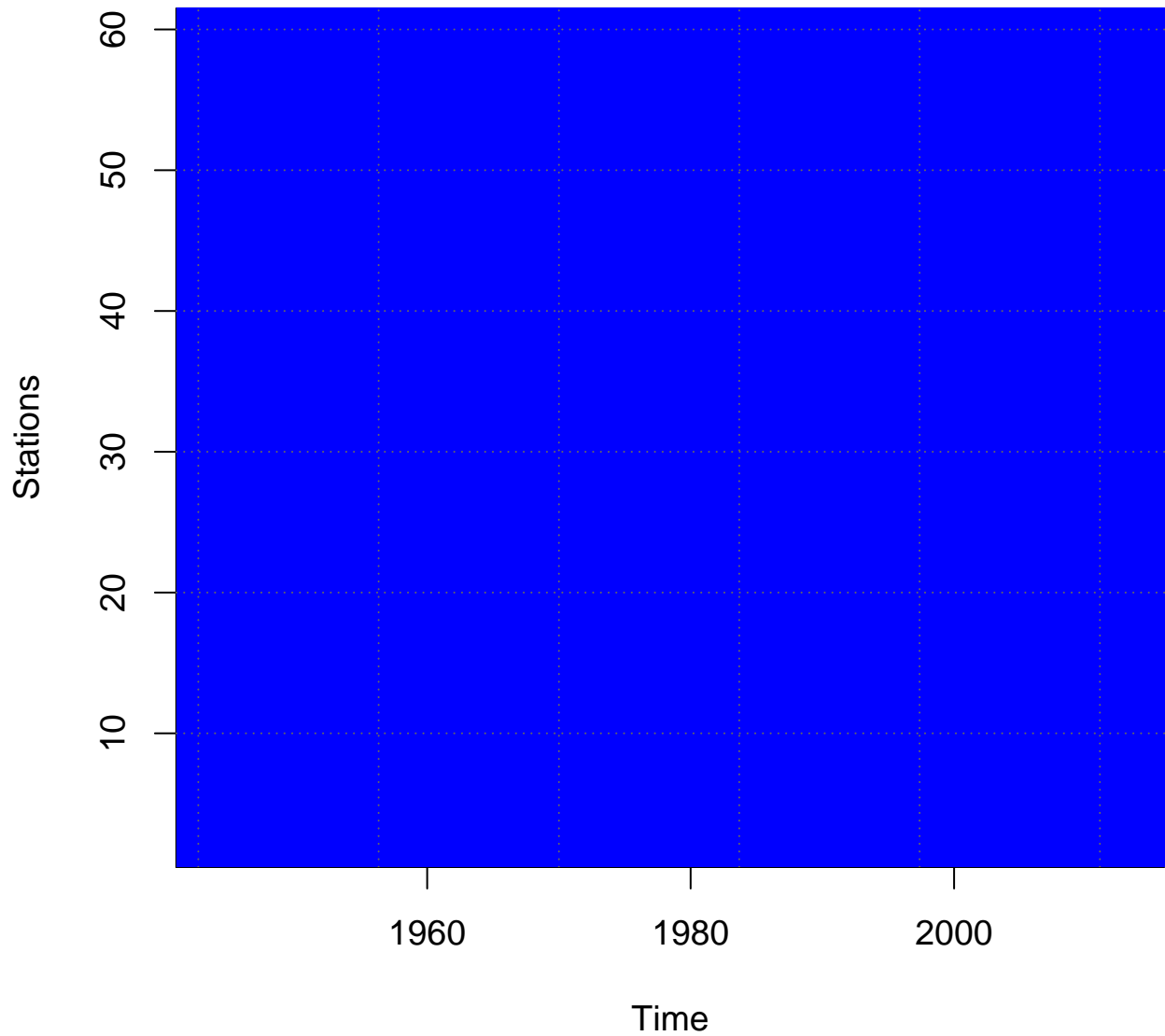


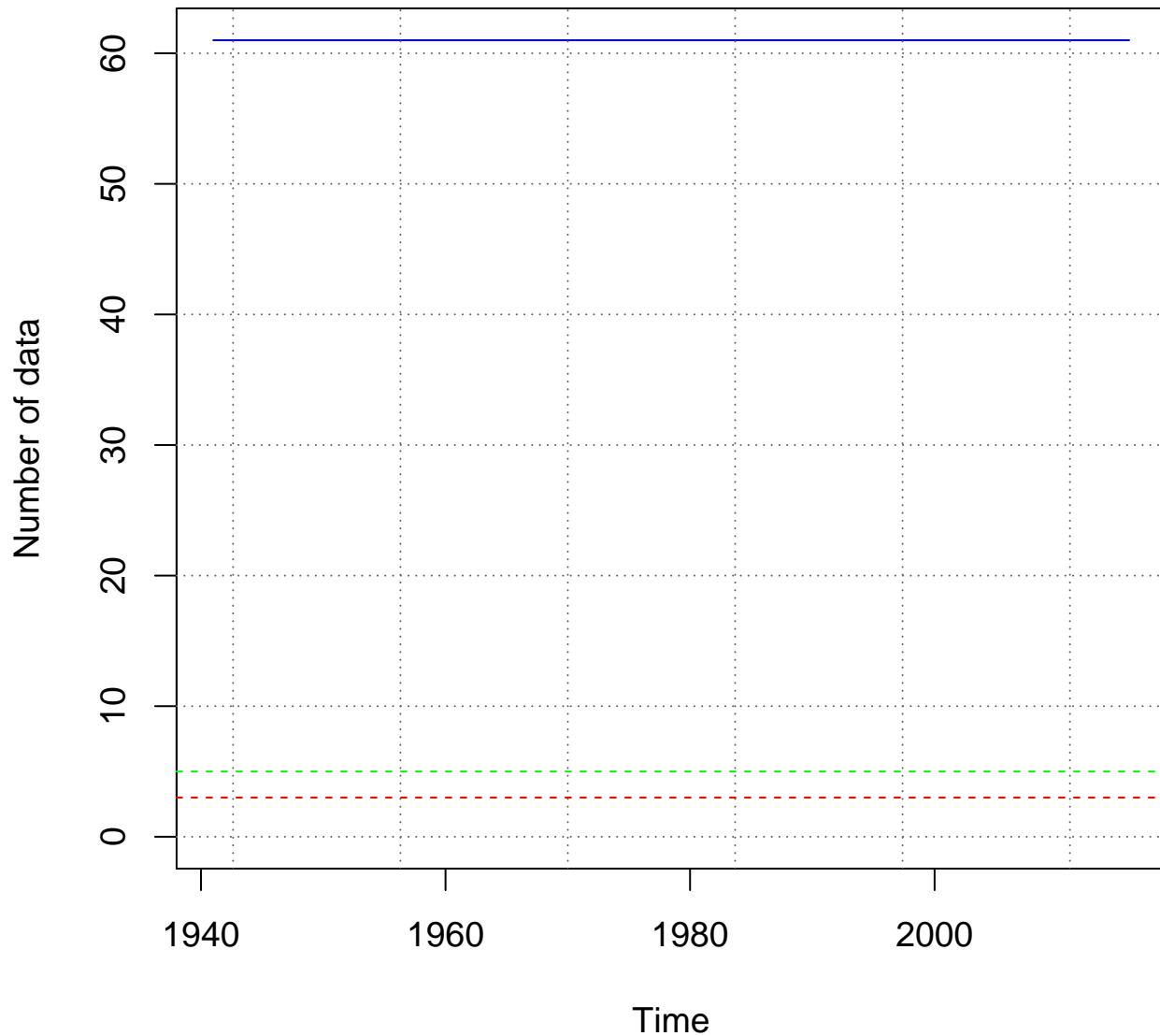
CLIMATOL 3.1.1

Homogenization
graphic output of
Prdp-3
1941-2015

Prcp-3 data availability



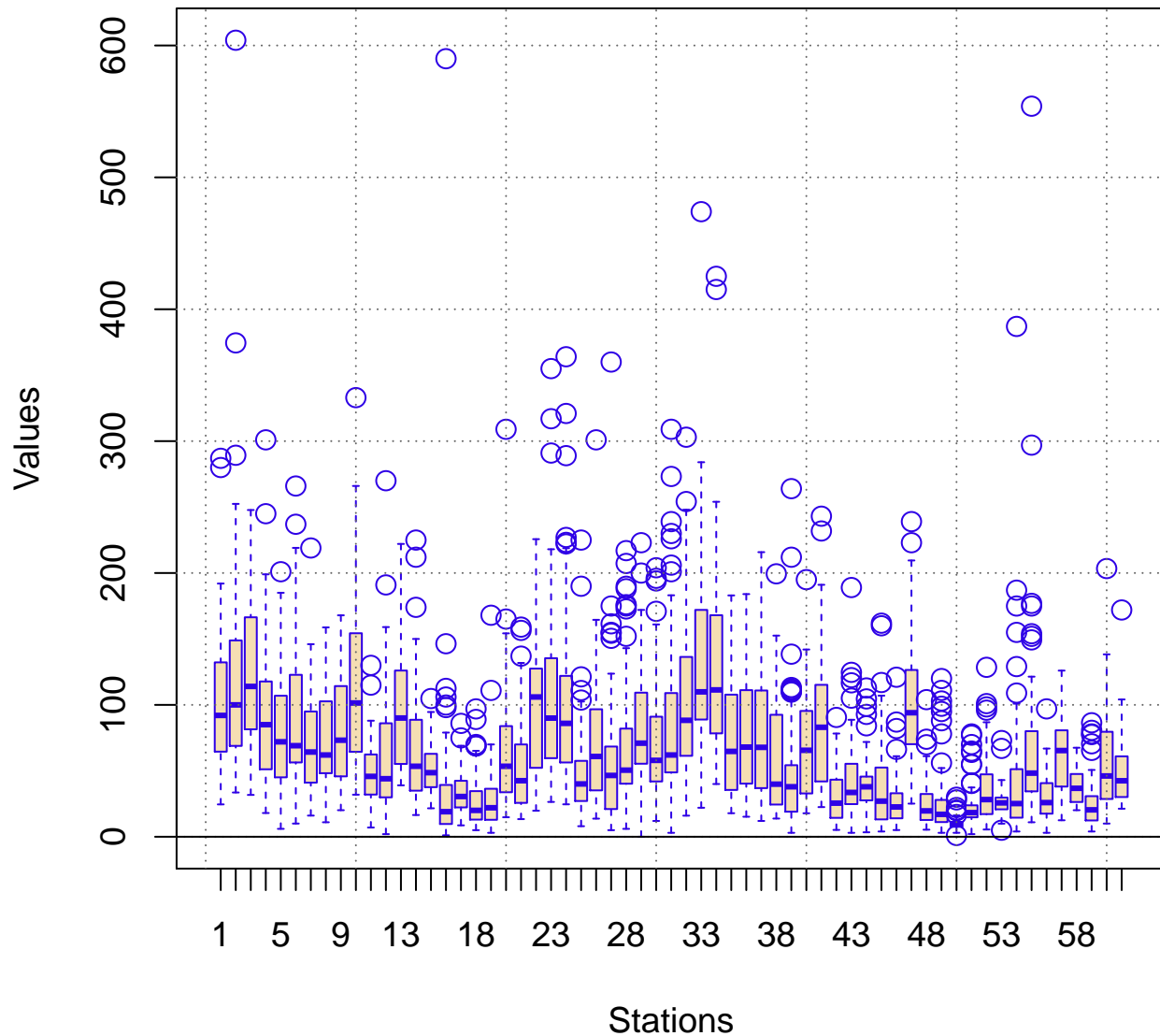
Number of Prcp-3 data in all stations



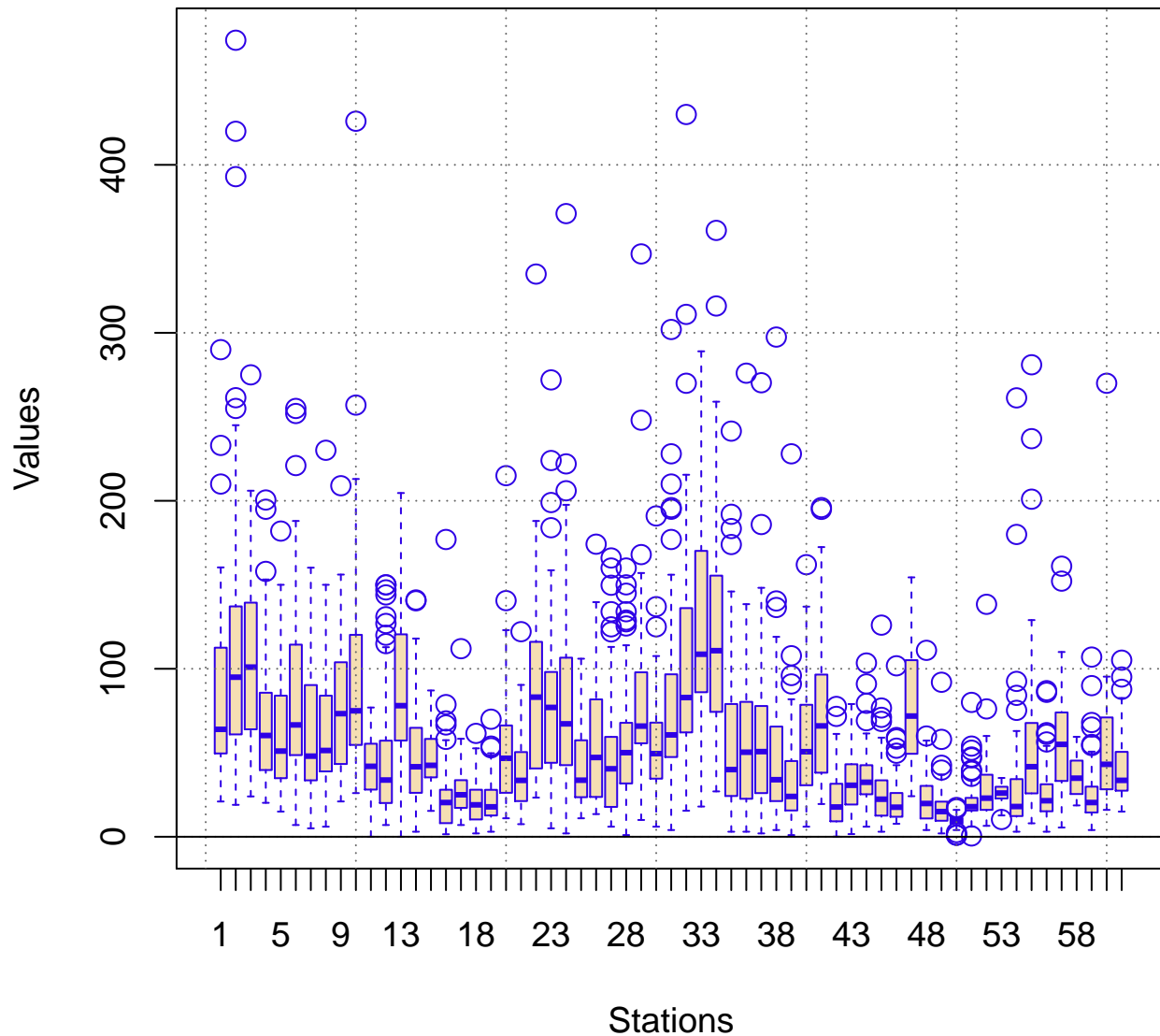
Data values of Prcp-3 (Jan)



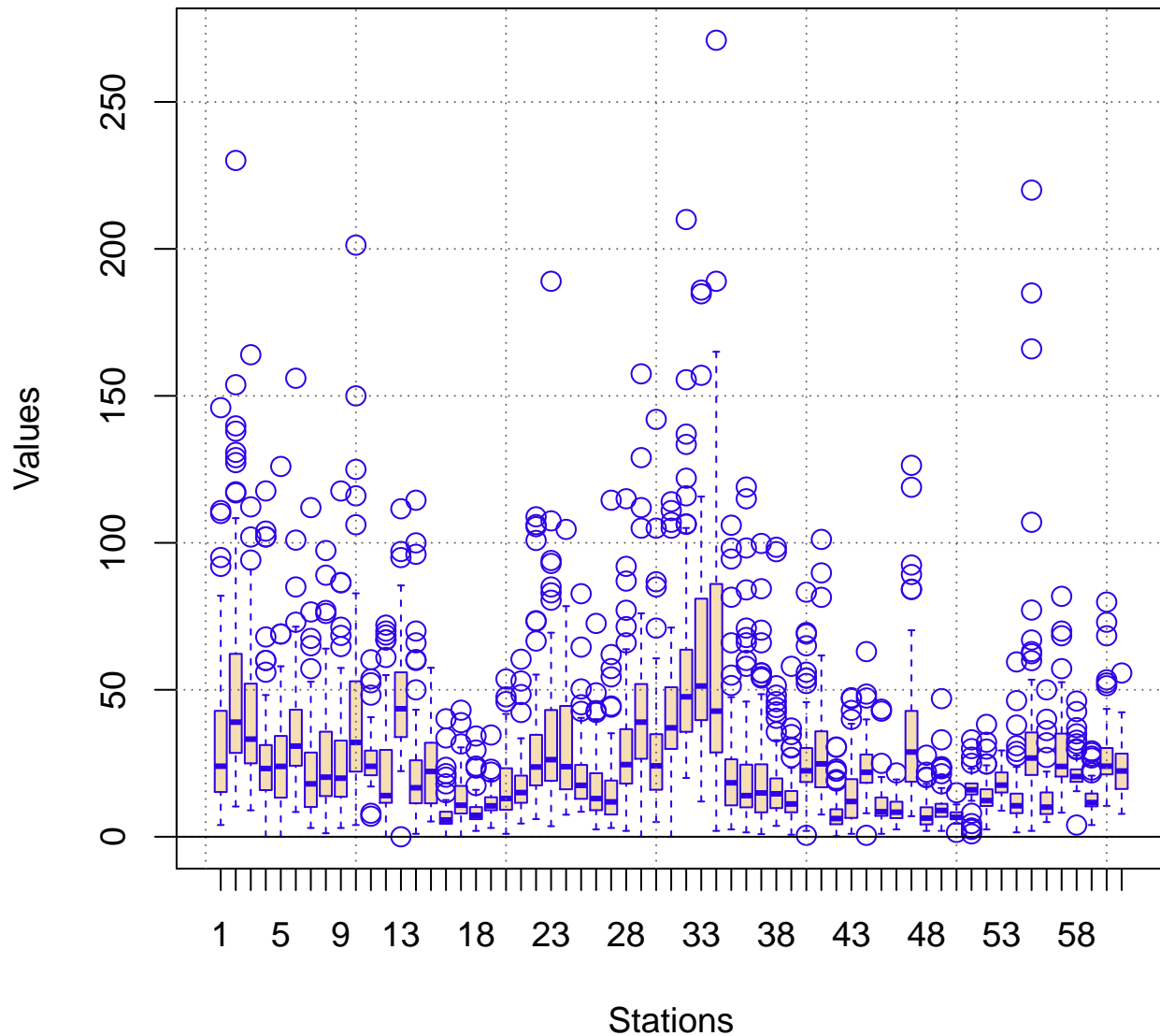
Data values of Prcp-3 (Feb)



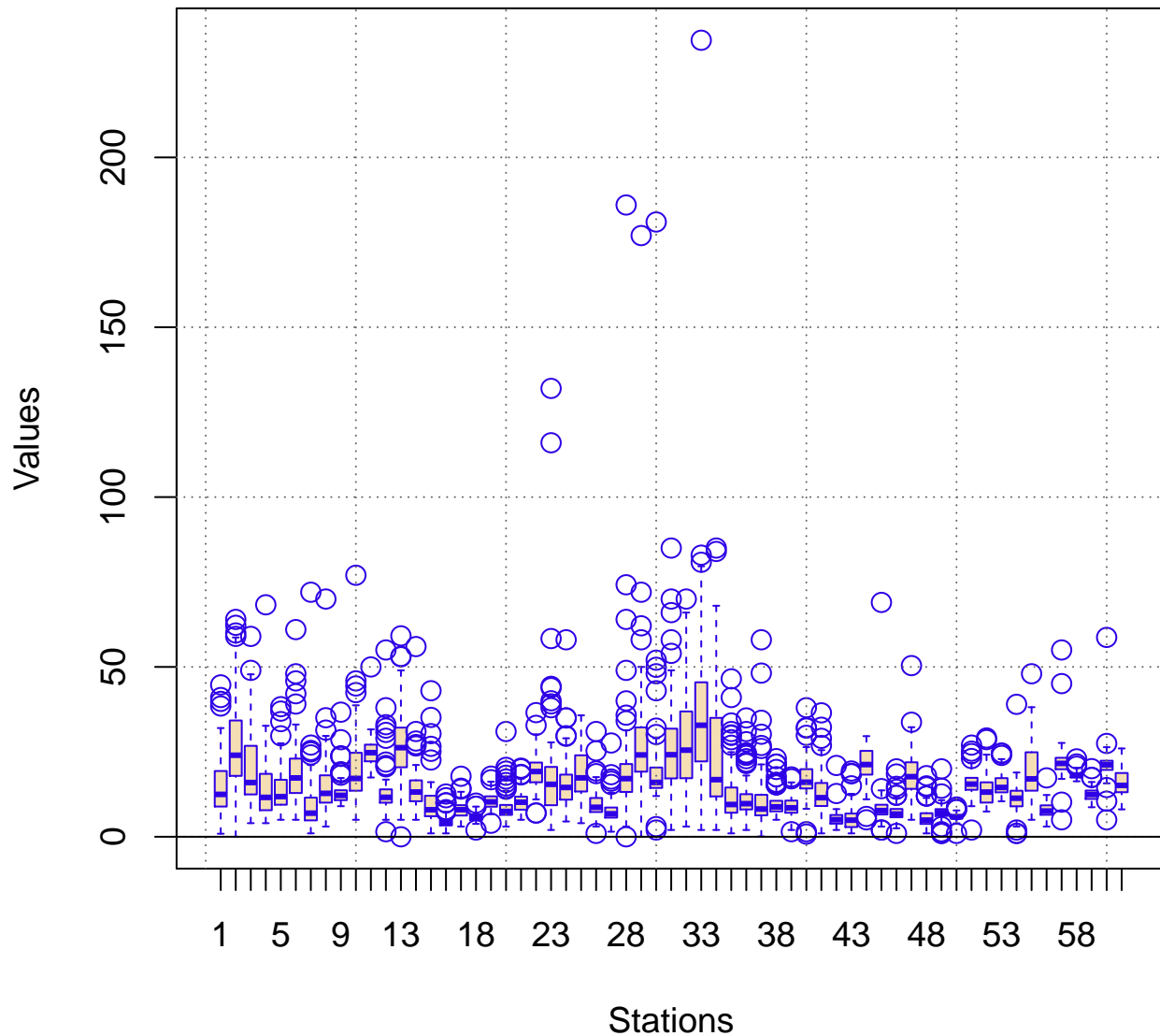
Data values of Prcp-3 (Mar)



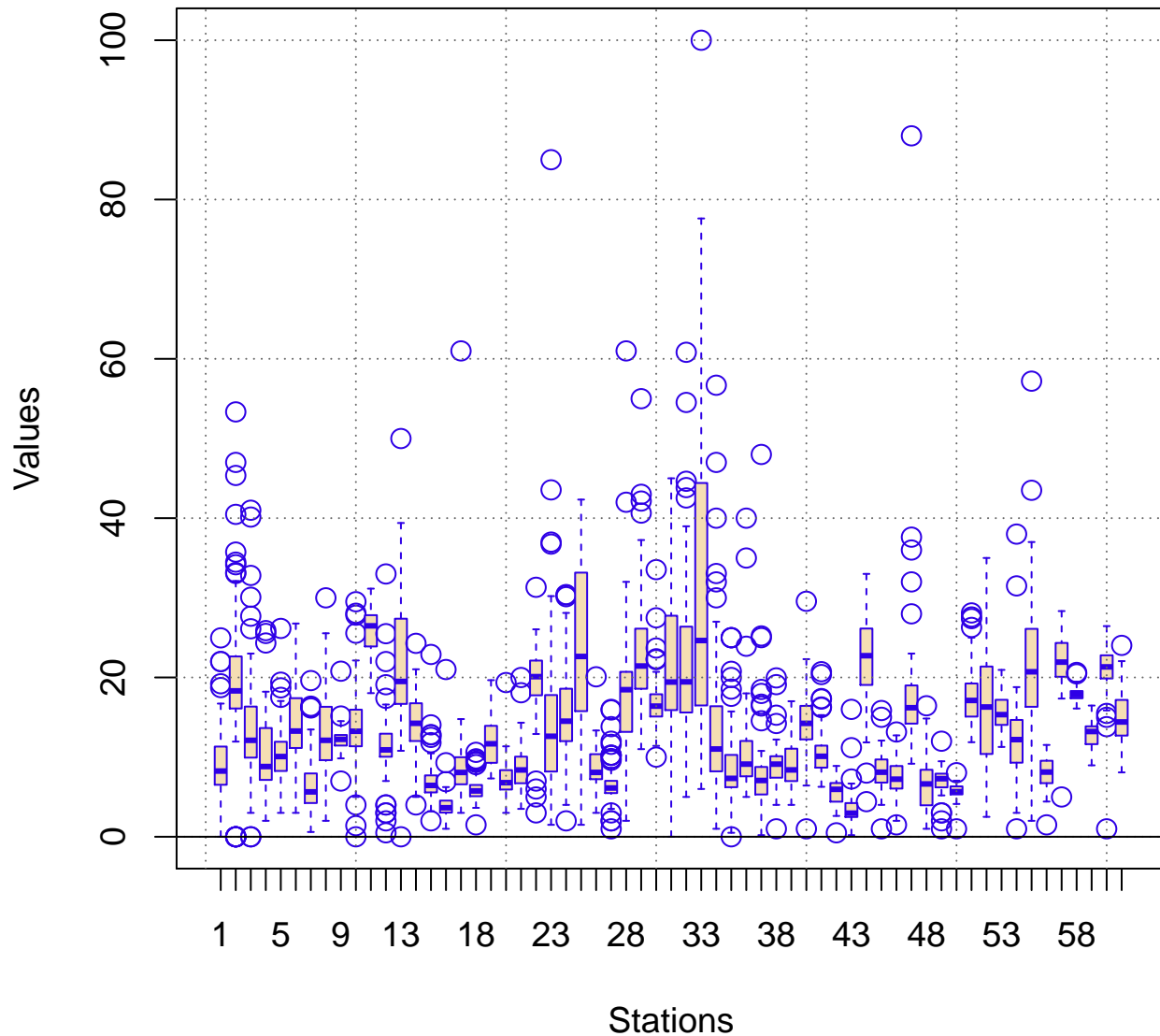
Data values of Prcp-3 (Apr)



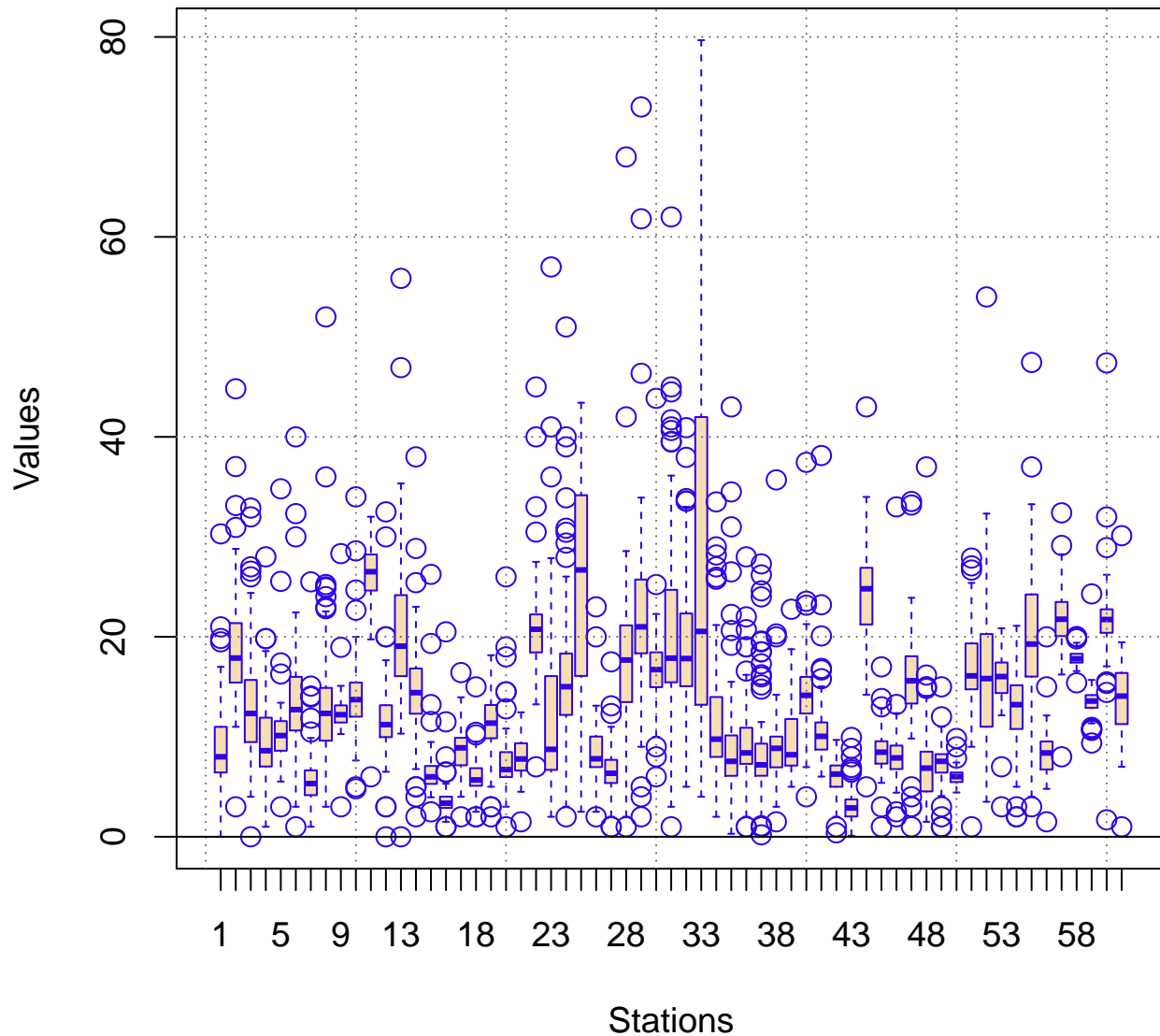
Data values of Prcp-3 (May)



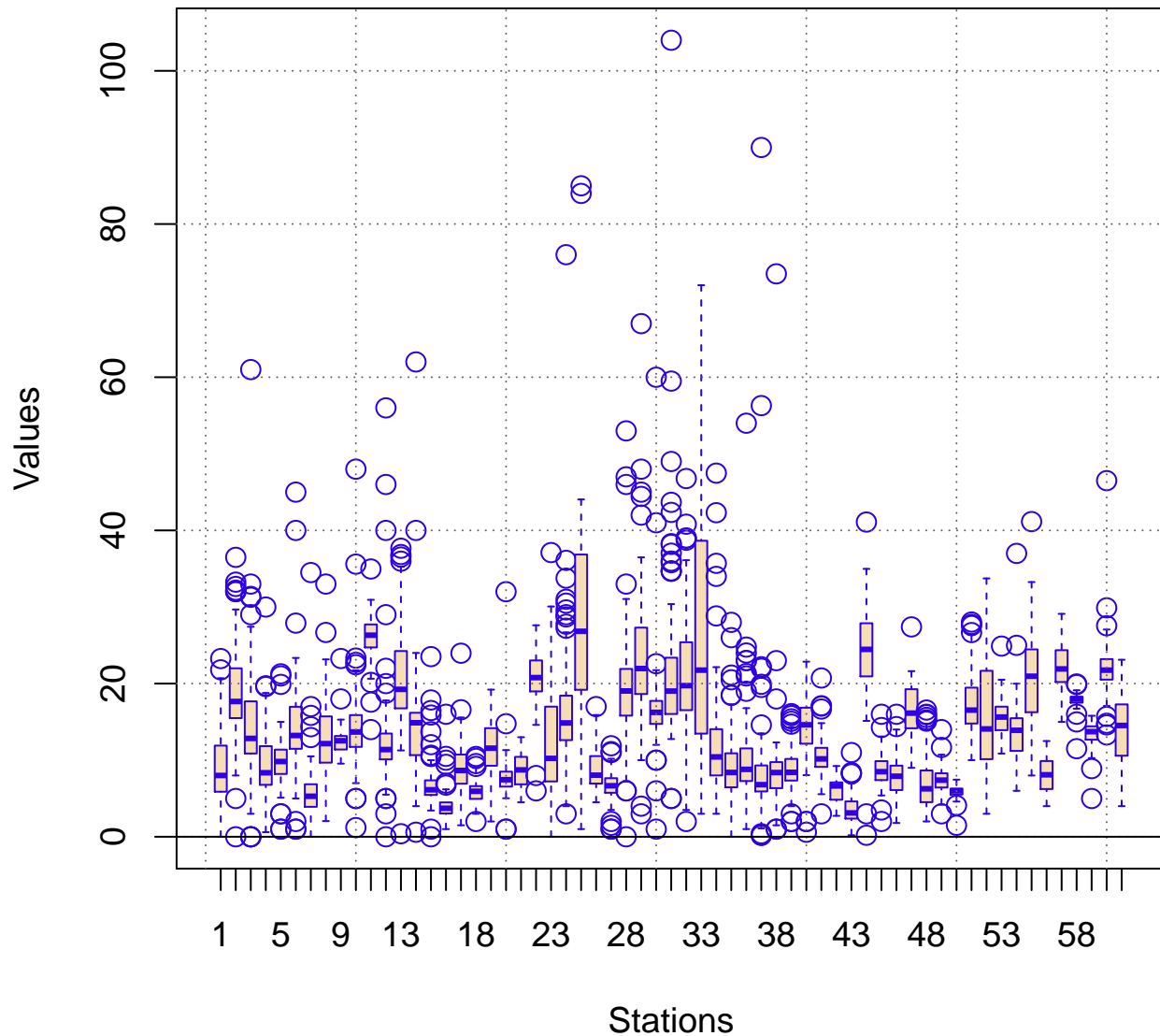
Data values of Prcp-3 (Jun)



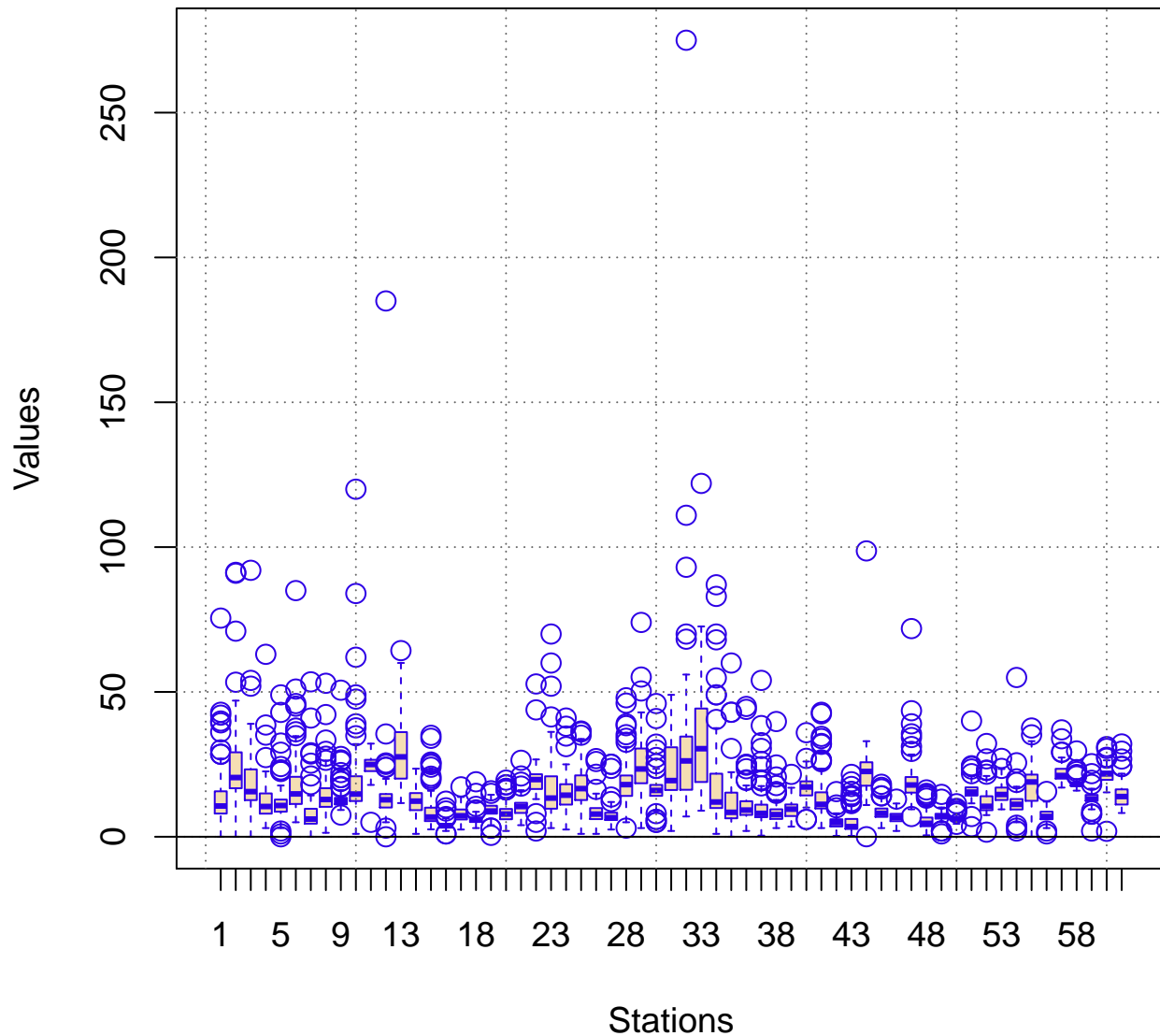
Data values of Prcp-3 (Jul)



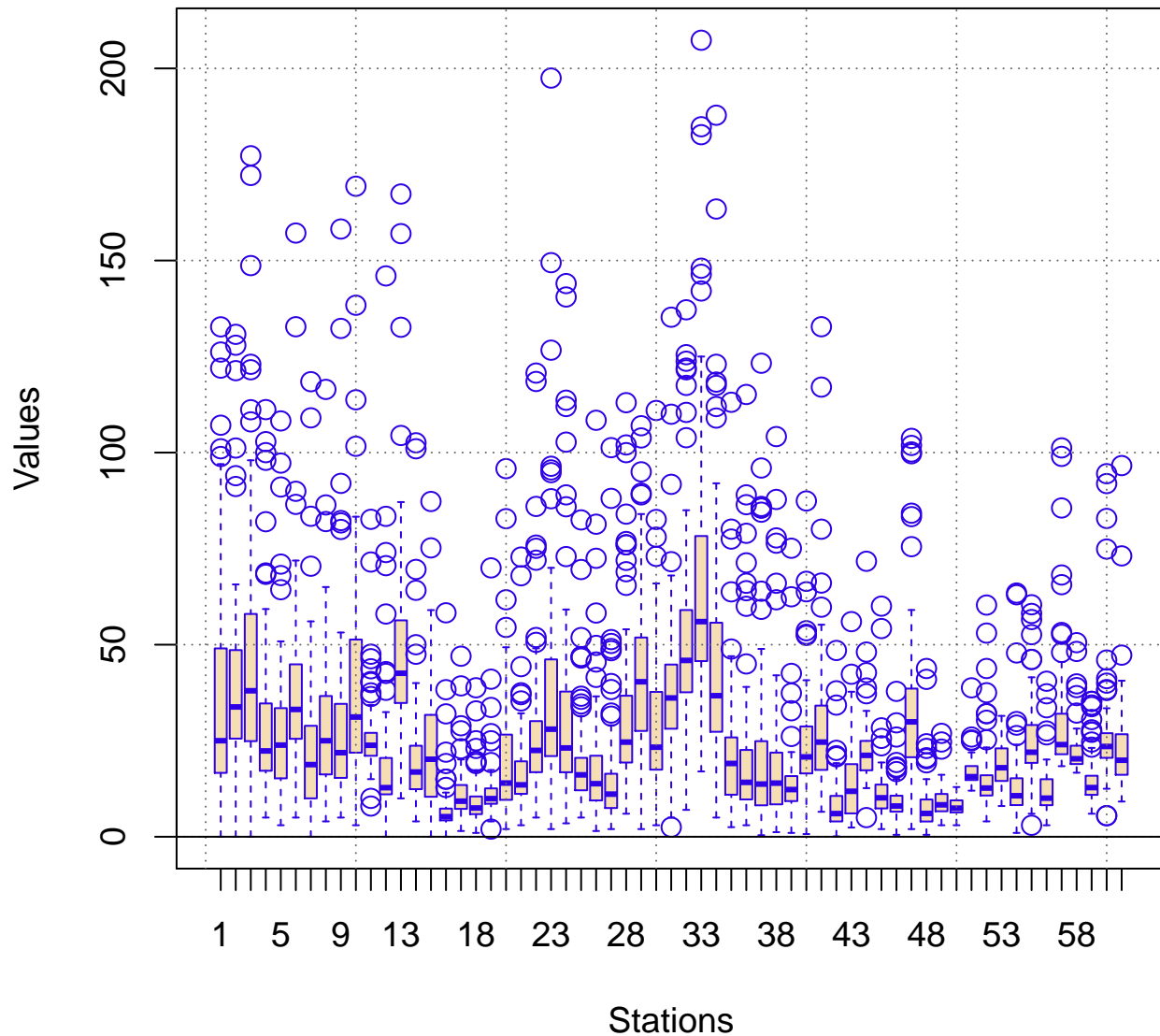
Data values of Prcp-3 (Aug)



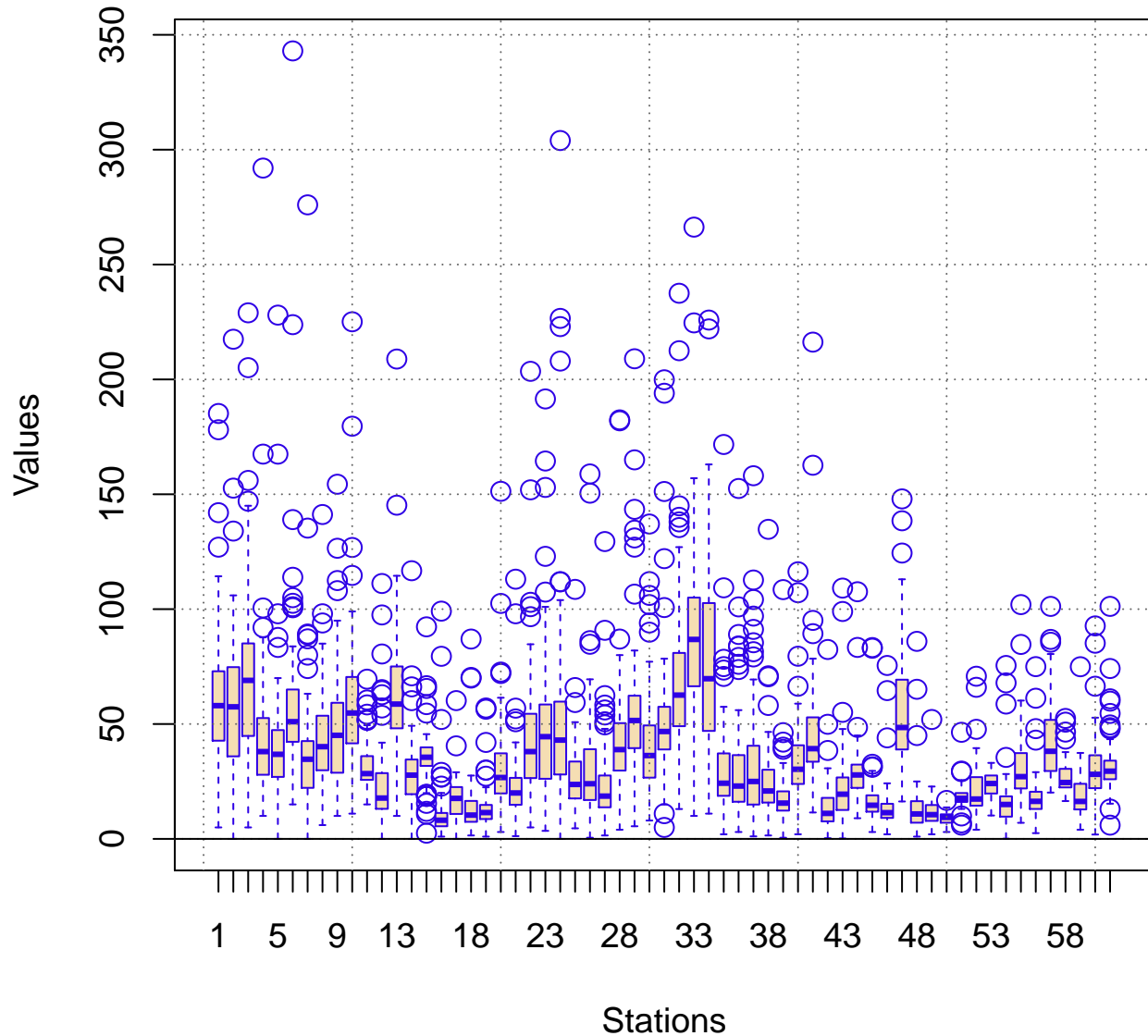
Data values of Prcp-3 (Sep)



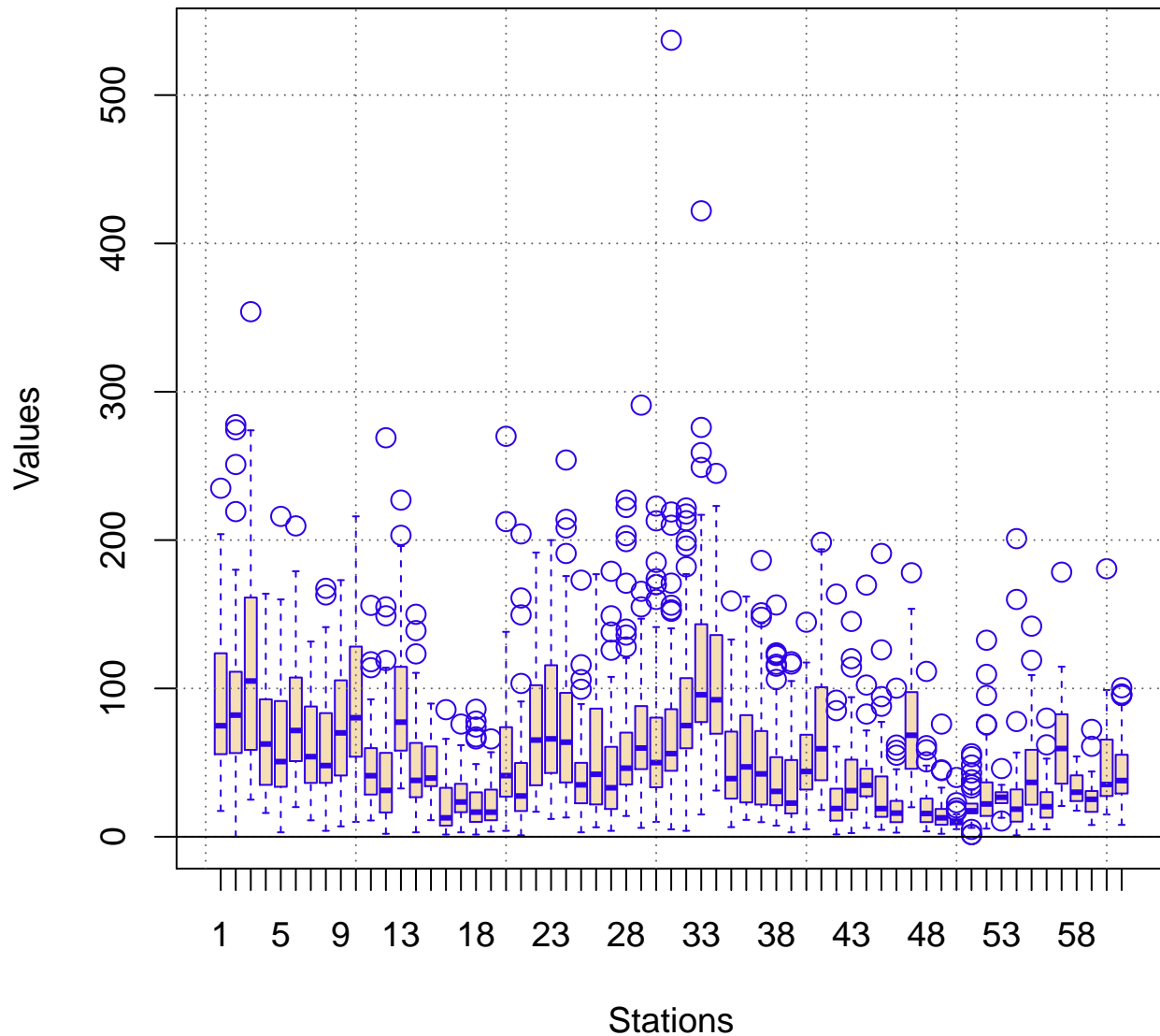
Data values of Prcp-3 (Oct)



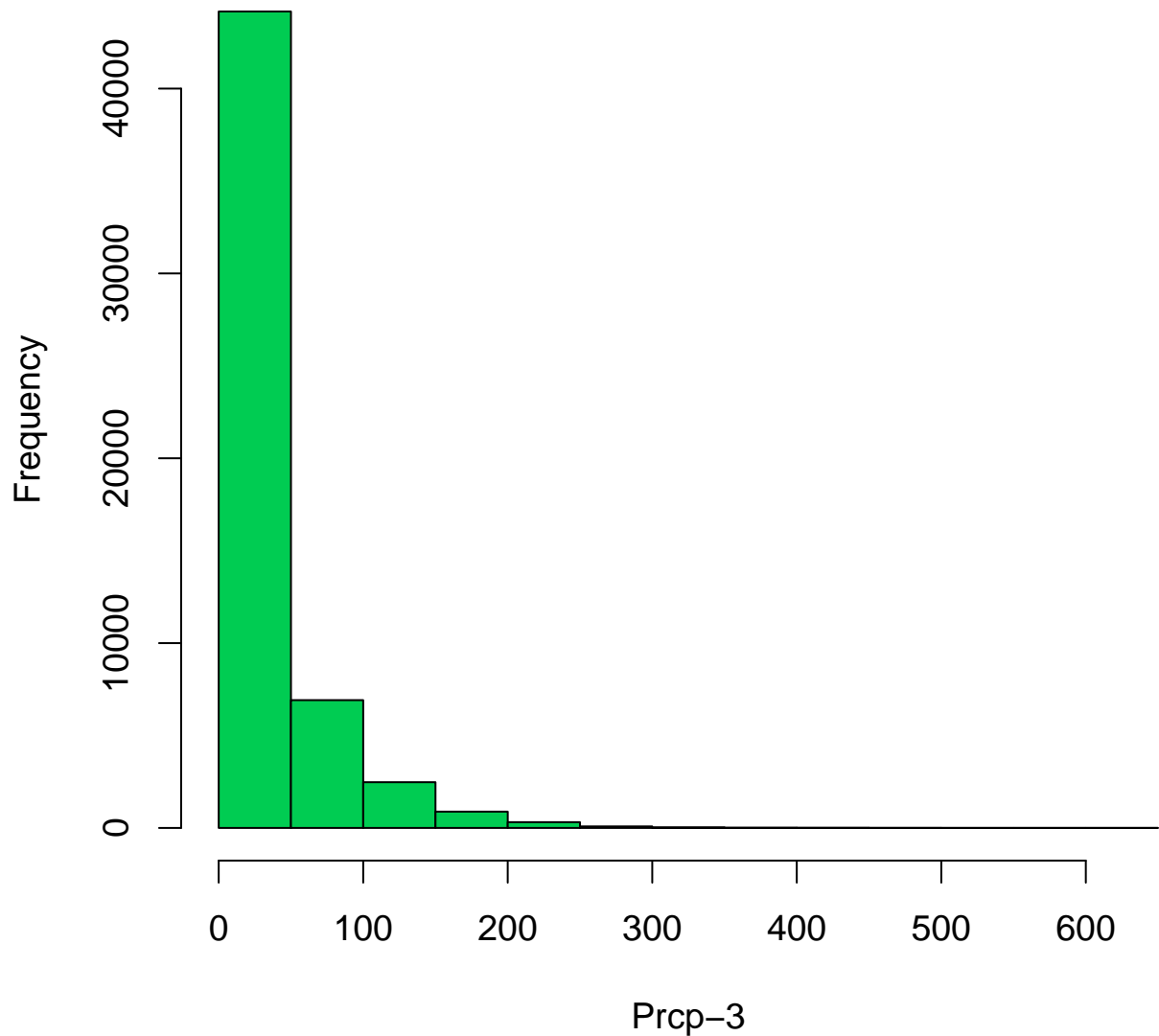
Data values of Prcp-3 (Nov)



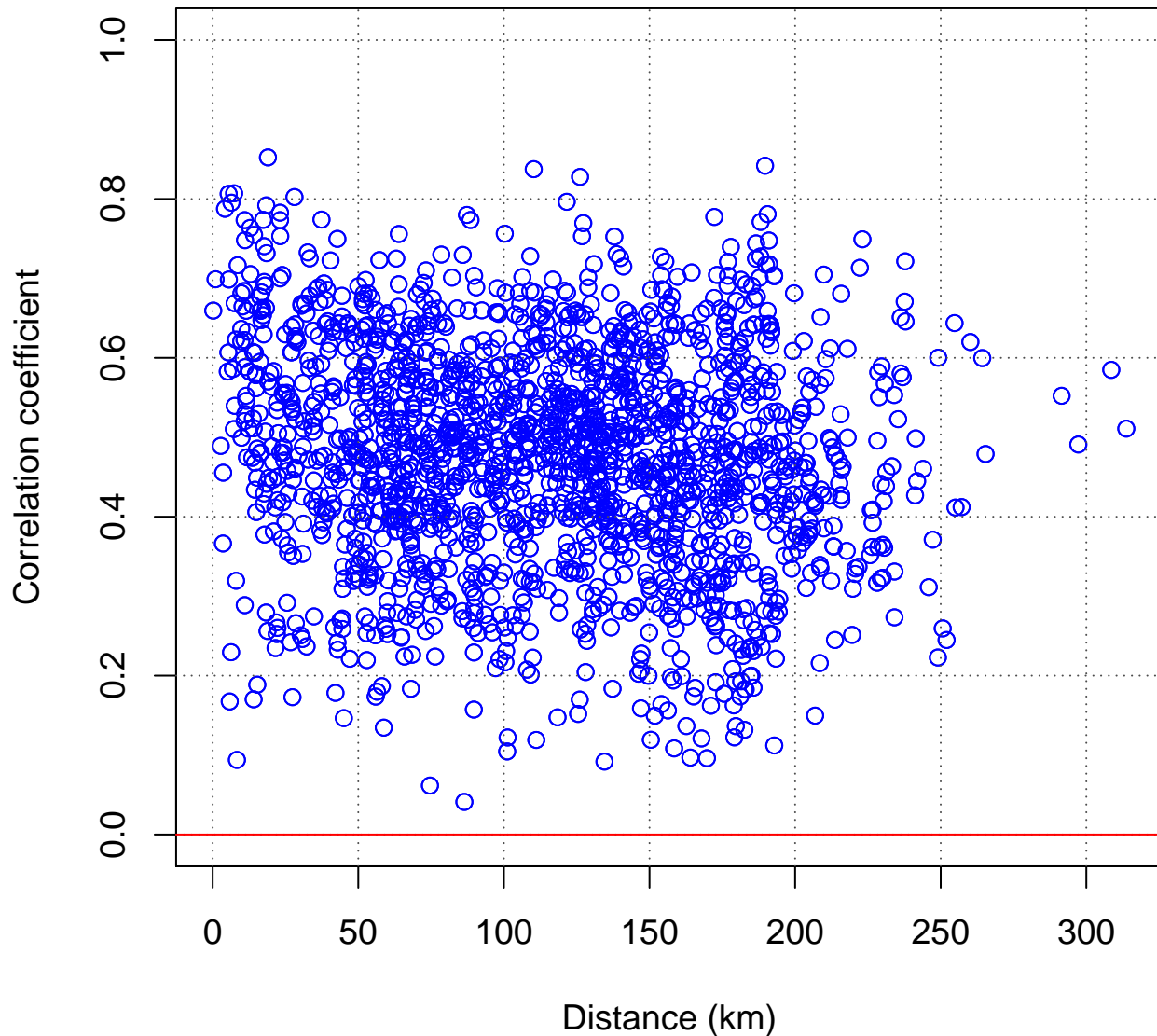
Data values of Prcp-3 (Dec)



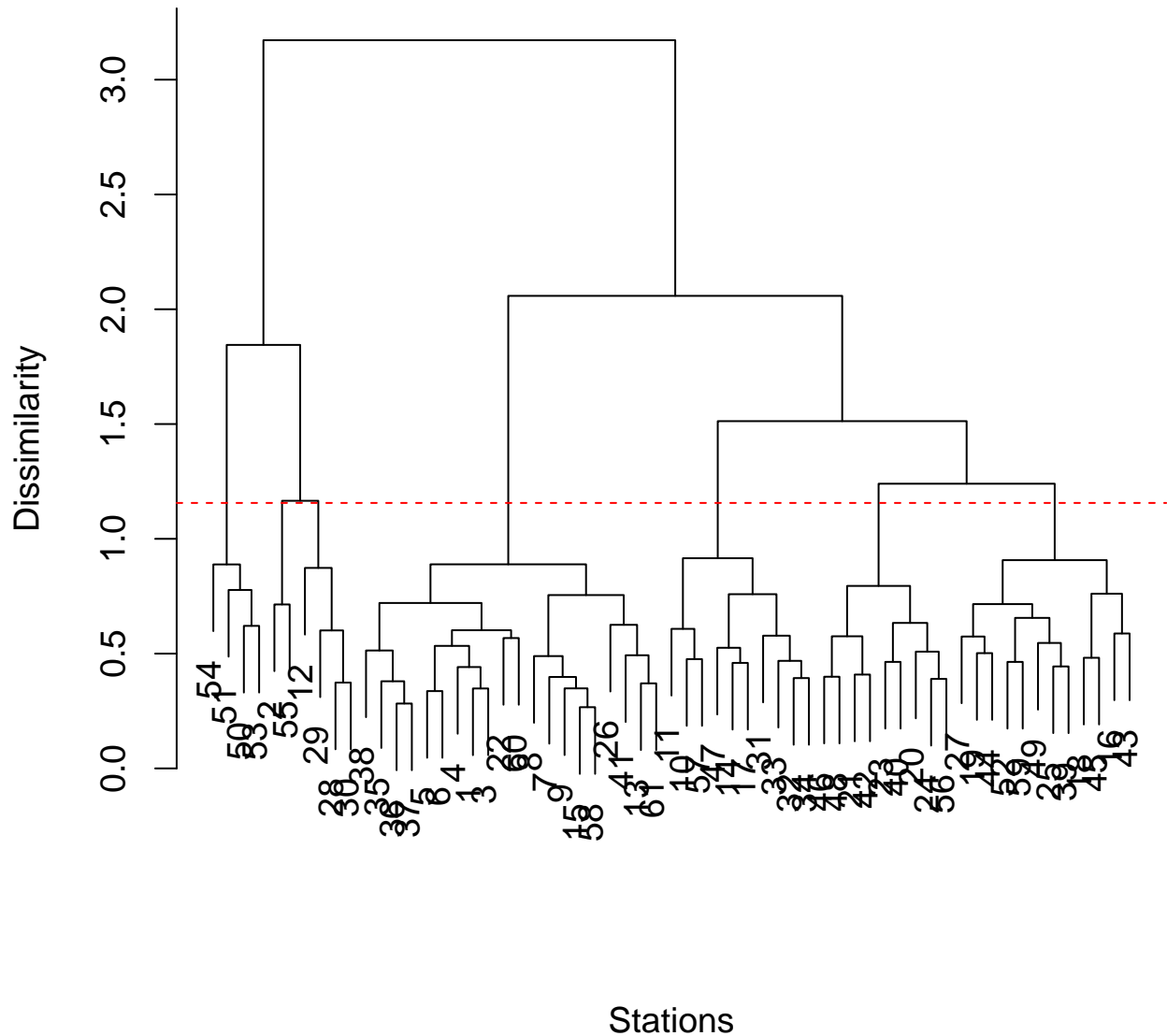
Histogram of all data



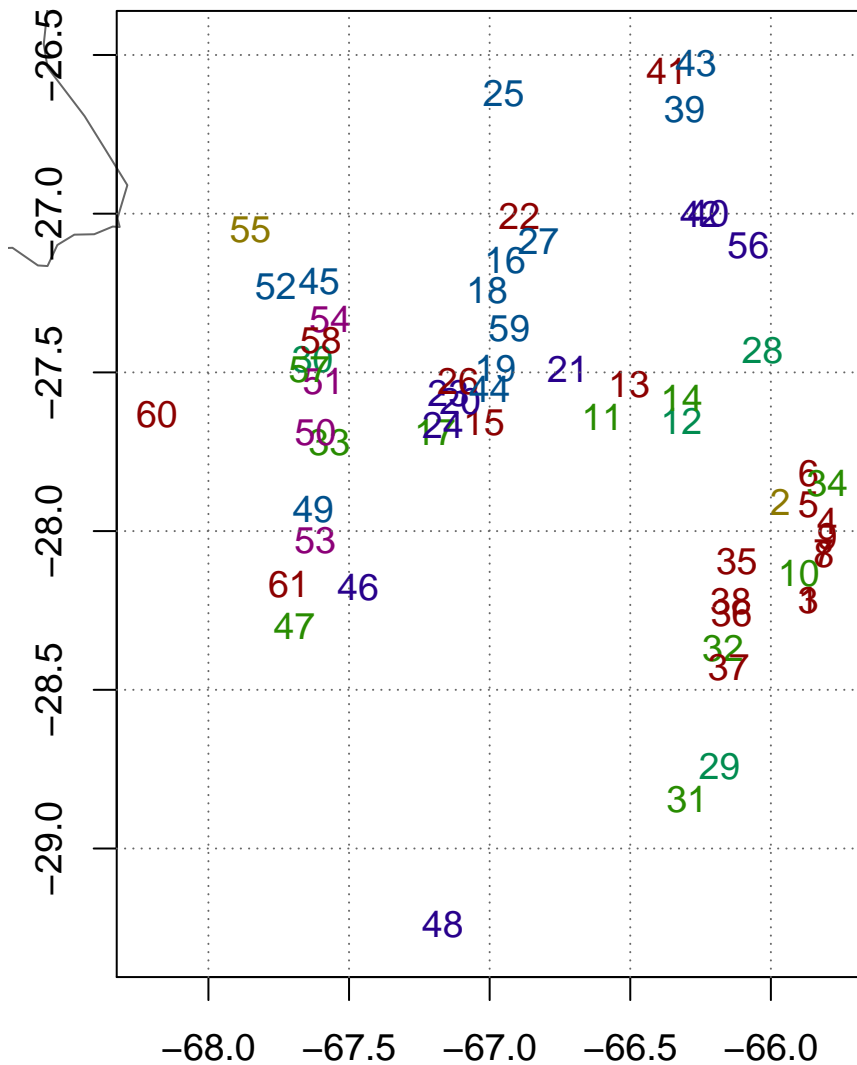
Correlogram of first difference series



Dendrogram of station clusters



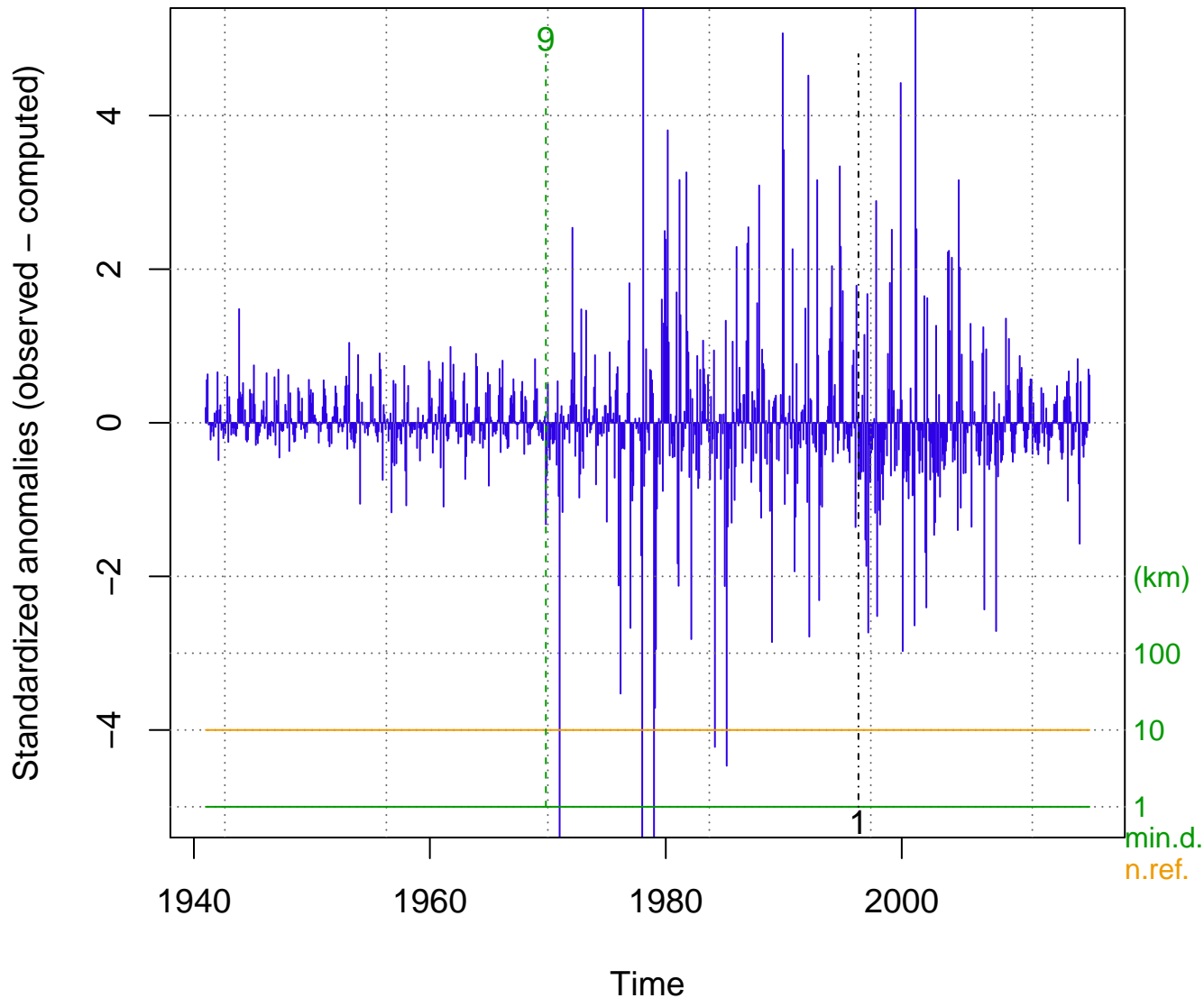
Prcp-3 station locations (7 clusters)



