

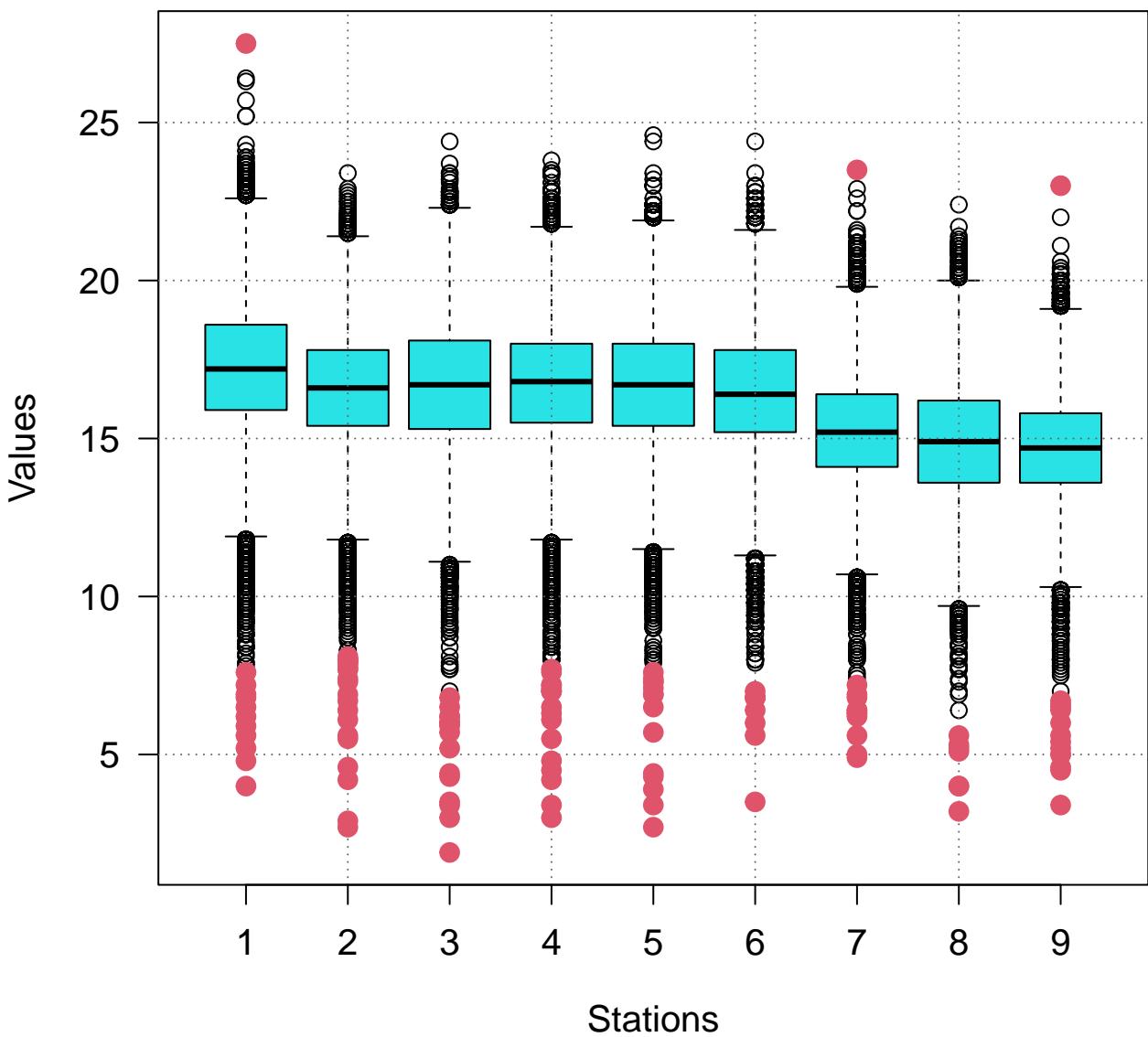
# CLIMATOL 4.0.0

Homogenization  
graphic output of

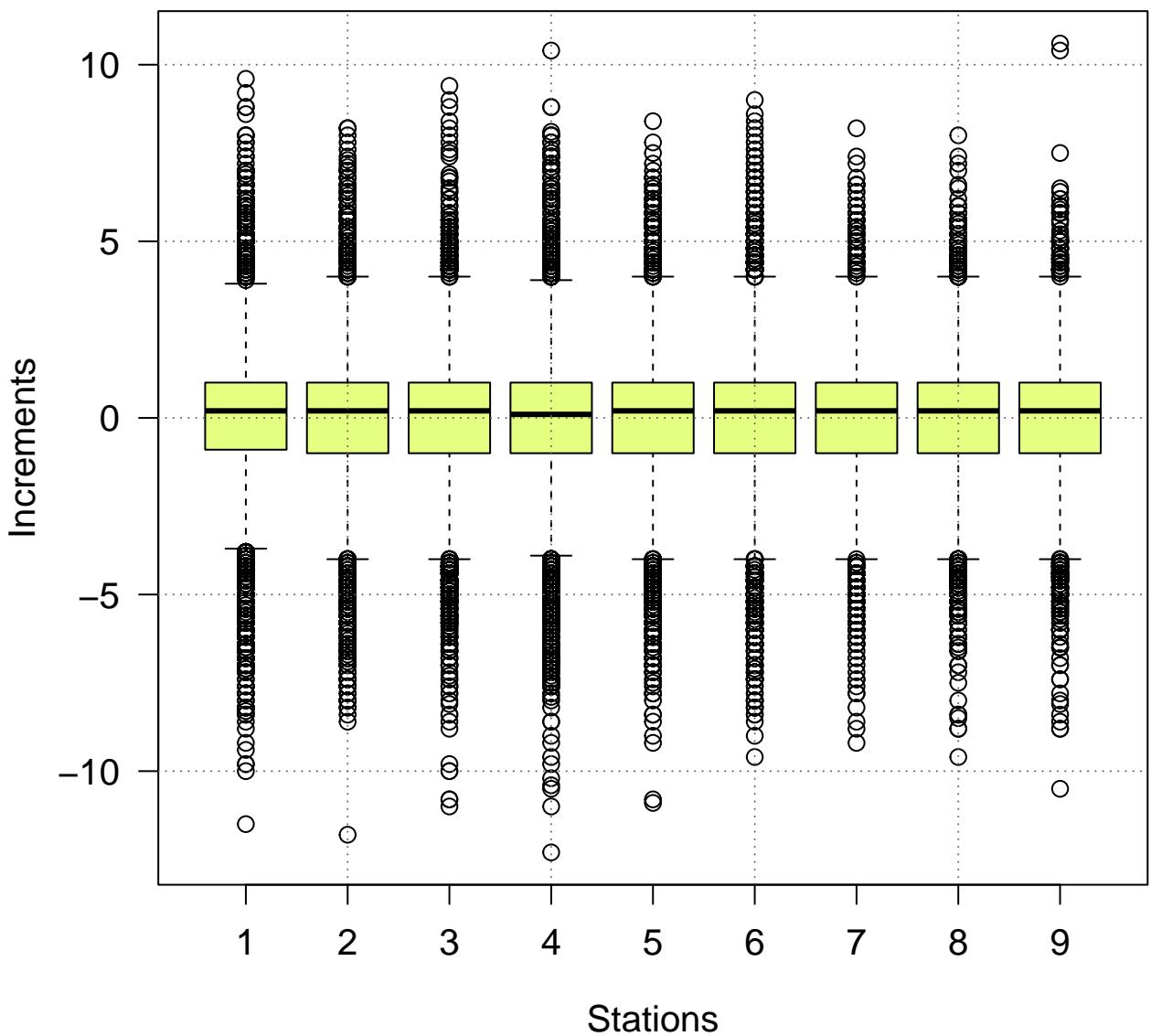
tmax

1965–2019

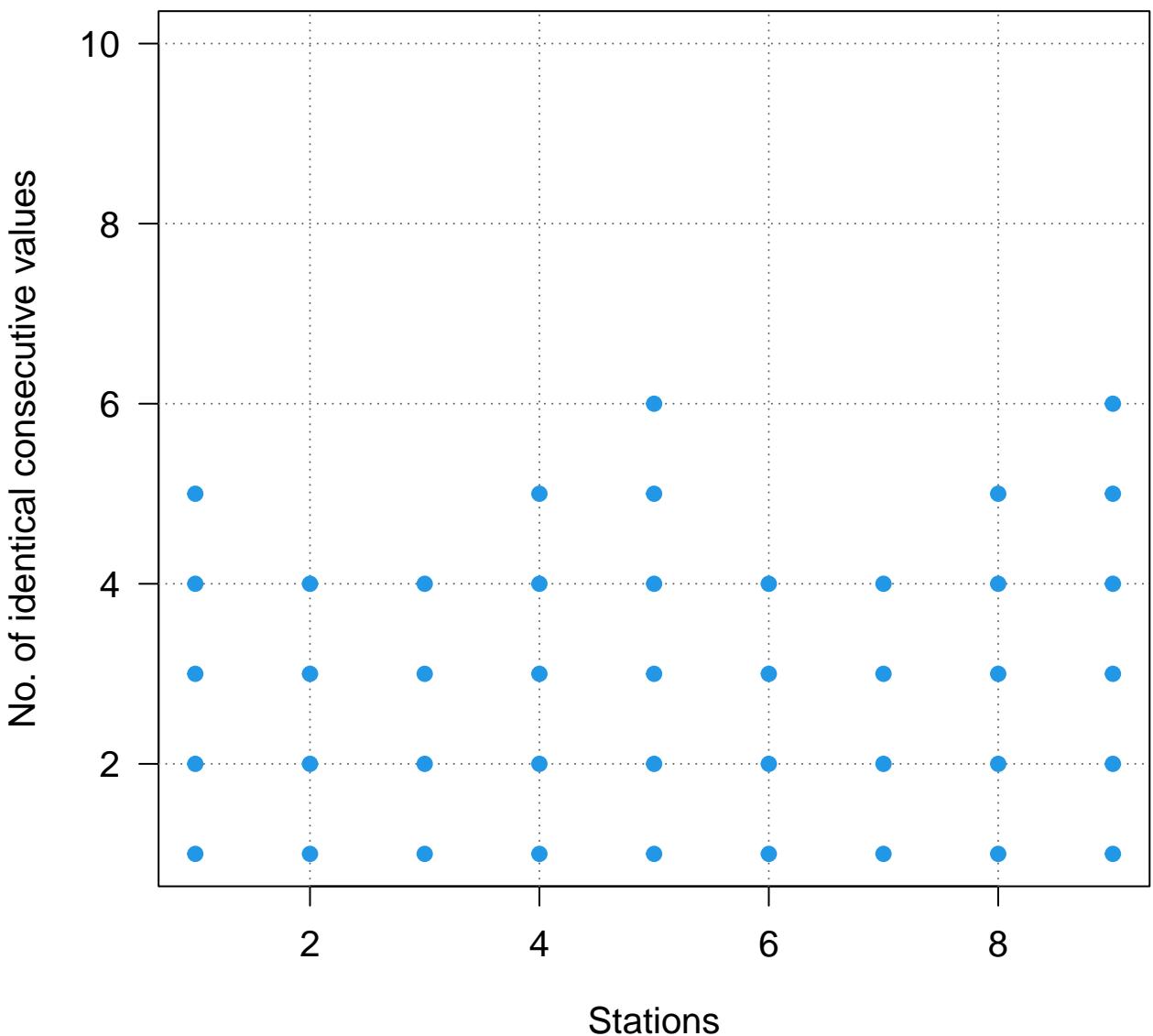
# tmax data



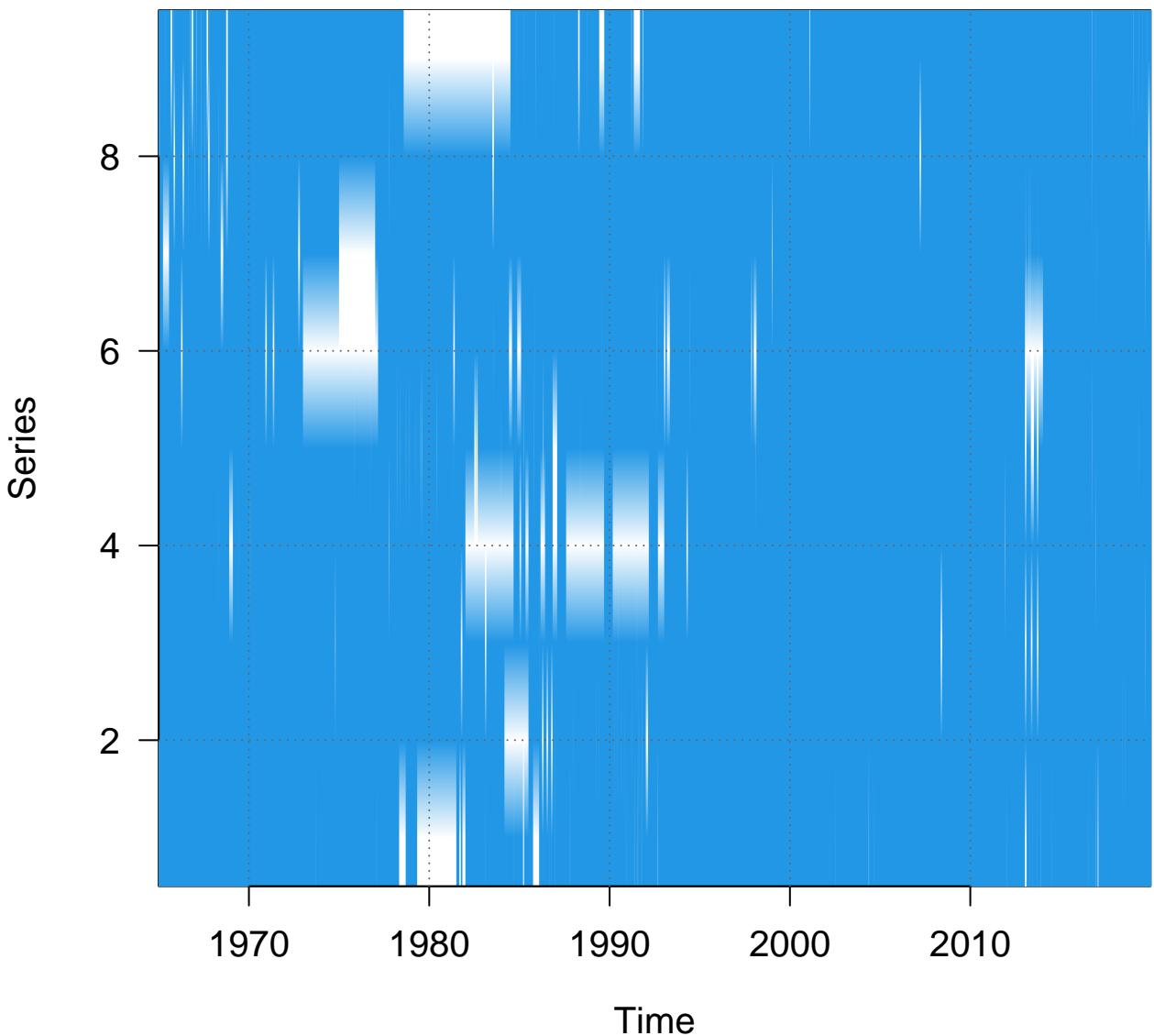
## tmax data increments



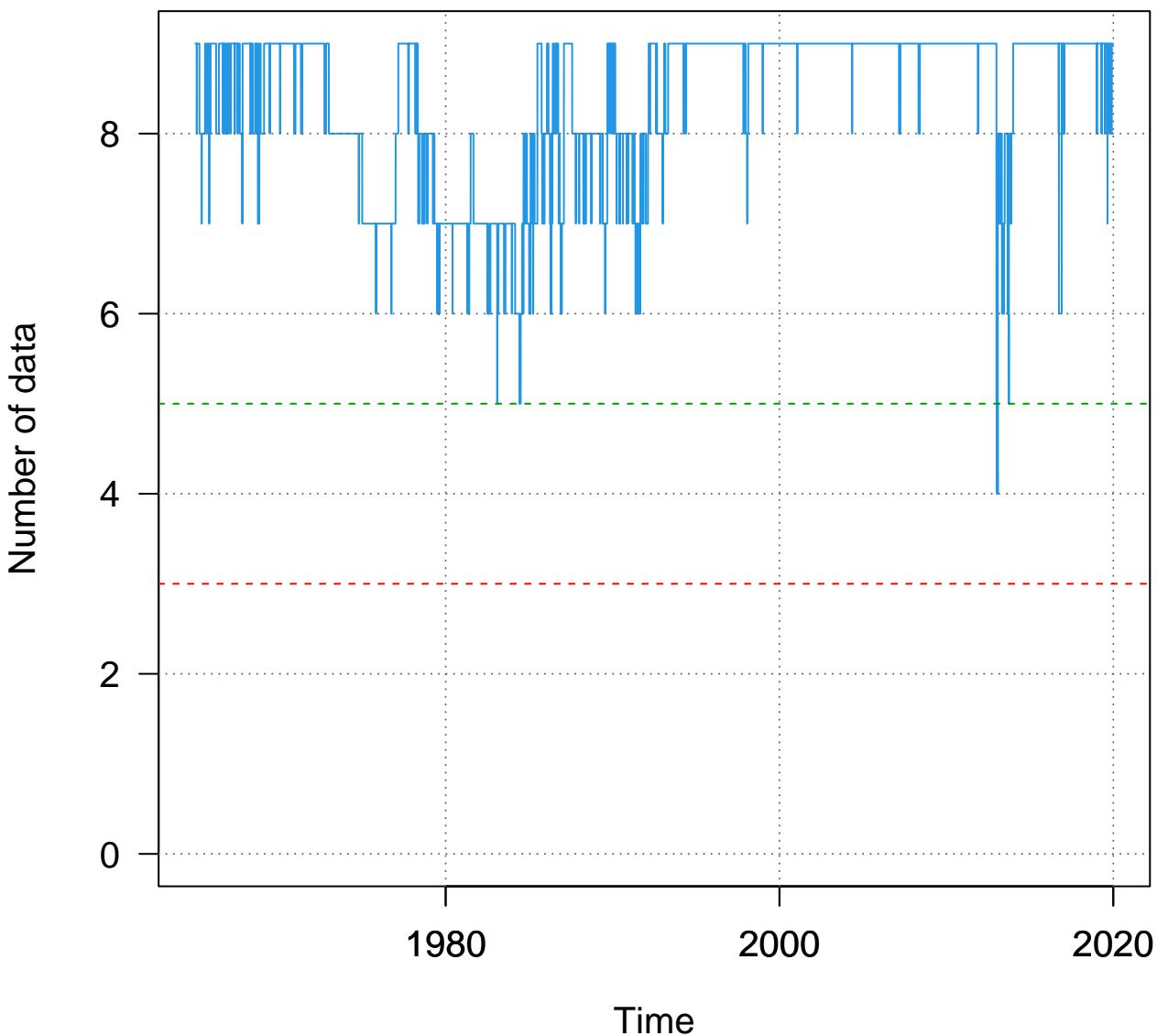
## tmax run lengths



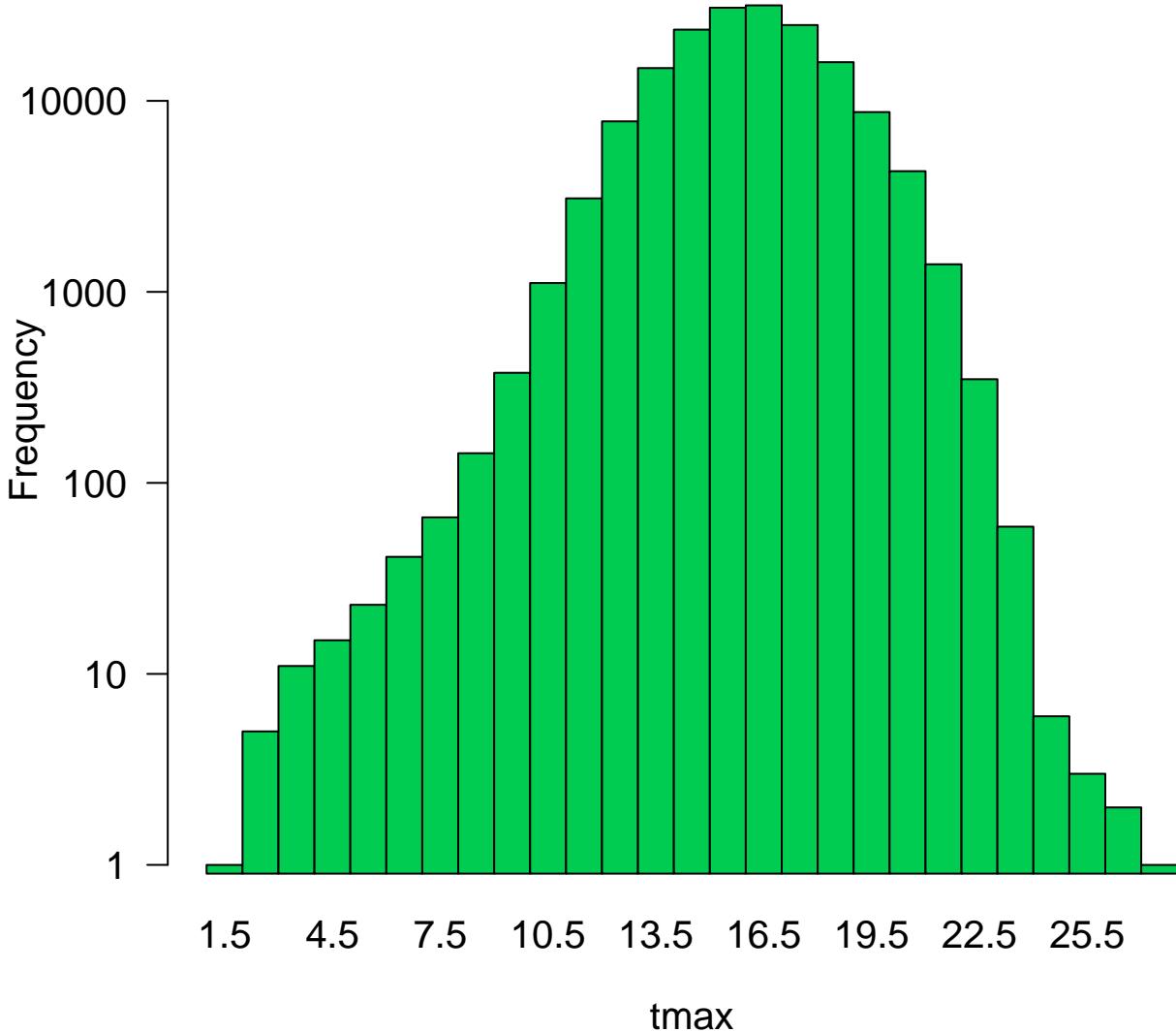
## tmax data availability



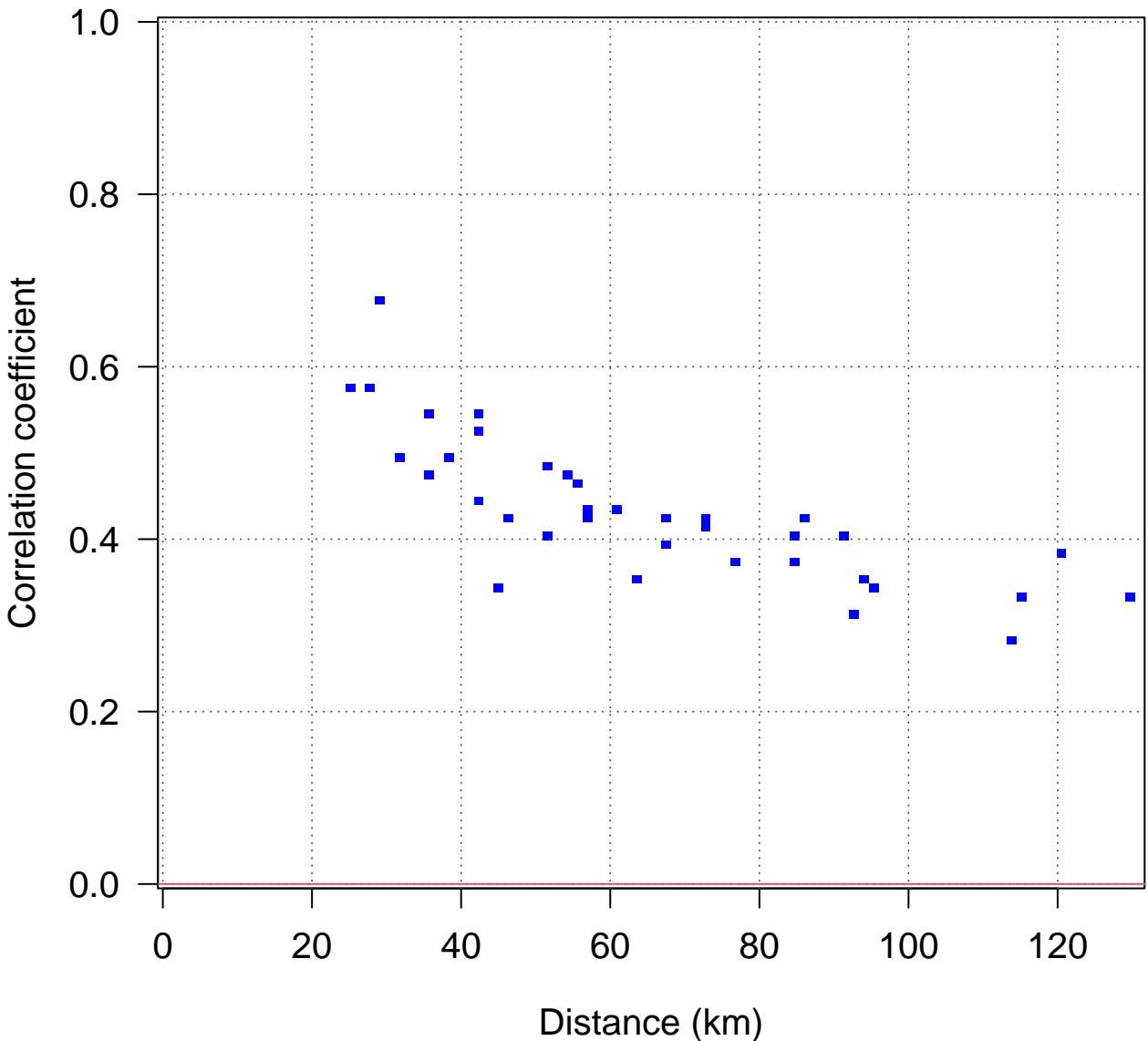
## Number of tmax data in all stations



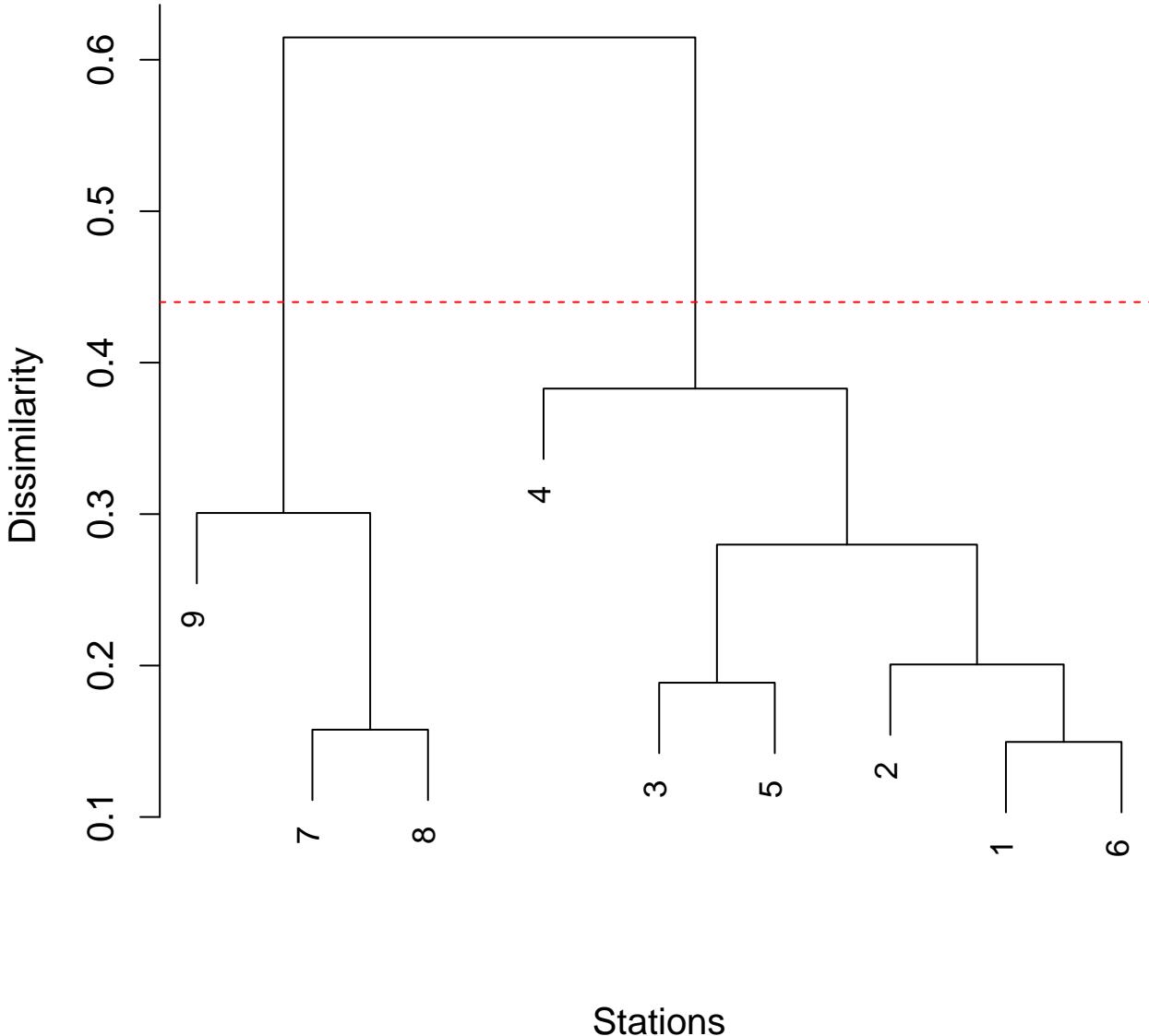
## Histogram of all data



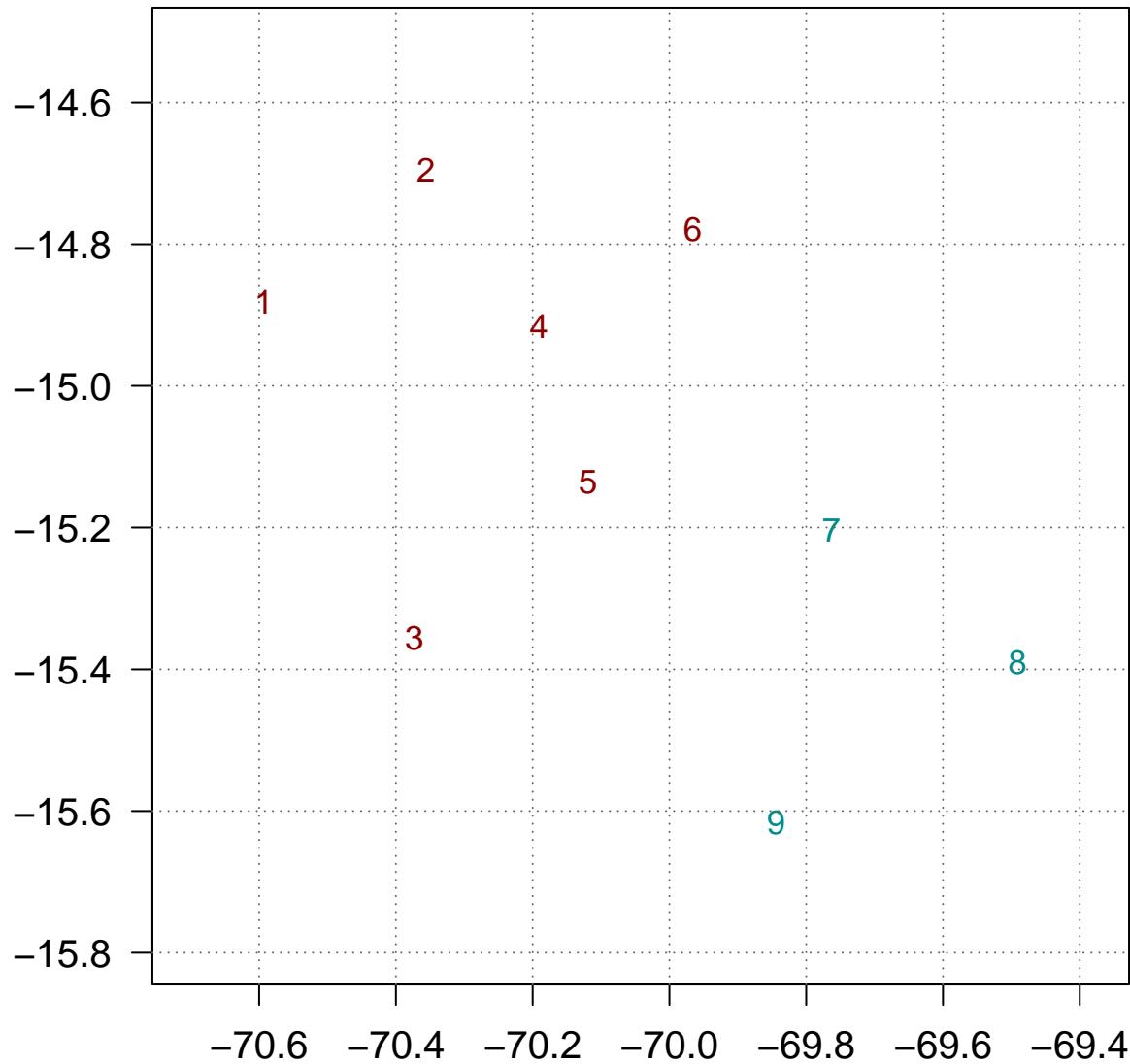
## Correlogram of first difference tmax series



