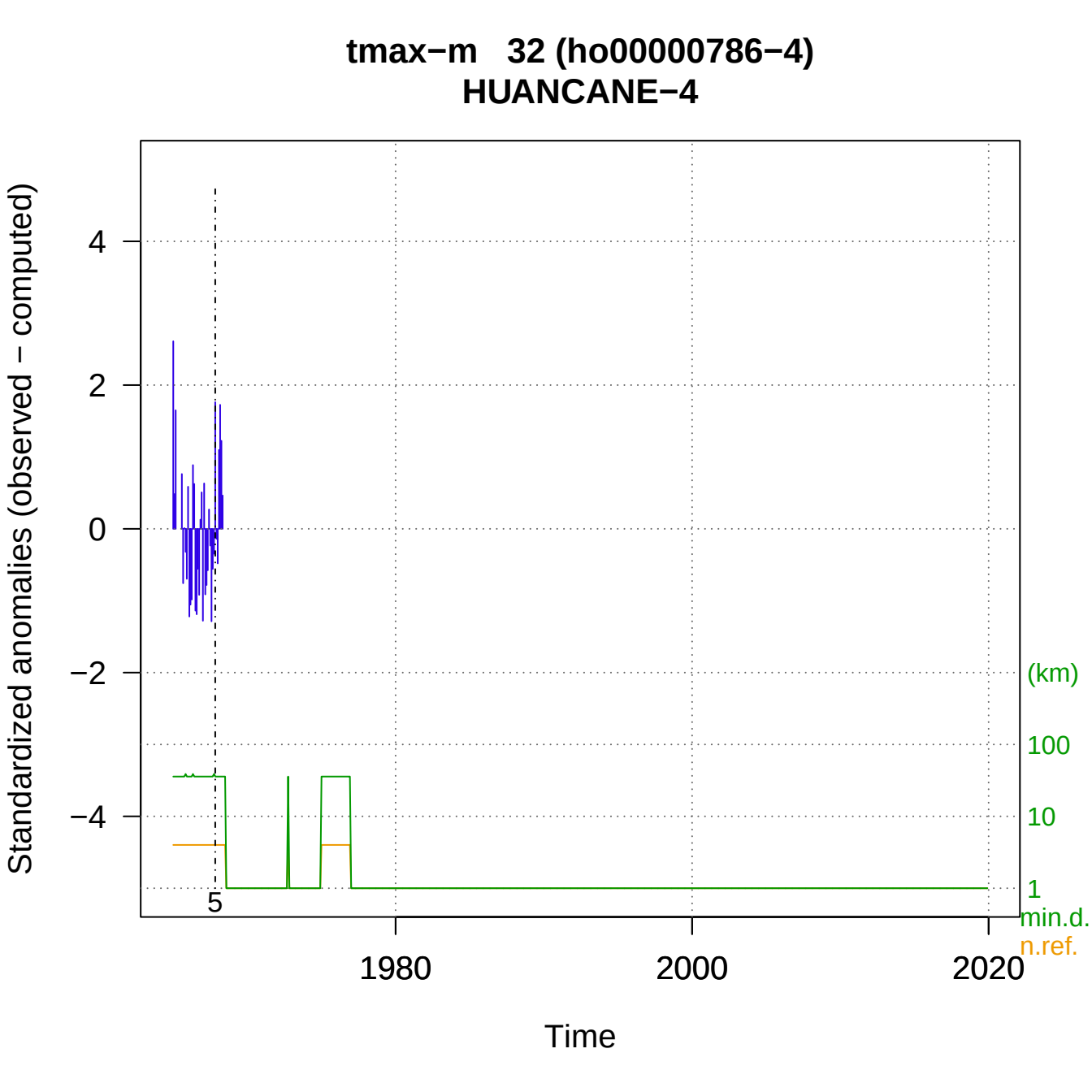

tmax−m 16 (ho00000785−2)
MUNANI−2
Standardized anomalies (observed − computed)
4
2
0
−2
−4
14
7
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

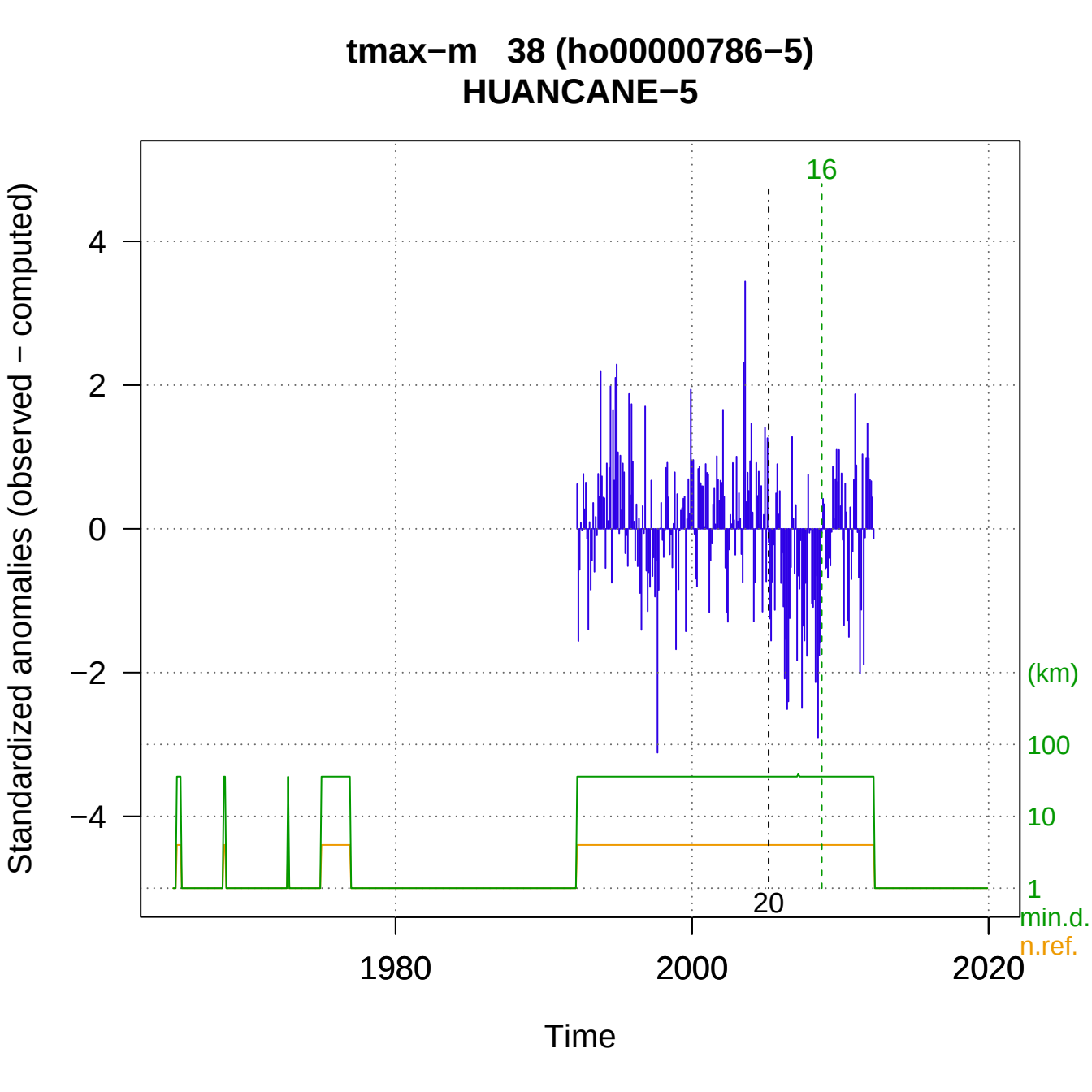

tmax−m 29 (ho00000785−3)
MUNANI−3
Standardized anomalies (observed − computed)
4
2
0
−2
−4
5
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

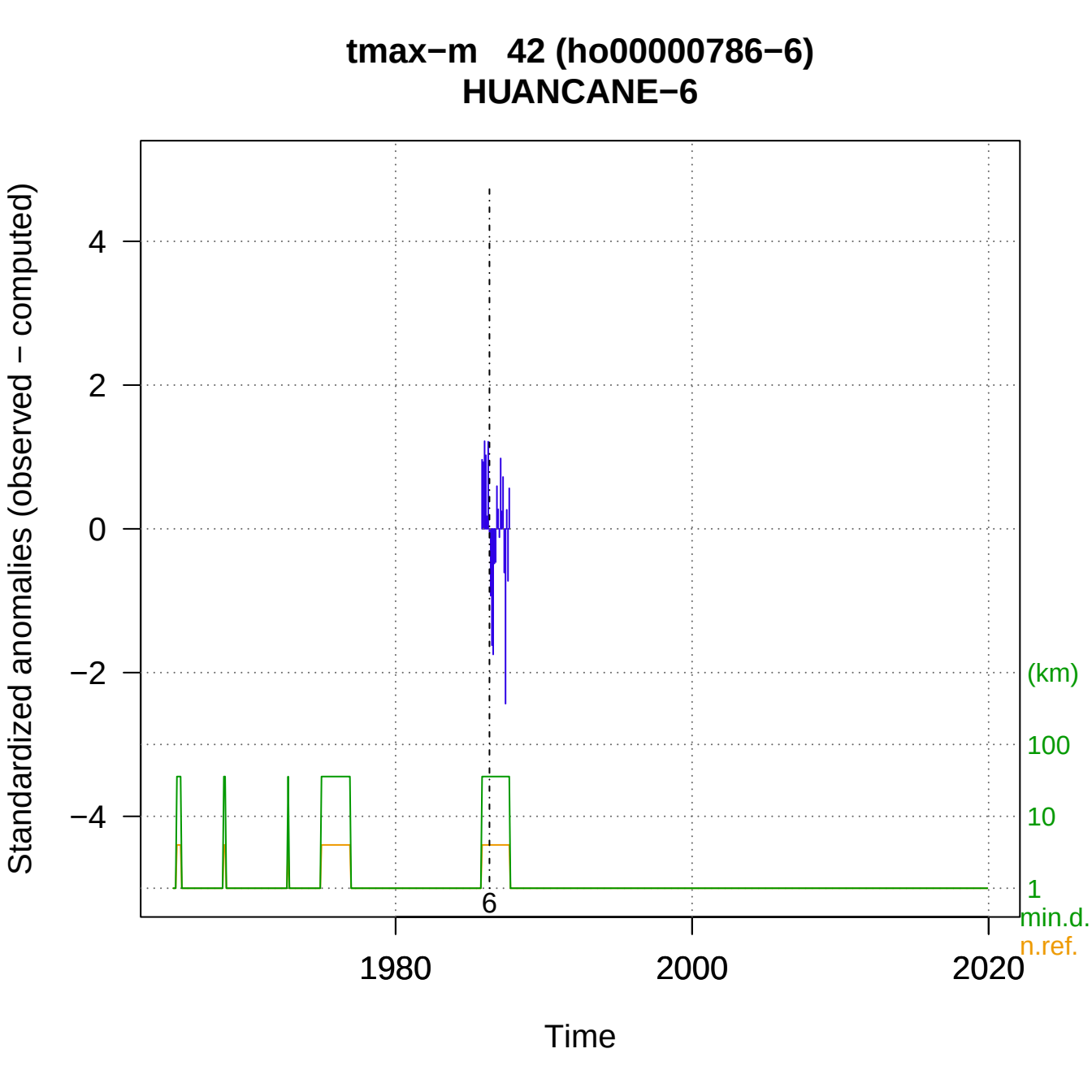

tmax−m 7 (ho00000786)
HUANCANE
Standardized anomalies (observed − computed)
4
2
0
−2
−4
1980
2000
2020
Time
3
(km)
100
10
1
min.d.
n.ref.