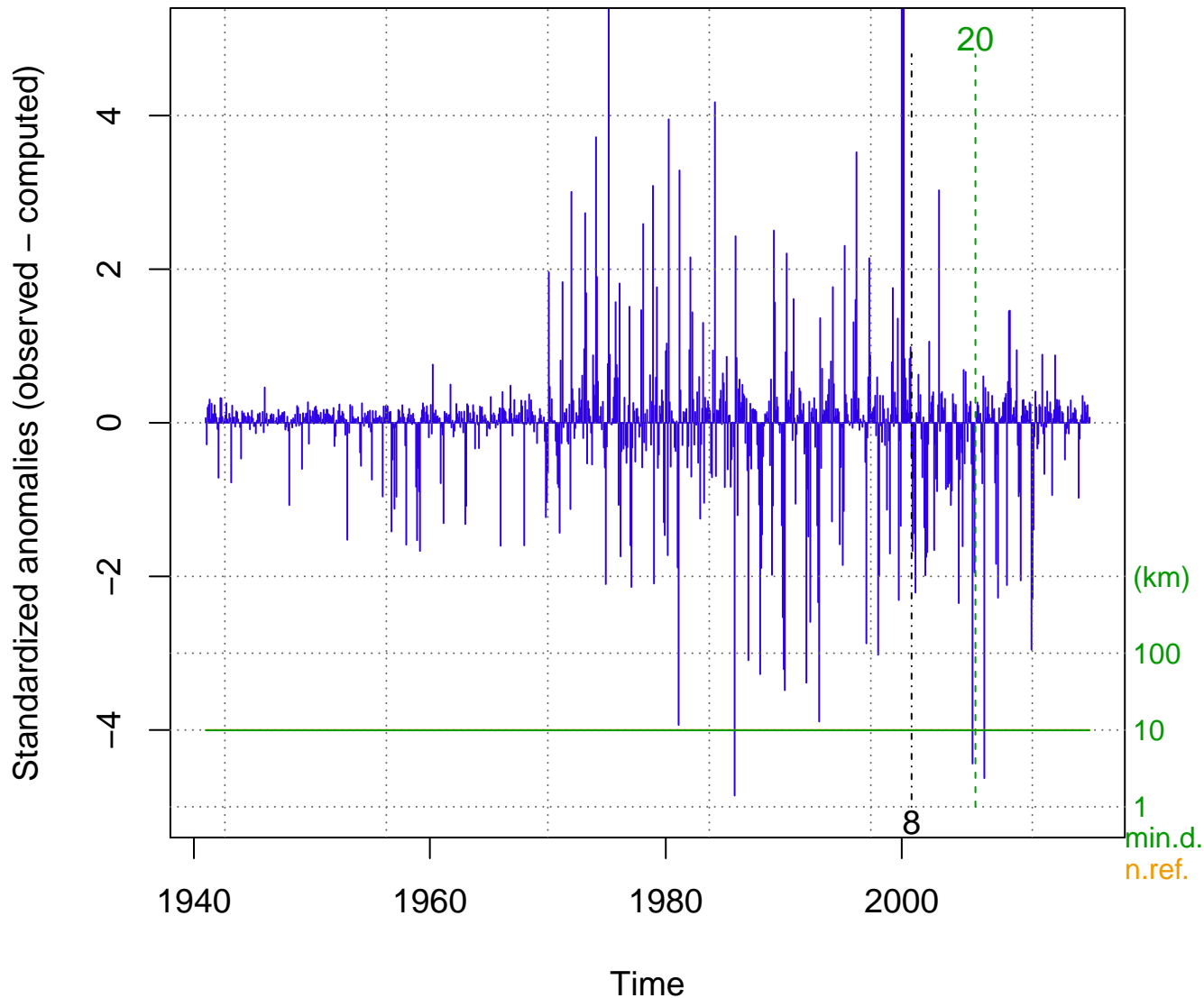
Stage 3

Anomalies after
missing data
recalculation
with $wd = 50$ km
($swa = 60$)

Prcp-3 1 (S119) El Rodeo_El Rodeo

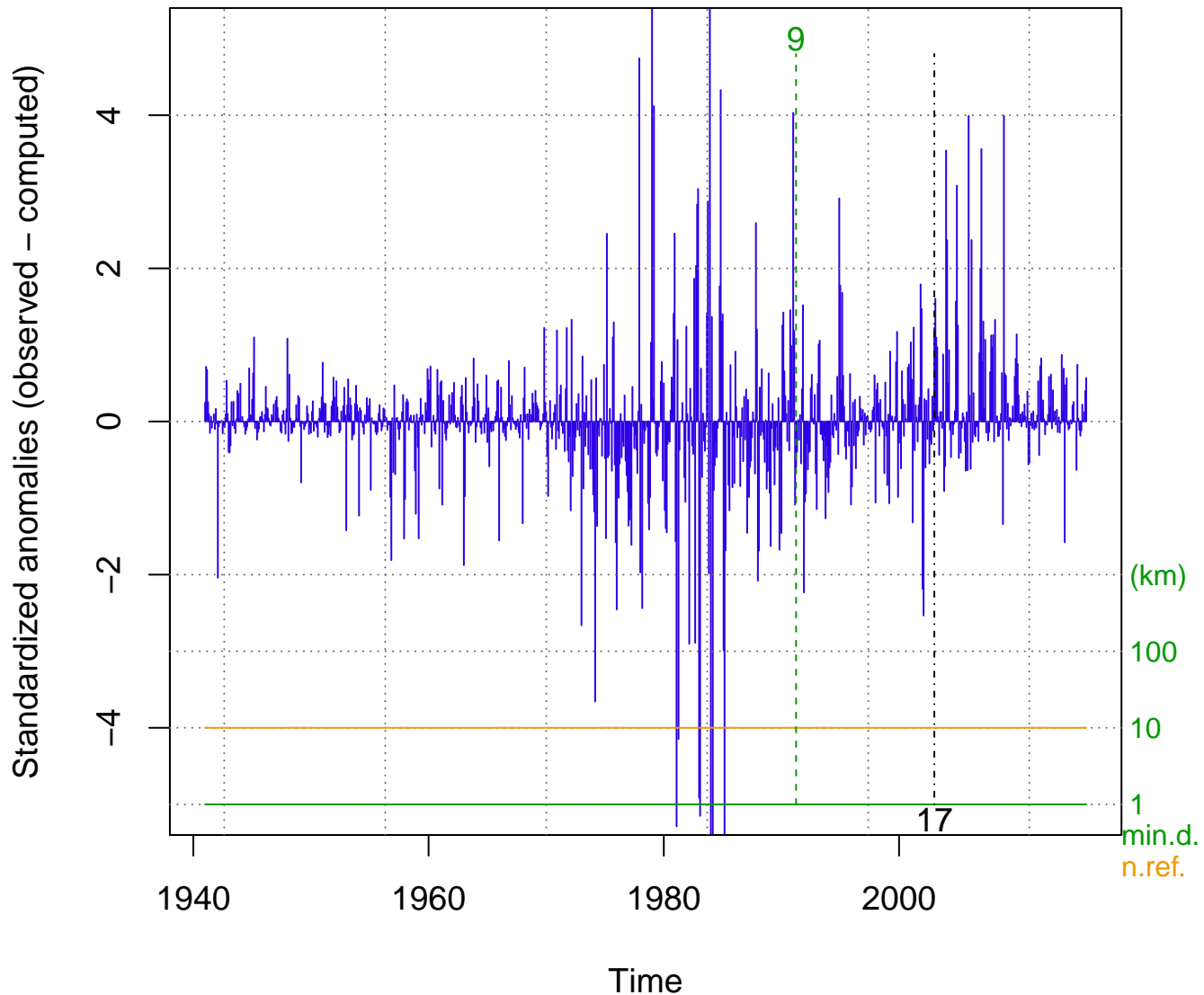


Prcp-3 2 (S120) Humaya_Humaya



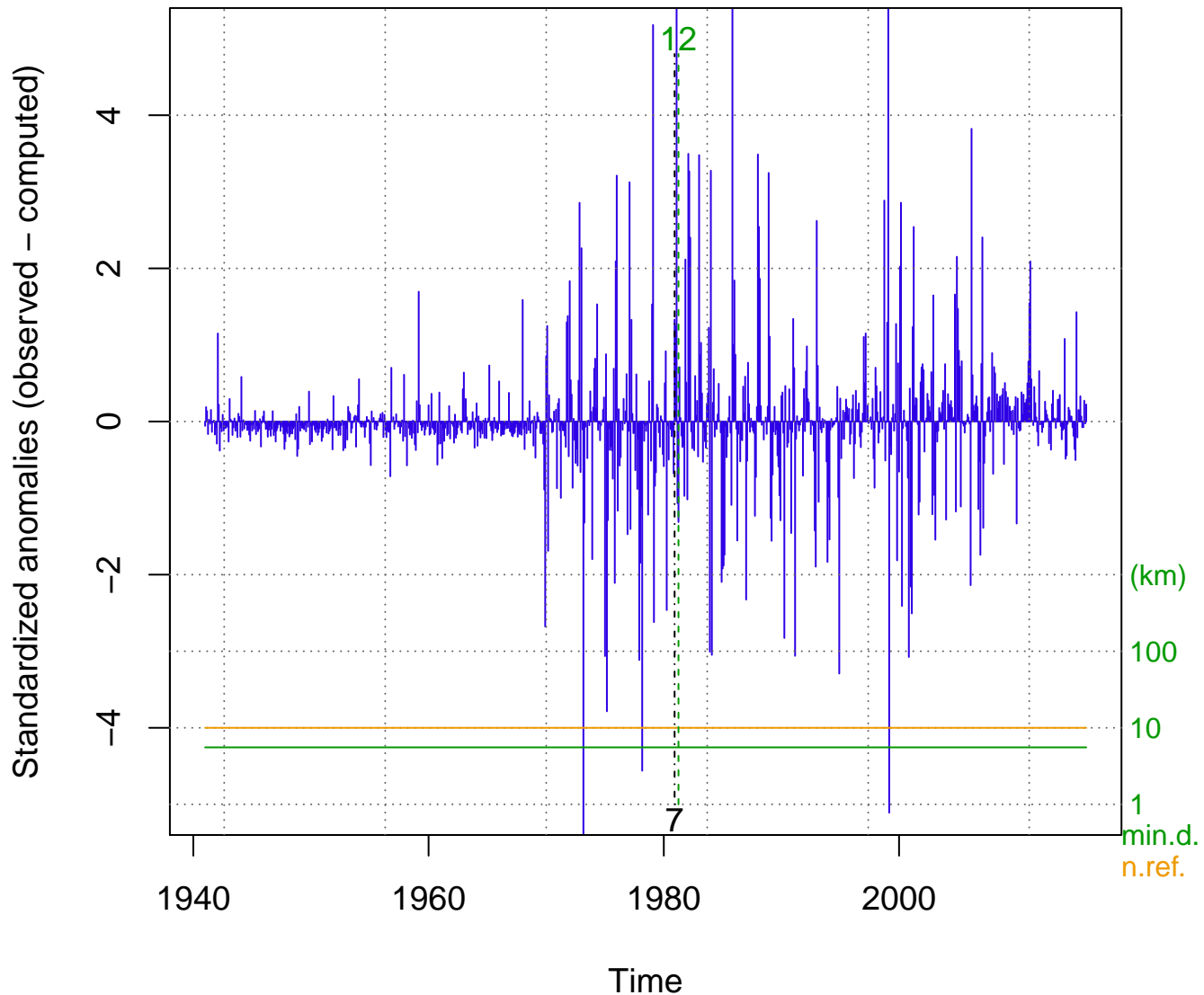
Prcp-3 3 (S121)

Las Piedras Blancas_Las Piedras Blancas

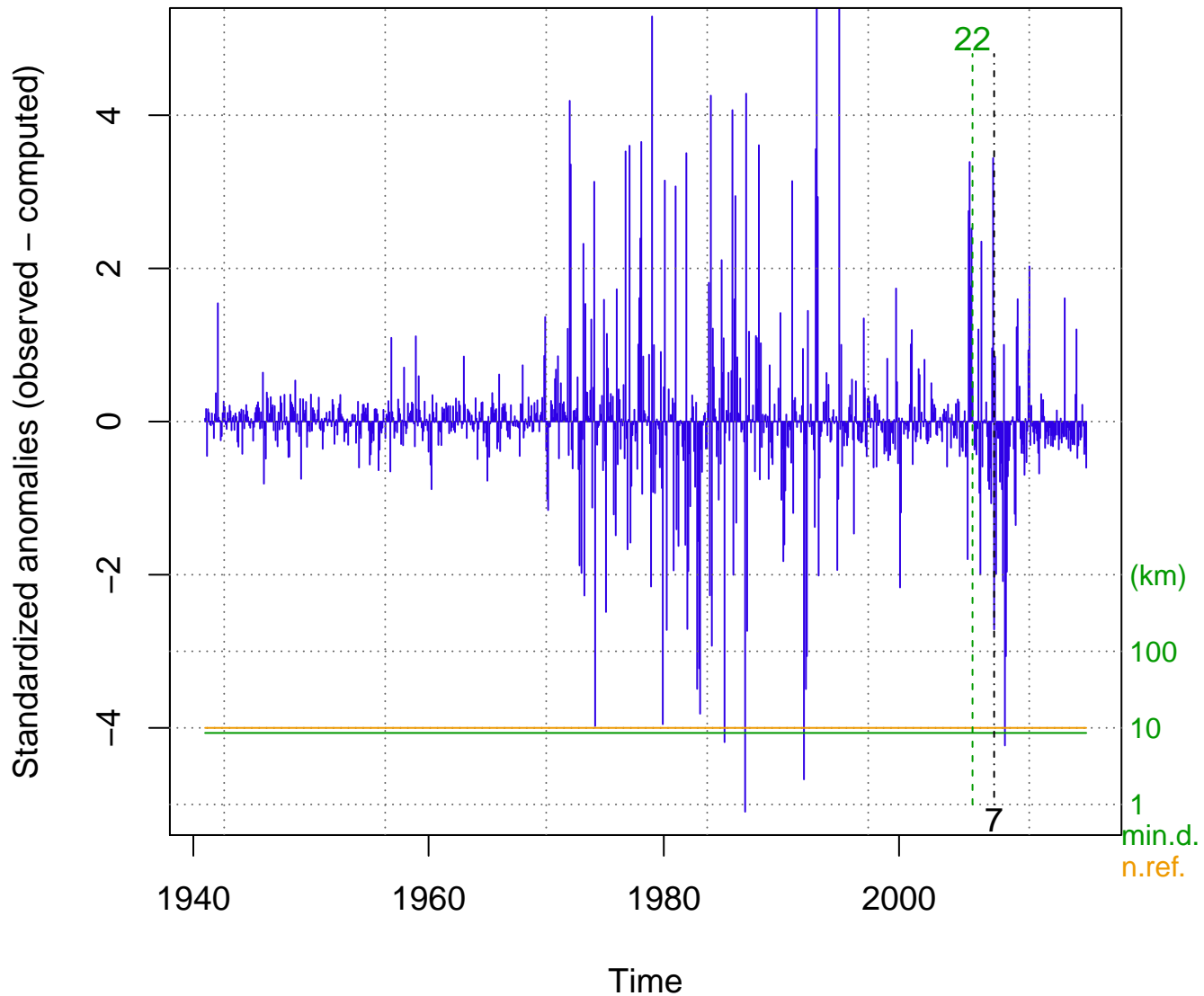


Prcp-3 4 (S122)

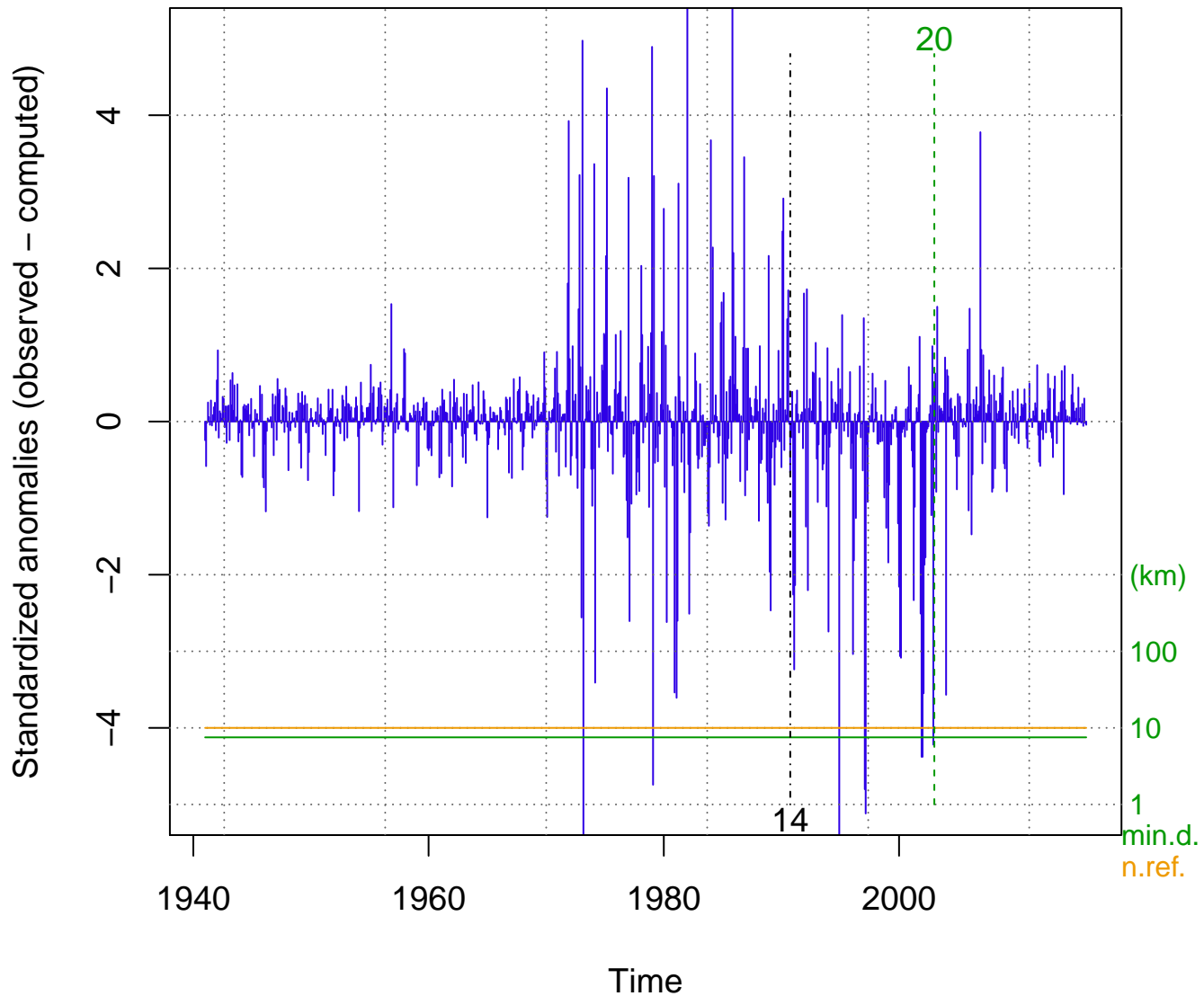
Los Castillos_Los Castillos



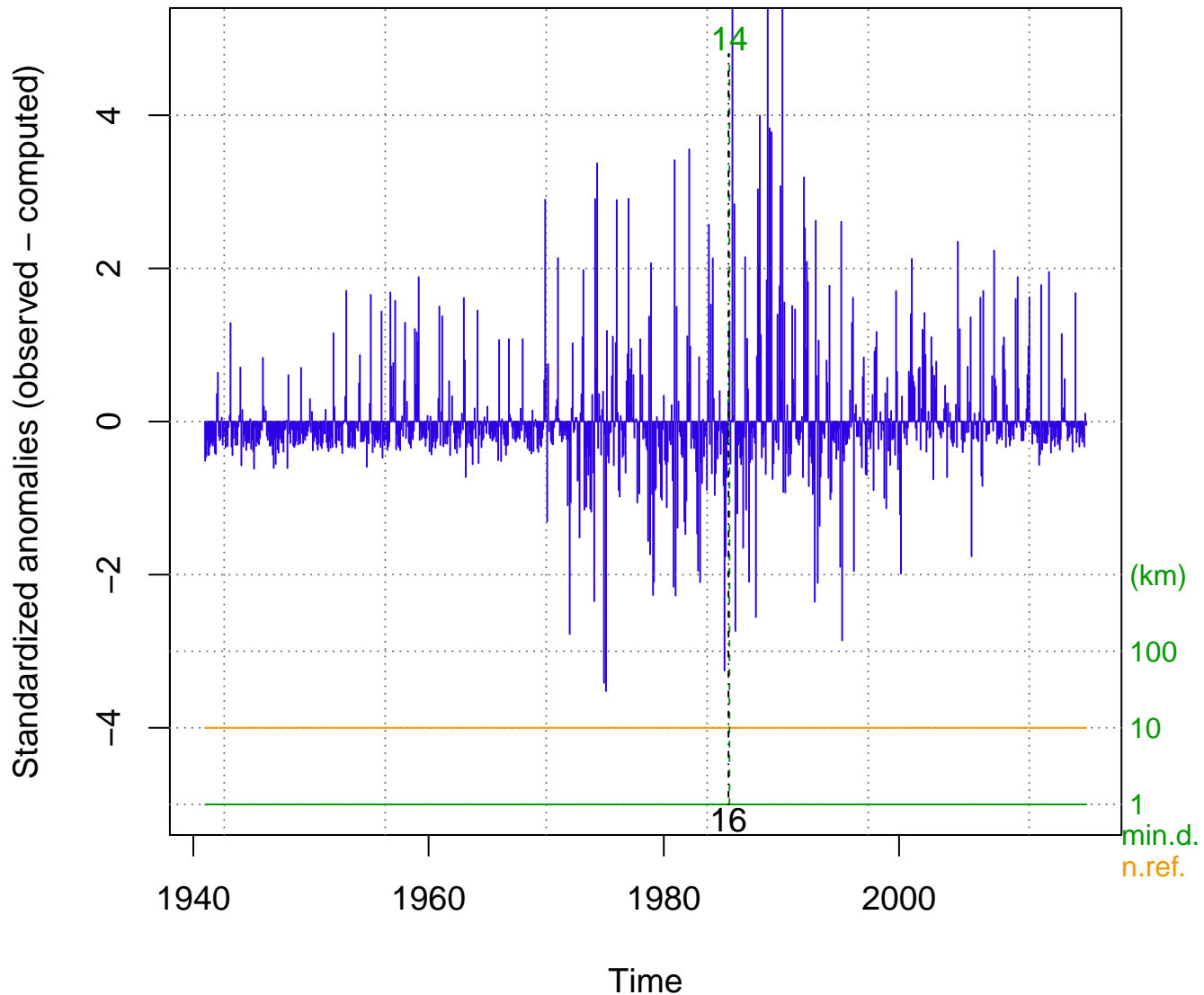
Prcp-3 5 (S123)
Los Varelas_Los Varelas



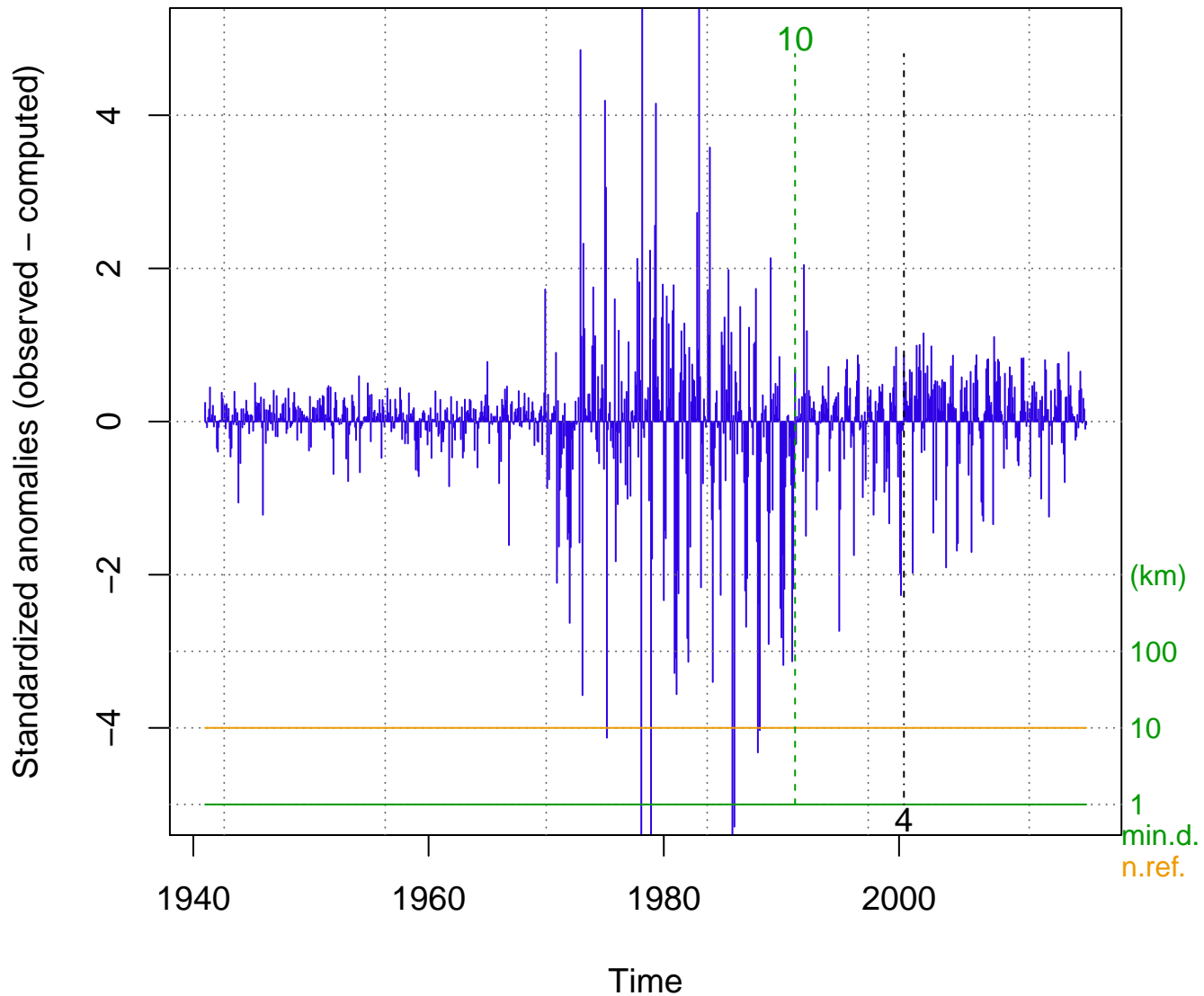
Prcp-3 6 (S124) Singuil_Singuil



Prcp-3 7 (S125) Colpes_Colpes

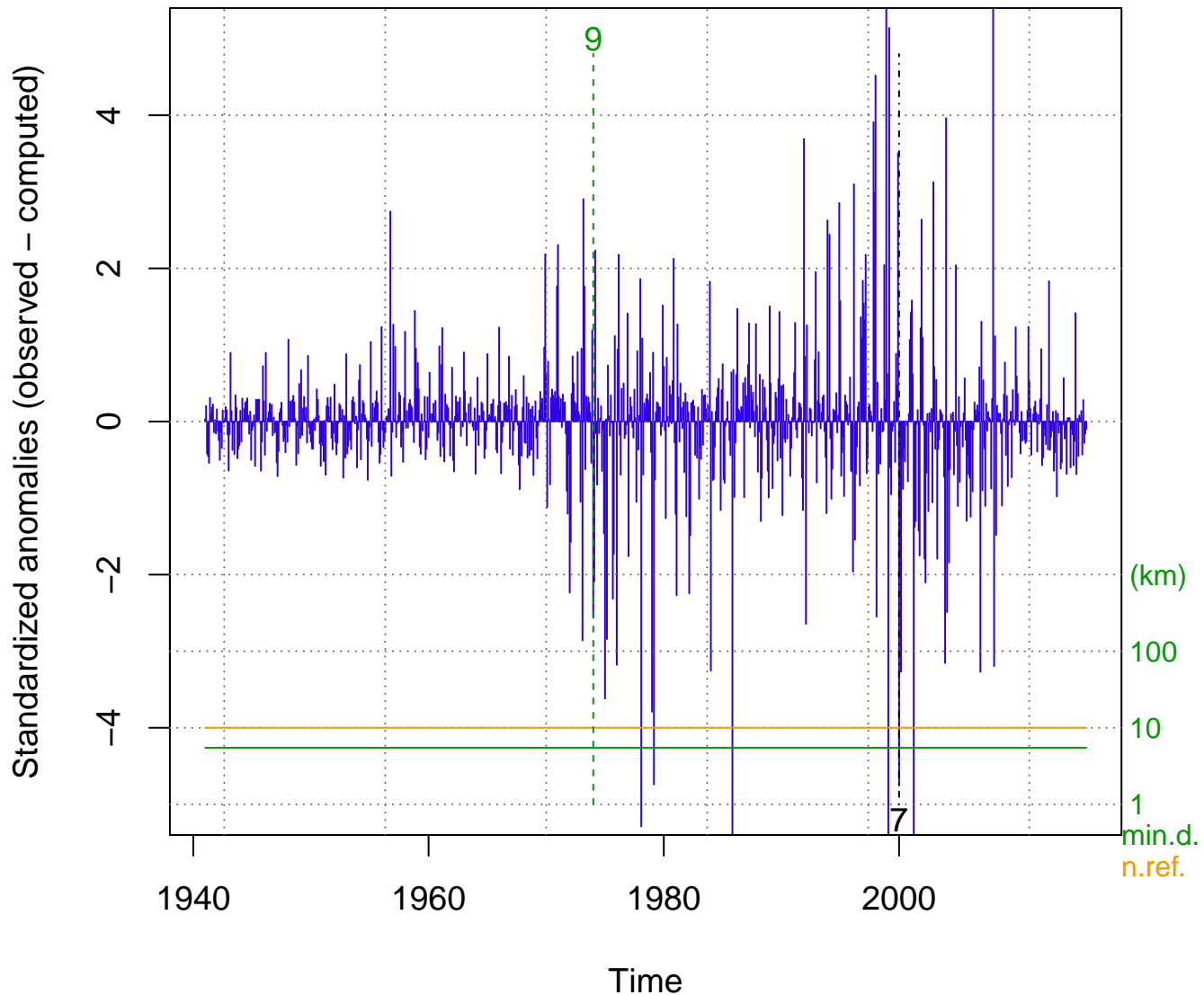


Prcp-3 8 (S126) Huaycama_Huaycama

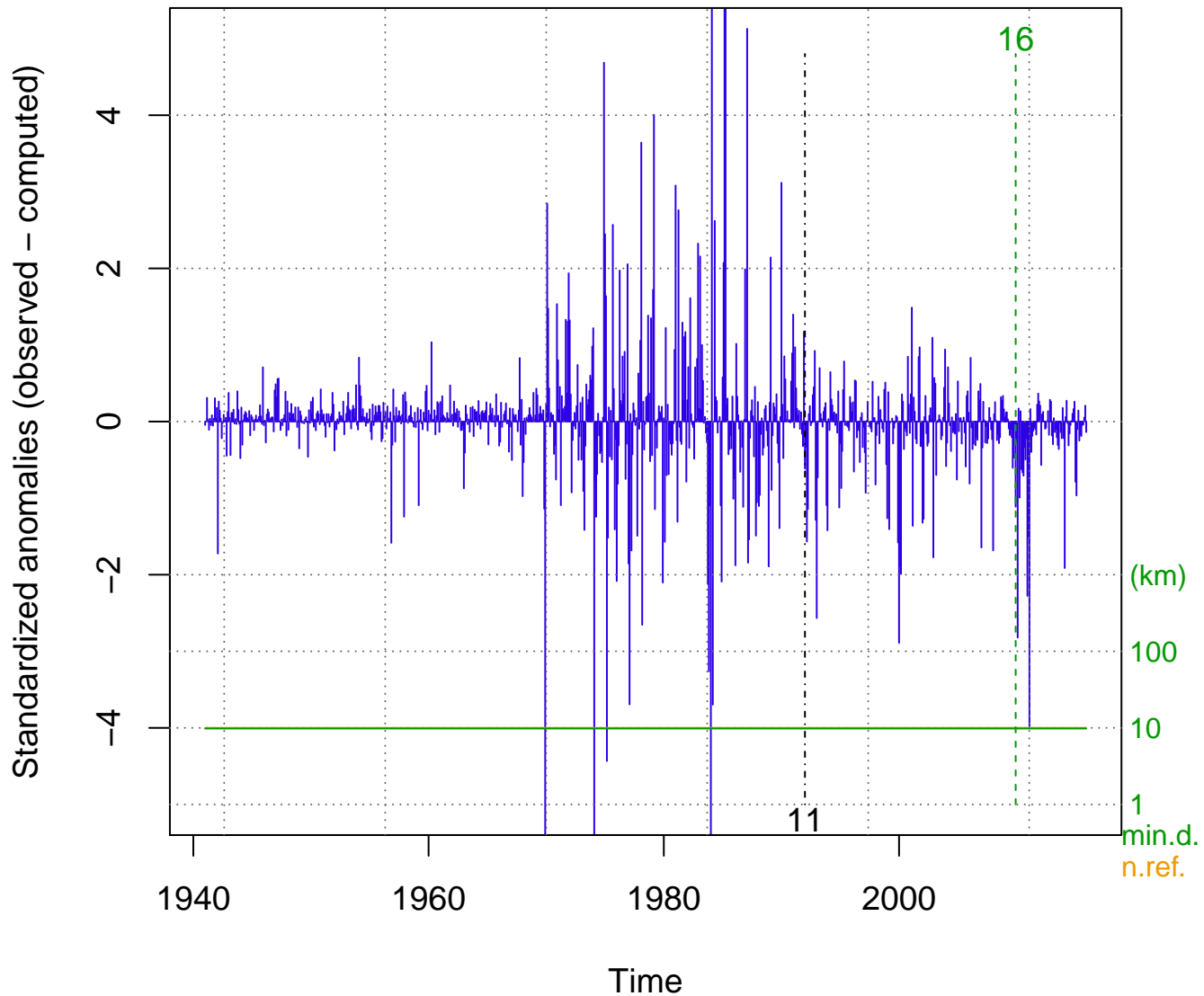


Prcp-3 9 (S128)

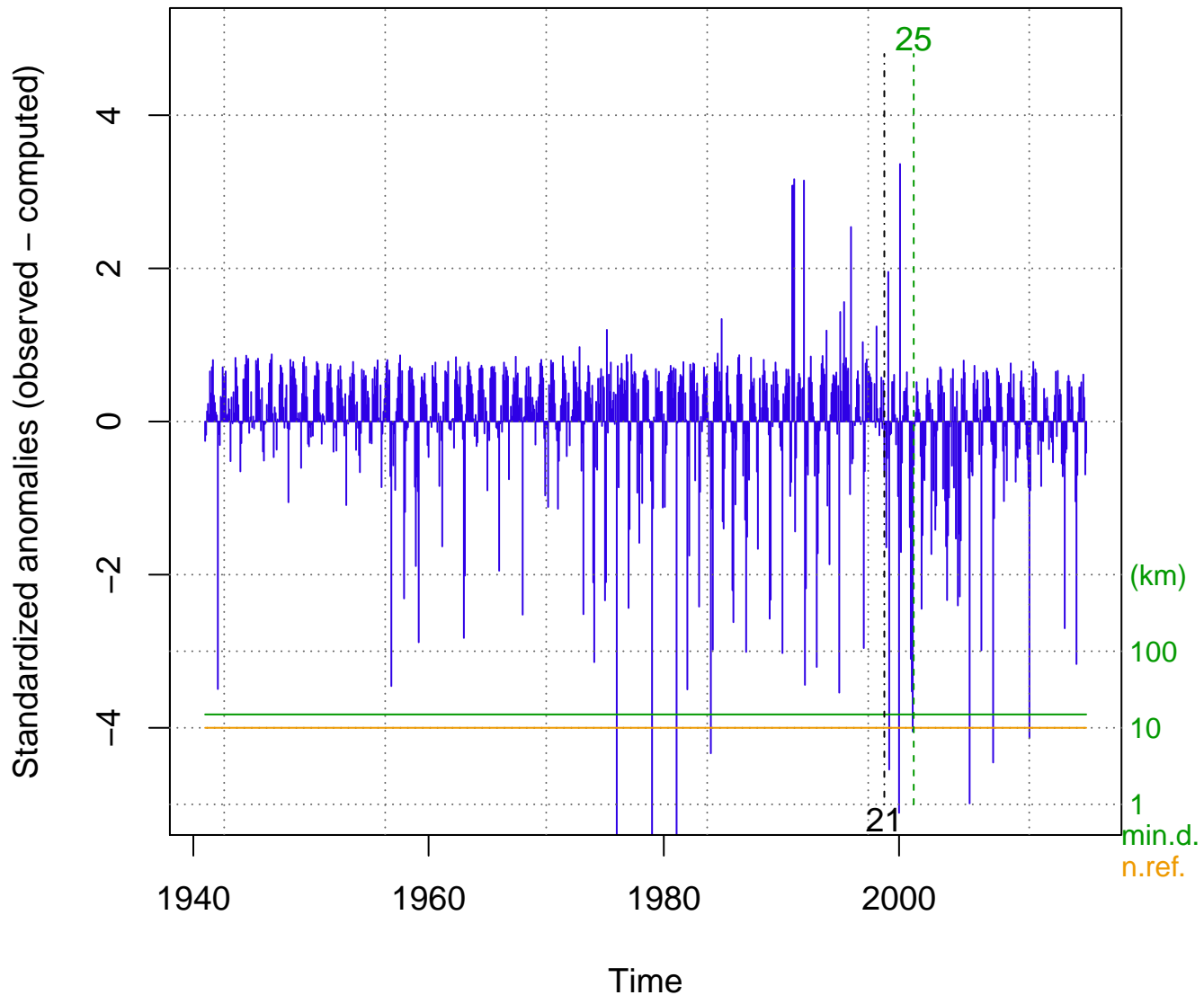
La Rinconada_La Rinconada



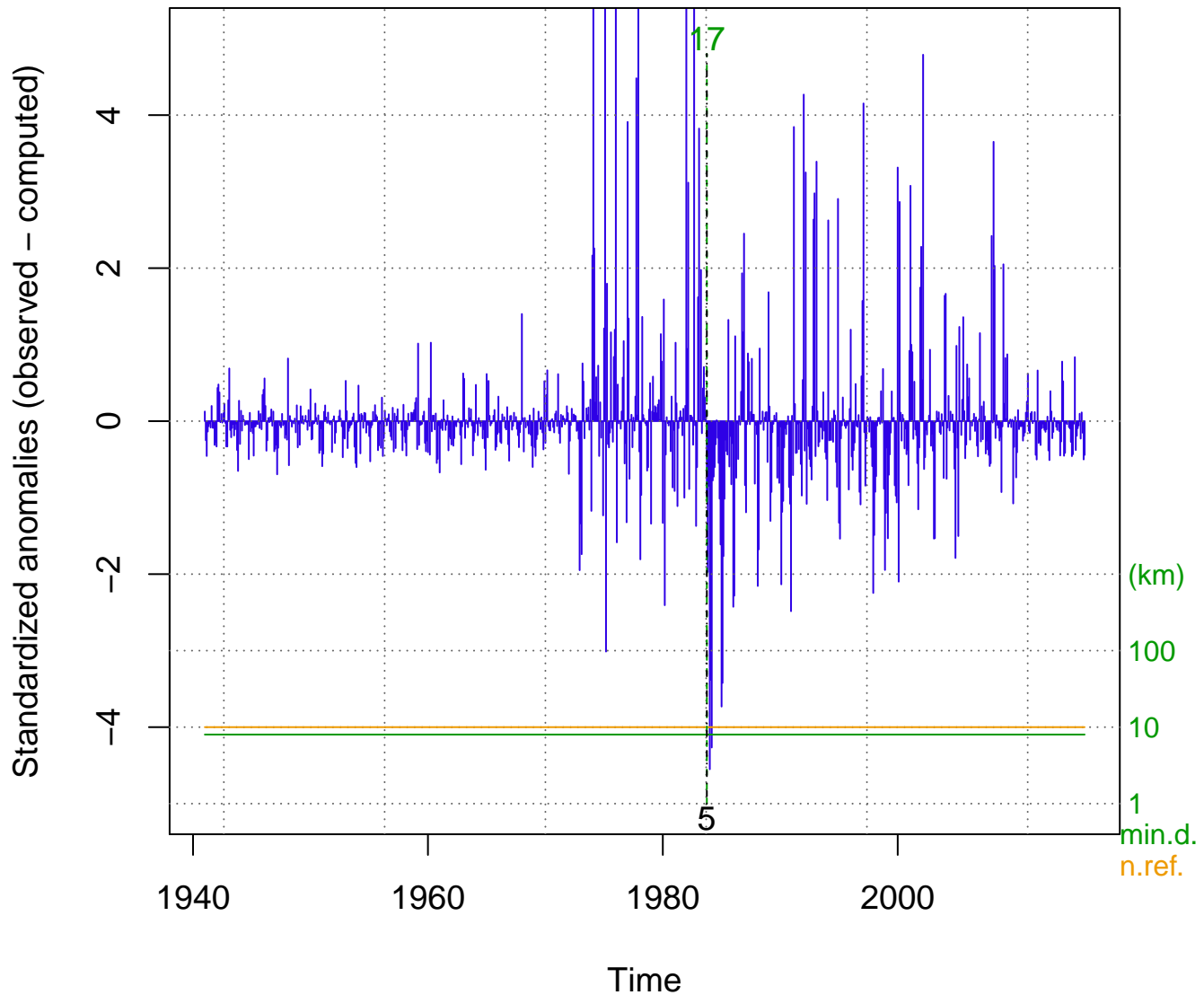
Prct-3 10 (S129)
Las Juntas_Las Juntas



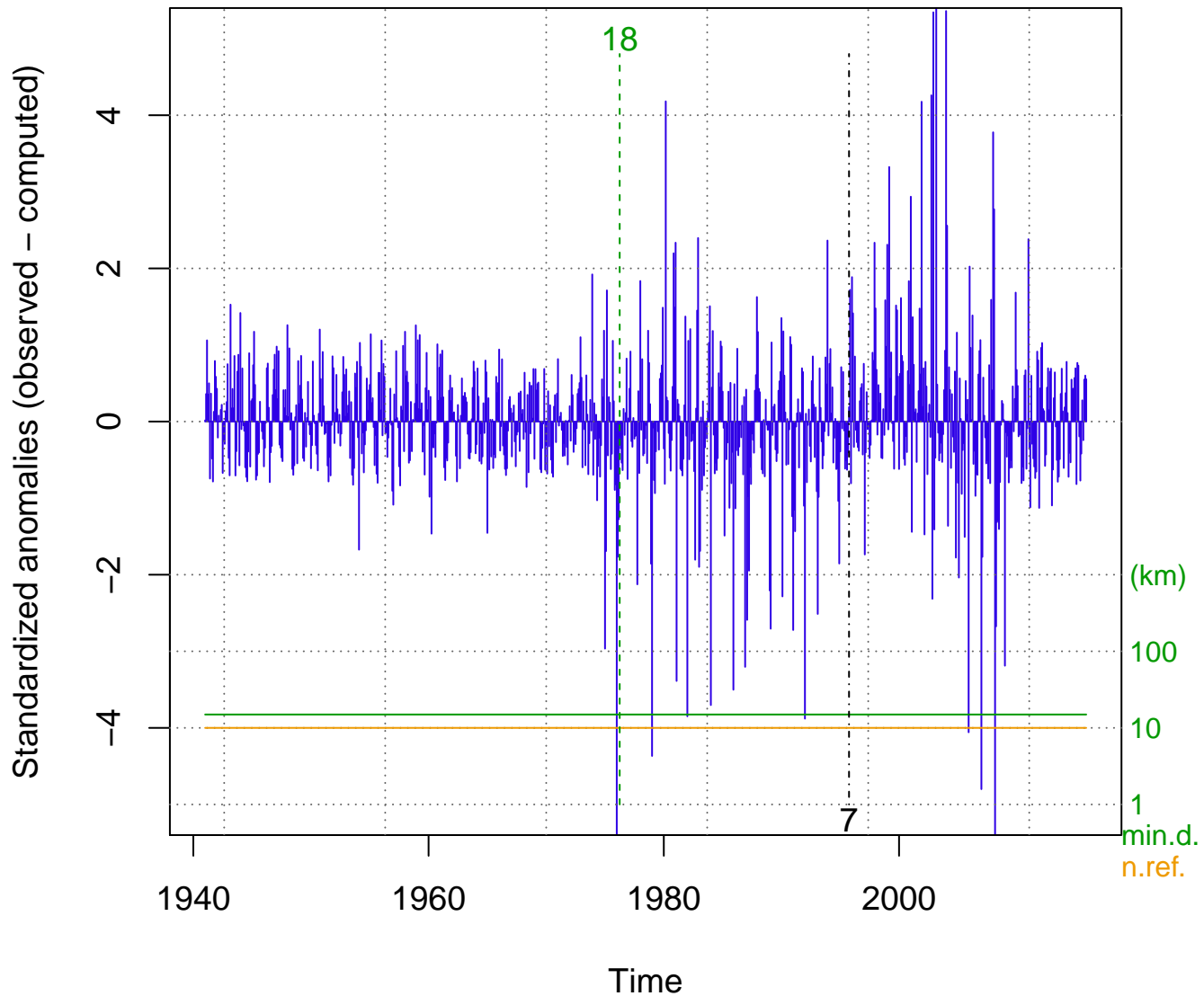
Prcp-3 11 (S149)
Agua Salada_Agua Salada



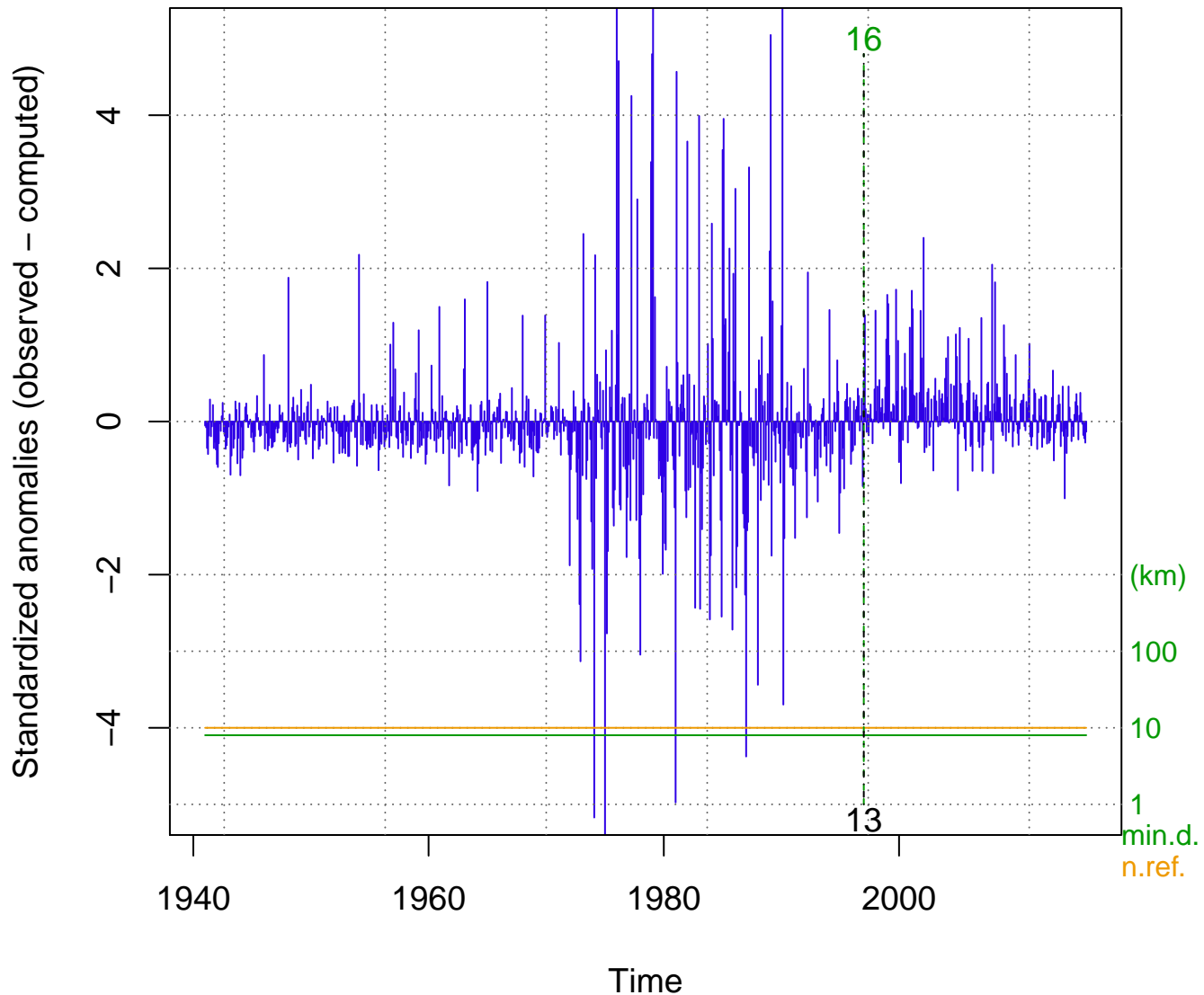
Prép-3 12 (S150) Amano_Amano



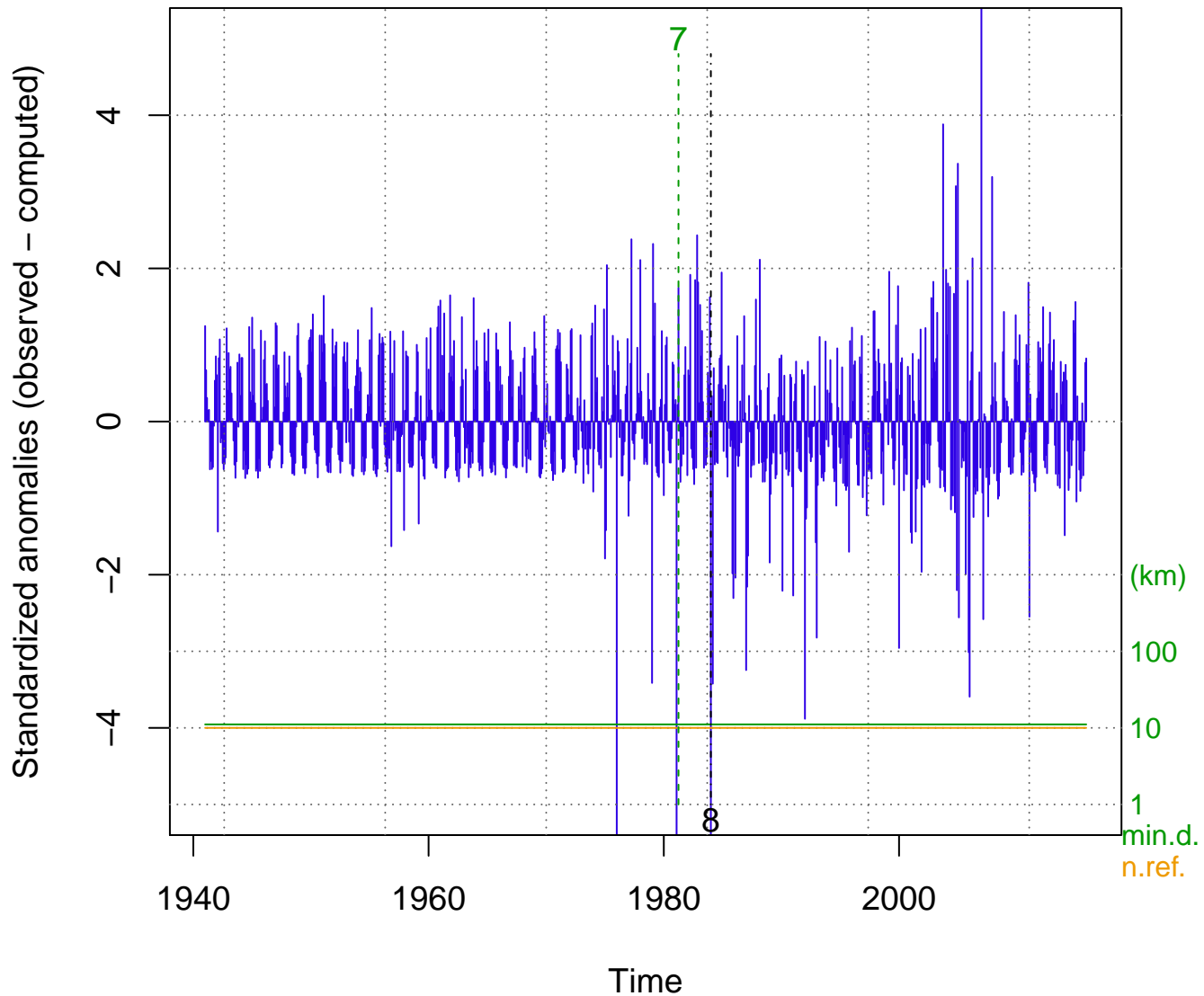
Prcp-3 13 (S151)
El Potrero_El Potrero



Prcp-3 14 (S152)
Villa Villa_Villa Villa

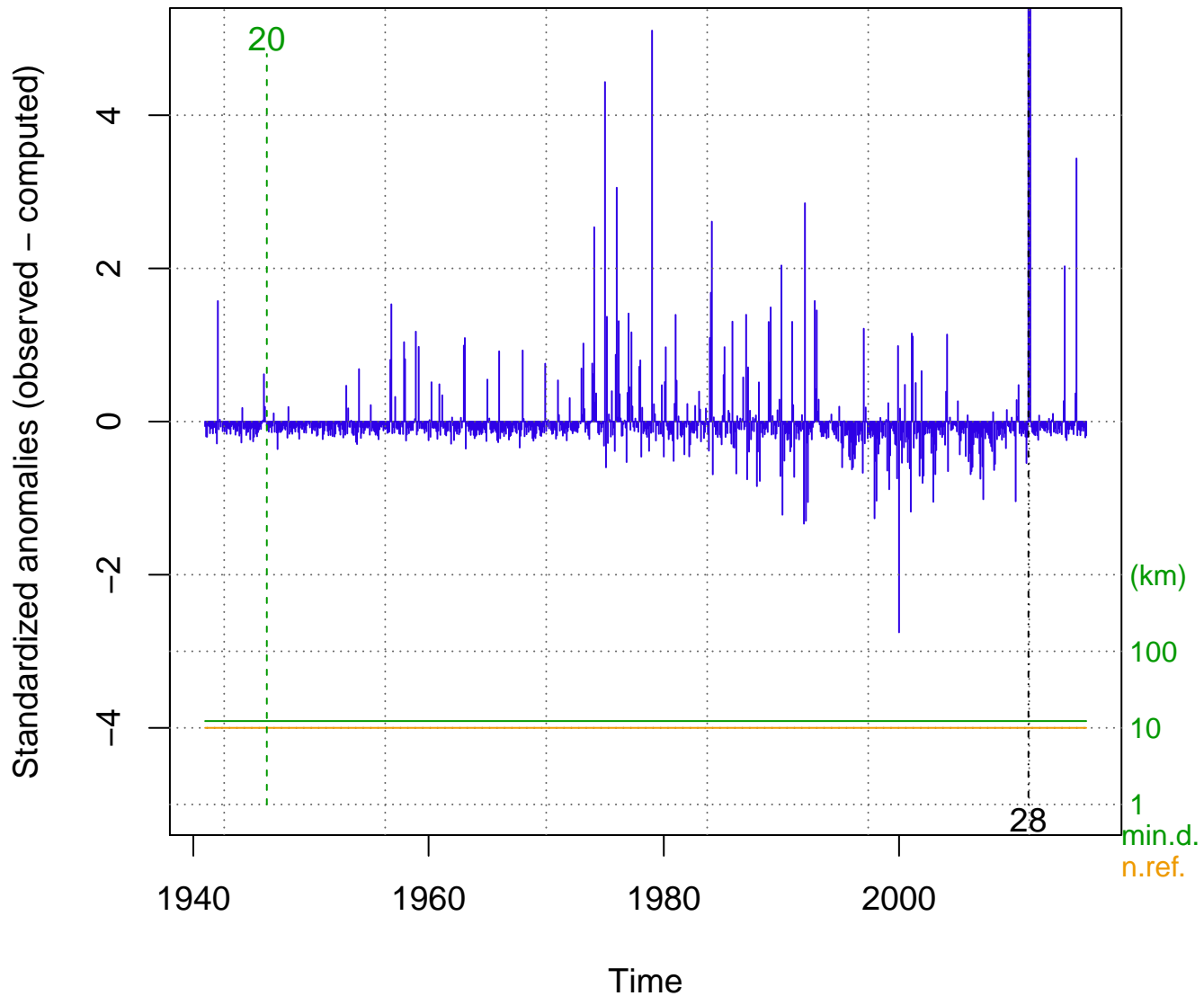


Prct-3 15 (S153)
Belen_Belen

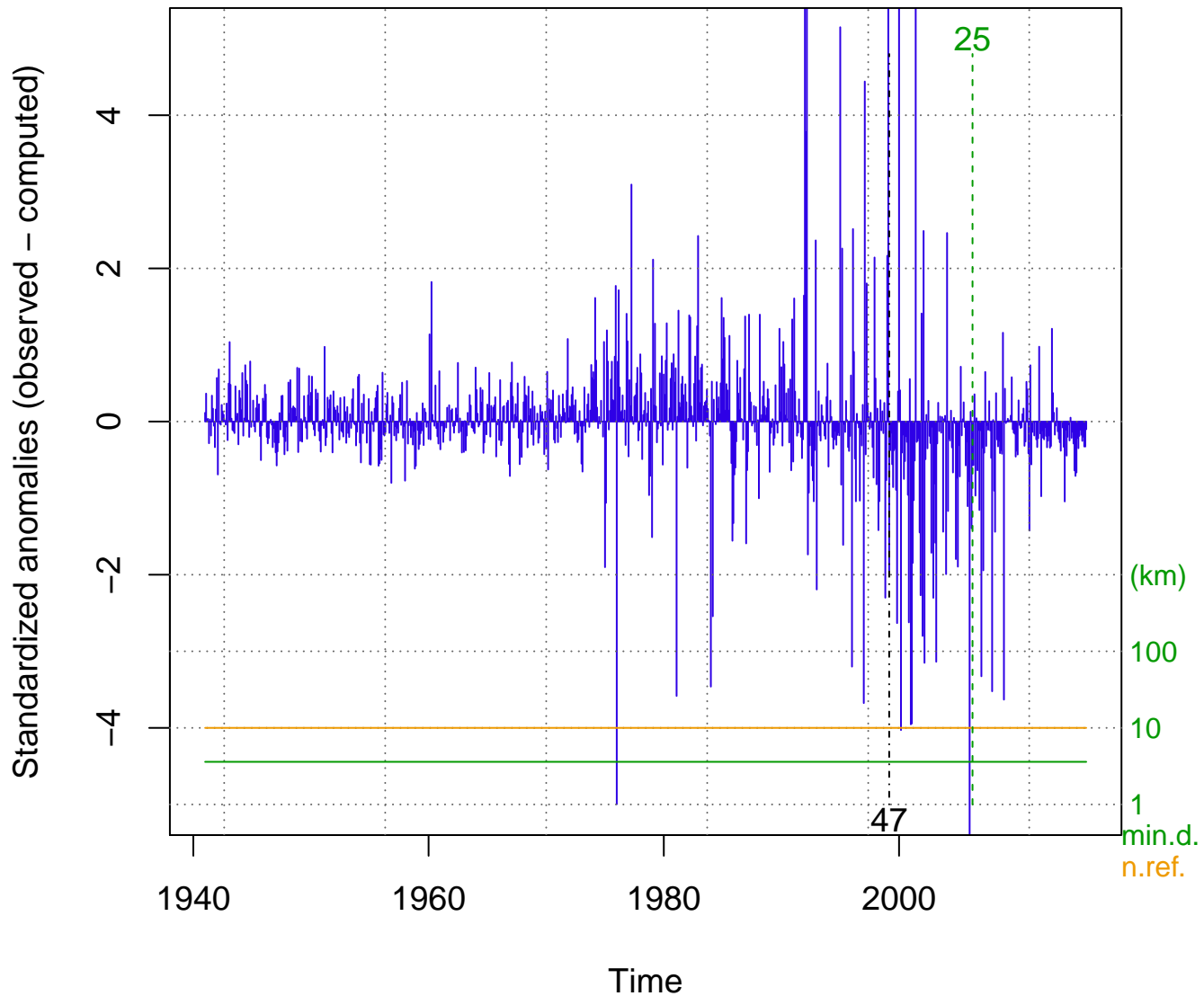


Prép-3 16 (S154)