## Dendrogram of station clusters



## tmax station locations (2 clusters)

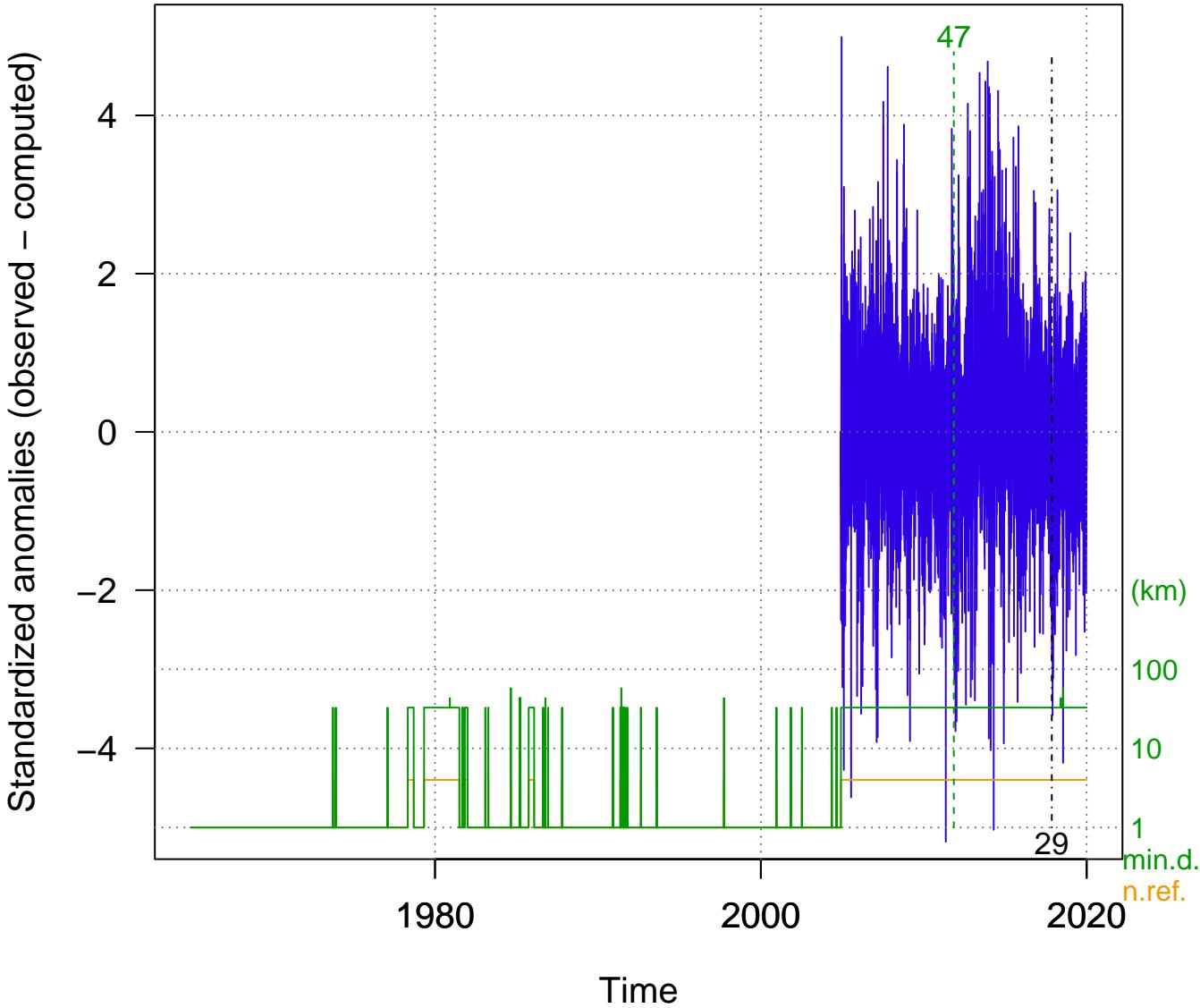


# Stage 3

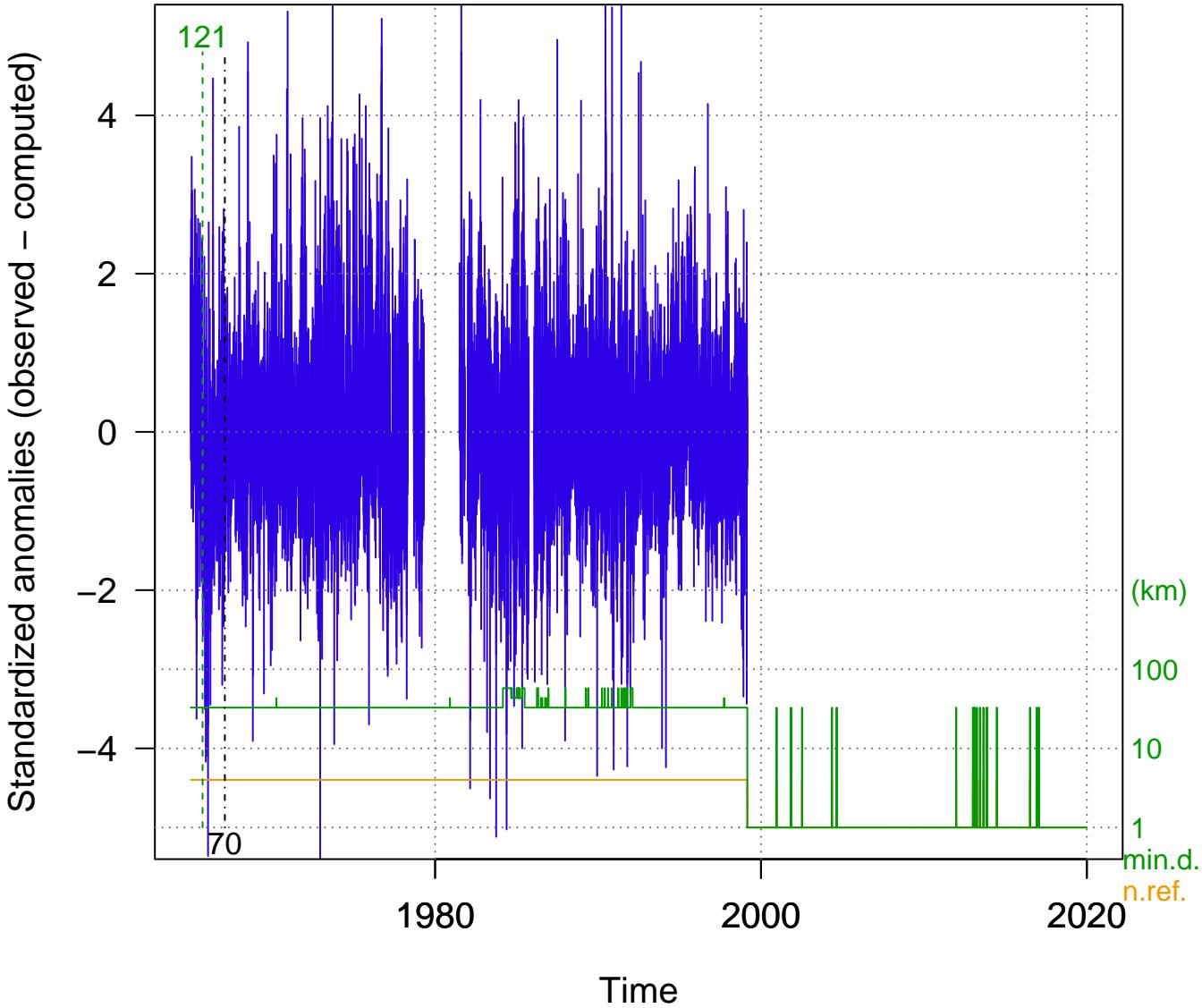
Final anomalies of the  
homogenized series with  
 $wd = 100 \text{ km}$  and  $nref = 4$

tmax 1 (ho00000776)

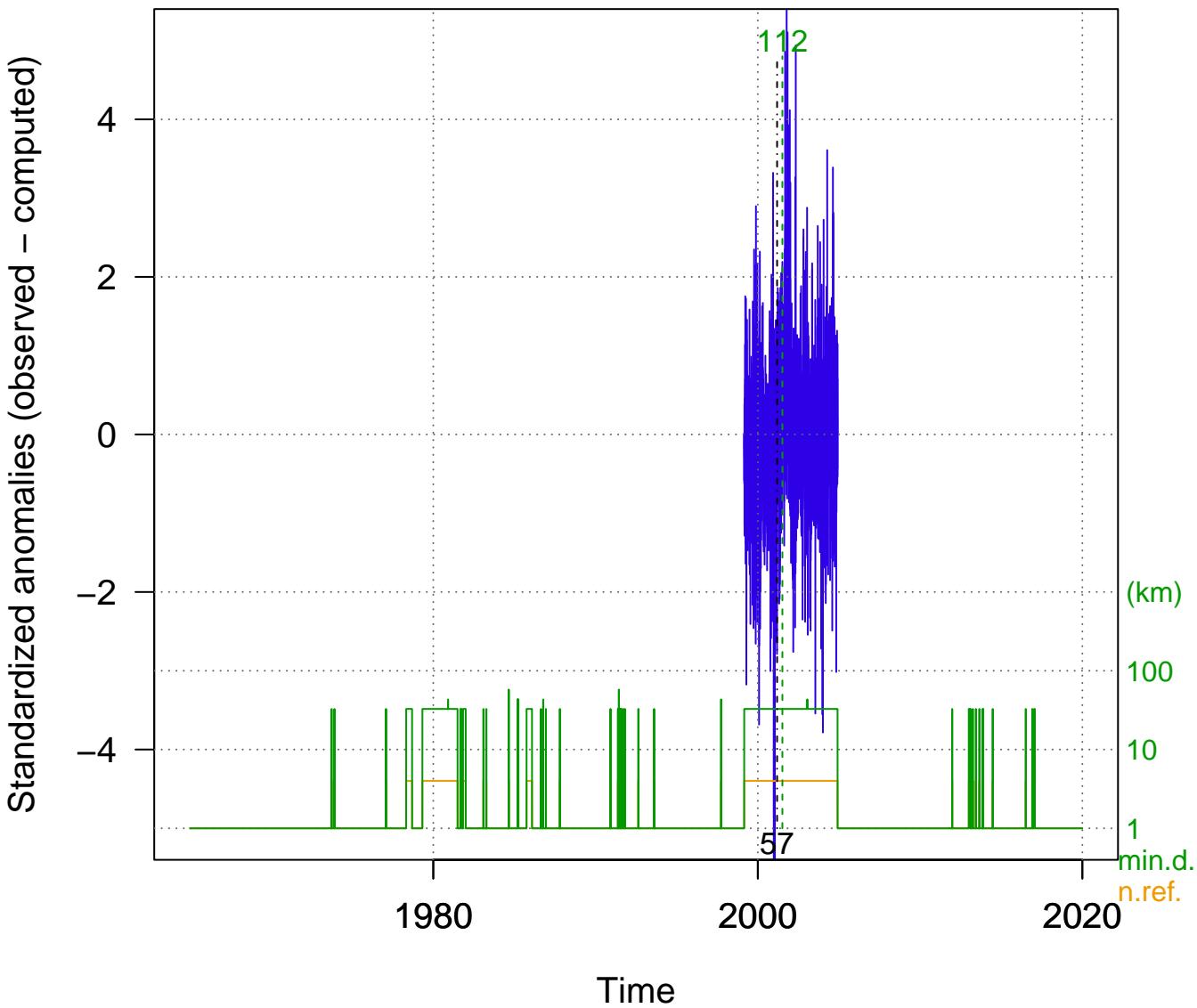
AYAVIRI



tmax 10 (ho00000776-2)  
AYAVIRI-2

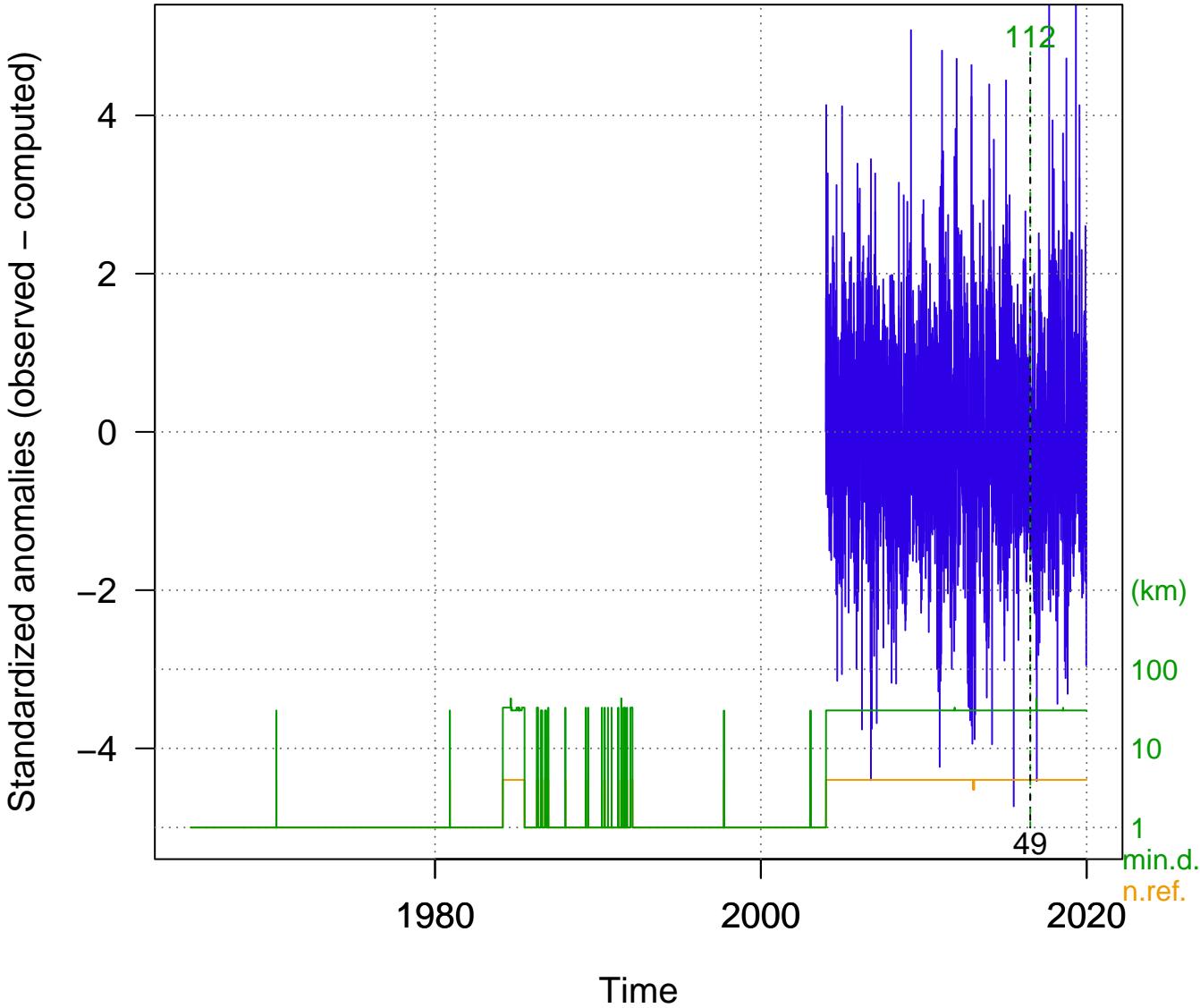


**tmax 11 (ho00000776-3)**  
**AYAVIRI-3**

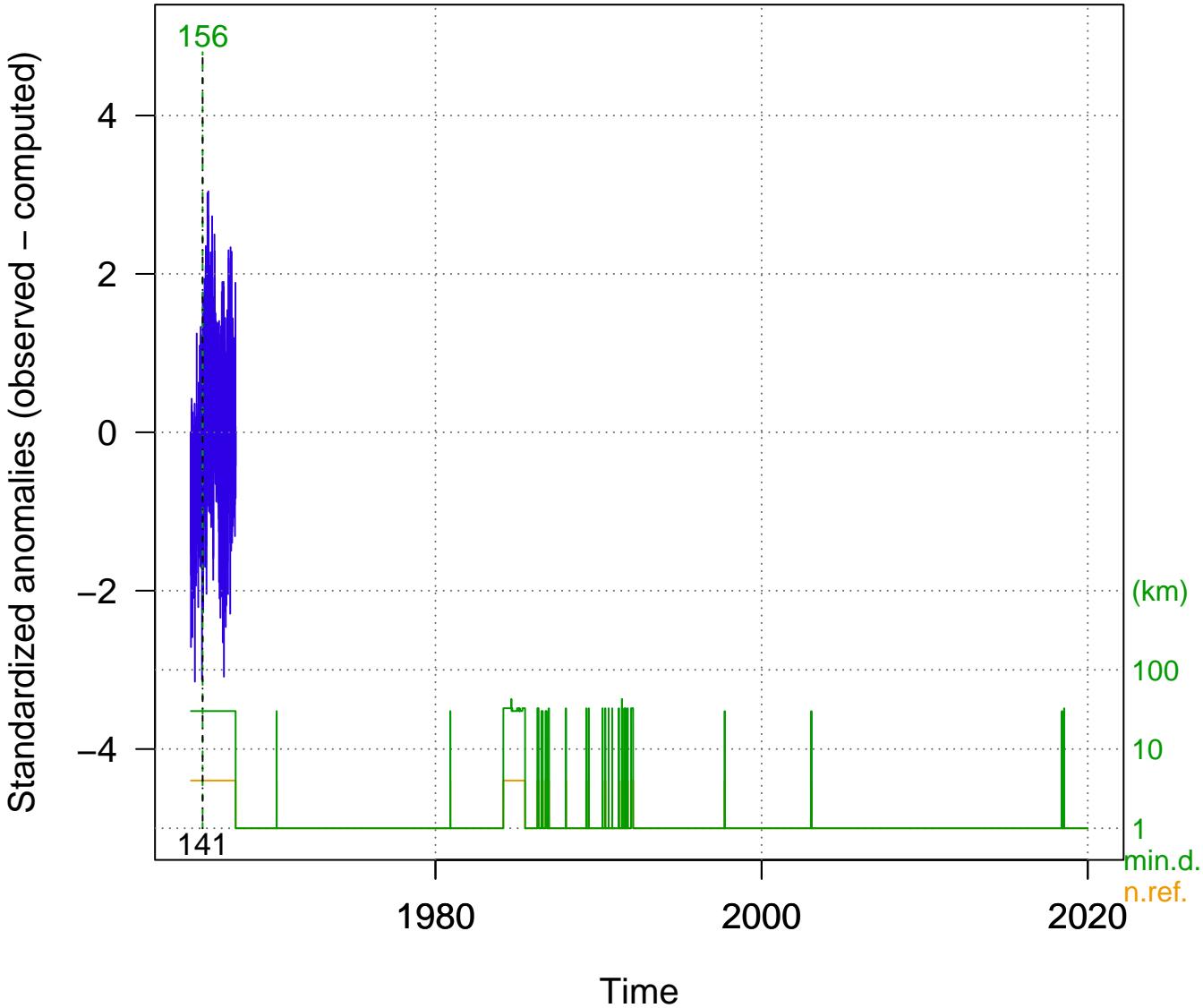


tmax 2 (ho00000778)

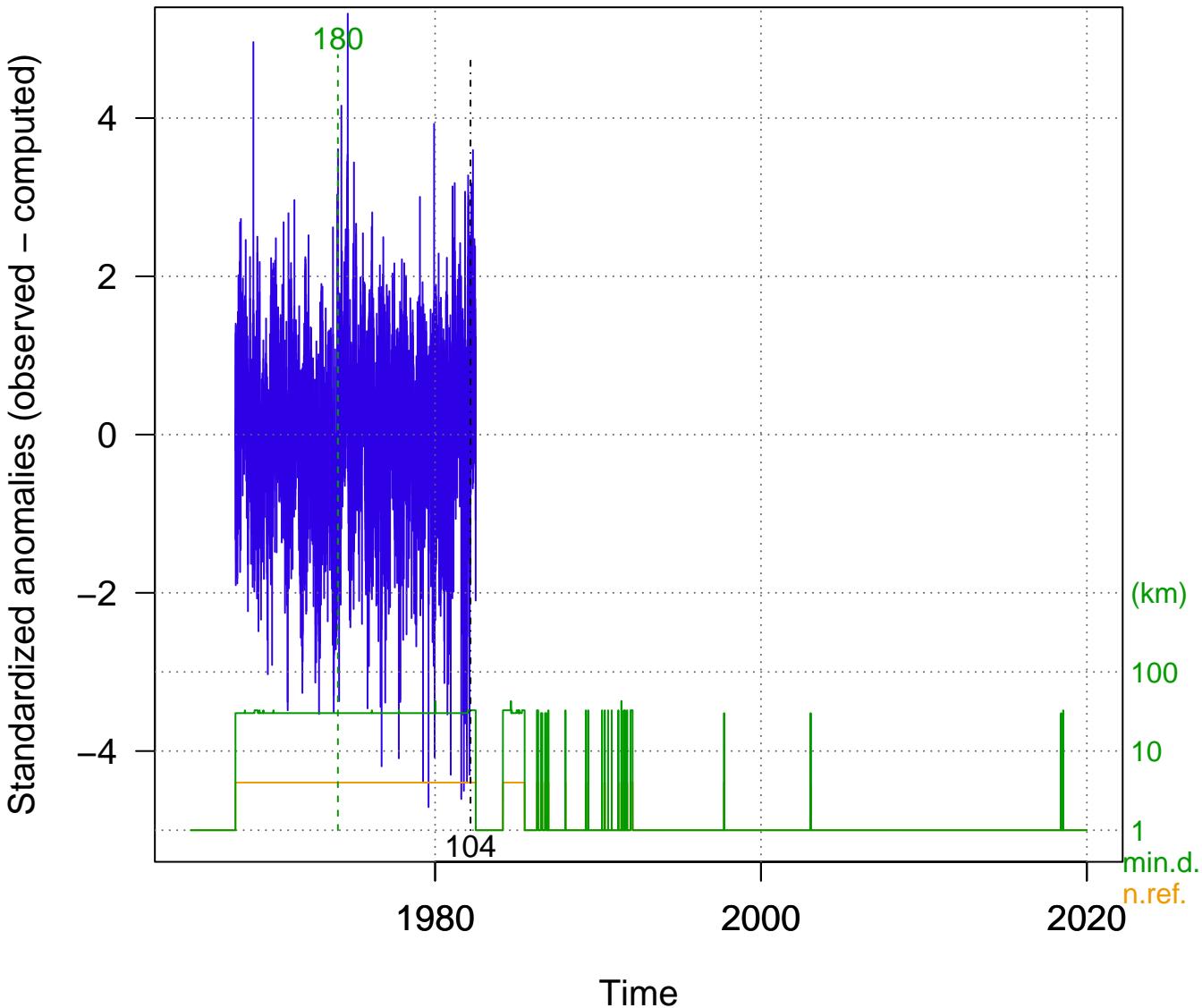
PROGRESO



tmax 12 (ho00000778-2)  
PROGRESO-2

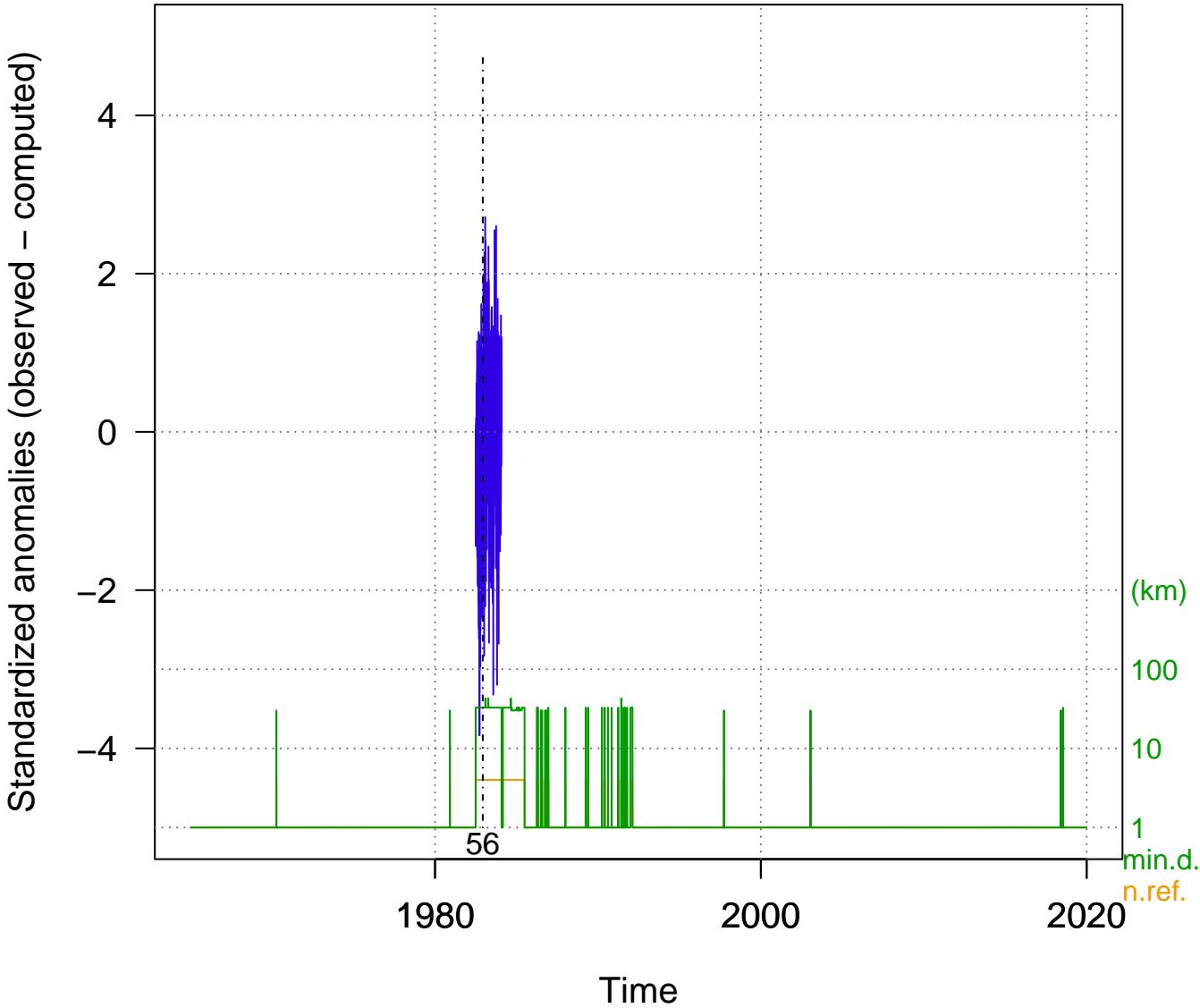


tmax 13 (ho00000778-3)  
PROGRESO-3

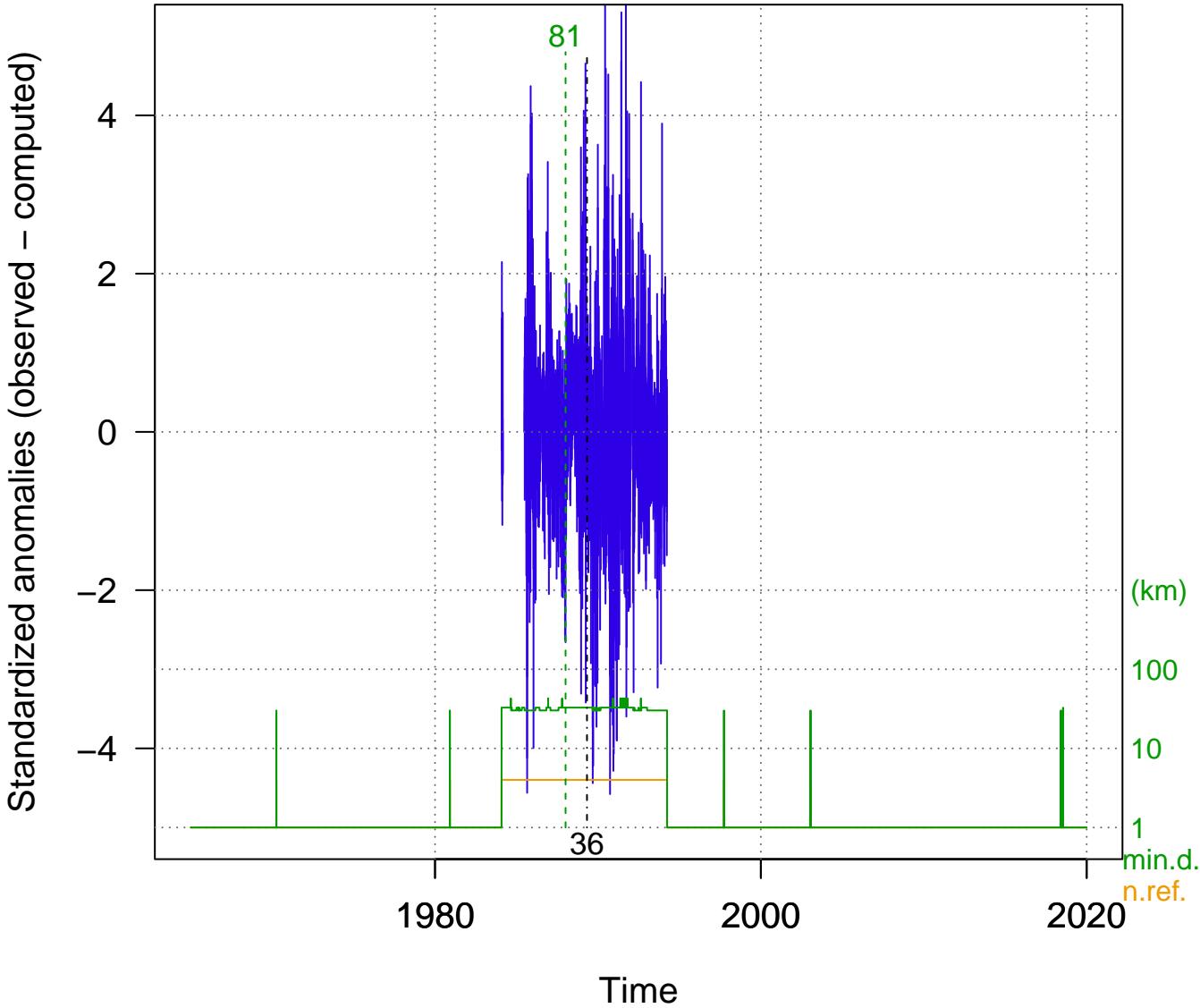


tmax 14 (ho00000778-4)