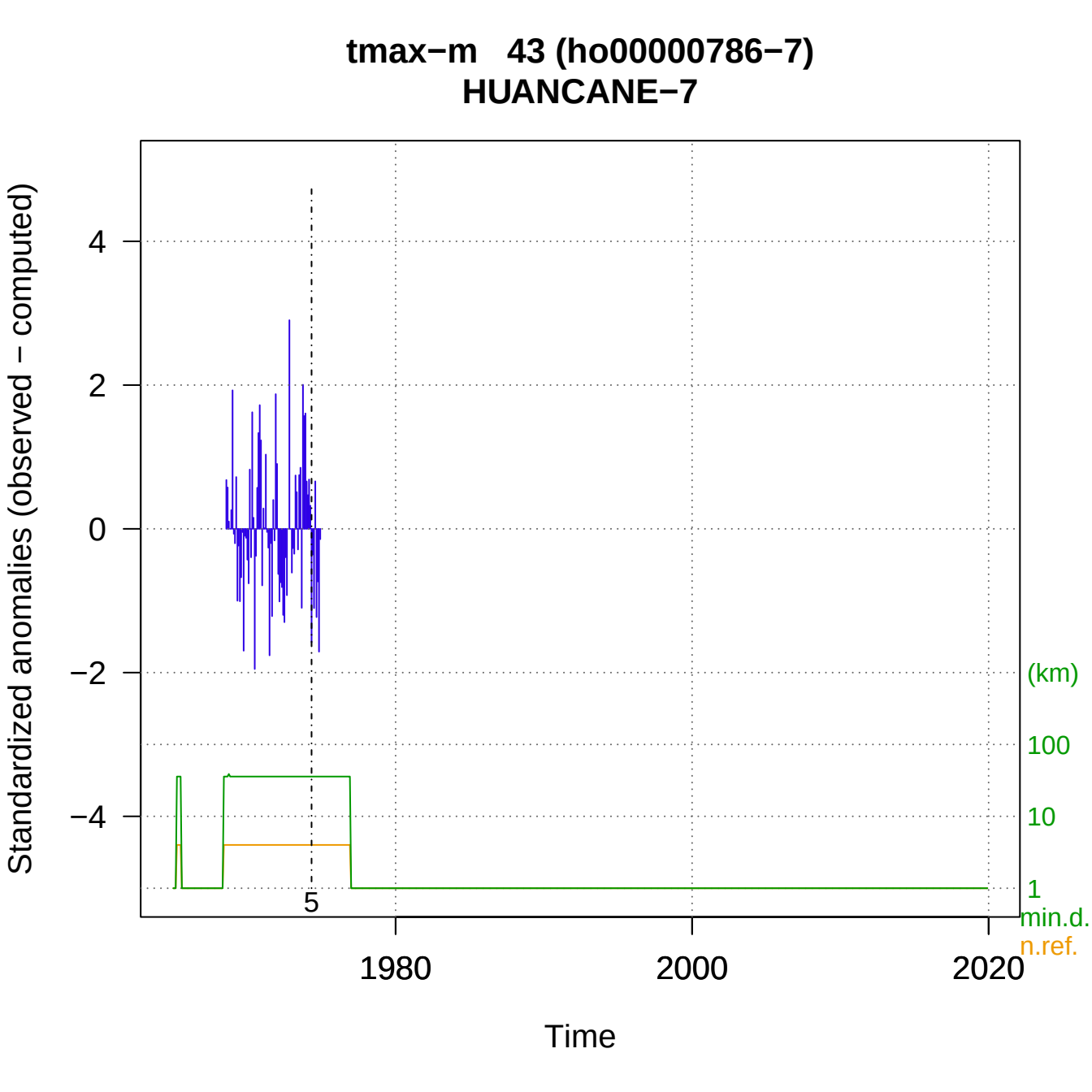

tmax−m 10 (ho00000786−2)
HUANCANE−2
Standardized anomalies (observed − computed)
4
2
0
−2
−4
10
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

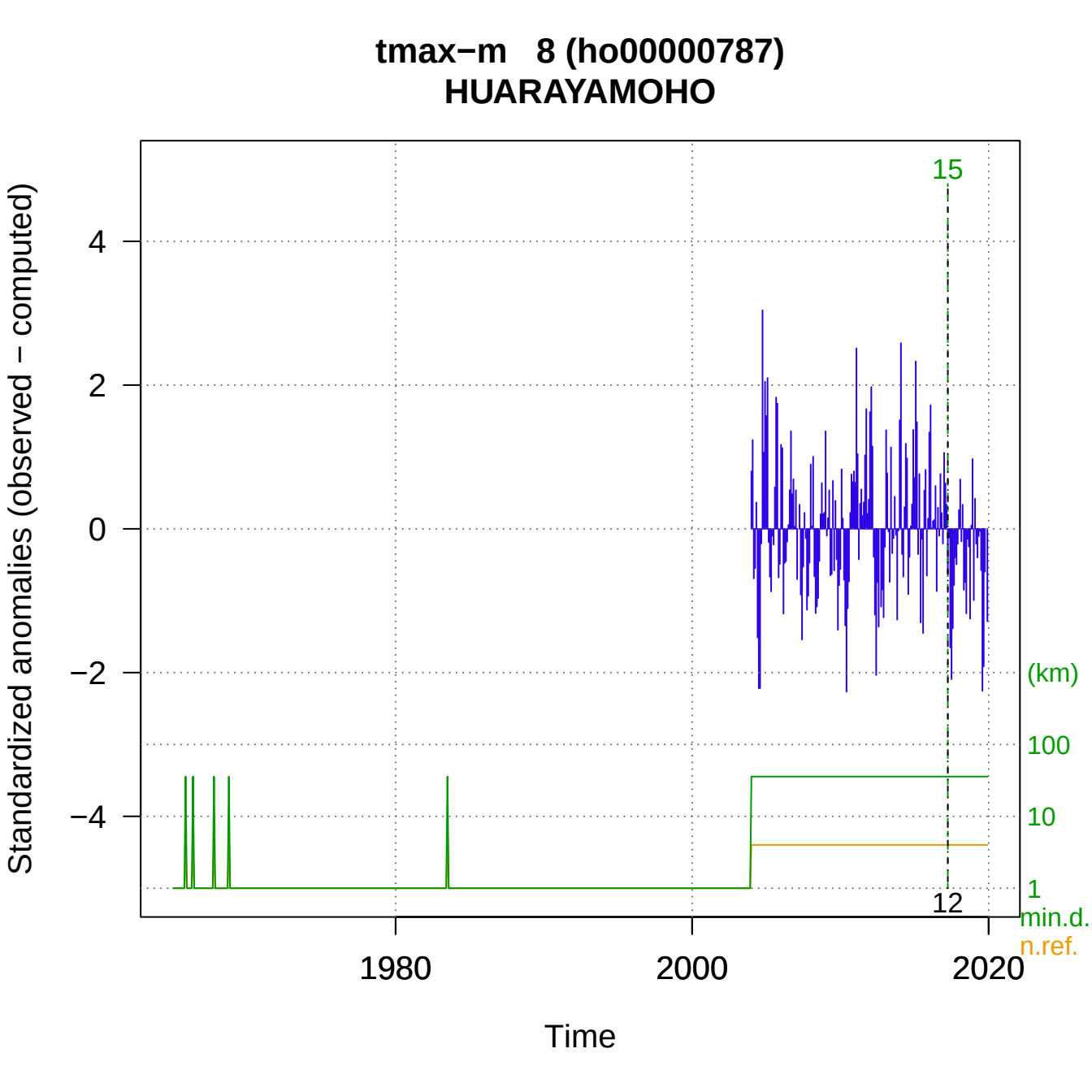

tmax−m 11 (ho00000786−3)
HUANCANE−3
Standardized anomalies (observed − computed)
4
2
0
−2
−4
15
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

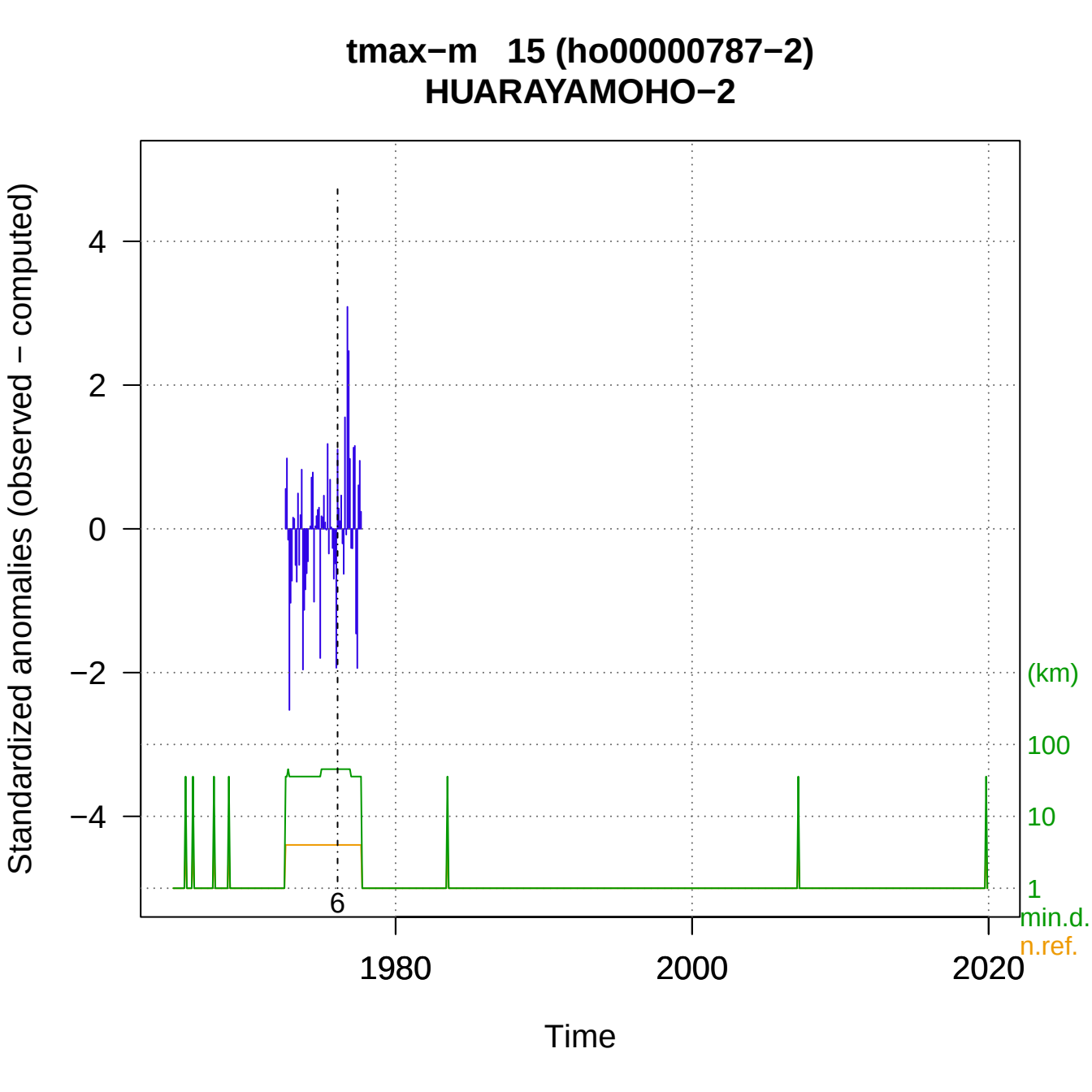

tmax−m 32 (ho00000786−4)
HUANCANE−4
Standardized anomalies (observed − computed)
4
2
0
−2
−4
5
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

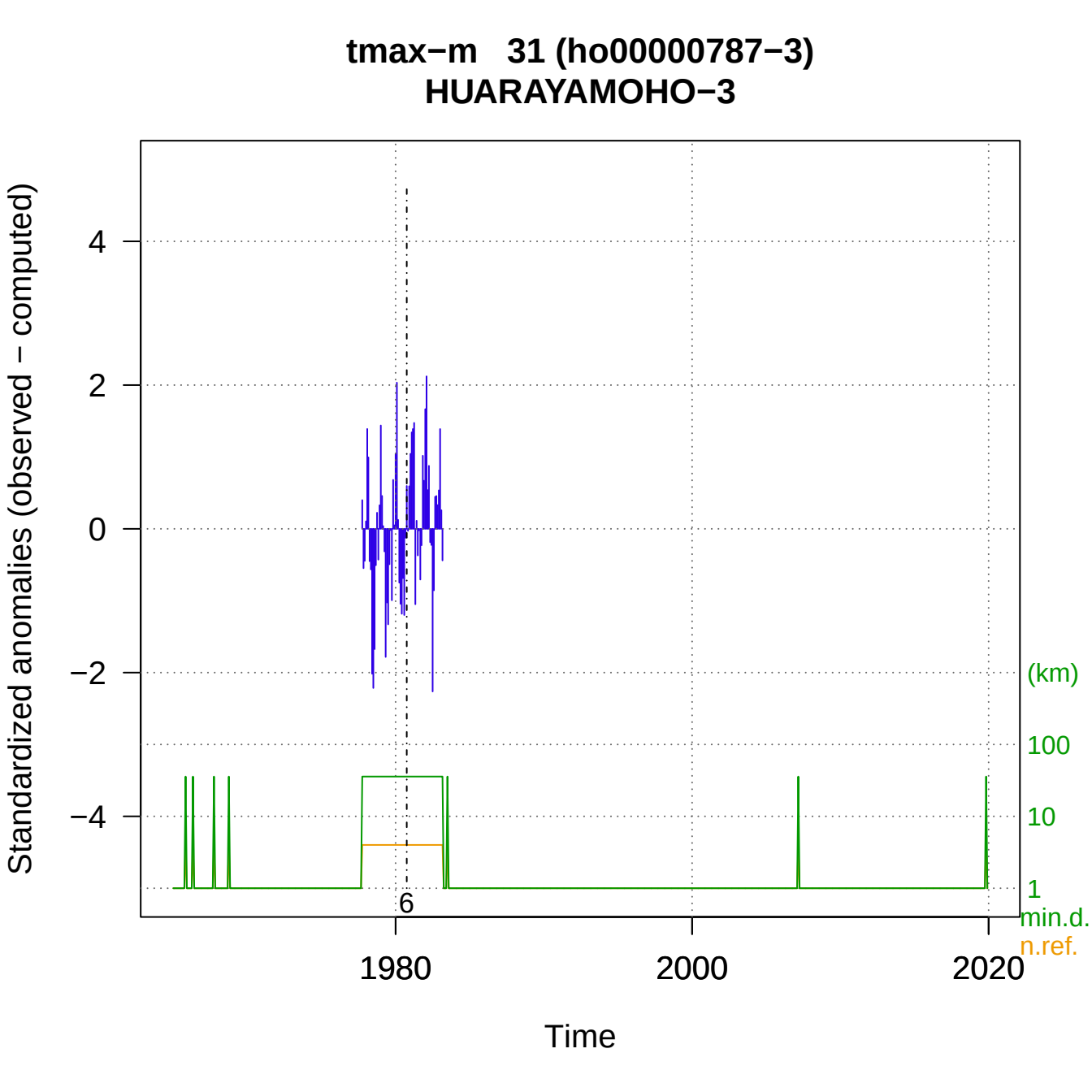

tmax−m 38 (ho00000786−5)
HUANCANE−5
Standardized anomalies (observed − computed)
4
2
0
−2
−4
16
20
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