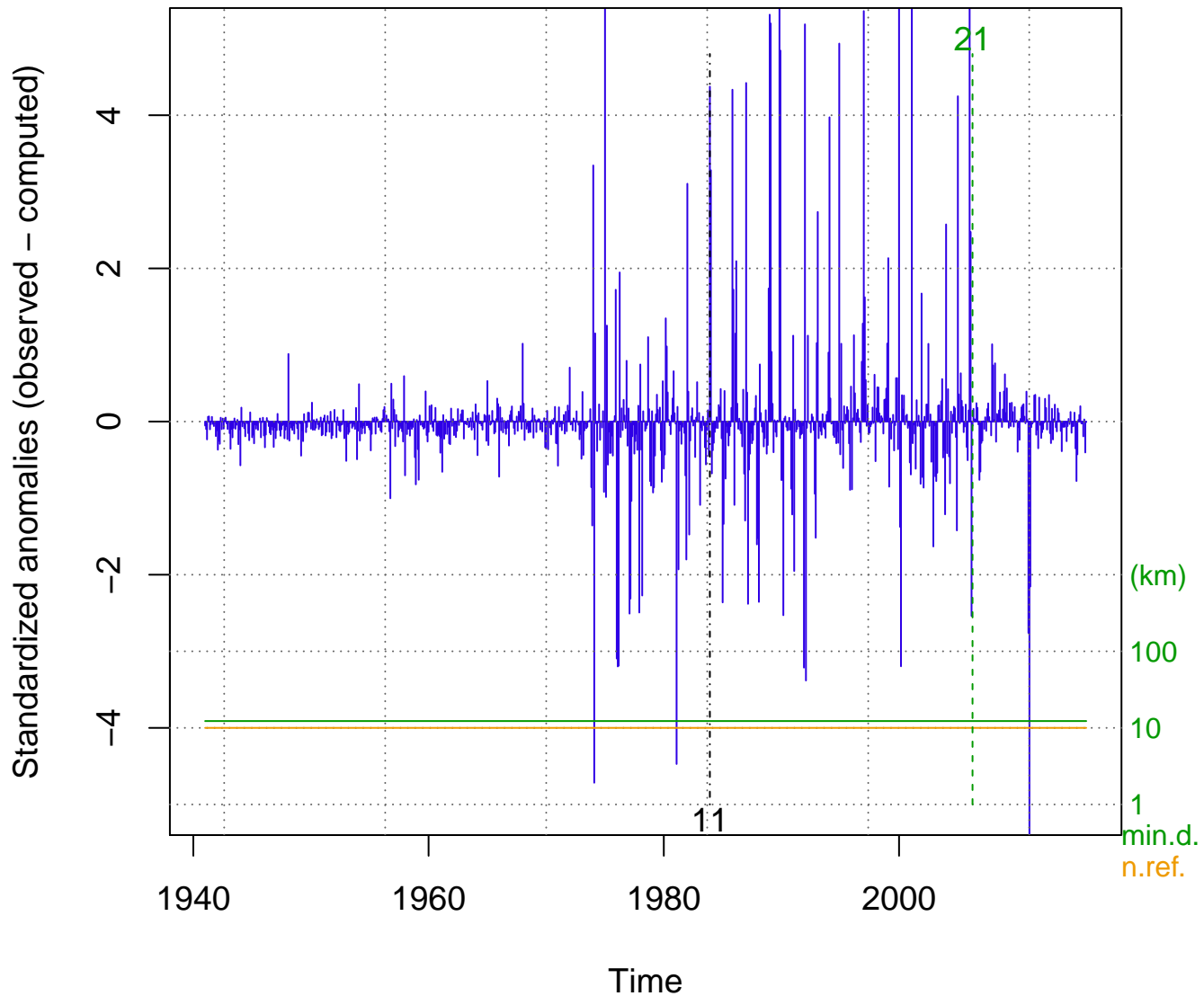
Corral Quemado_Corral Quemado



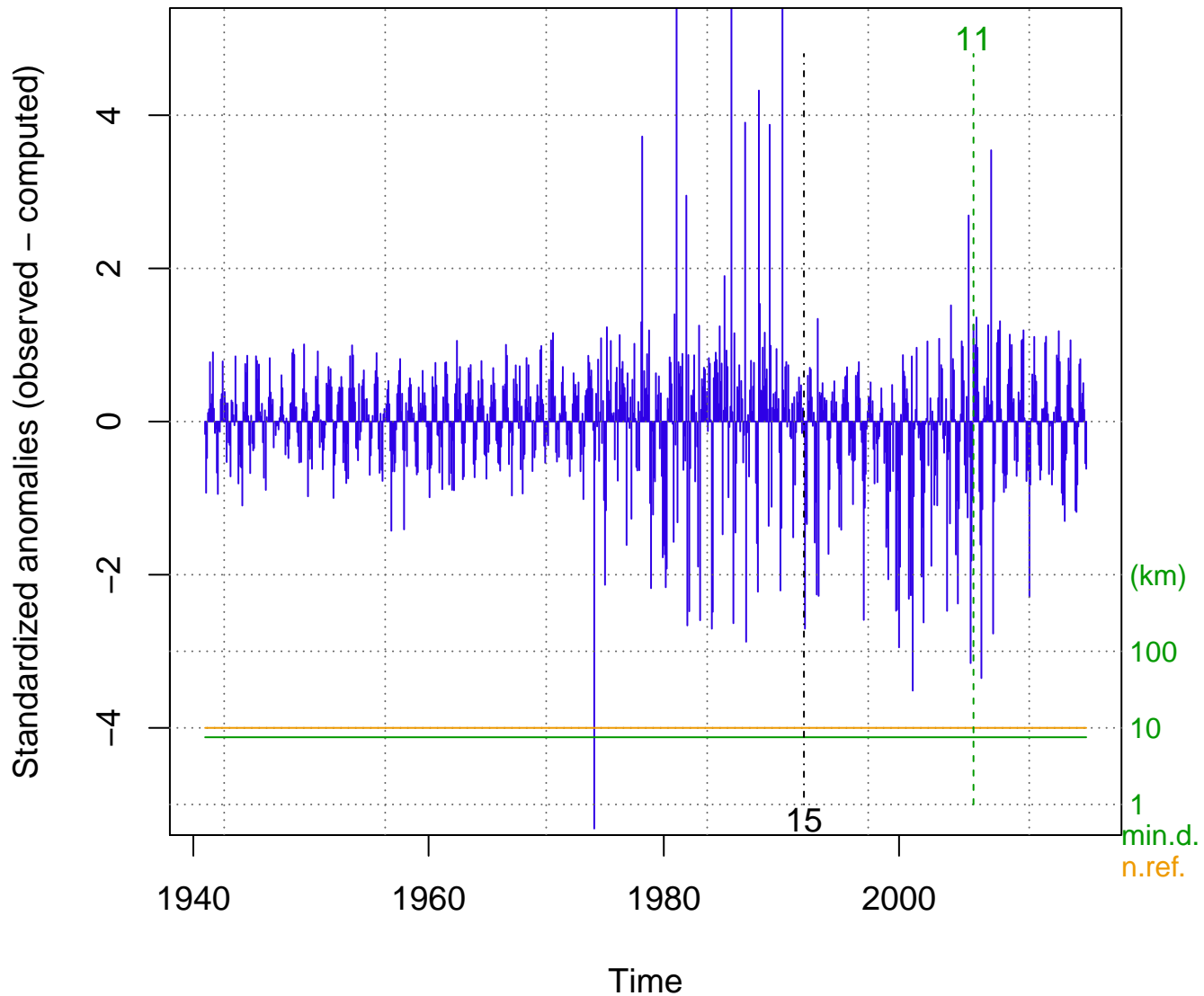
Prcp-3 17 (S155)
Culampaja_Culampaja



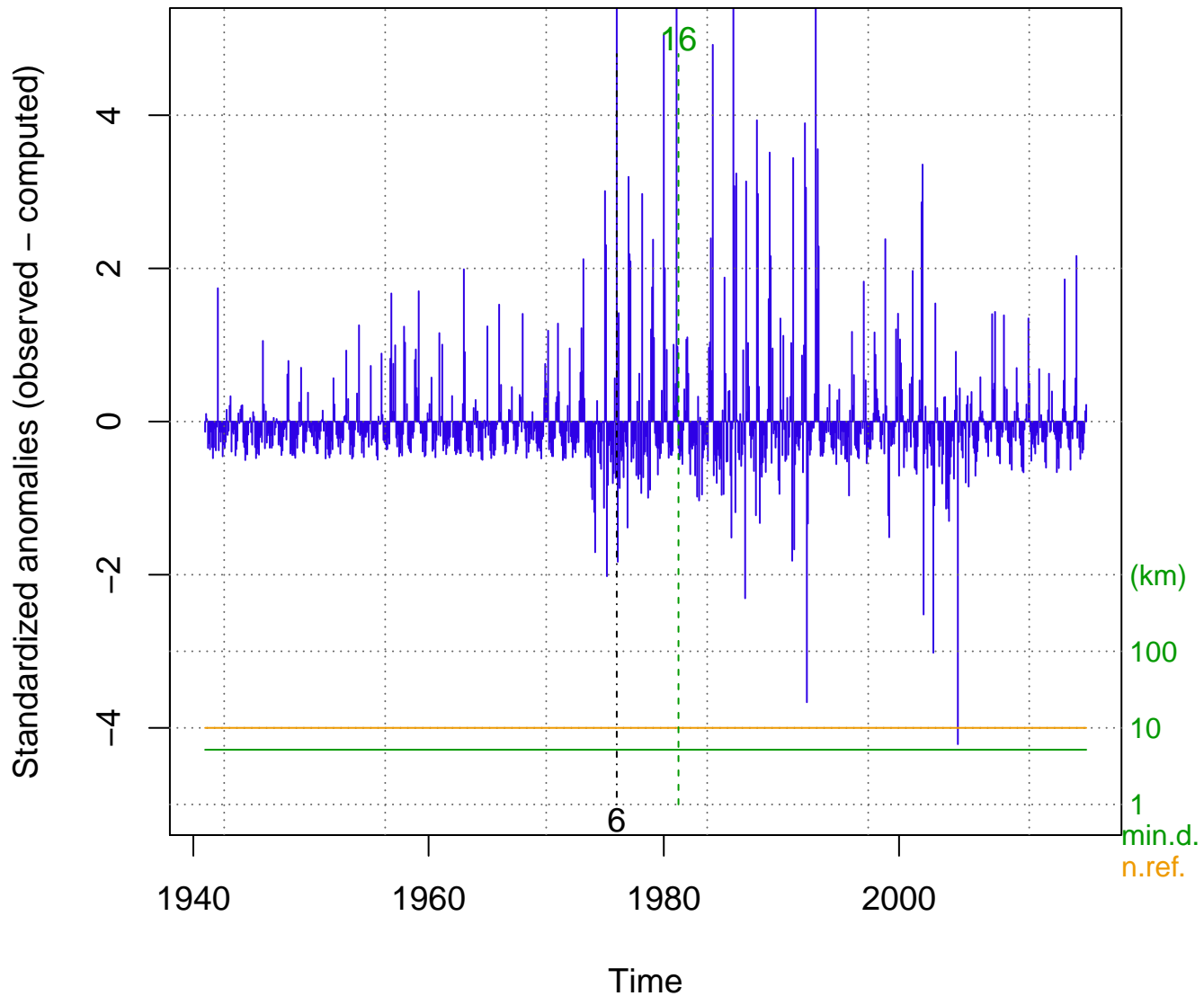
Prcp-3 18 (S156) Jacipunco_Jacipunco



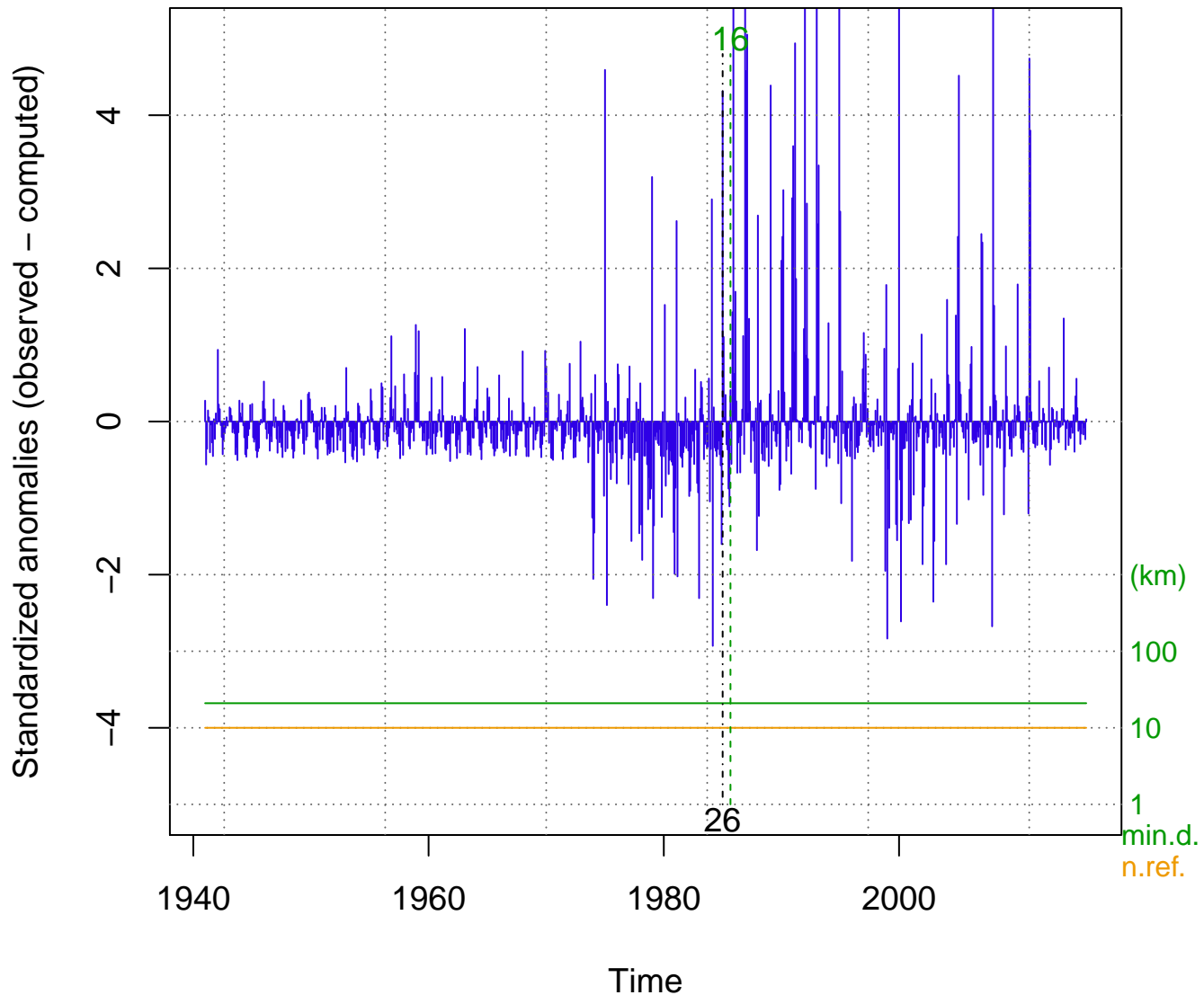
Prct-3 19 (S157) La Cienaga_La Cienaga



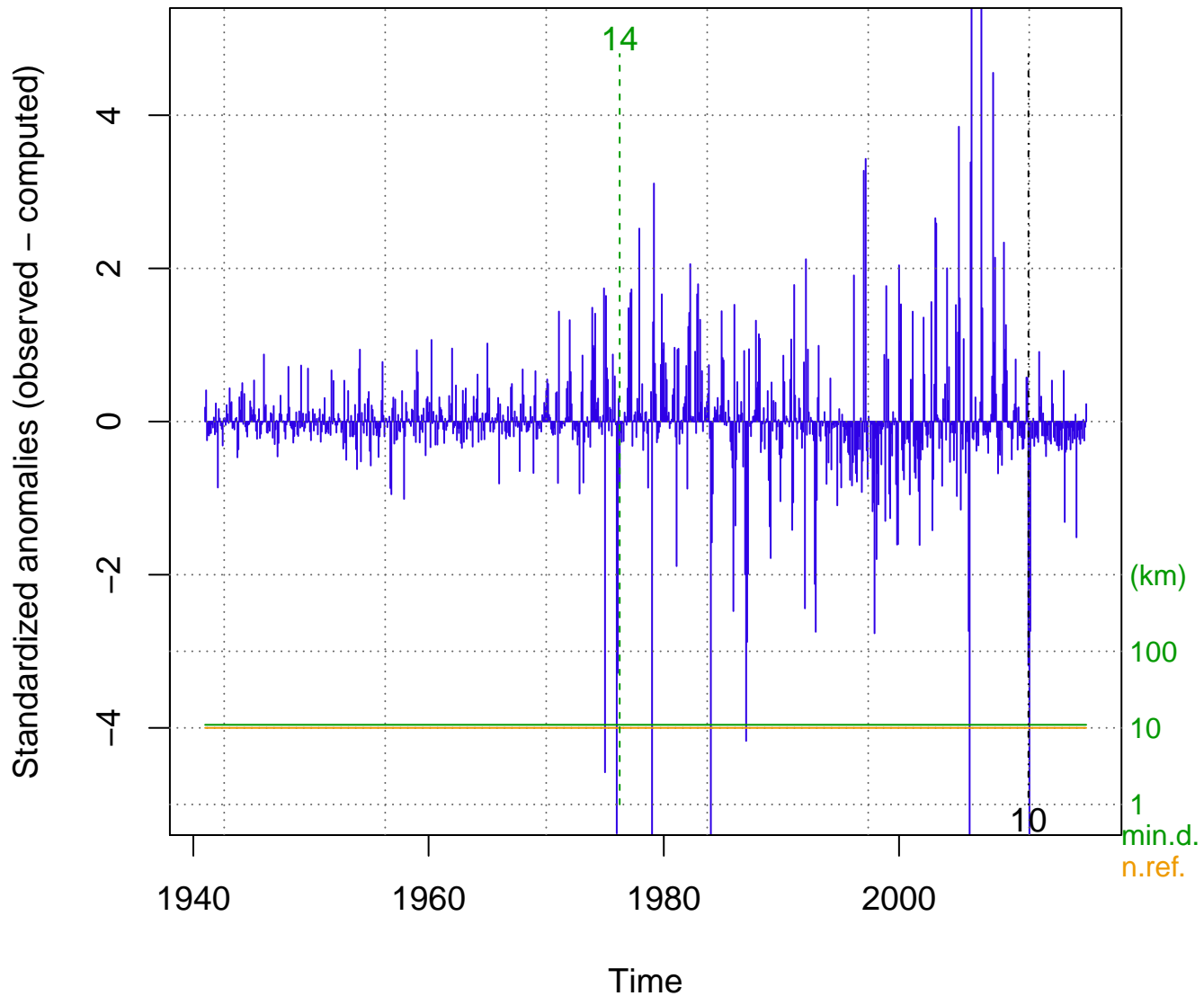
Prct-3 20 (S158) La Toma_La Toma



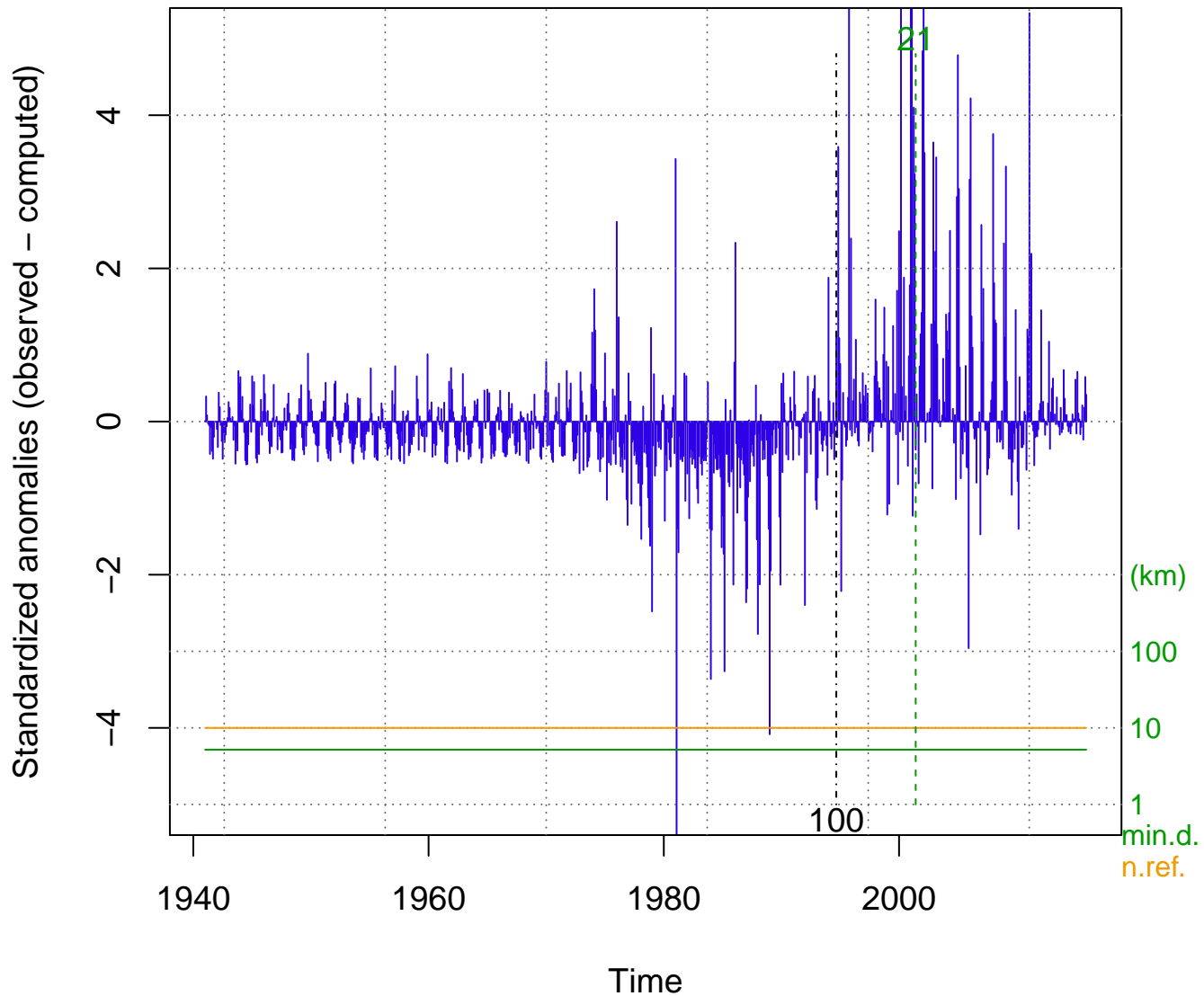
Prcp-3 21 (S159)
Los Nacimientos_Los Nacimientos



Prcp-3 22 (S160)
Papa Chacra_Papa Chacra



Prdp-3 23 (S161)
Pozo de Piedra_Pozo de Piedra

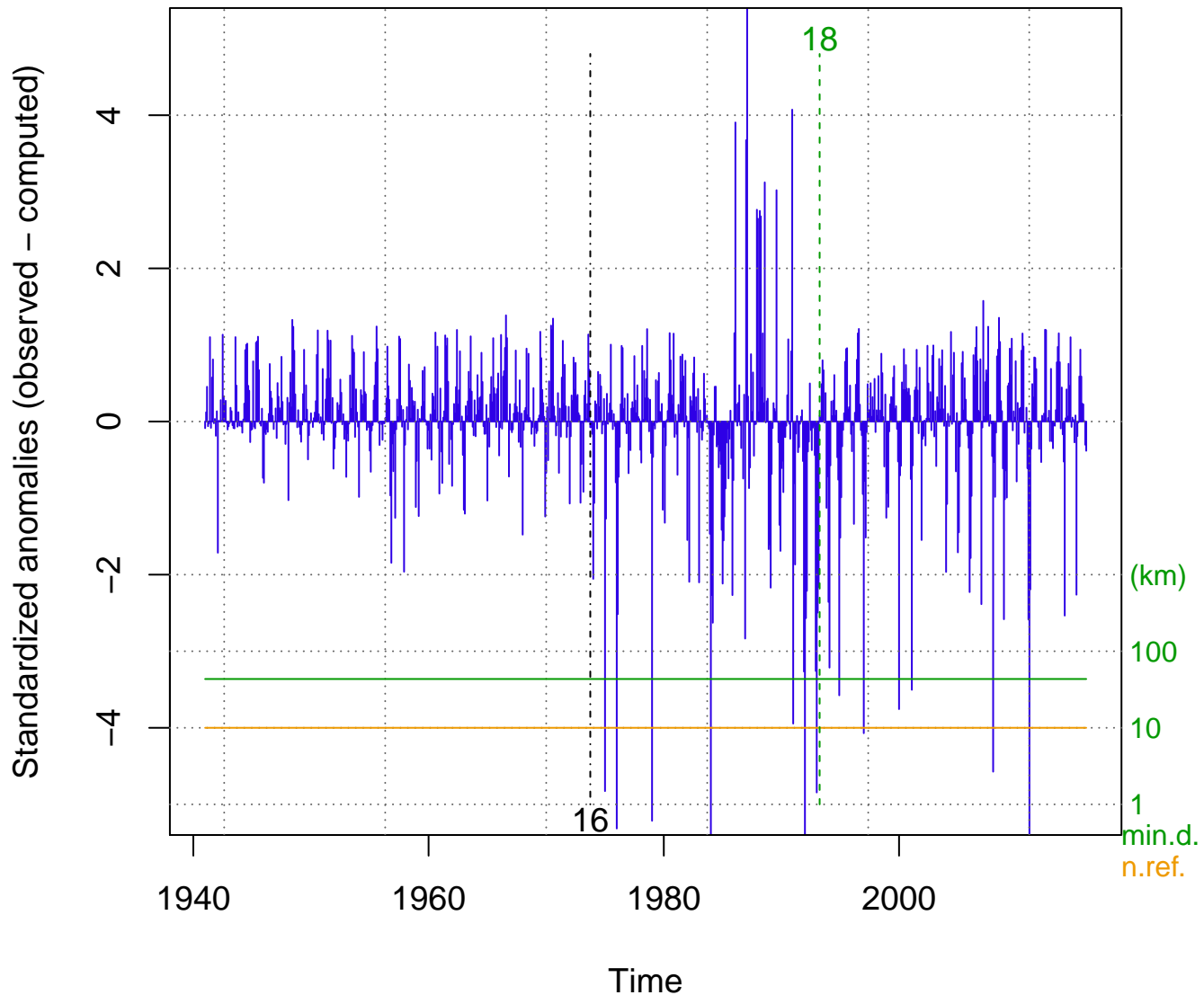


Quimivil_Quimivil

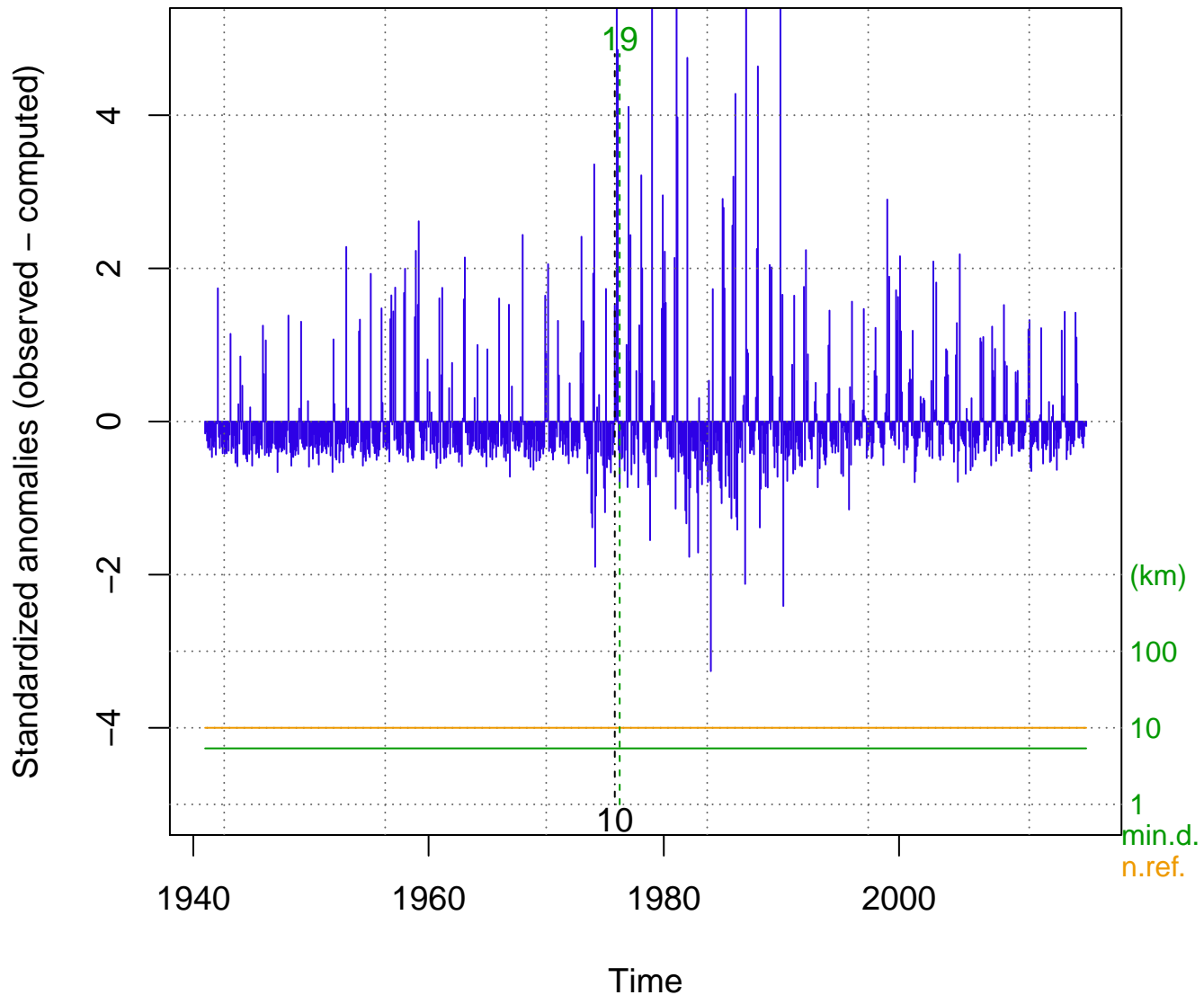


Prct-3 25 (S163)

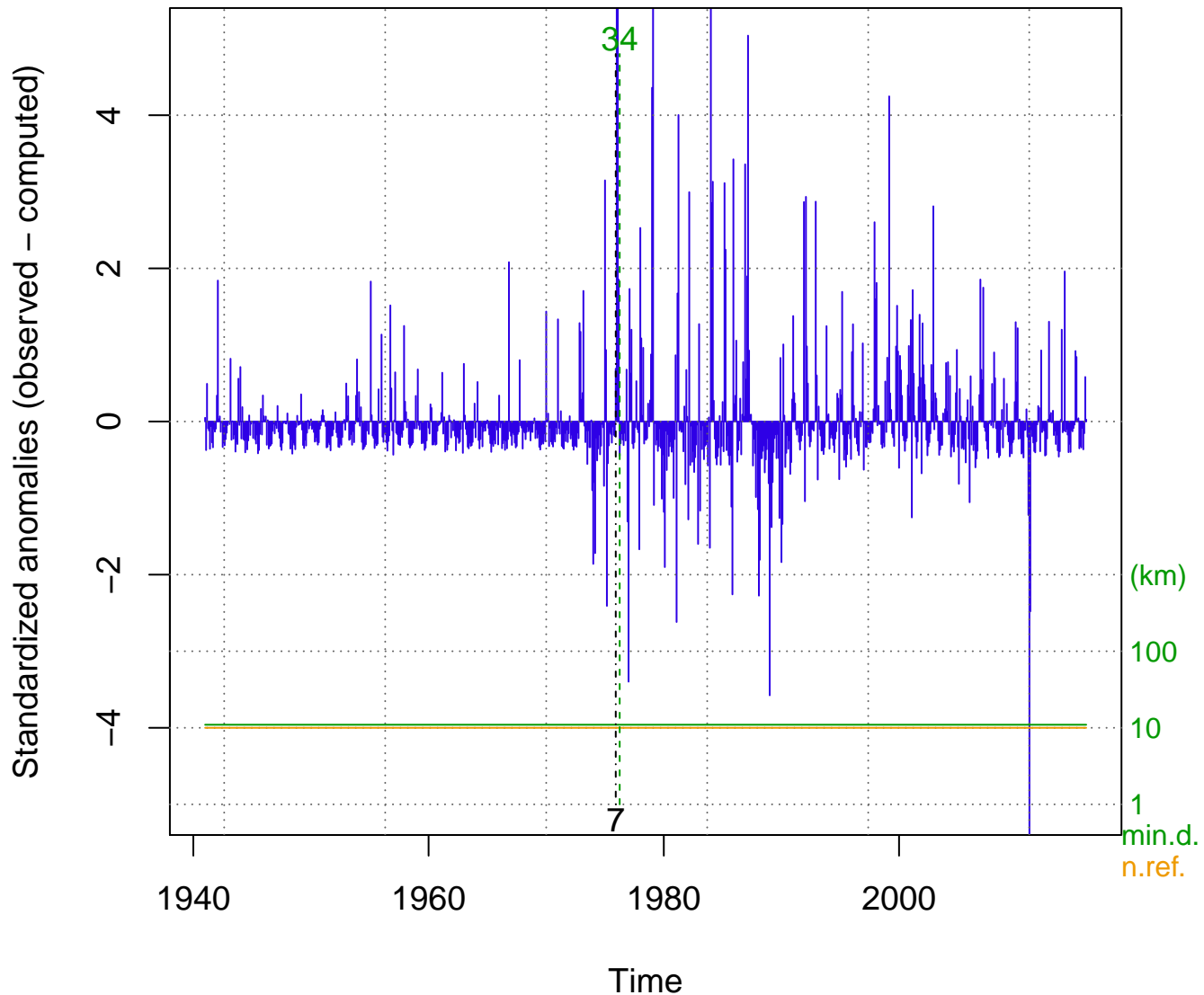
Laguna Blanca_Laguna Blanca



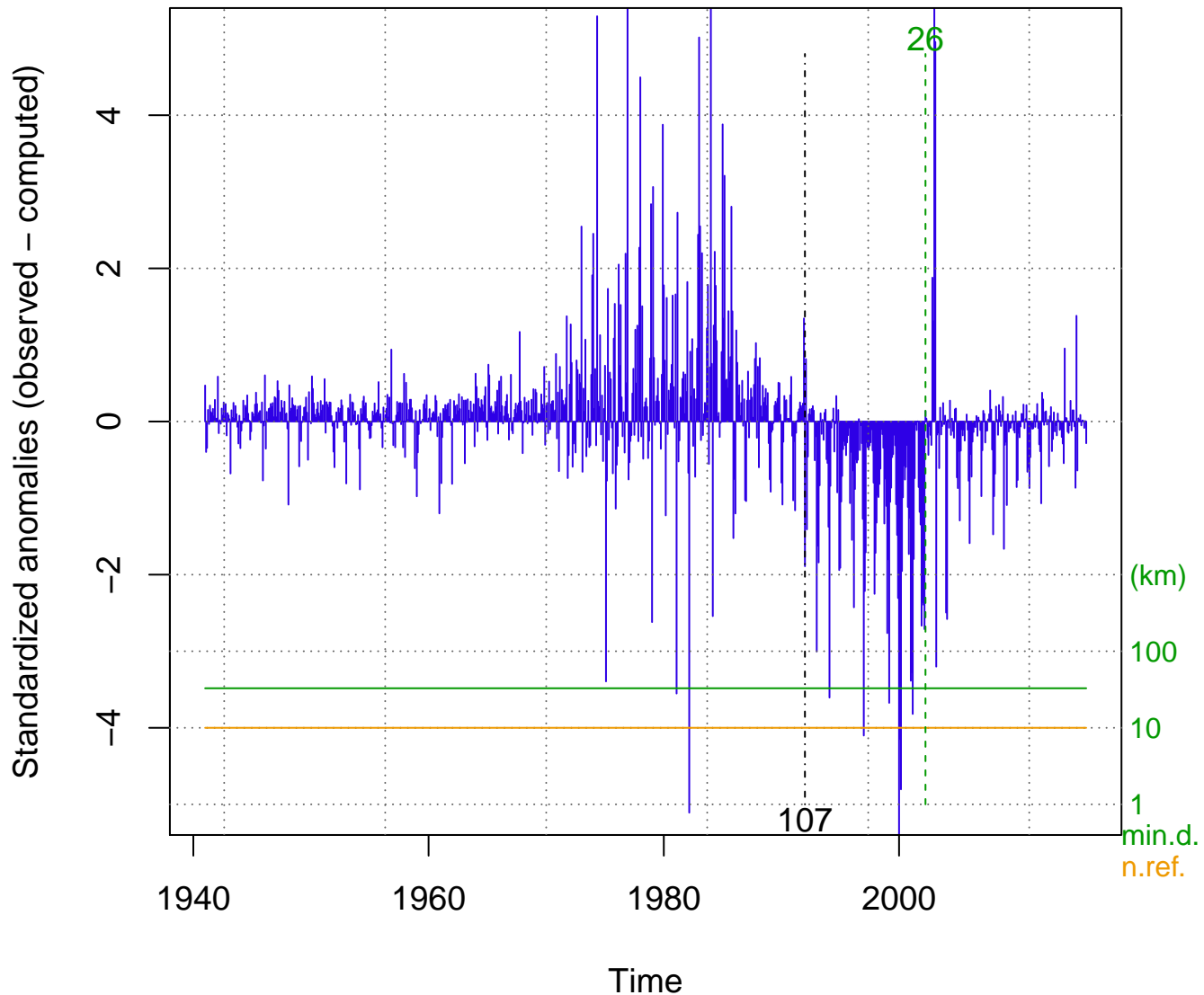
Prcp-3 26 (S164)
Las Barrancas_Las Barrancas



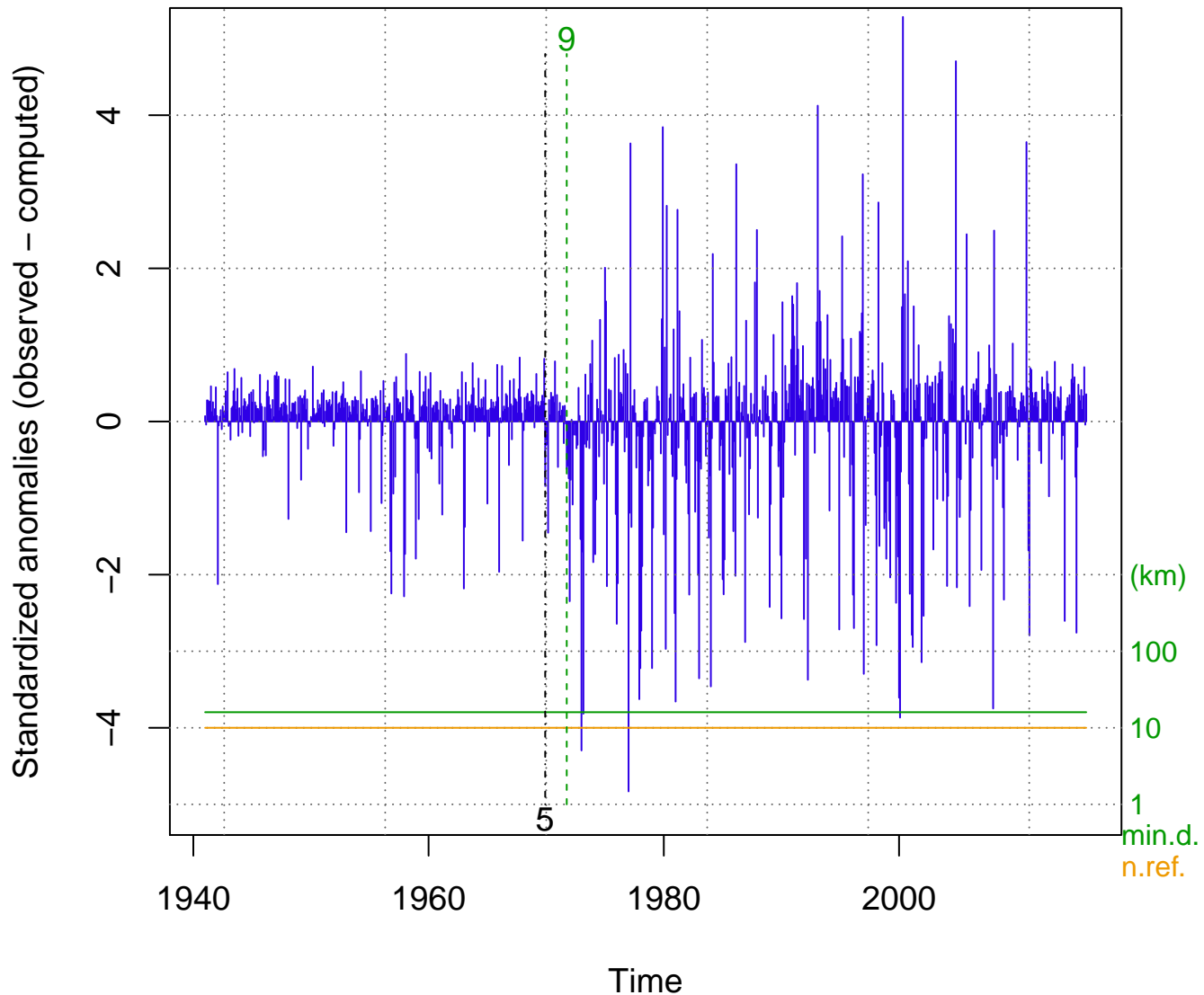
Prcp-3 27 (S165)
Villa Vil_Villa Vil



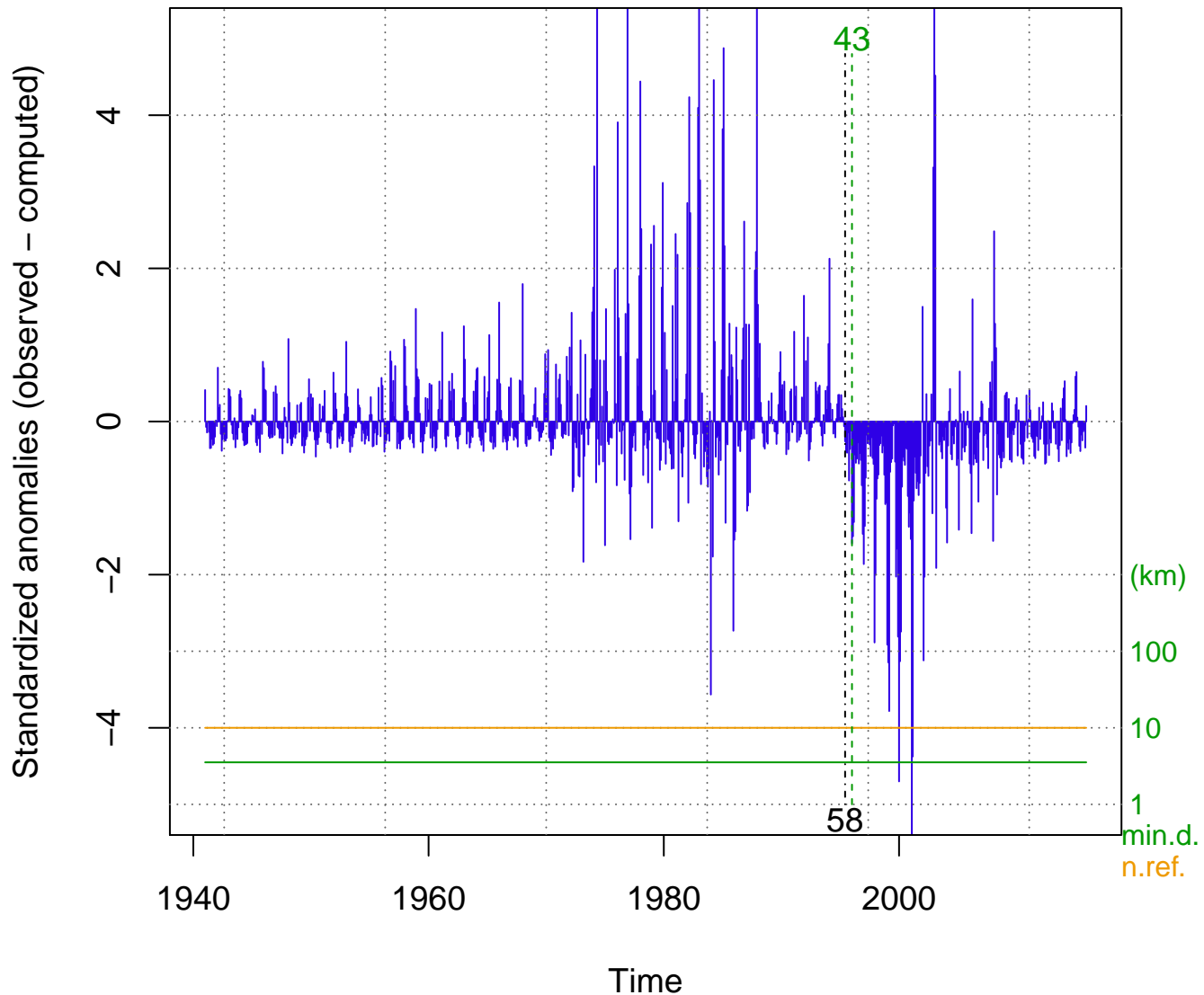
Prcp-3 28 (S169)
La Mesada_La Mesada



Prcp-3 29 (S170)
Las Palmas_Las Palmas

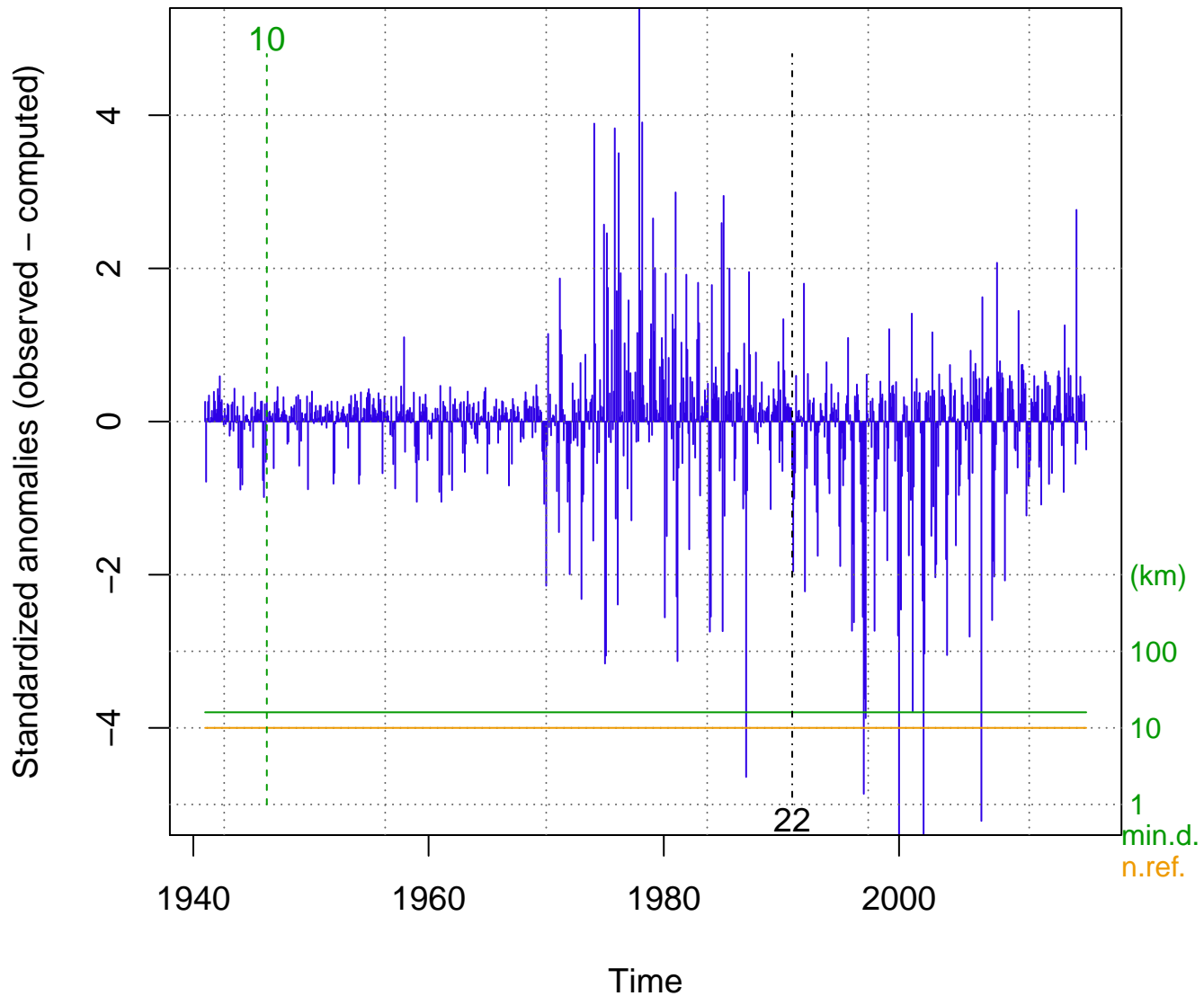


Prdp-3 30 (S172)
Los Nacimientos_Los Nacimientos2

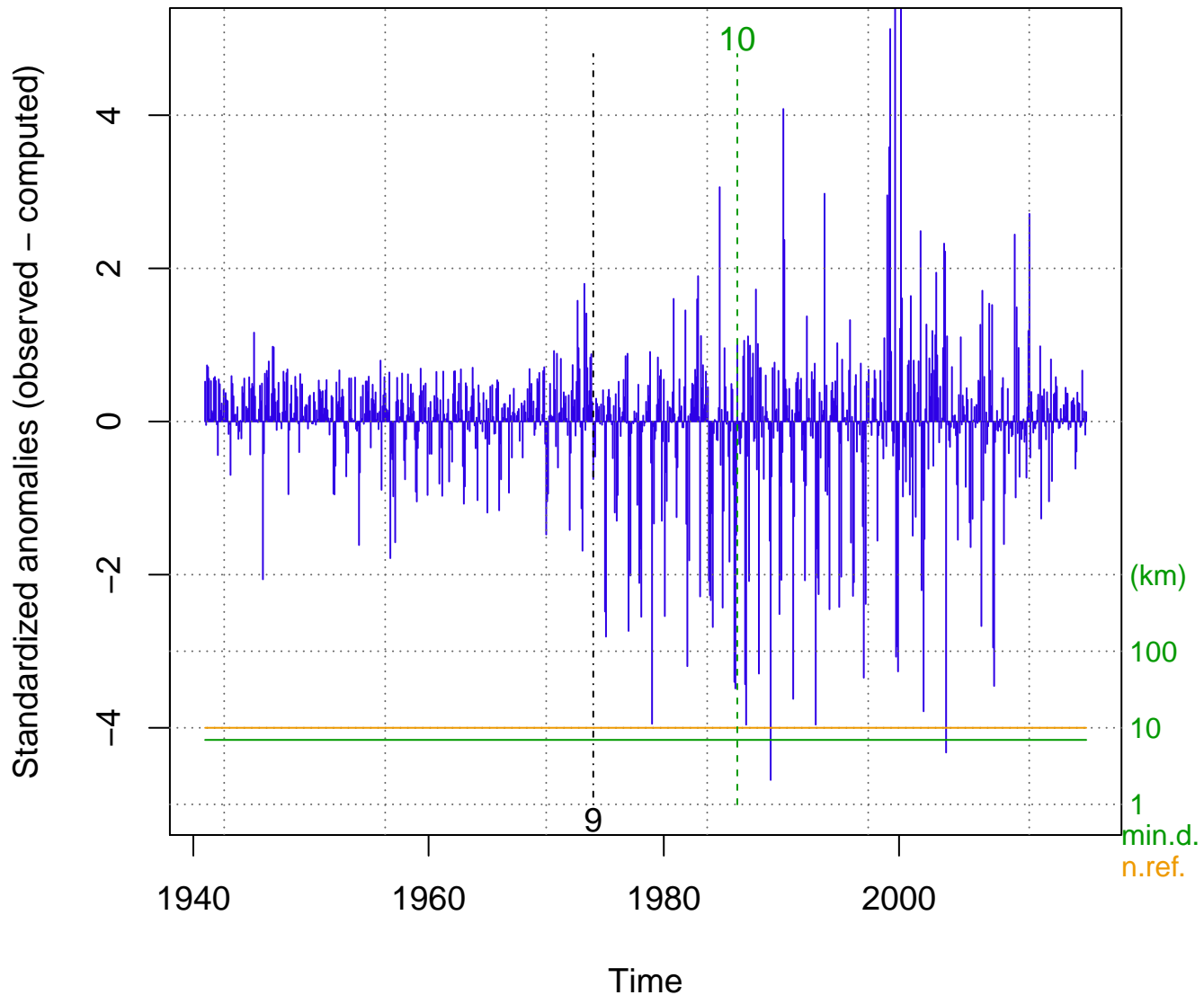


Prct-3 31 (S175)

Trampasacha_Trampasacha

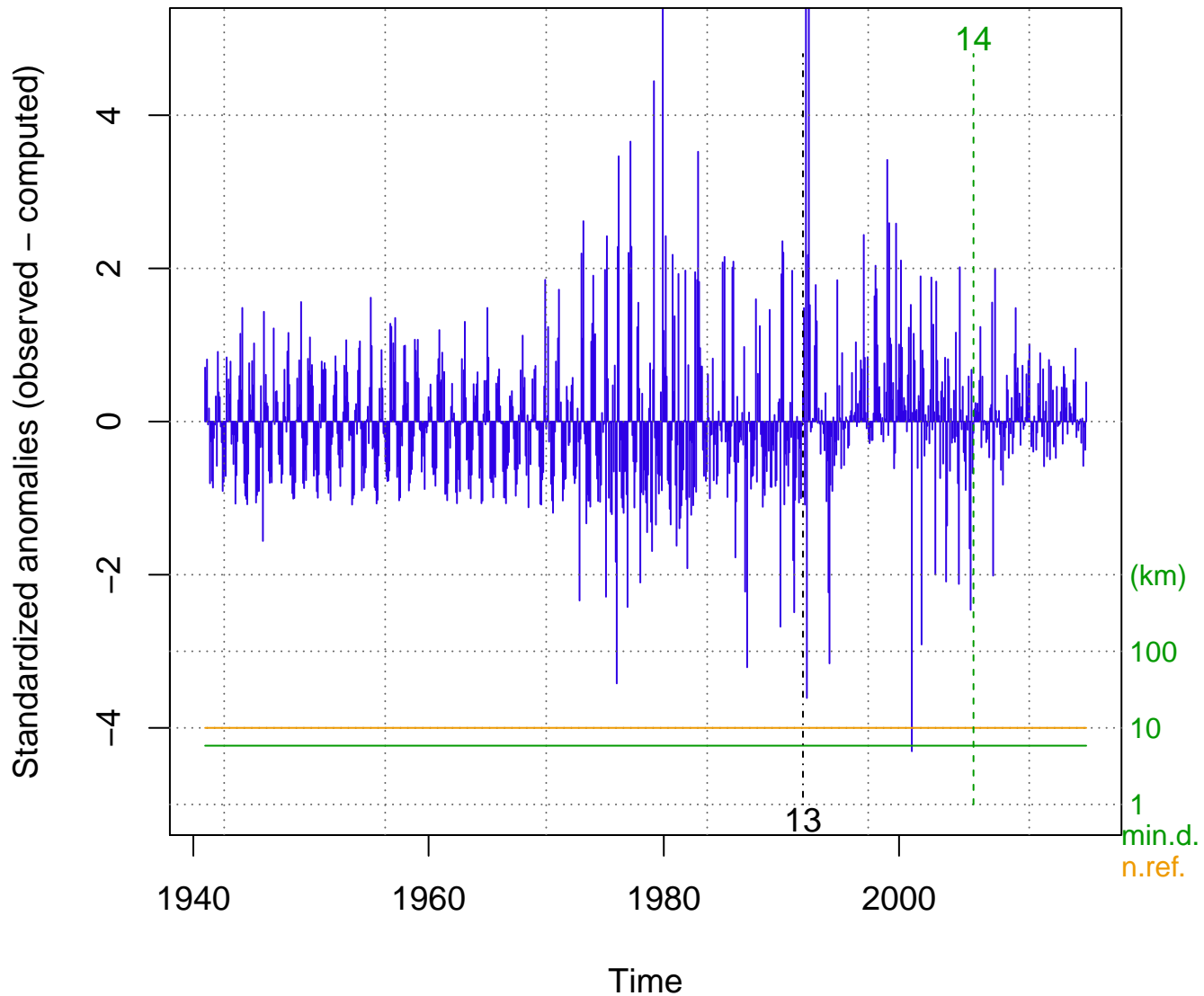


Prcp-3 32 (S186)
El Rosario_El Rosario

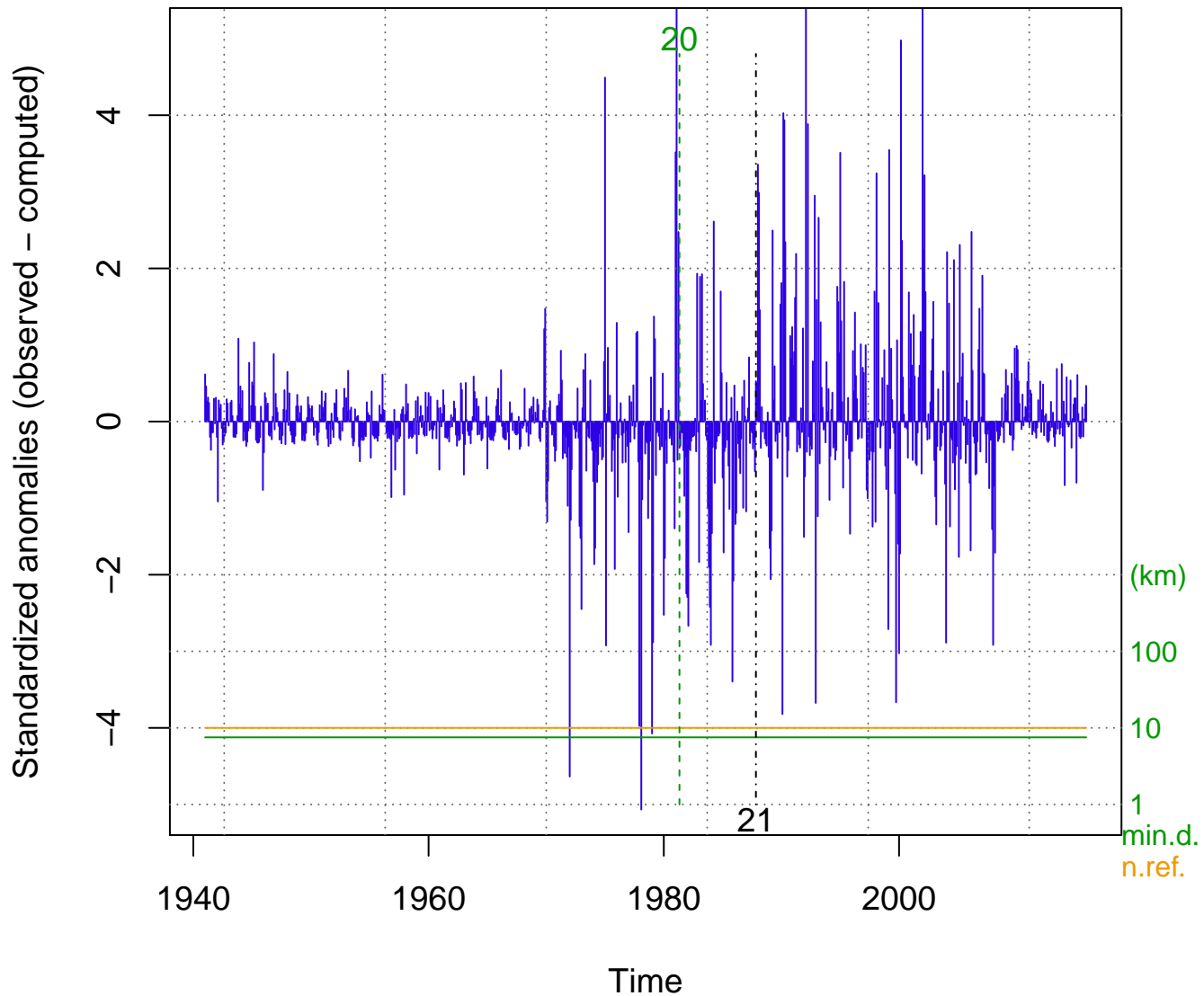


Prcp-3 33 (S202)