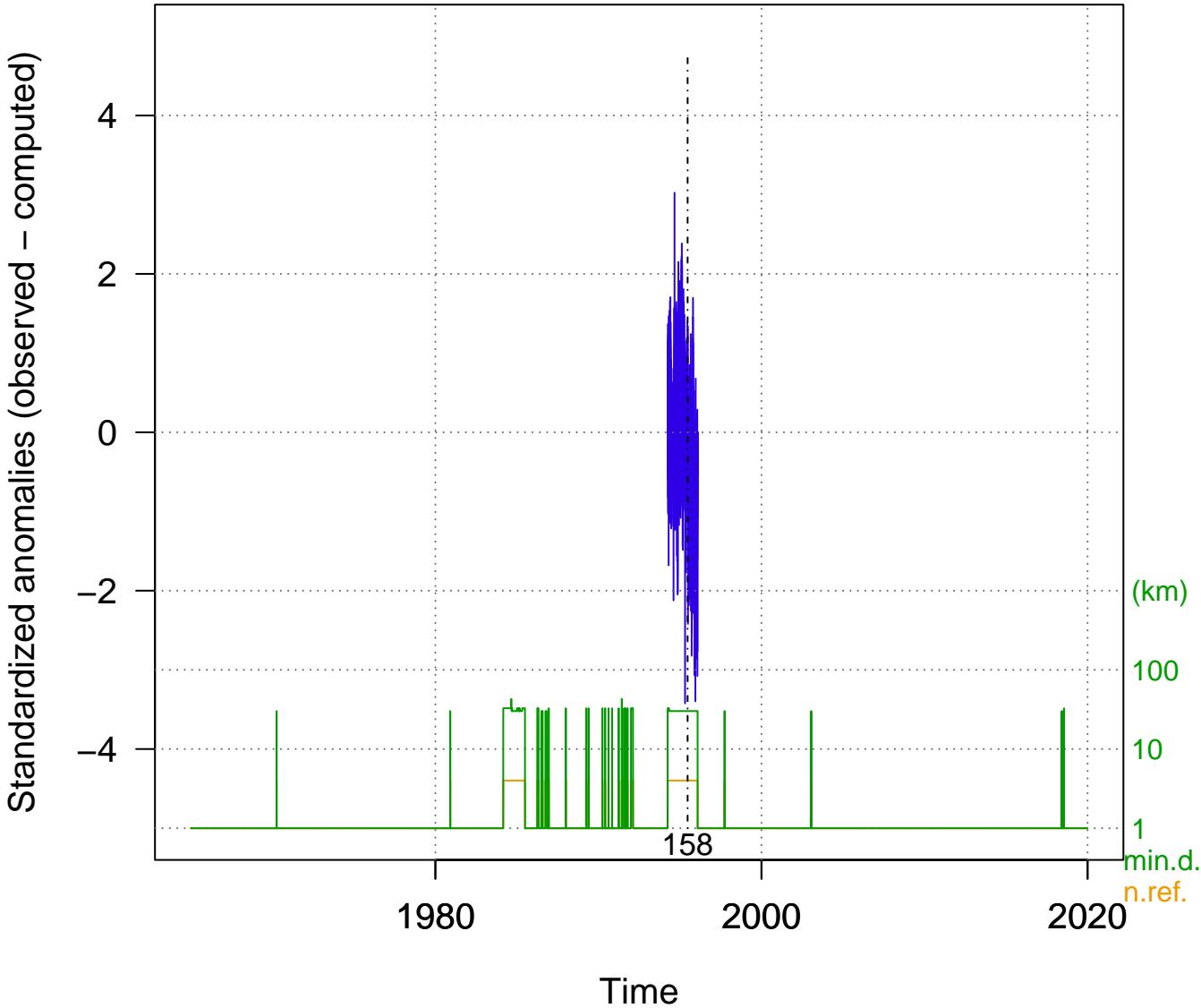
PROGRESO-4



**tmax 15 (ho00000778-5)**  
**PROGRESO-5**

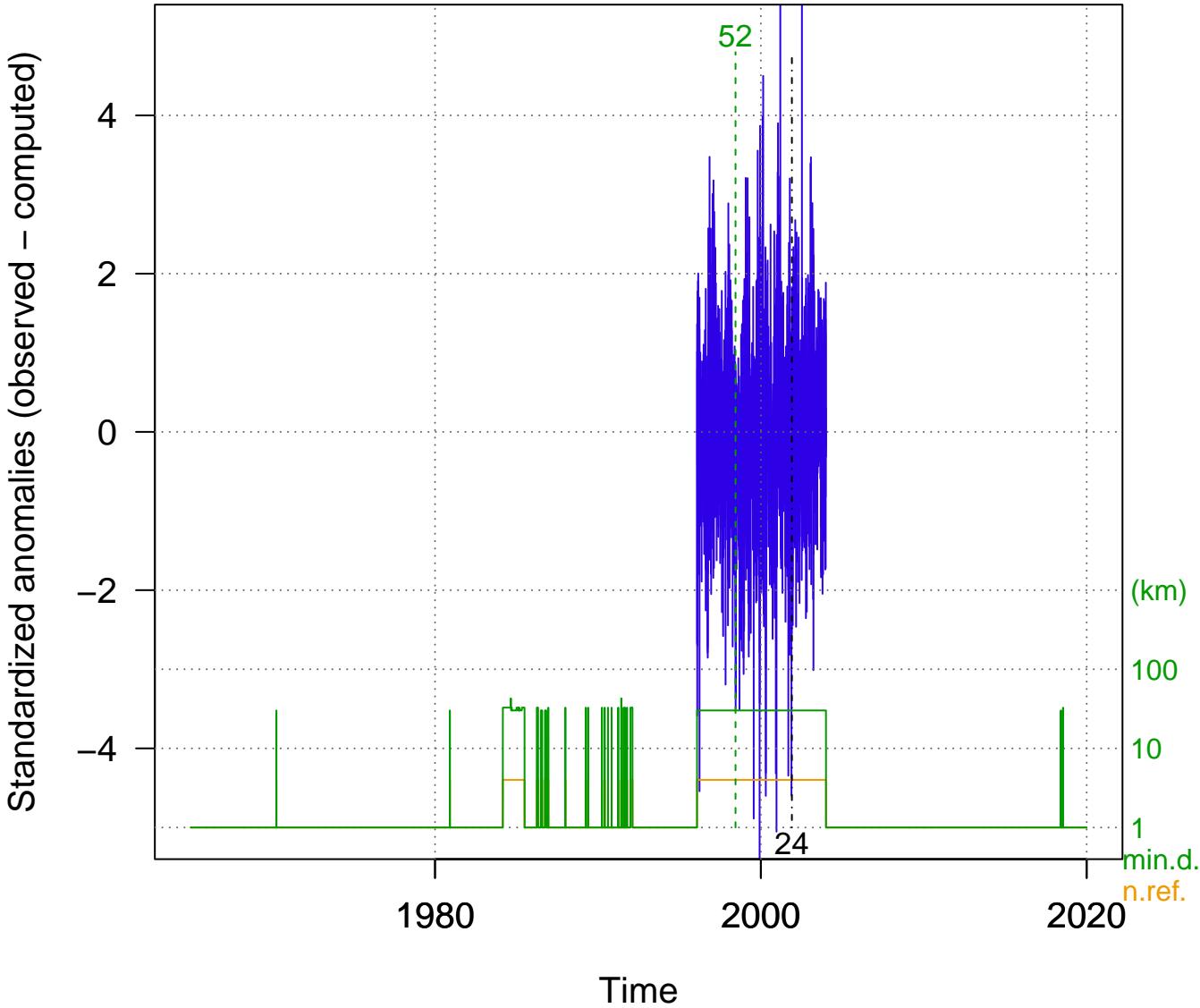


**tmax 16 (ho00000778–6)**  
**PROGRESO–6**



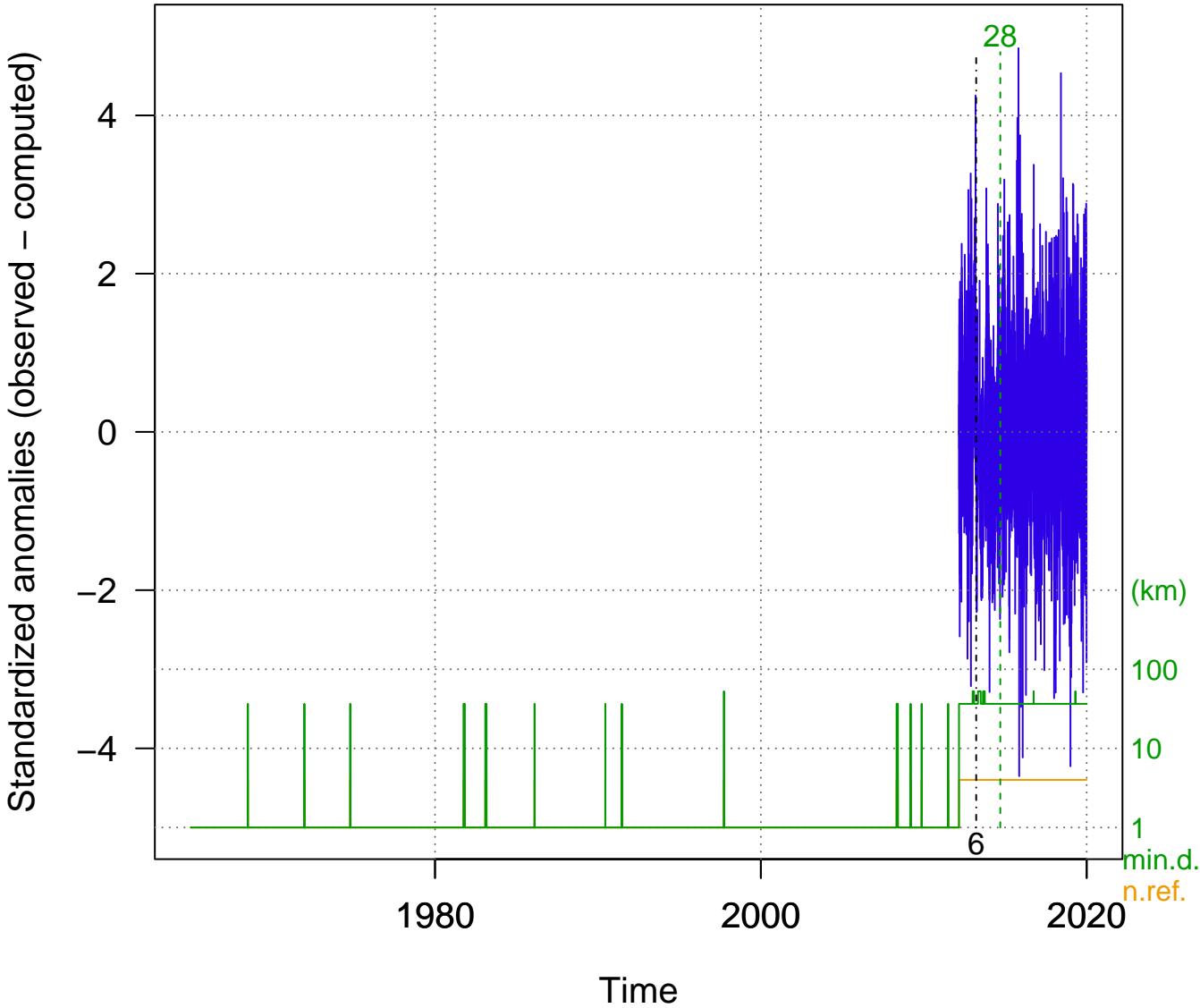
tmax 17 (ho00000778-7)

PROGRESO-7

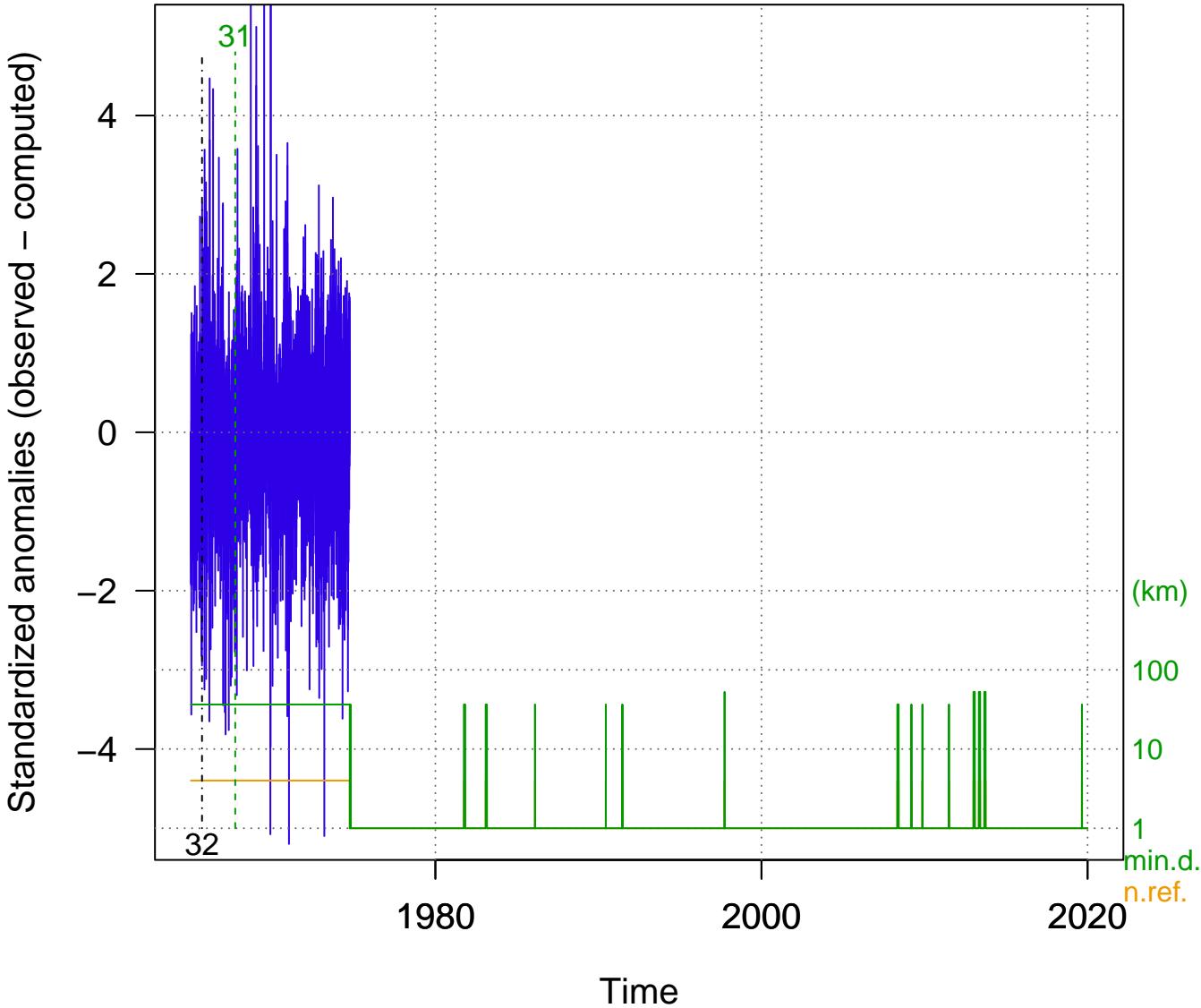


tmax 3 (ho00000779)

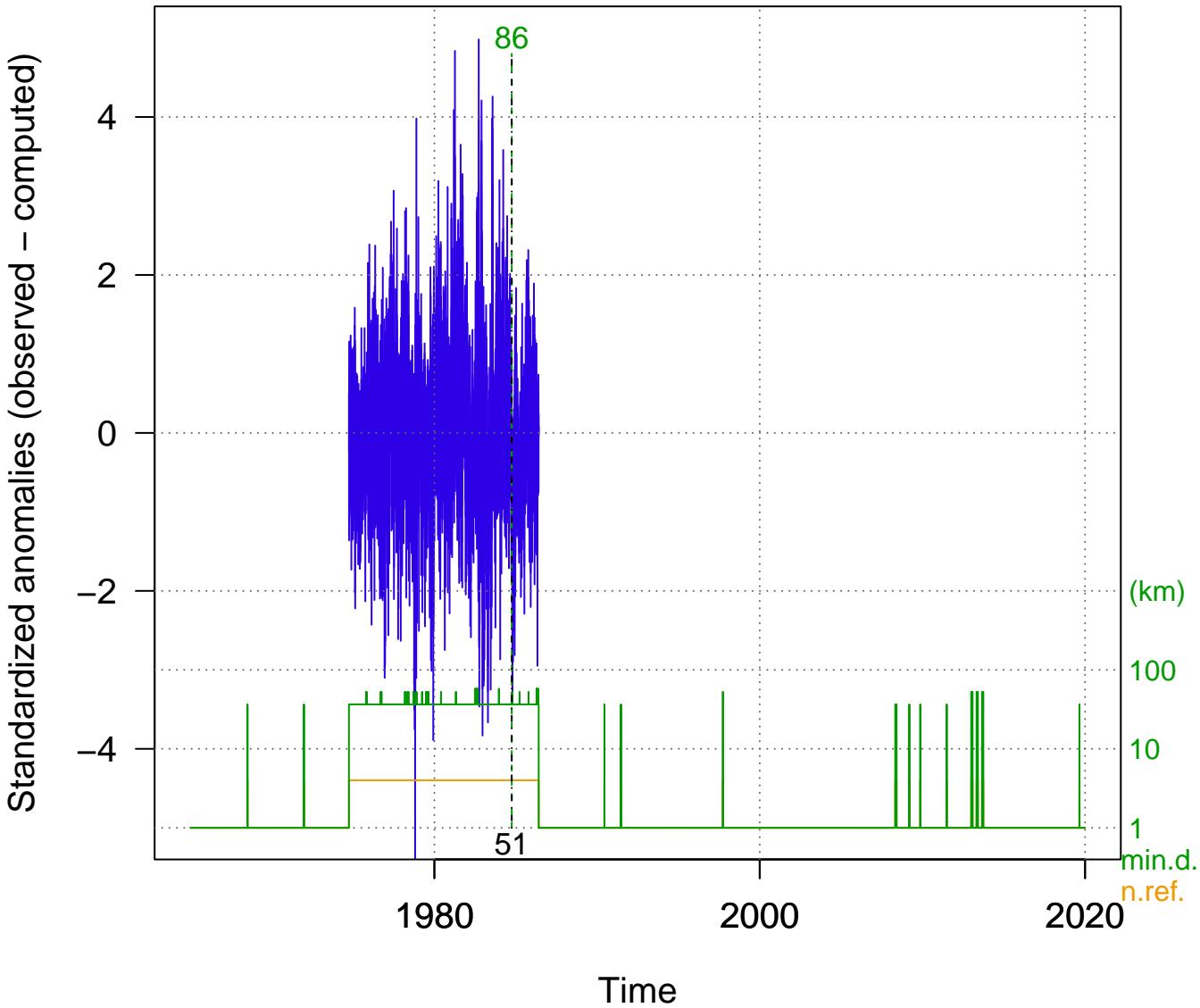
LAMPA



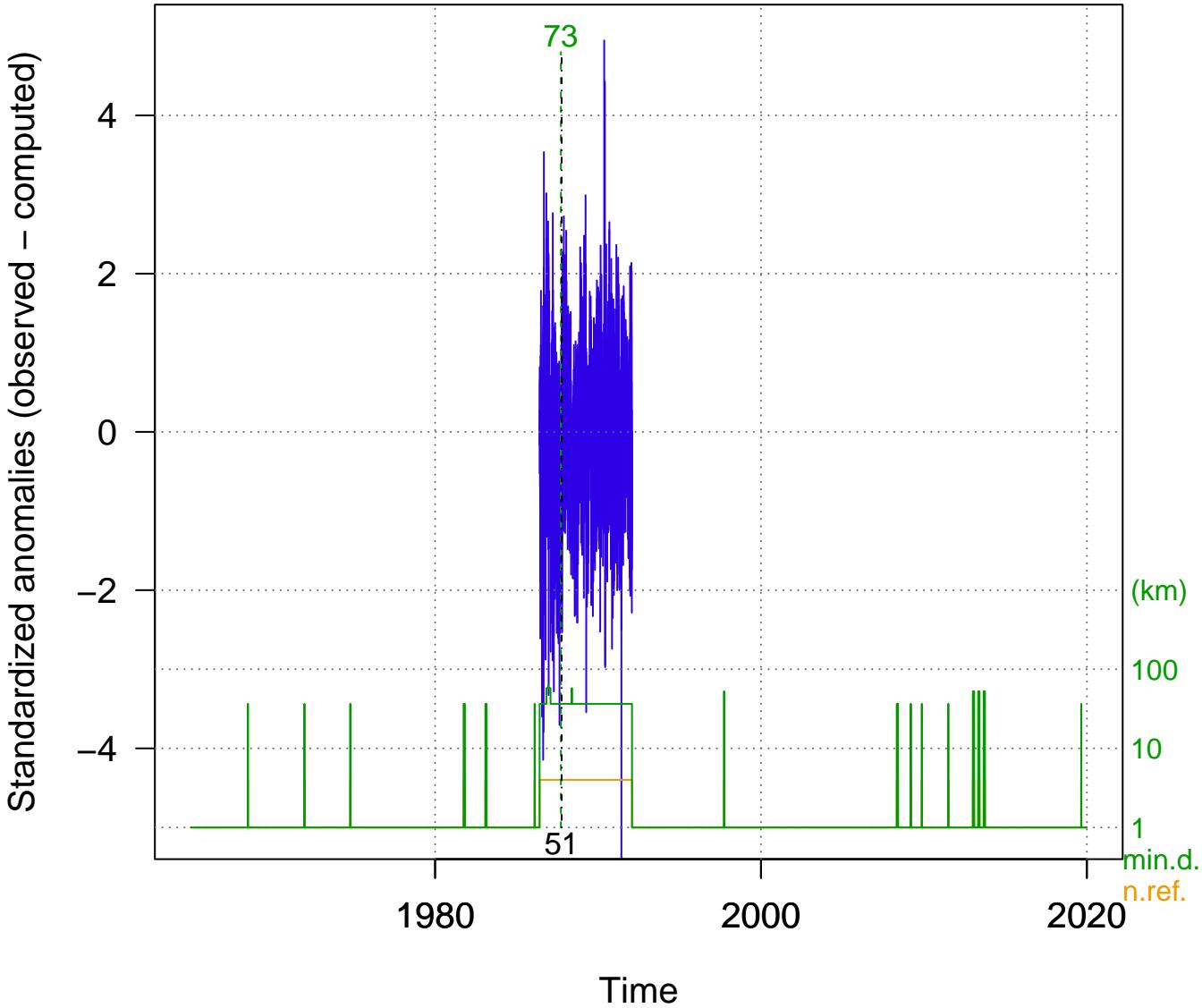
**tmax 18 (ho00000779-2)**  
**LAMPA-2**



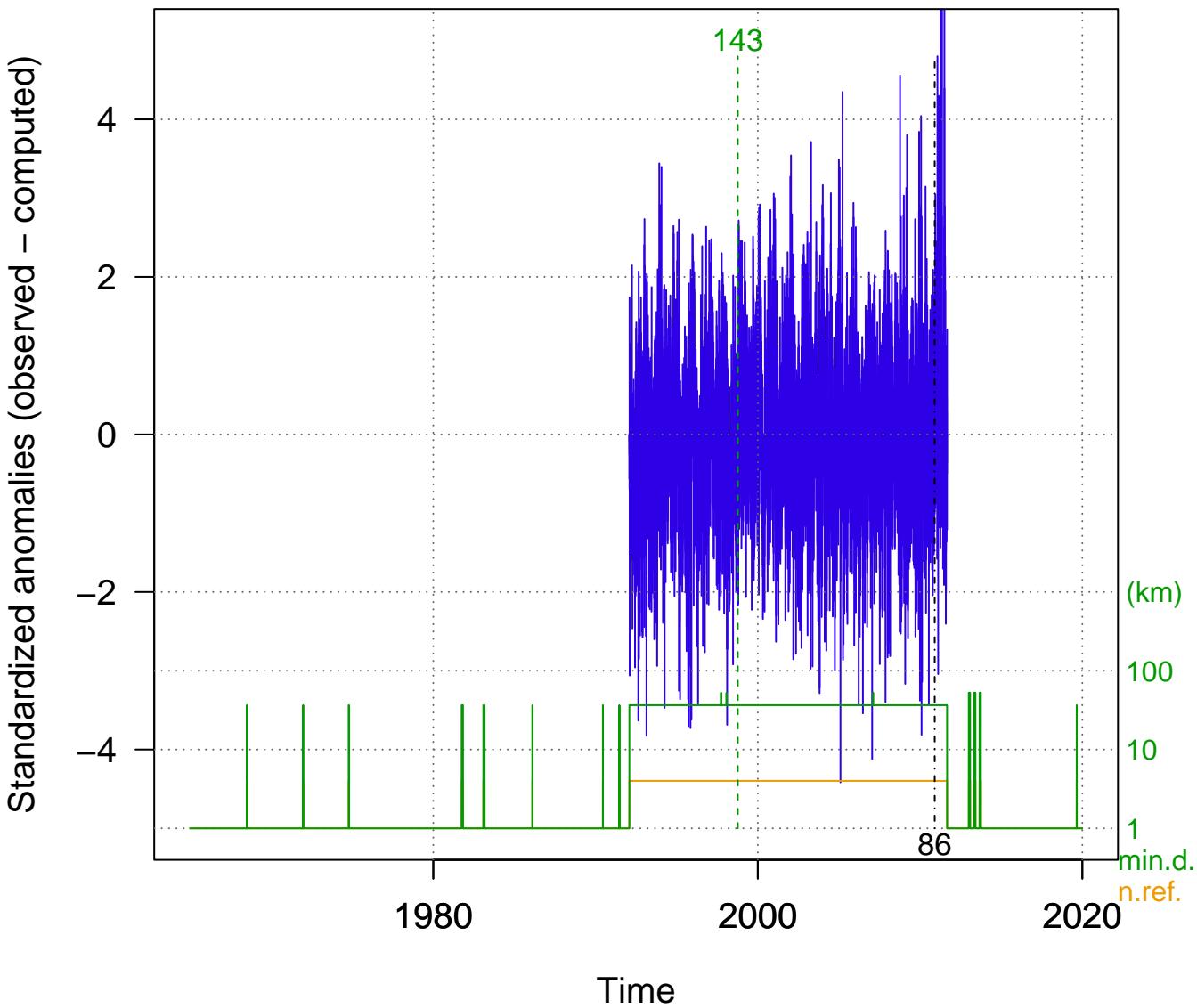
**tmax 19 (ho00000779-3)**  
**LAMPA-3**