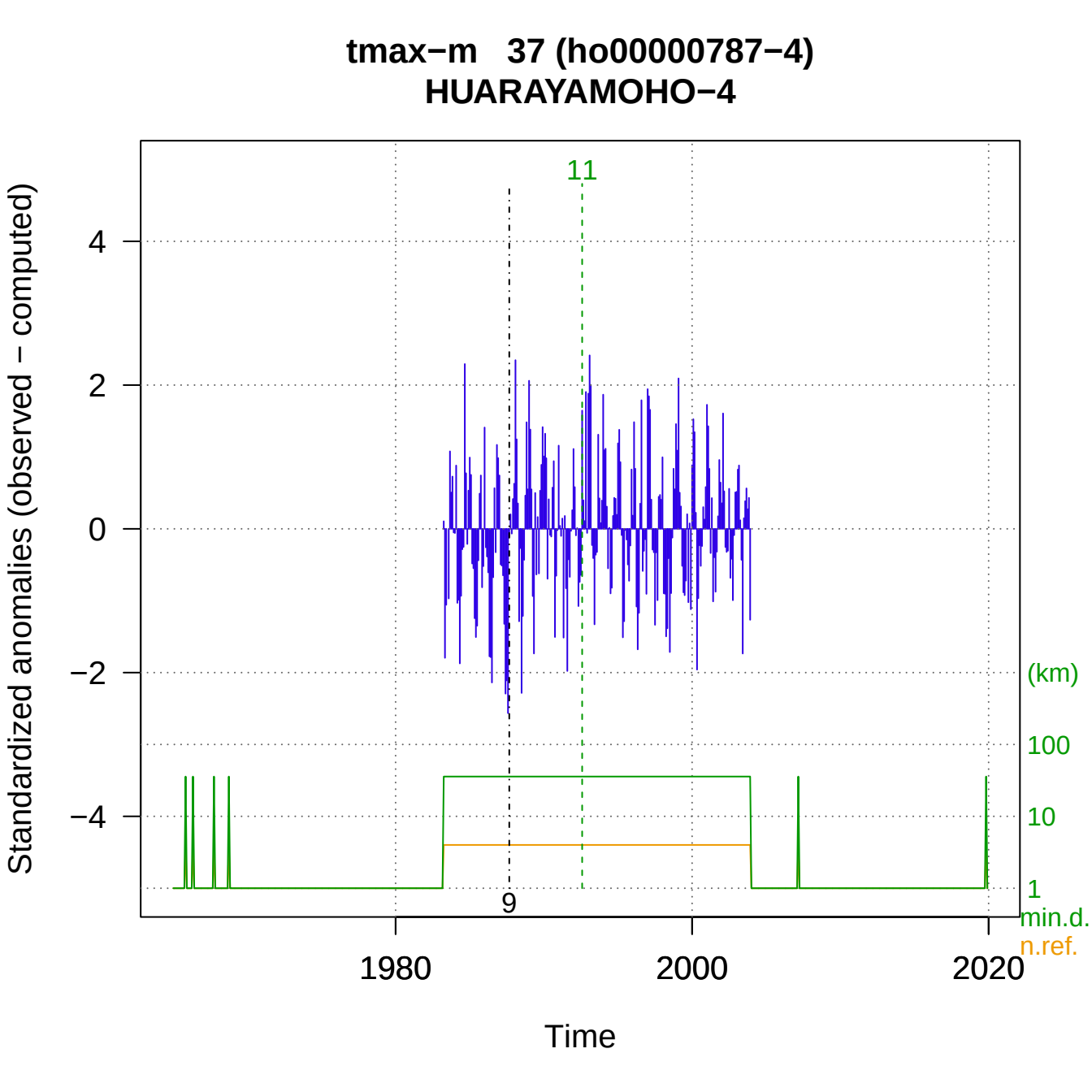

tmax−m 42 (ho00000786−6)
HUANCANE−6
Standardized anomalies (observed − computed)
4
2
0
−2
−4
6
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

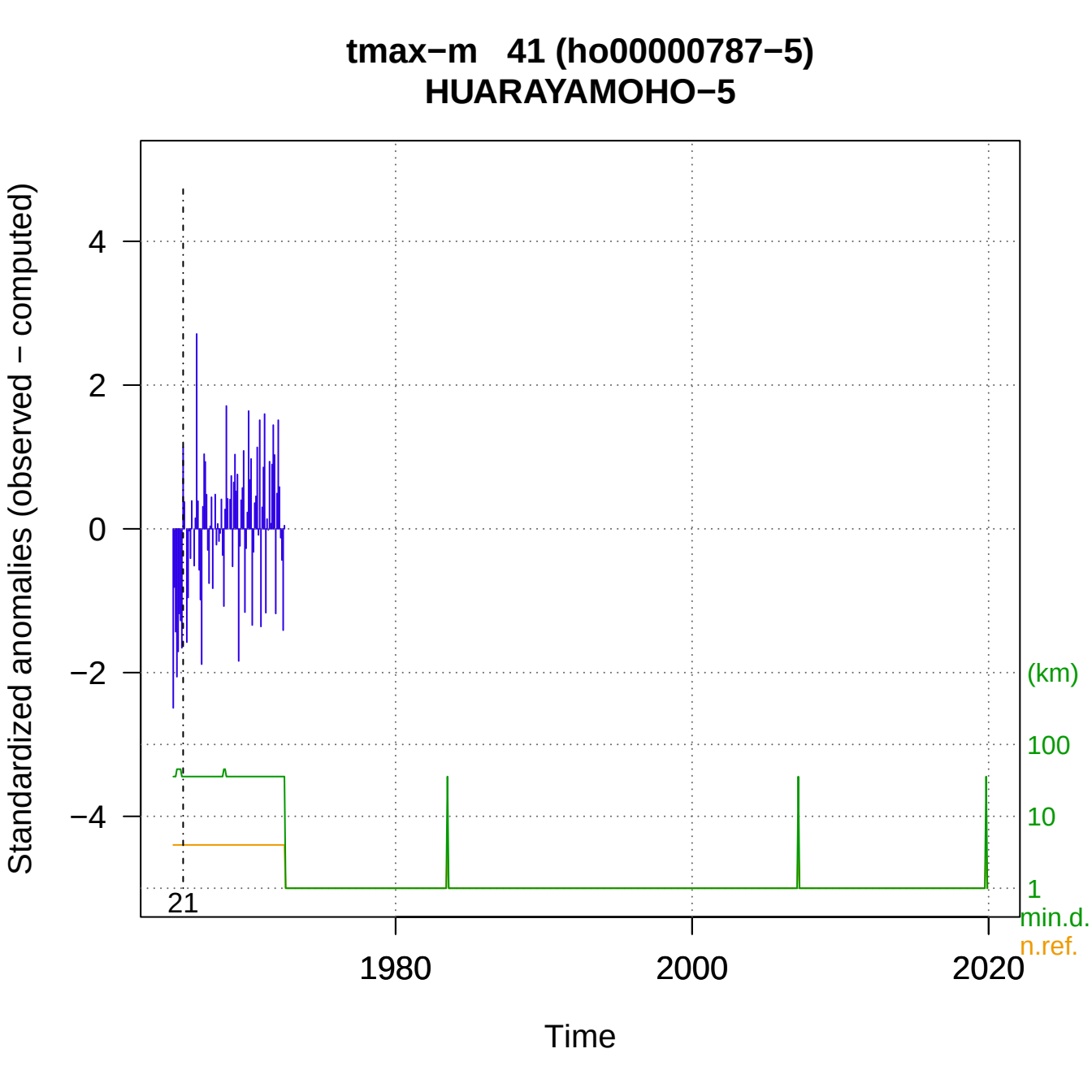

tmax−m 43 (ho00000786−7)
HUANCANE−7
Standardized anomalies (observed − computed)
4
2
0
−2
−4
5
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

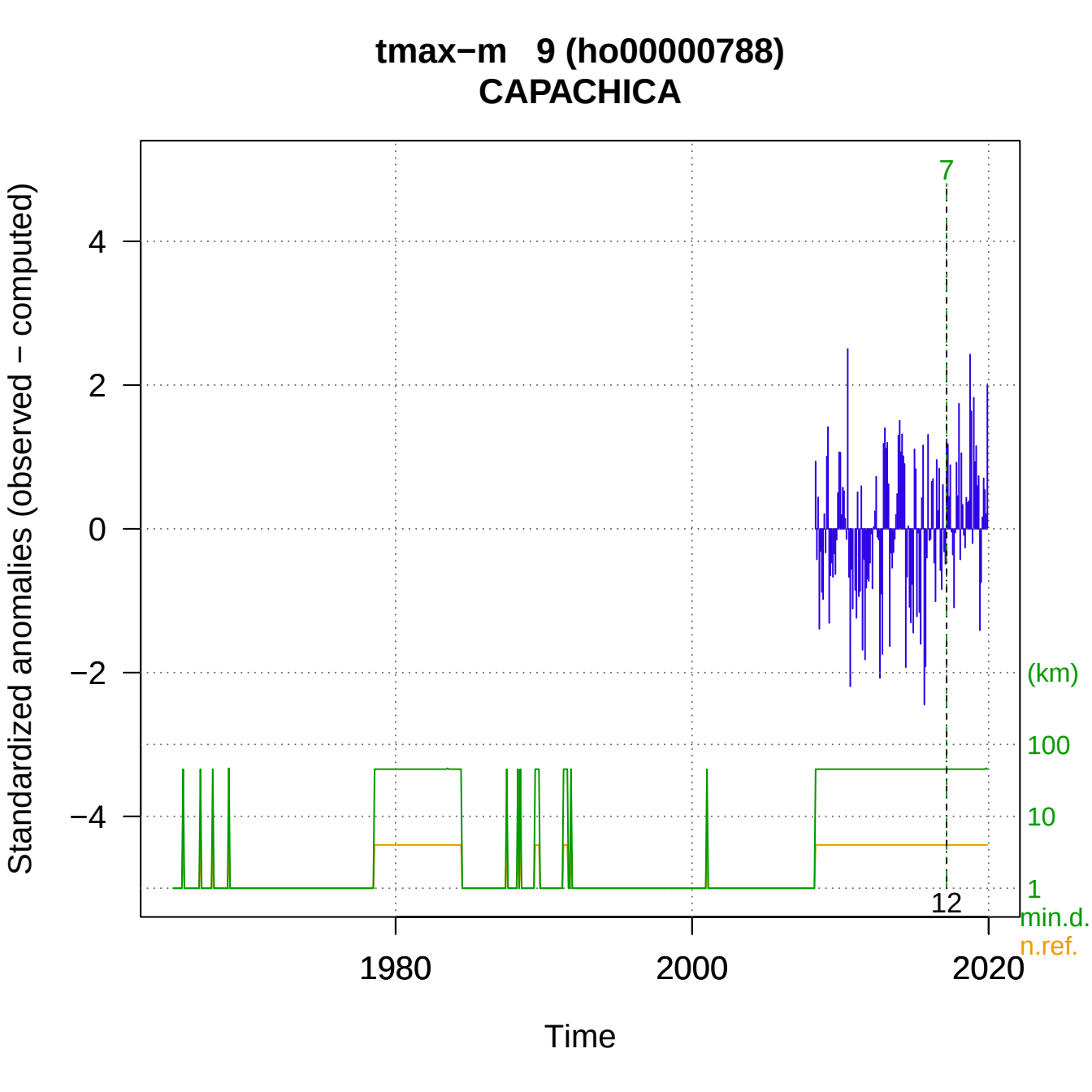

tmax−m 8 (ho00000787)
HUARAYAMOHO
Standardized anomalies (observed − computed)
4
2
0
−2
−4
15
12
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