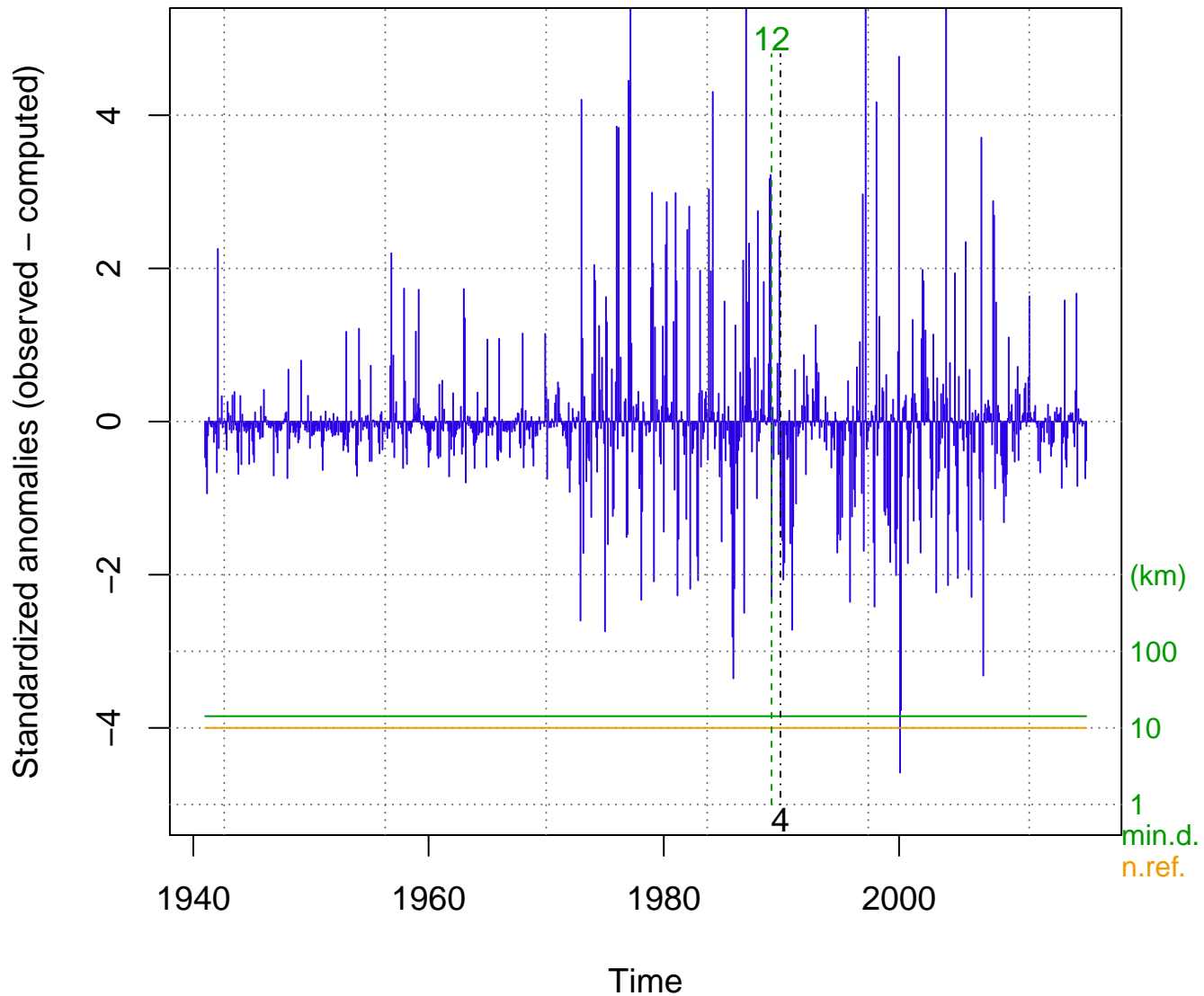
La Aguadita_La Aguadita



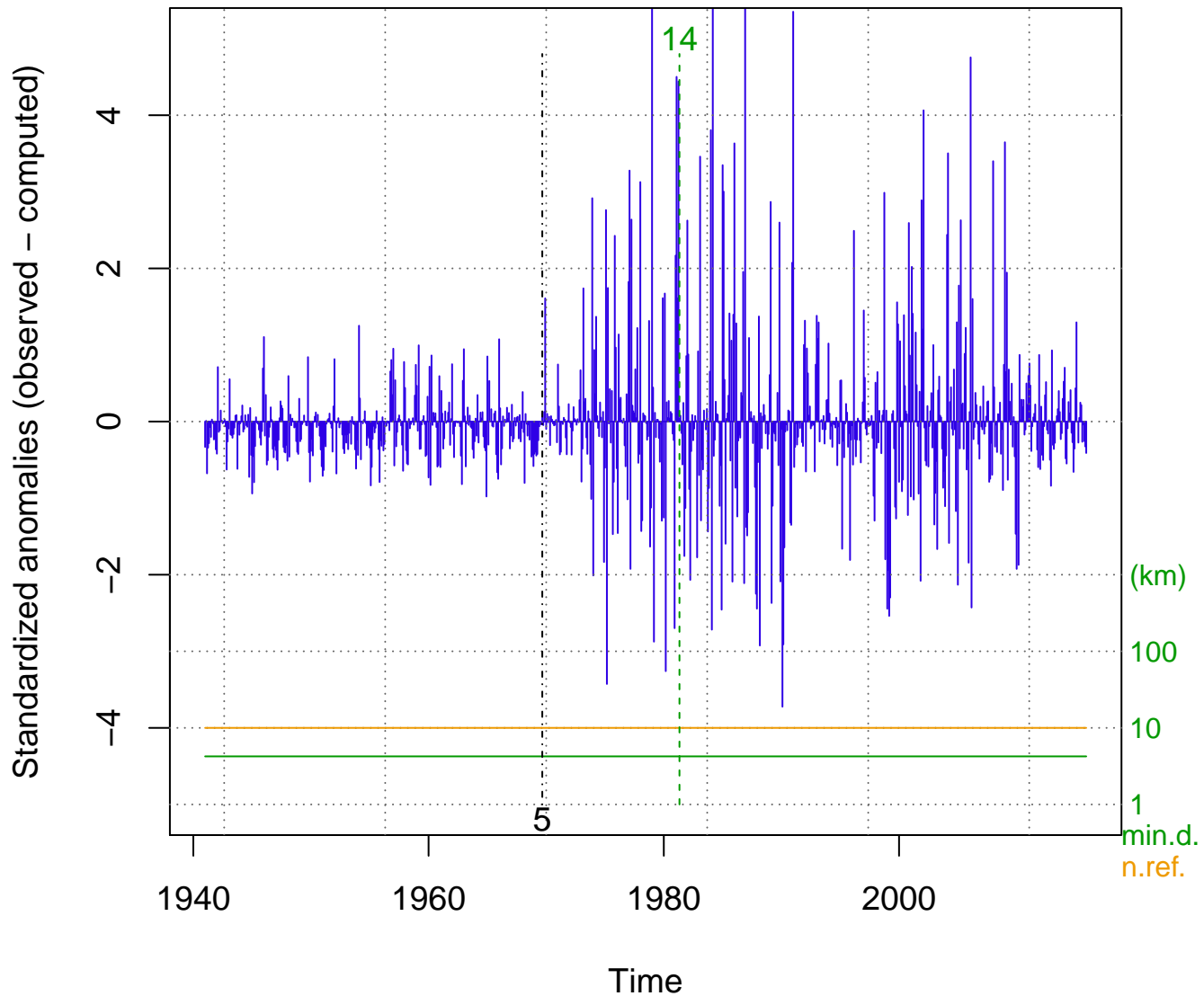
Prdp-3 34 (S222) Balcozna_Balcozna



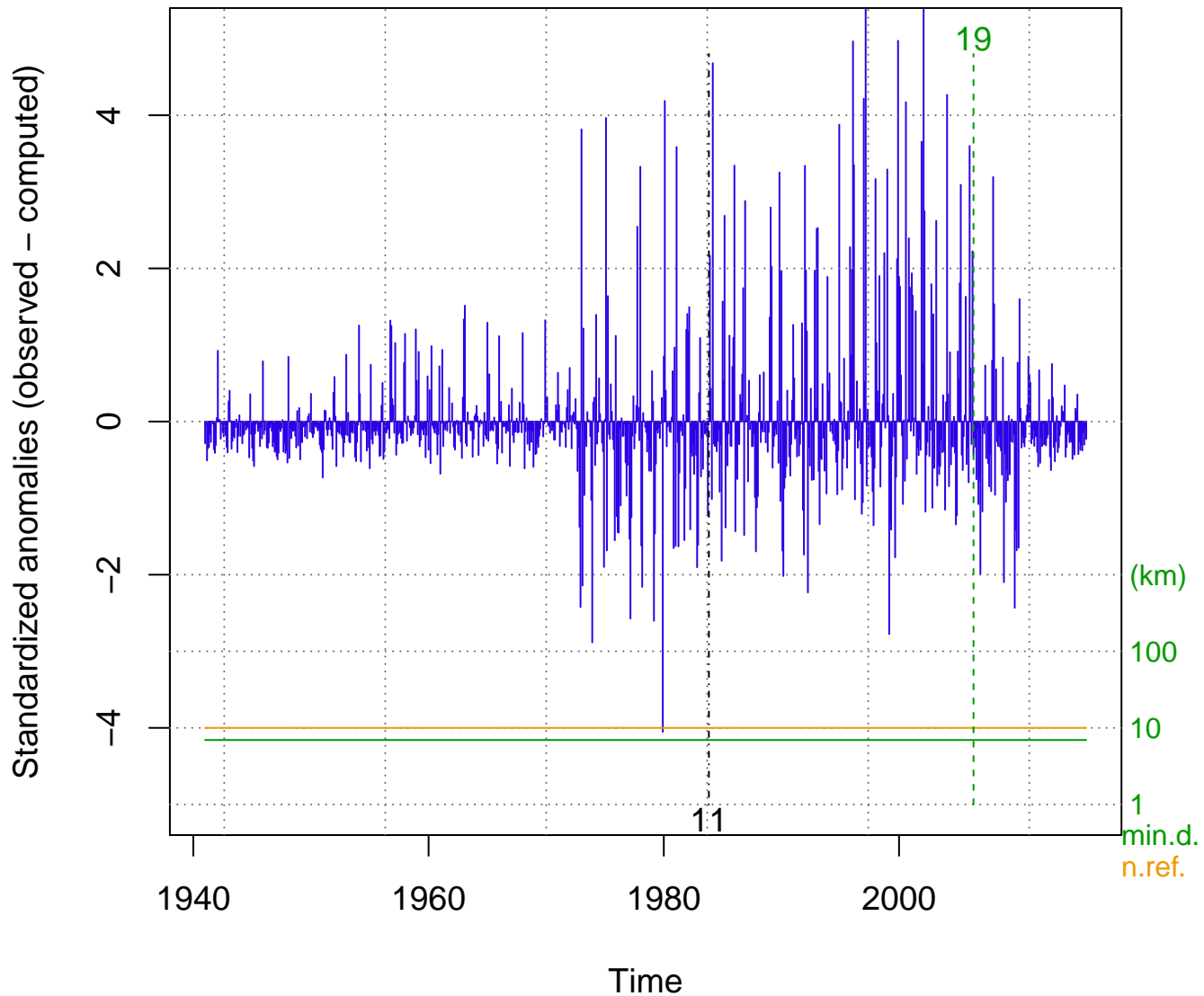
Prcp-3 35 (S231) Joyango_Joyango



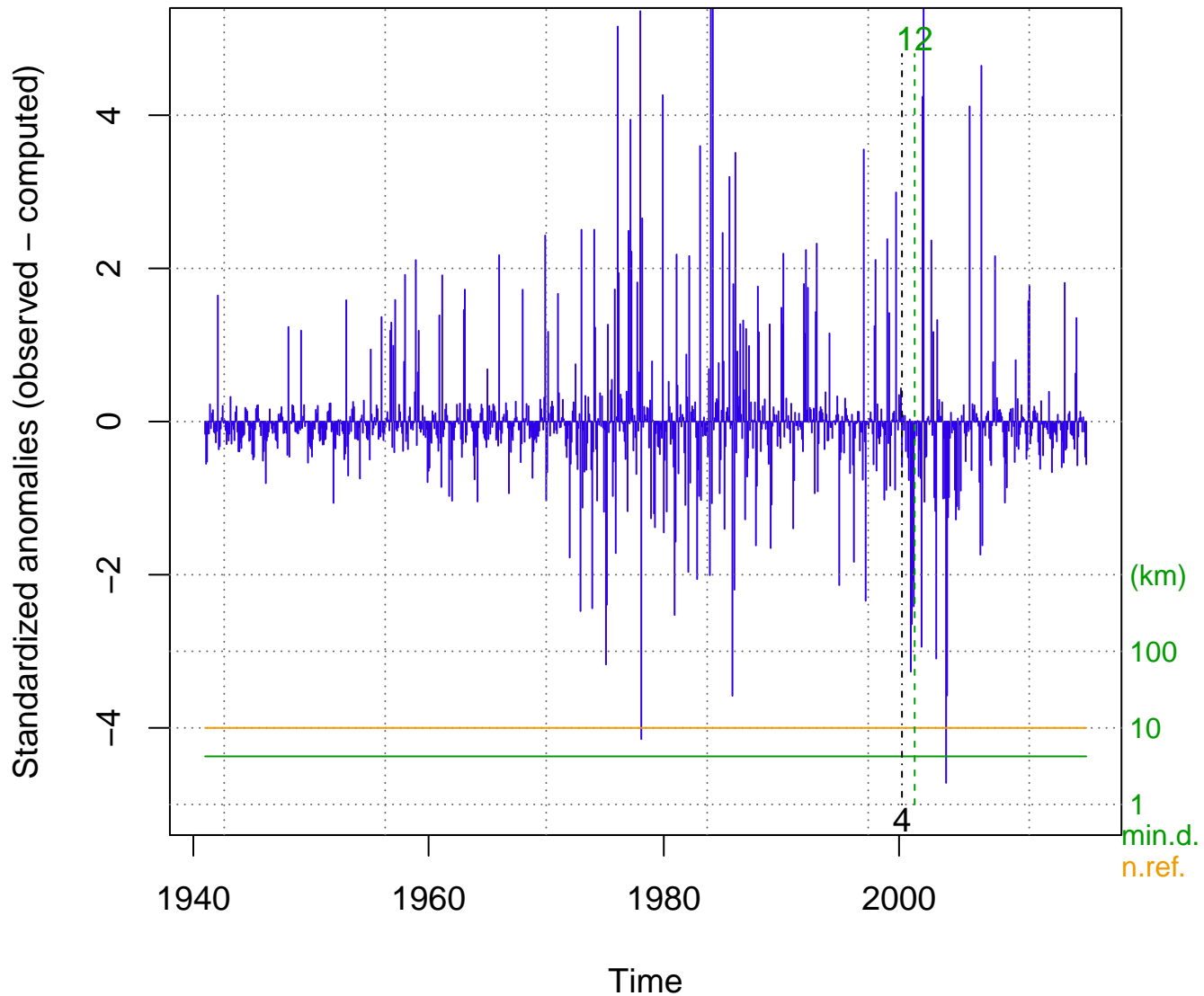
Prct-3 36 (S232) Michango_Michango



Prcp-3 37 (S233) Mitquin_Mitquin

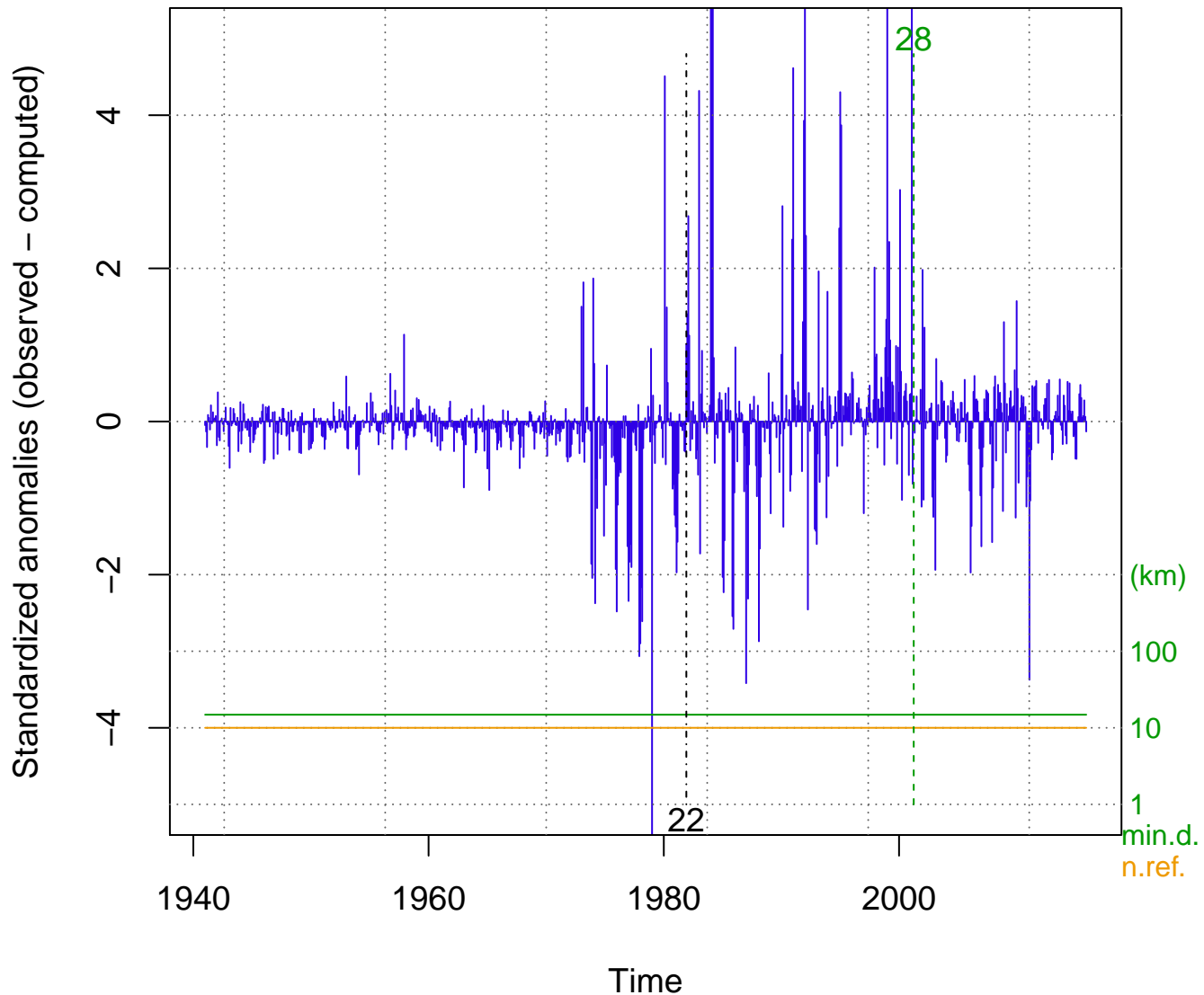


Prcp-3 38 (S234)
Rincon_Rincon

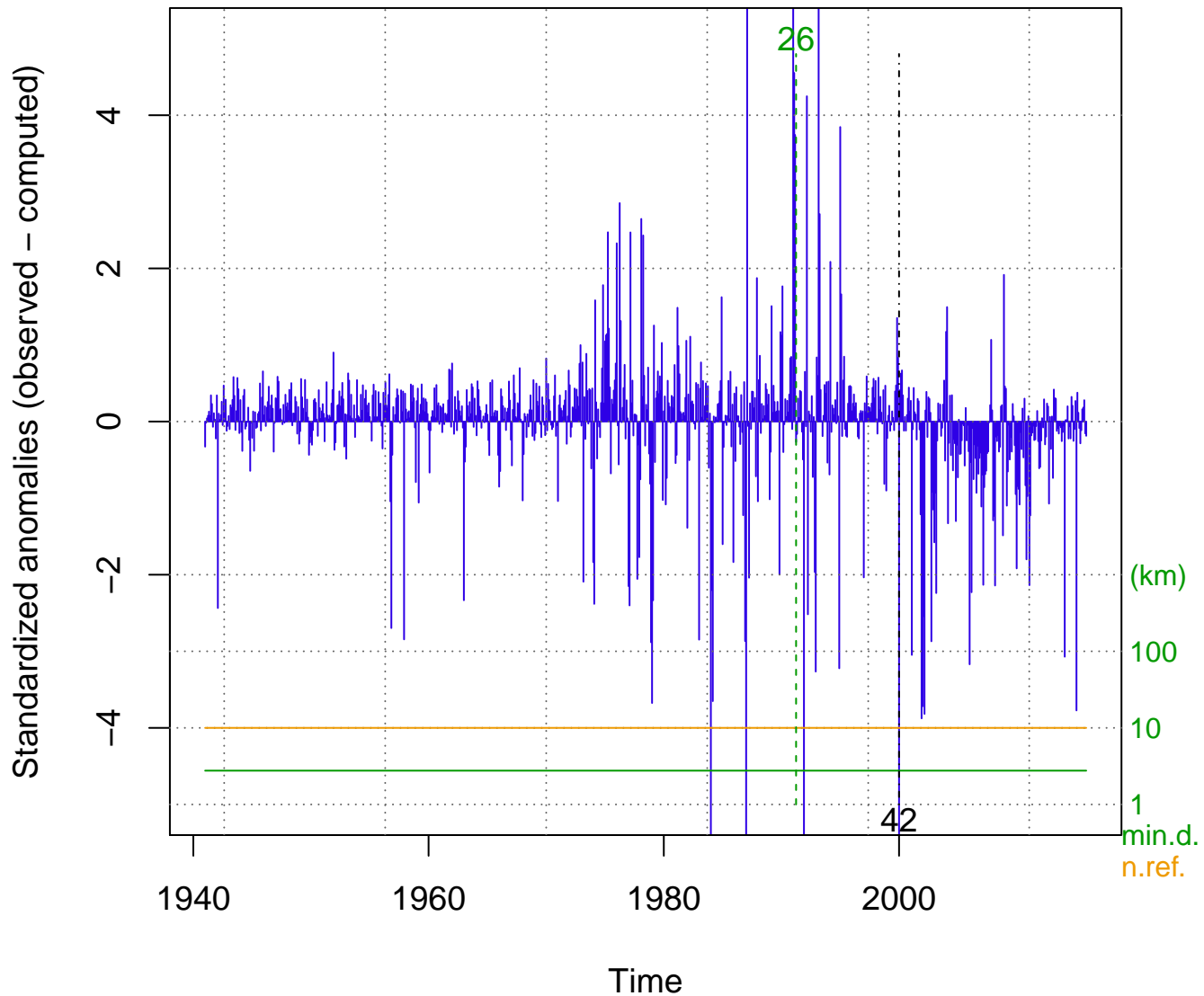


Prcp-3 39 (S235)

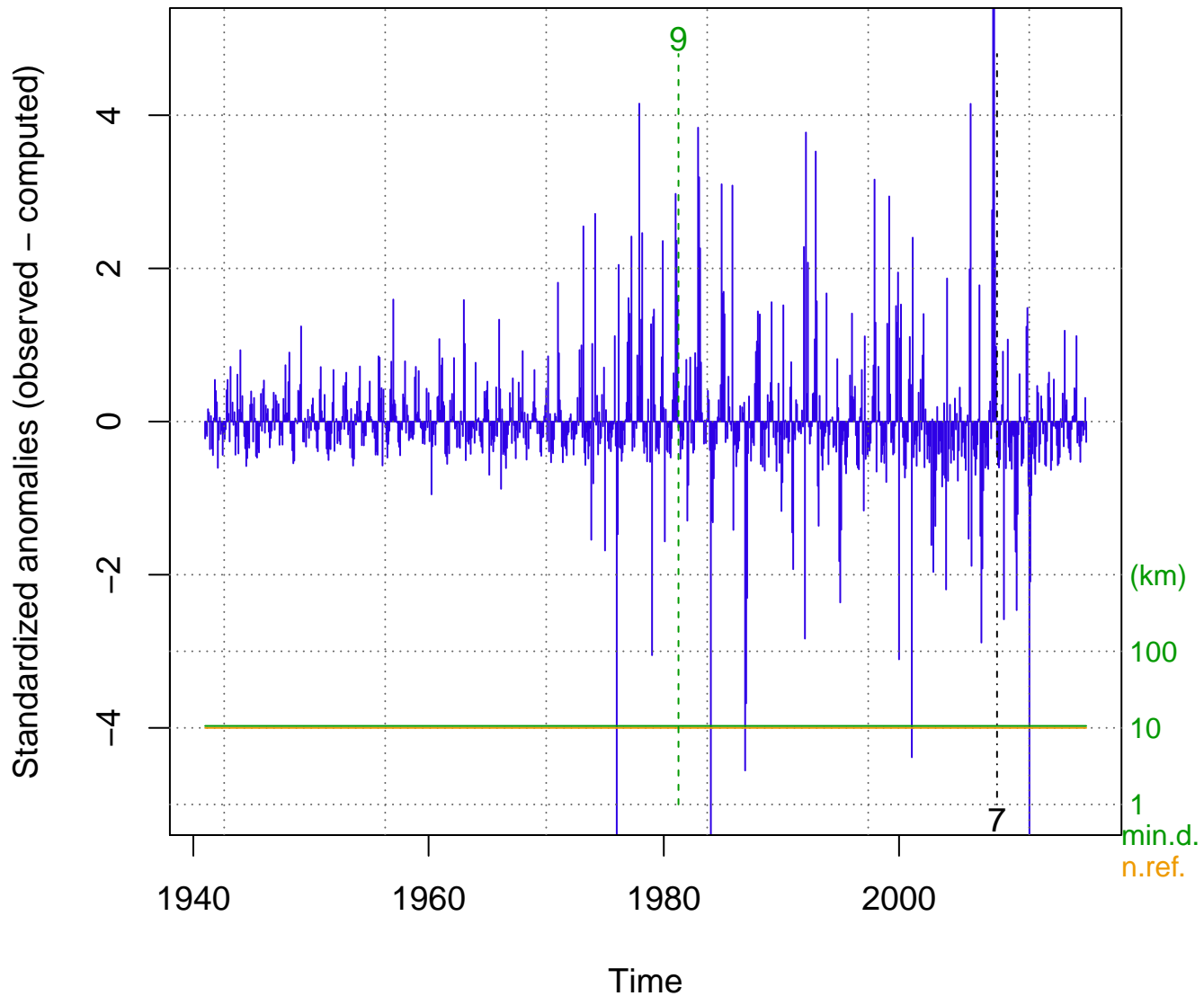
Campo de Frayle_Campo de Frayle



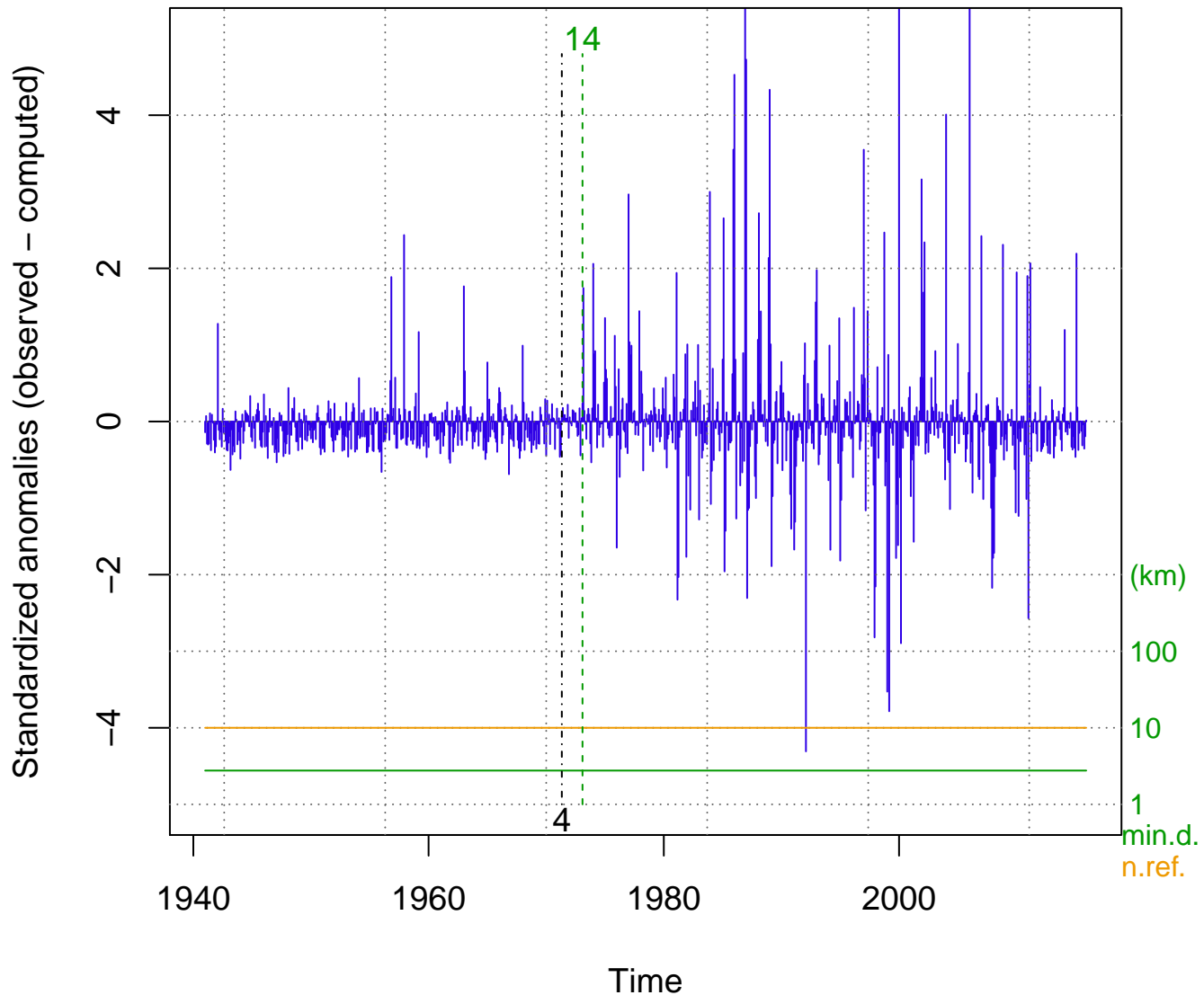
Prcp-3 40 (S236)
El Cajón_El Cajón2



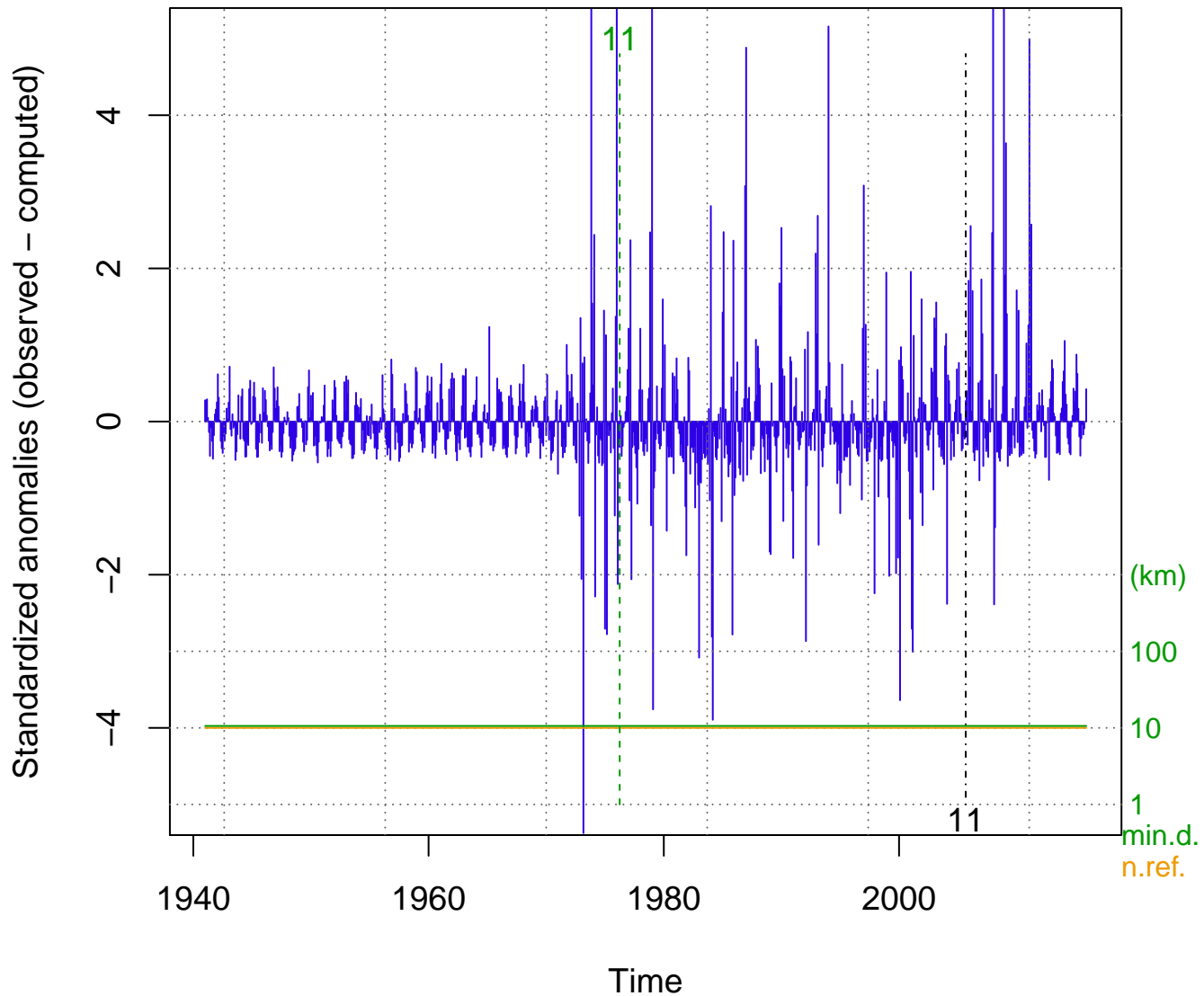
Prcp-3 41 (S237) La Hoyada_La Hoyada



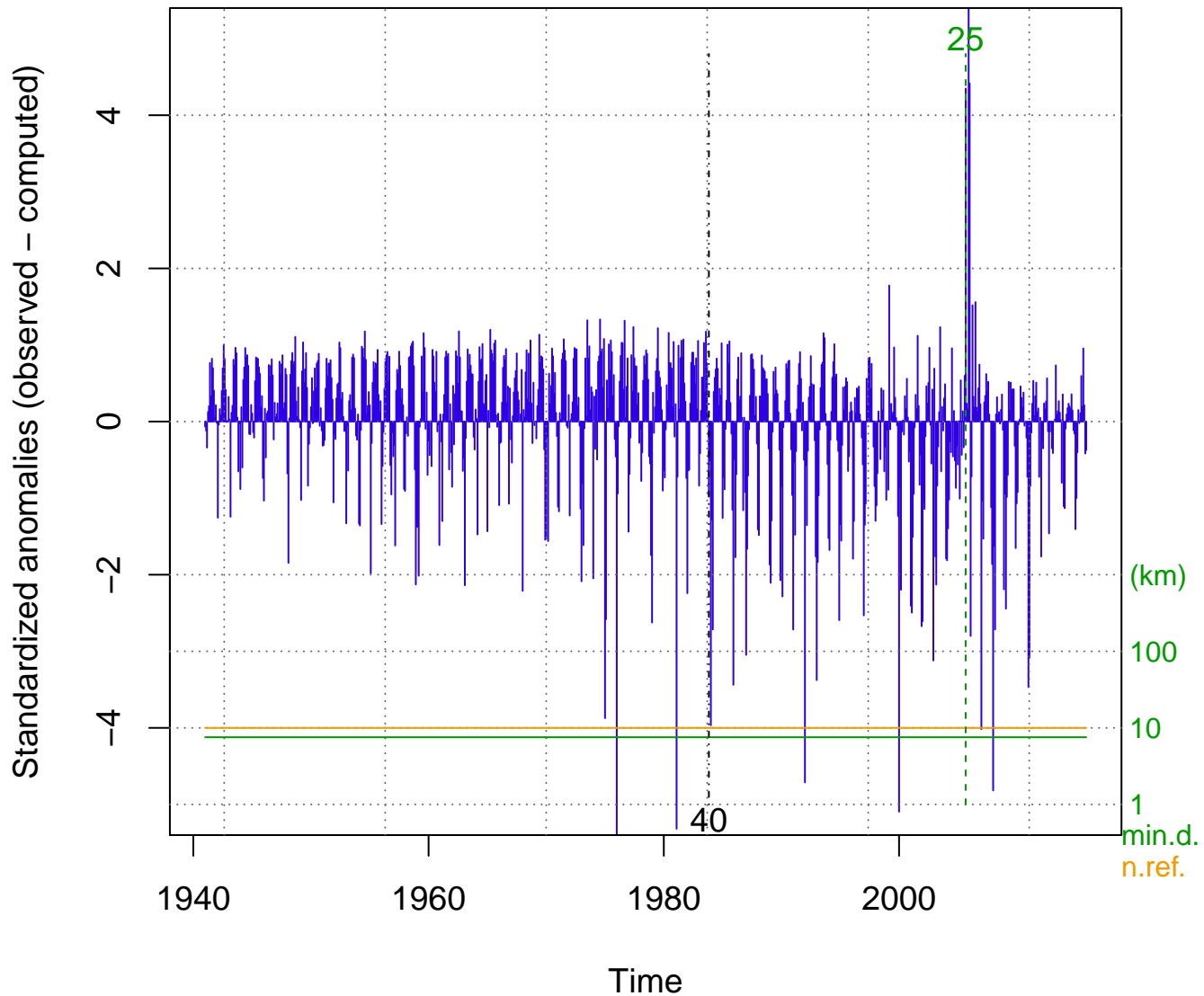
Prép-3 42 (S238)
Pie del Médano_Pie del Médano



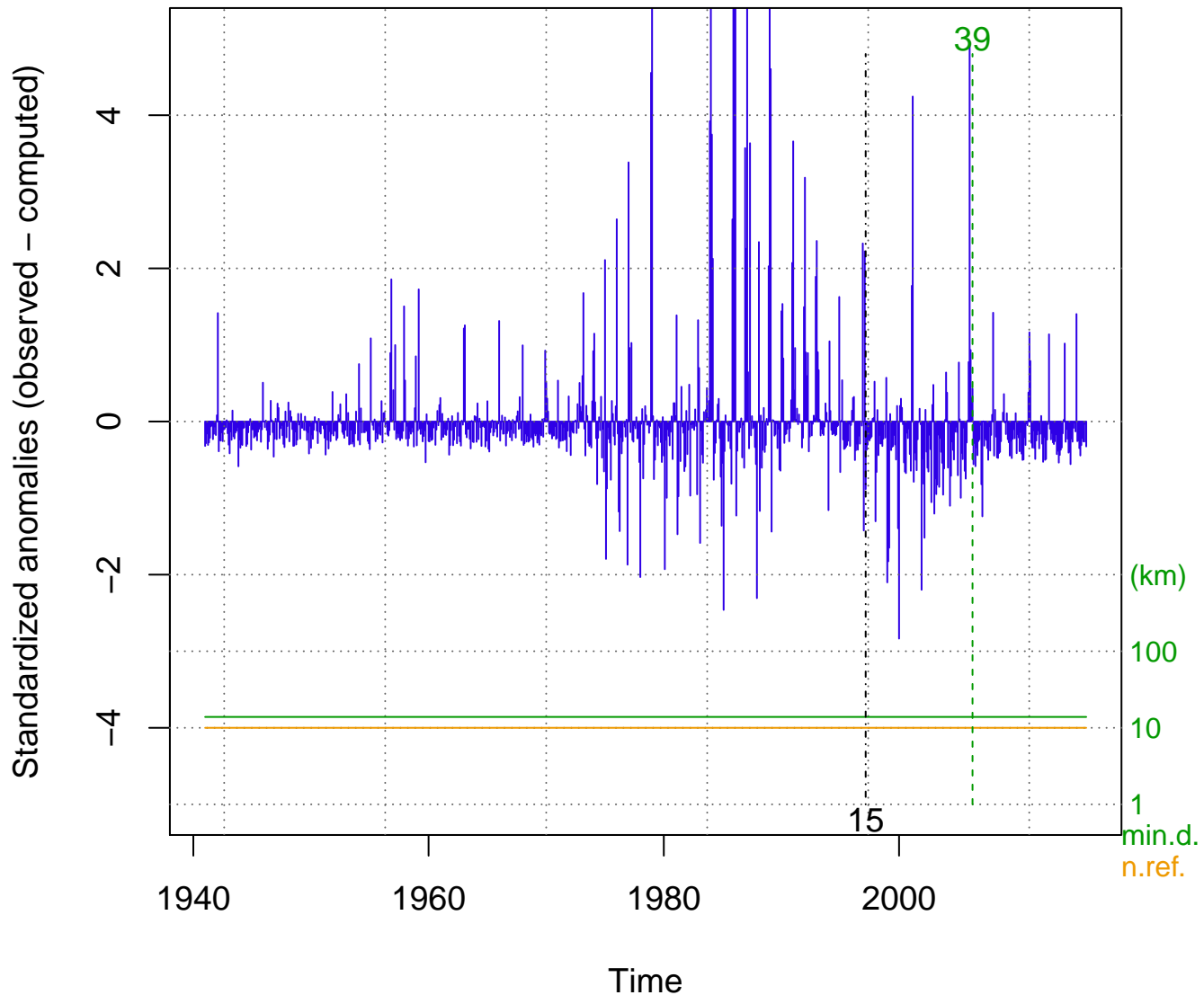
Prcp-3 43 (S239)
Toroyaco_Toroyaco



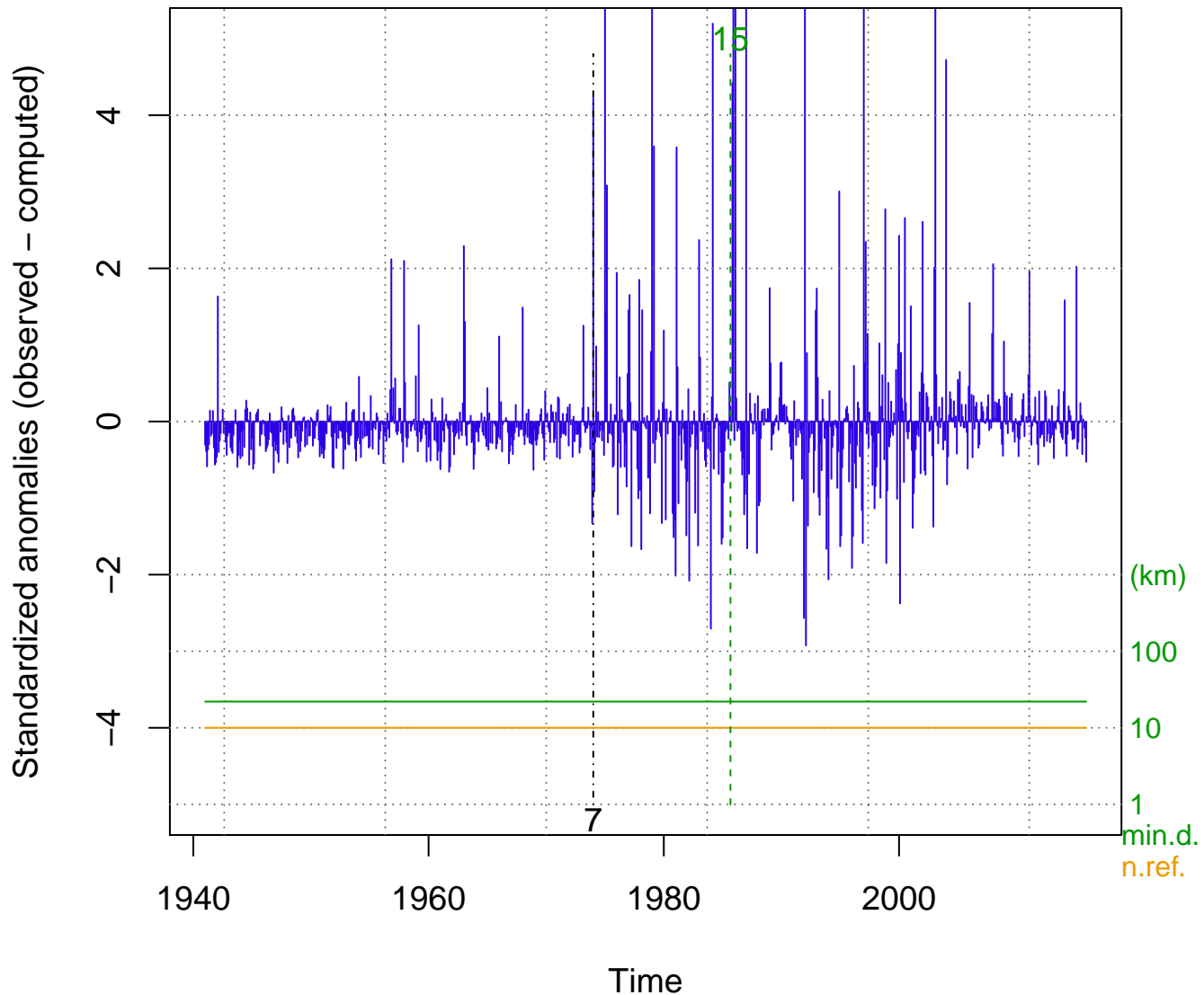
Prcp-3 44 (S245)
Agua Clara_Agua Clara



Prcp-3 45 (S246)
Antinaco_Antinaco

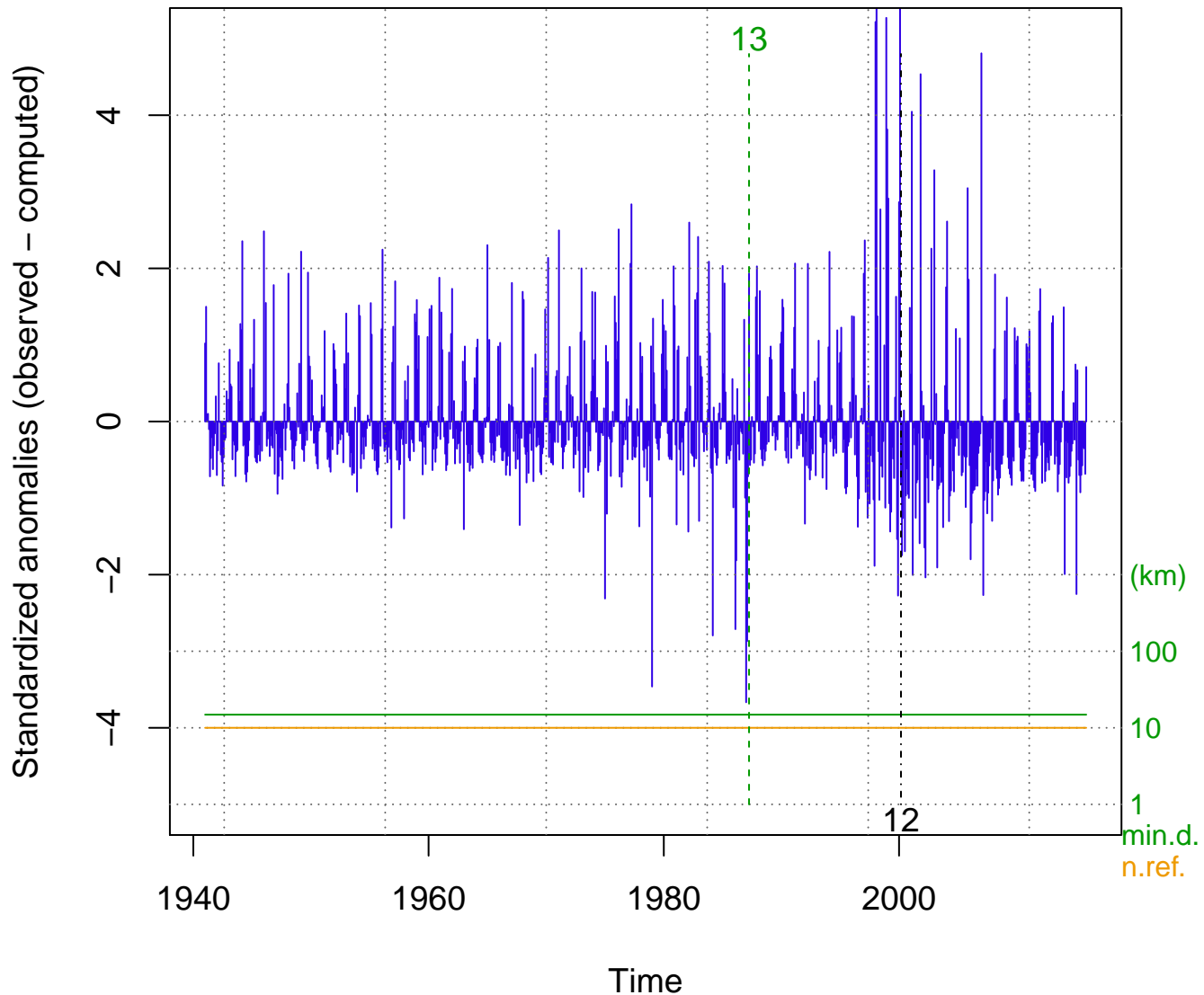


Prdp-3 46 (S247)
Banda de Lucero_Banda de Lucero



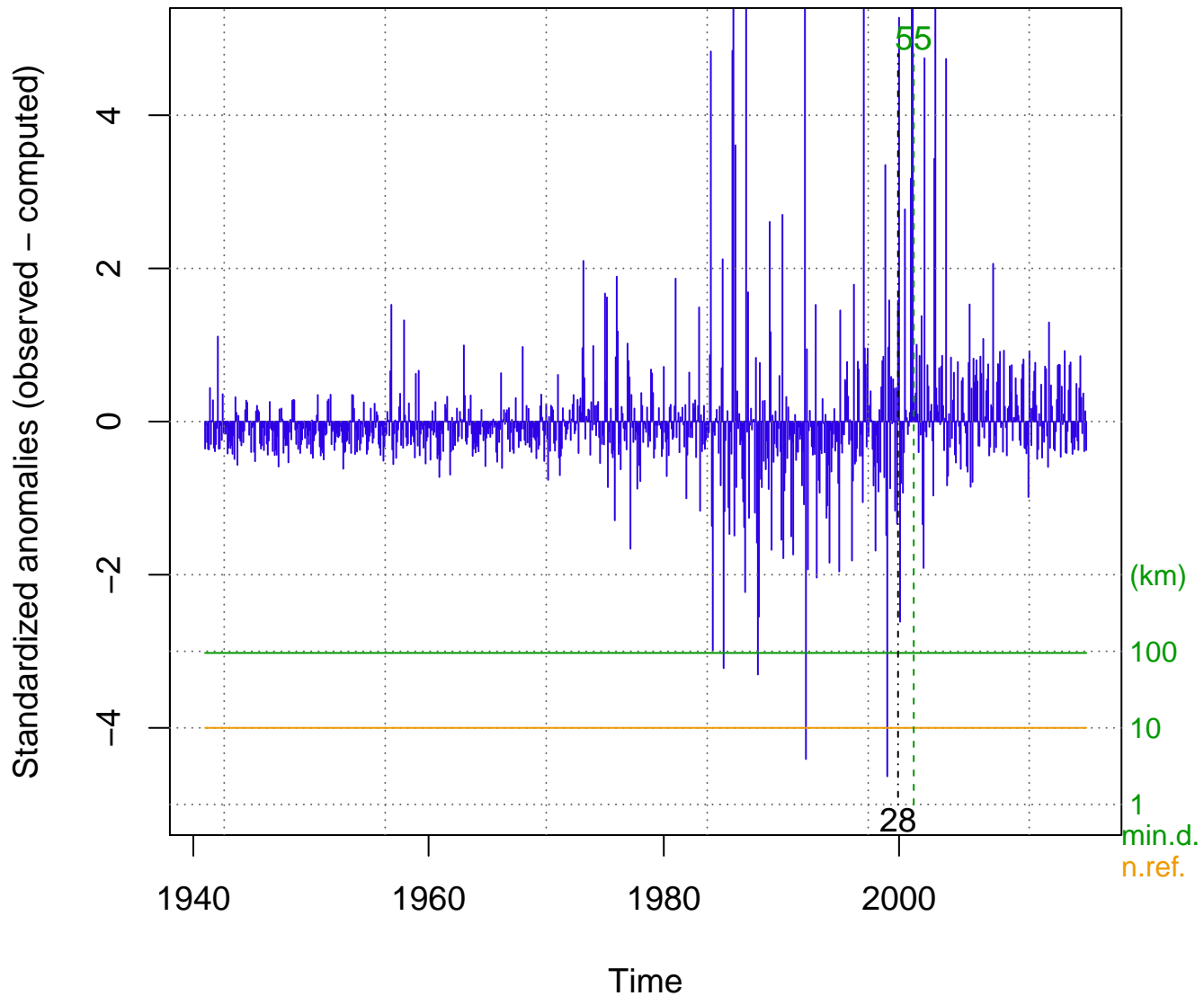
Prcp-3 47 (S248)

Costa de Reyes_Costa de Reyes

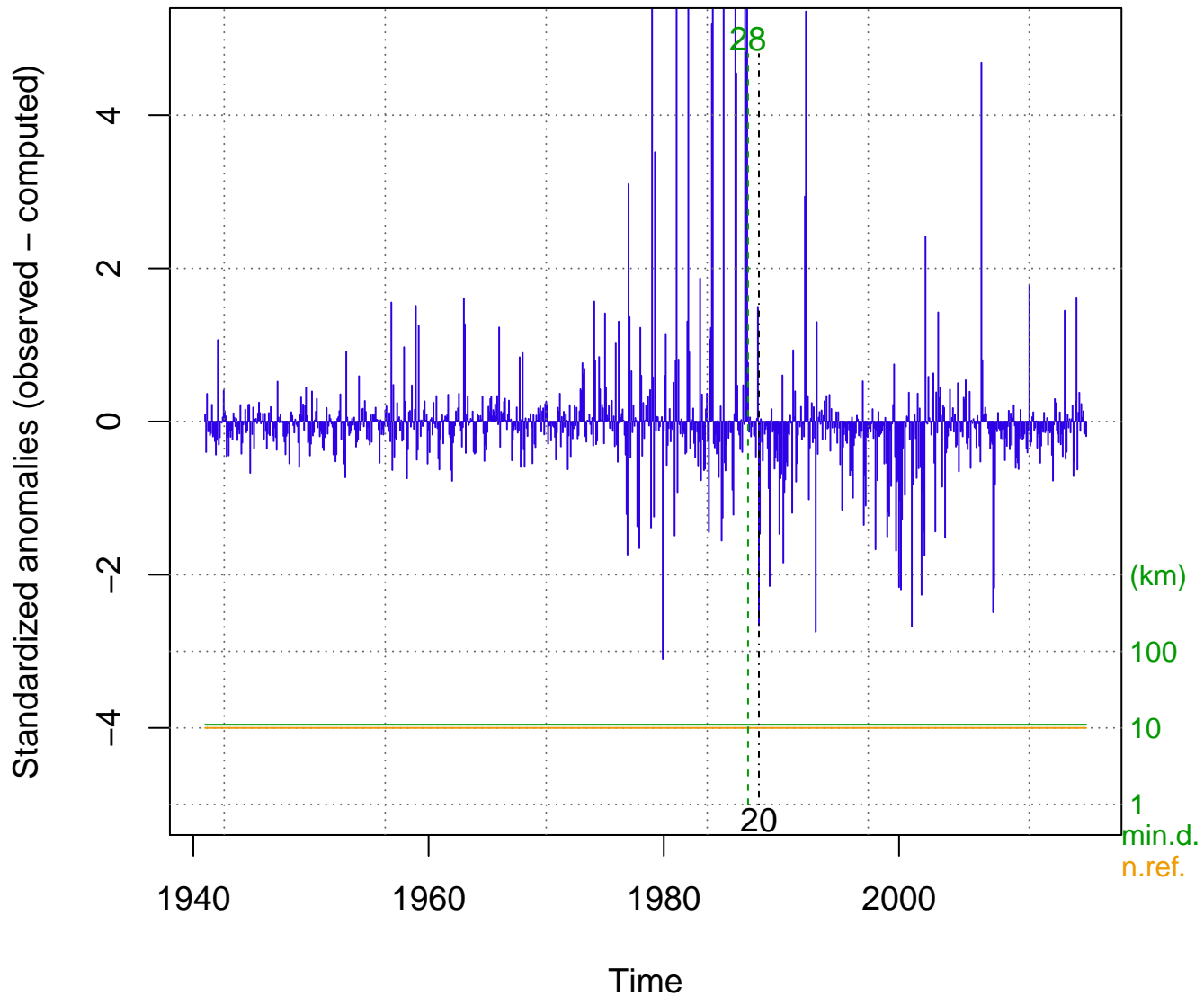


Prct-3 48 (S249)