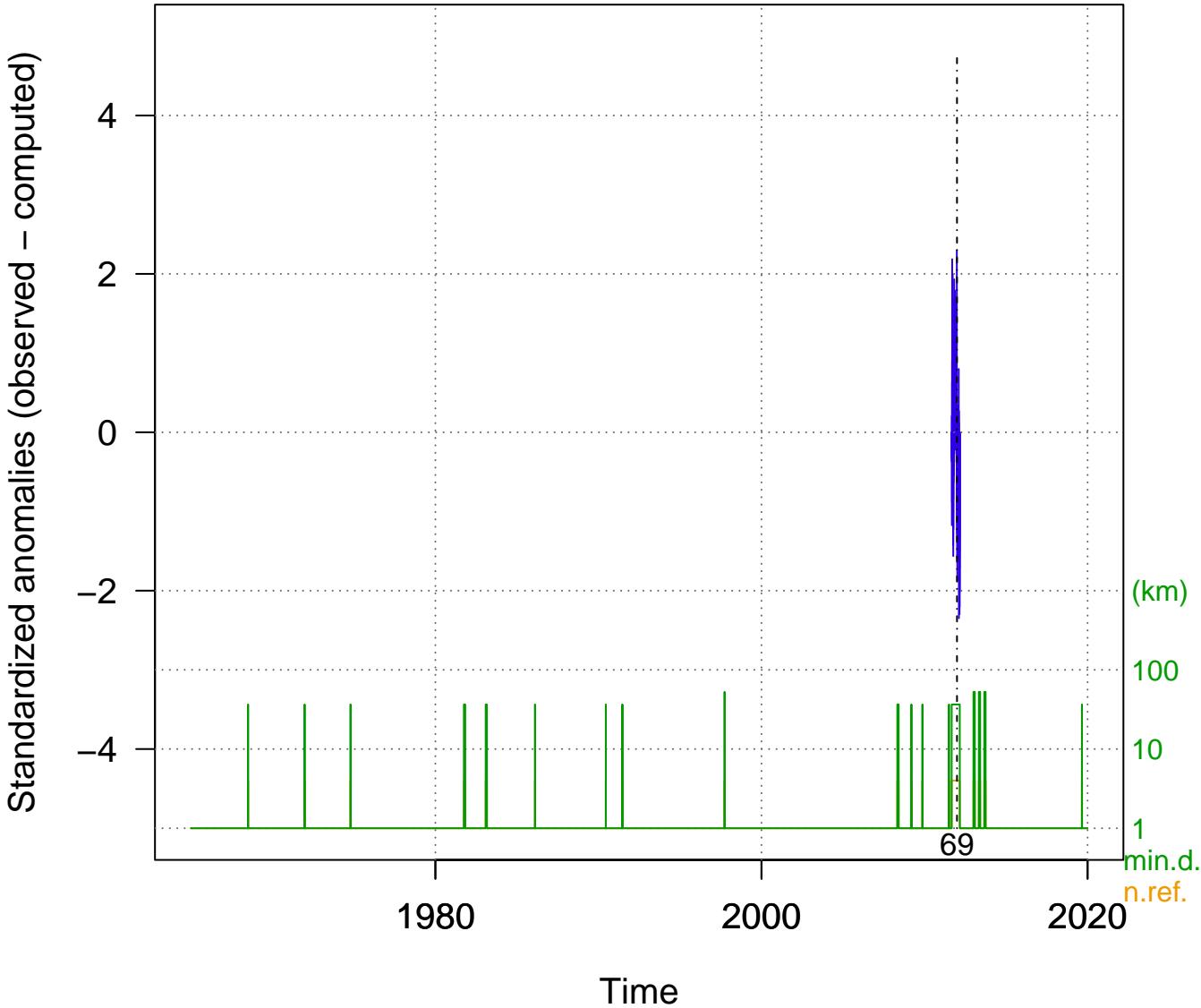
**tmax 20 (ho00000779-4)**  
**LAMPA-4**



**tmax 21 (ho00000779-5)**  
**LAMPA-5**

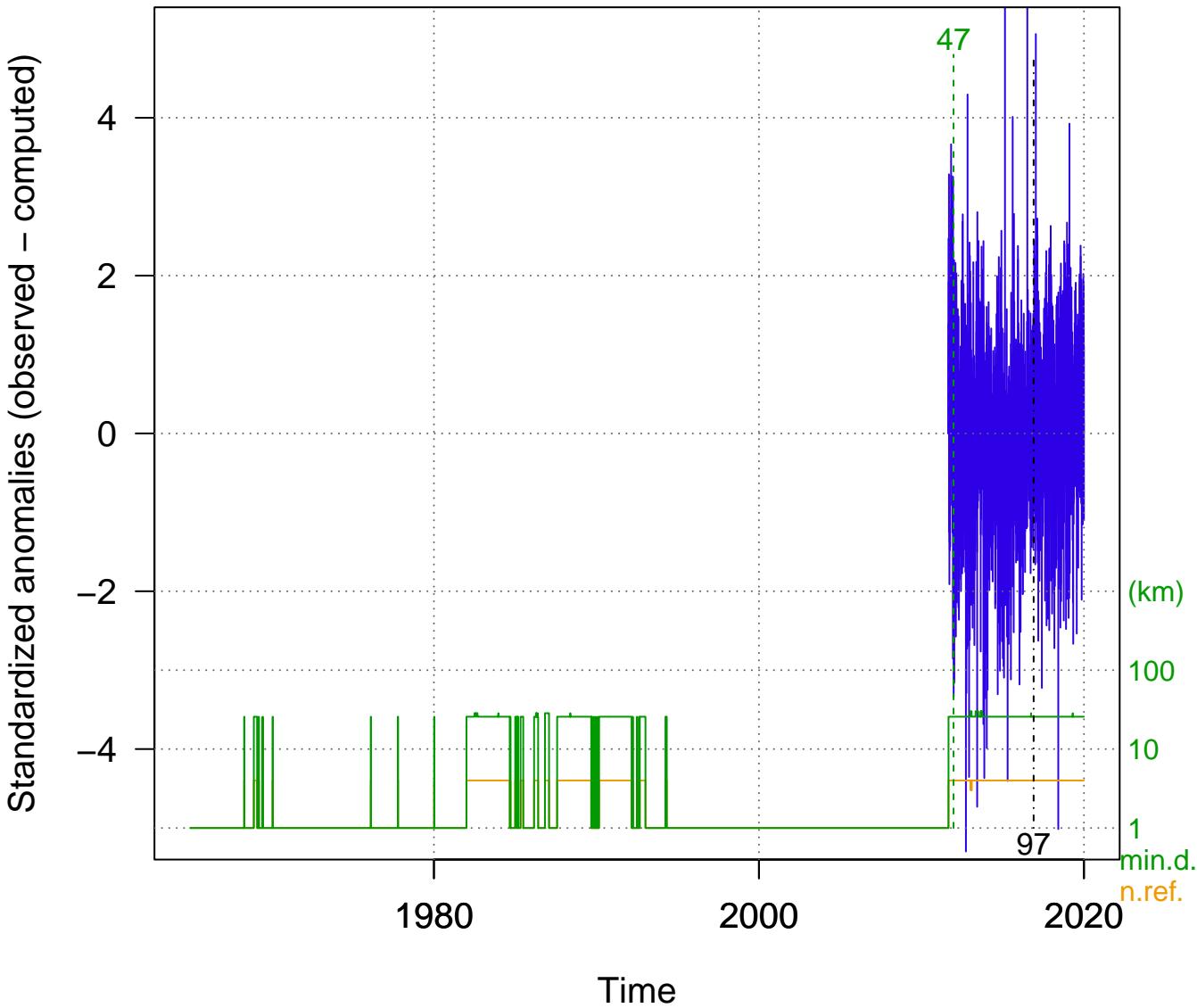


**tmax 22 (ho00000779–6)**  
**LAMPA–6**

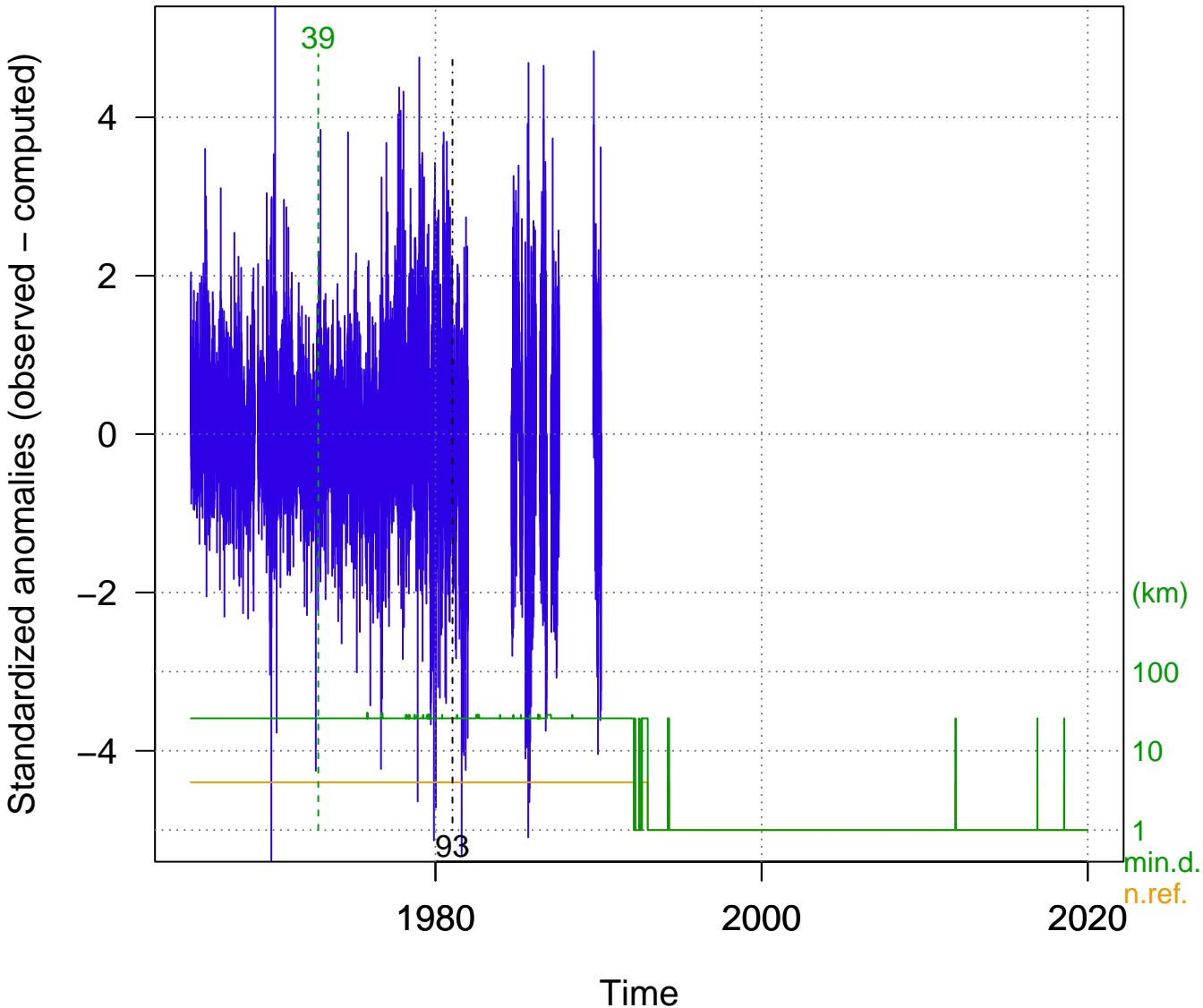


tmax 4 (ho00000781)

AZANGARO

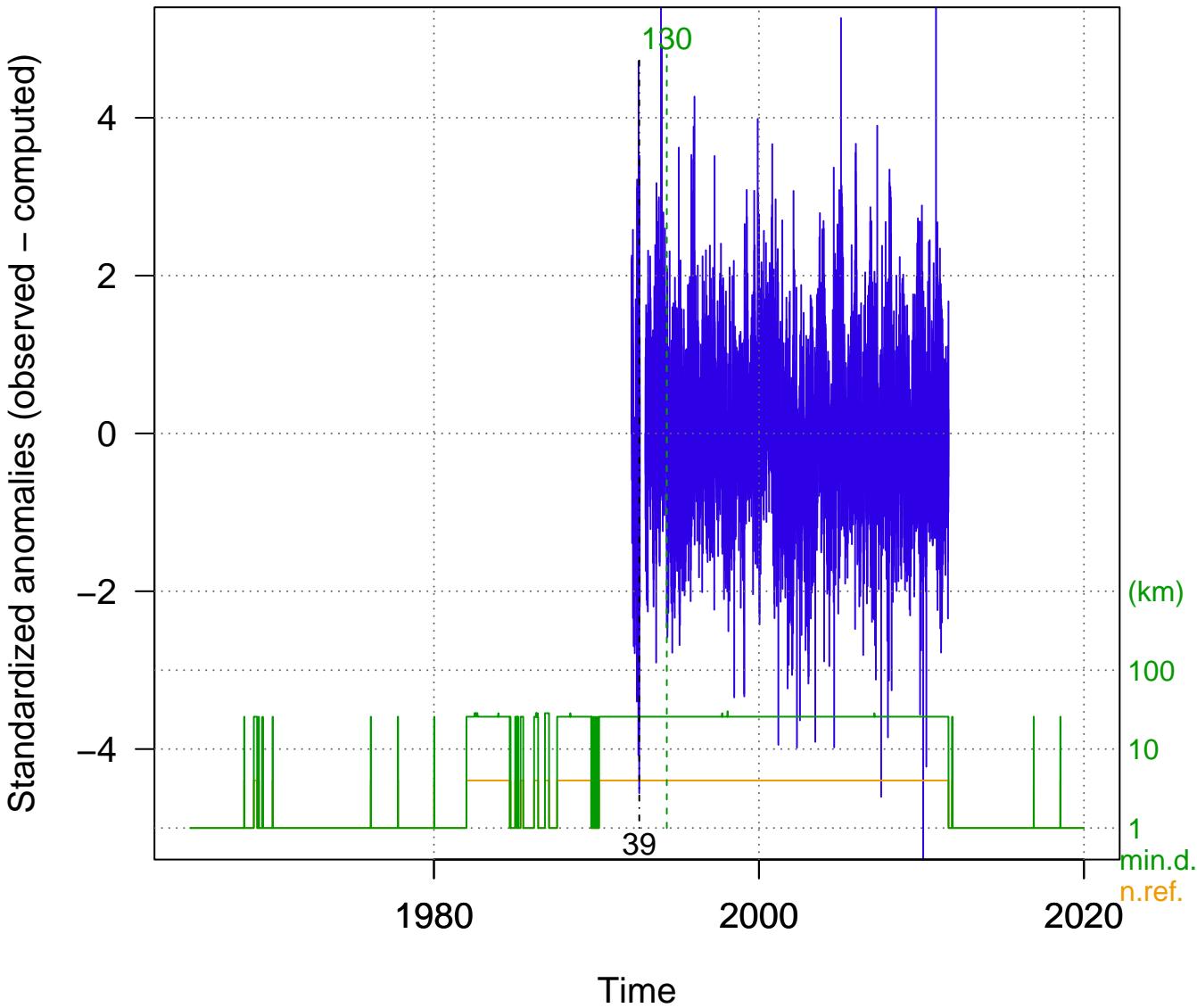


tmax 23 (ho00000781-2)  
AZANGARO-2



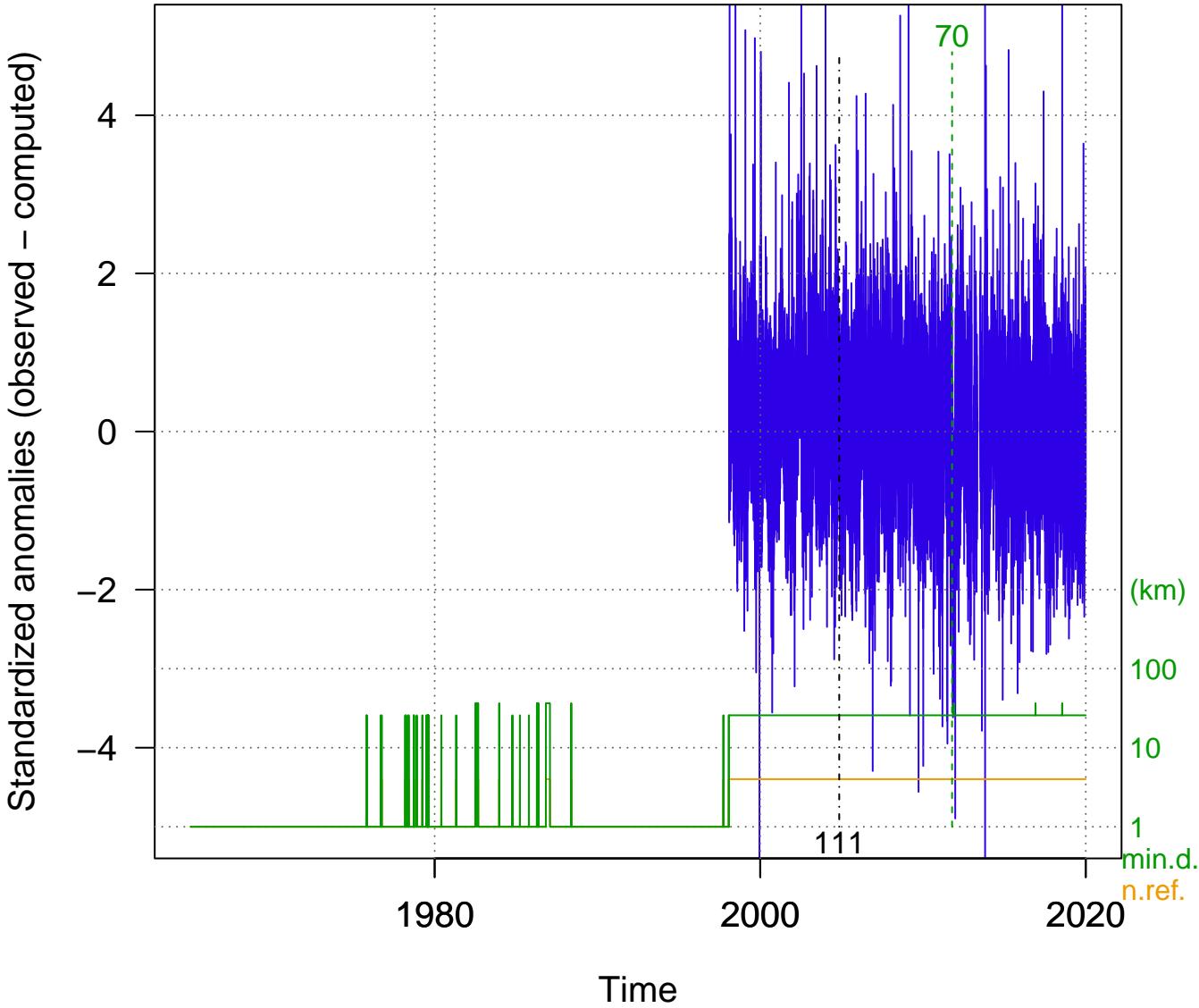
tmax 24 (ho00000781-3)

AZANGARO-3

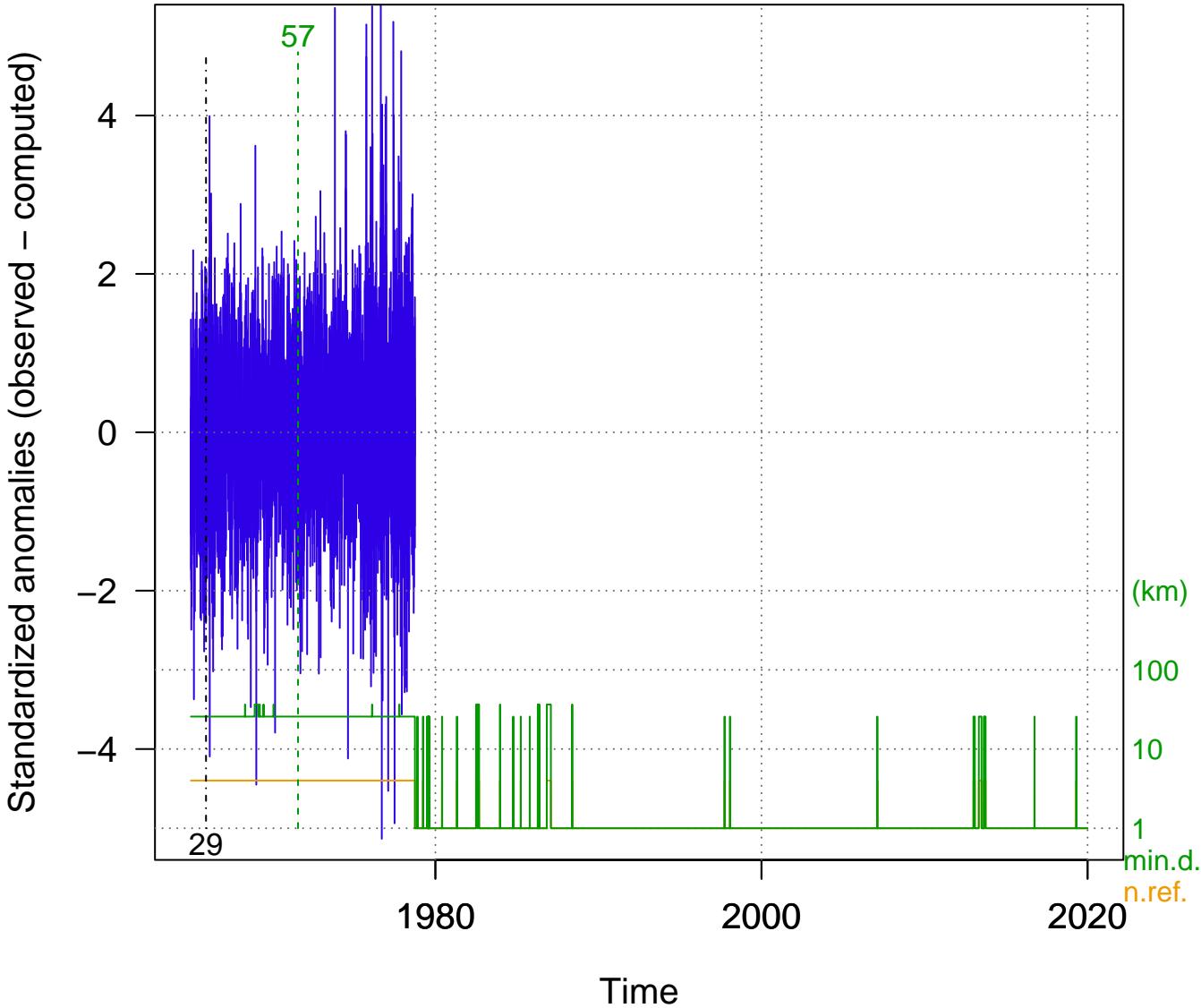


tmax 5 (ho00000783)

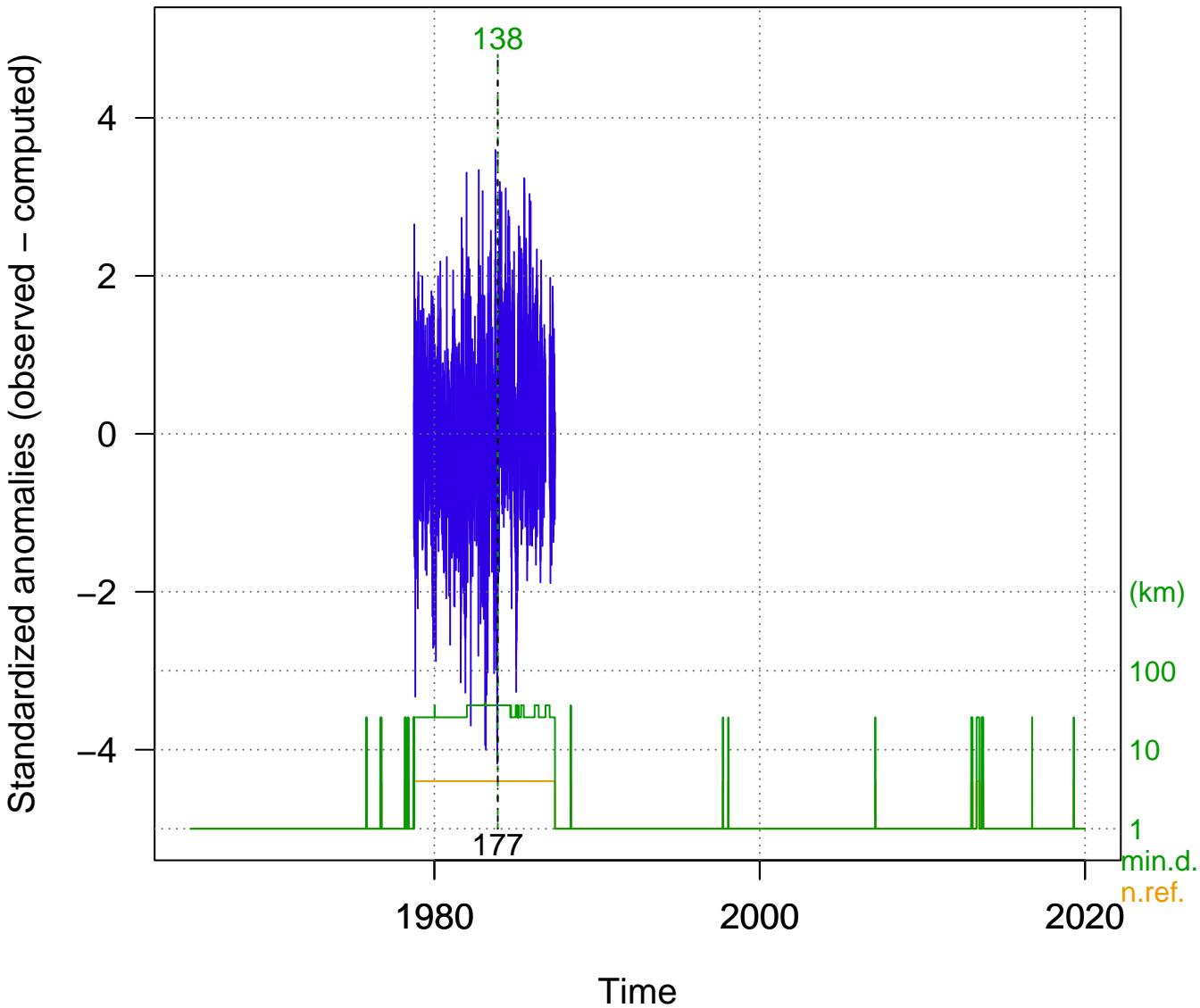
ARAPA



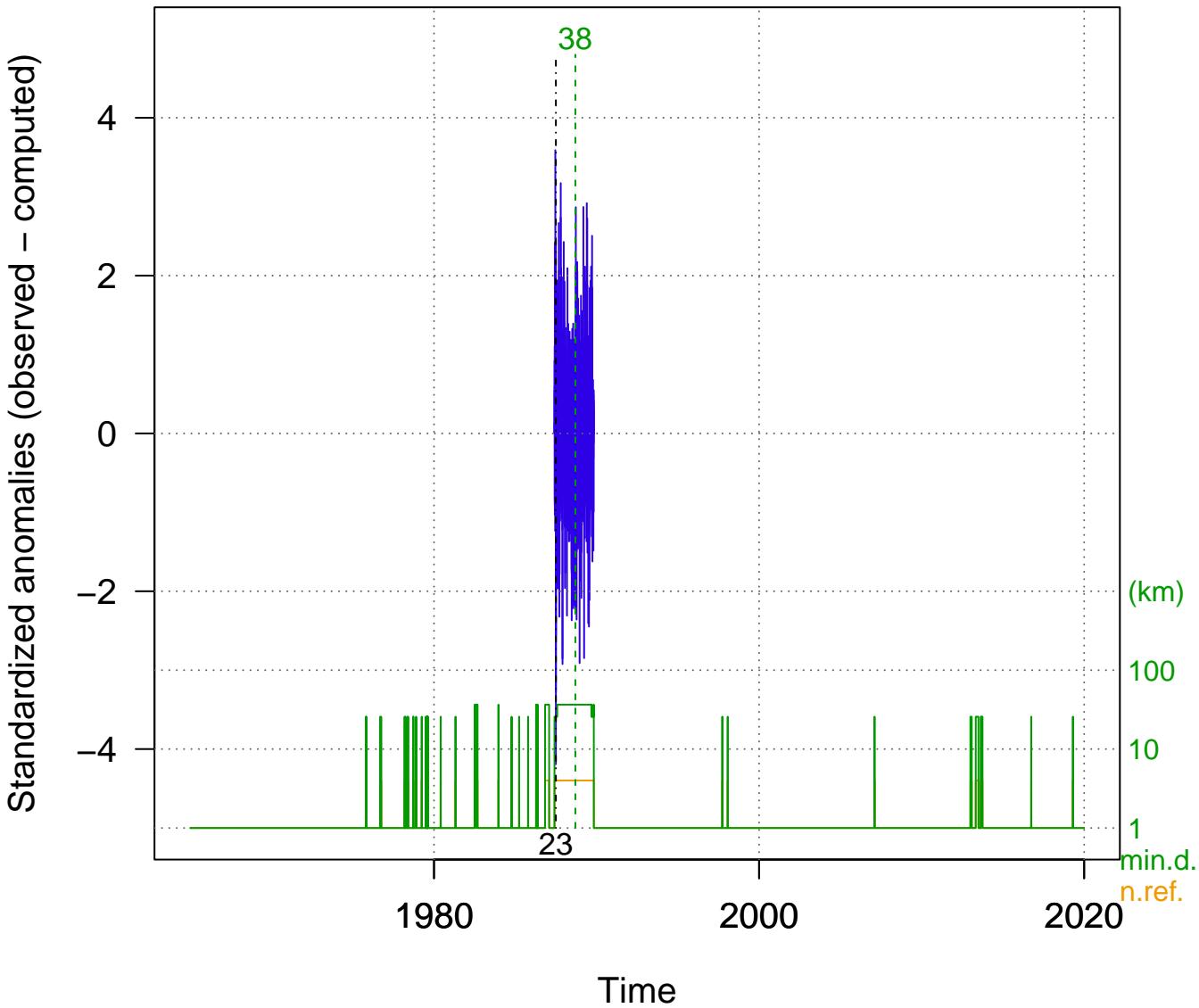
**tmax 25 (ho00000783-2)**  
**ARAPA-2**