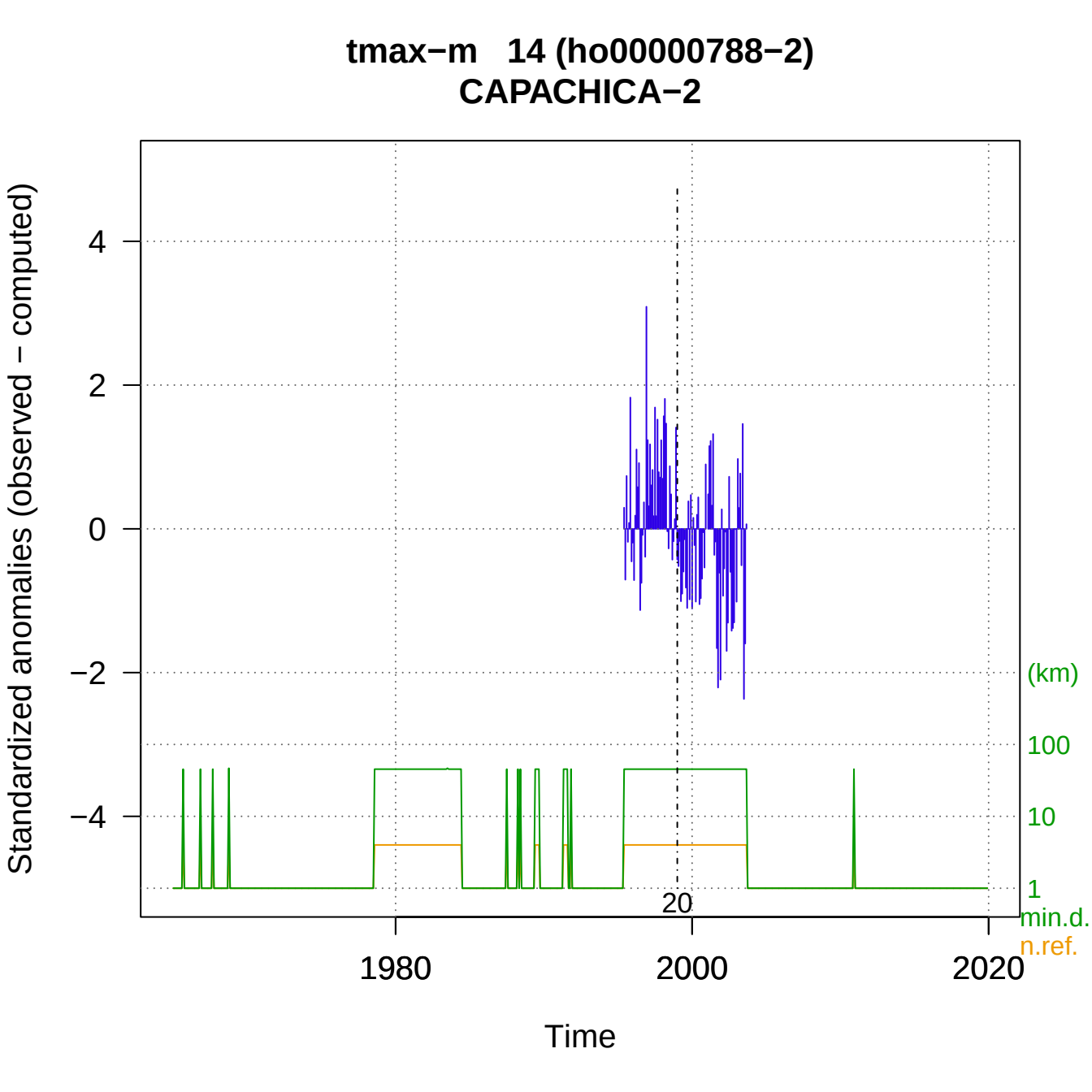

tmax−m 15 (ho00000787−2)
HUARAYAMOHO−2
Standardized anomalies (observed − computed)
4
2
0
−2
−4
6
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

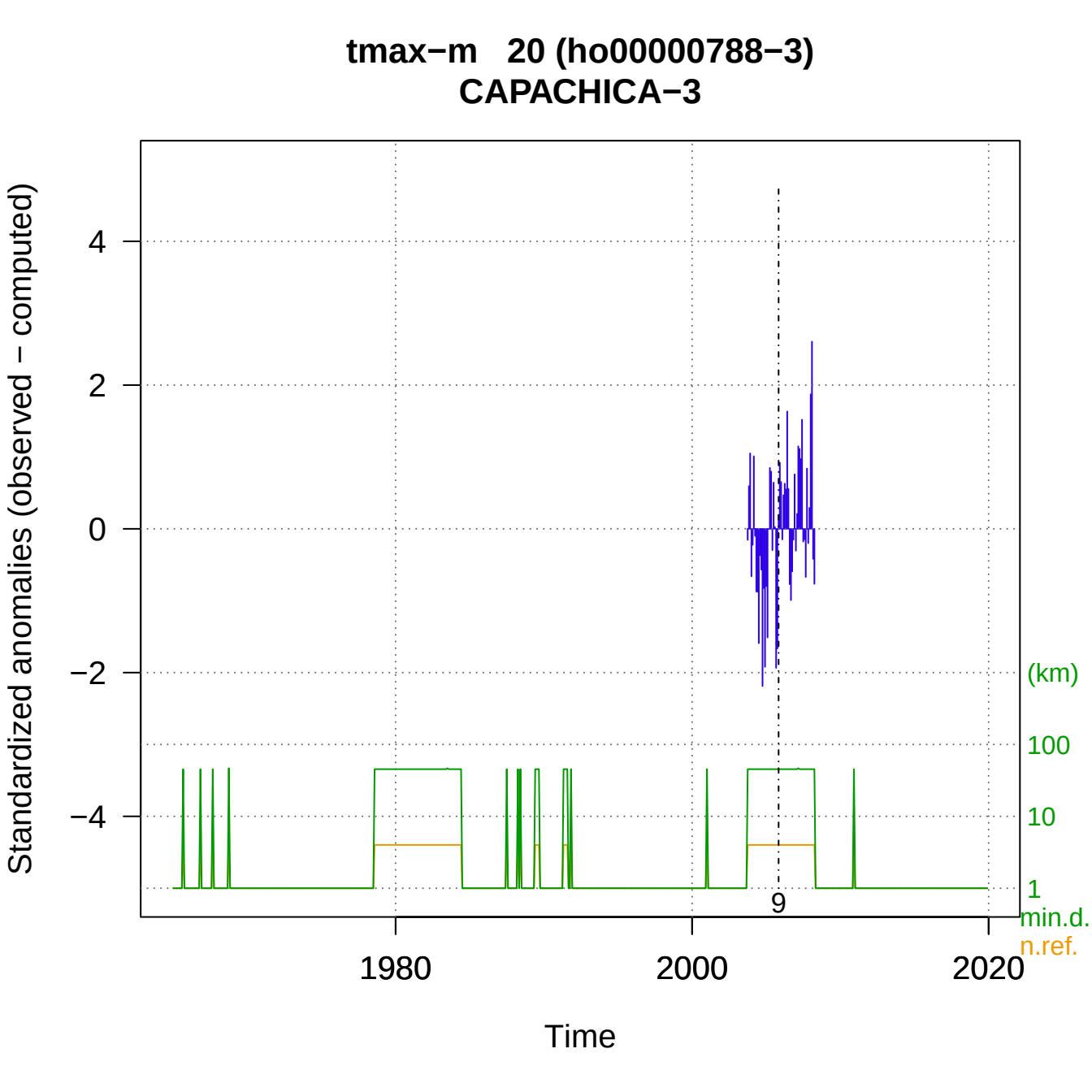

tmax−m 31 (ho00000787−3)
HUARAYAMOHO−3
Standardized anomalies (observed − computed)
4
2
0
−2
−4
6
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

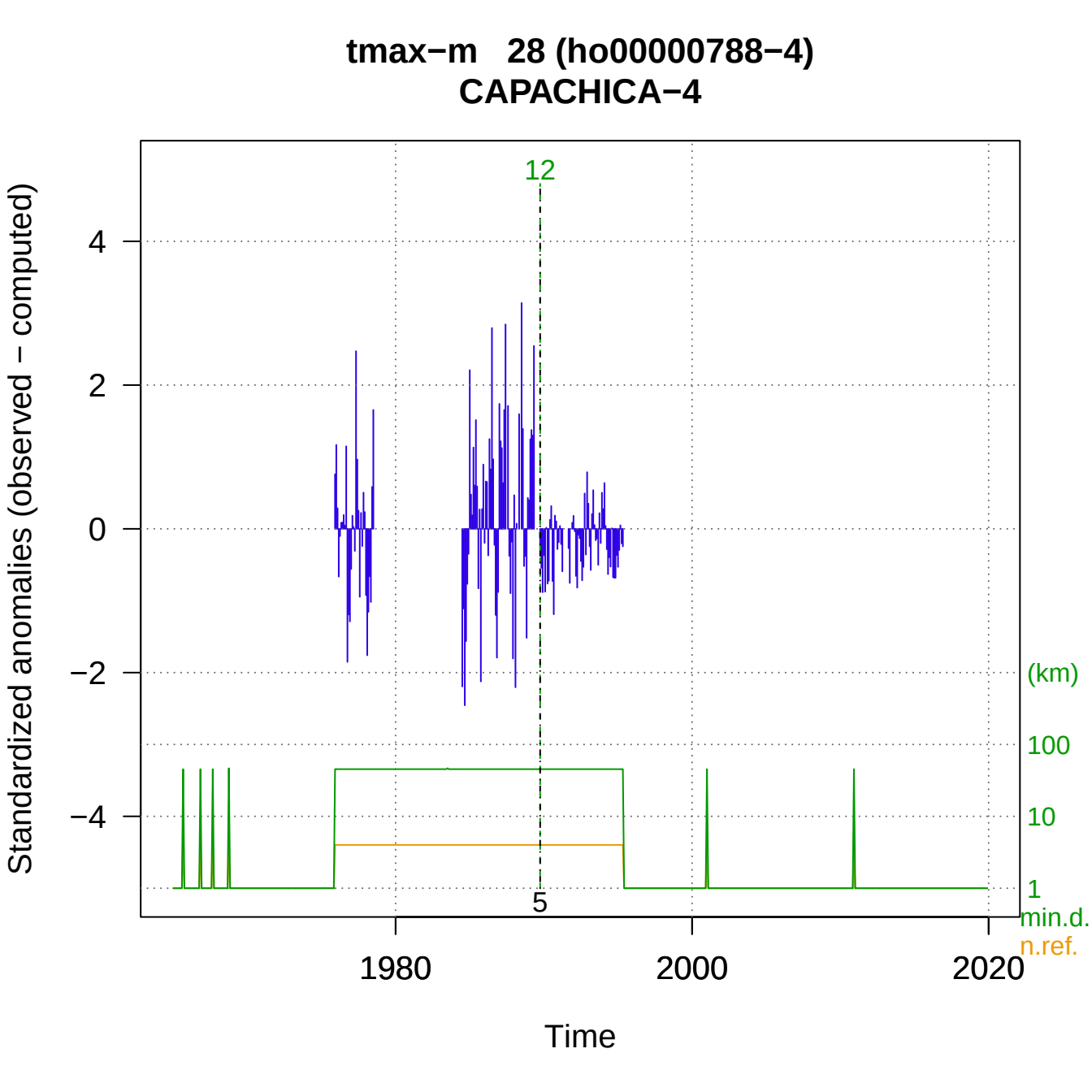

tmax−m 37 (ho00000787−4)
HUARAYAMOHO−4
11
9
4
2
0
−2
−4
Standardized anomalies (observed − computed)
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

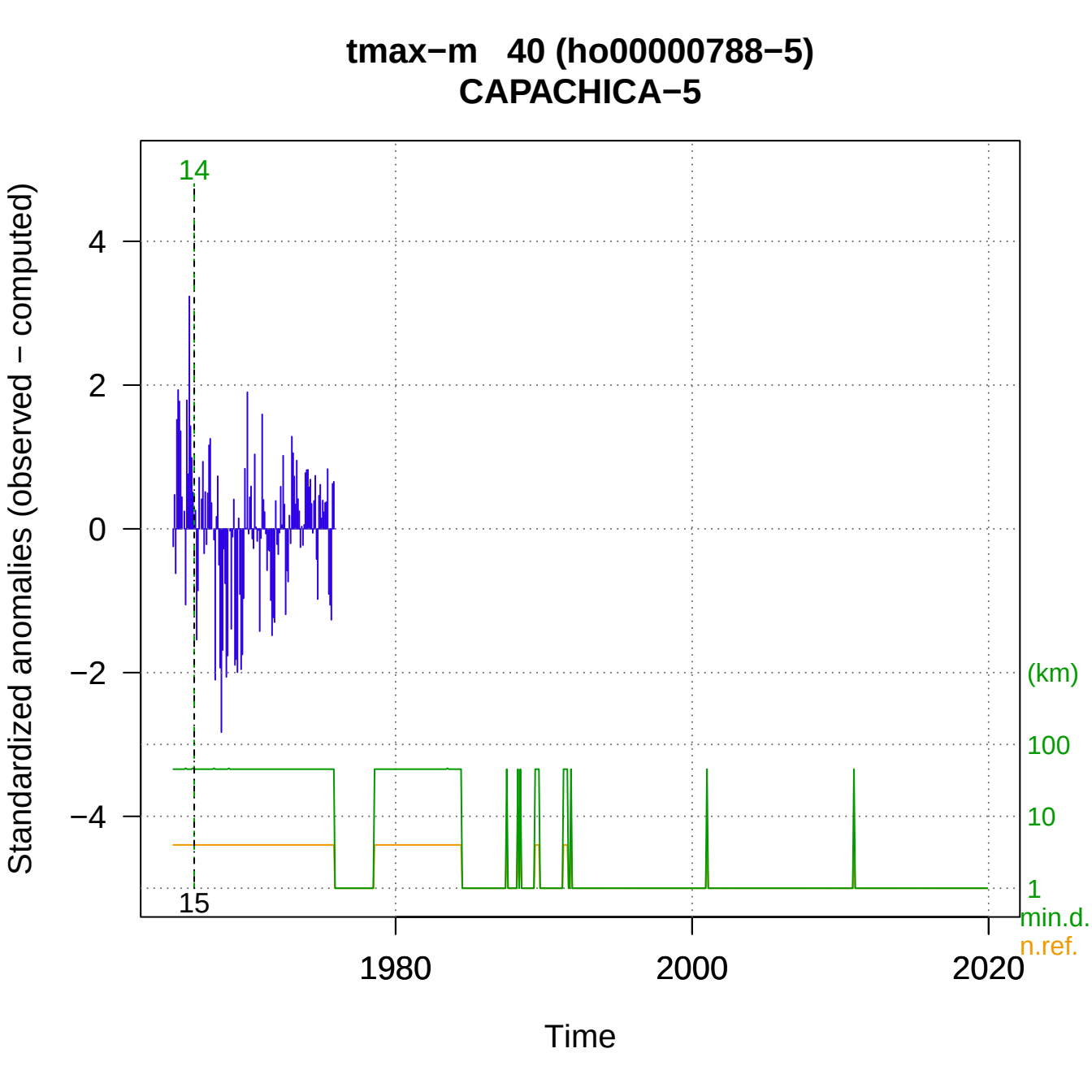

tmax−m 41 (ho00000787−5)
HUARAYAMOHO−5
Standardized anomalies (observed − computed)
4
2
0
−2
−4
21
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.