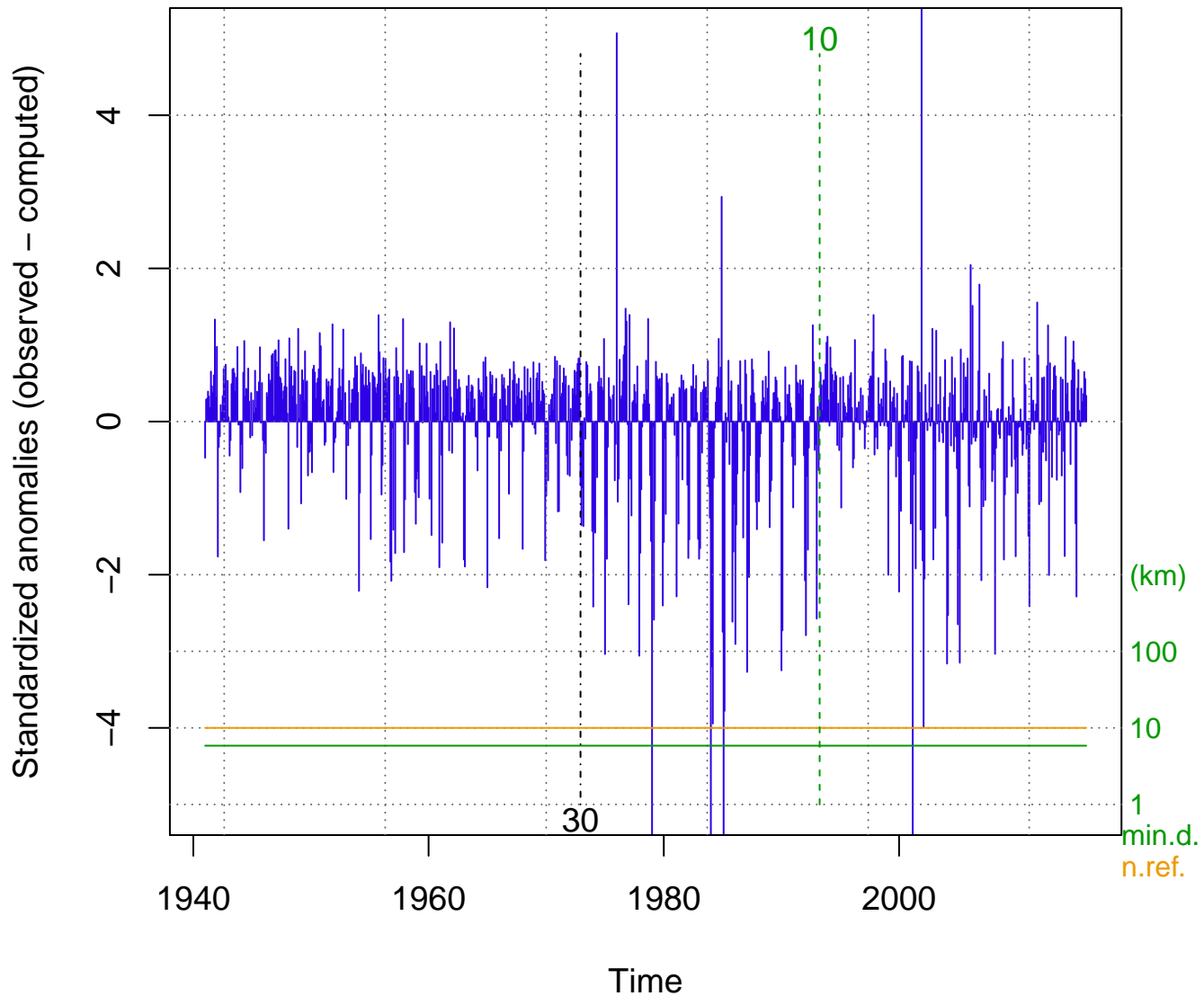
Dique Andaluca_Dique Andaluca



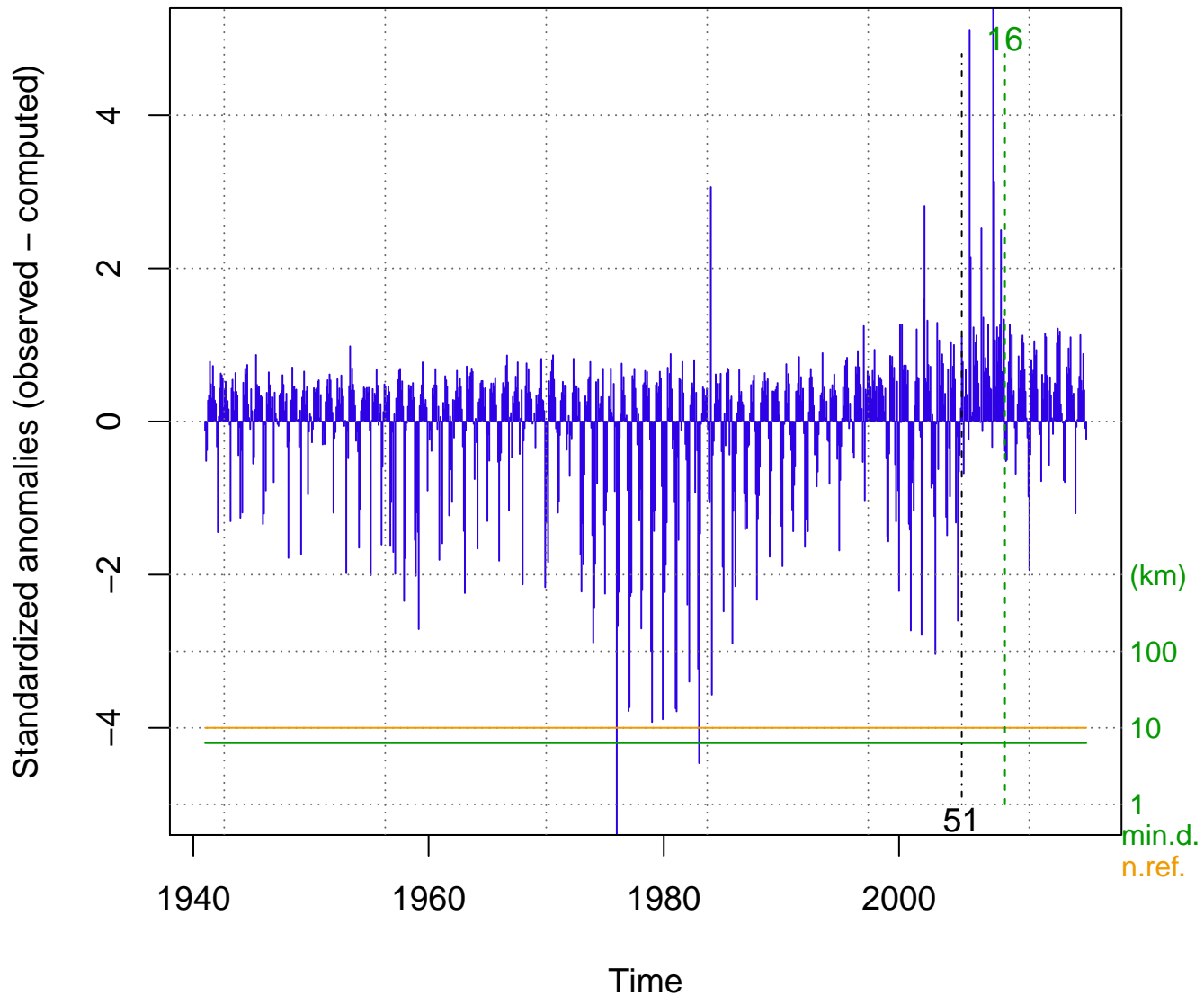
Prcp-3 49 (S250)
El Puesto_El Puesto



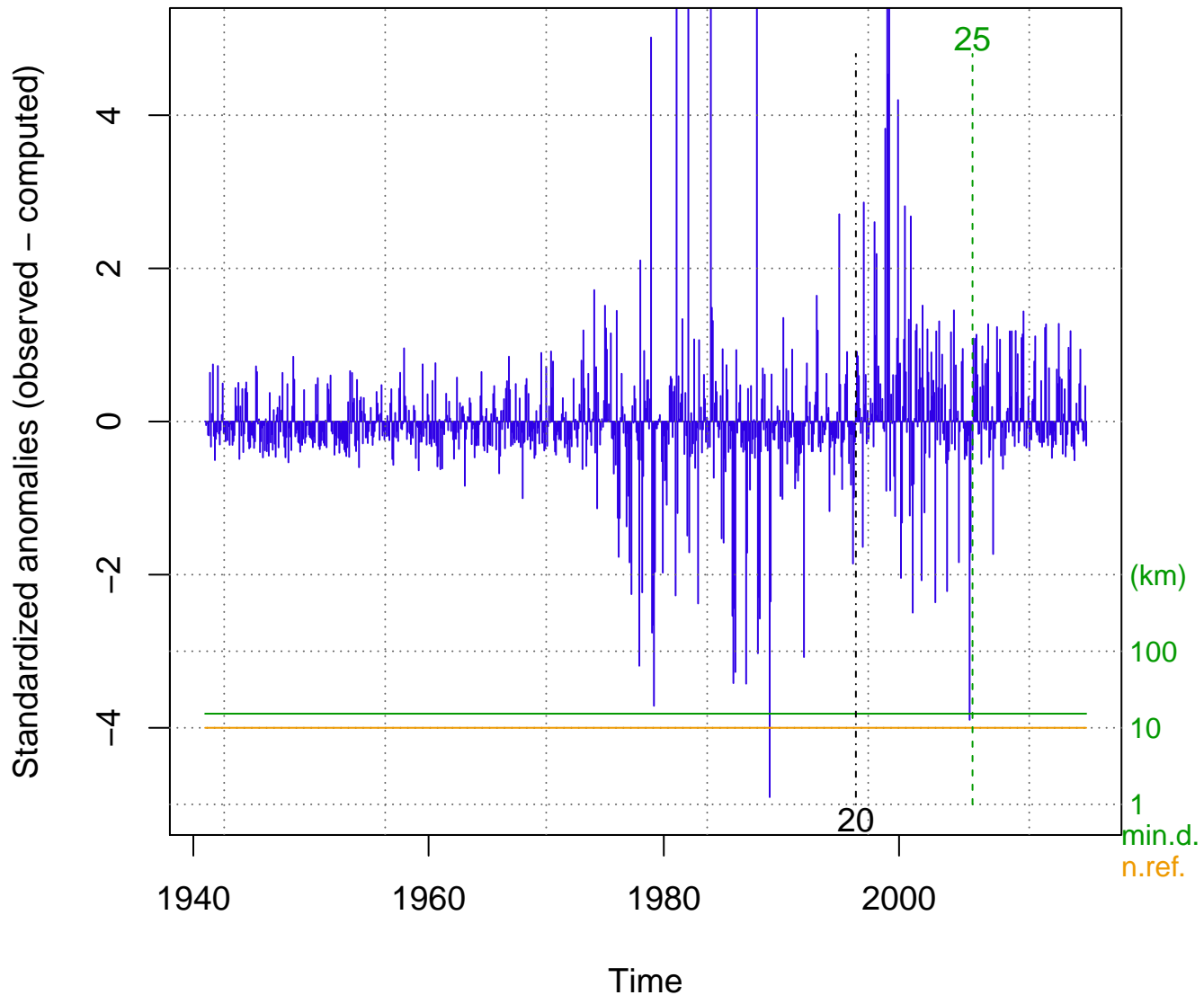
Prcp-3 50 (S251) Fiambala_Fiambala



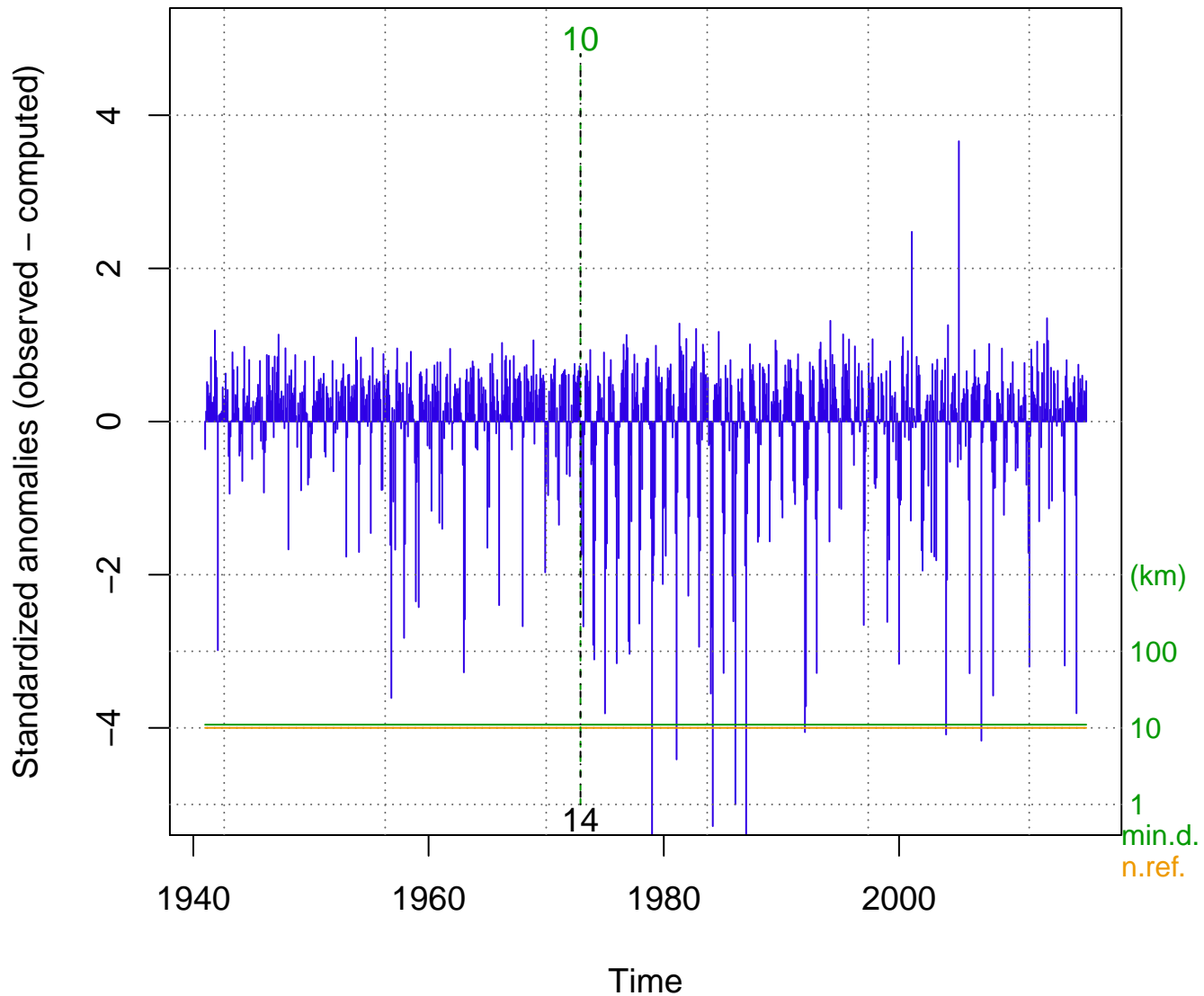
Prdp-3 51 (S253) Medanitos_Medanitos



Prcp-3 52 (S254)
Punta del Agua_Punta del Agua

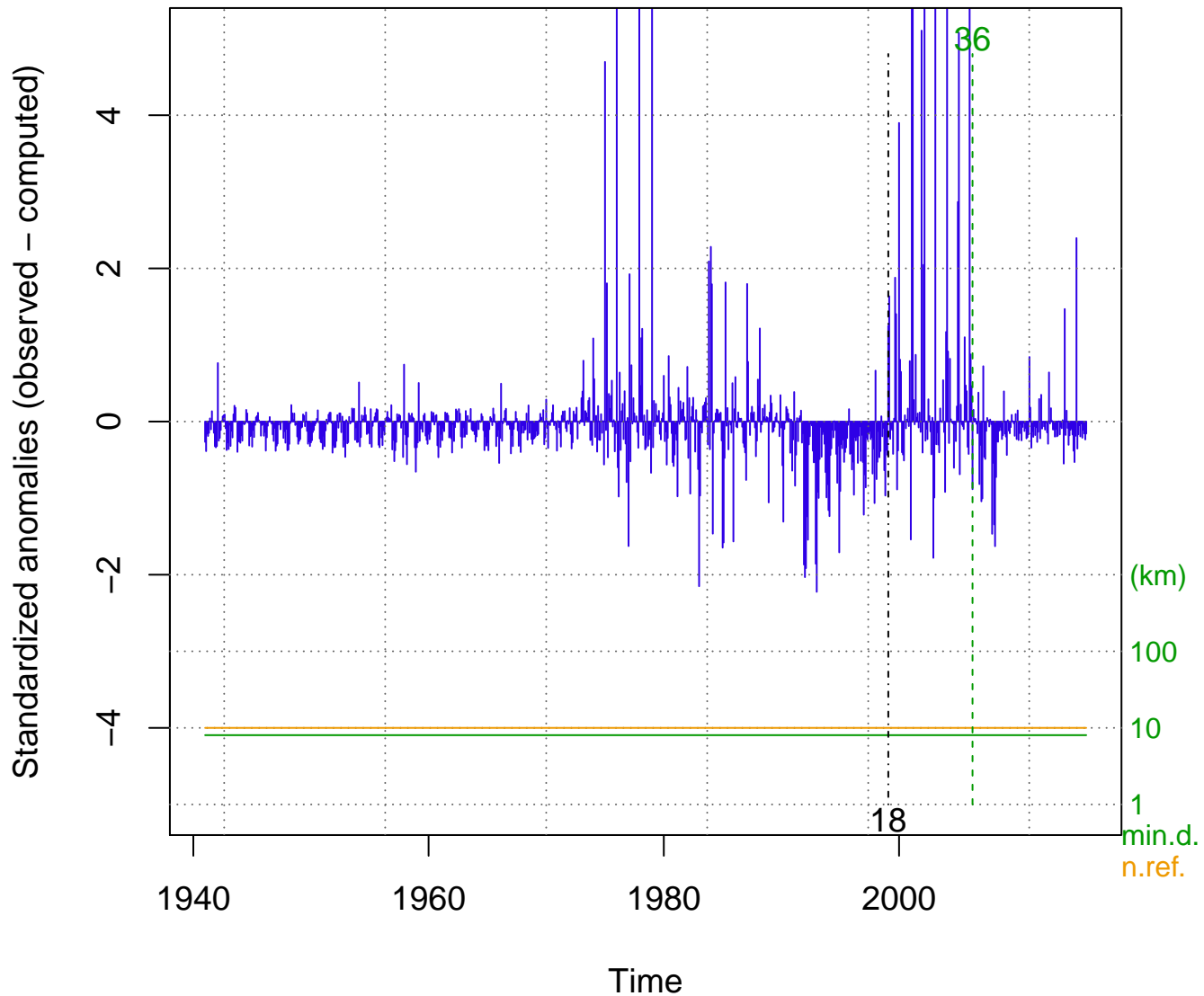


Prcp-3 53 (S255)
Santa Rosa_Santa Rosa

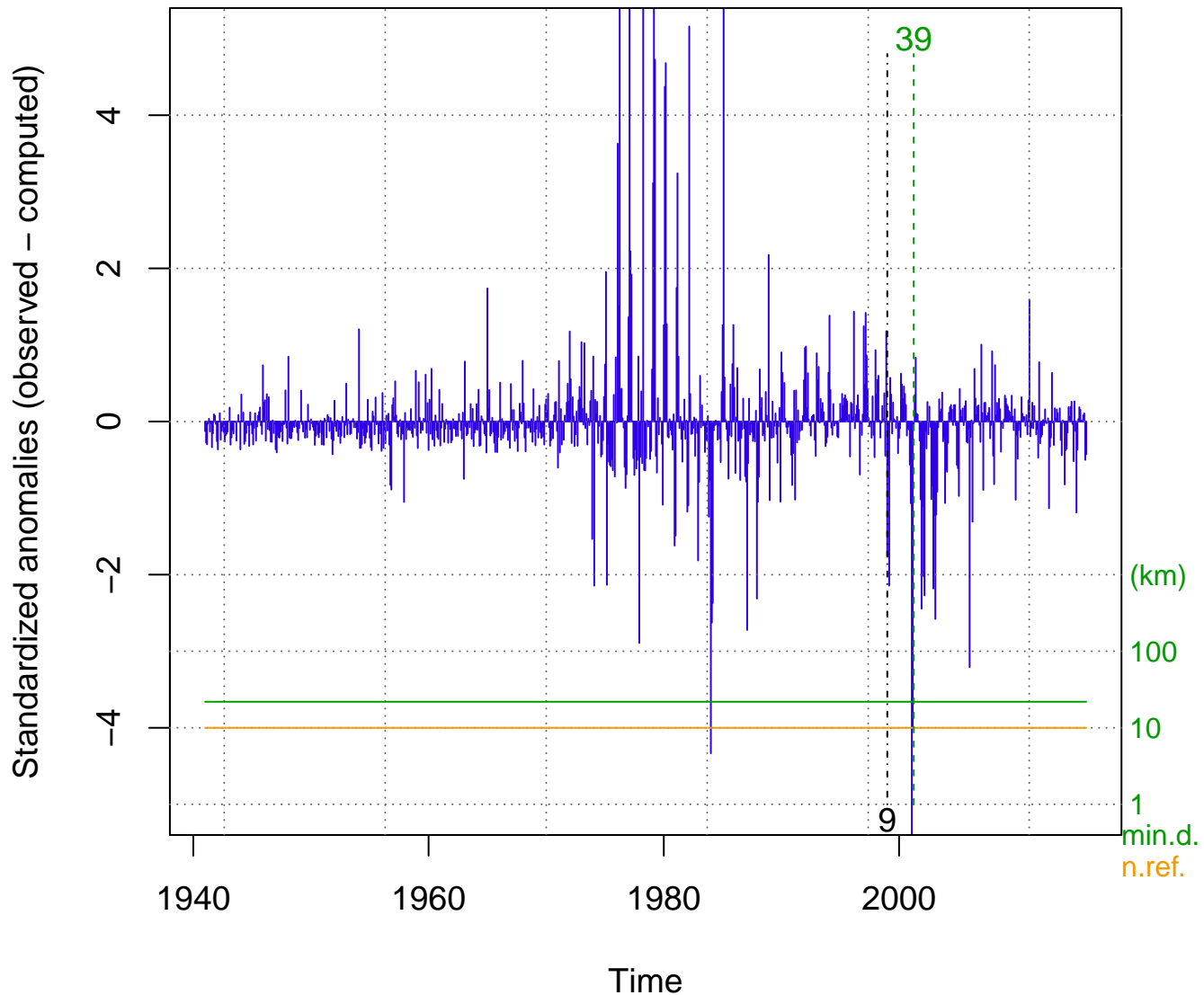


Prdp-3 54 (S256)

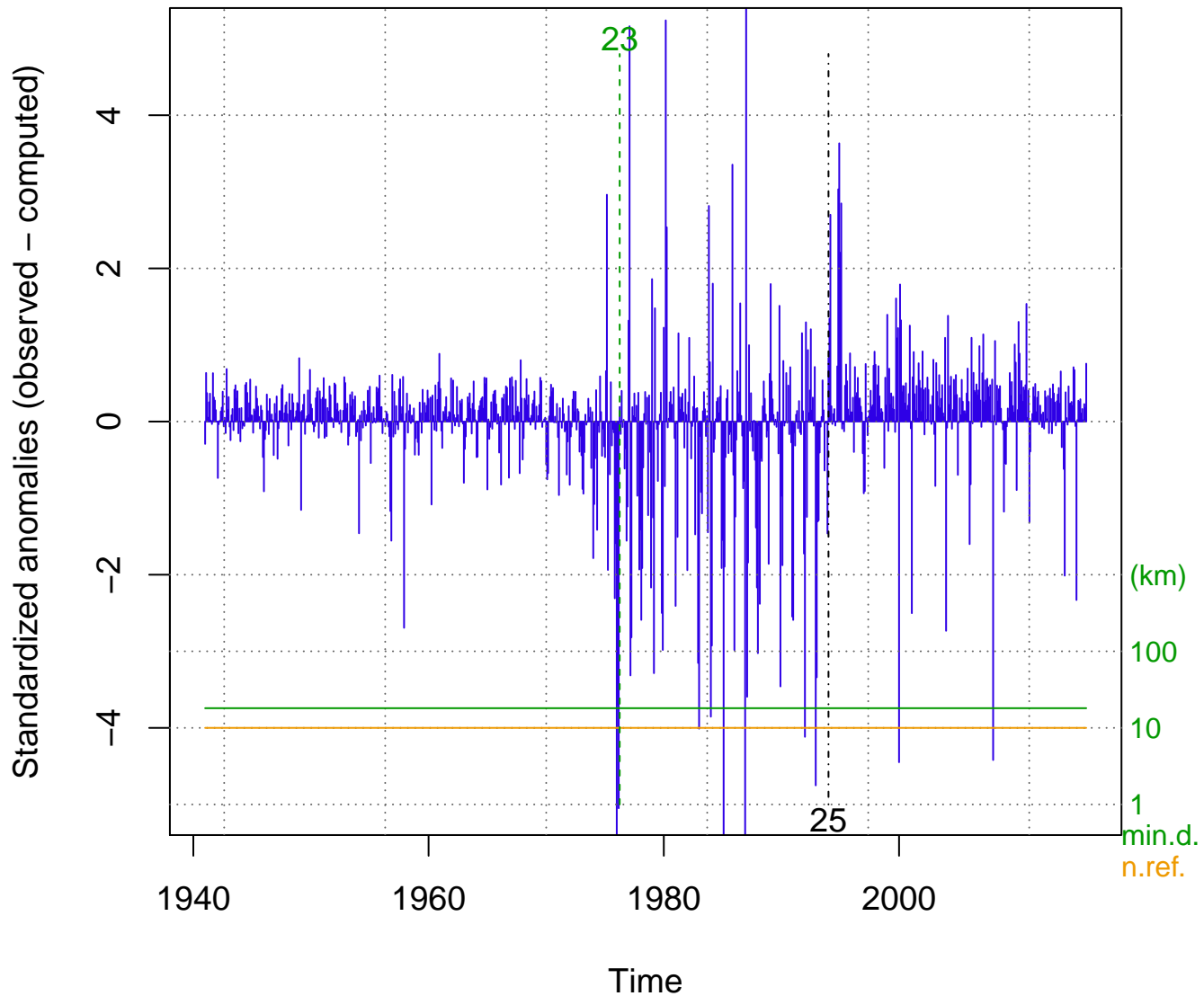
Taton_Taton



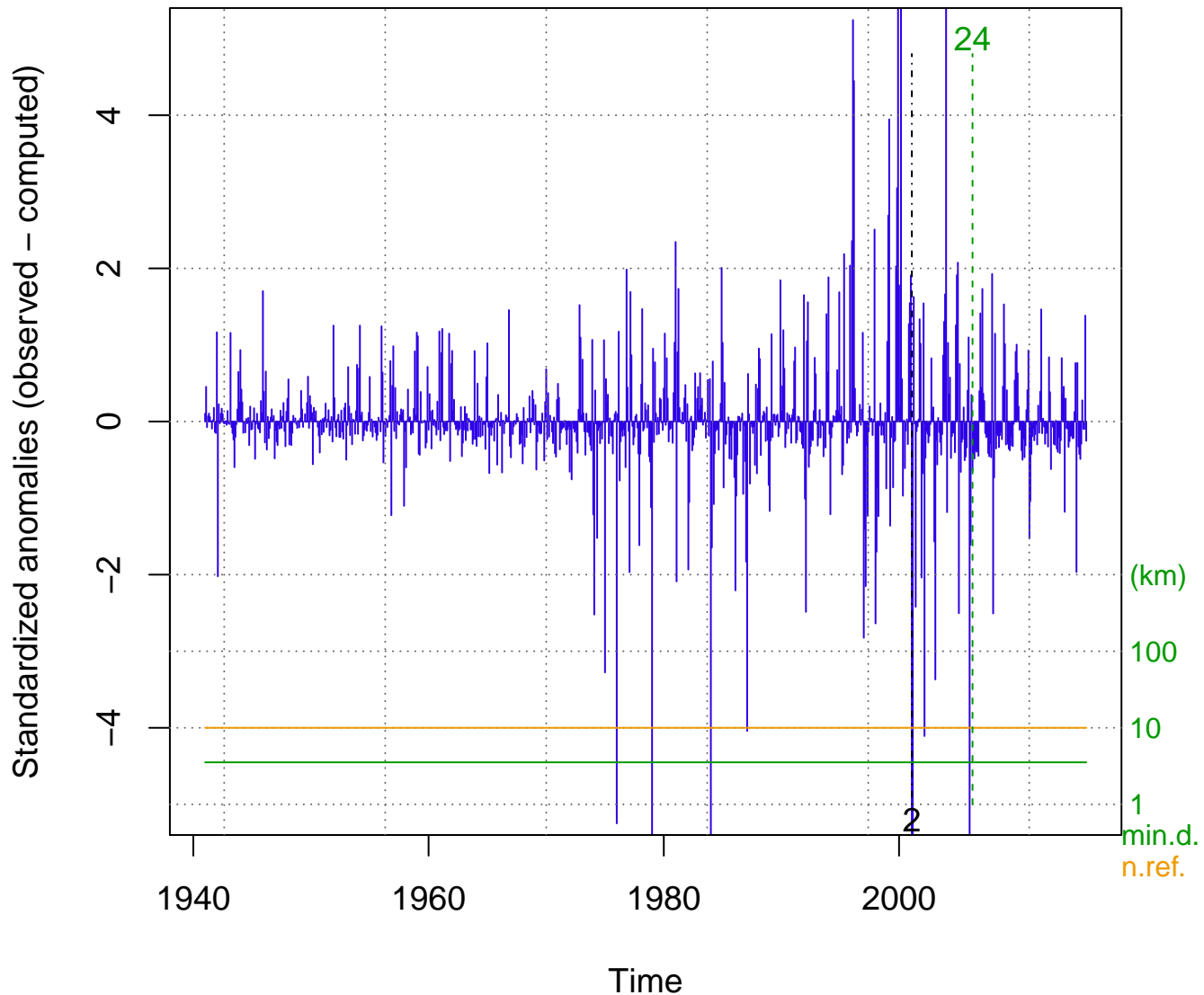
Prcp-3 55 (S257) Aguas Negras_Aguas Negras



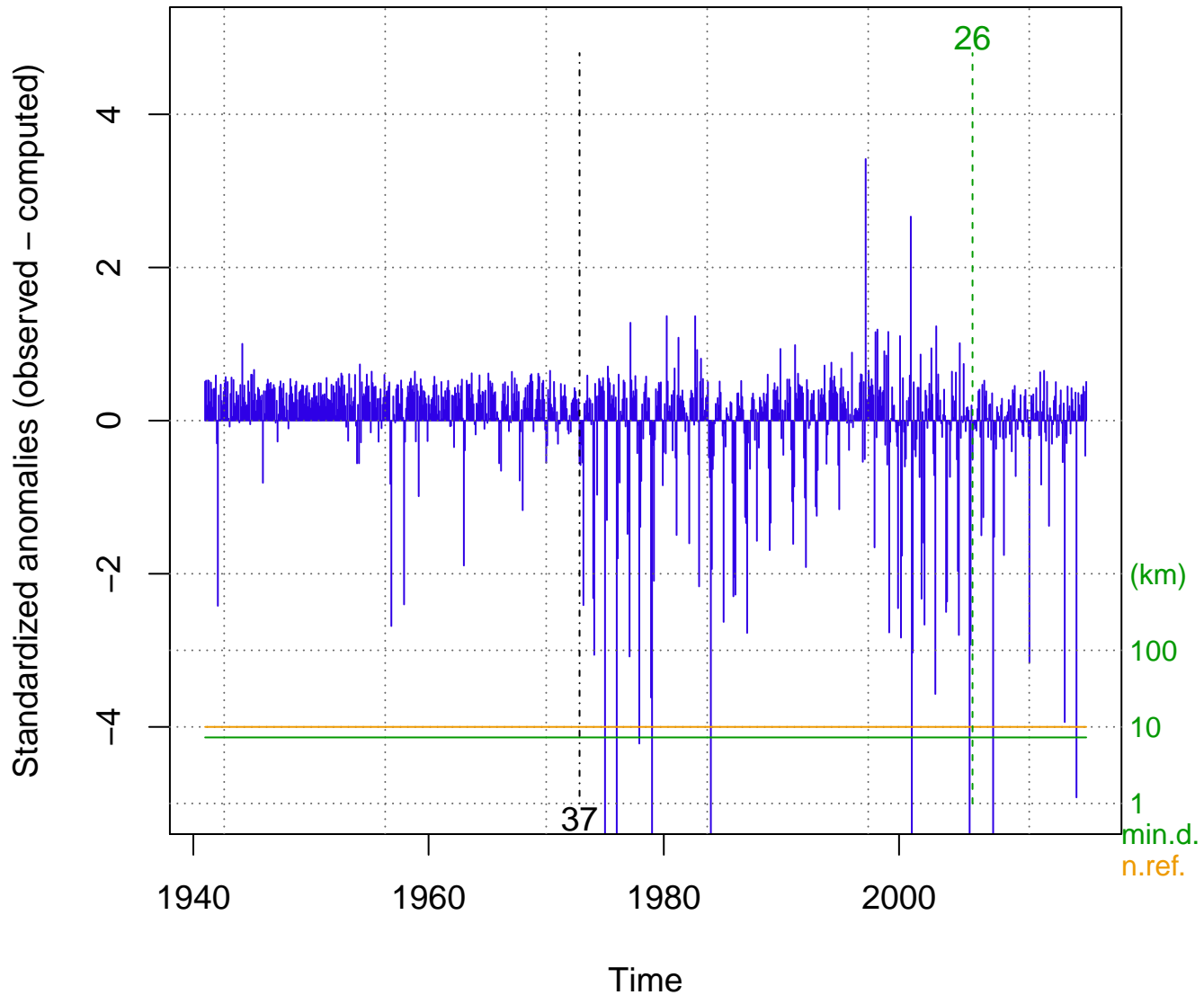
Prcp-3 56 (S258)
Cerro Negro_Cerro Negro2



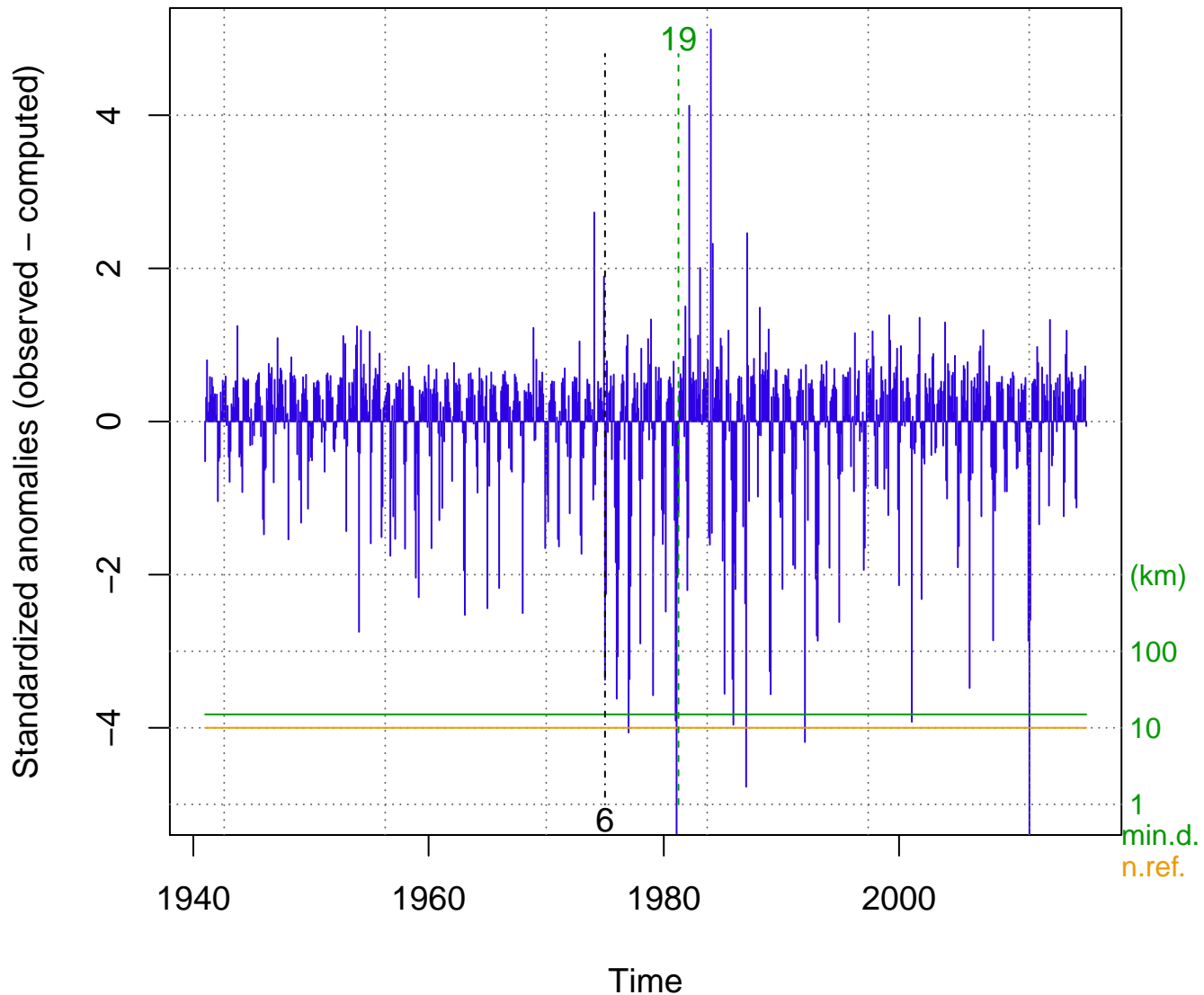
Prdp-3 57 (S260) La Palca_La Palca



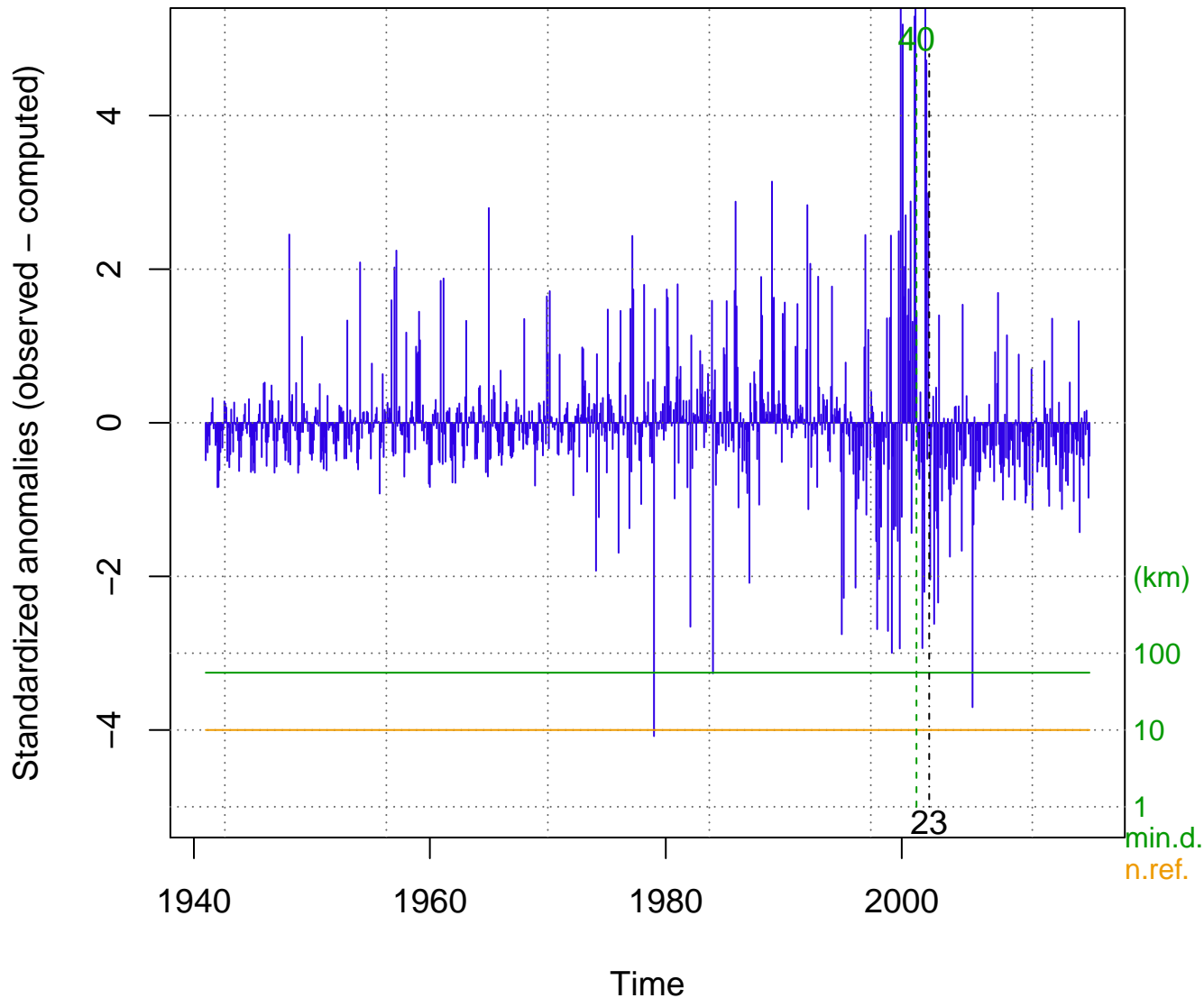
Prcp-3 58 (S261) Las Papas_Las Papas



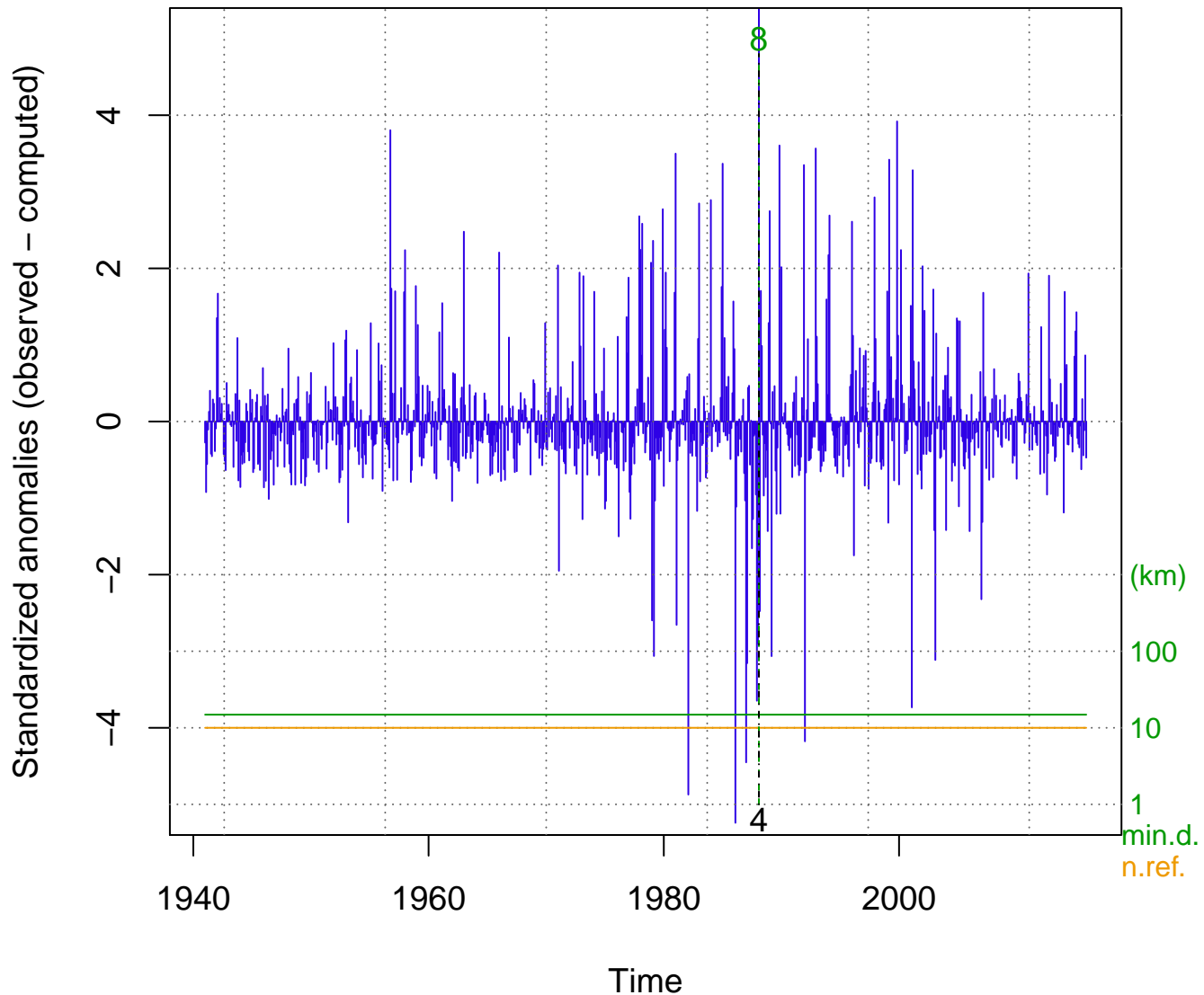
Prcp-3 59 (S262)
Palo Blanco_Palo Blanco



Prép-3 60 (S263)
Rincón de Médano_Rincón de Médano



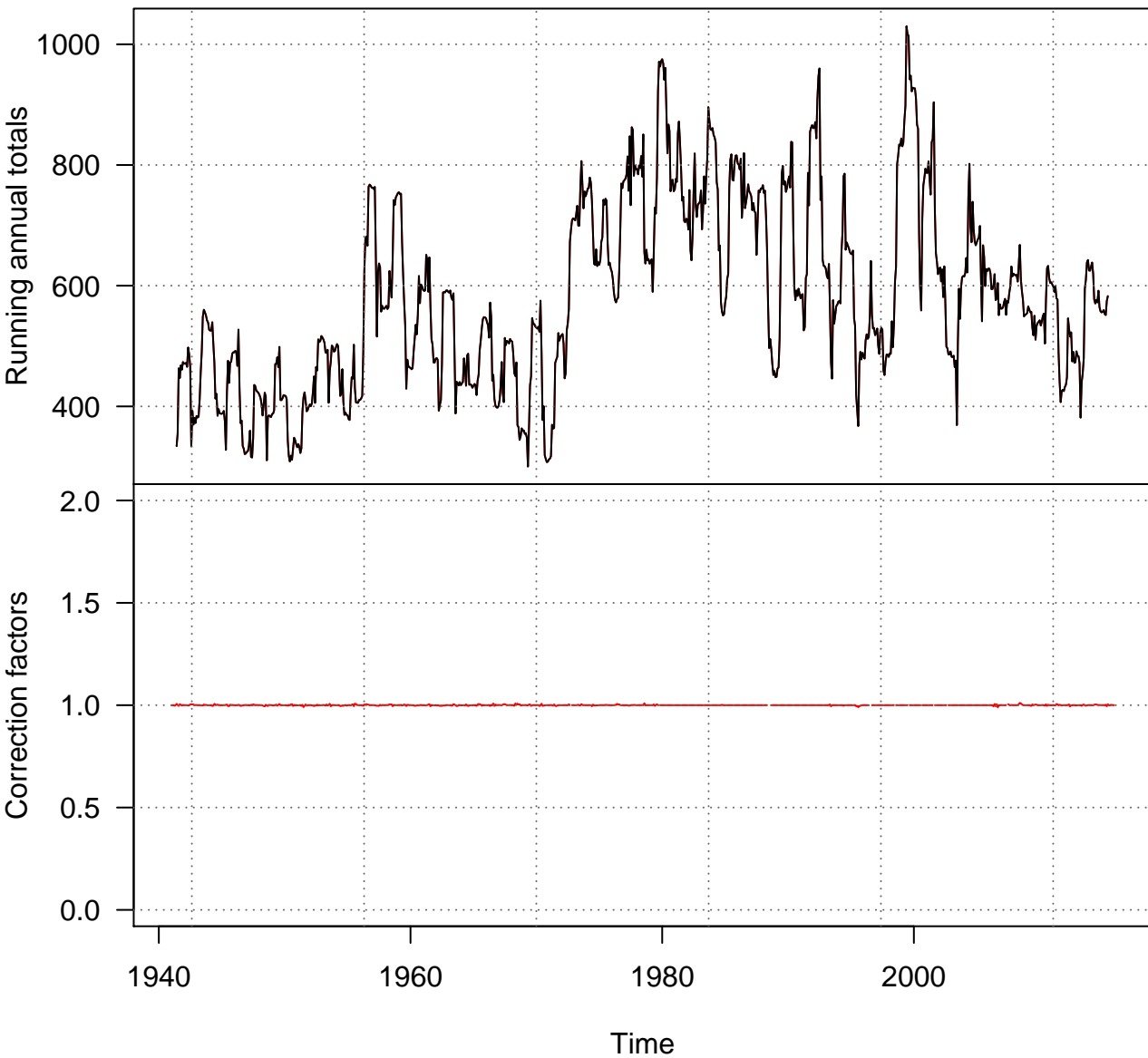
Prcp-3 61 (S264)
Villa Luján_Villa Luján



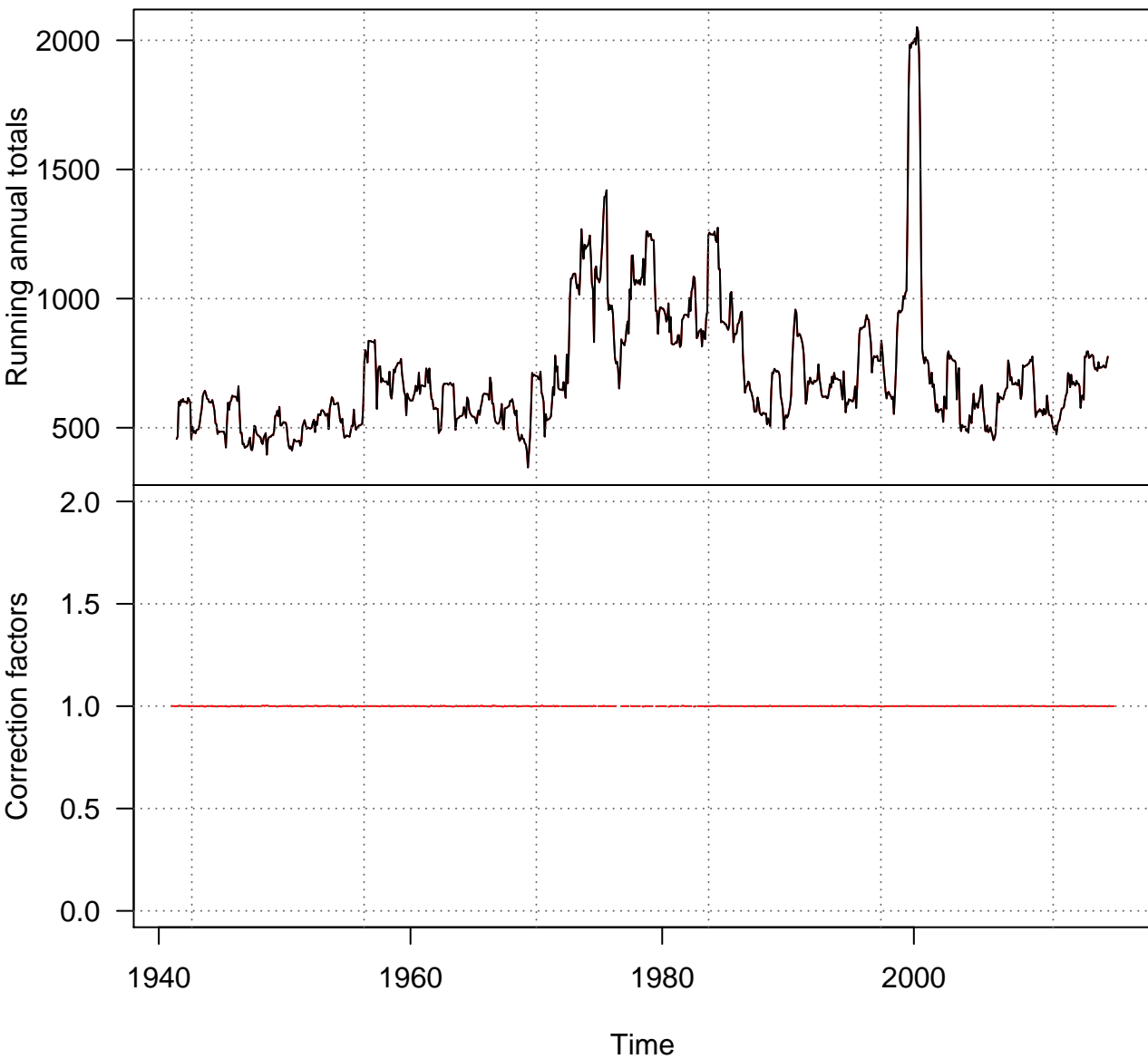
Final graphics

Adjusted series and
applied corrections

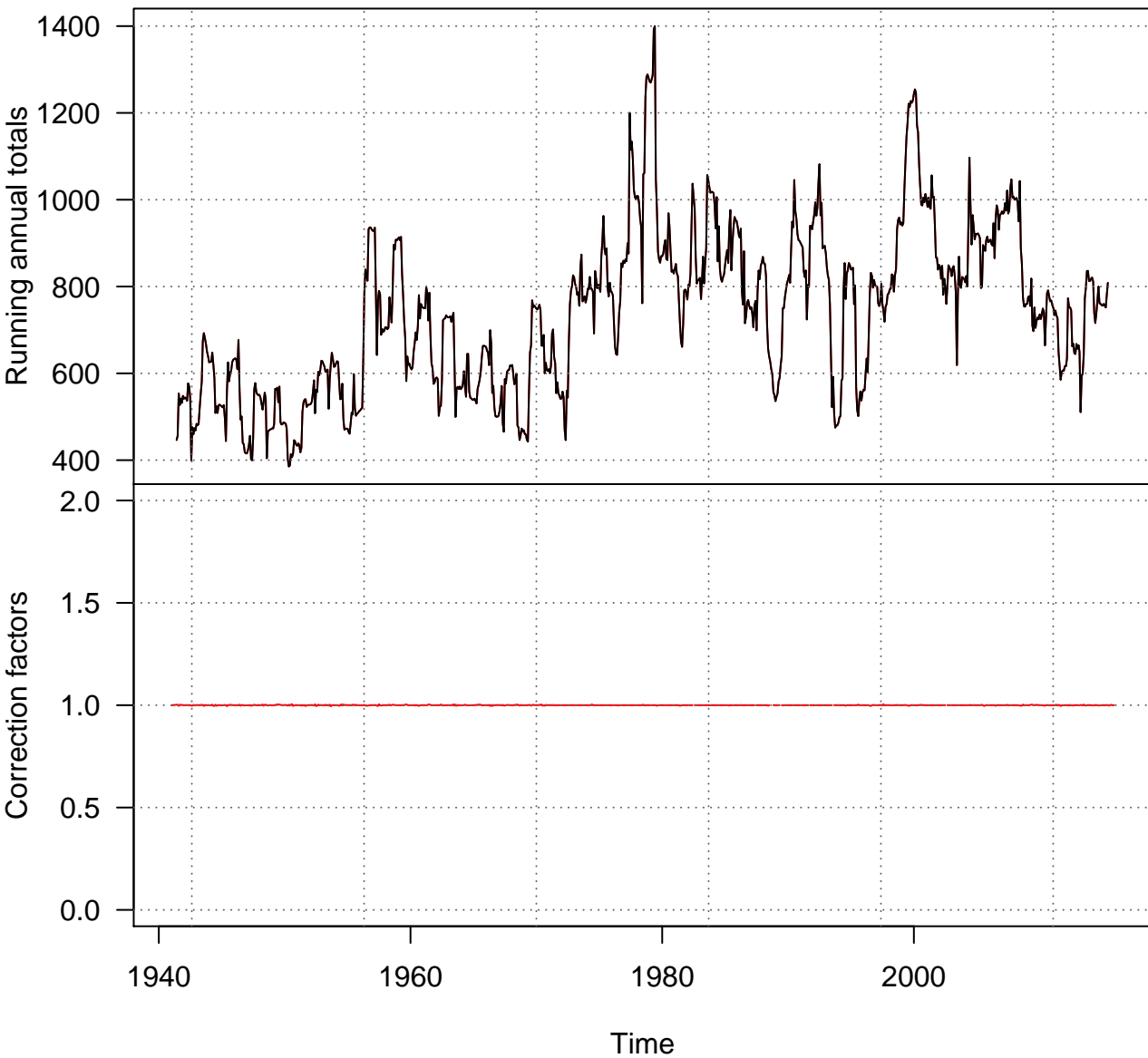
Prcp-3 1 (S119)
El Rodeo_El Rodeo



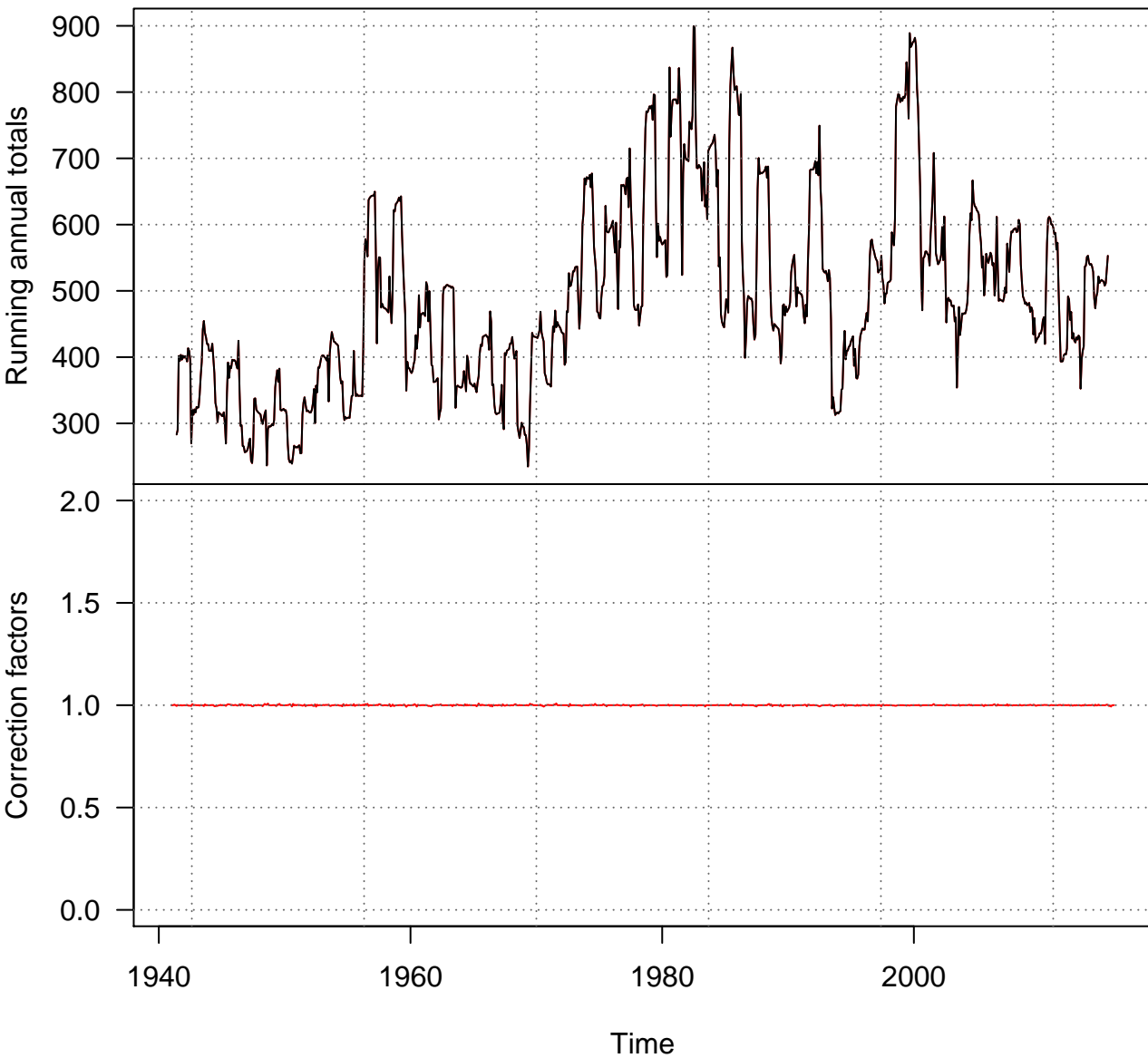
Prcp-3 2 (S120)
Humaya_Humaya



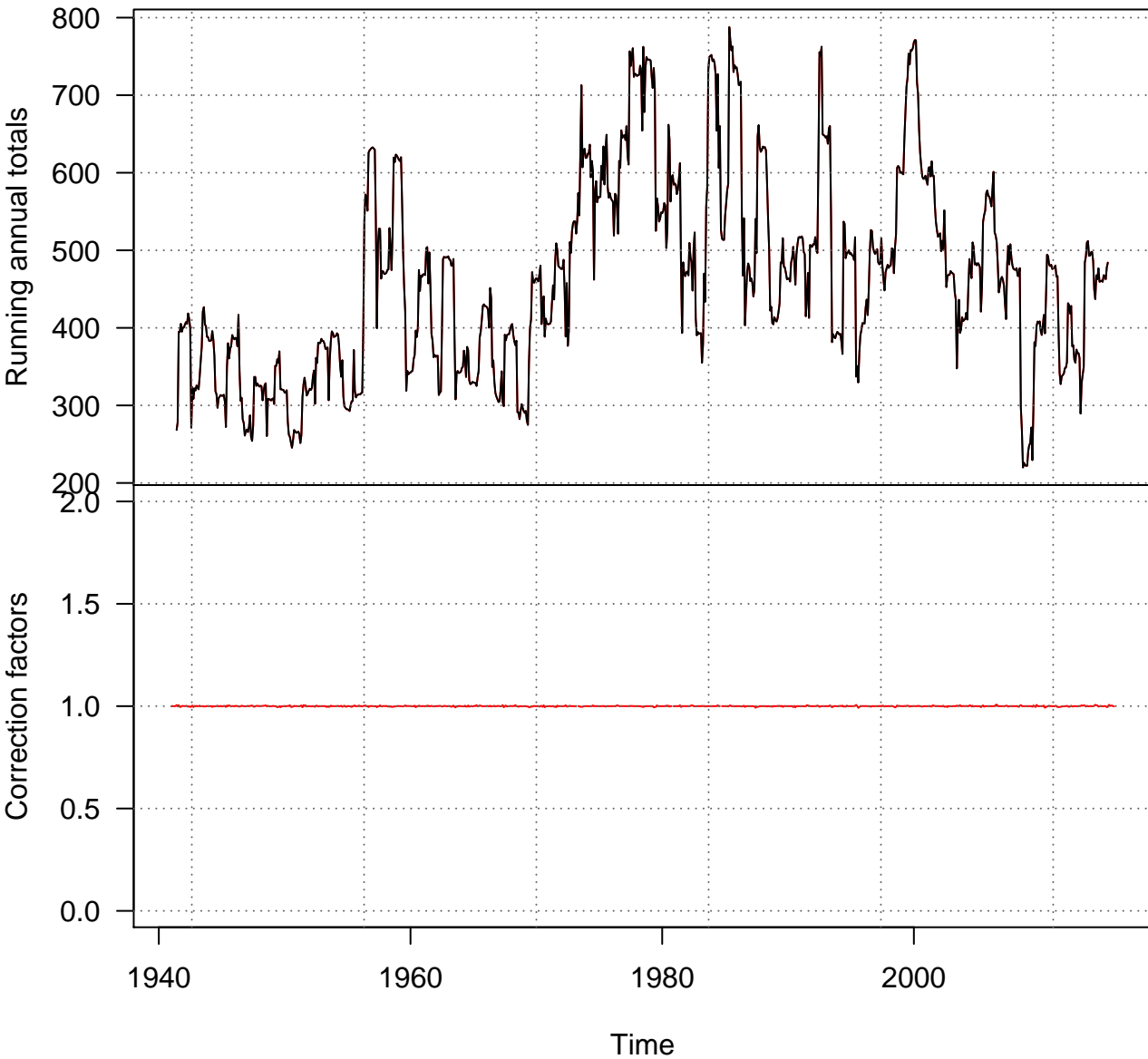
Prctp-3 3 (S121)
Las Piedras Blancas_Las Piedras Blancas