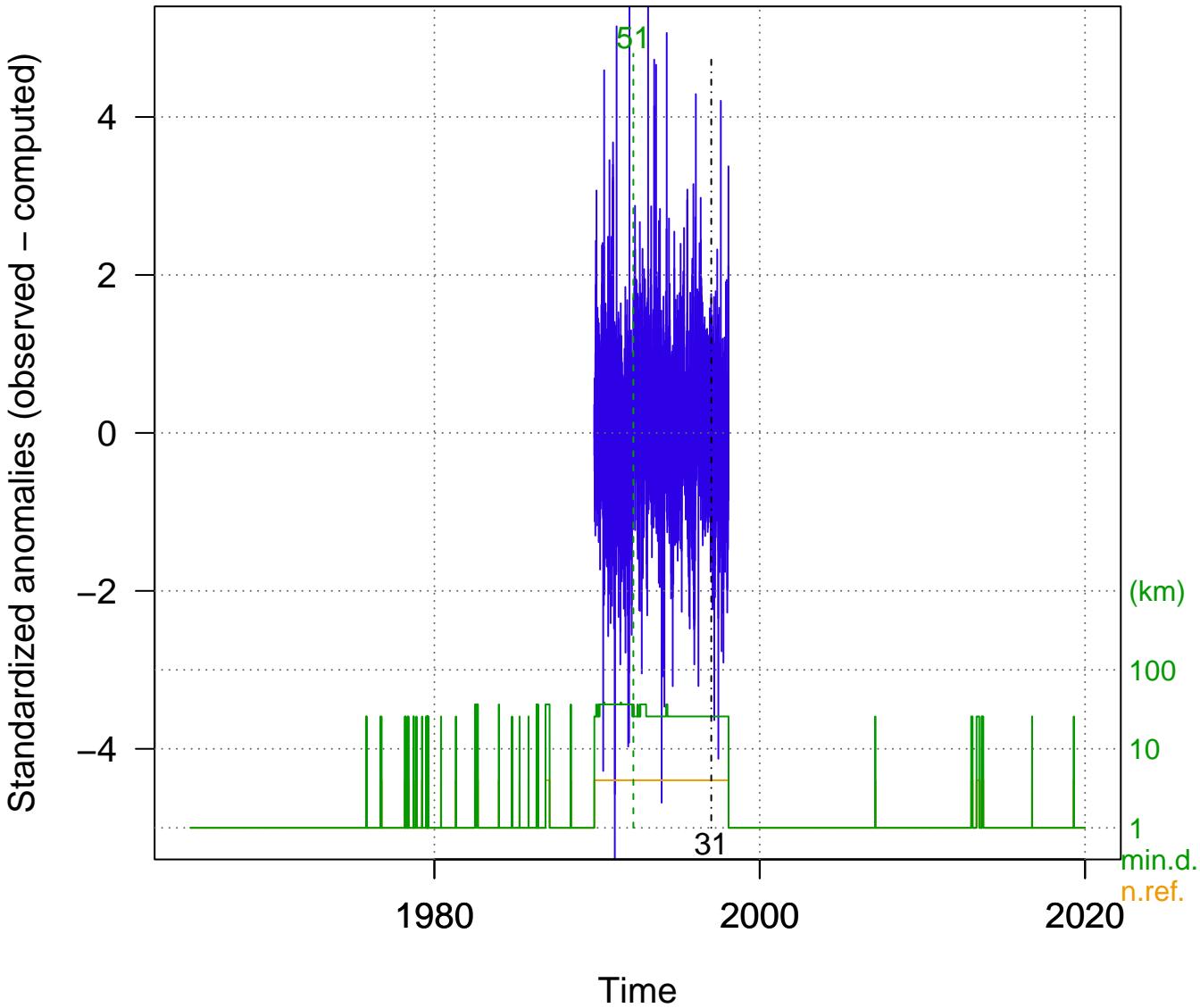
**tmax 26 (ho00000783–3)**  
**ARAPA–3**



**tmax 27 (ho00000783-4)**  
**ARAPA-4**

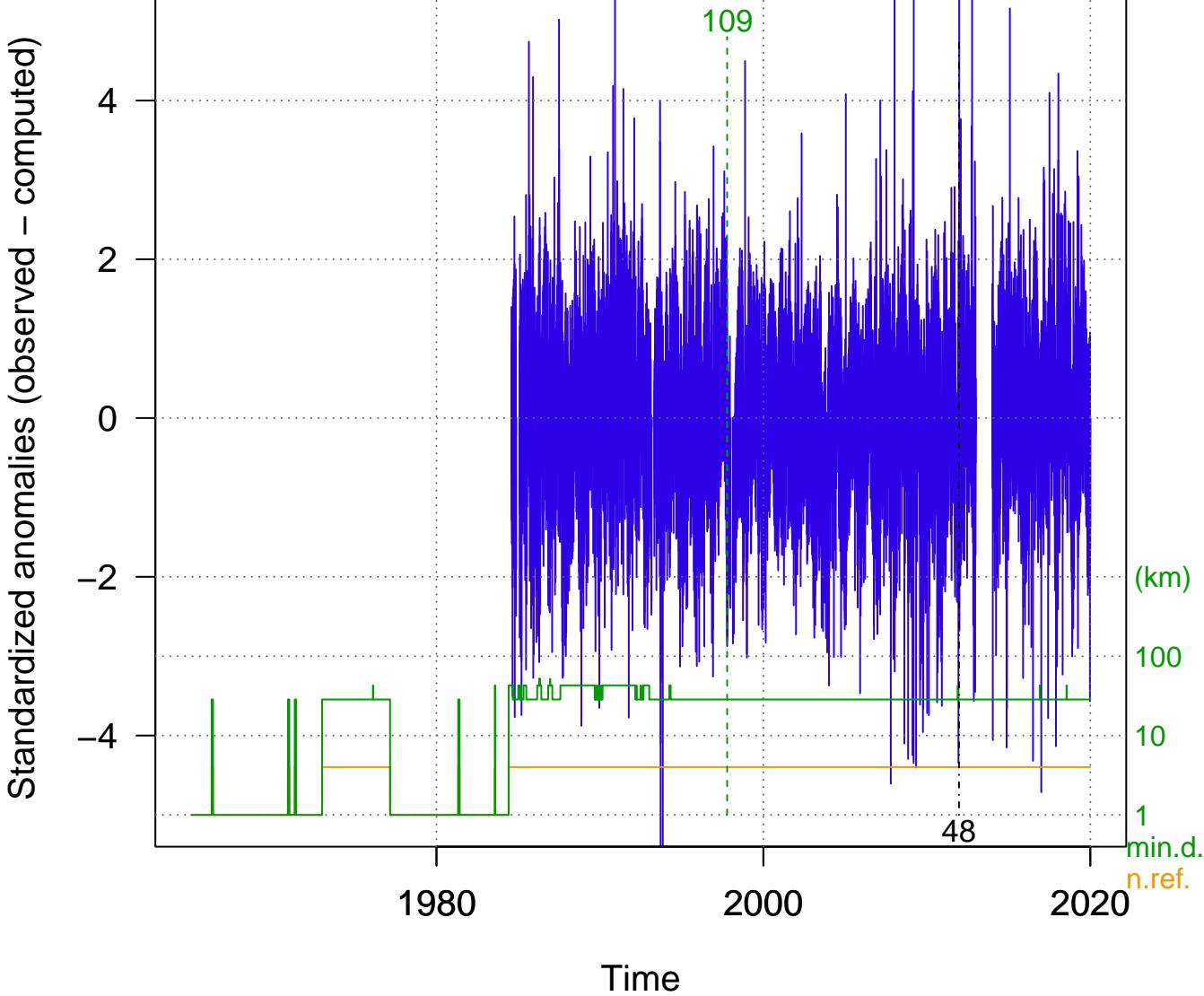


**tmax 28 (ho00000783–5)**  
**ARAPA–5**

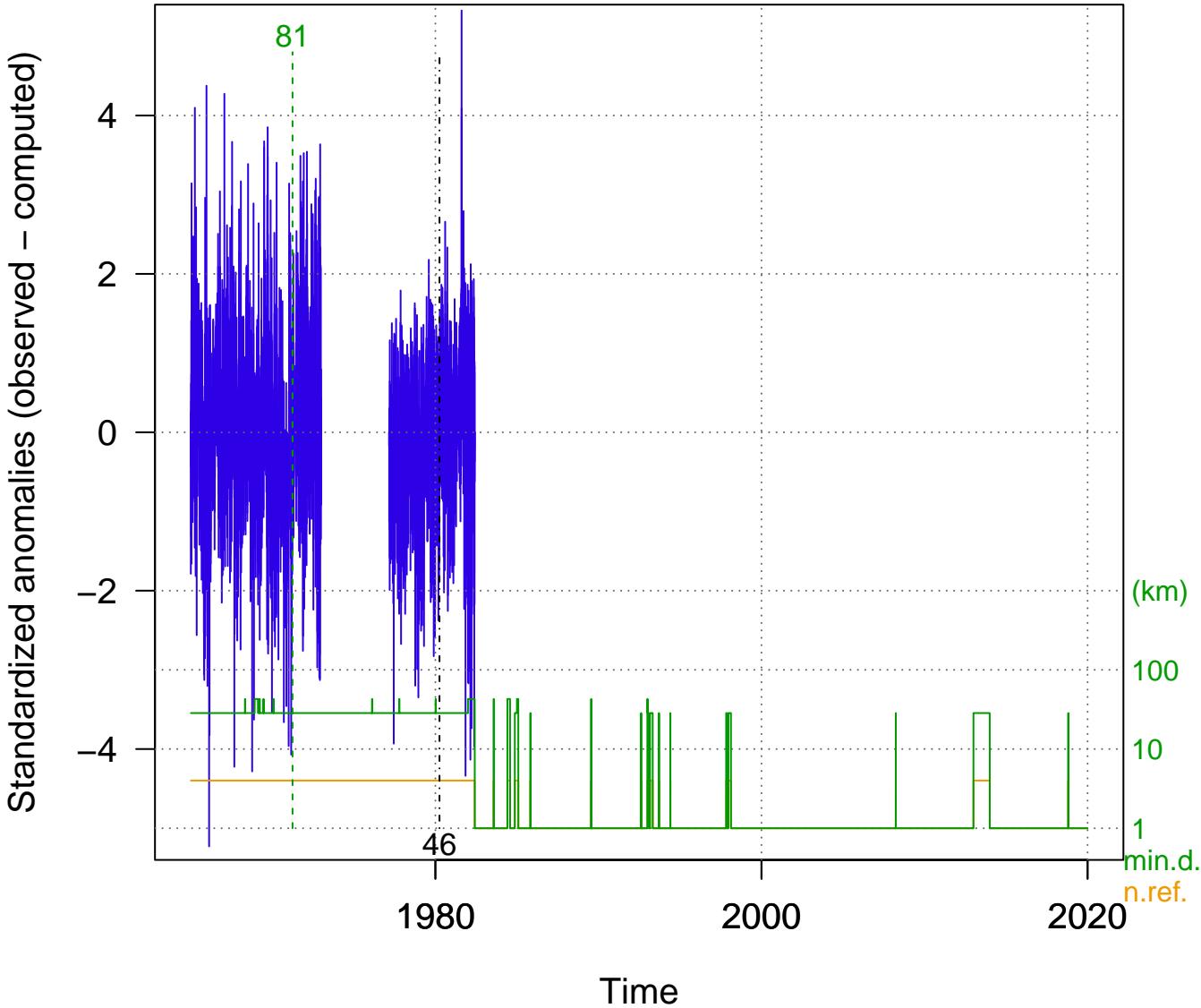


tmax 6 (ho00000785)

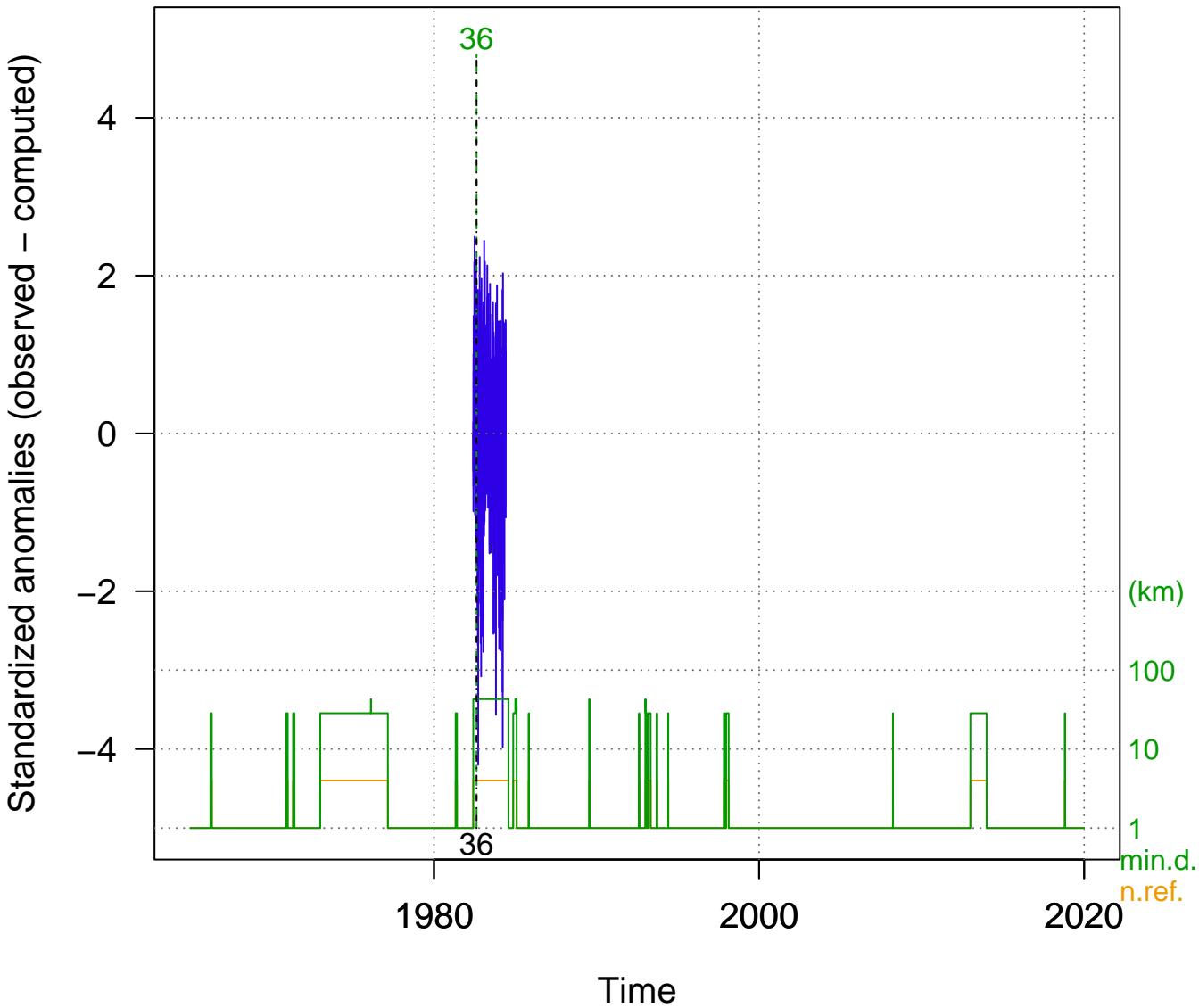
MUNANI



tmax 29 (ho00000785-2)  
**MUNANI-2**

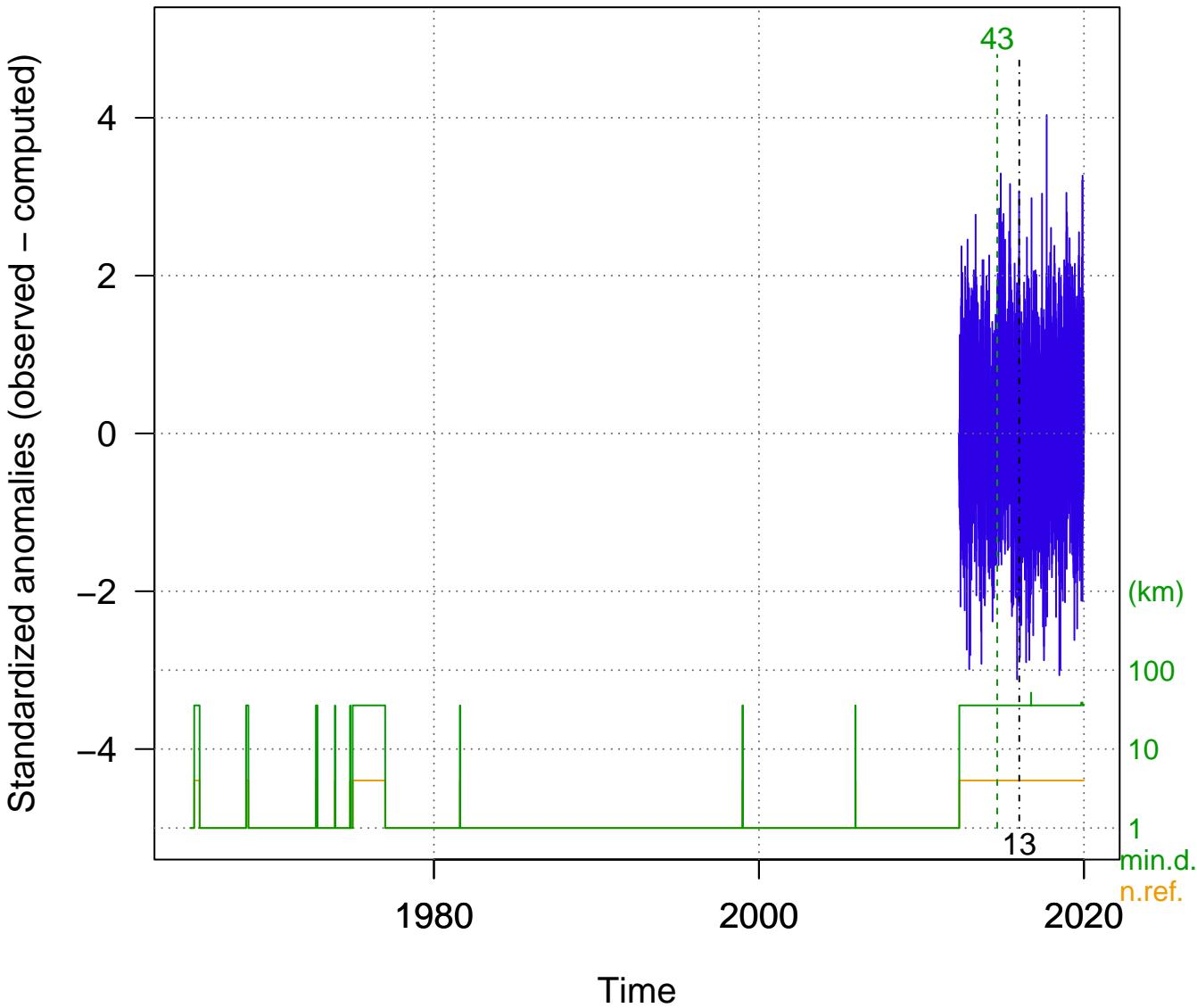


**tmax 30 (ho00000785–3)**  
**MUNANI–3**

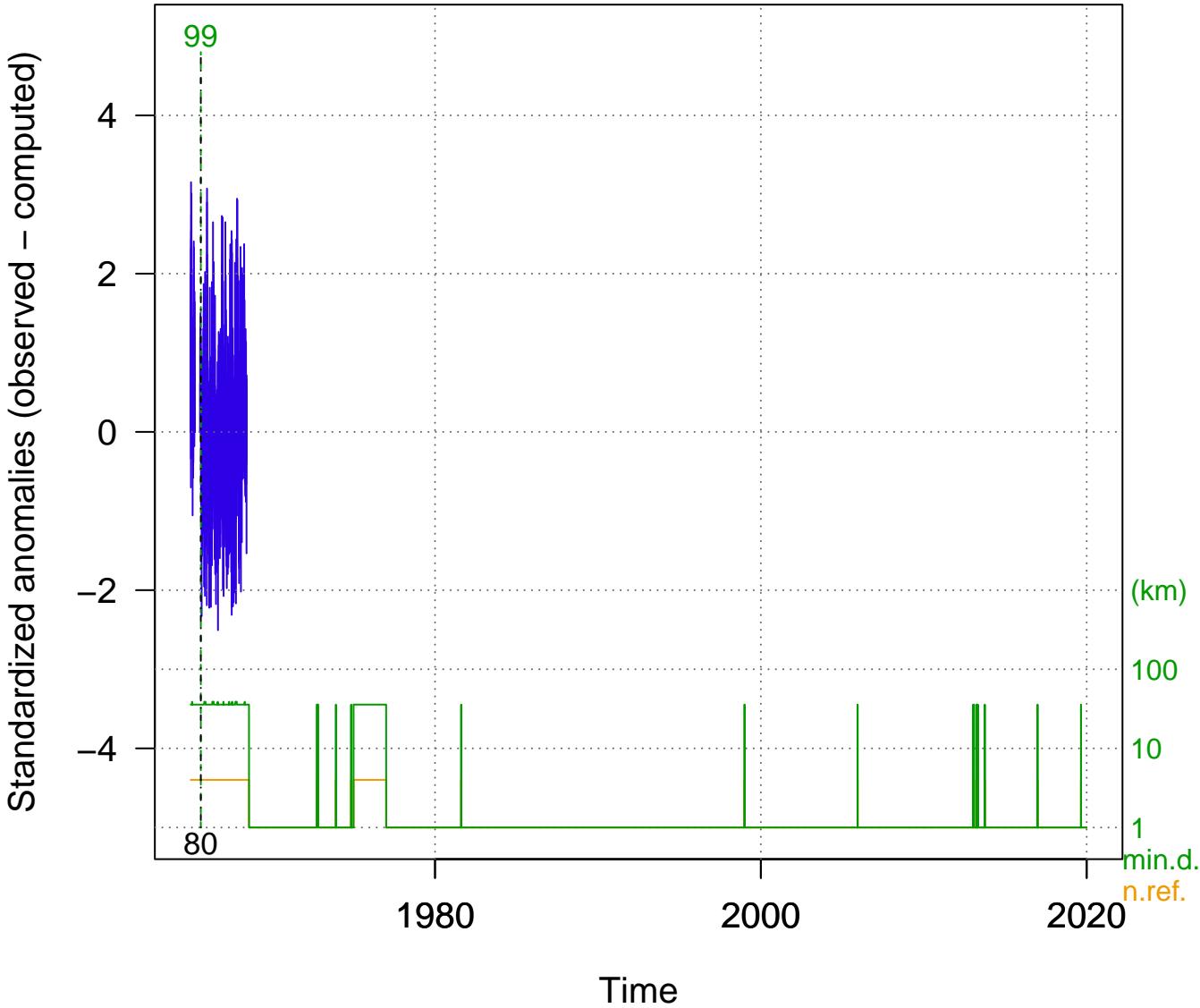


tmax 7 (ho00000786)

HUANCANE

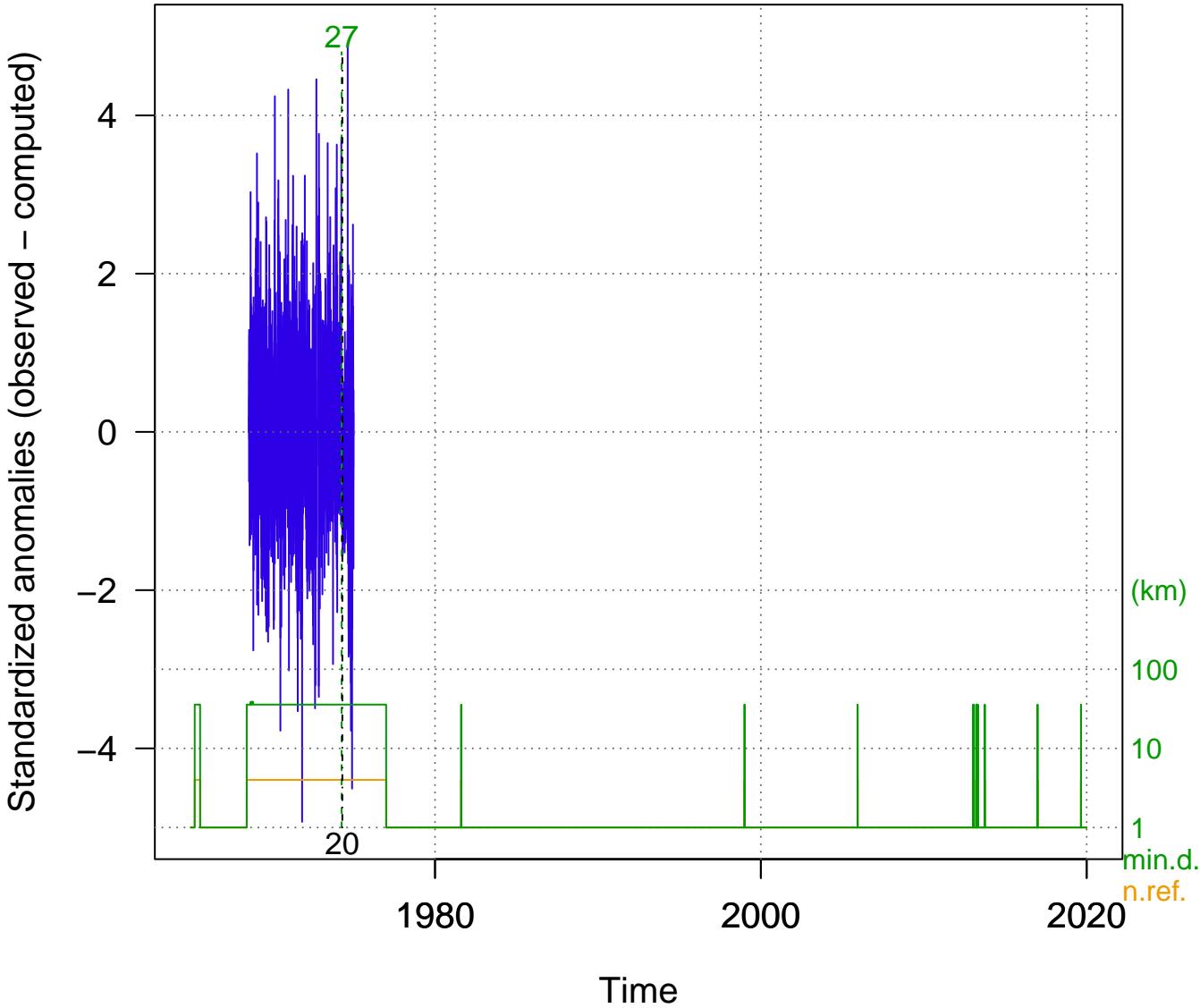


**tmax 31 (ho00000786-2)**  
**HUANCANE-2**

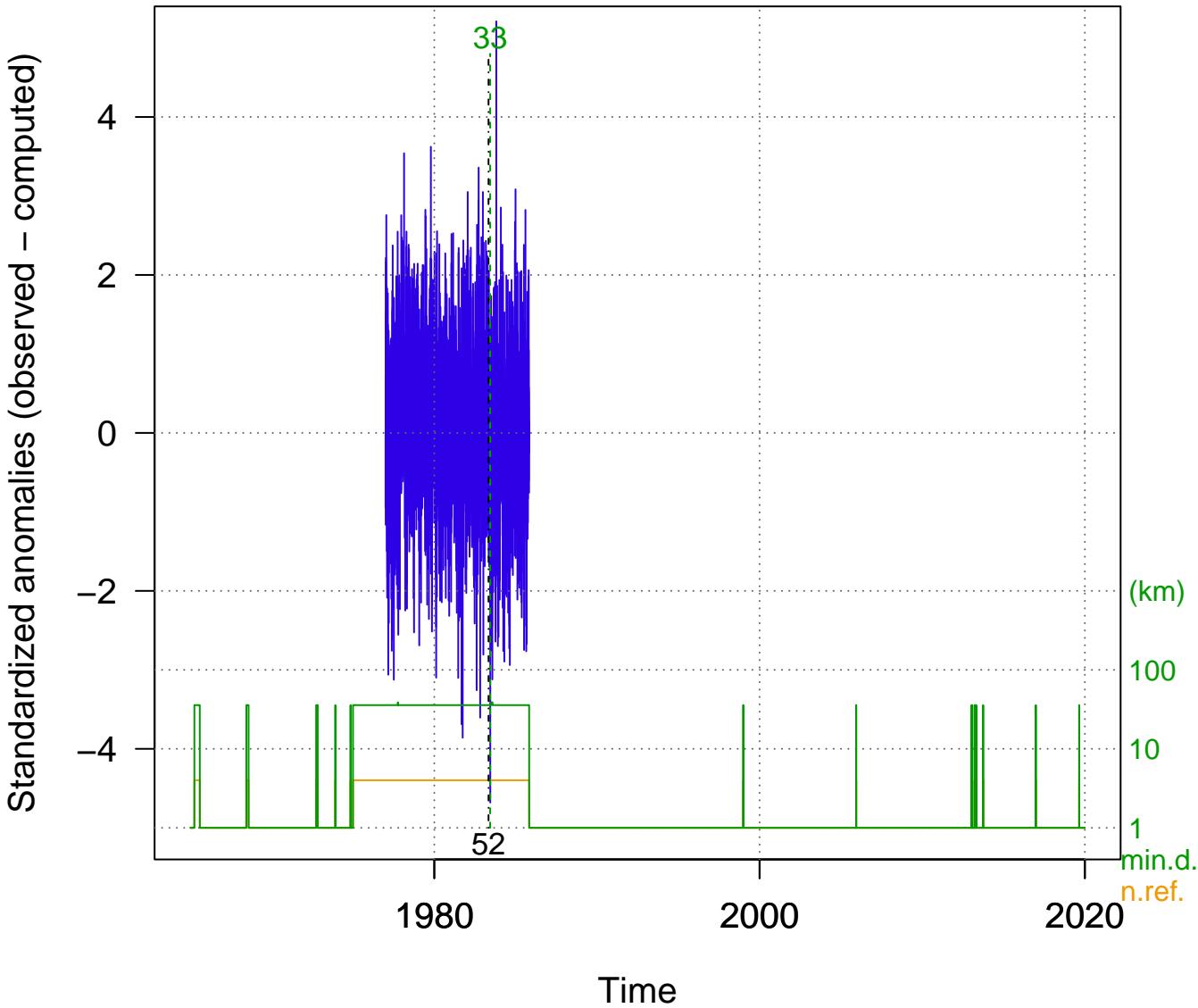


tmax 32 (ho00000786-3)