tmax−m 9 (ho00000788)
CAPACHICA
Standardized anomalies (observed − computed)
4
2
0
−2
−4
7
12
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time


tmax−m 14 (ho00000788−2)
CAPACHICA−2
Standardized anomalies (observed − computed)
4
2
0
−2
−4
20
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

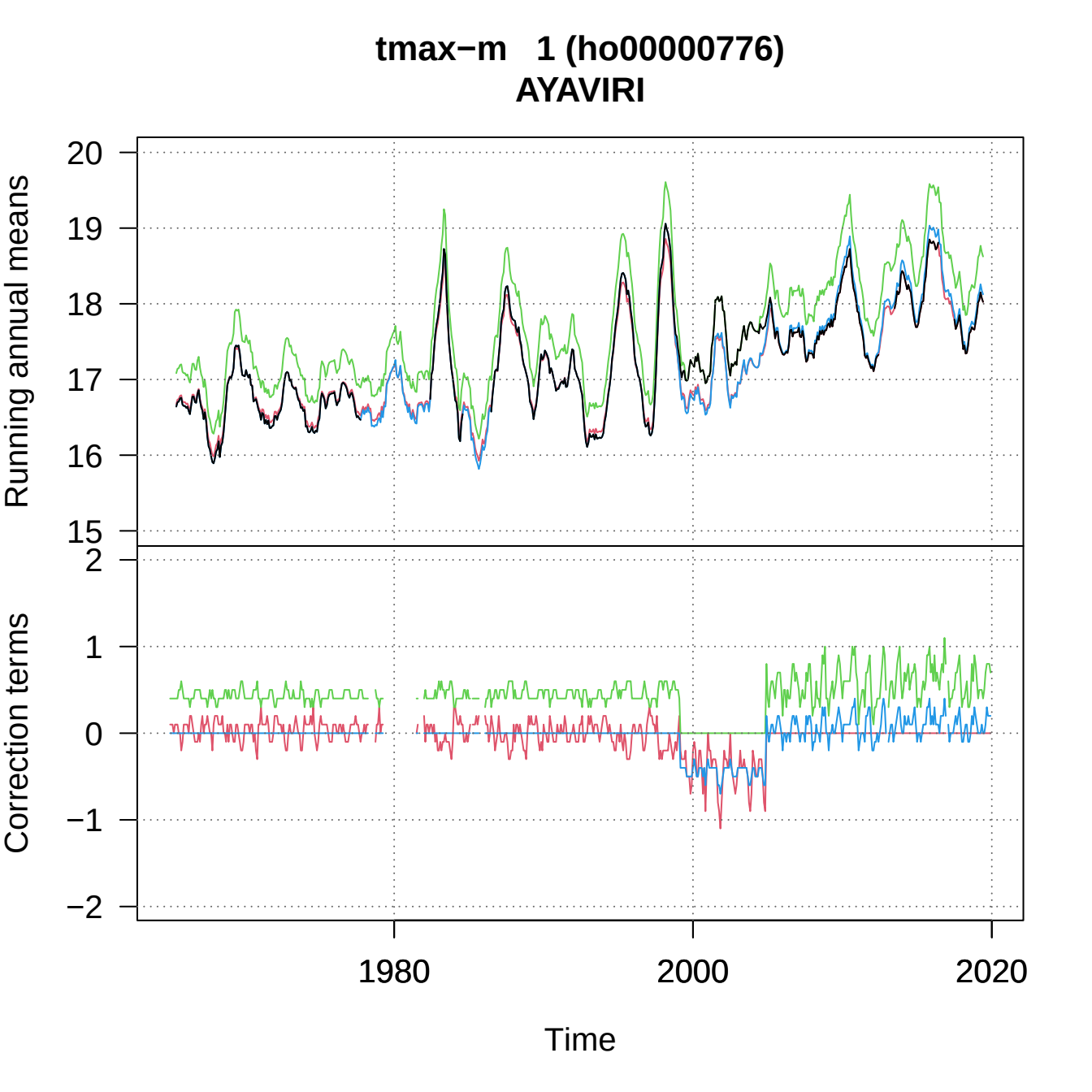

tmax−m 20 (ho00000788−3)
CAPACHICA−3
Standardized anomalies (observed − computed)
4
2
0
−2
−4
9
(km)
100
10
1
min.d.
n.ref.
1980
2000
2020
Time

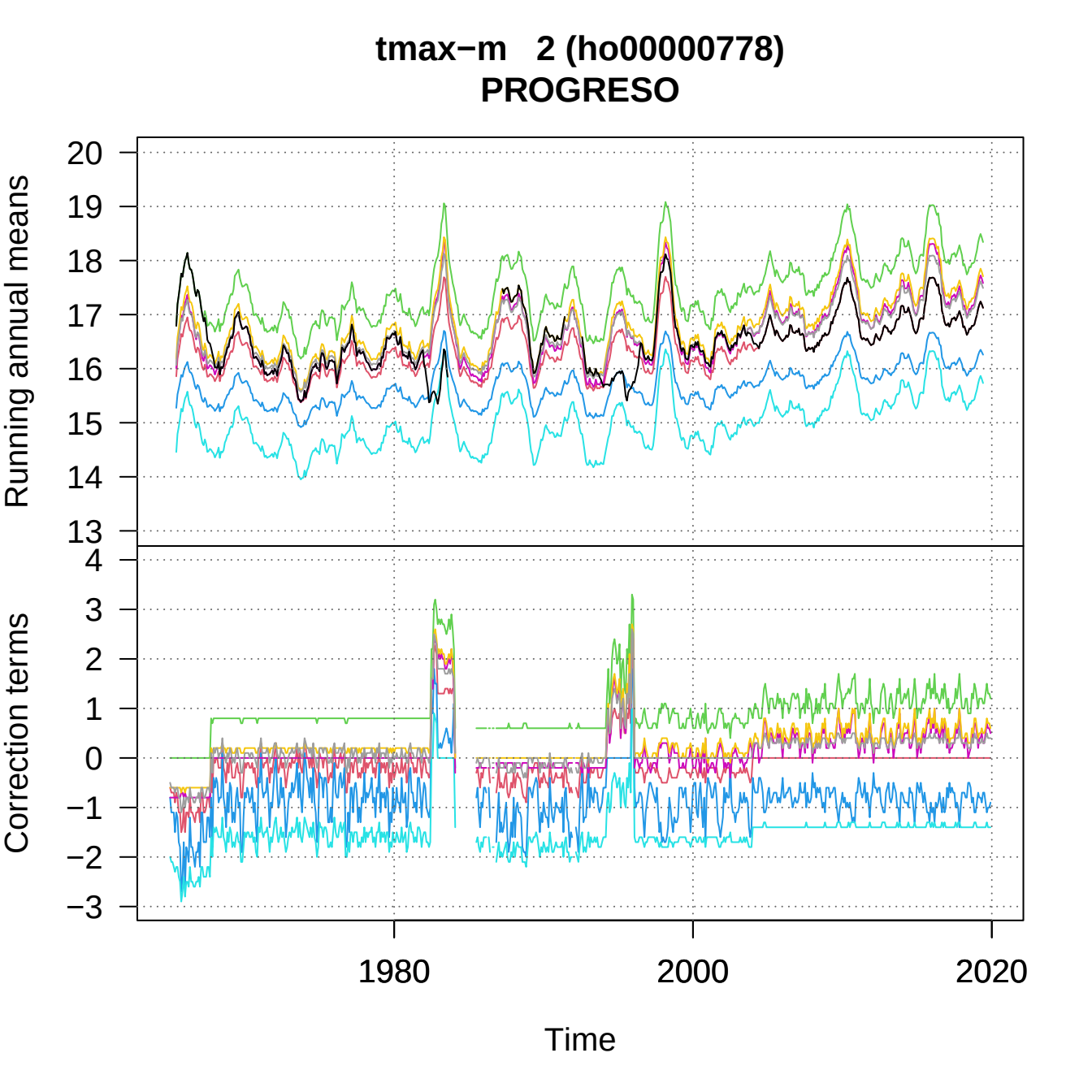

tmax−m 28 (ho00000788−4)
CAPACHICA−4
12
5
4
2
0
−2
−4
Standardized anomalies (observed − computed)
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

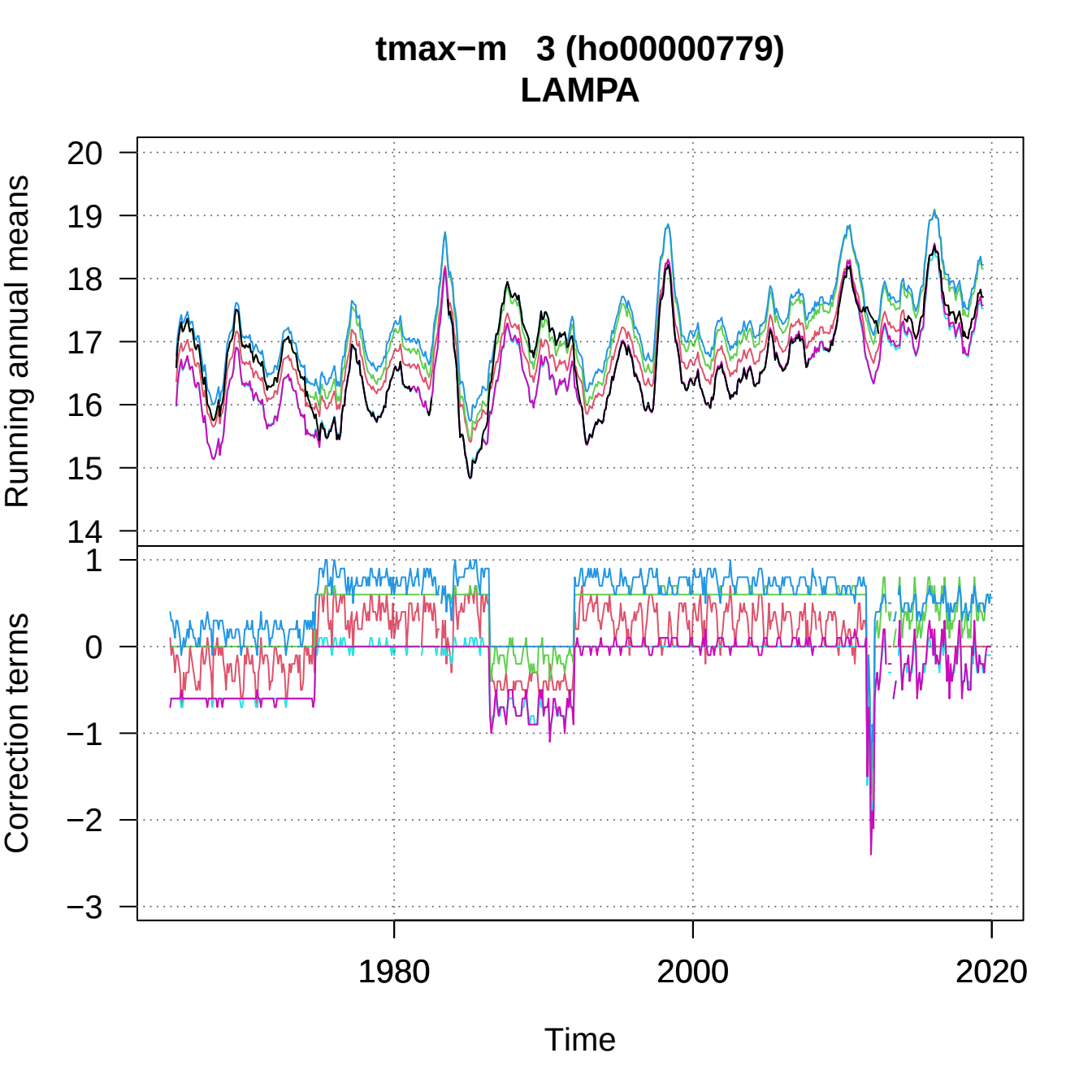

tmax−m 40 (ho00000788−5)
CAPACHICA−5
Standardized anomalies (observed − computed)
14
15
4
2
0
−2
−4
1980
2000
2020
Time
(km)
100
10
1
min.d.
n.ref.