Prcp-3 4 (S122)
Los Castillos_Los Castillos

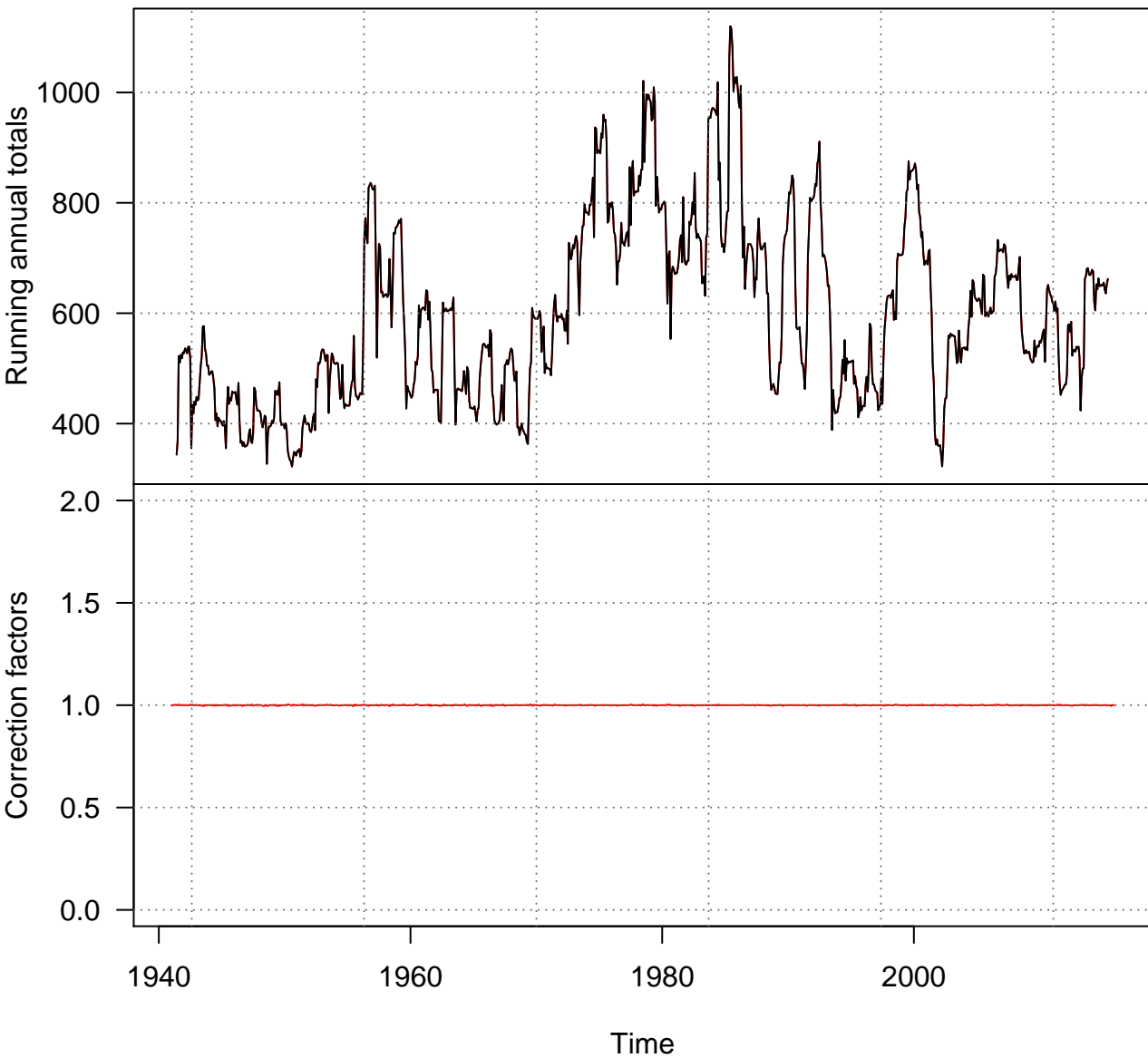


Prdp-3 5 (S123)
Los Varelas_Los Varelas



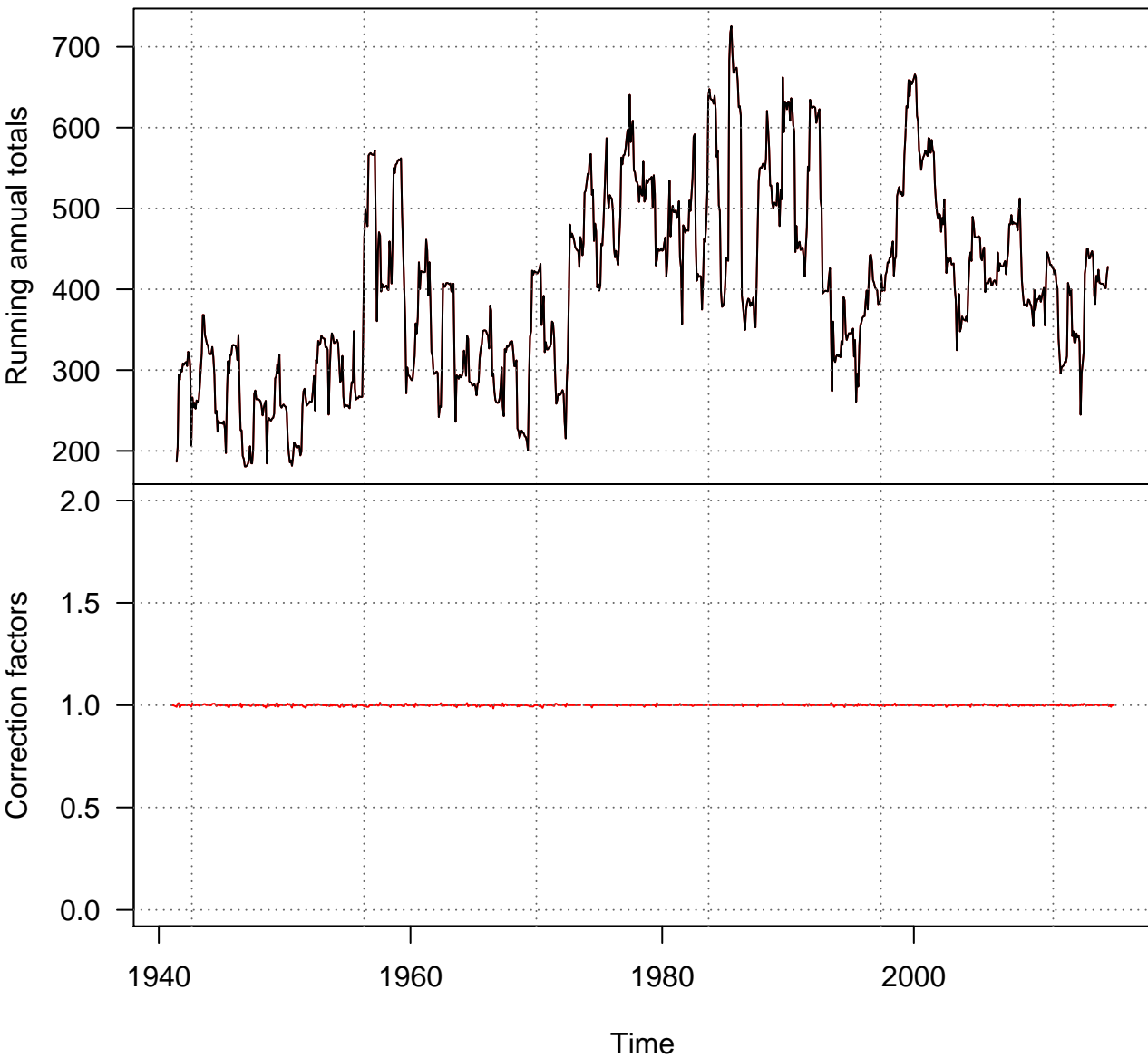
Prcp-3 6 (S124)

Singuil_Singuil

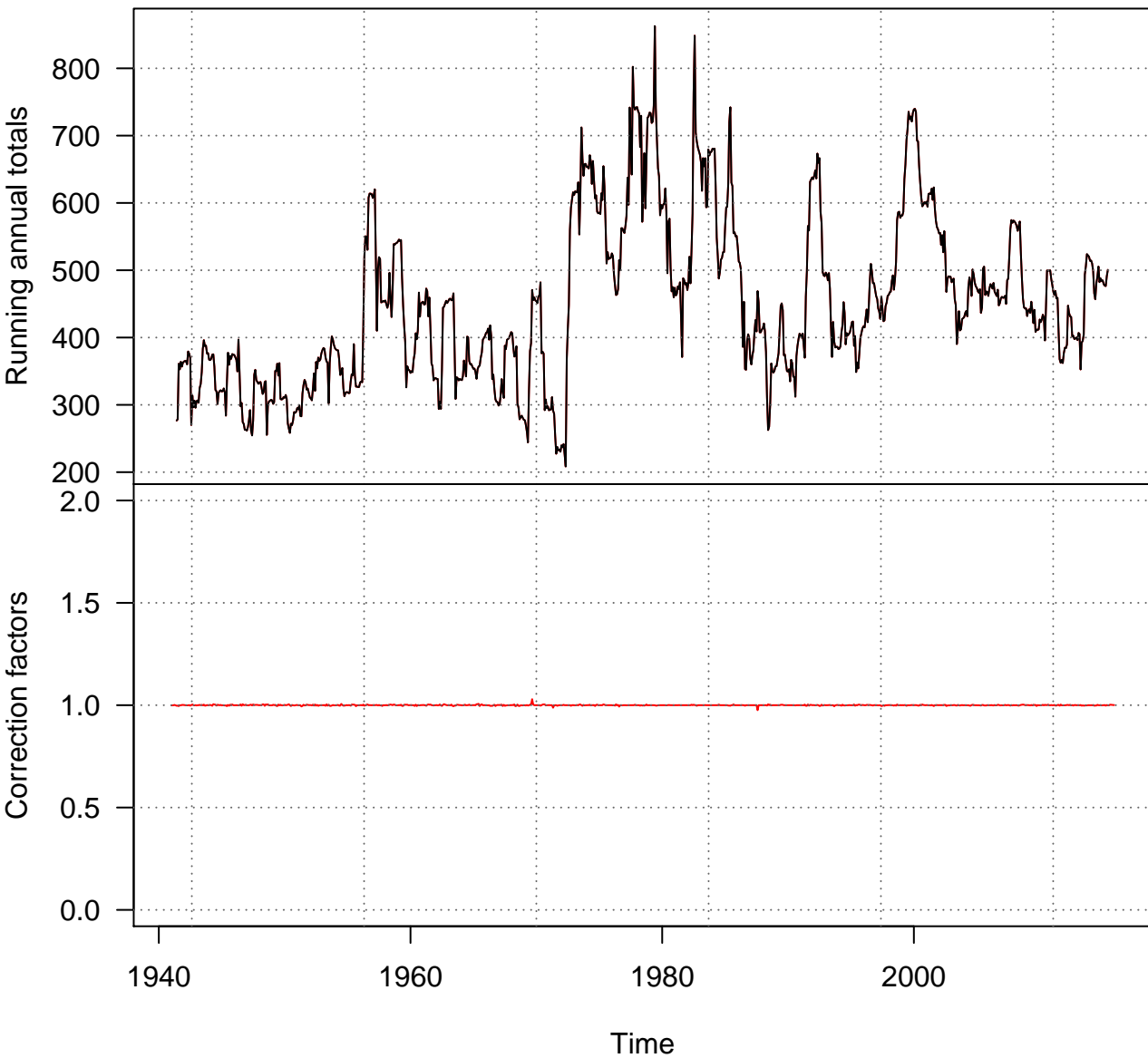


Prcp-3 7 (S125)

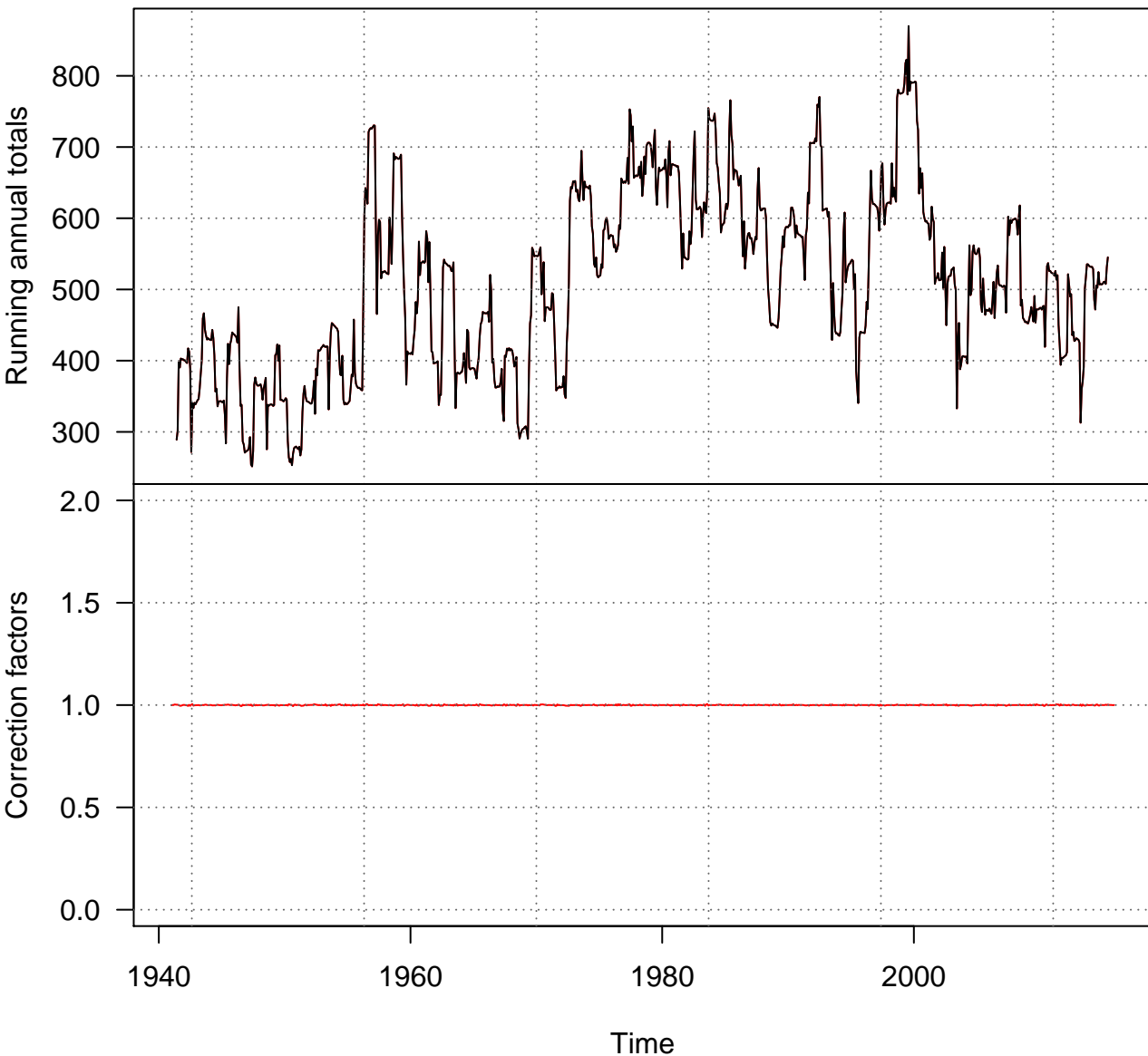
Colpes_Colpes



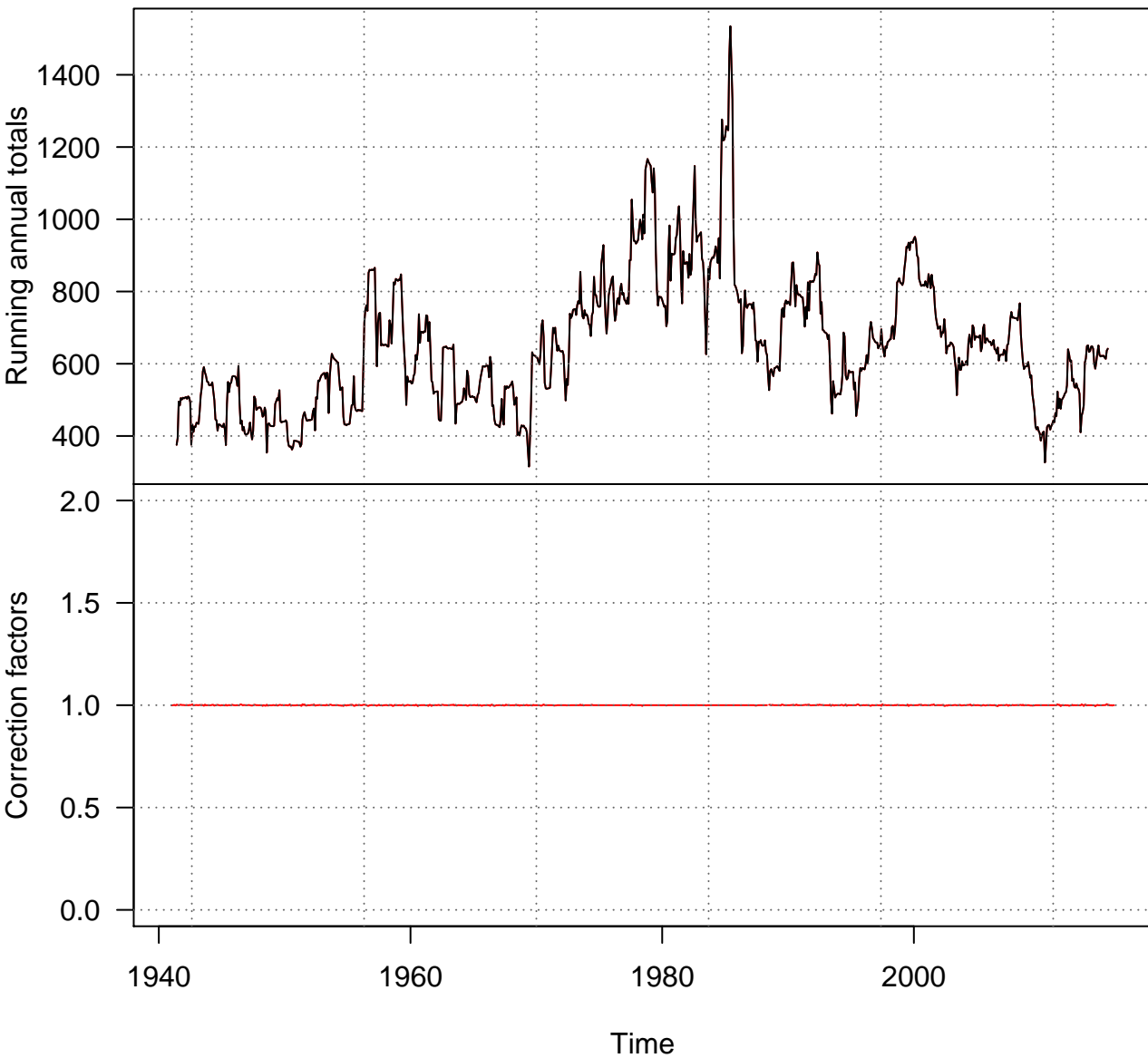
Prcp-3 8 (S126)
Huaycama_Huaycama



Prcp-3 9 (S128)
La Rinconada_La Rinconada



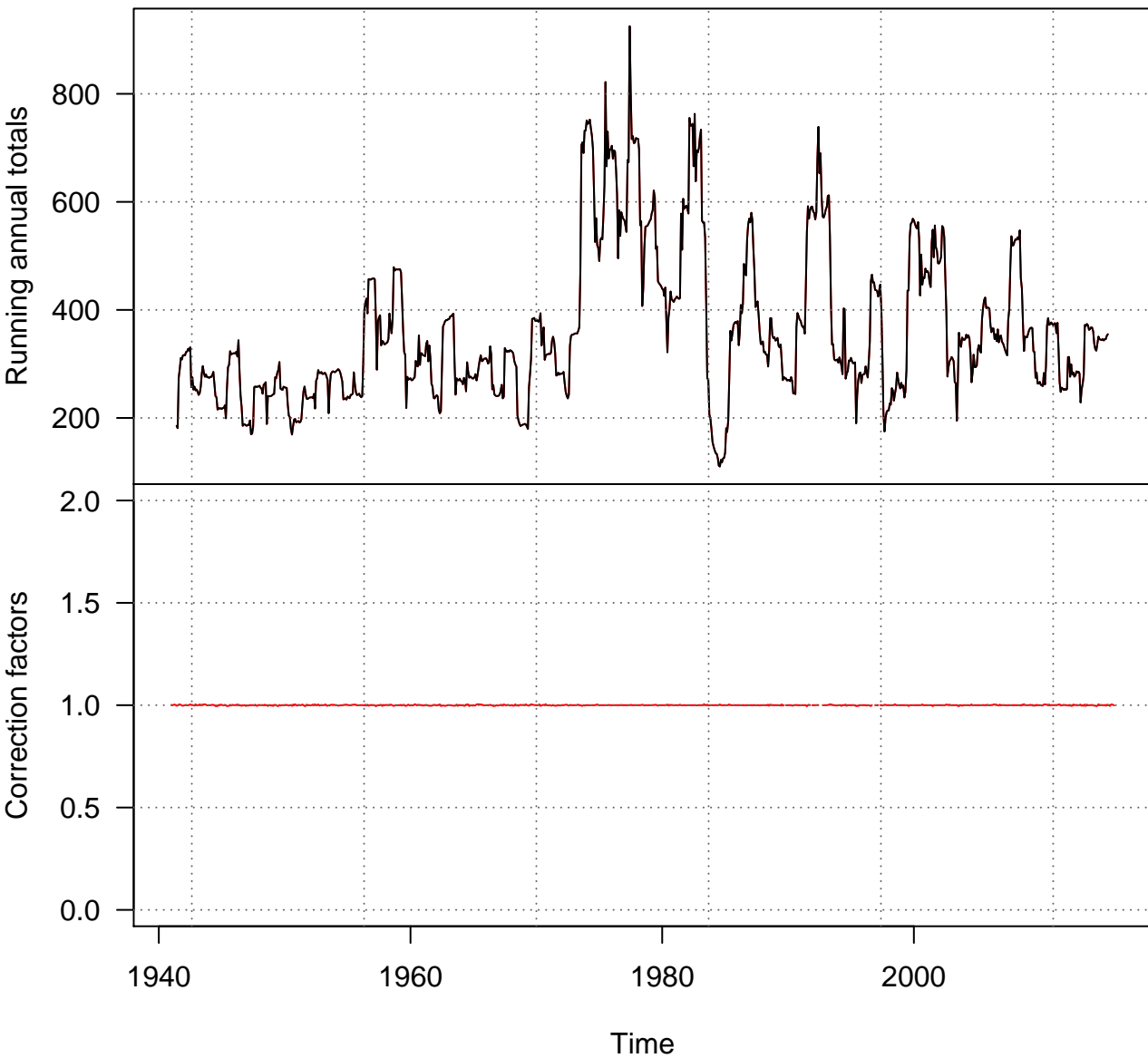
Prcp-3 10 (S129)
Las Juntas_Las Juntas



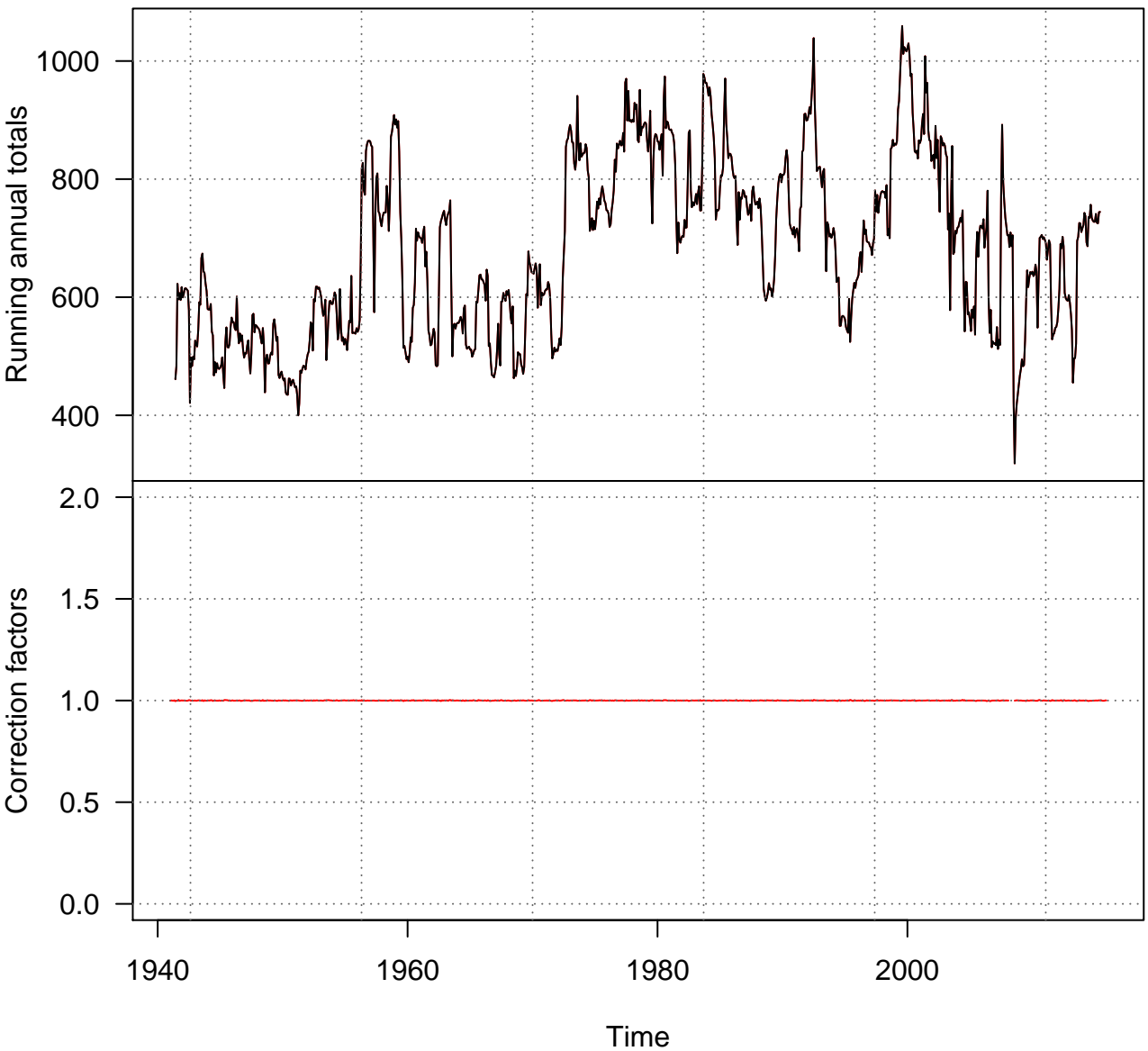
Prcp-3 11 (S149)
Agua Salada_Agua Salada



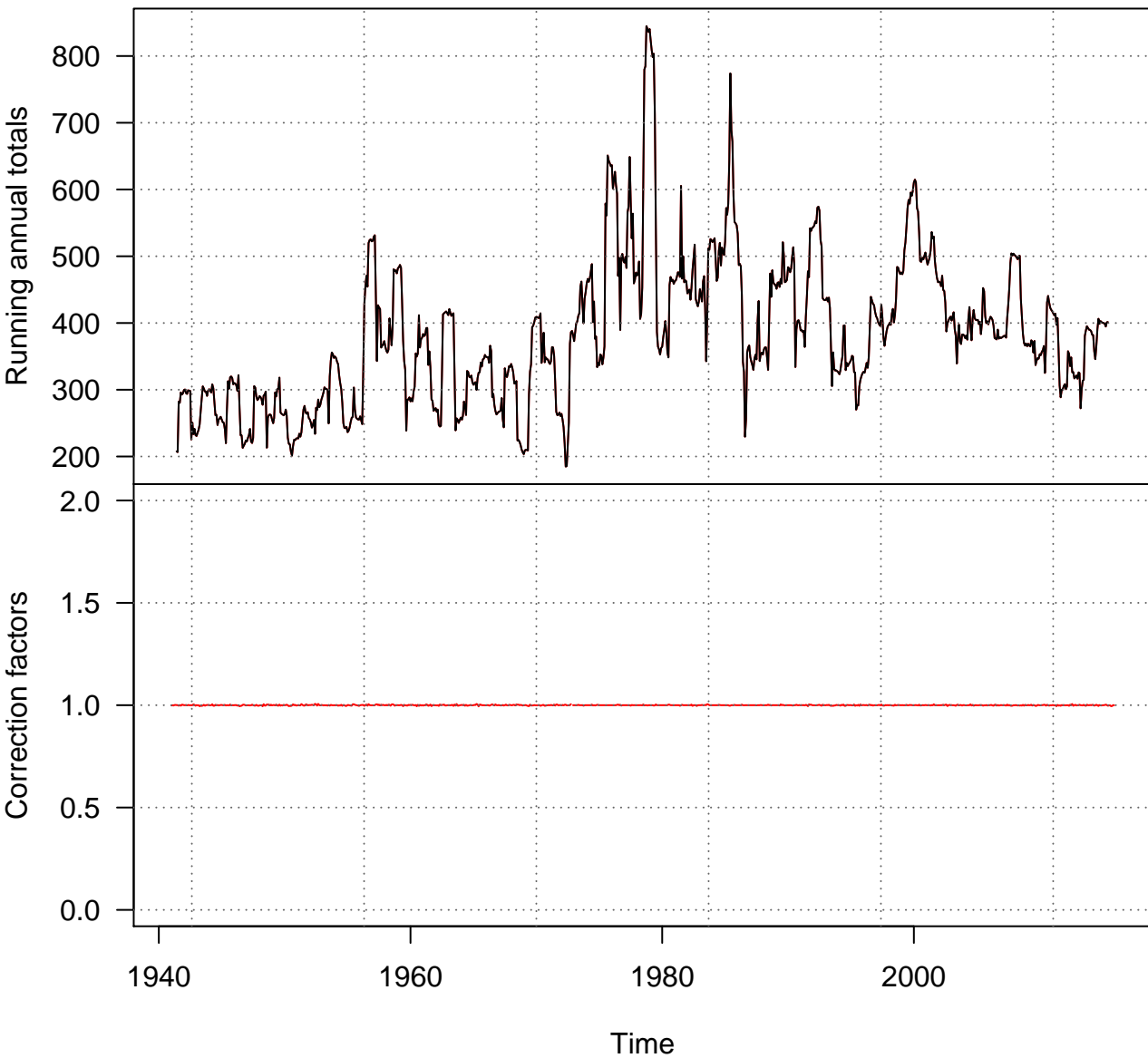
Prcp-3 12 (S150)
Amano_Amano



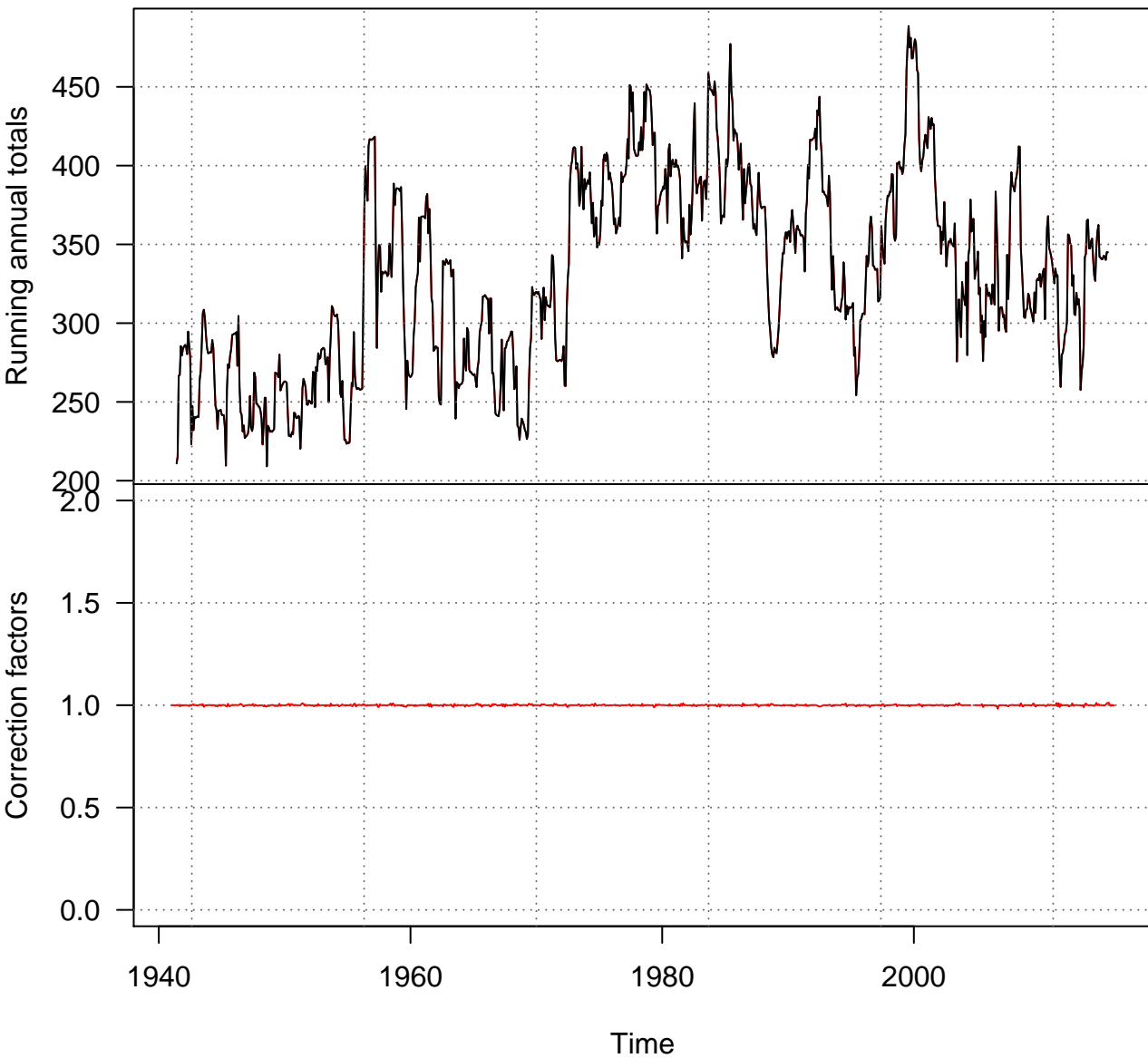
Prcp-3 13 (S151)
El Potrero_El Potrero



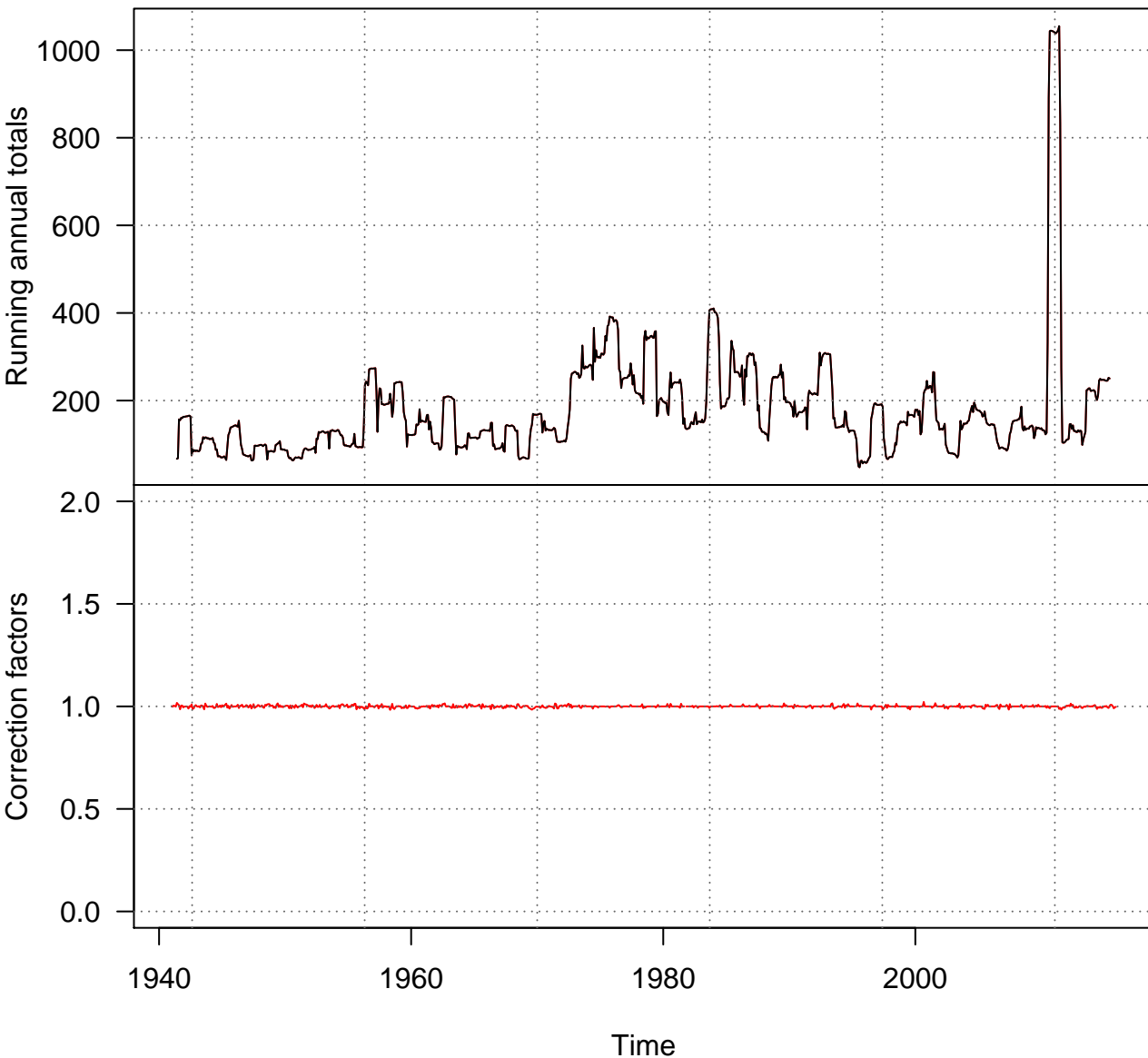
Prcp-3 14 (S152)
Villa Villa_Villa Villa



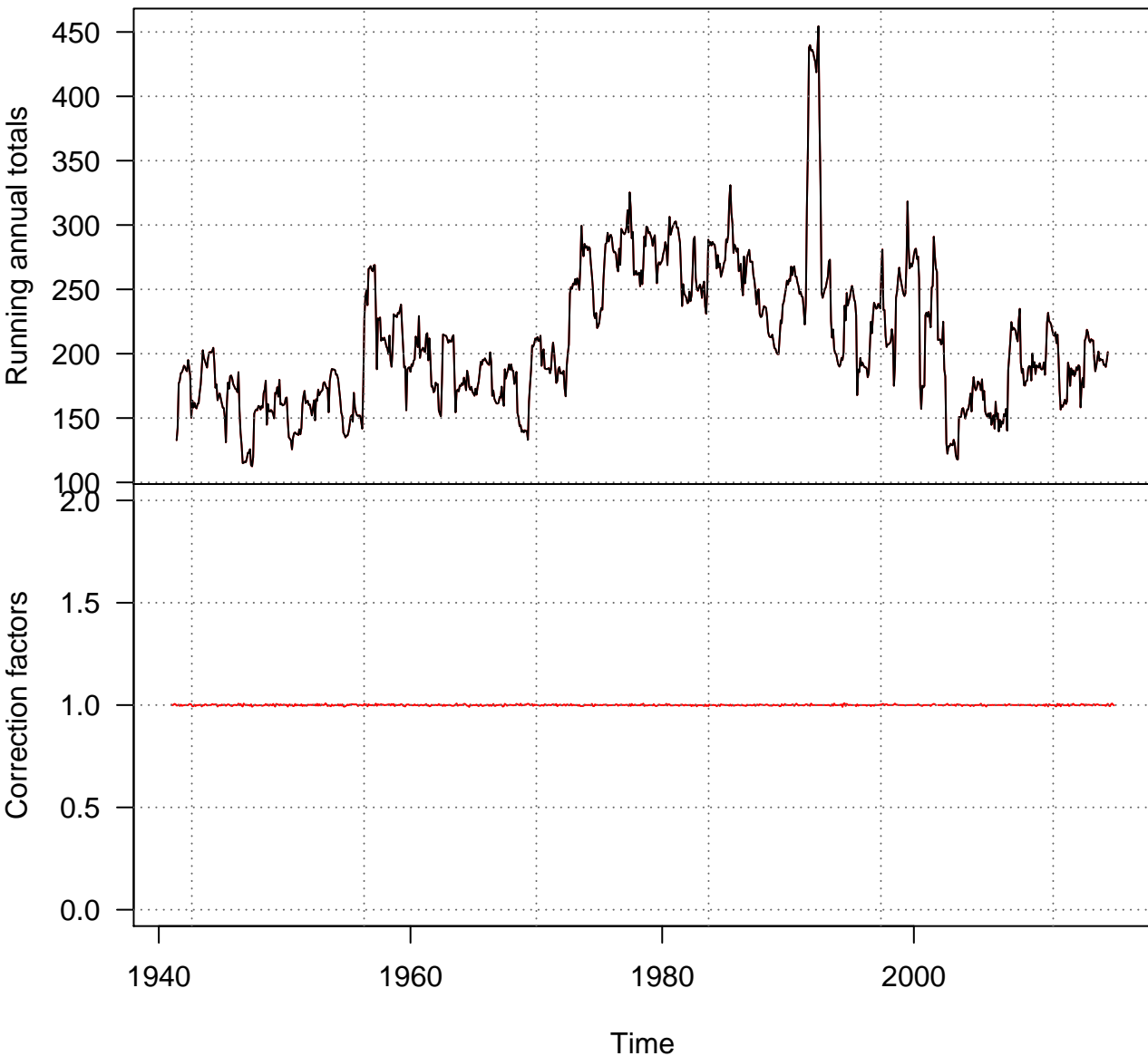
Prcp-3 15 (S153)
Belen_Belen



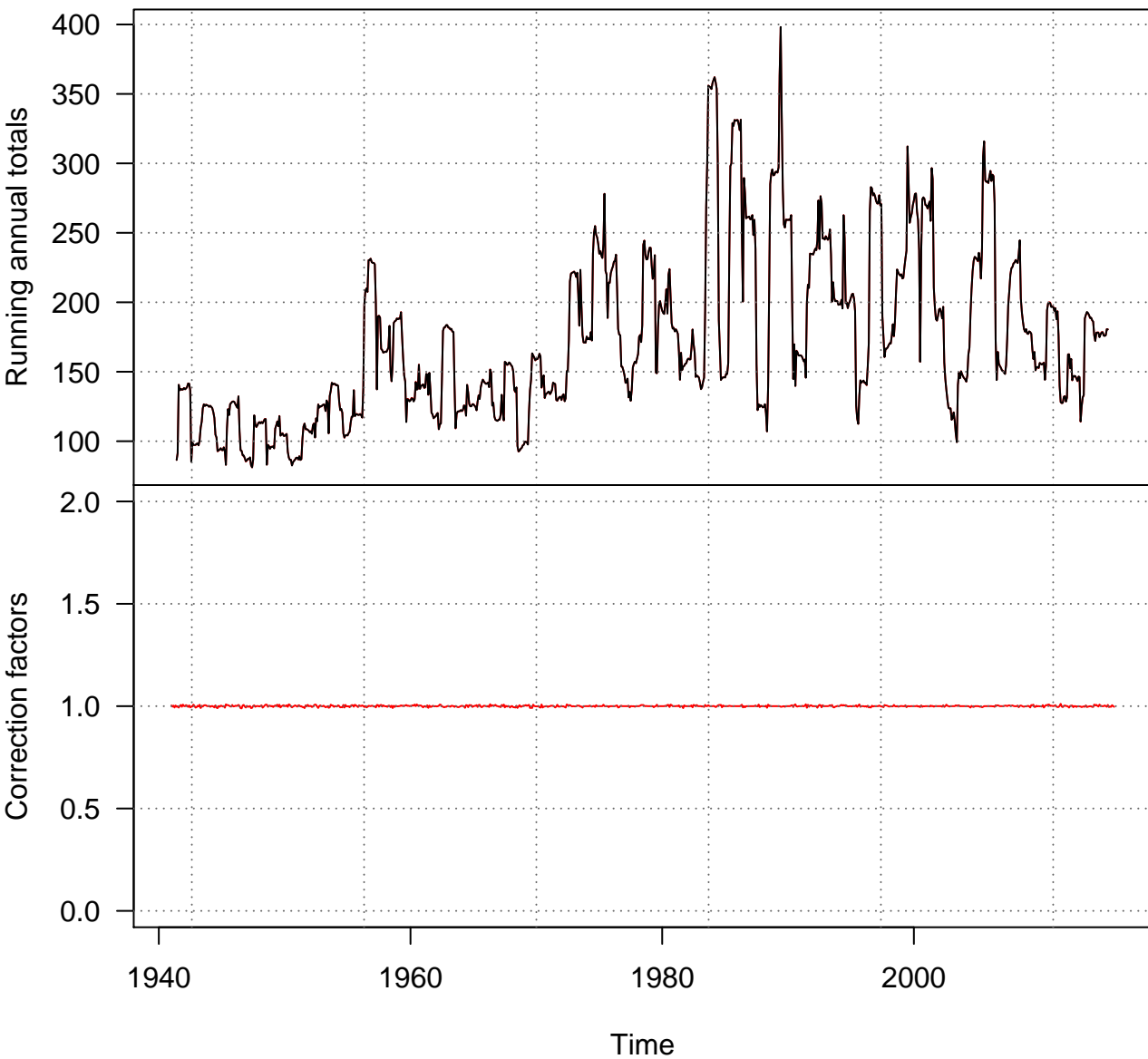
Prcp-3 16 (S154)
Corral Quemado_Corral Quemado



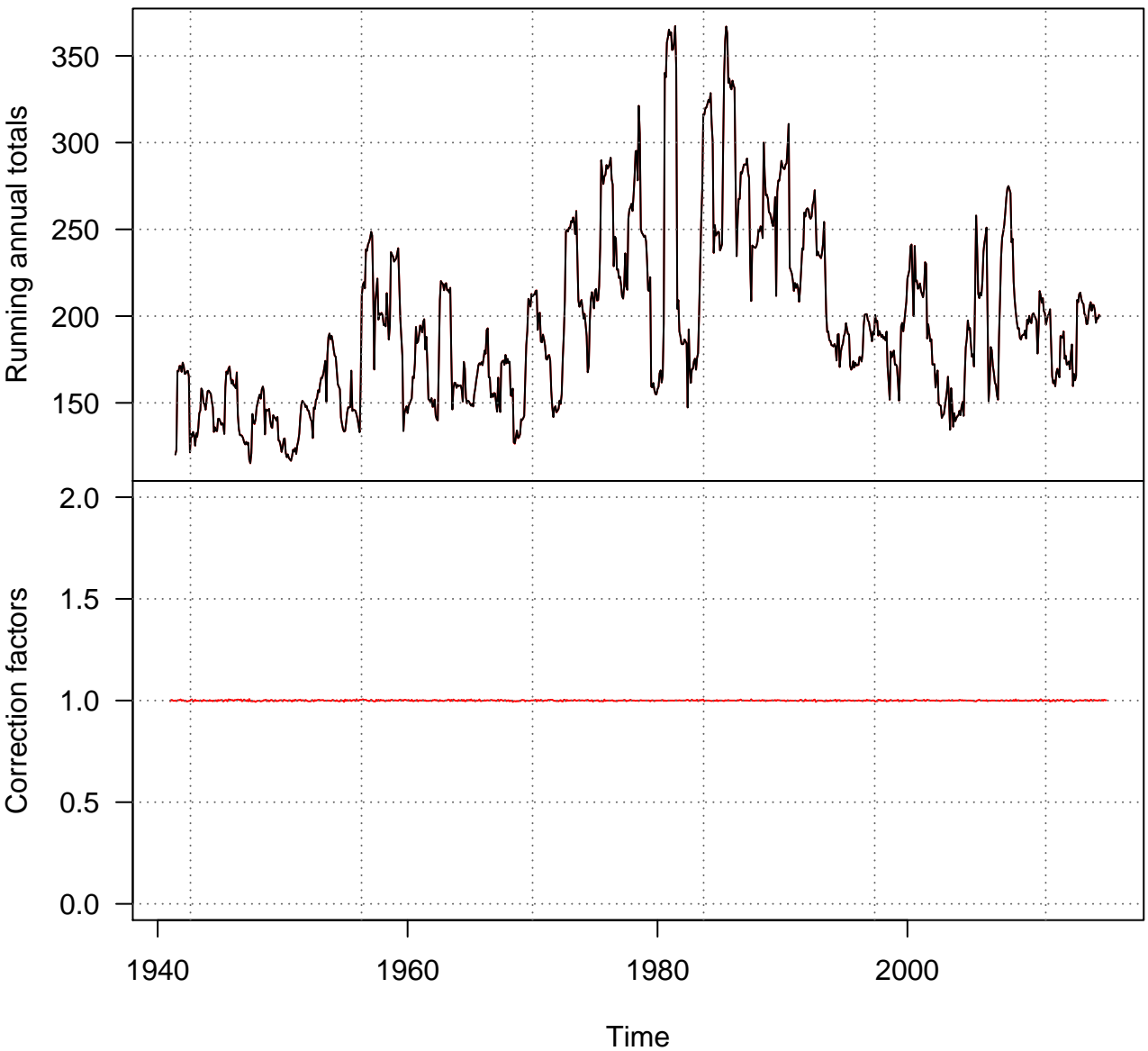
Prcp-3 17 (S155)
Culampaja_Culampaja



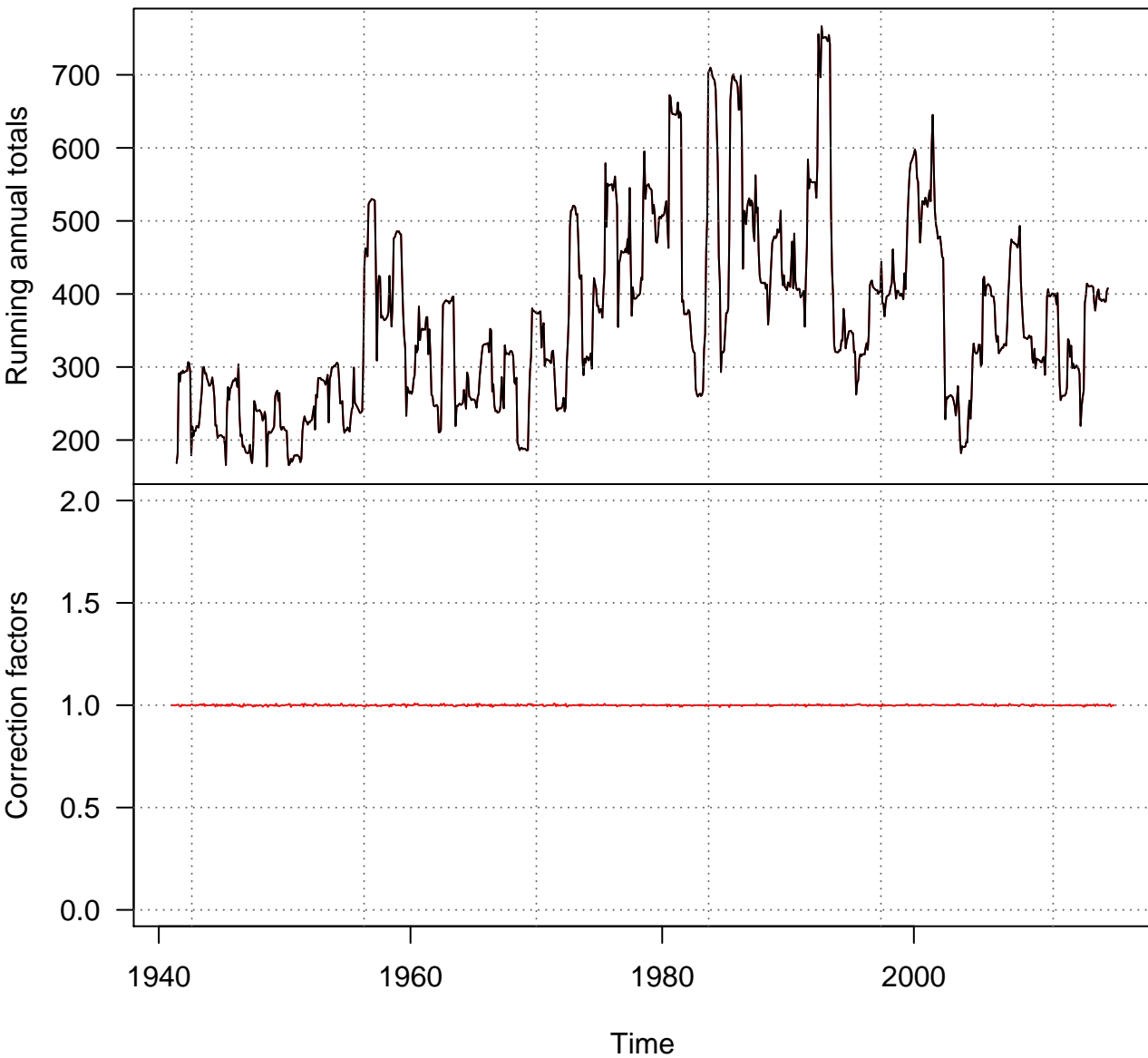
Prcp-3 18 (S156)
Jacipunco_Jacipunco



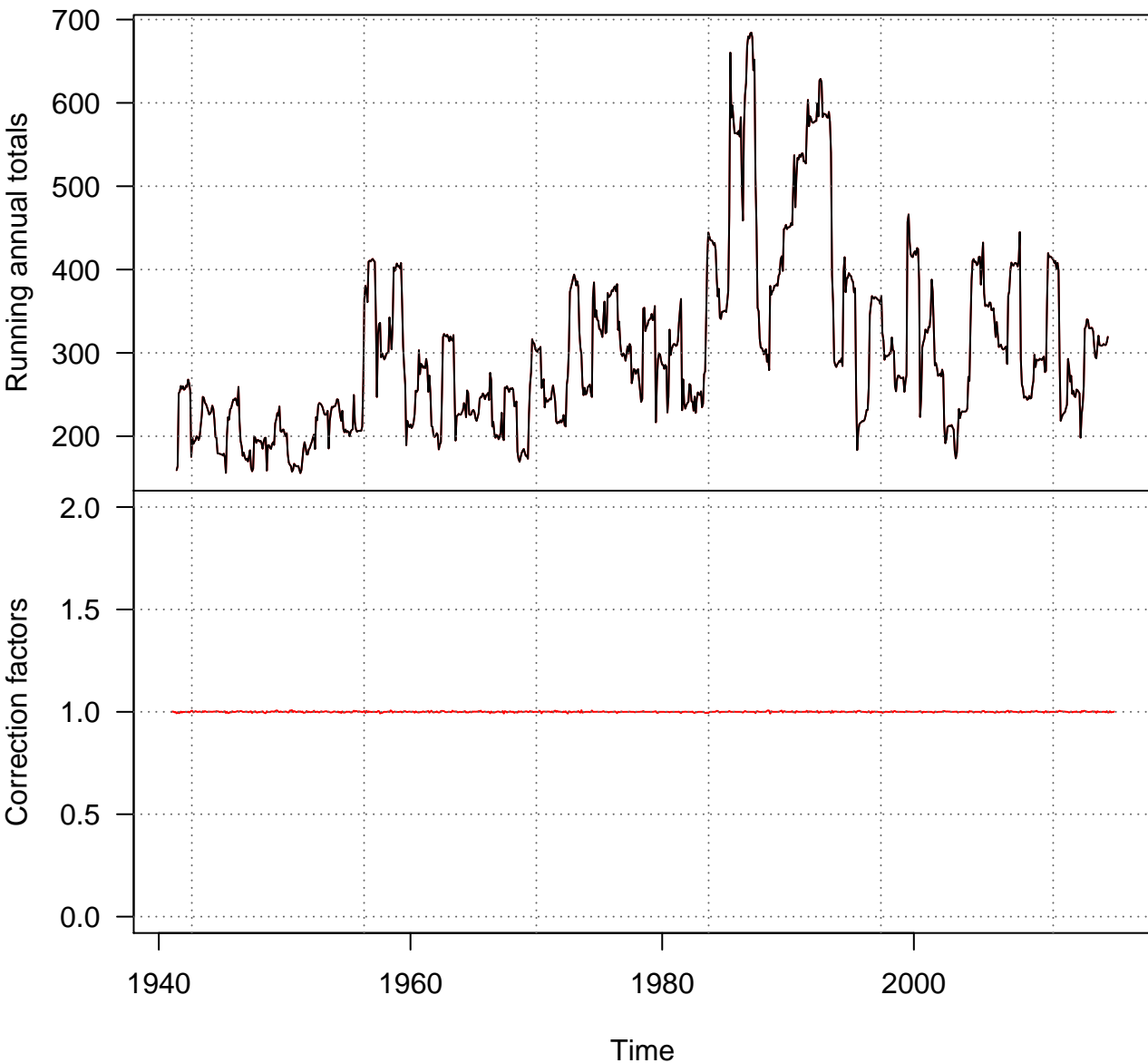
Prcp-3 19 (S157)
La Cienaga_La Cienaga



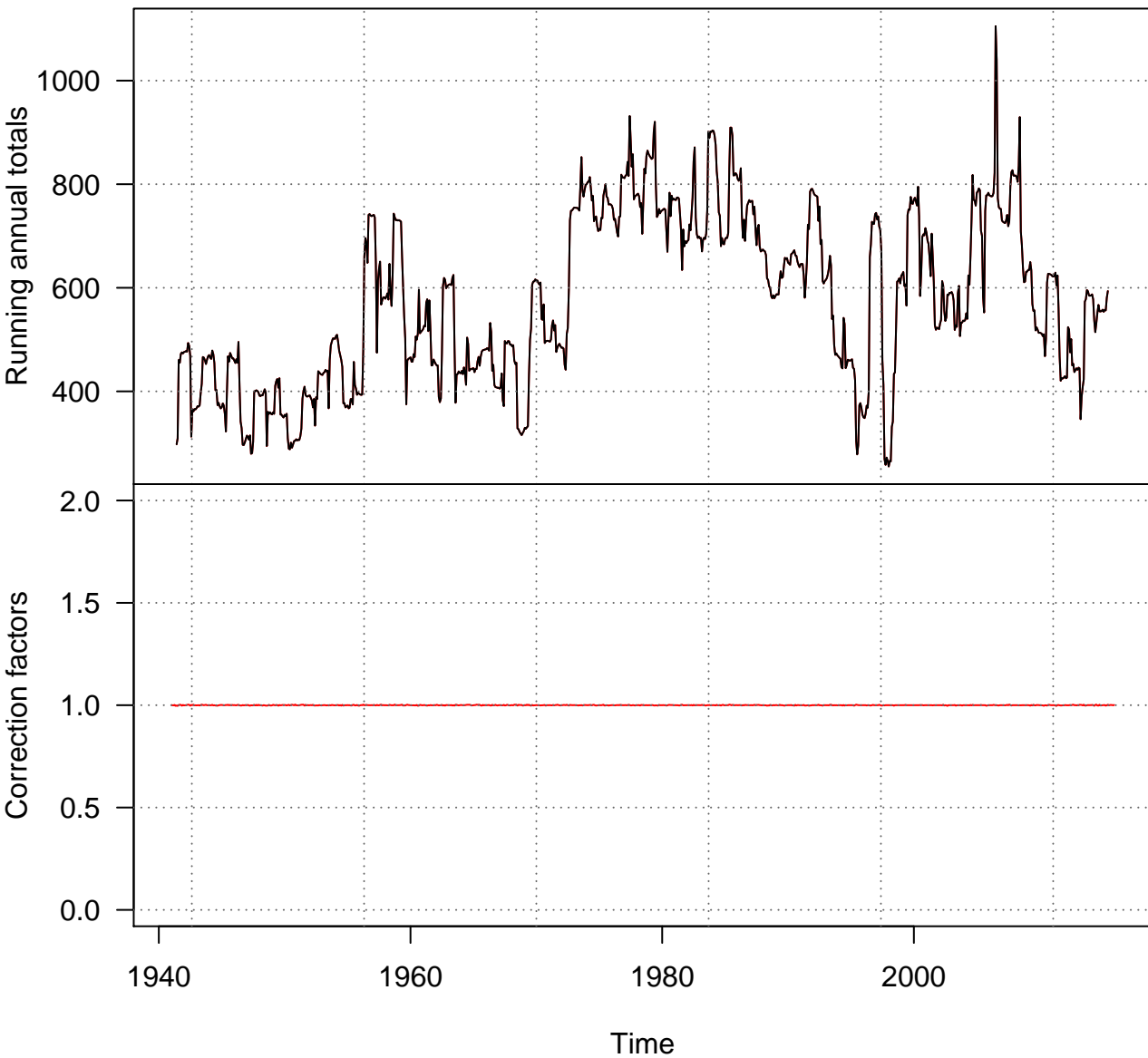
Prcp-3 20 (S158)
La Toma_La Toma



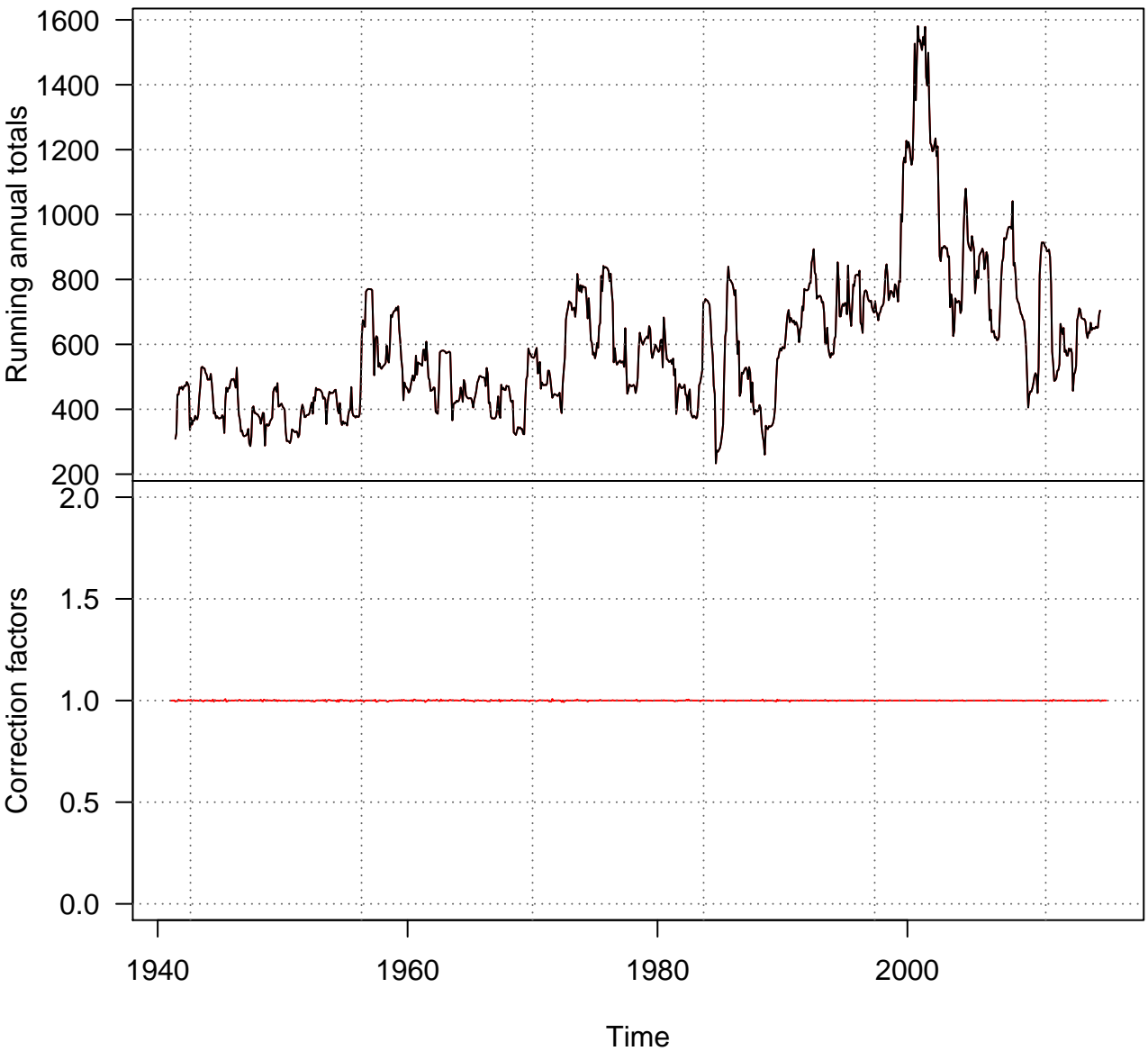
Prcp-3 21 (S159)
Los Nacimientos_Los Nacimientos