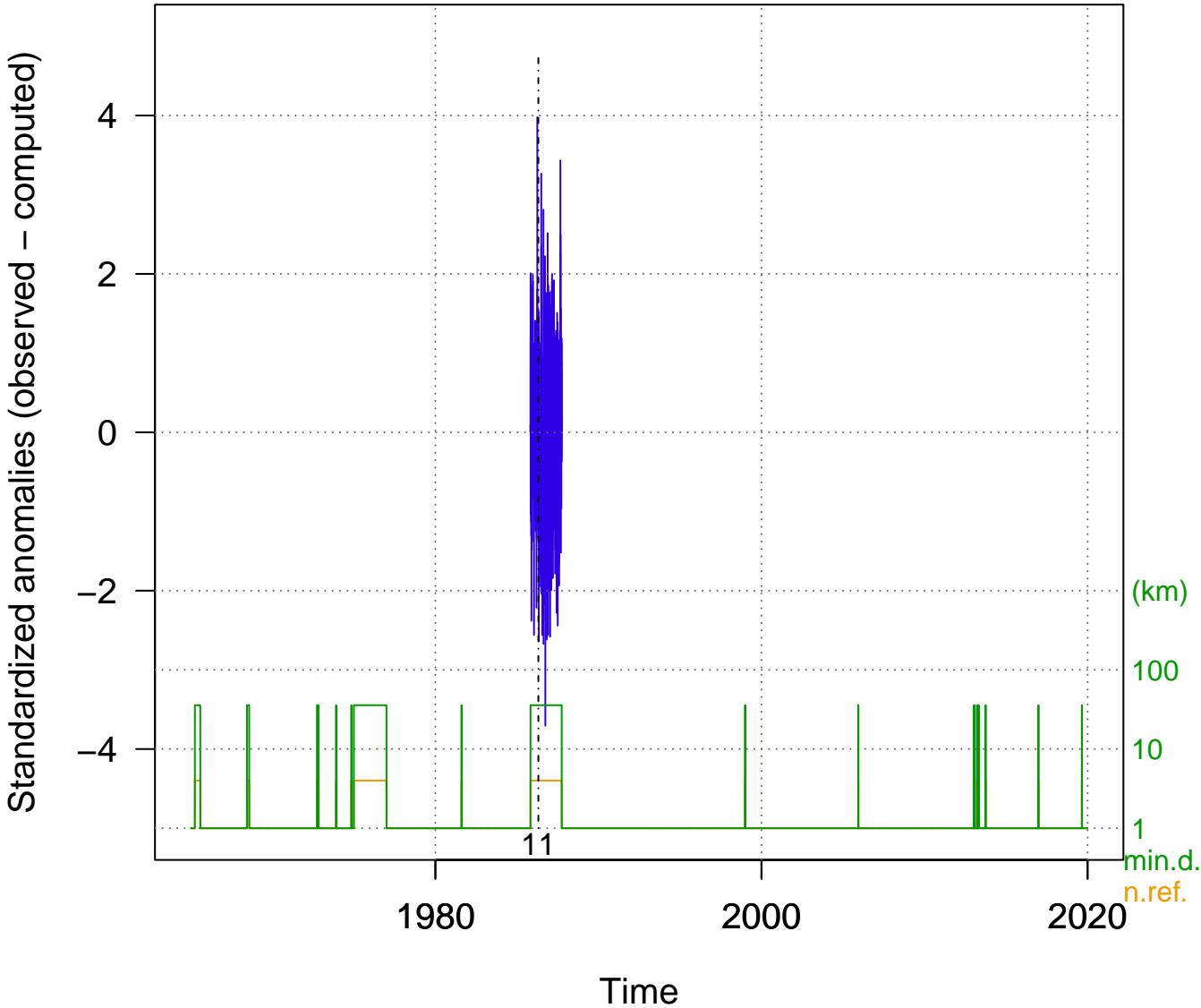
HUANCANE-3



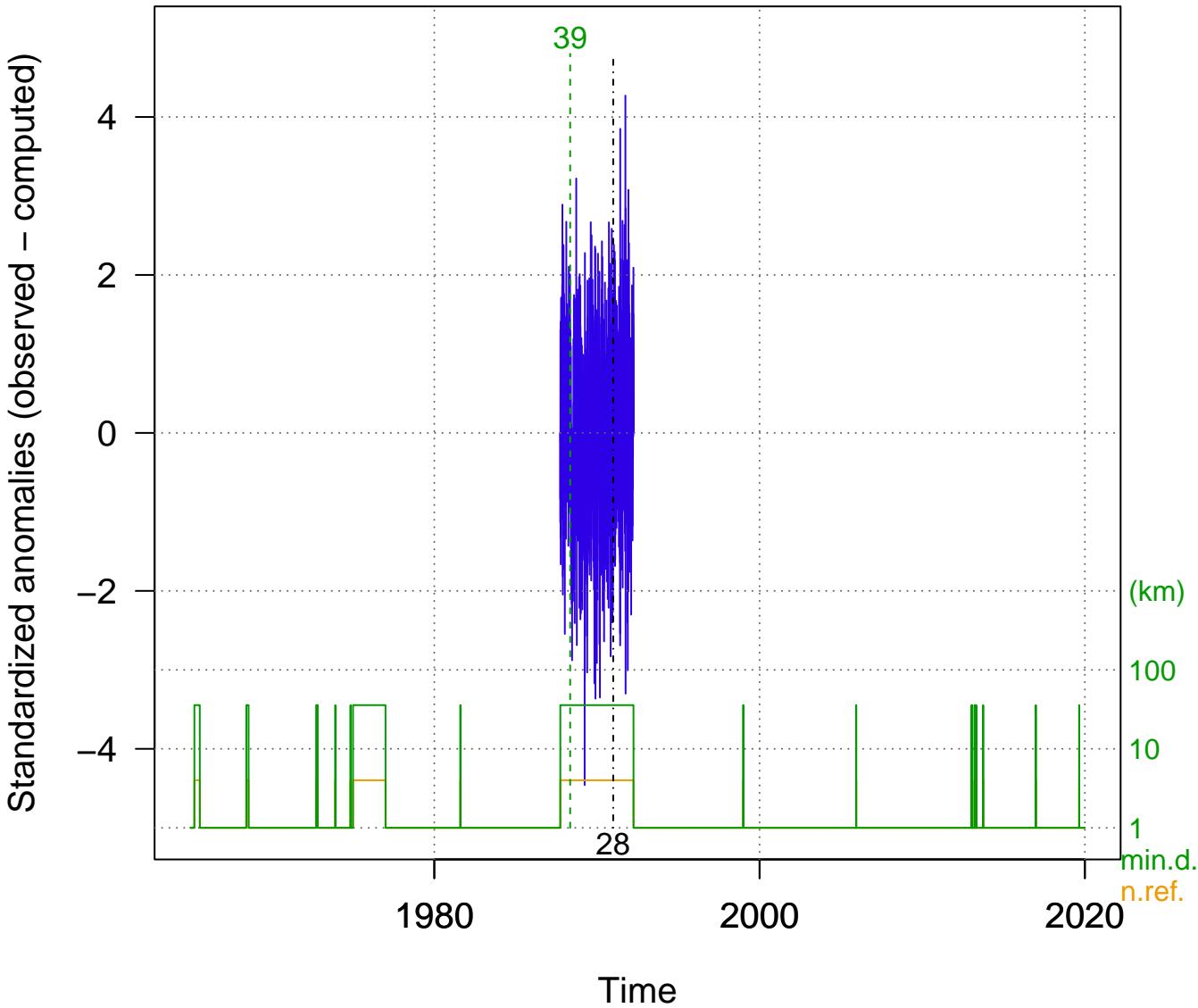
**tmax 33 (ho00000786-4)**  
**HUANCANE-4**



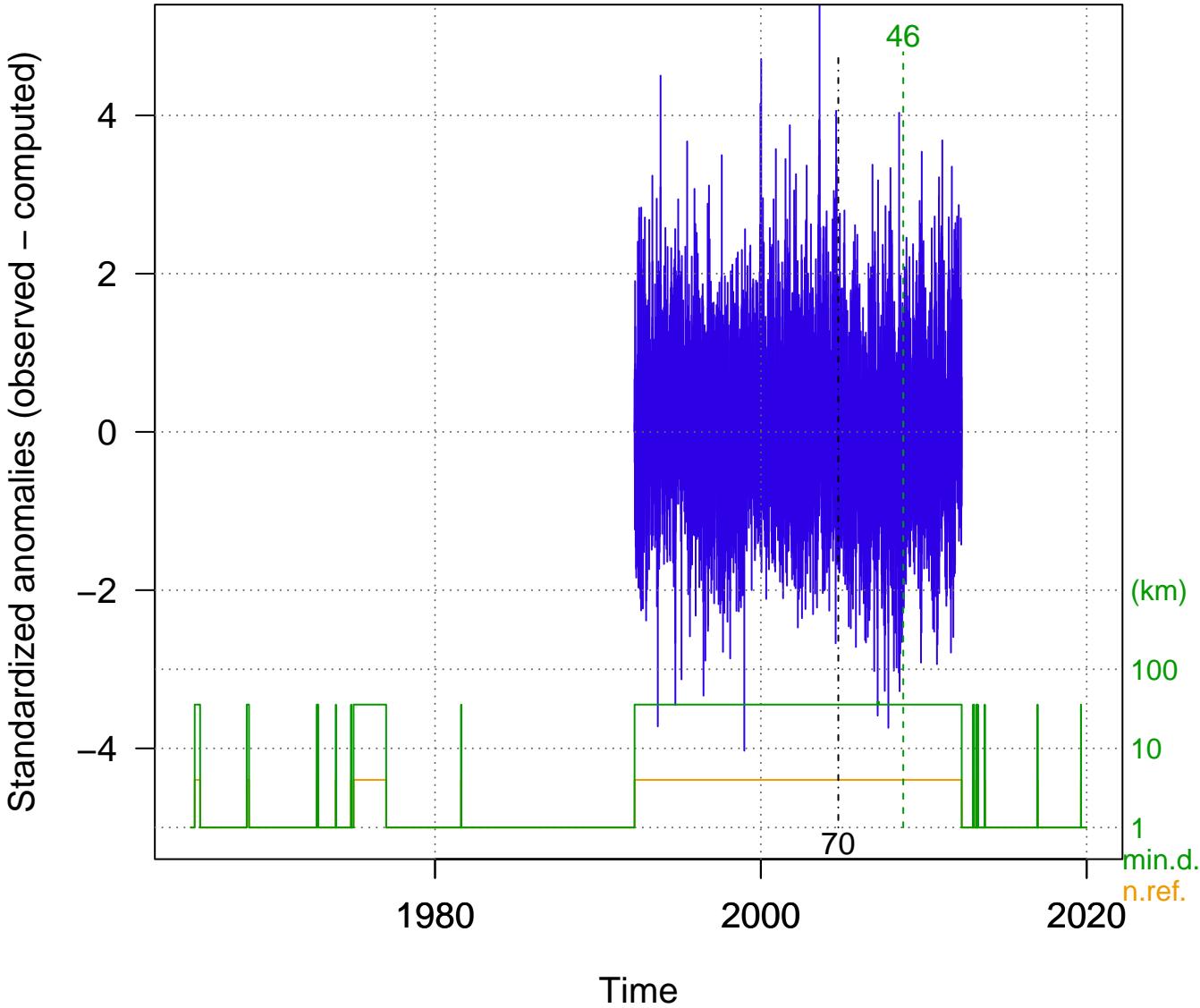
**tmax 34 (ho00000786-5)**  
**HUANCANE-5**



**tmax 35 (ho00000786-6)**  
**HUANCANE-6**

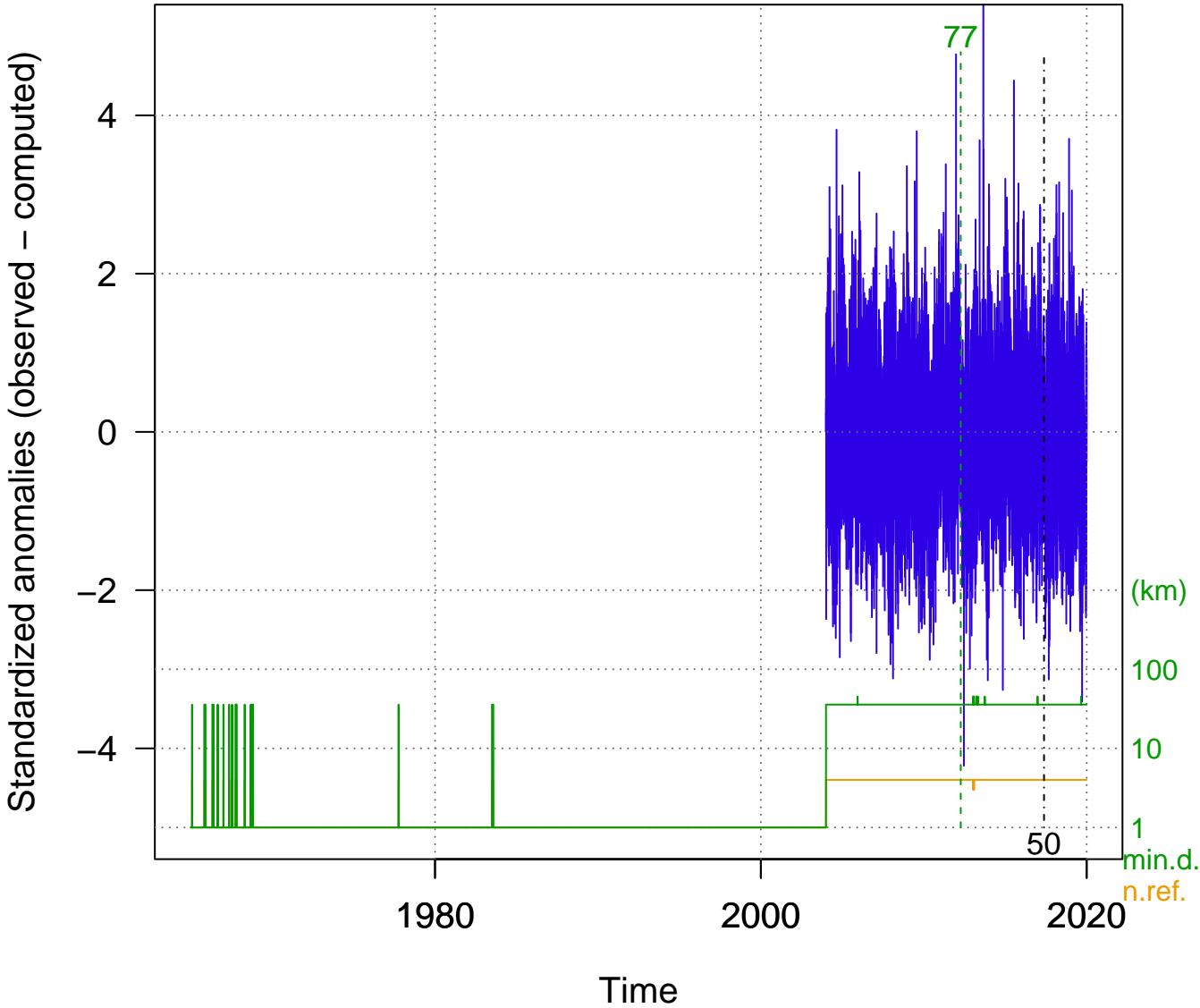


**tmax 36 (ho00000786-7)**  
**HUANCANE-7**

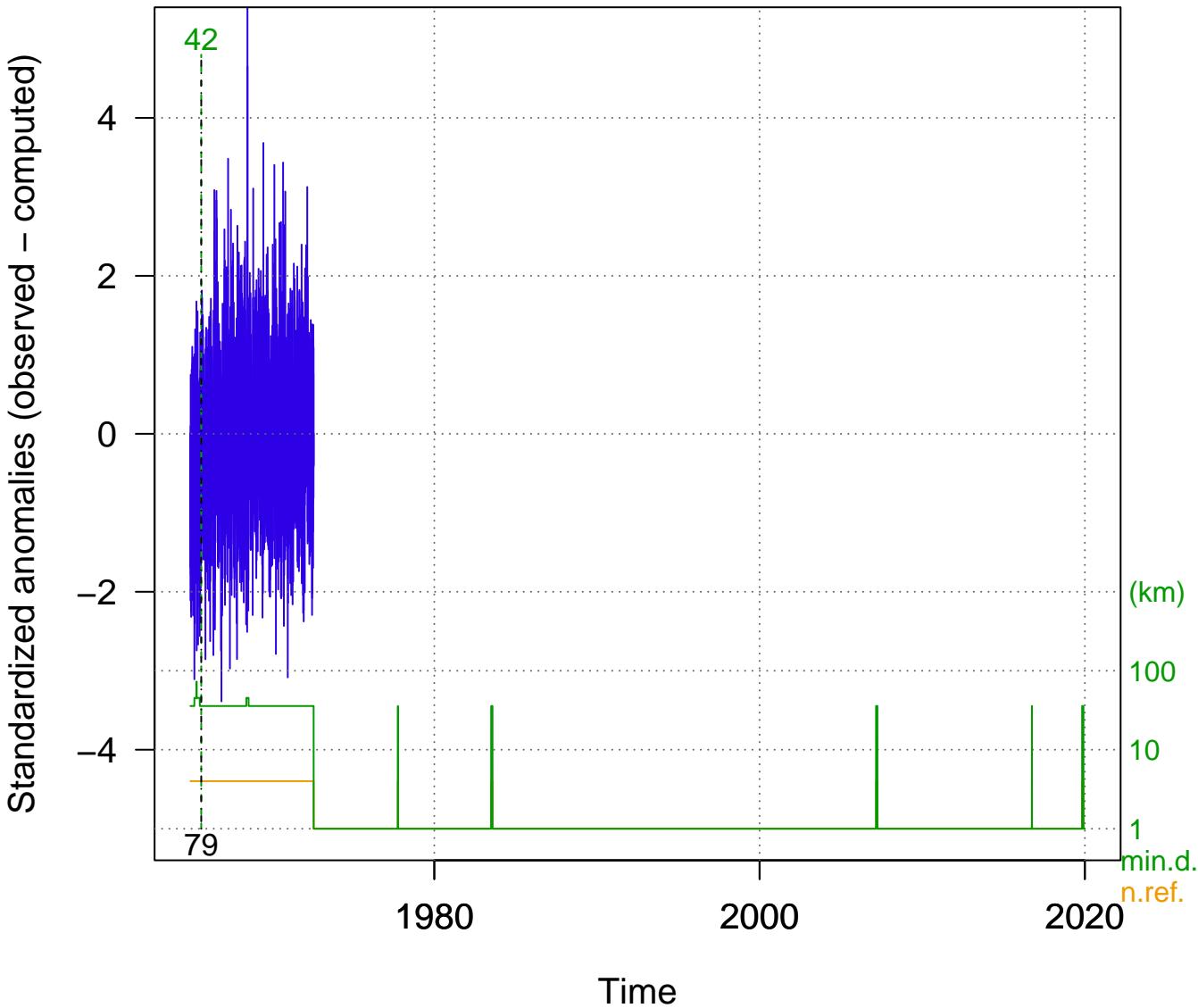


tmax 8 (ho00000787)

HUARAYAMOHO

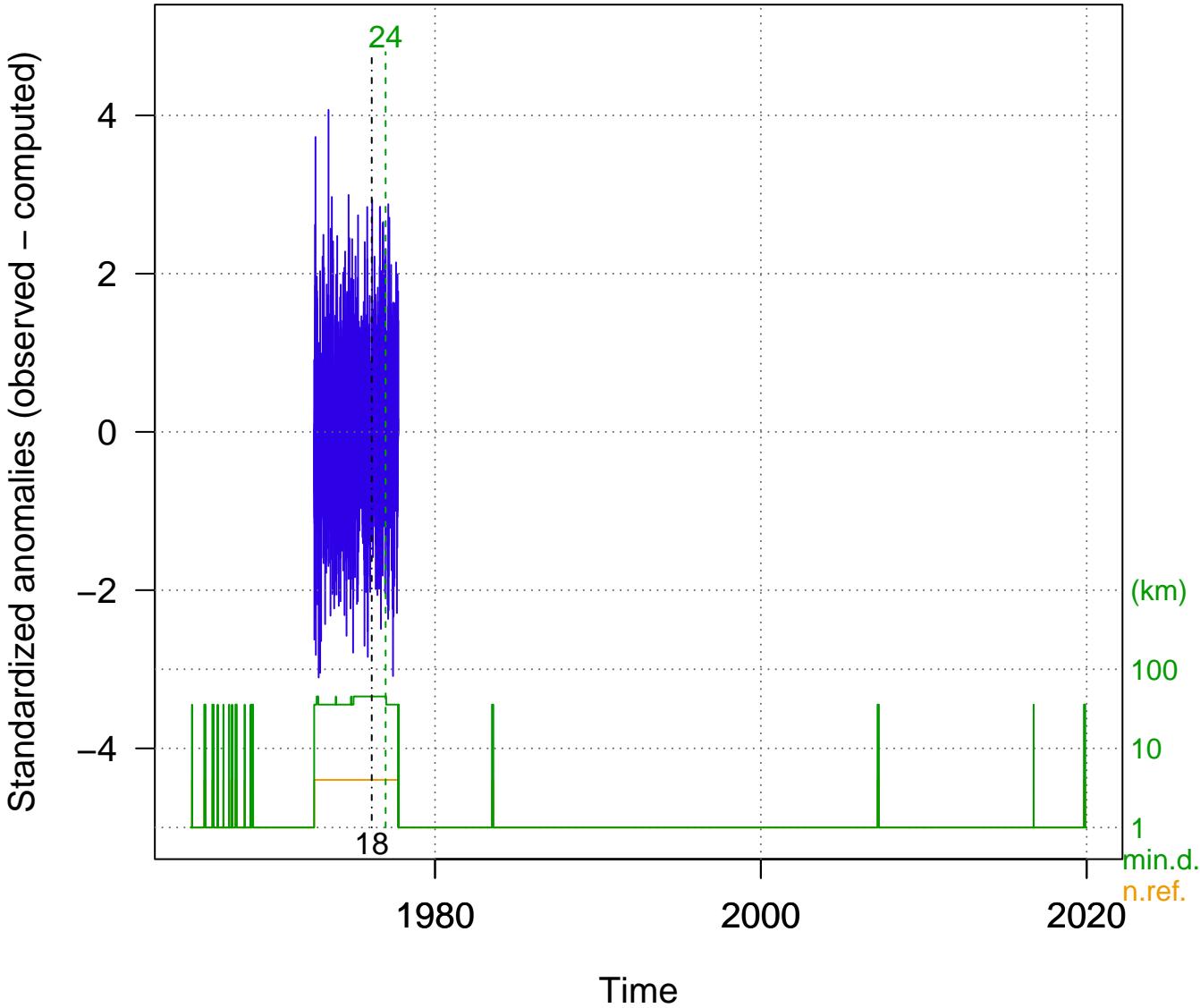


tmax 37 (ho00000787-2)  
HUARAYAMOHO-2



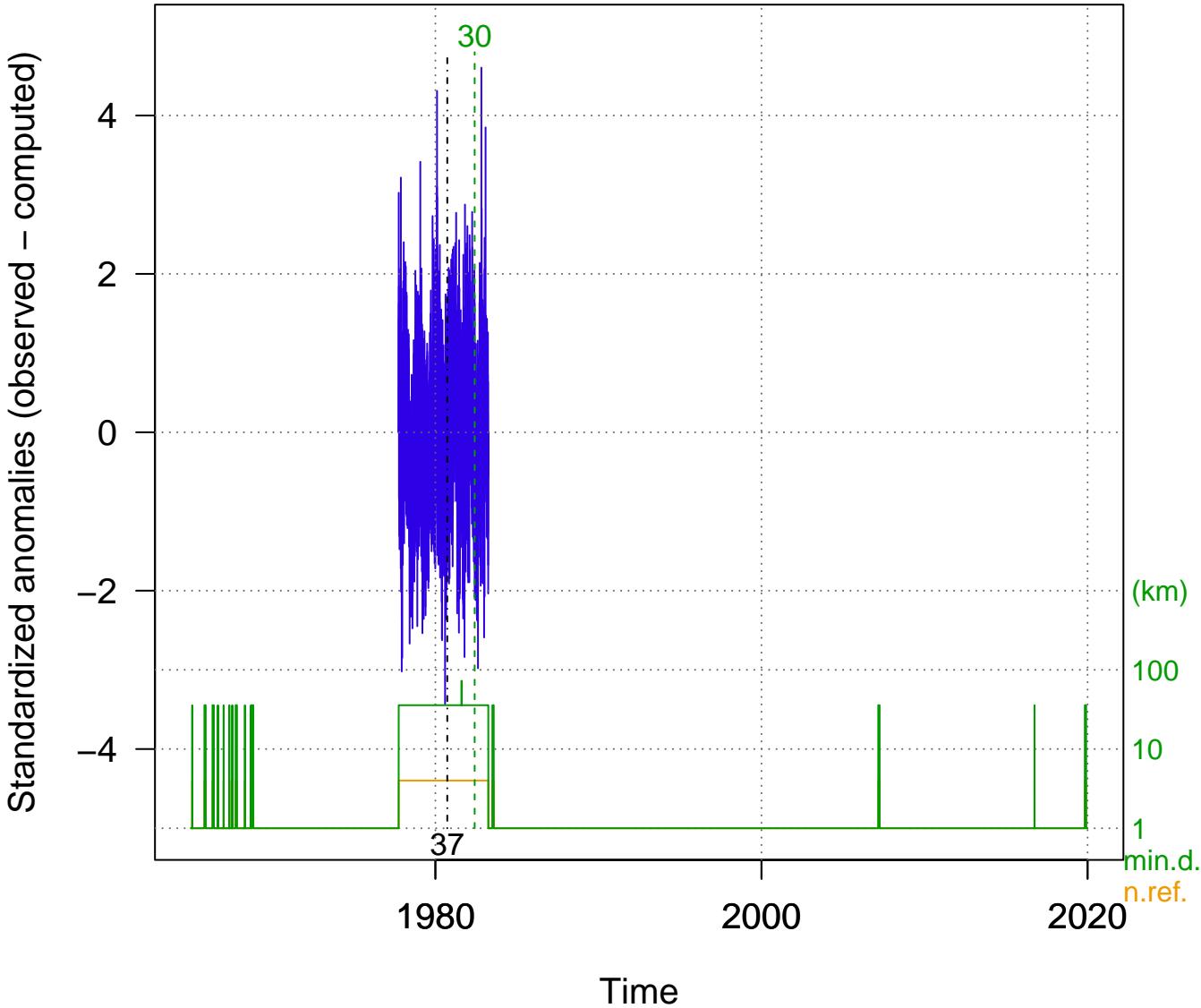
tmax 38 (ho00000787-3)

HUARAYAMOHO-3

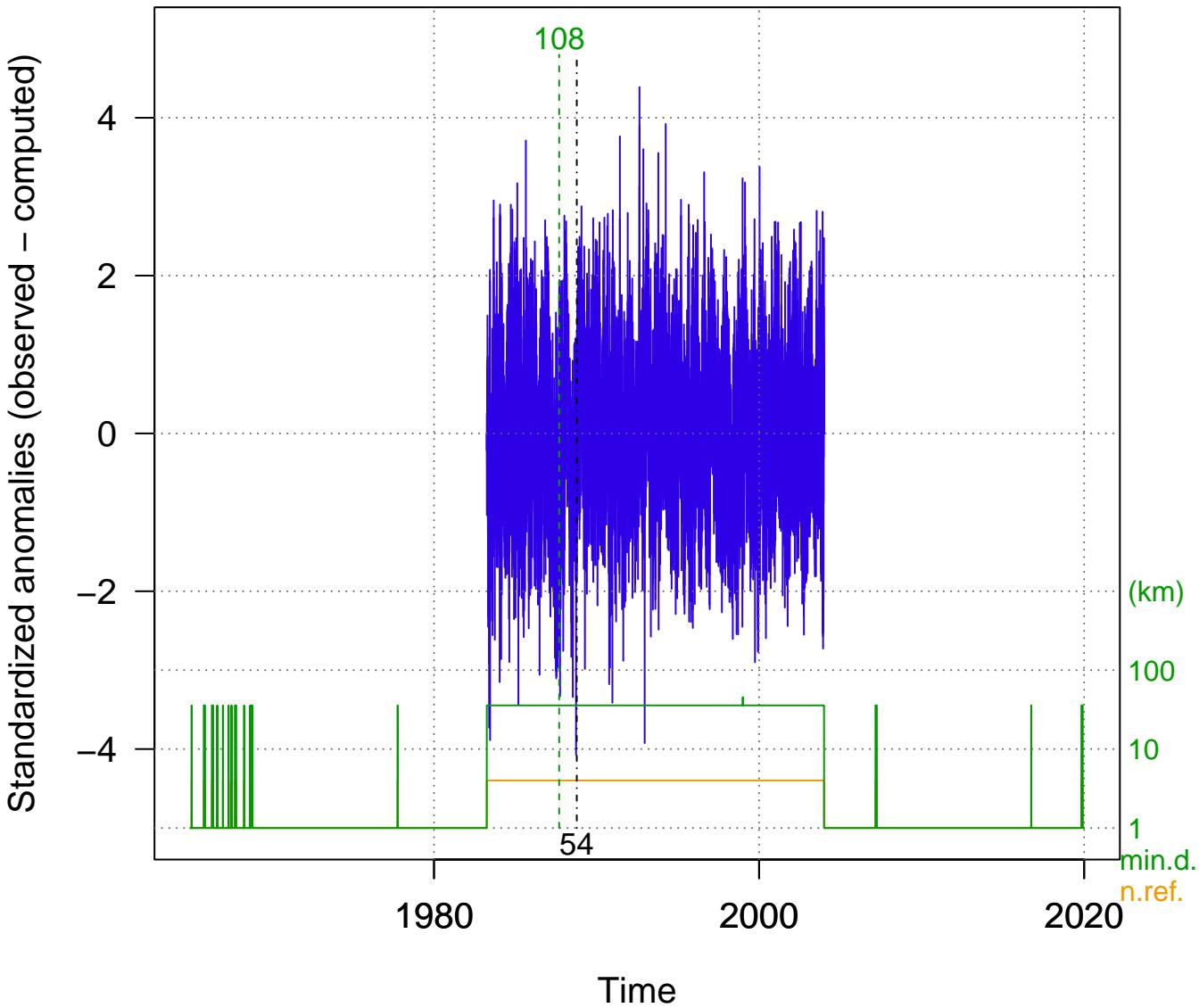


tmax 39 (ho00000787-4)