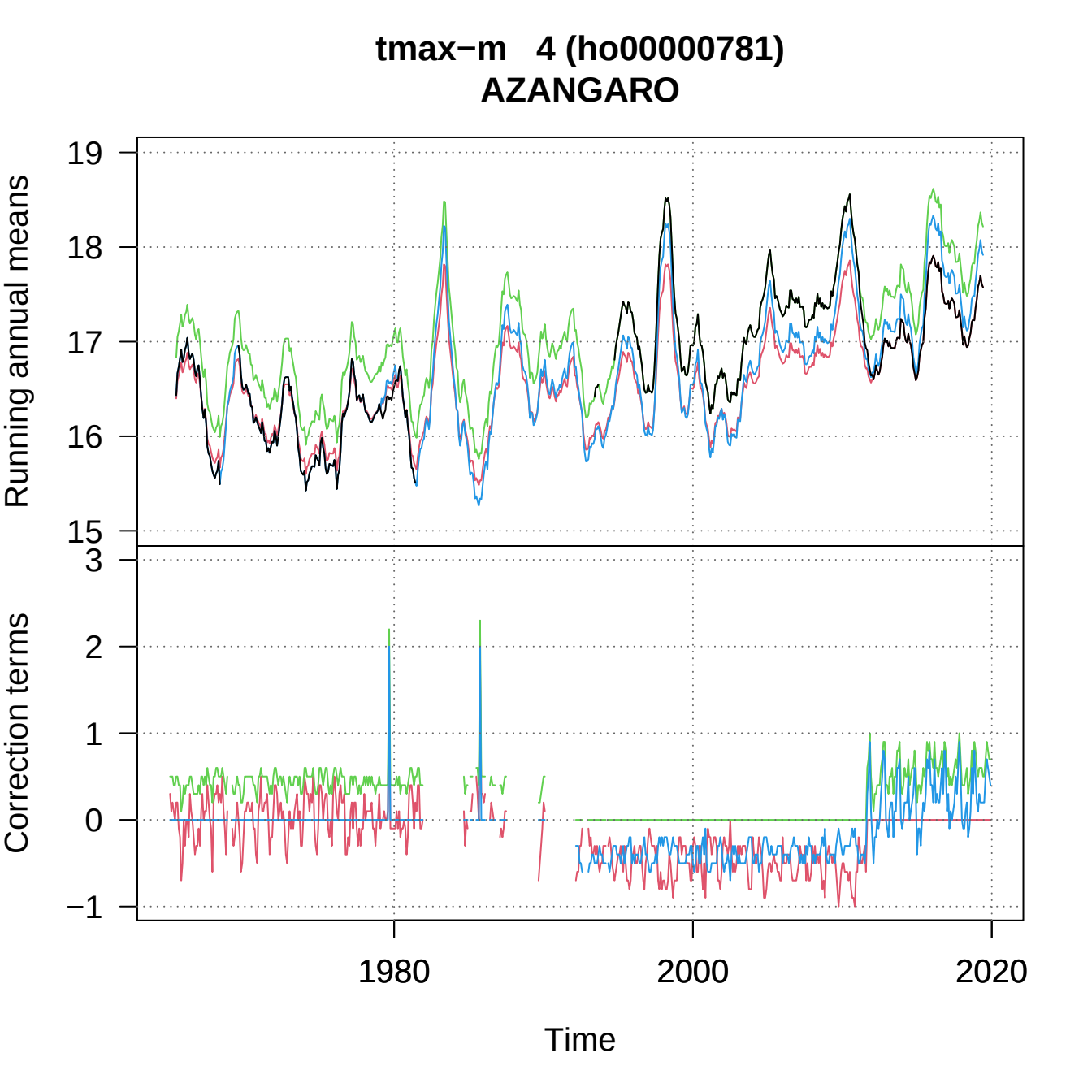
Final graphics

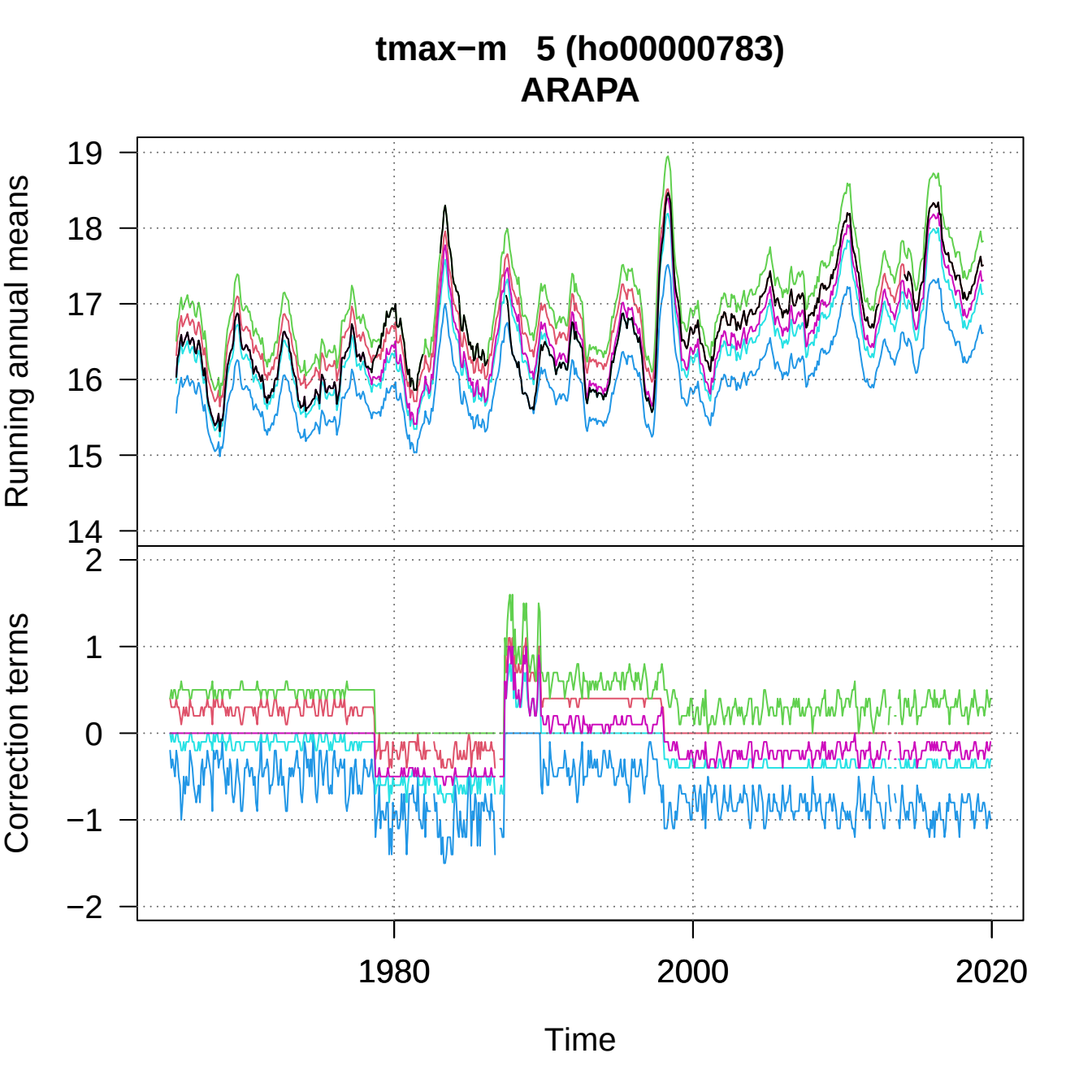
Adjusted series and applied corrections

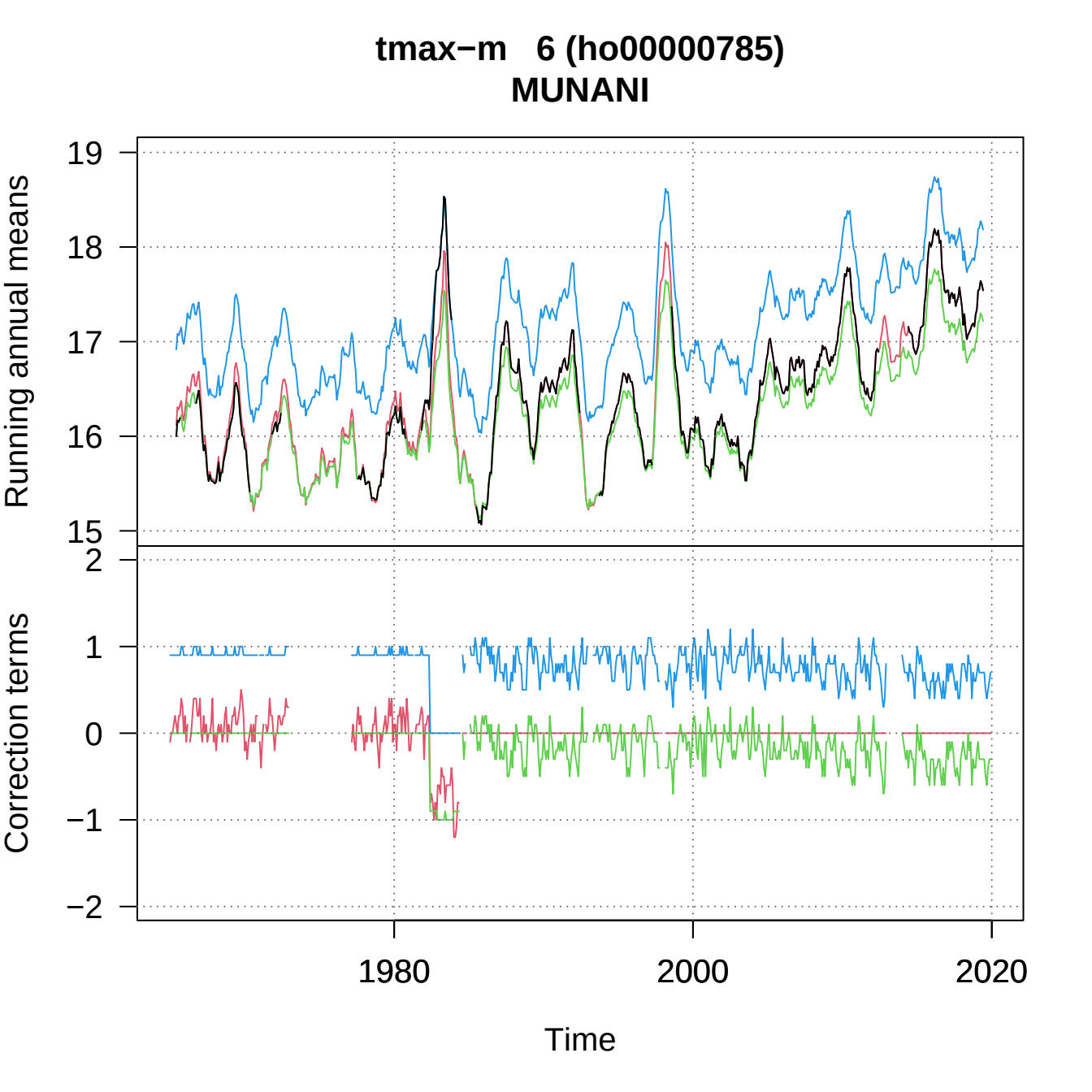

tmax−m 1 (ho00000776)
AYAVIRI
Running annual means
20
19
18
17
16
15
Correction terms
2
1
0
−1
−2
1980
2000
2020
Time