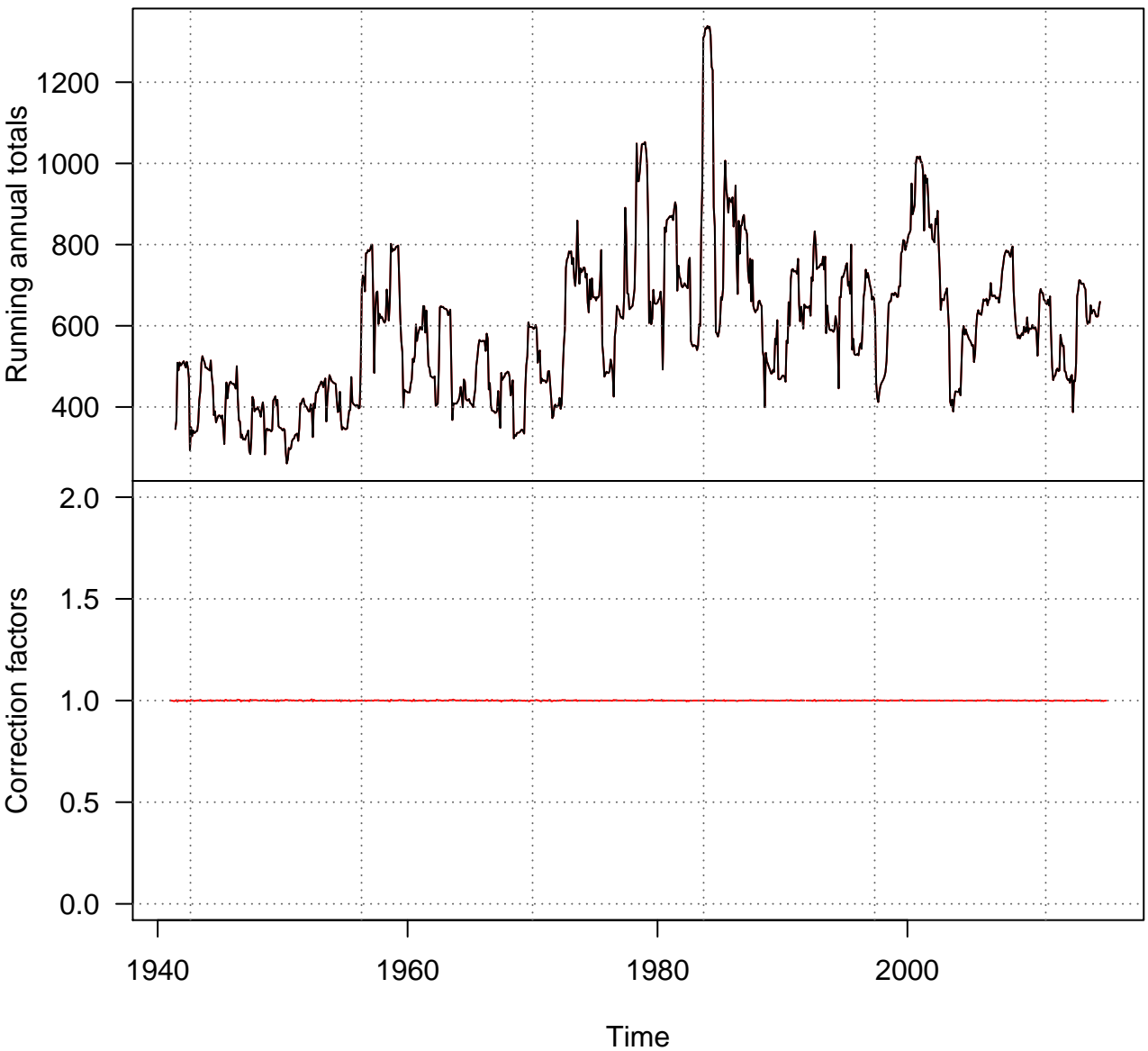
Prcp-3 22 (S160)
Papa Chacra_Papa Chacra



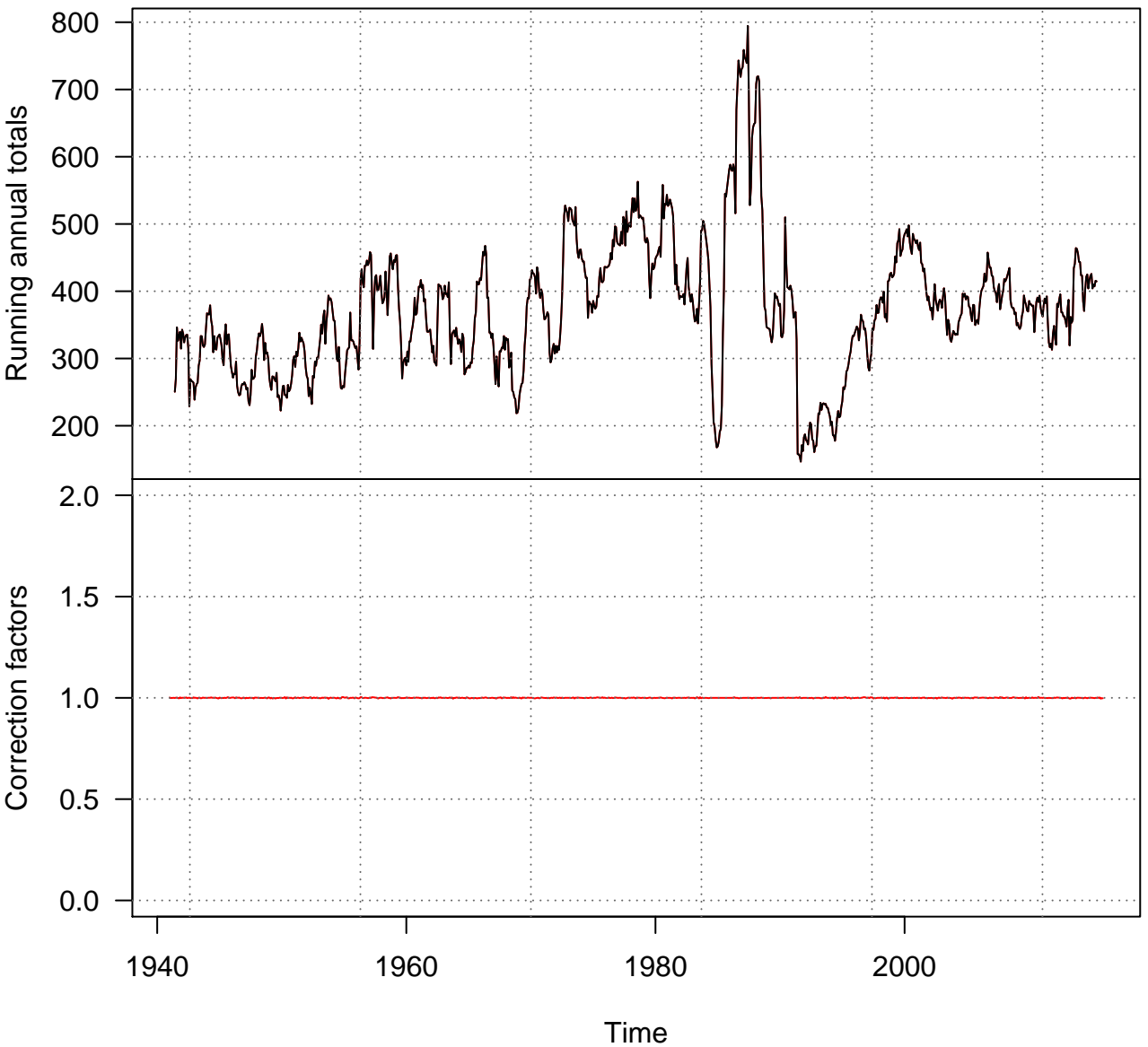
Prcp-3 23 (S161)
Pozo de Piedra_Pozo de Piedra



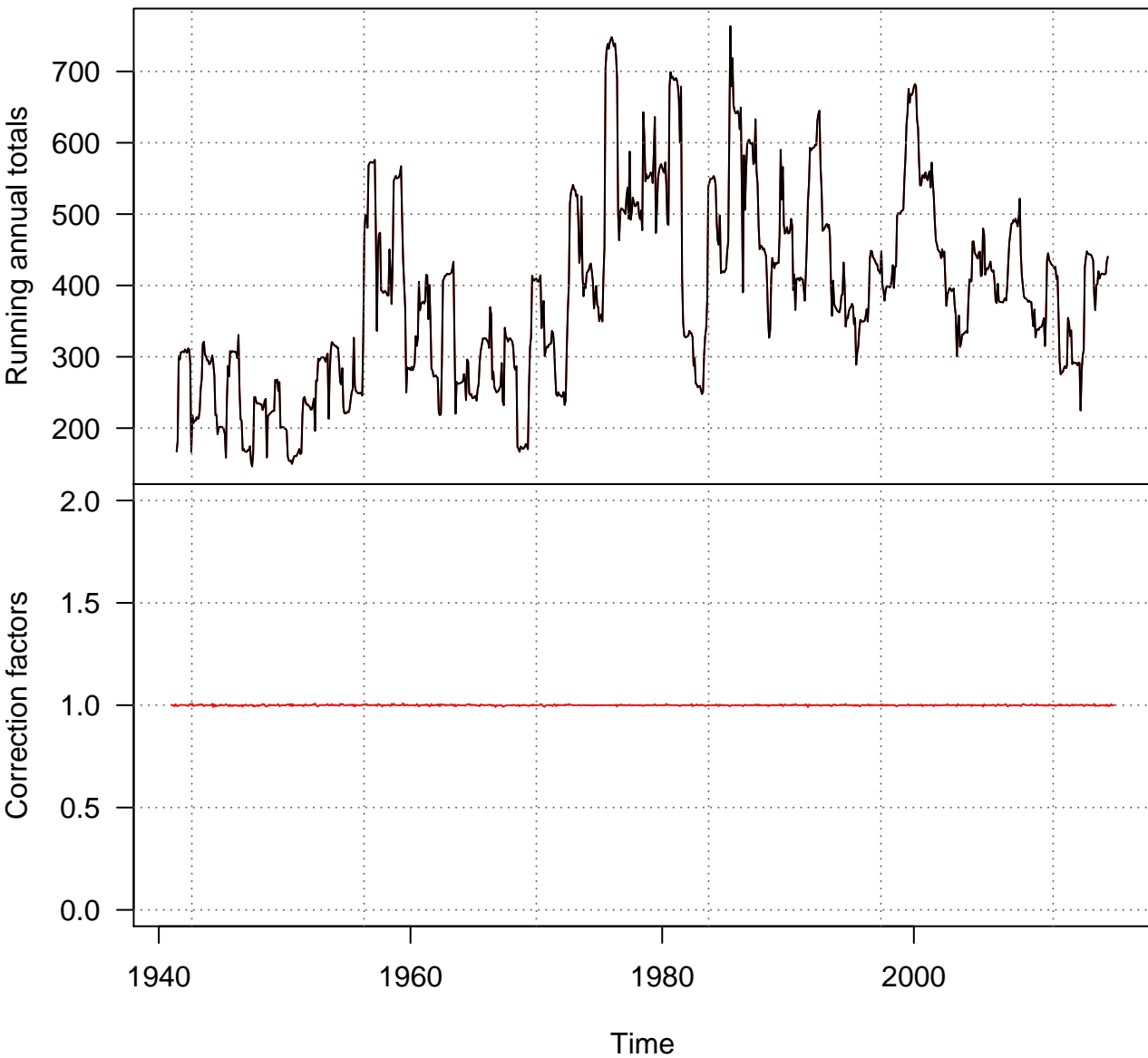
Prcp-3 24 (S162)
Quimivil_Quimivil



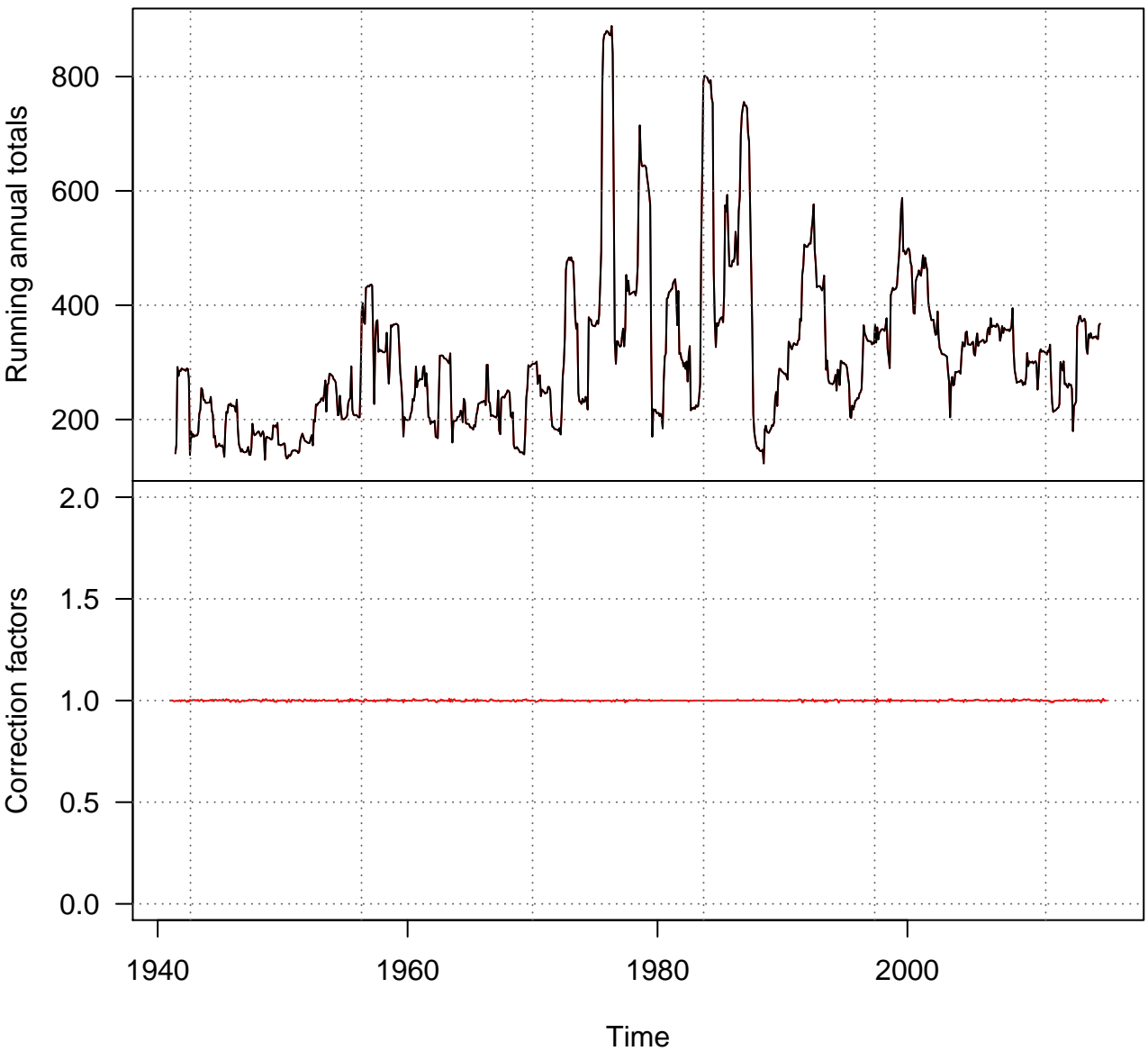
Prcp-3 25 (S163)
Laguna Blanca_Laguna Blanca



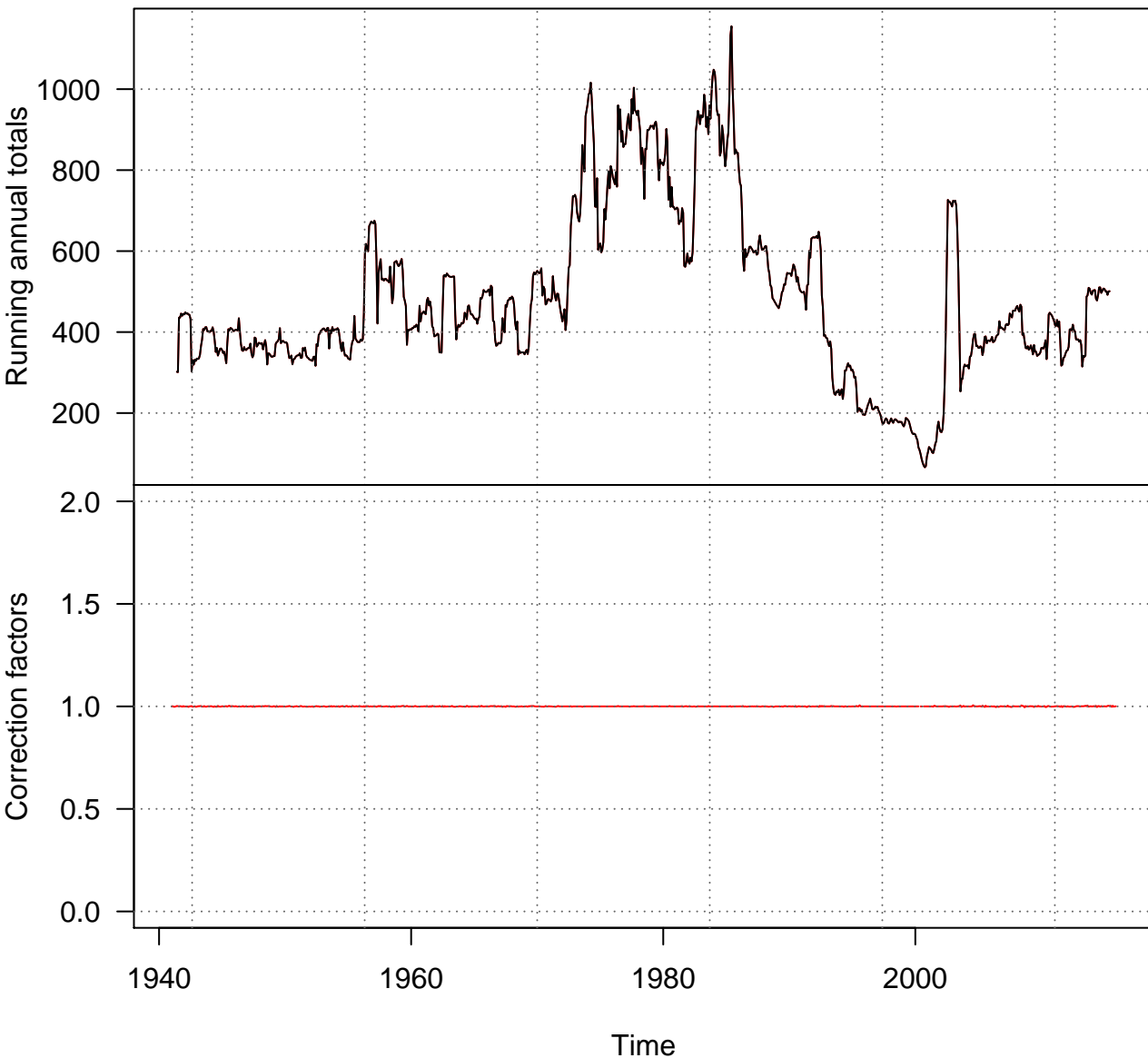
Prcp-3 26 (S164)
Las Barrancas_Las Barrancas



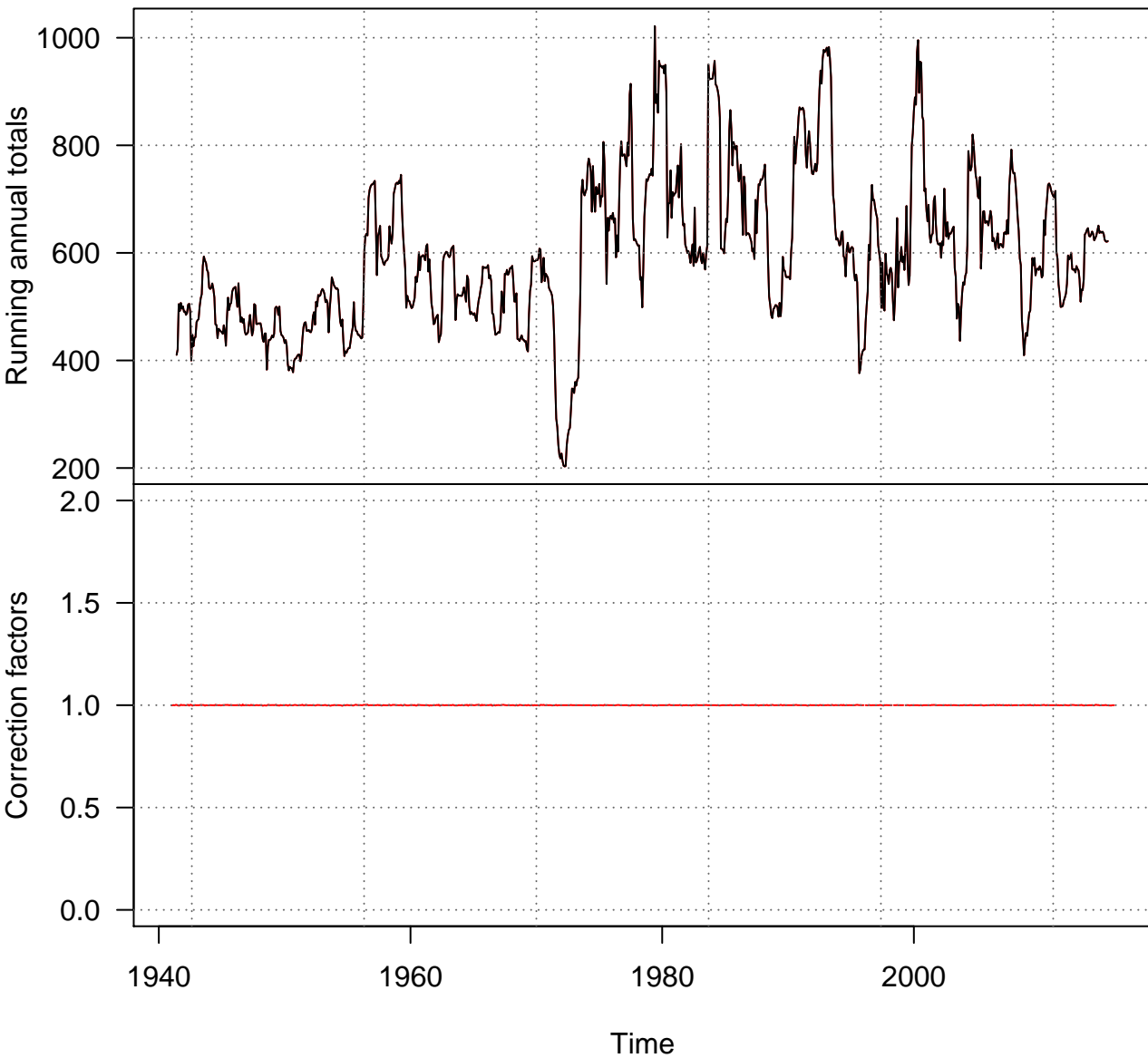
Prcp-3 27 (S165)
Villa Vil_Villa Vil



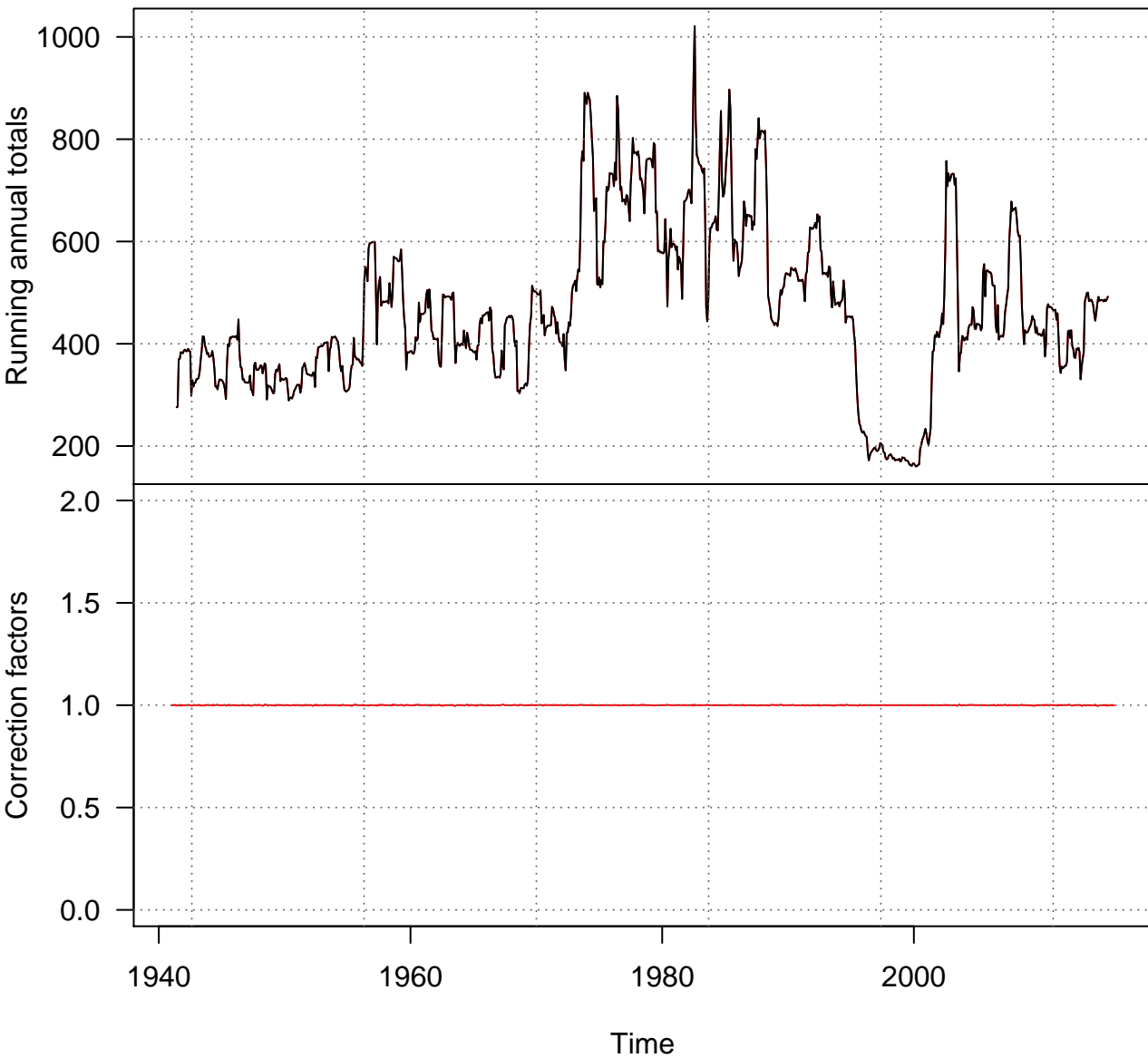
Prcp-3 28 (S169)
La Mesada_La Mesada



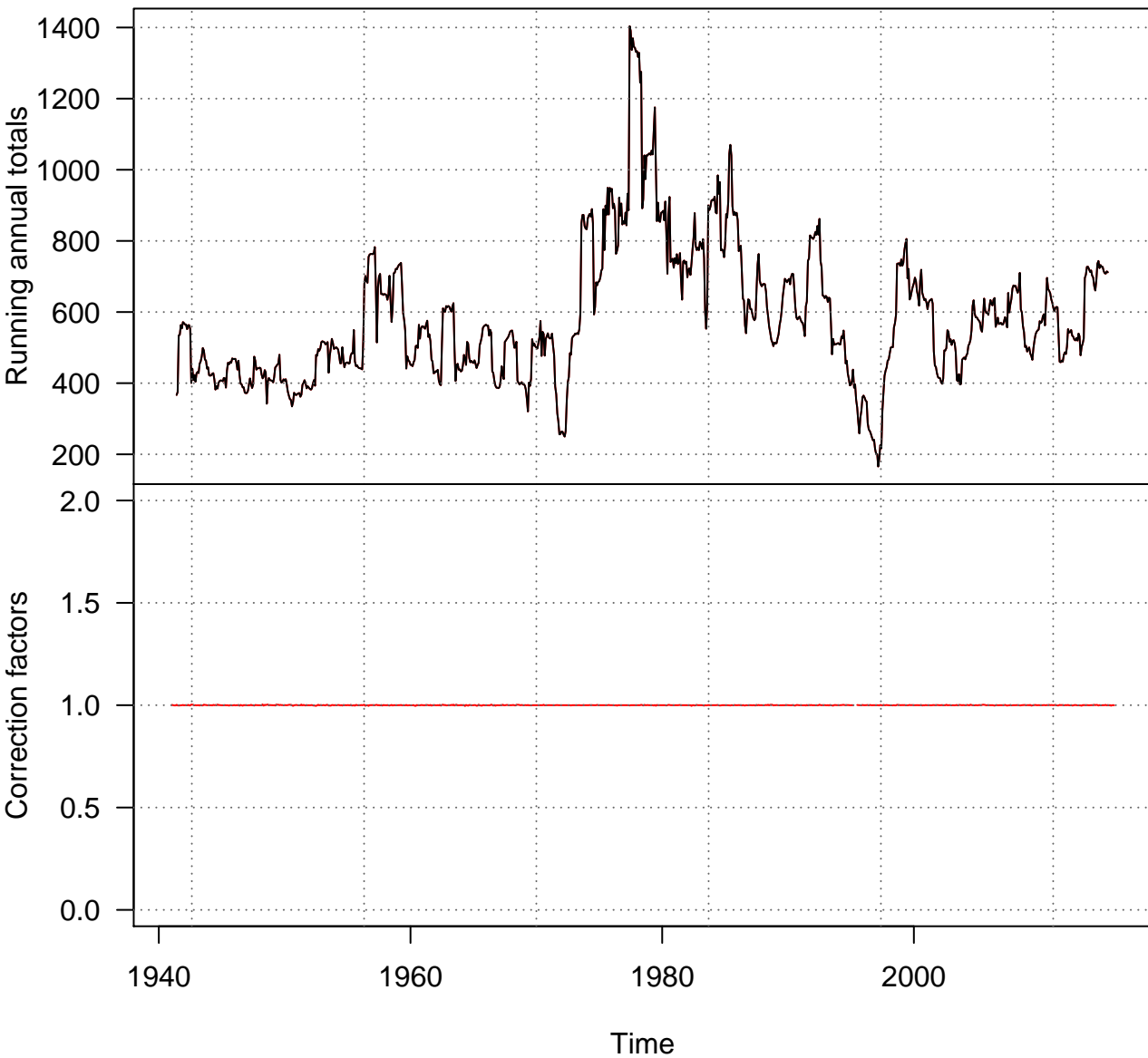
Prcp-3 29 (S170)
Las Palmas_Las Palmas



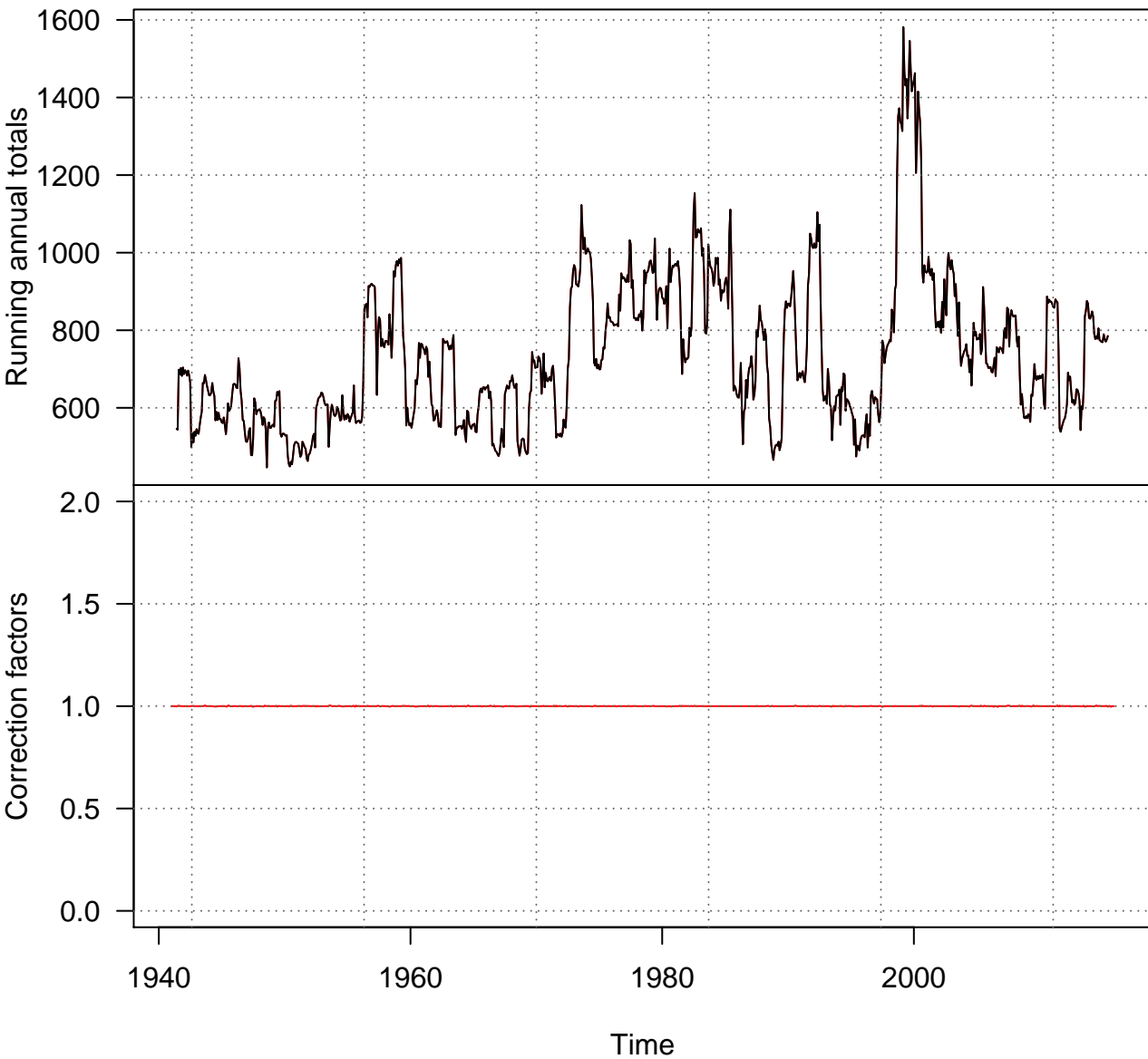
Prcp-3 30 (S172)
Los Nacimientos_Los Nacimientos2



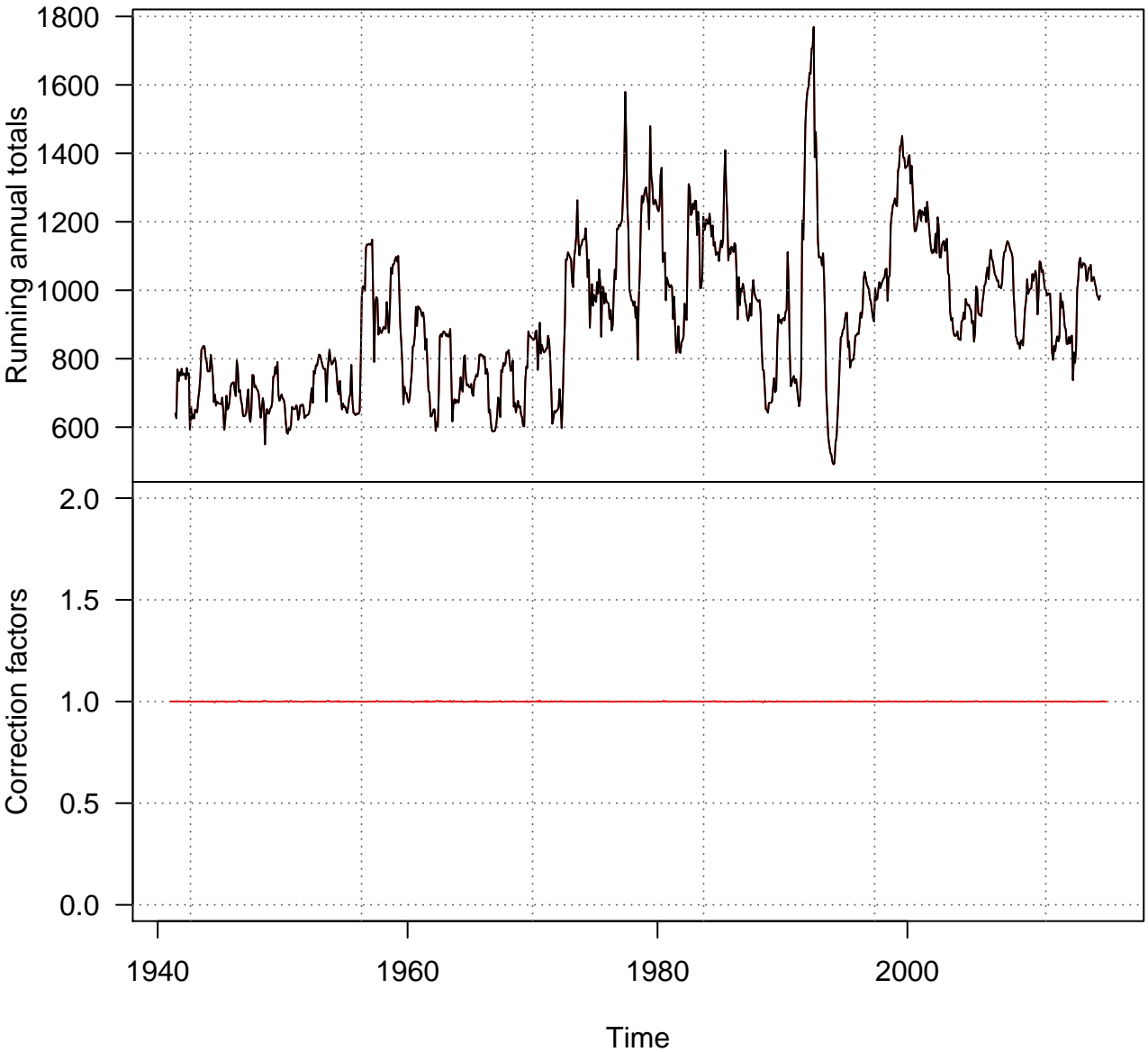
Prcp-3 31 (S175)
Trampasacha_Trampasacha



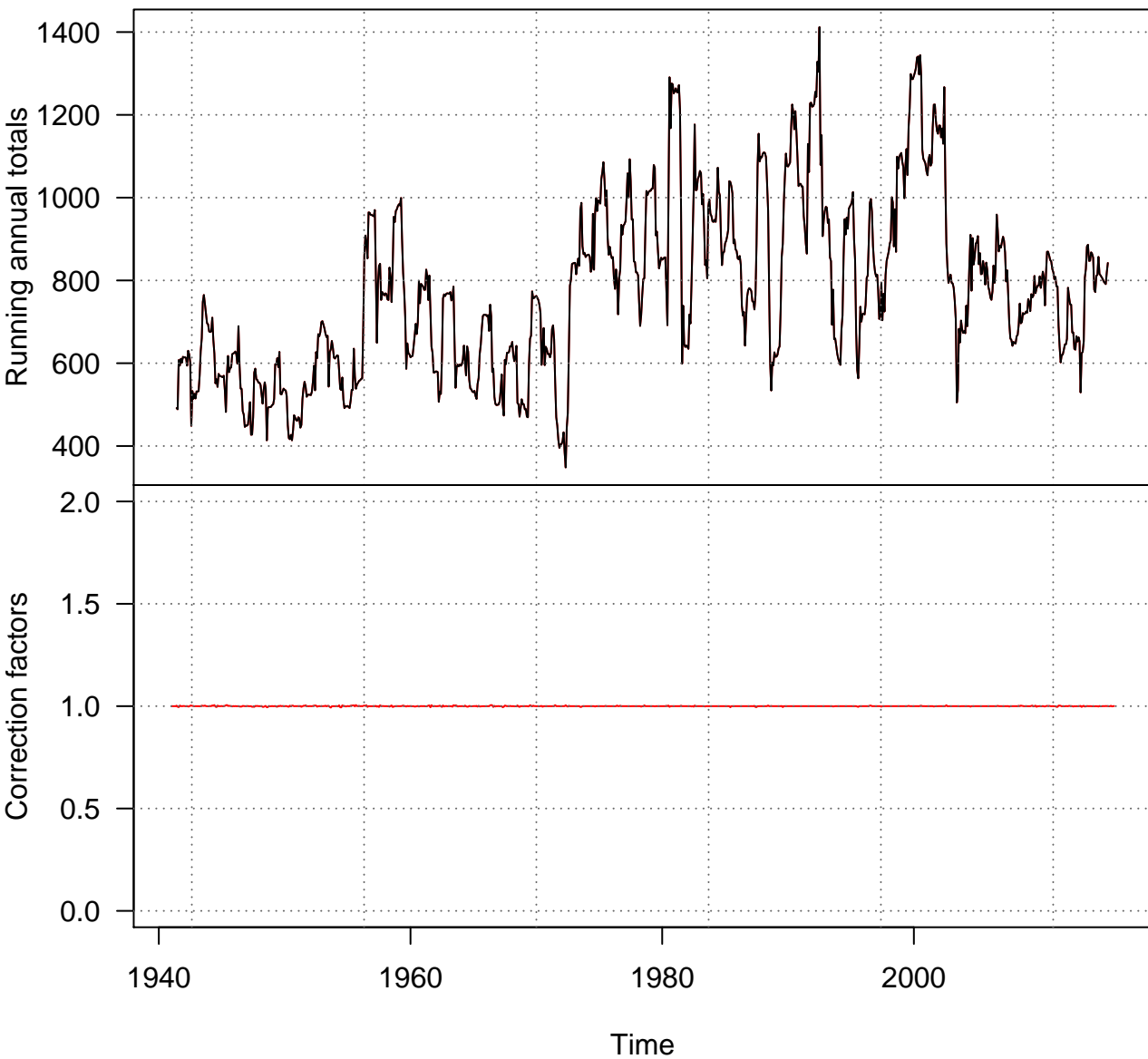
Prcp-3 32 (S186)
El Rosario_El Rosario



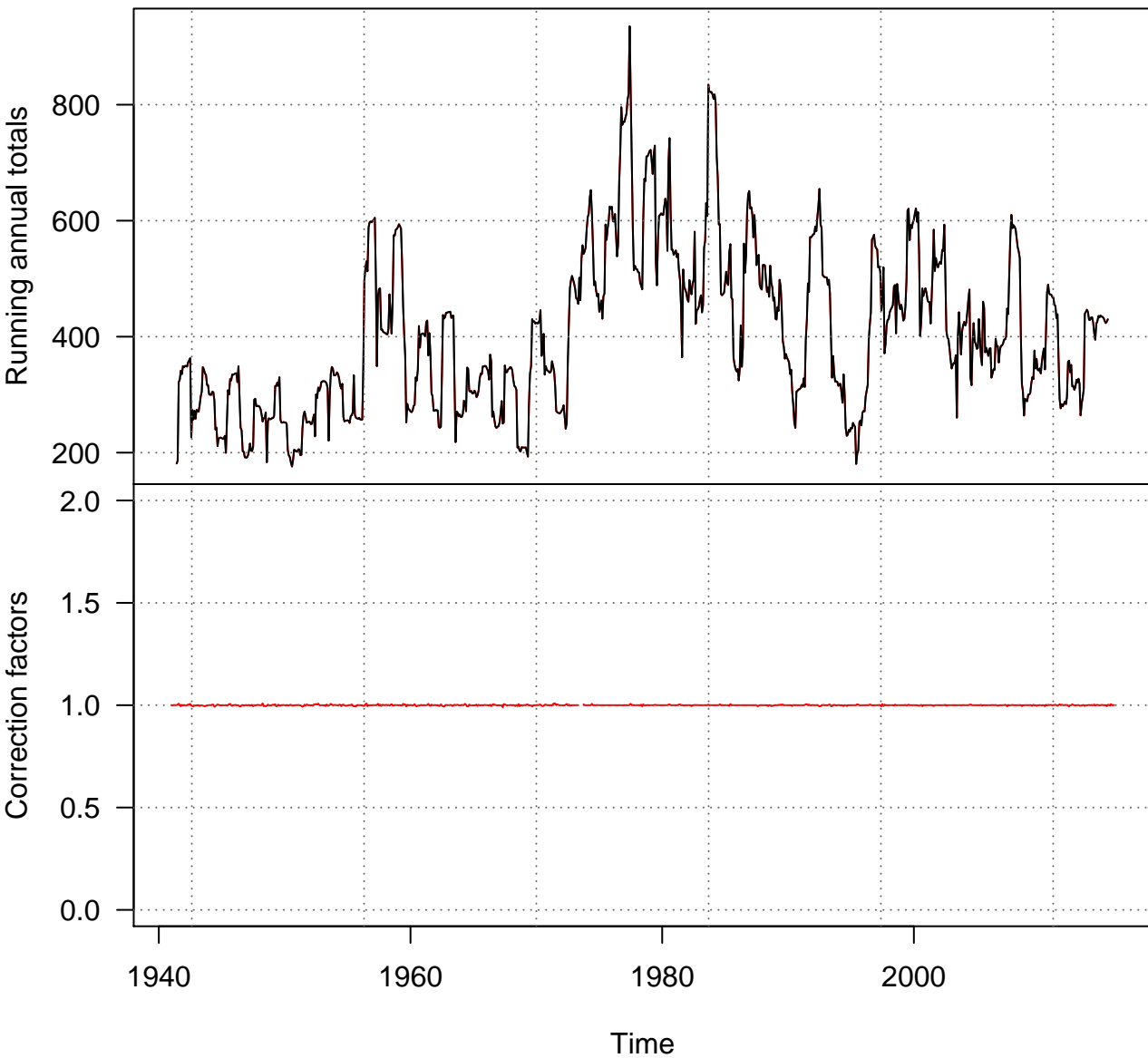
Prcp-3 33 (S202)
La Aguadita_La Aguadita



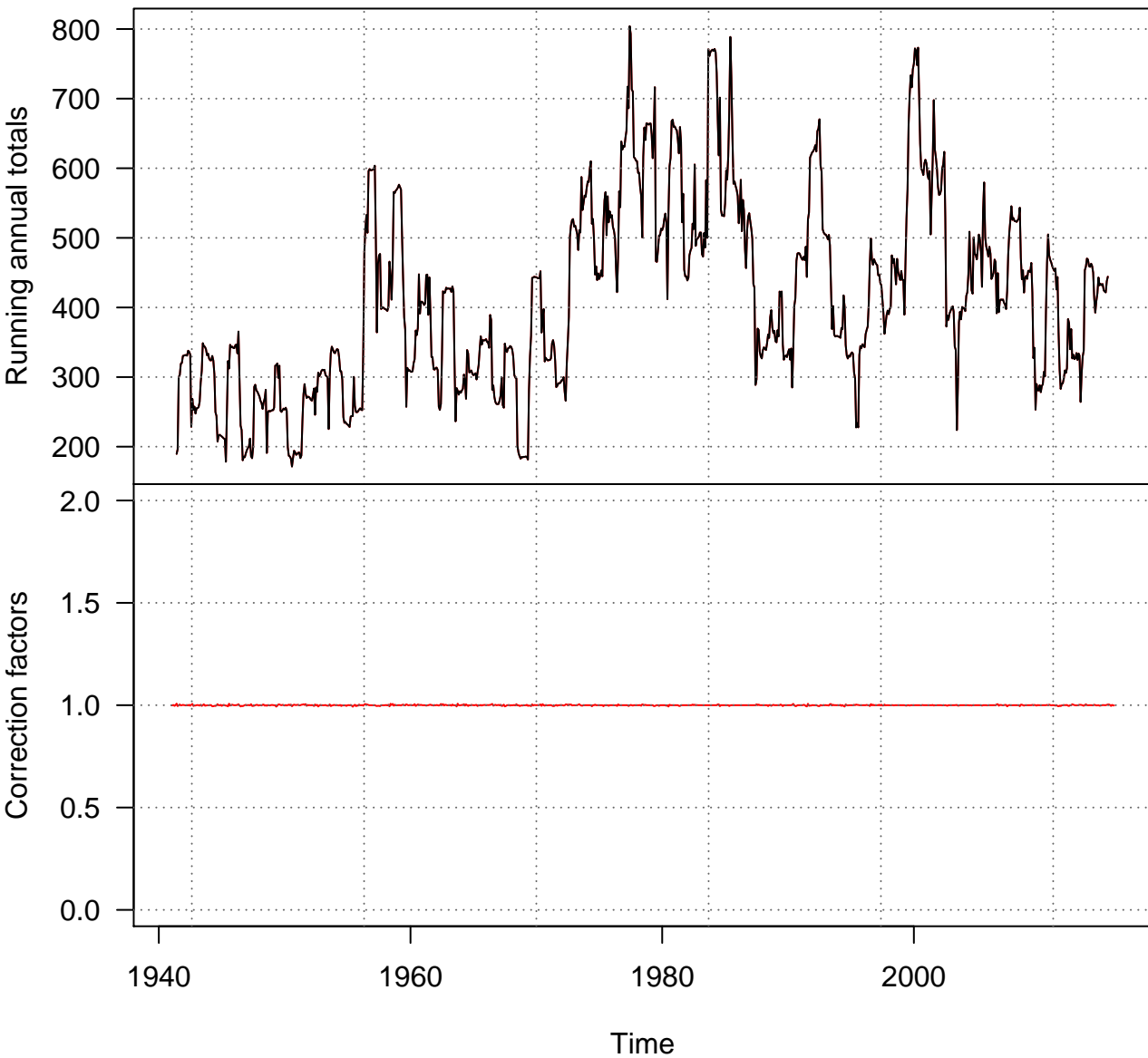
Prcp-3 34 (S222)
Balcozna_Balcozna



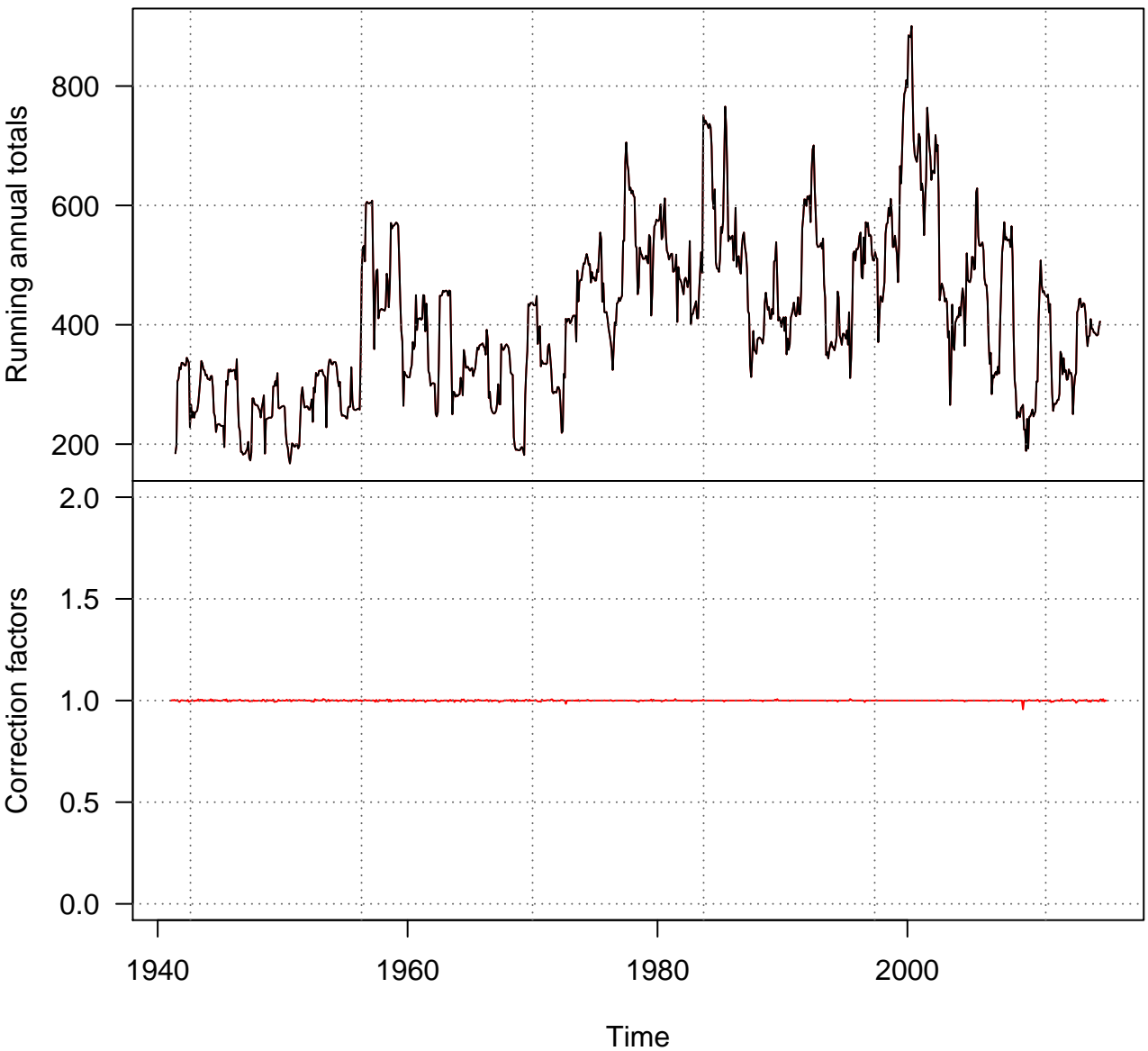
Prcp-3 35 (S231)
Joyango_Joyango



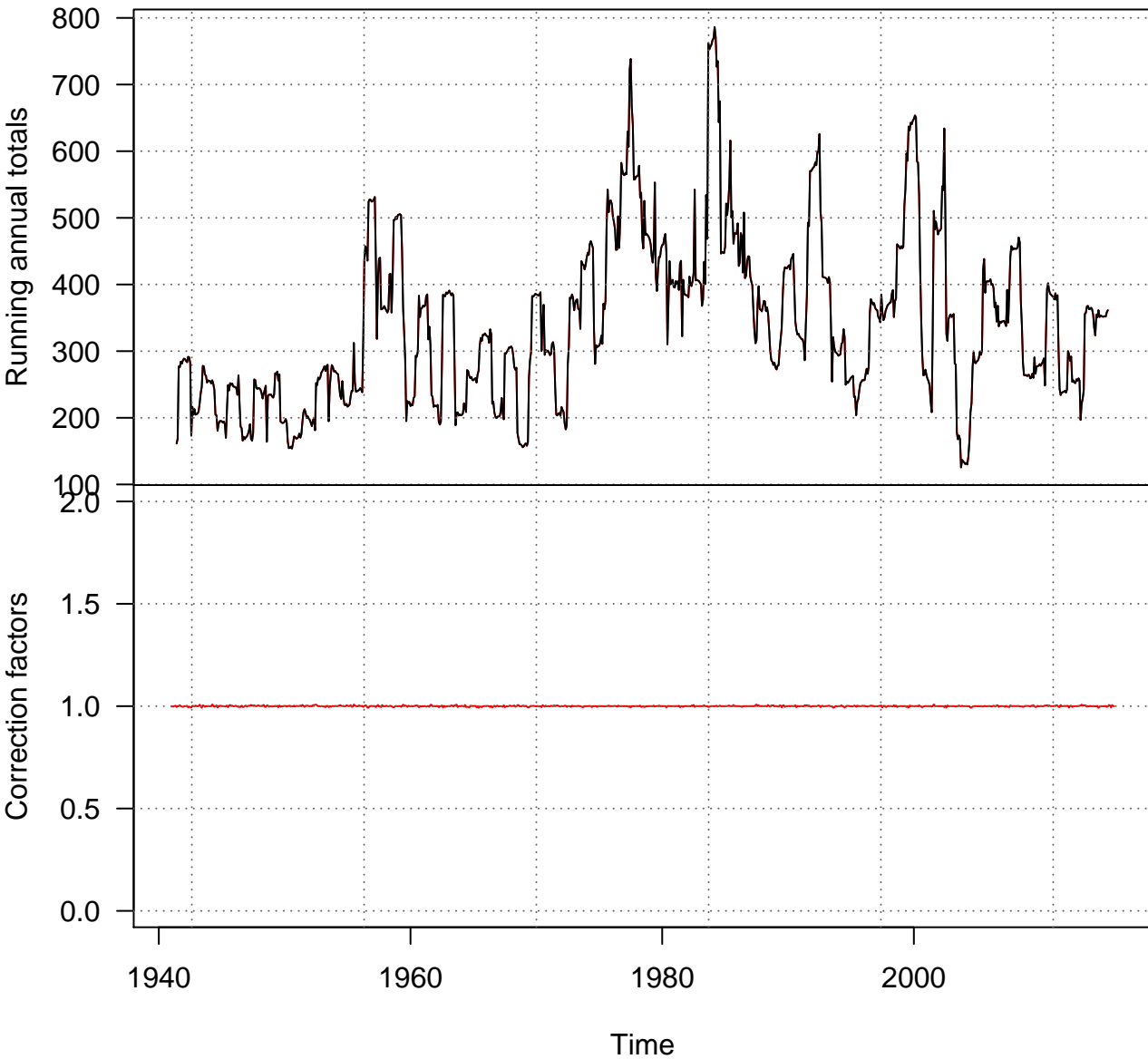
Prcp-3 36 (S232)
Michango_Michango



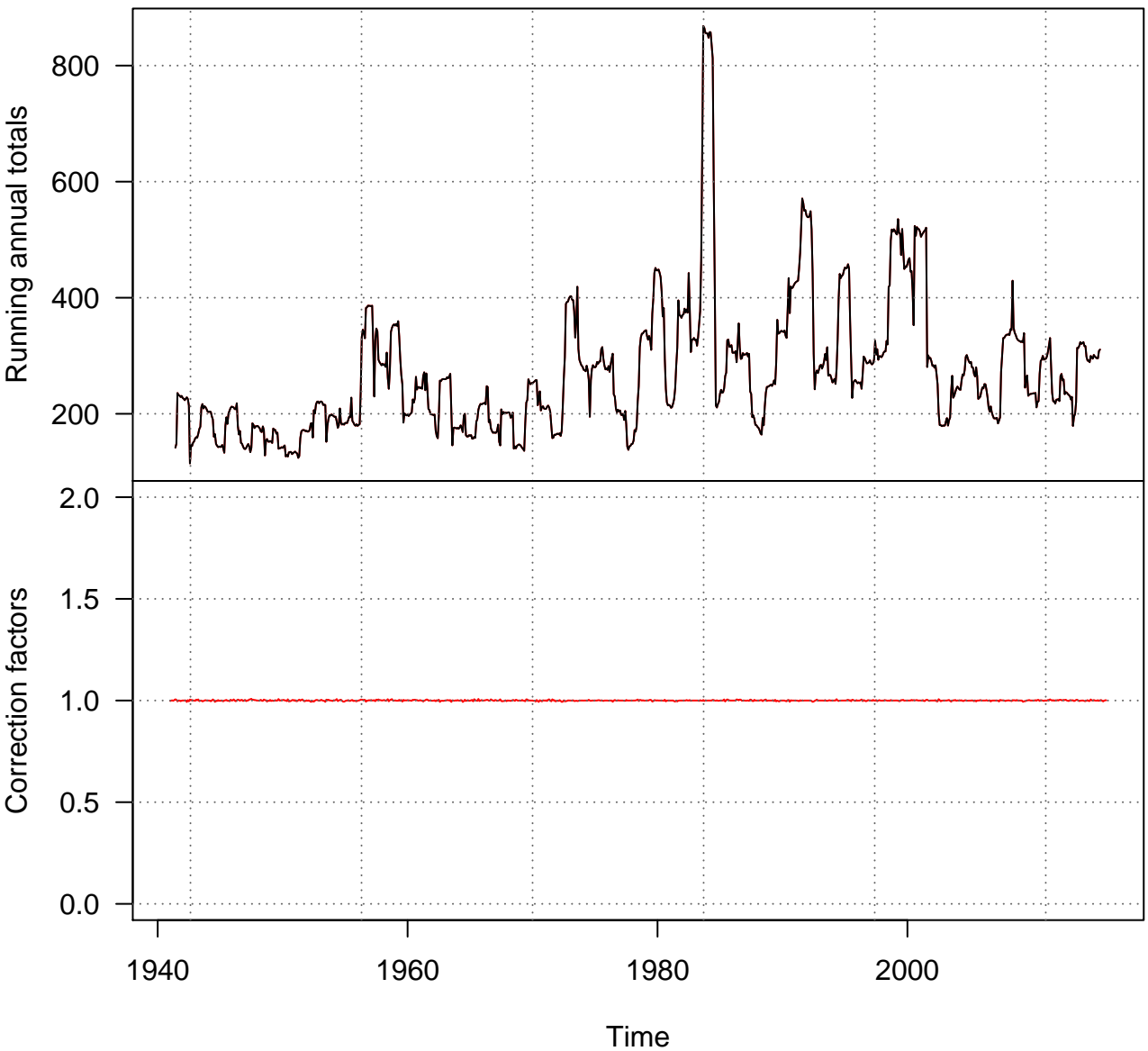
Prcp-3 37 (S233)
Mitquin_Mitquin



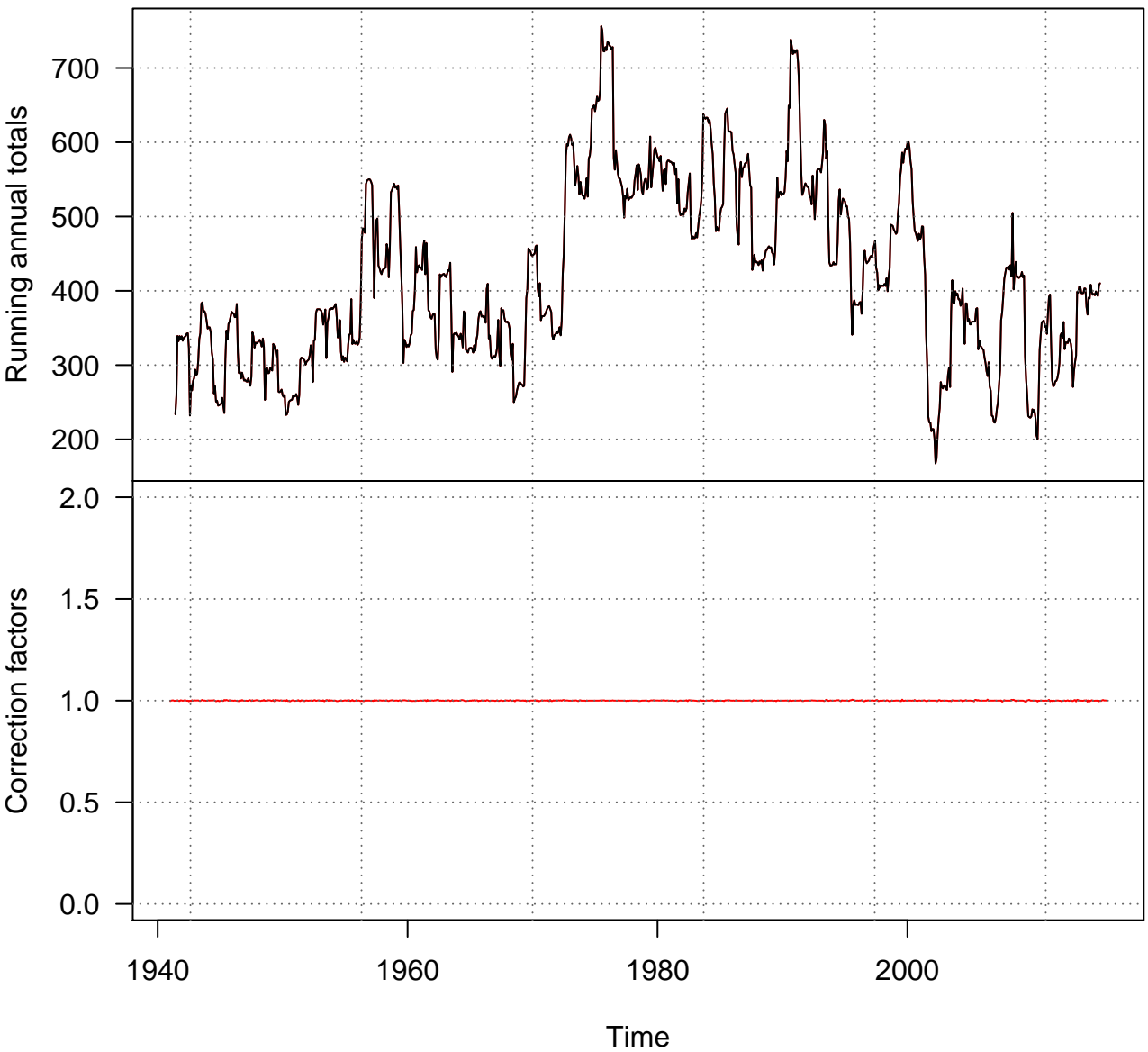
Prcp-3 38 (S234)
Rincon_Rincon



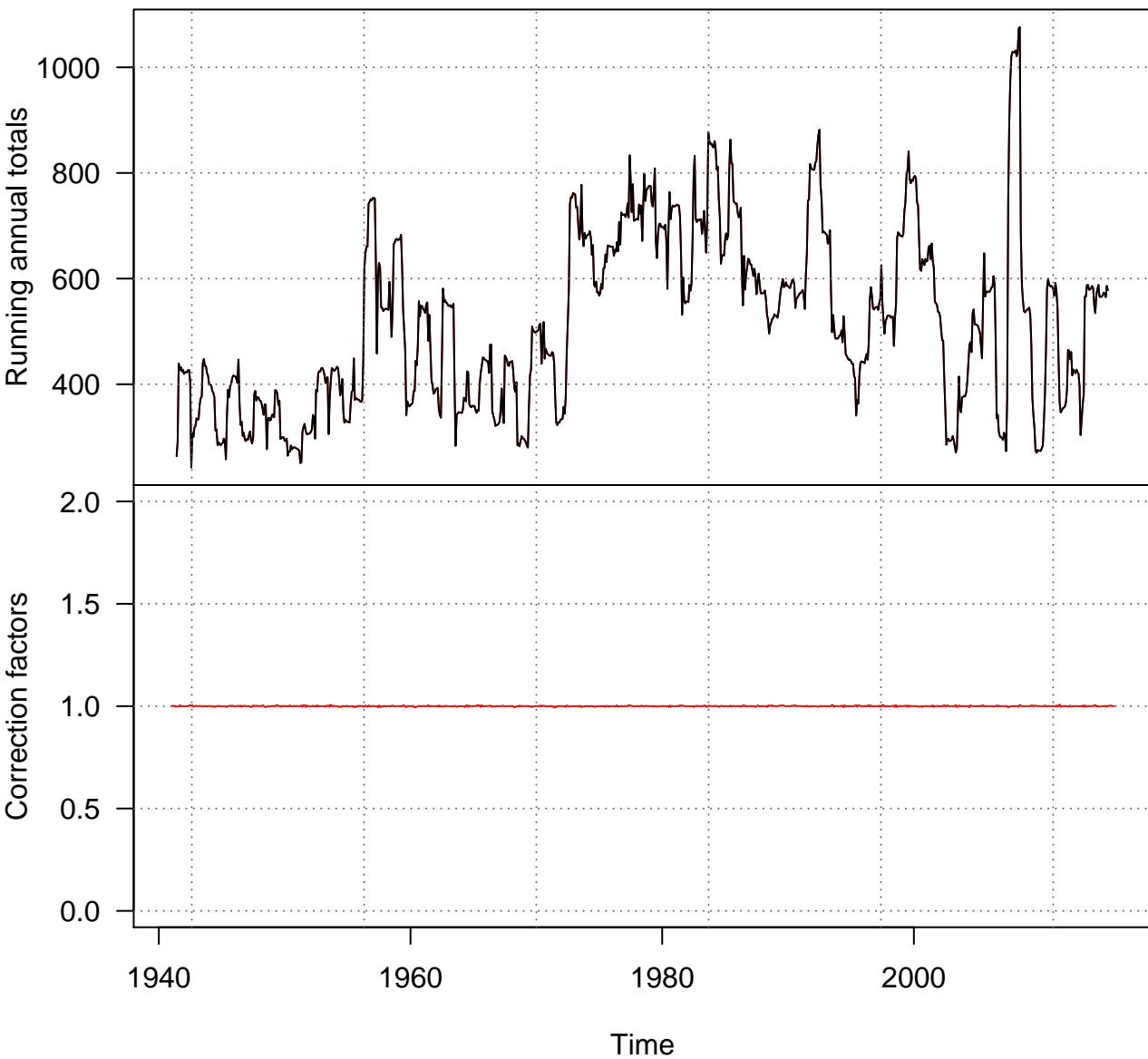
Prcp-3 39 (S235)
Campo de Frayle_Campo de Frayle