HUARAYAMOHO-4

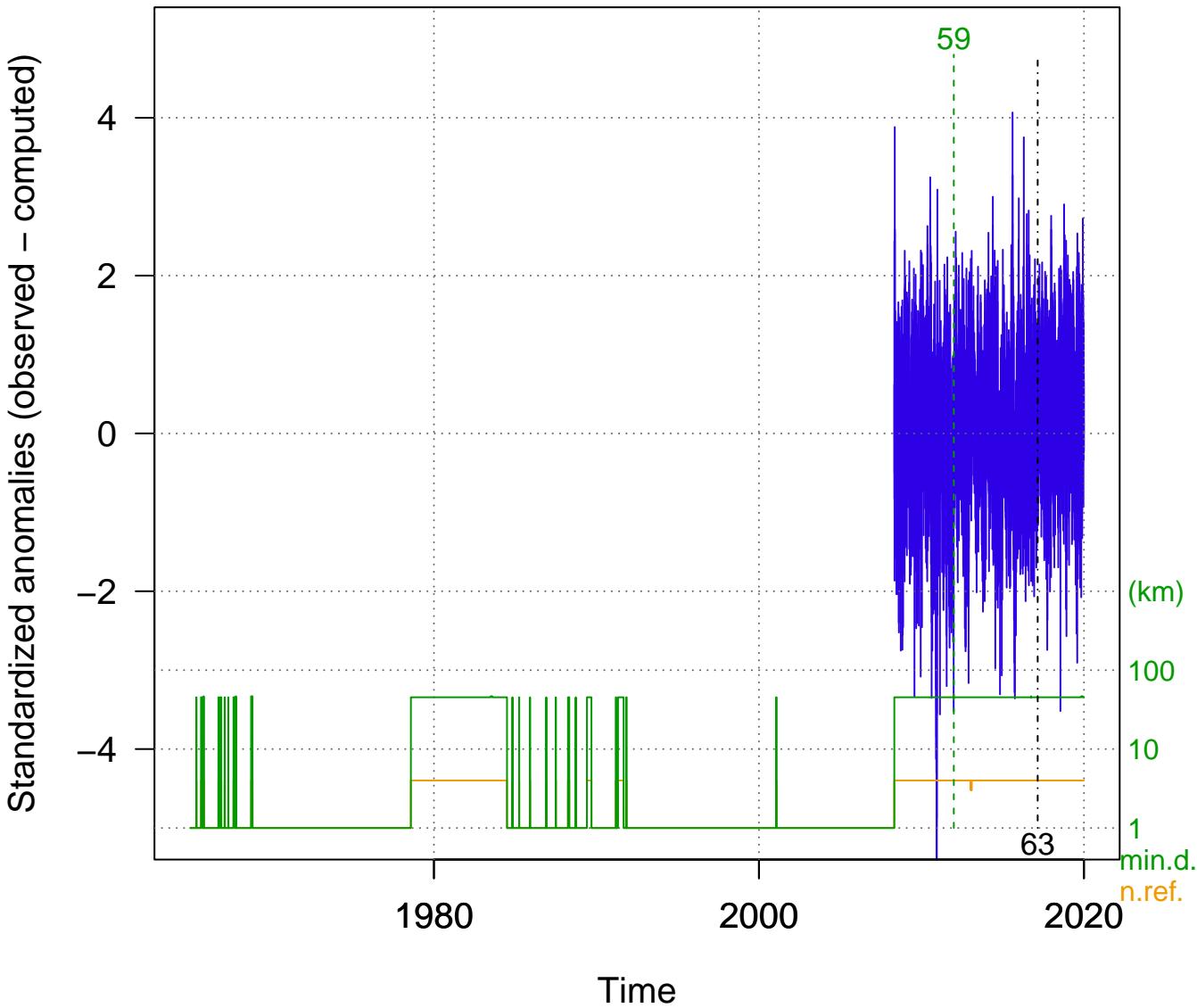


tmax 40 (ho00000787-5)  
HUARAYAMOHO-5



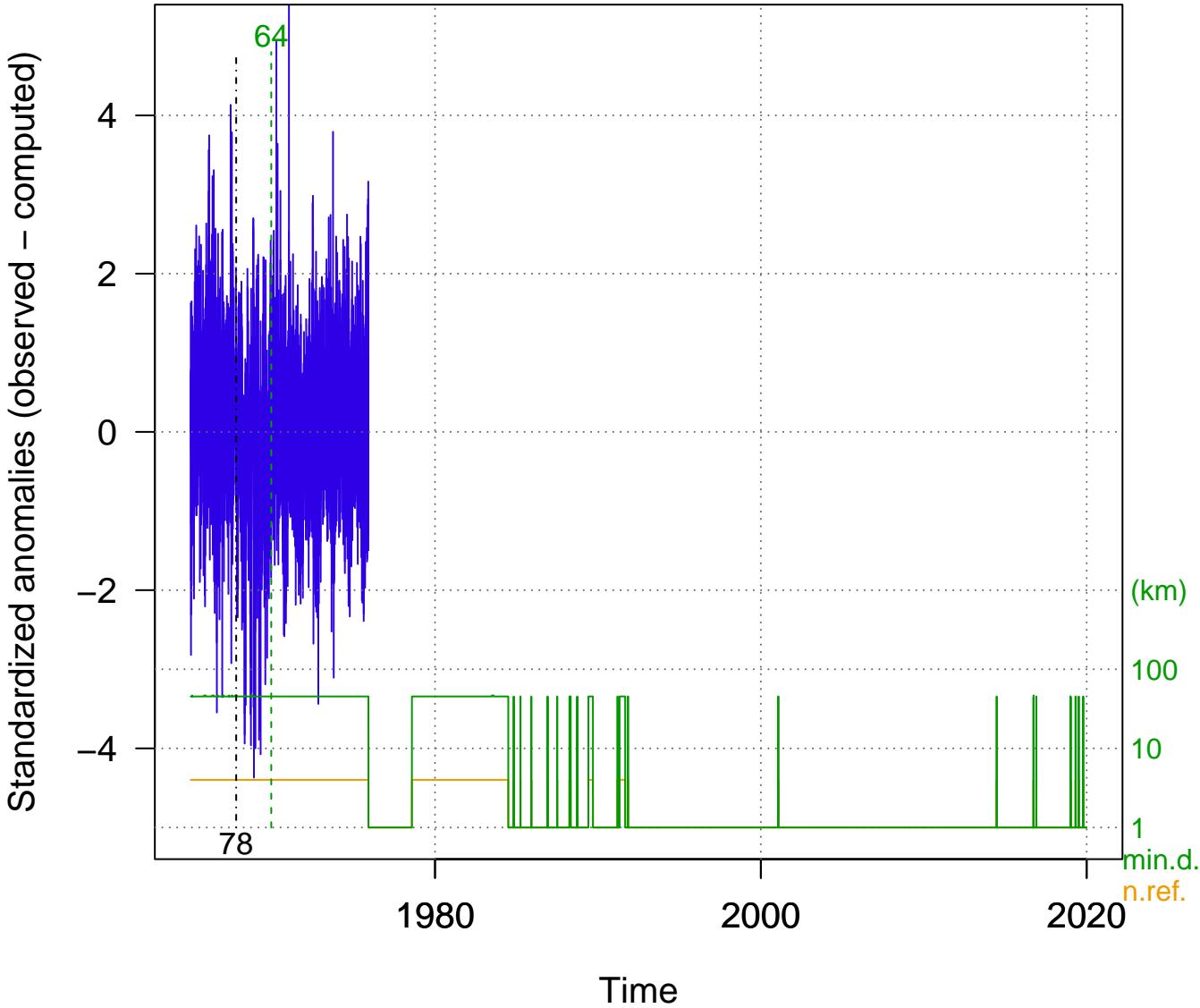
tmax 9 (ho00000788)

CAPACHICA

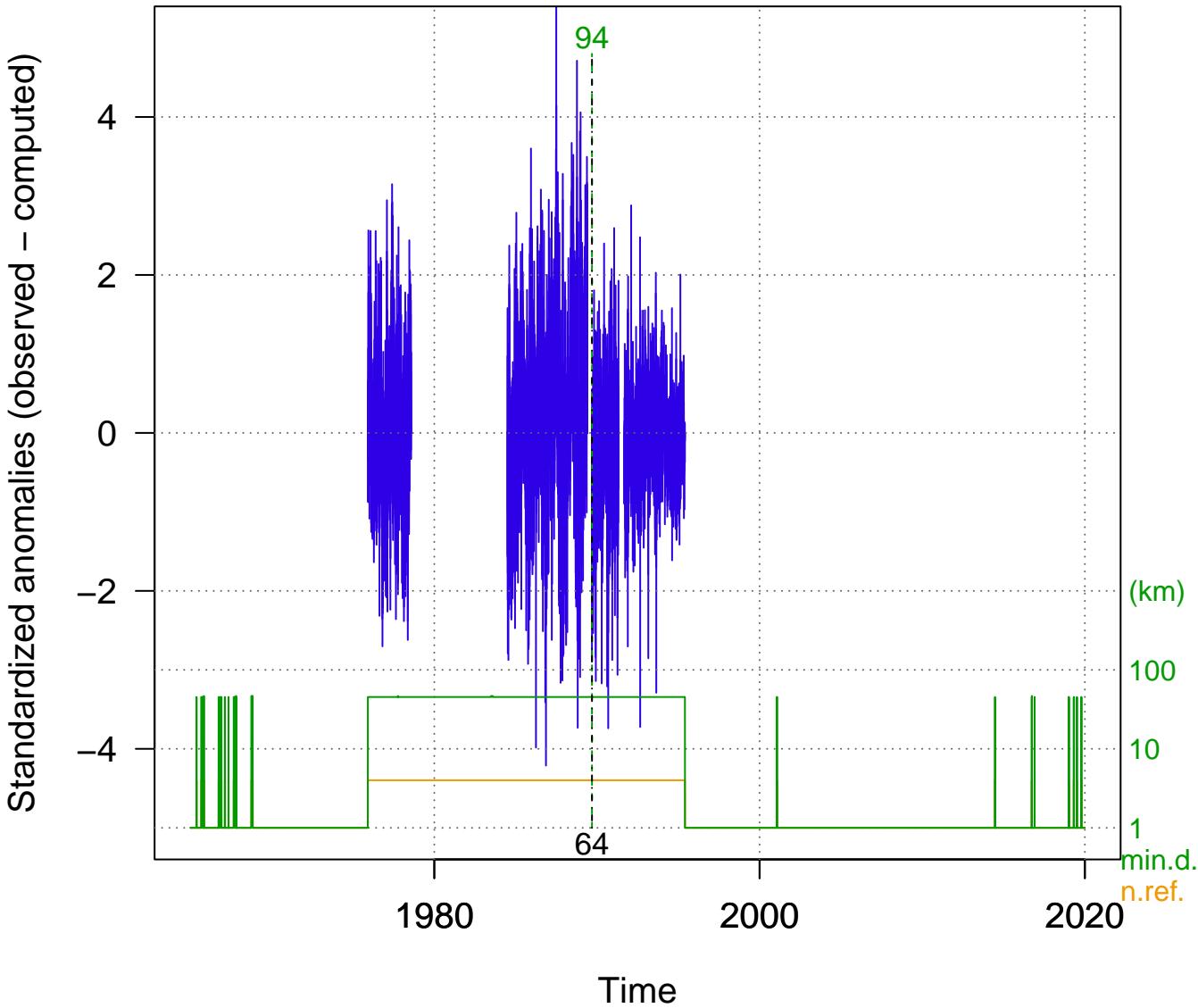


tmax 41 (ho00000788-2)

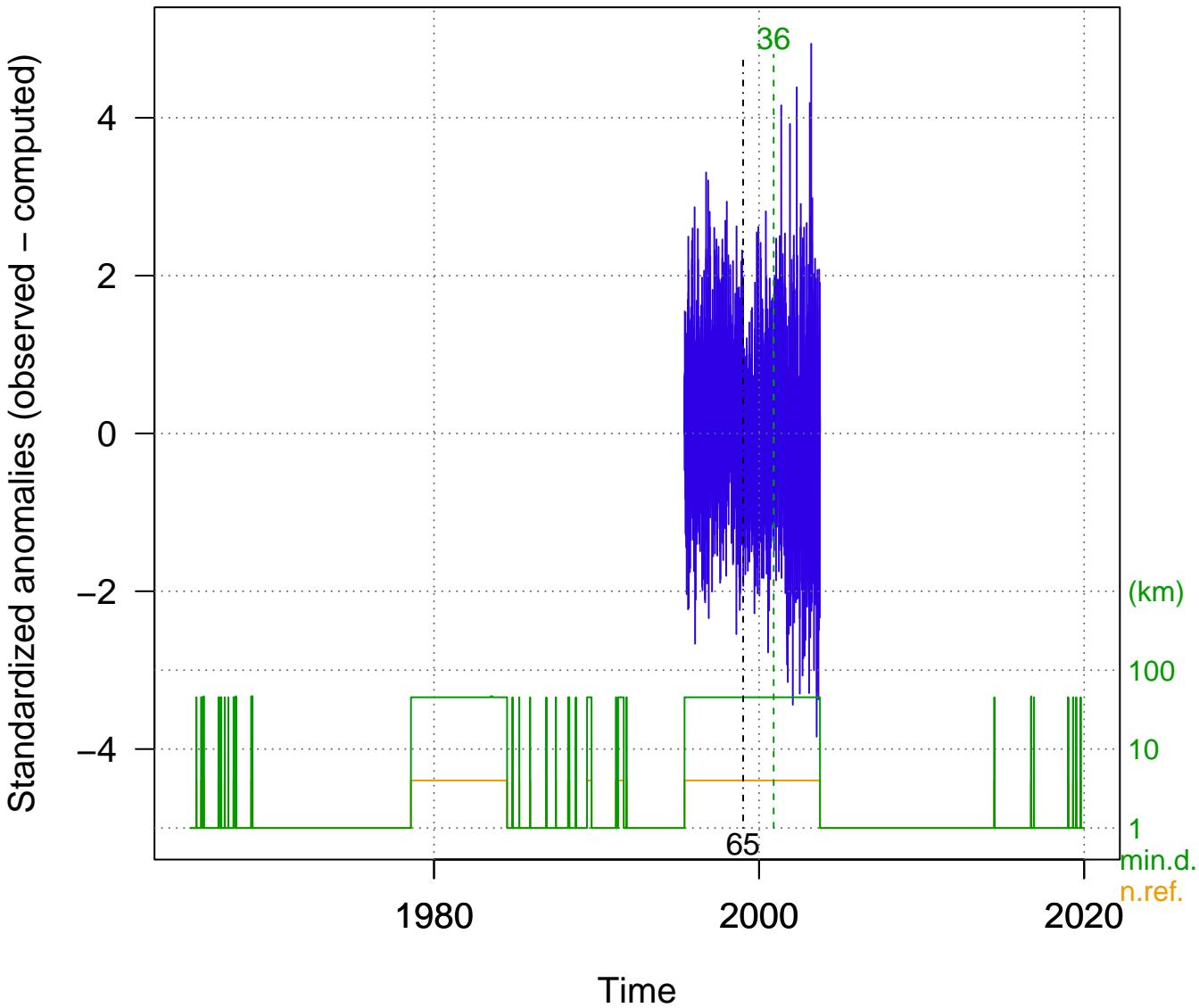
CAPACHICA-2



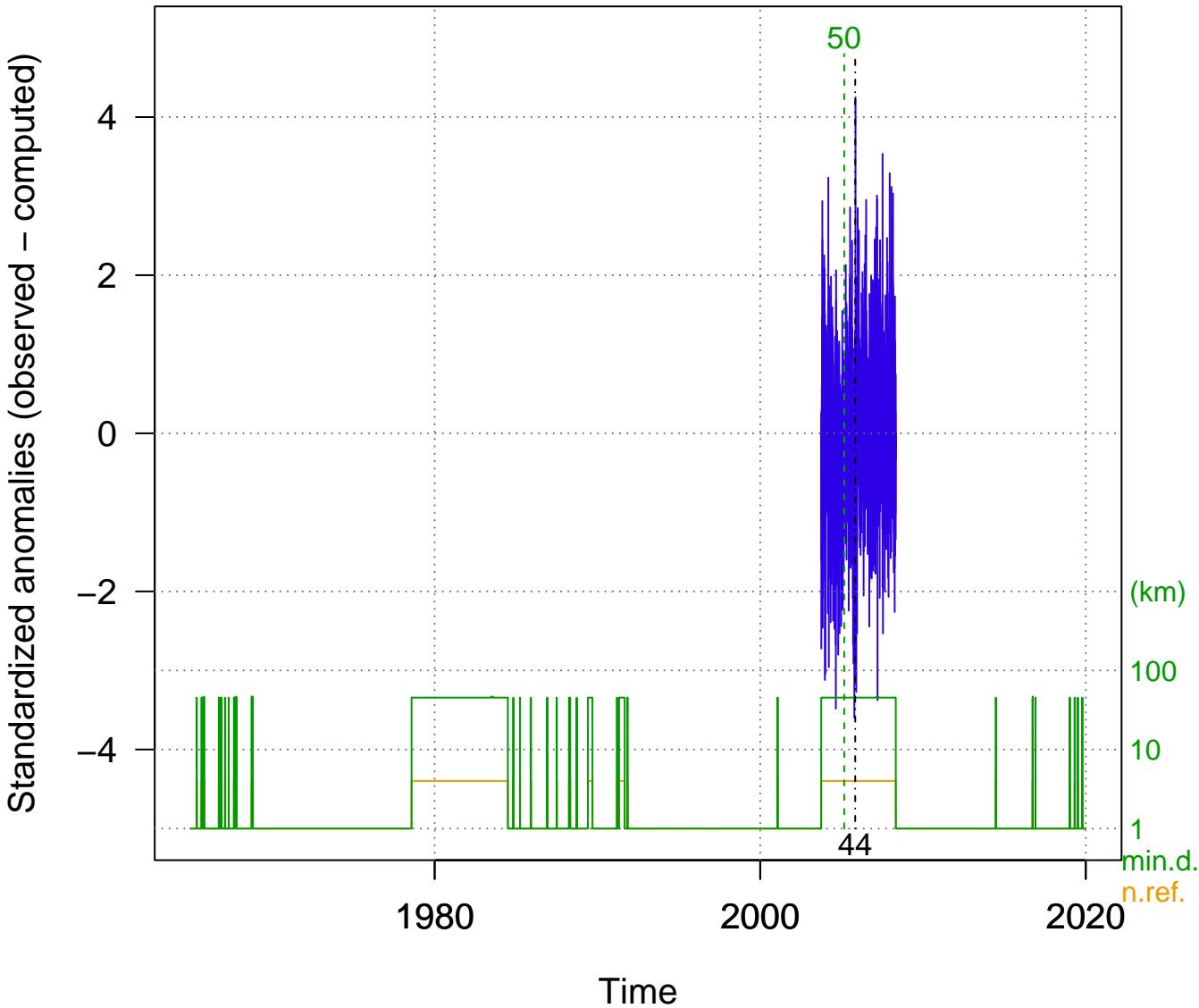
**tmax 42 (ho00000788-3)**  
**CAPACHICA-3**



**tmax 43 (ho00000788-4)**  
**CAPACHICA-4**



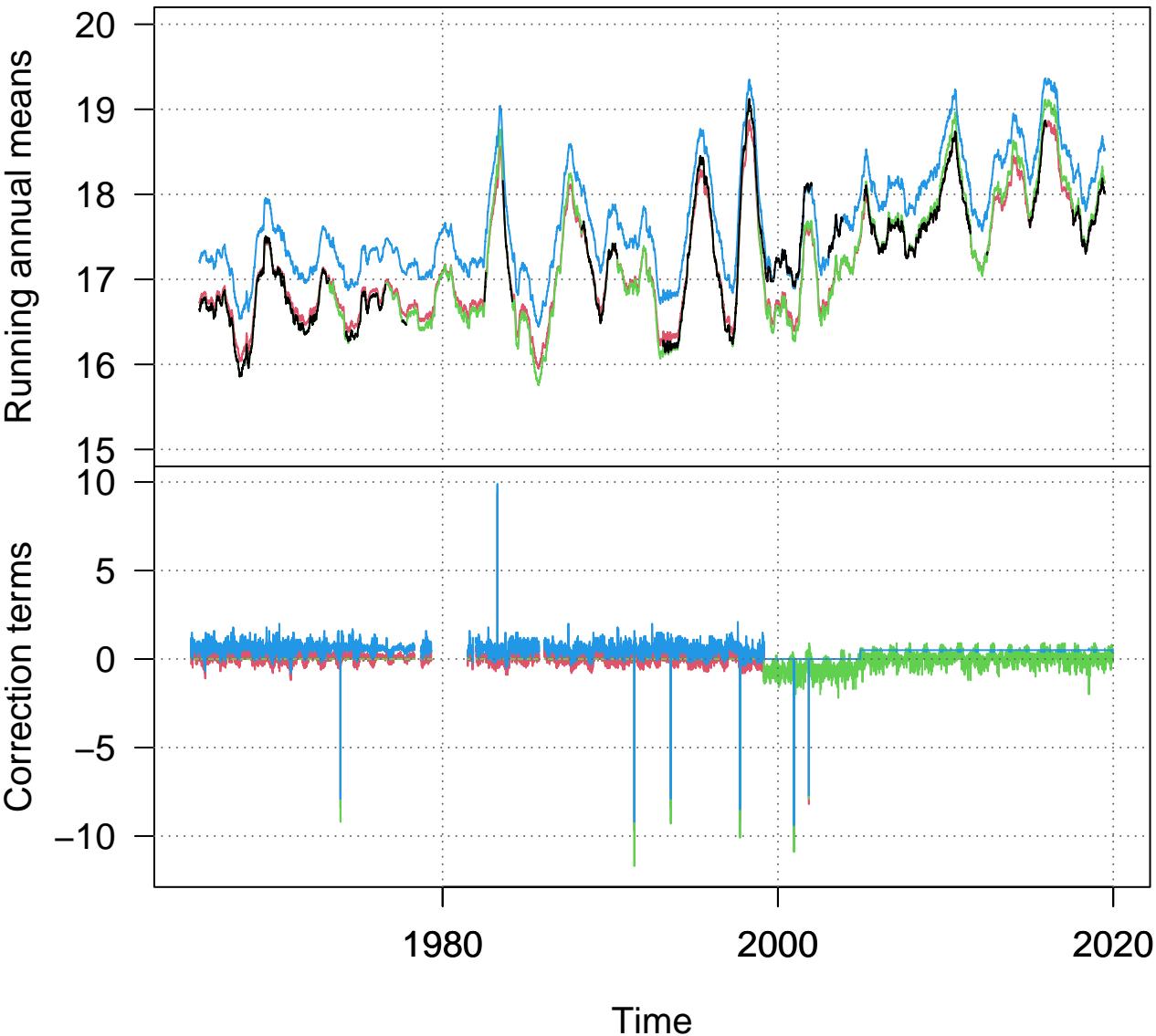
**tmax 44 (ho00000788-5)**  
**CAPACHICA-5**



# Final graphics

Adjusted series and  
applied corrections

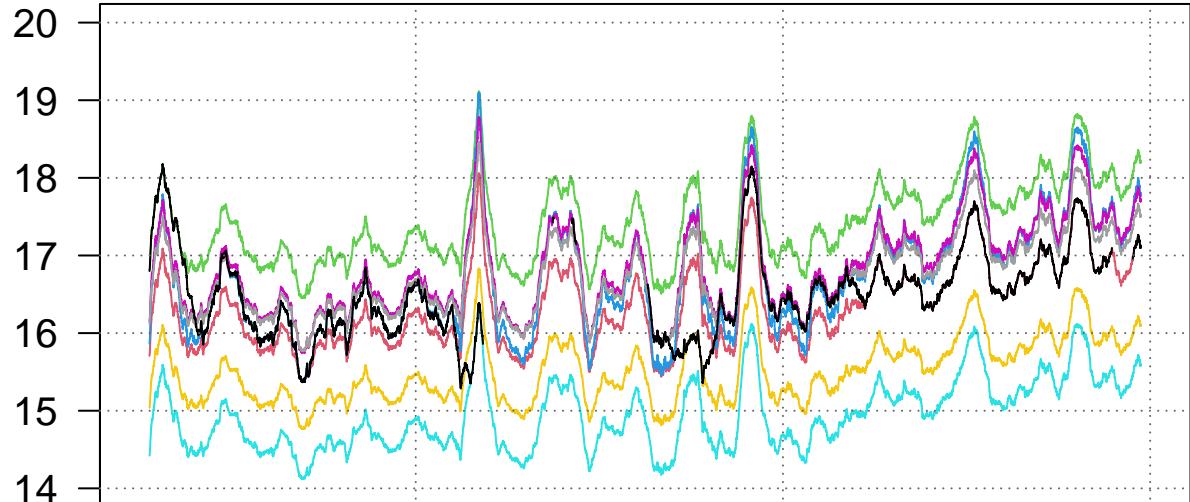
**tmax 1 (ho00000776)**  
**AYAVIRI**



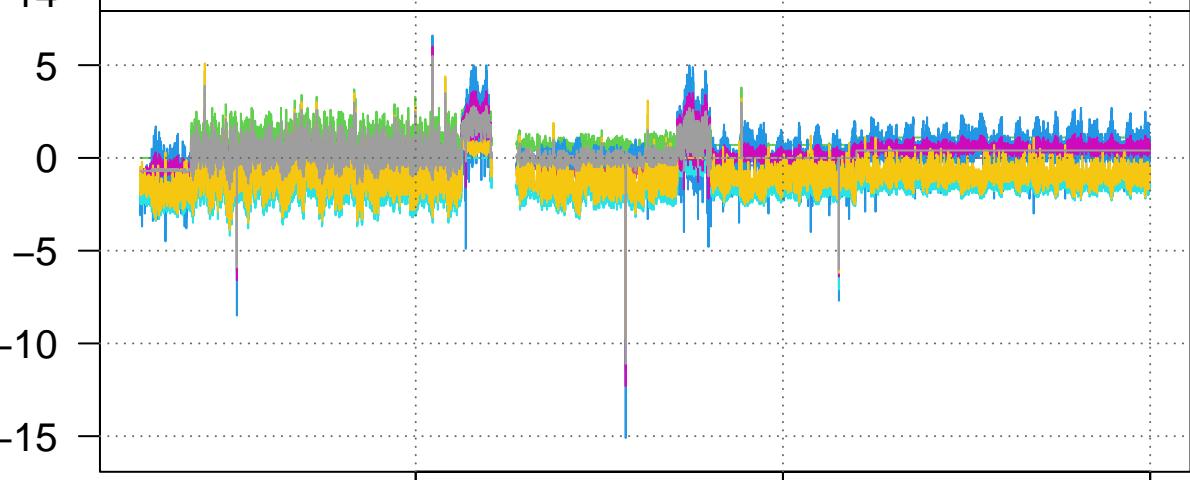
tmax 2 (ho00000778)