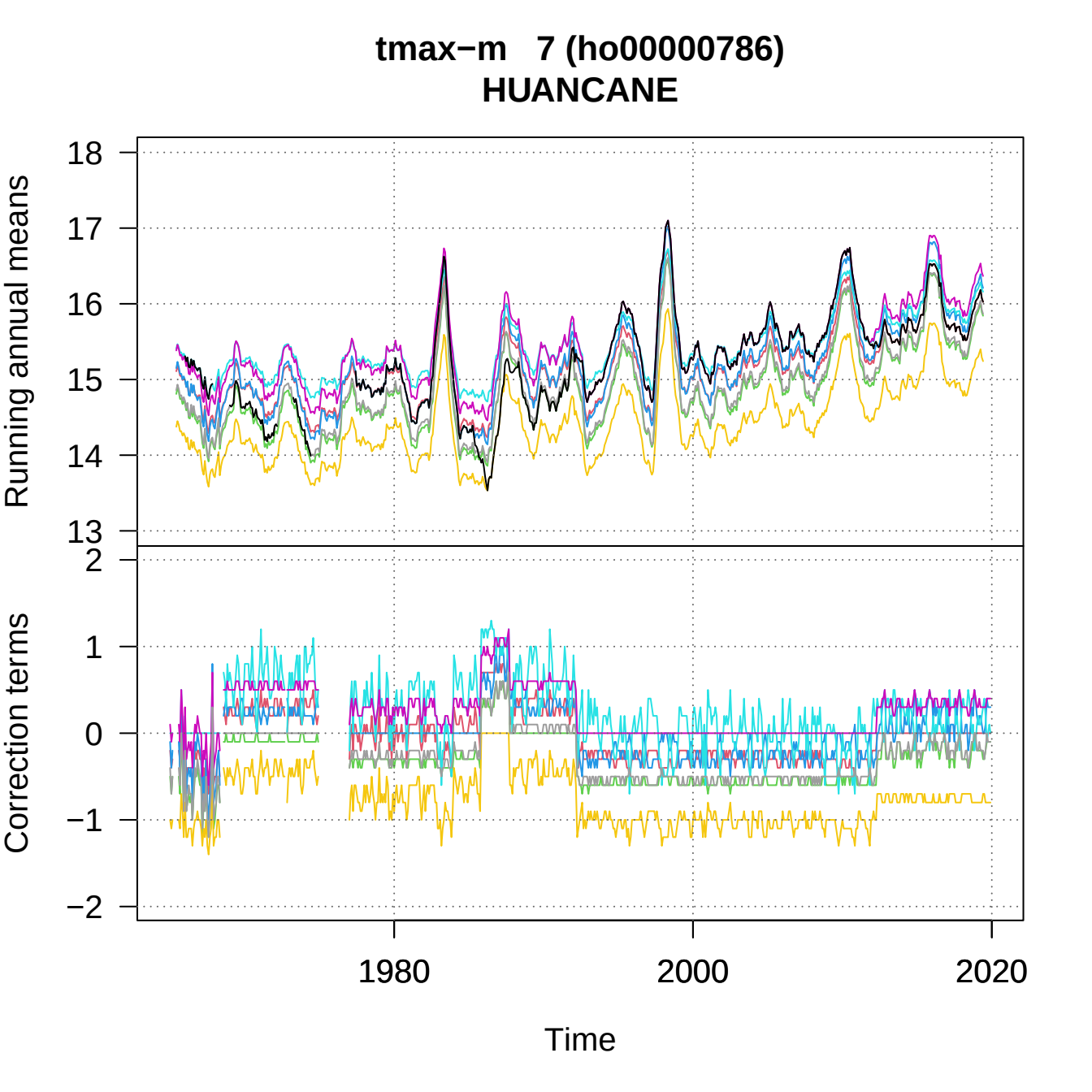

tmax−m 2 (ho00000778)
PROGRESO
Running annual means
Correction terms
Time
20
19
18
17
16
15
14
13
4
3
2
1
0
−1
−2
−3
1980
2000
2020

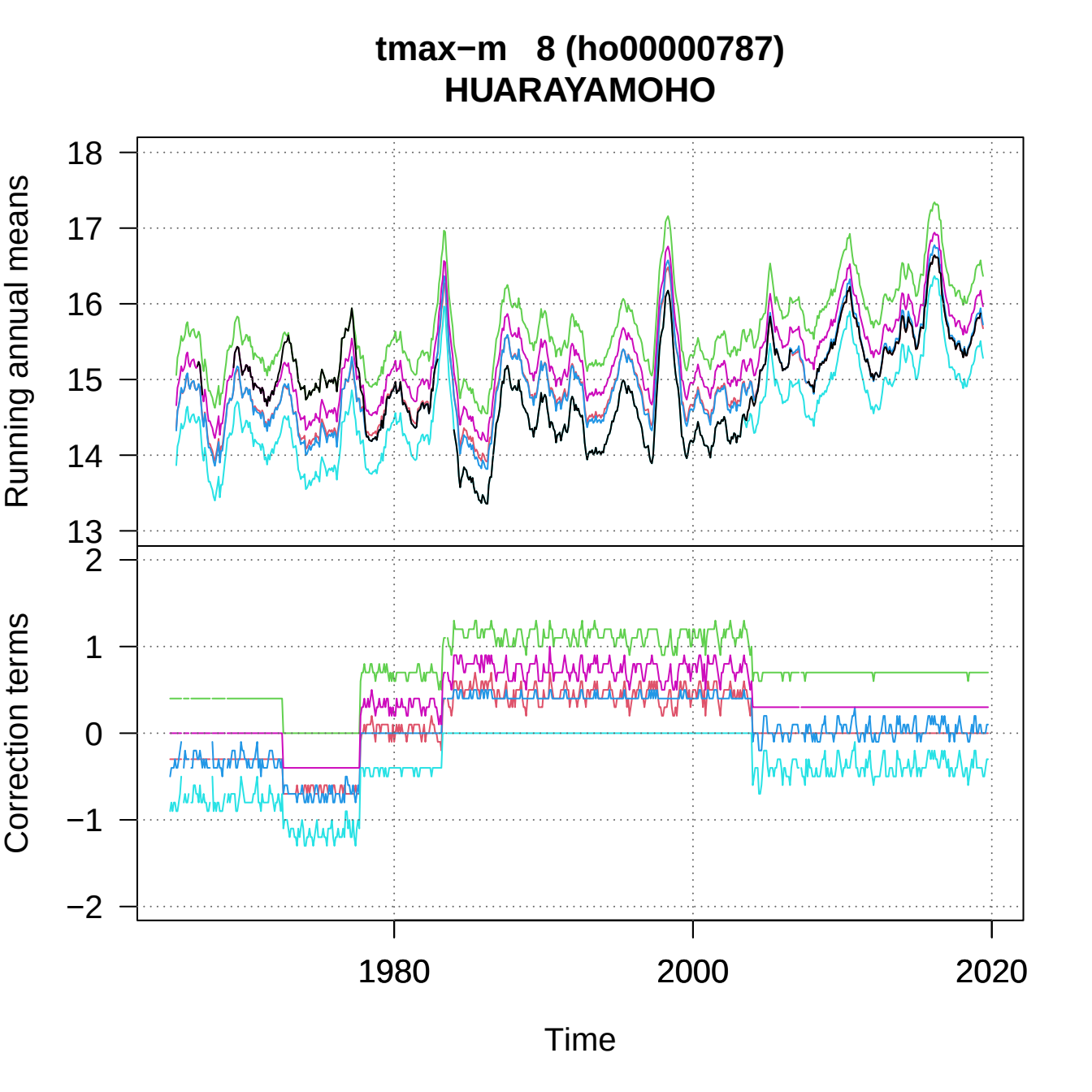

tmax−m 3 (ho00000779)
LAMPA
Running annual means
20
19
18
17
16
15
14
Correction terms
1
0
−1
−2
−3
1980
2000
2020
Time

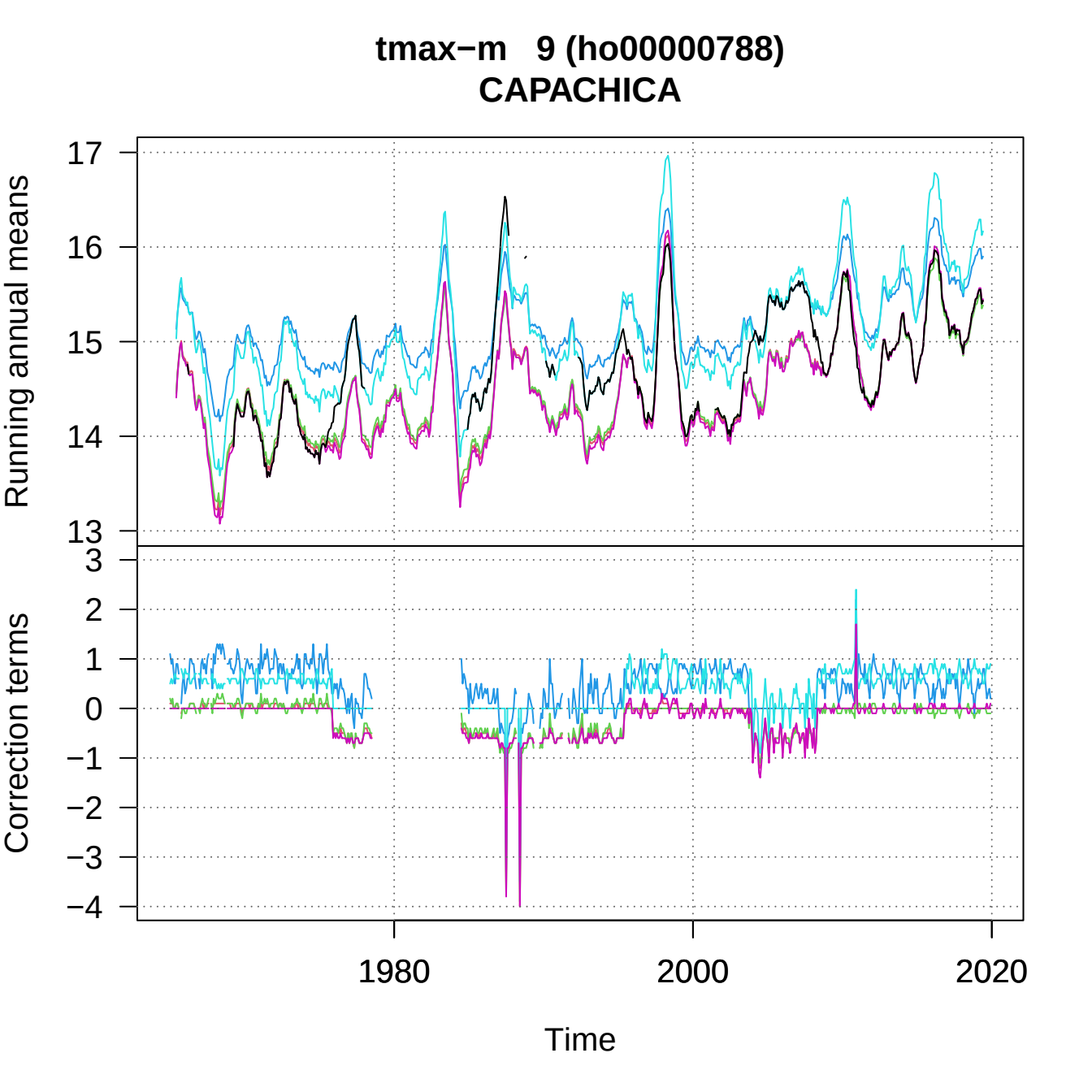

tmax−m 4 (ho00000781)
AZANGARO
Running annual means
19
18
17
16
15
Correction terms
3
2
1
0
−1
1980
2000
2020
Time

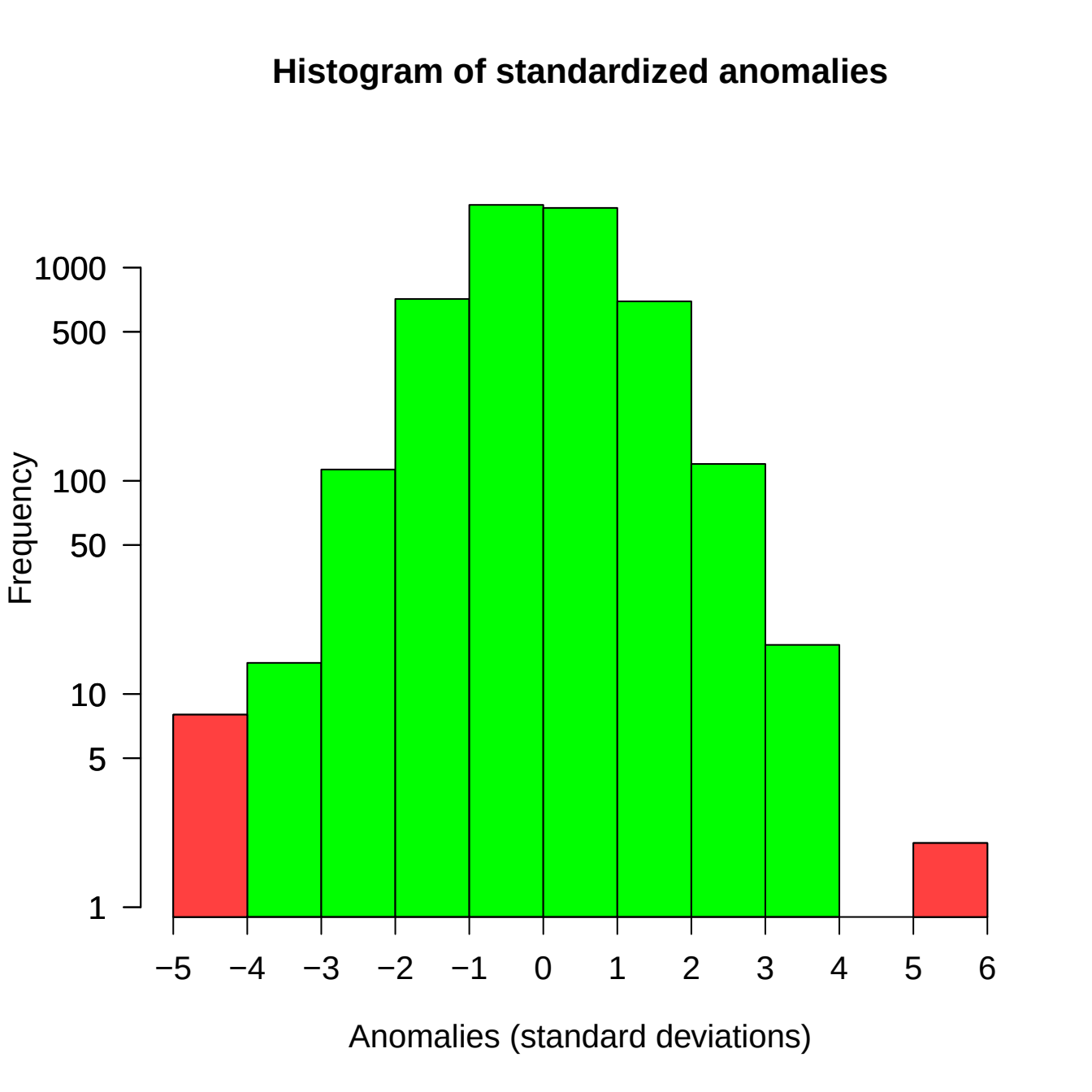

tmax−m 5 (ho00000783)
ARAPA
Running annual means
19
18
17
16
15
14
Correction terms
2
1
0
−1
−2
1980
2000
2020
Time