**PROGRESO**

Running annual means



Correction terms



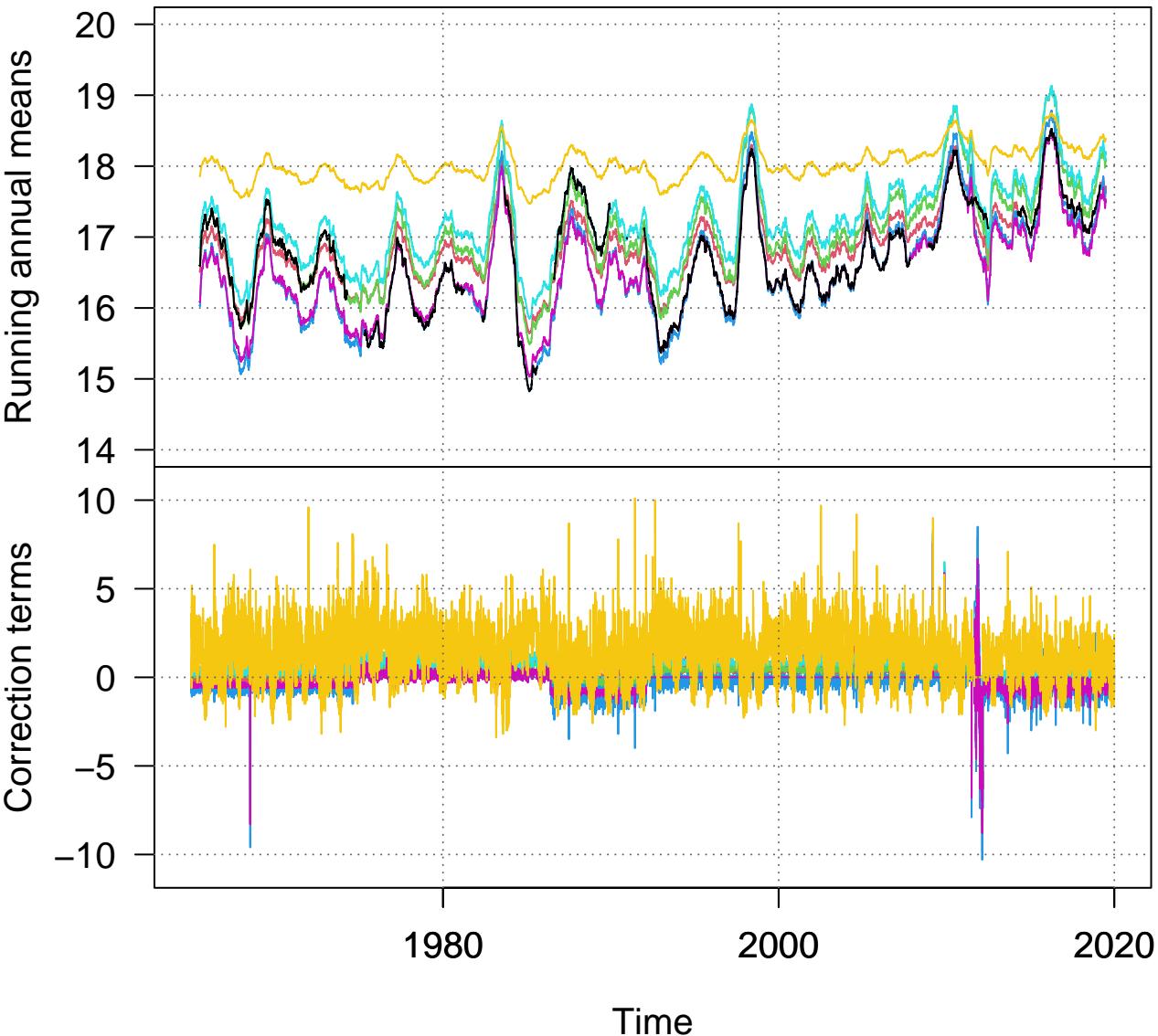
1980

2000

2020

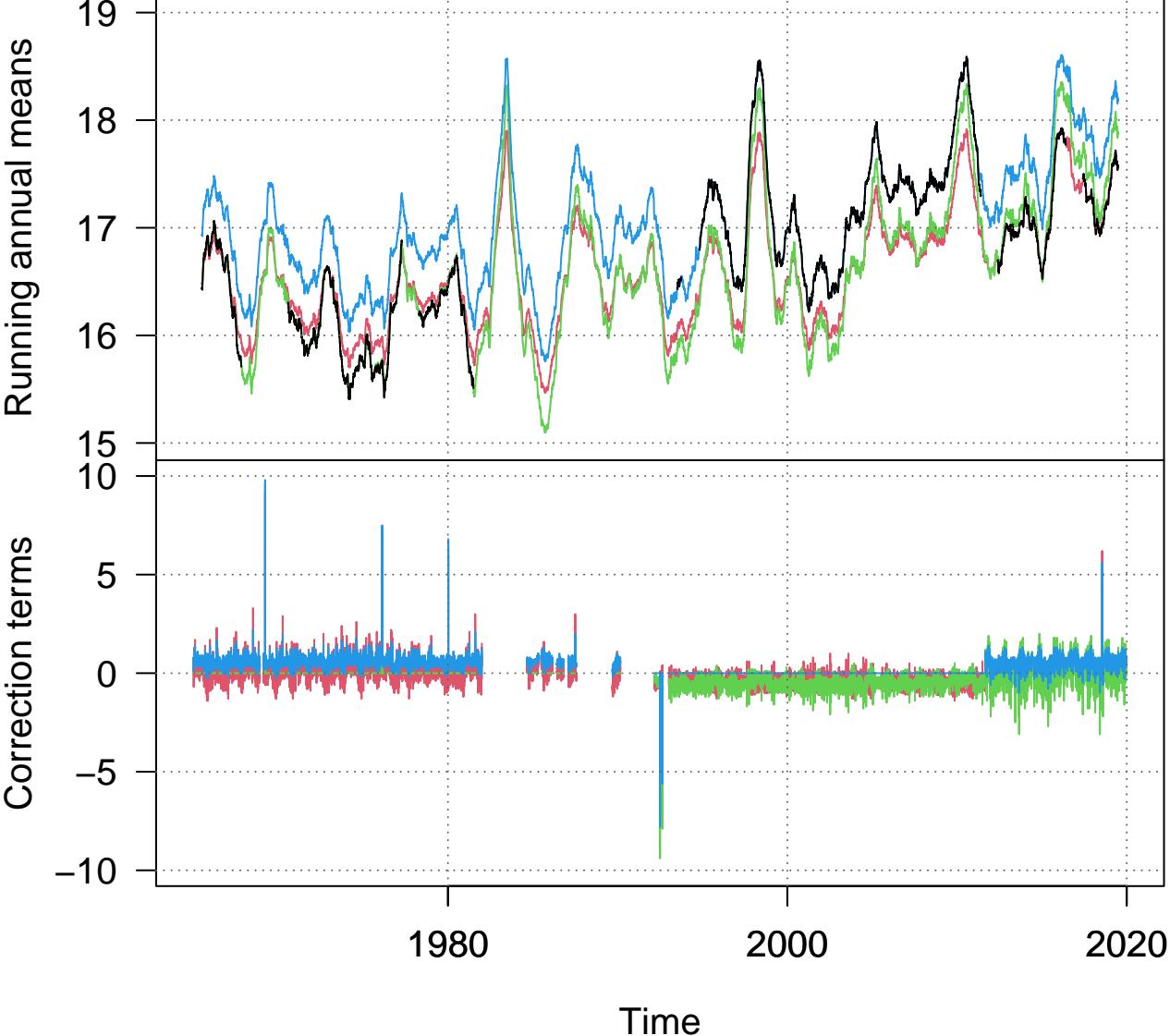
Time

**tmax 3 (ho00000779)**  
**LAMPA**



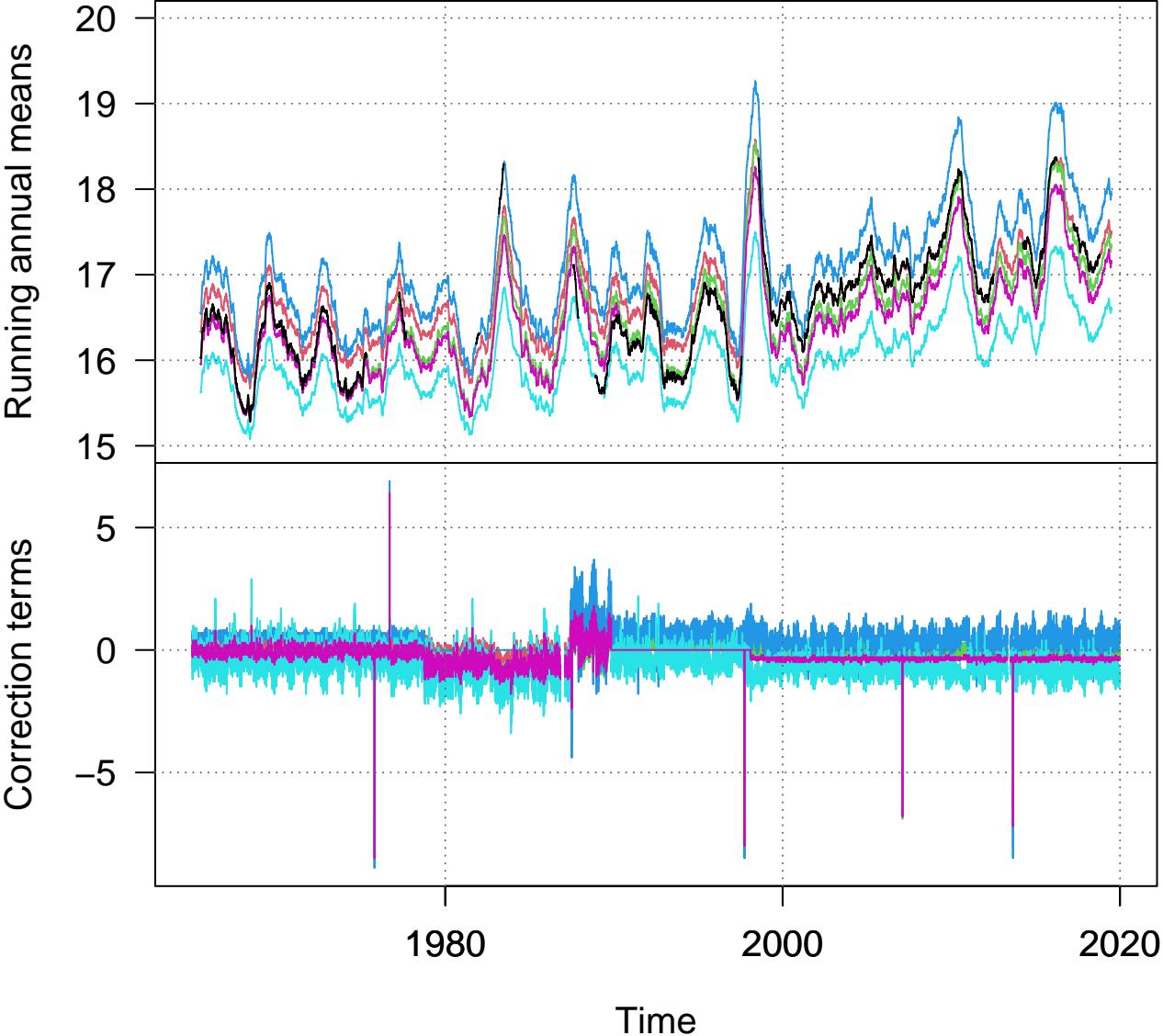
tmax 4 (ho00000781)

AZANGARO

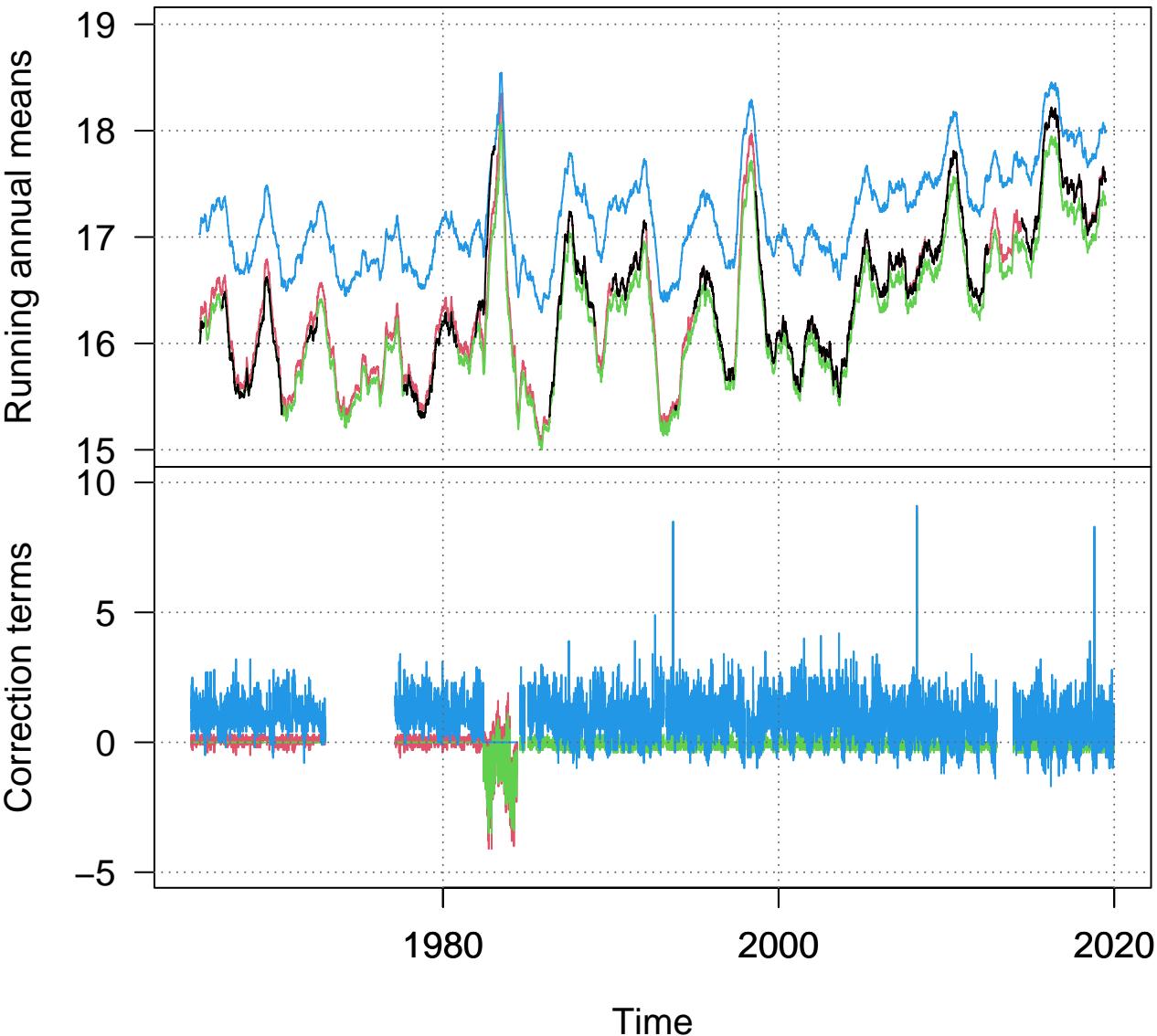


tmax 5 (ho00000783)

ARAPA



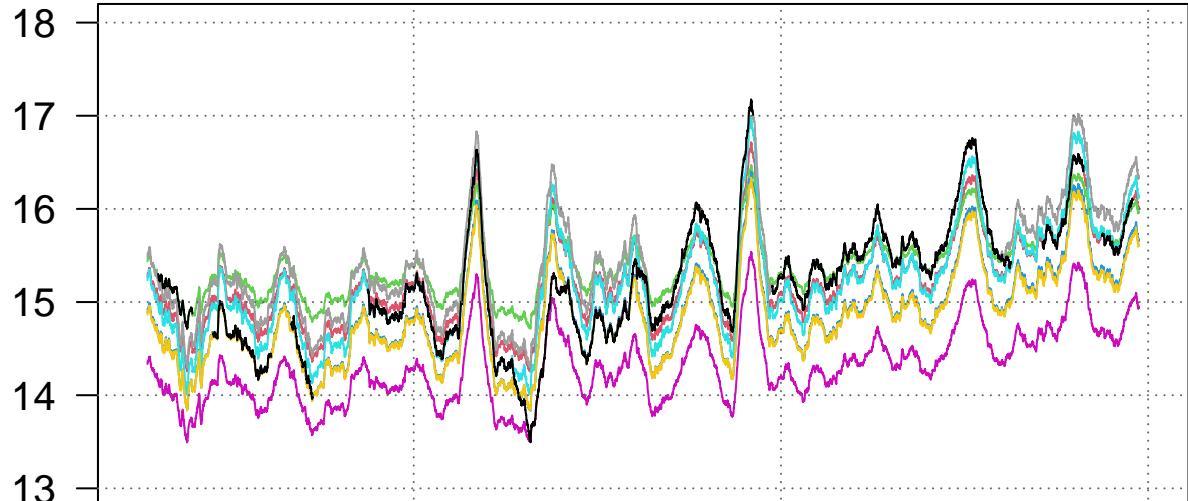
**tmax 6 (ho00000785)**  
**MUNANI**



tmax 7 (ho00000786)

HUANCANE

Running annual means



Correction terms



1980

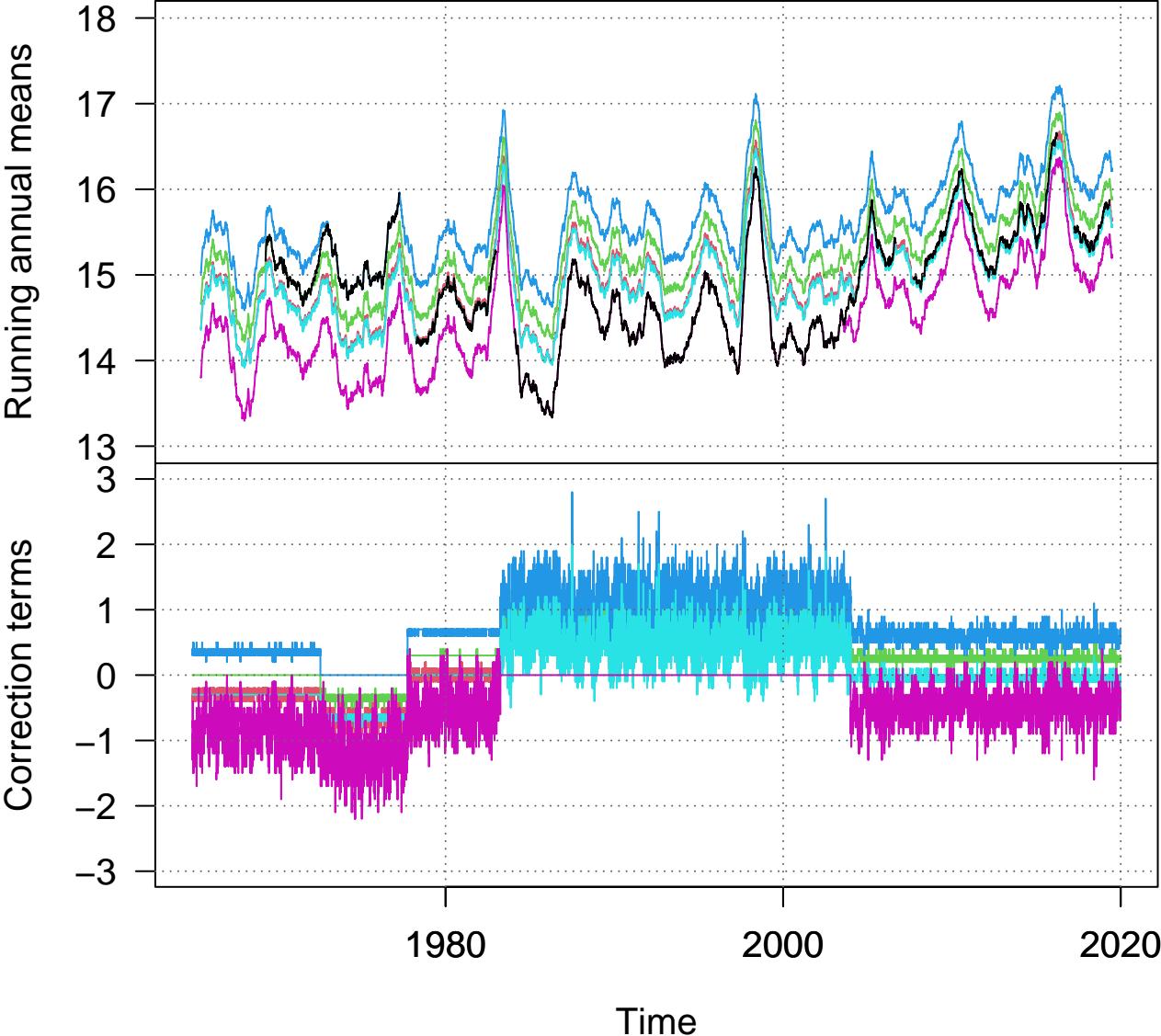
2000

2020

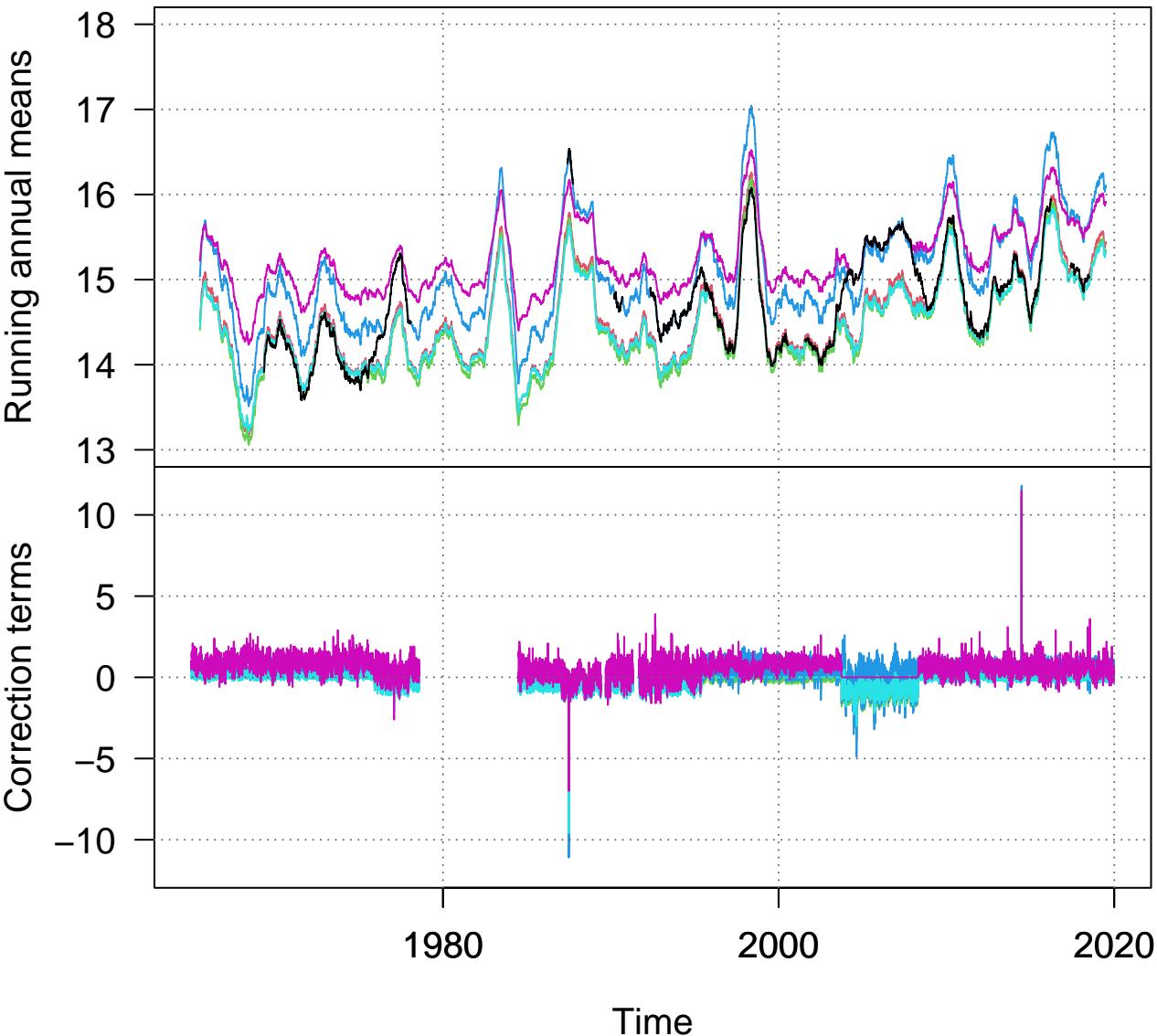
Time

tmax 8 (ho00000787)

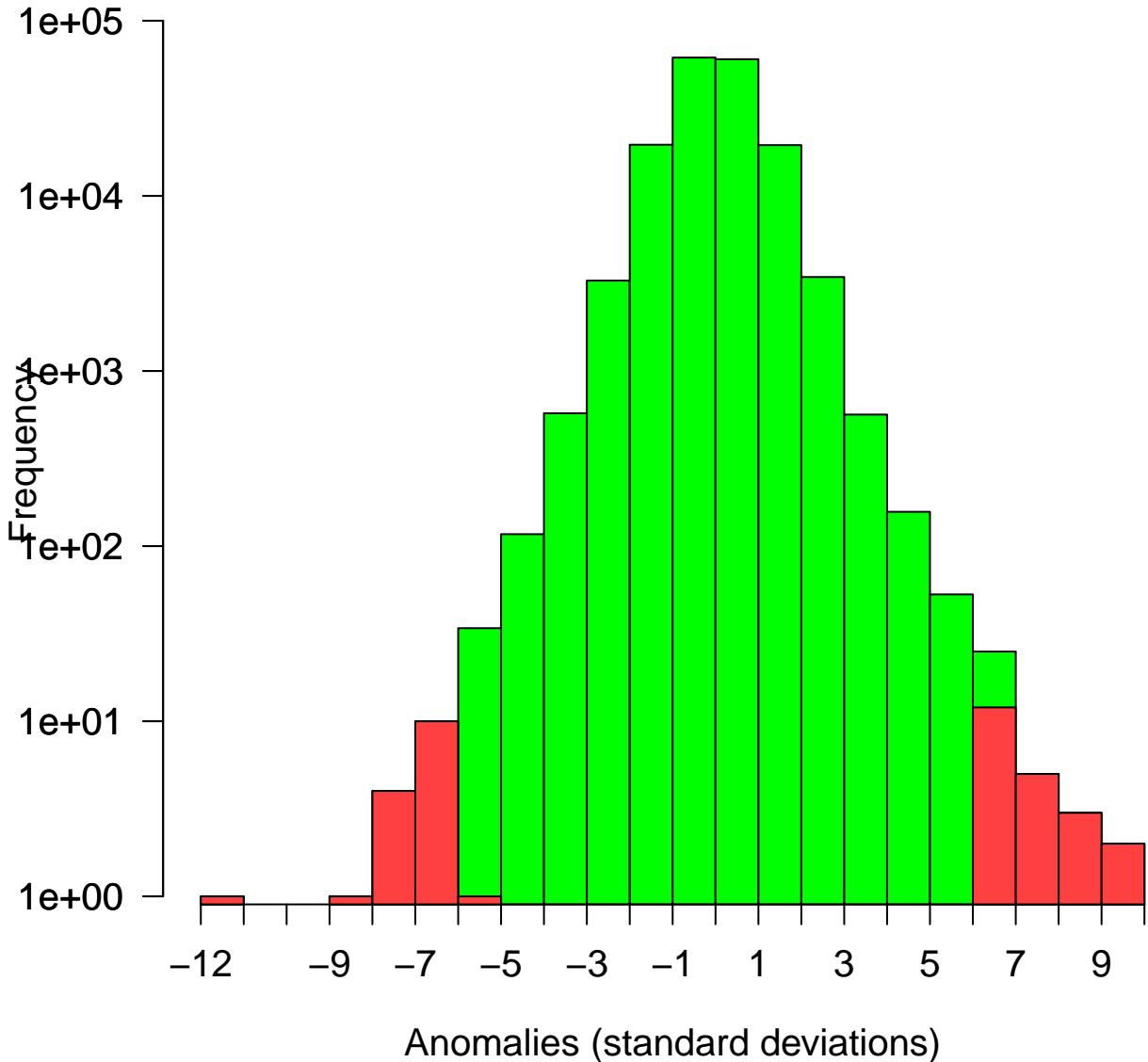
HUARAYAMOHO



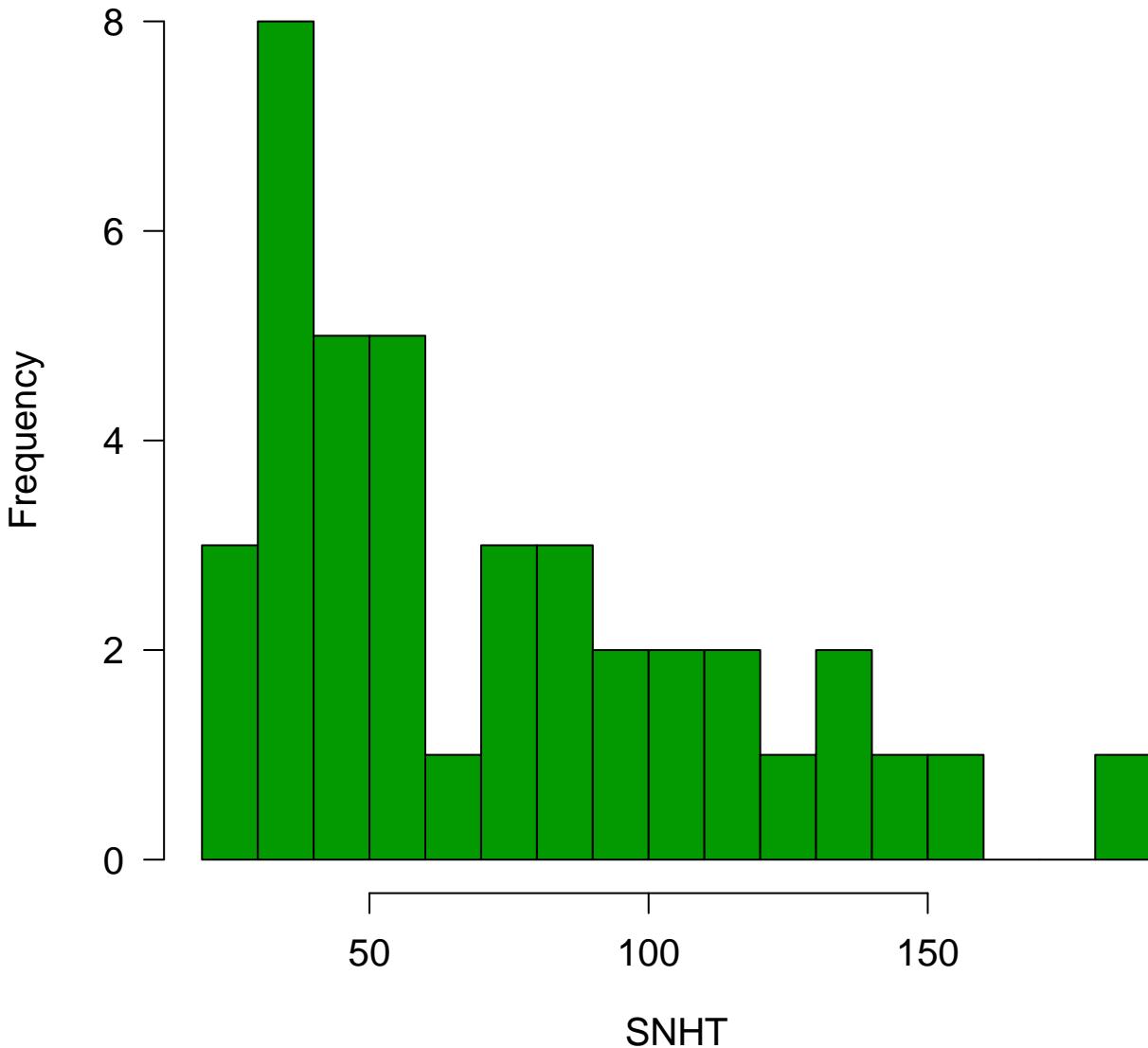
**tmax 9 (ho00000788)**  
**CAPACHICA**



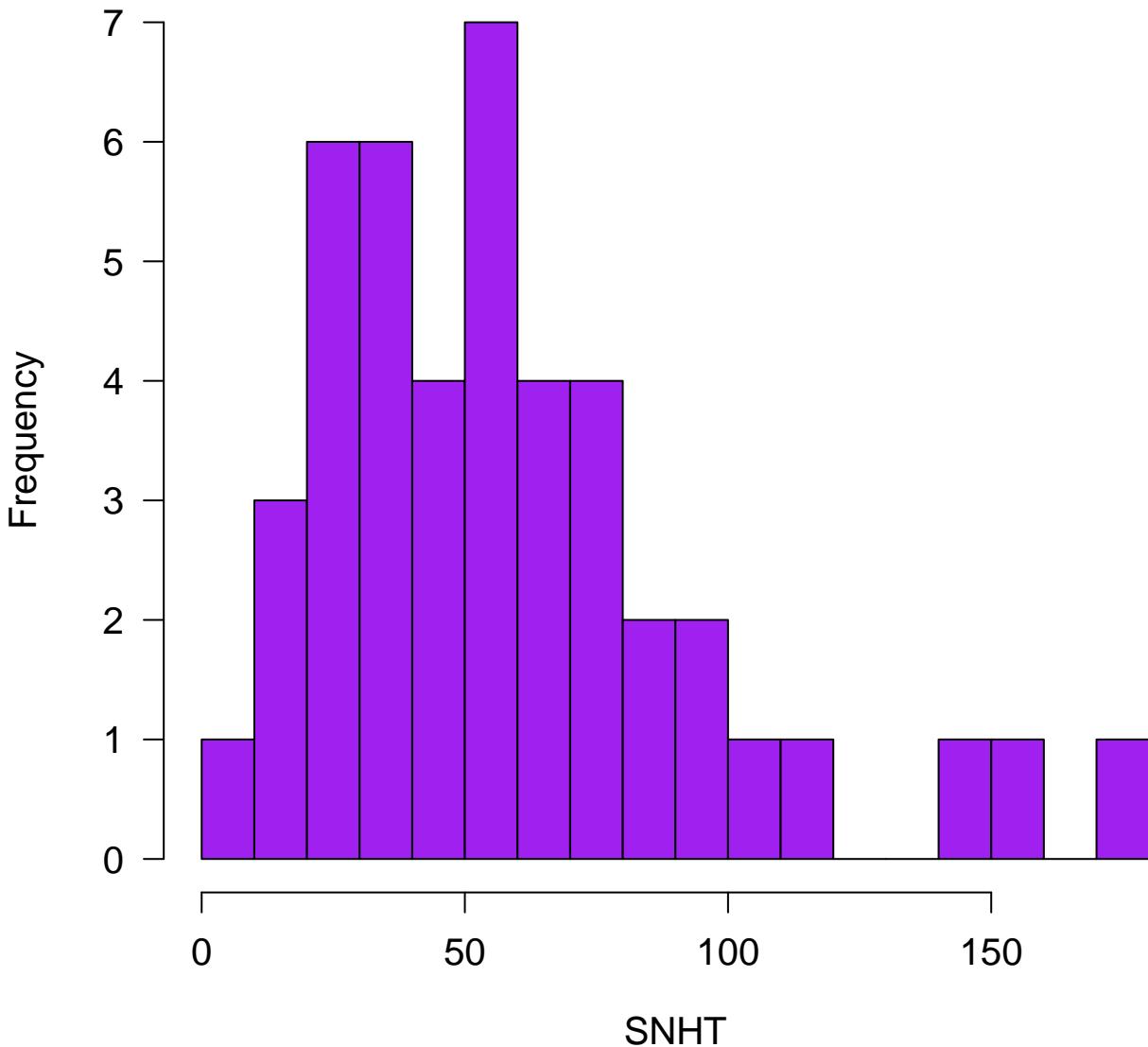
# Histogram of standardized anomalies



## Histogram of maximum windowed SNHT



## Histogram of maximum global SNHT



## Station's quality/singularity