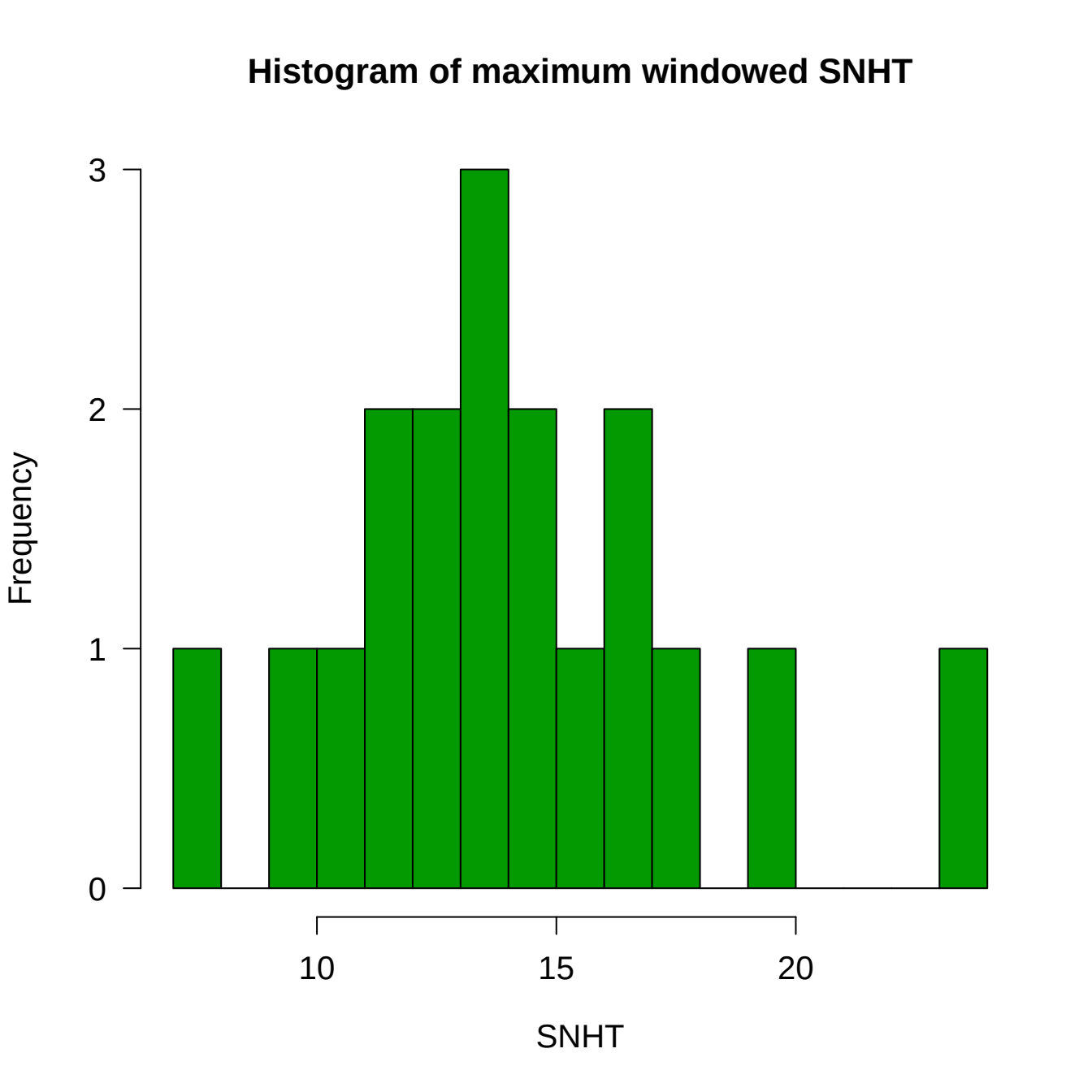

tmax−m 6 (ho00000785)
MUNANI
Running annual means
19
18
17
16
15
Correction terms
2
1
0
−1
−2
1980
2000
2020
Time

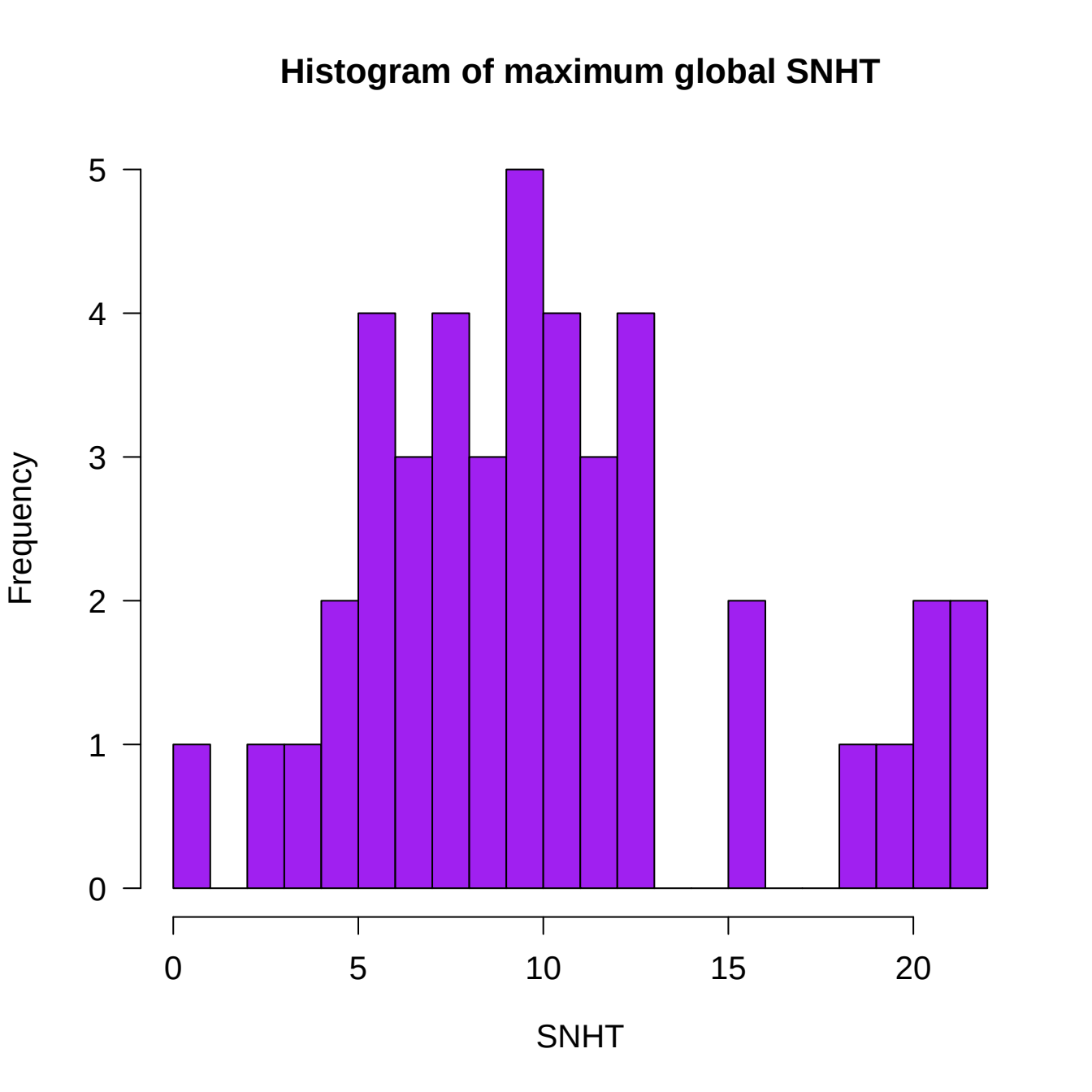

tmax−m 7 (ho00000786)
HUANCANE
Running annual means
18
17
16
15
14
13
Correction terms
2
1
0
−1
−2
1980
2000
2020
Time

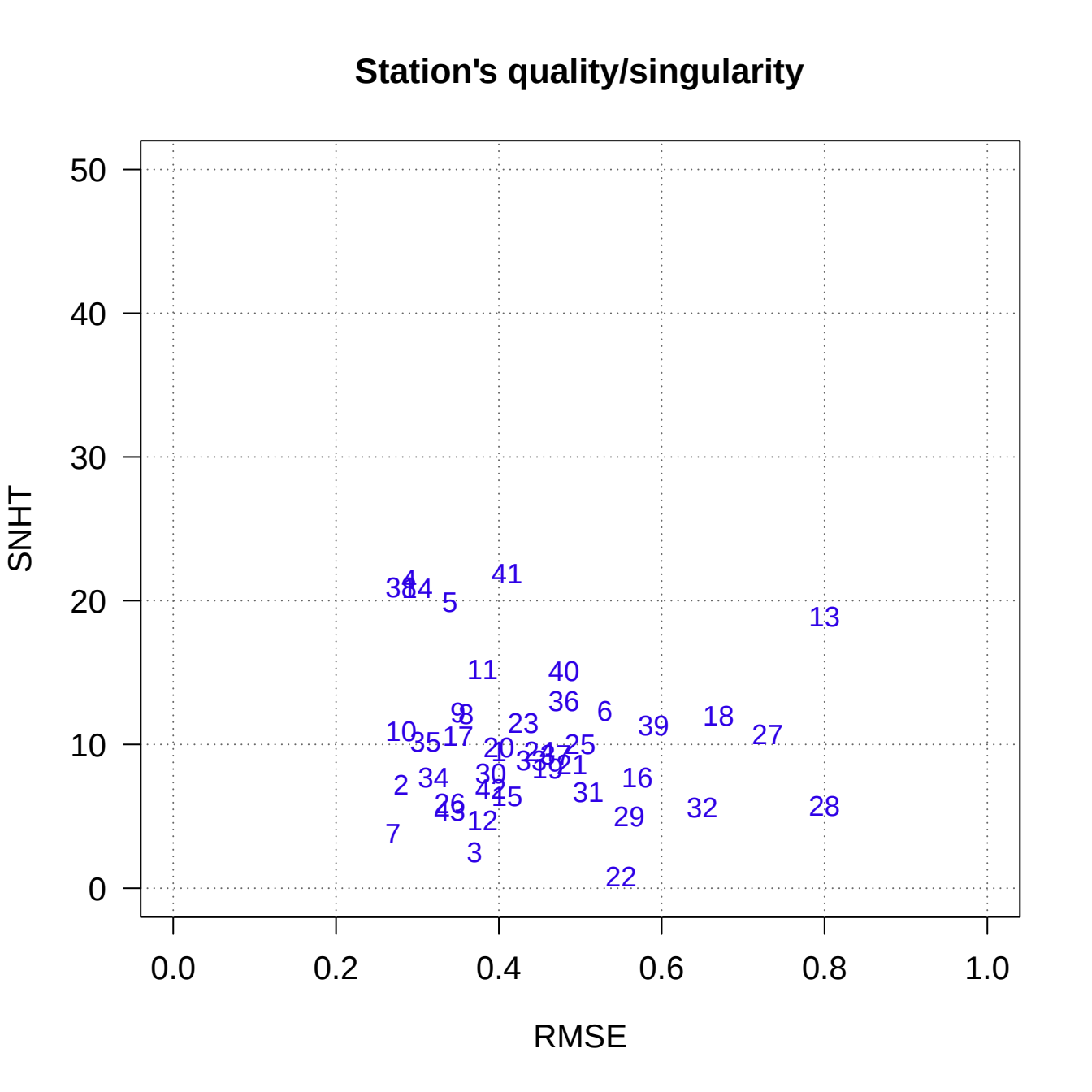

tmax−m 8 (ho00000787)
HUARAYAMOHO
Running annual means
18
17
16
15
14
13
Correction terms
2
1
0
−1
−2
1980
2000
2020
Time


tmax−m 9 (ho00000788)
CAPACHICA
Running annual means
17
16
15
14
13
Correction terms
3
2
1
0
−1
−2
−3
−4
1980
2000
2020
Time


Histogram of standardized anomalies
Frequency
1000
500
100
50
10
5
1
−5
−4
−3
−2
−1
0
1
2
3
4
5
6
Anomalies (standard deviations)


Histogram of maximum windowed SNHT
Frequency
0
1
2
3
10
15
20
SNHT


Histogram of maximum global SNHT
Frequency
0
1
2
3
4
5
0
5
10
15
20
SNHT


Station's quality/singularity
SNHT
RMSE
0
10
20
30
40
50
0.0
0.2
0.4
0.6
0.8
1.0
41
5
13
11
40
36
6
39
18
27
23
10
35
17
25
2
34
16
31
32
28
29
12
7
3
22