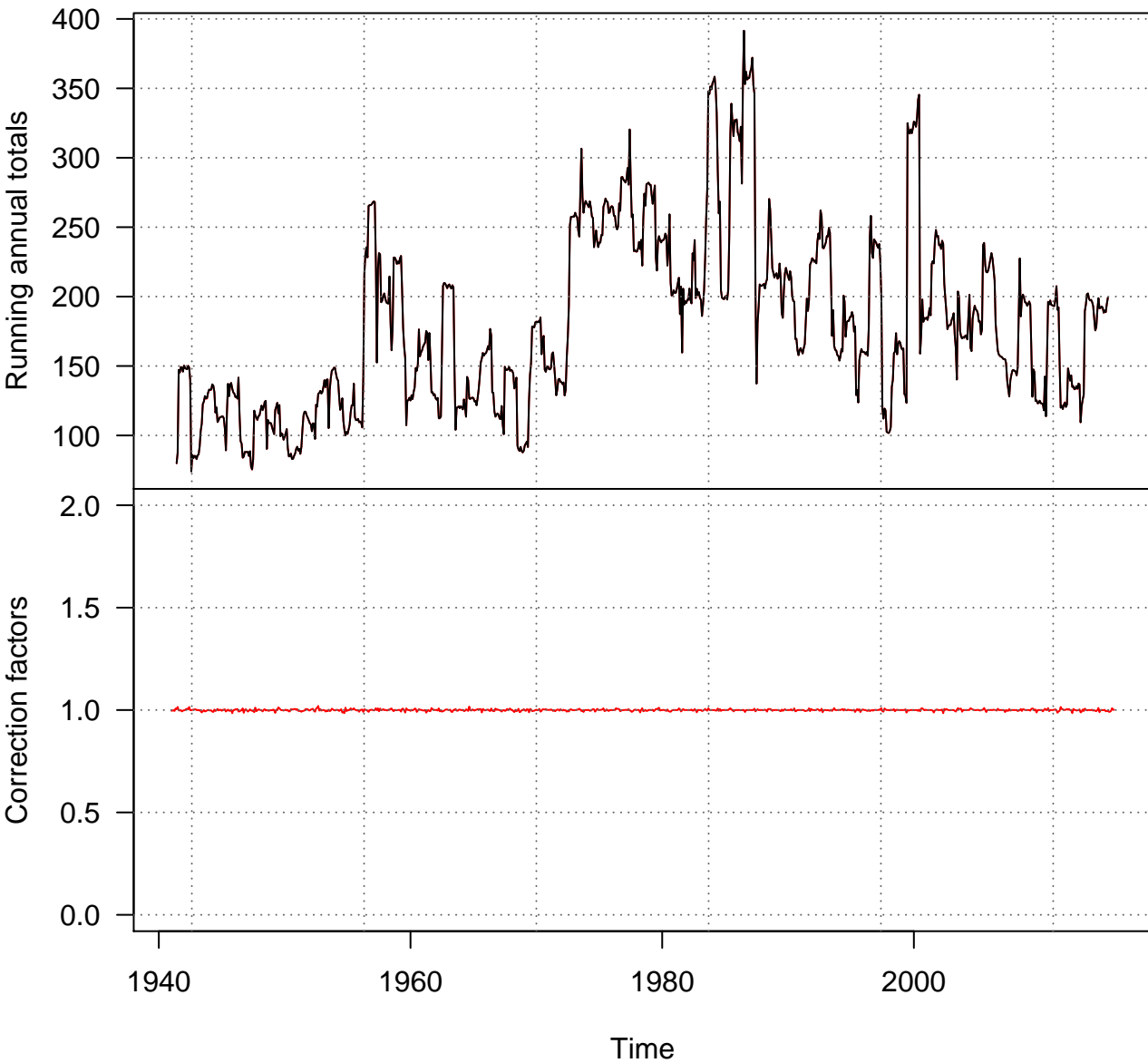
Prcp-3 40 (S236)
El Cajón_El Cajón2



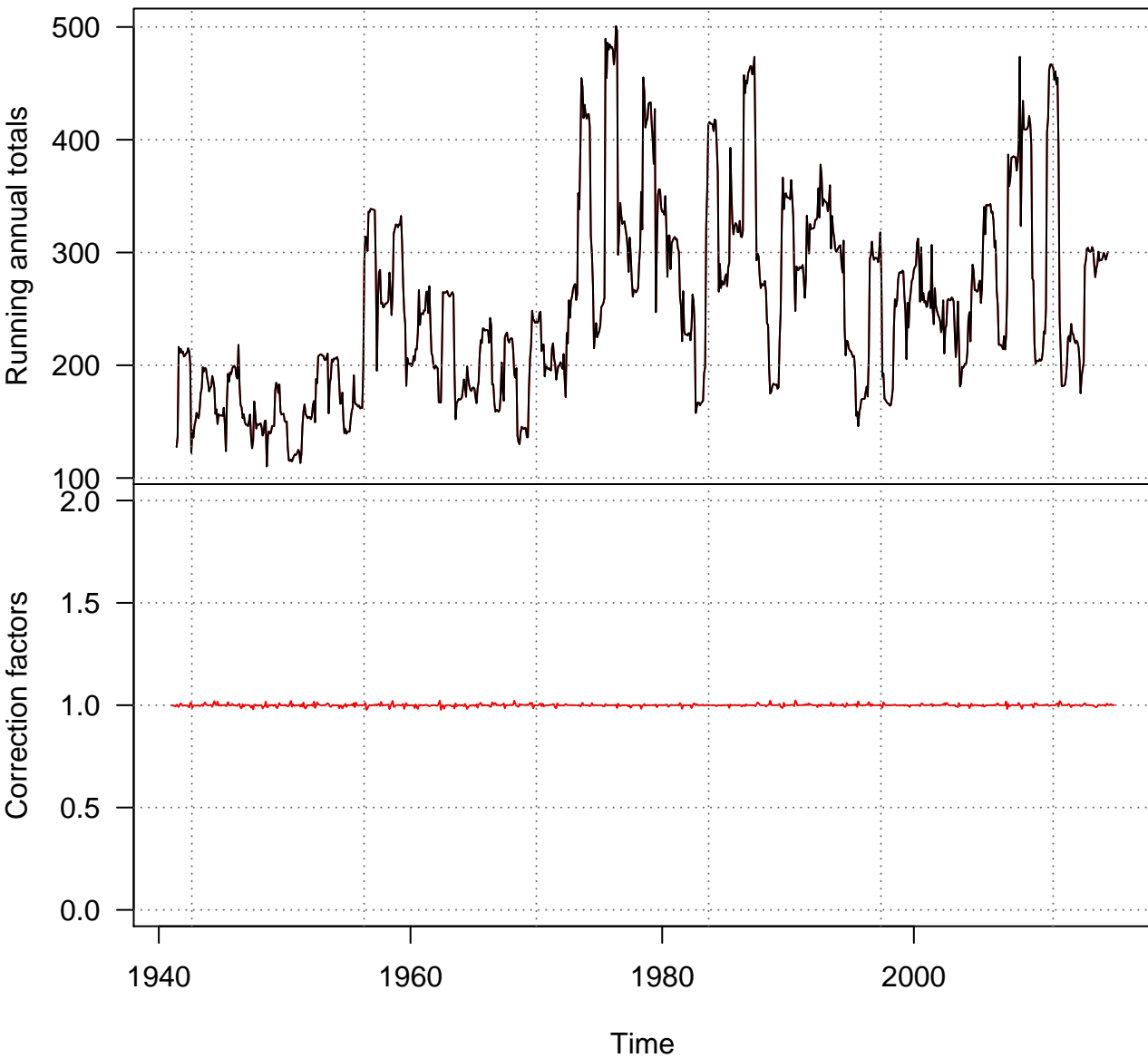
Prcp-3 41 (S237)
La Hoyada_La Hoyada



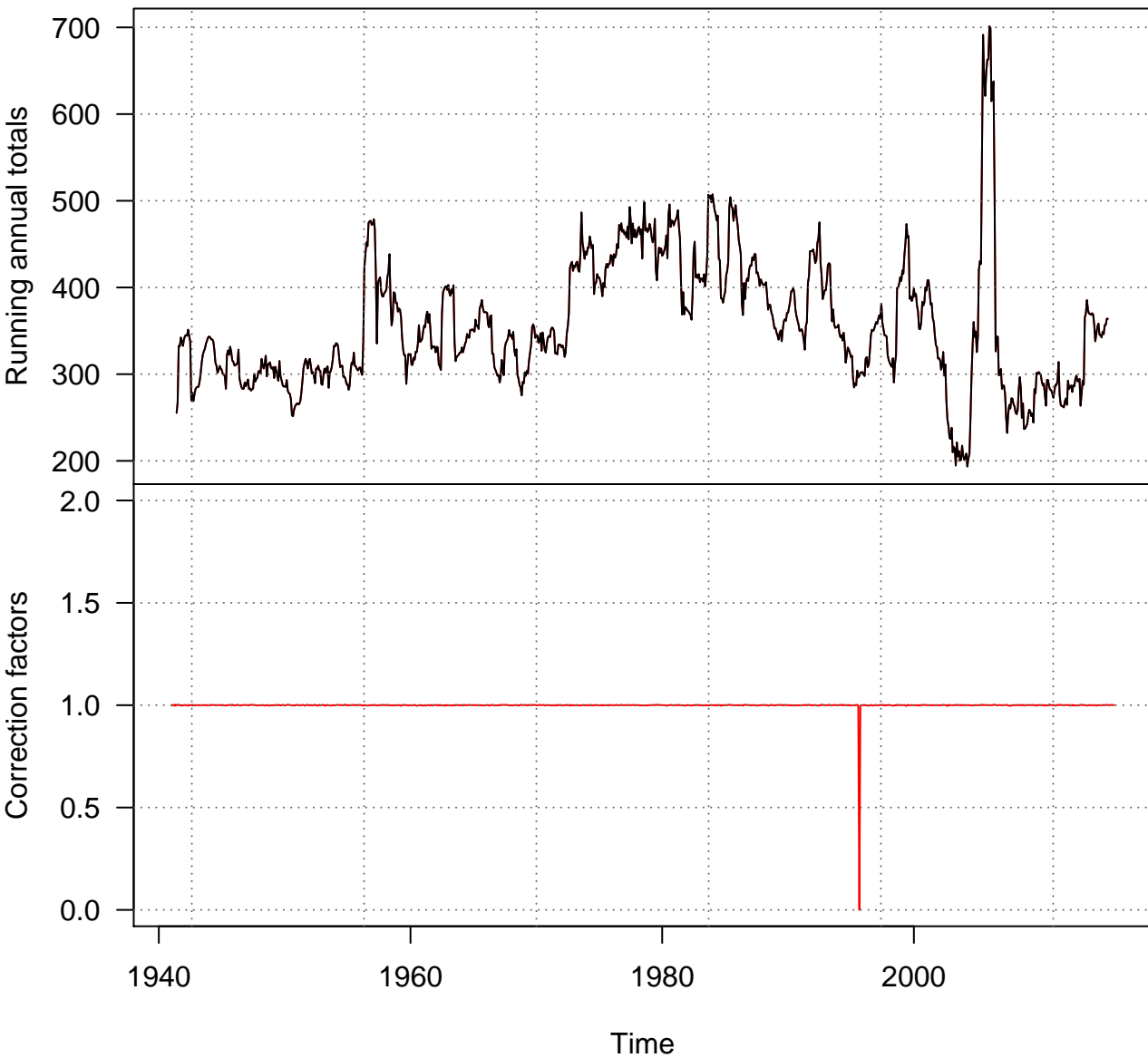
Prcp-3 42 (S238)
Pie del Médano_Pie del Médano



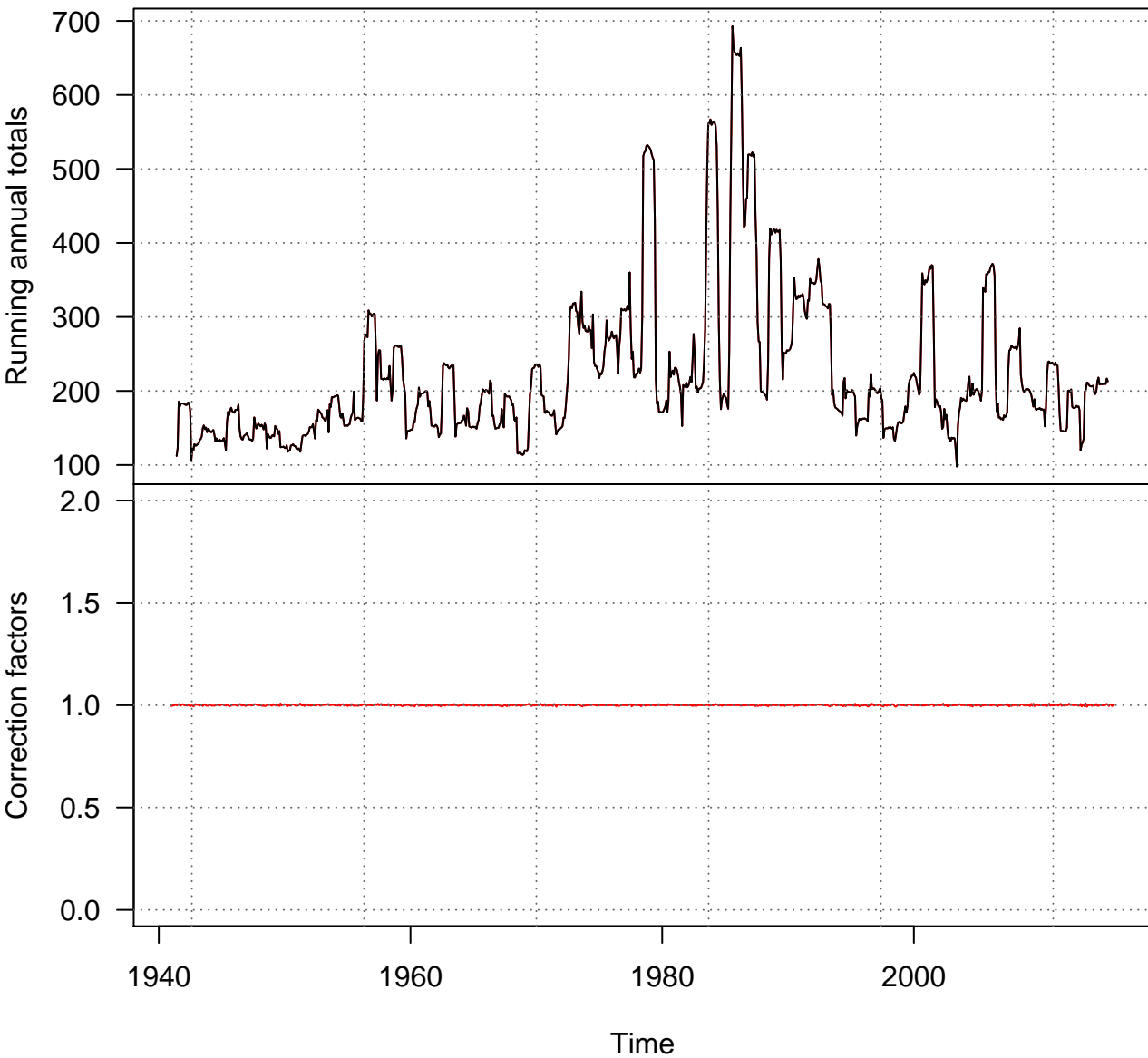
Prcp-3 43 (S239)
Toroyaco_Toroyaco



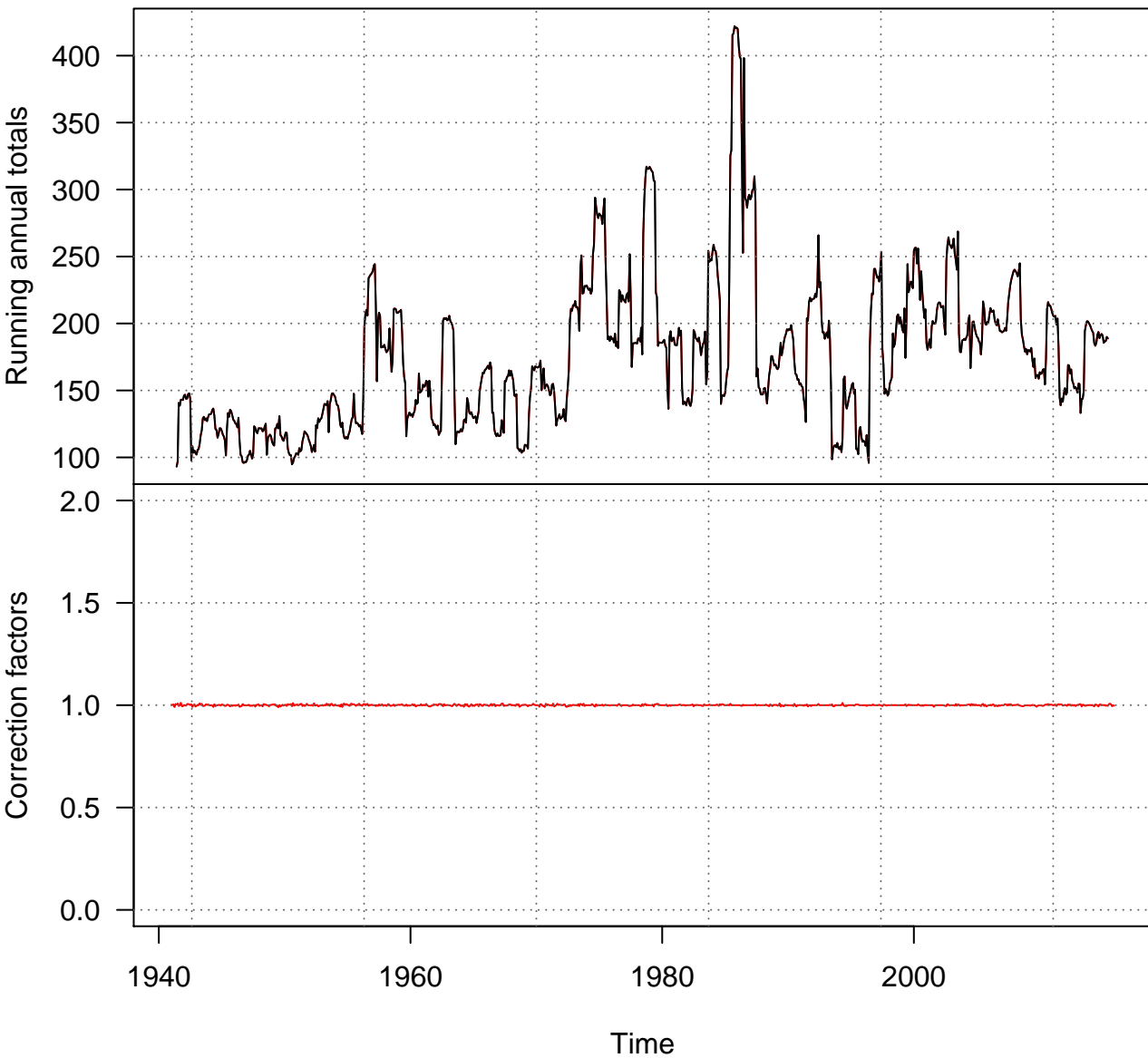
Prcp-3 44 (S245)
Agua Clara_Agua Clara



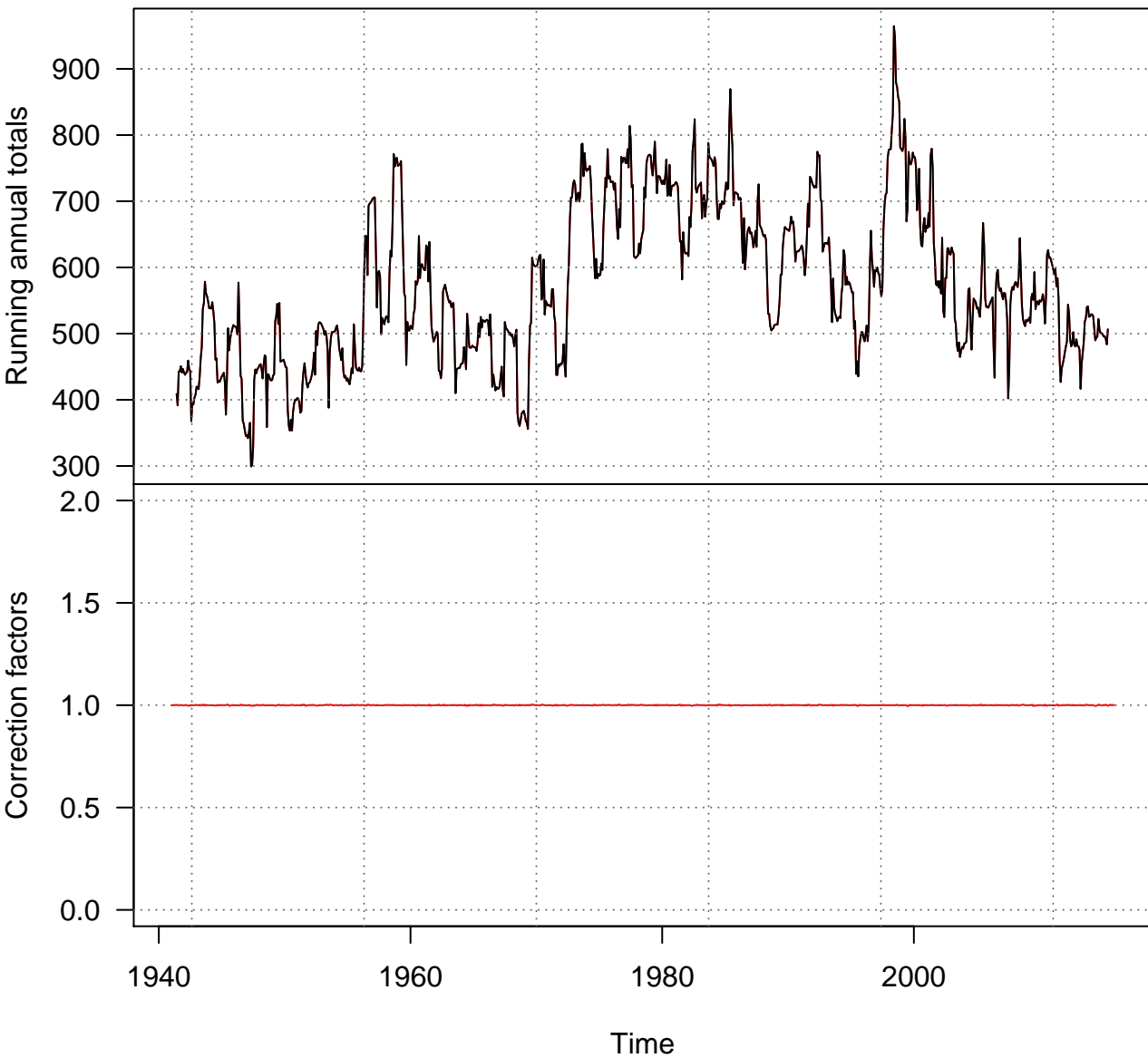
Prcp-3 45 (S246)
Antinaco_Antinaco



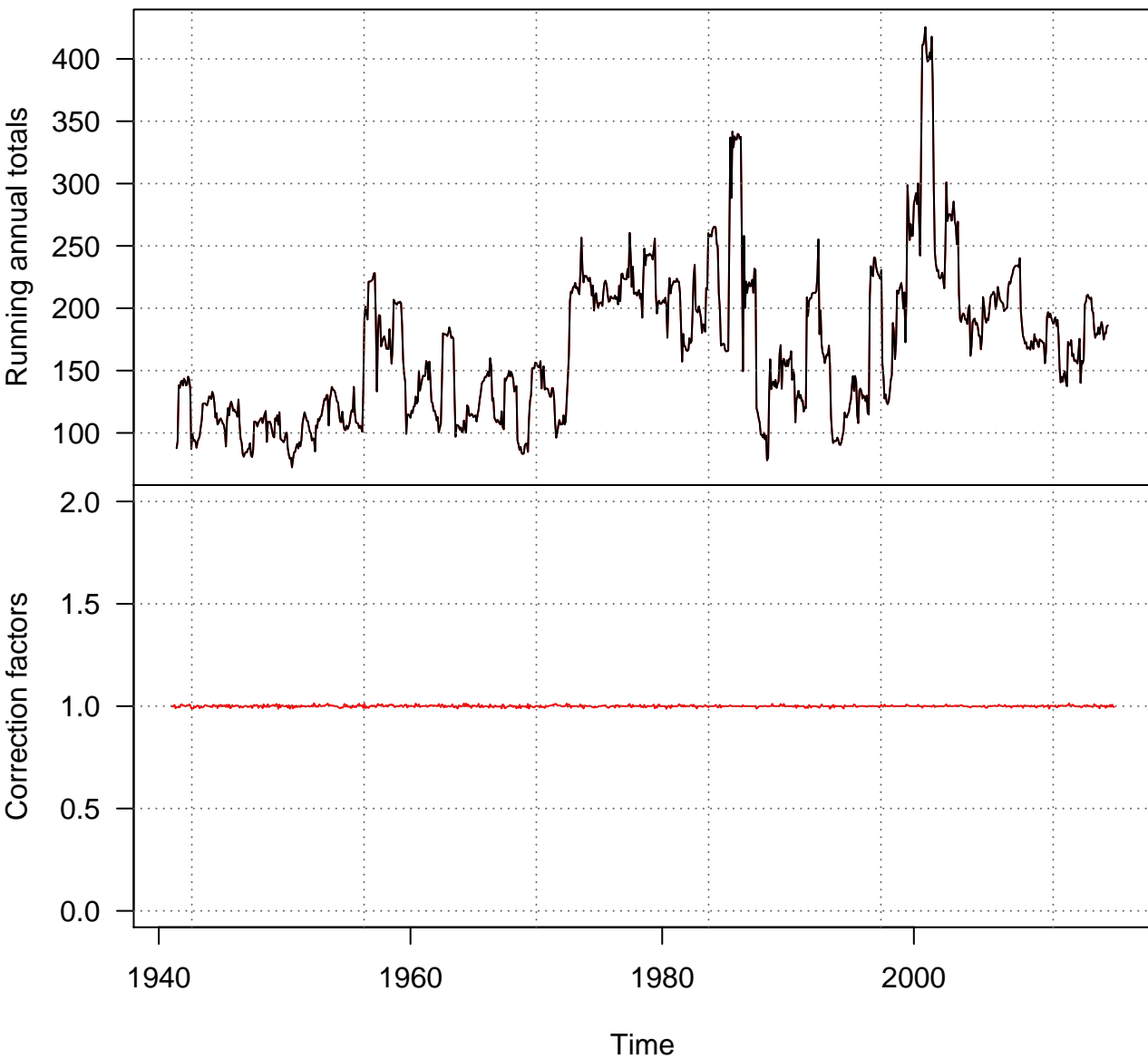
Prcp-3 46 (S247)
Banda de Lucero_Banda de Lucero



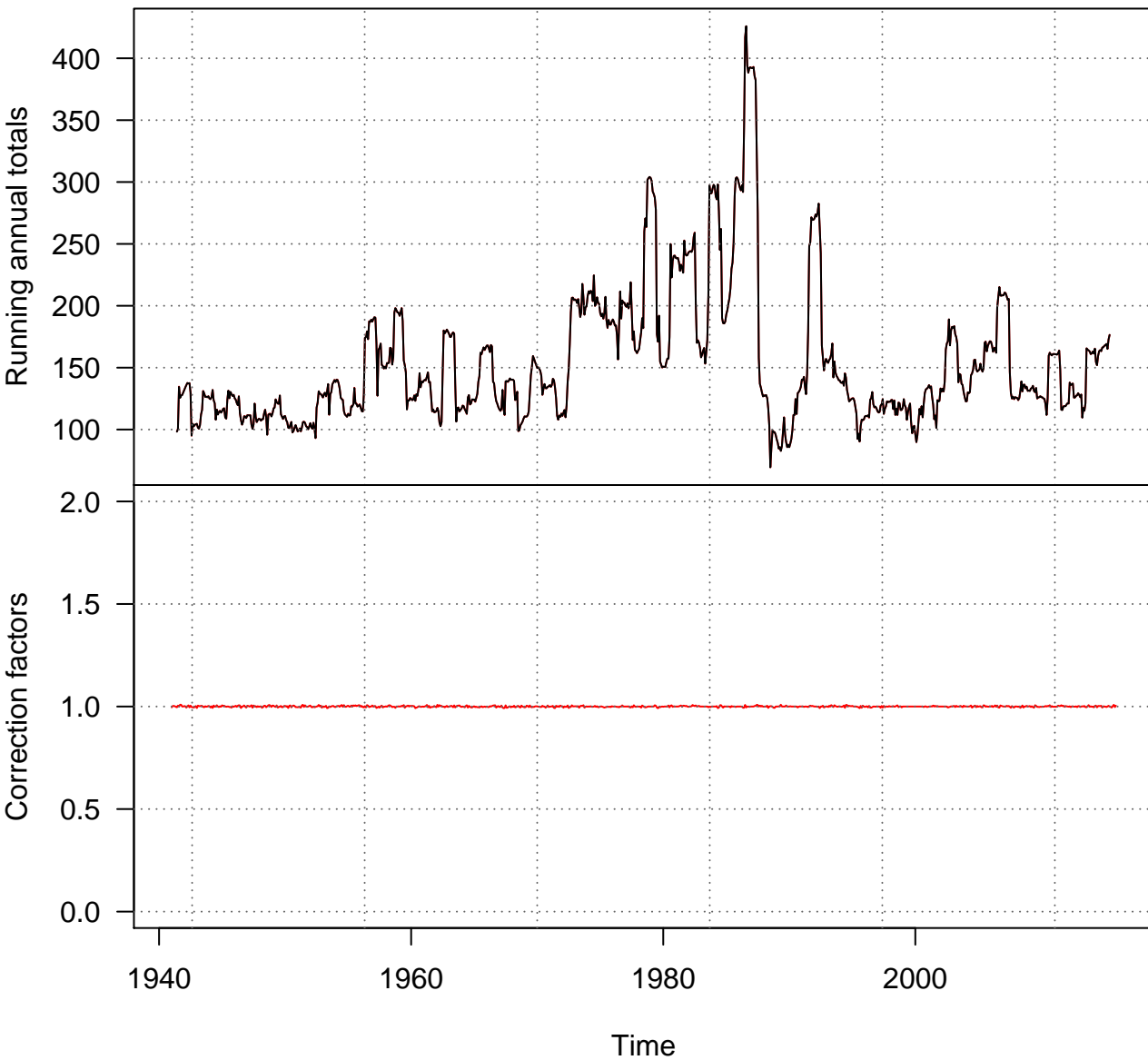
Prcp-3 47 (S248)
Costa de Reyes_Costa de Reyes



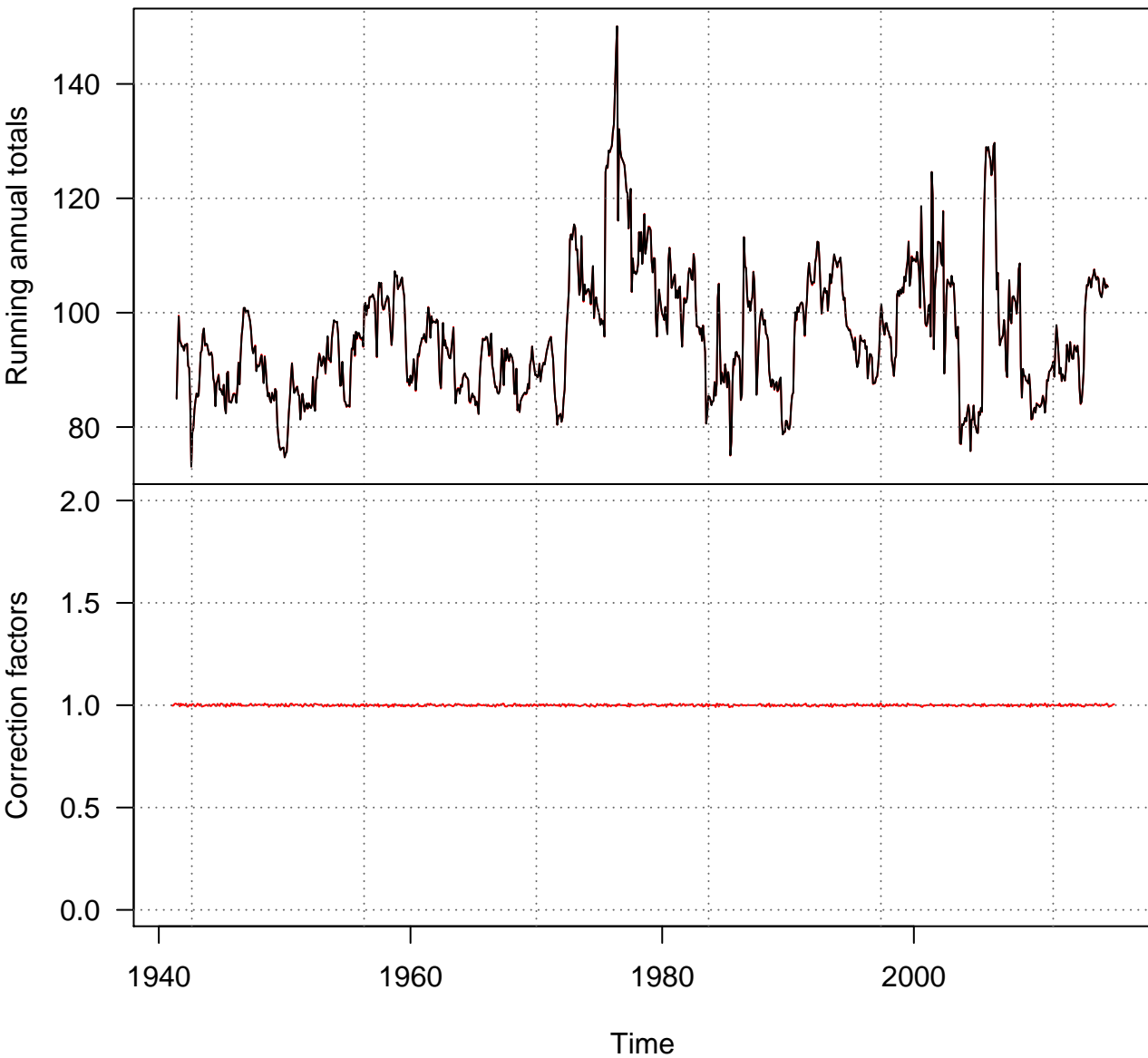
Prcp-3 48 (S249)
Dique Andaluca_Dique Andaluca



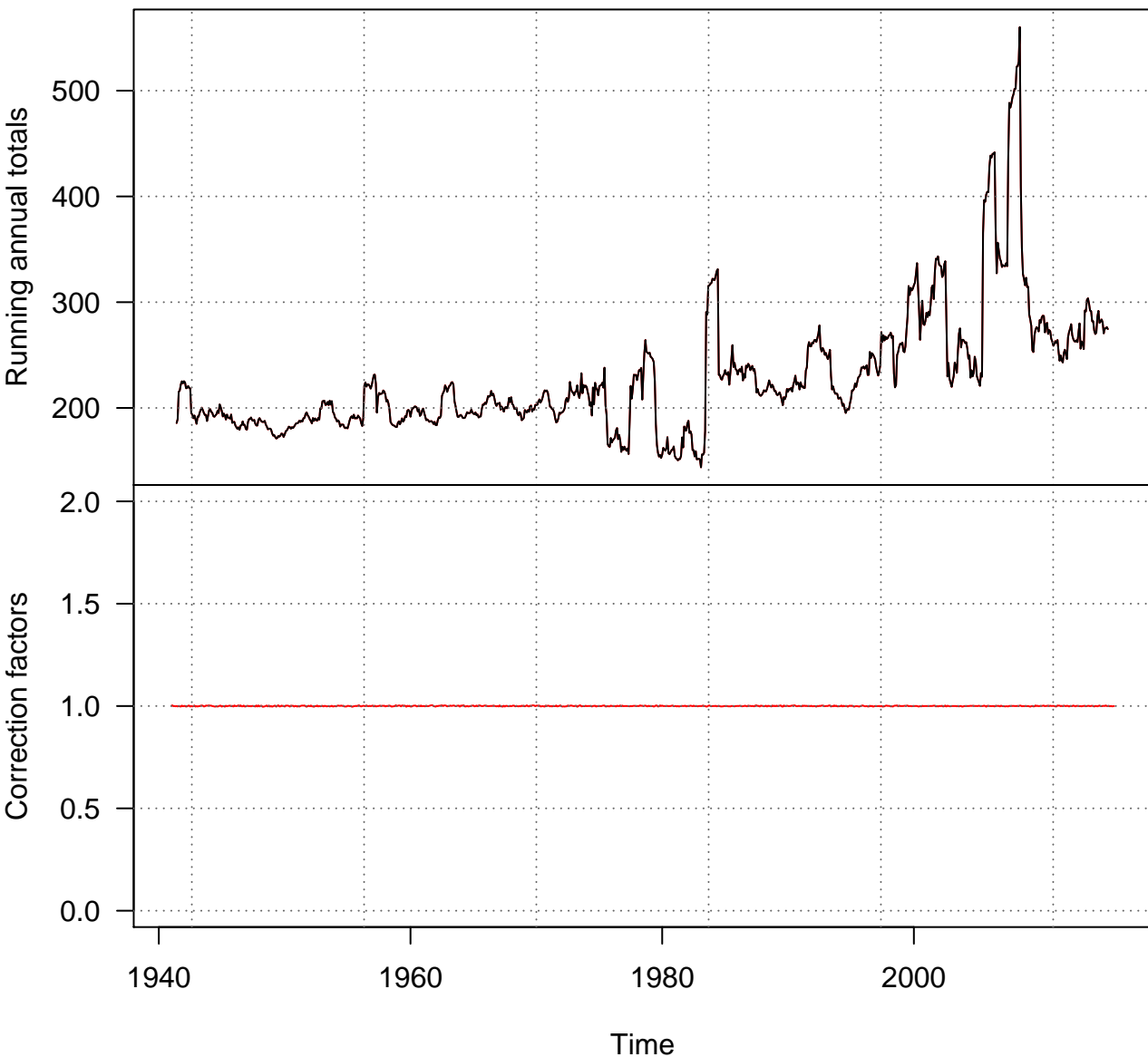
Prcp-3 49 (S250)
El Puesto_El Puesto



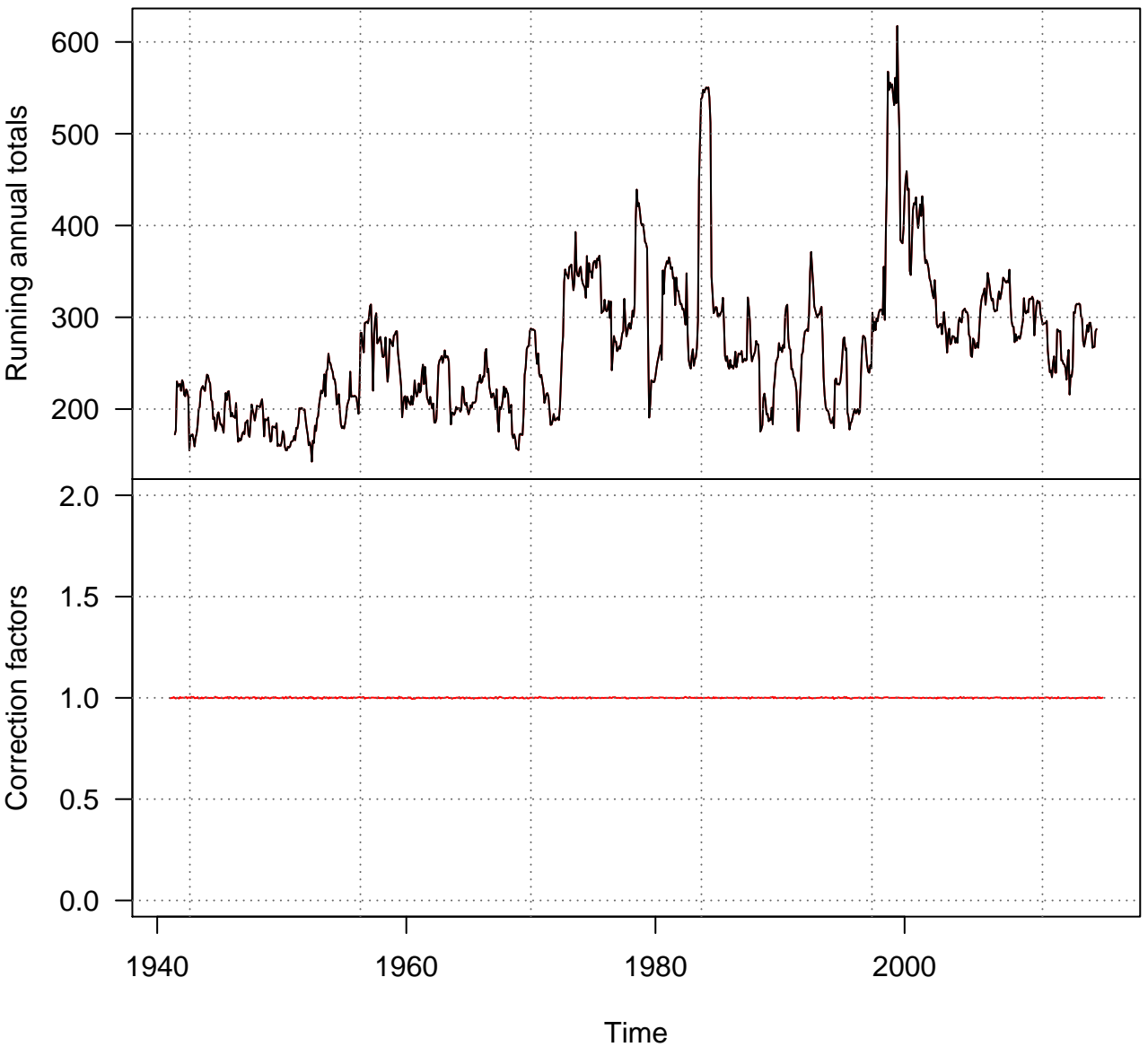
Prcp-3 50 (S251)
Fiambala_Fiambala



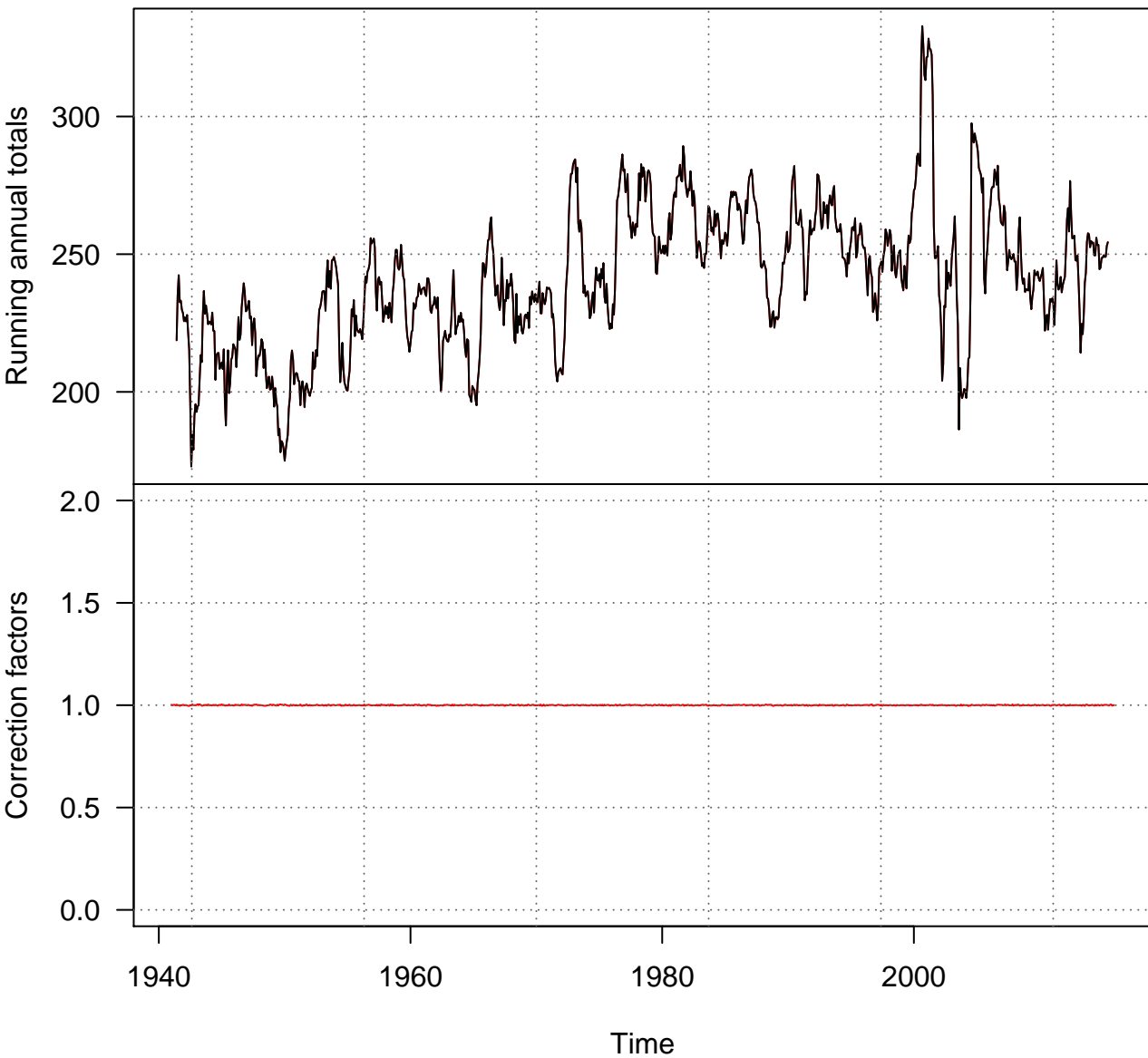
Prcp-3 51 (S253)
Medanitos_Medanitos



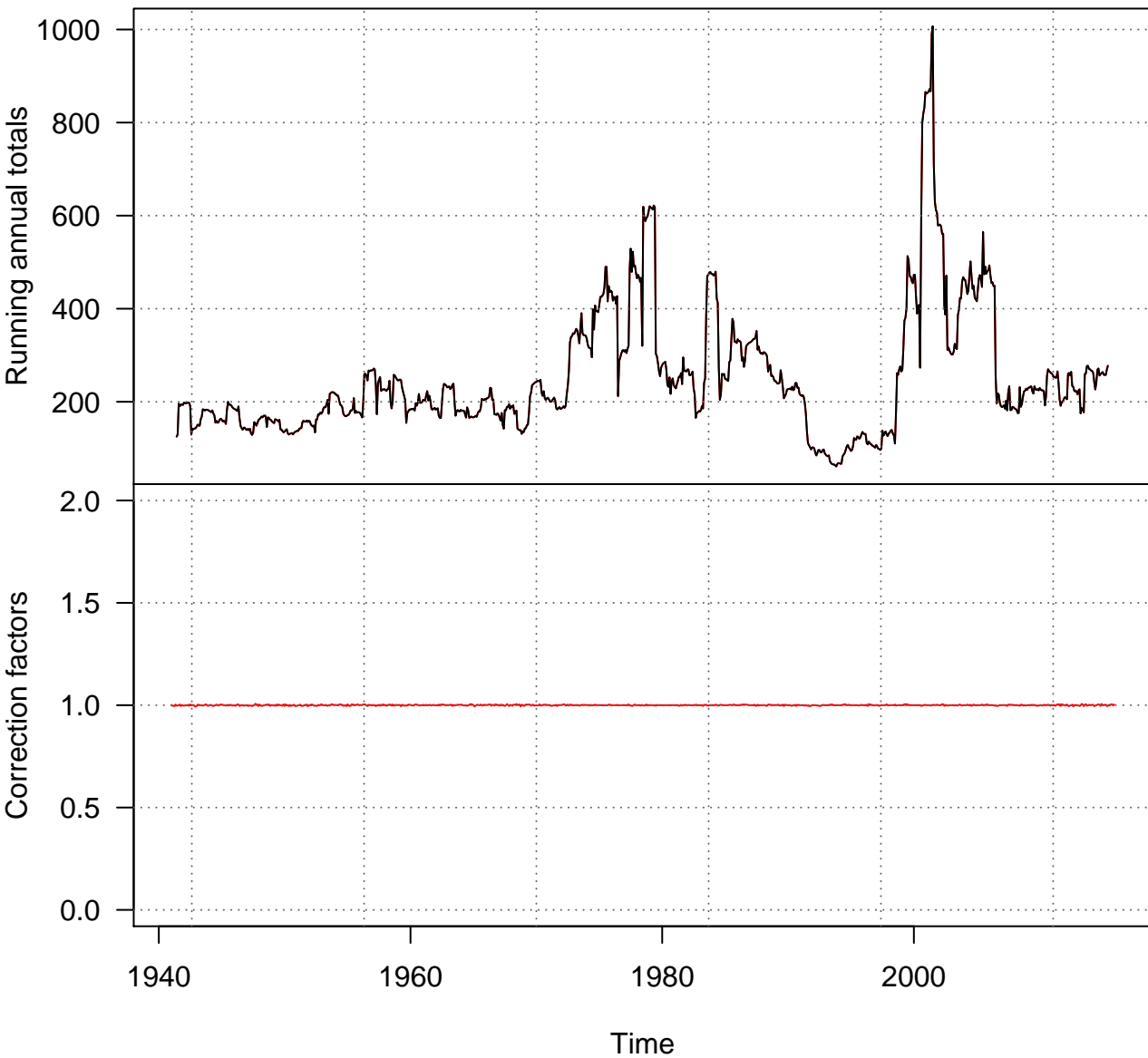
Prcp-3 52 (S254)
Punta del Agua_Punta del Agua



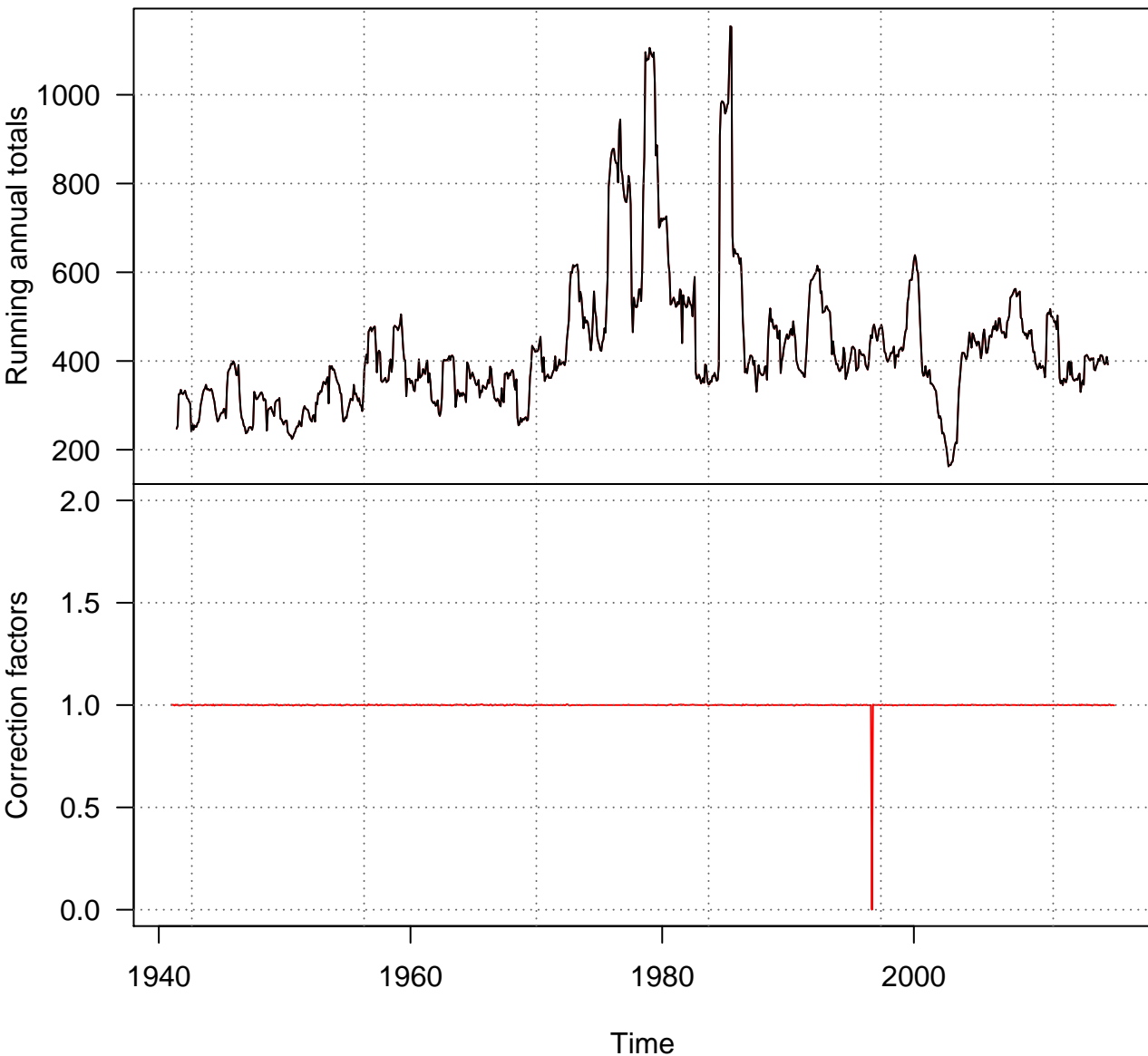
Prcp-3 53 (S255)
Santa Rosa_Santa Rosa



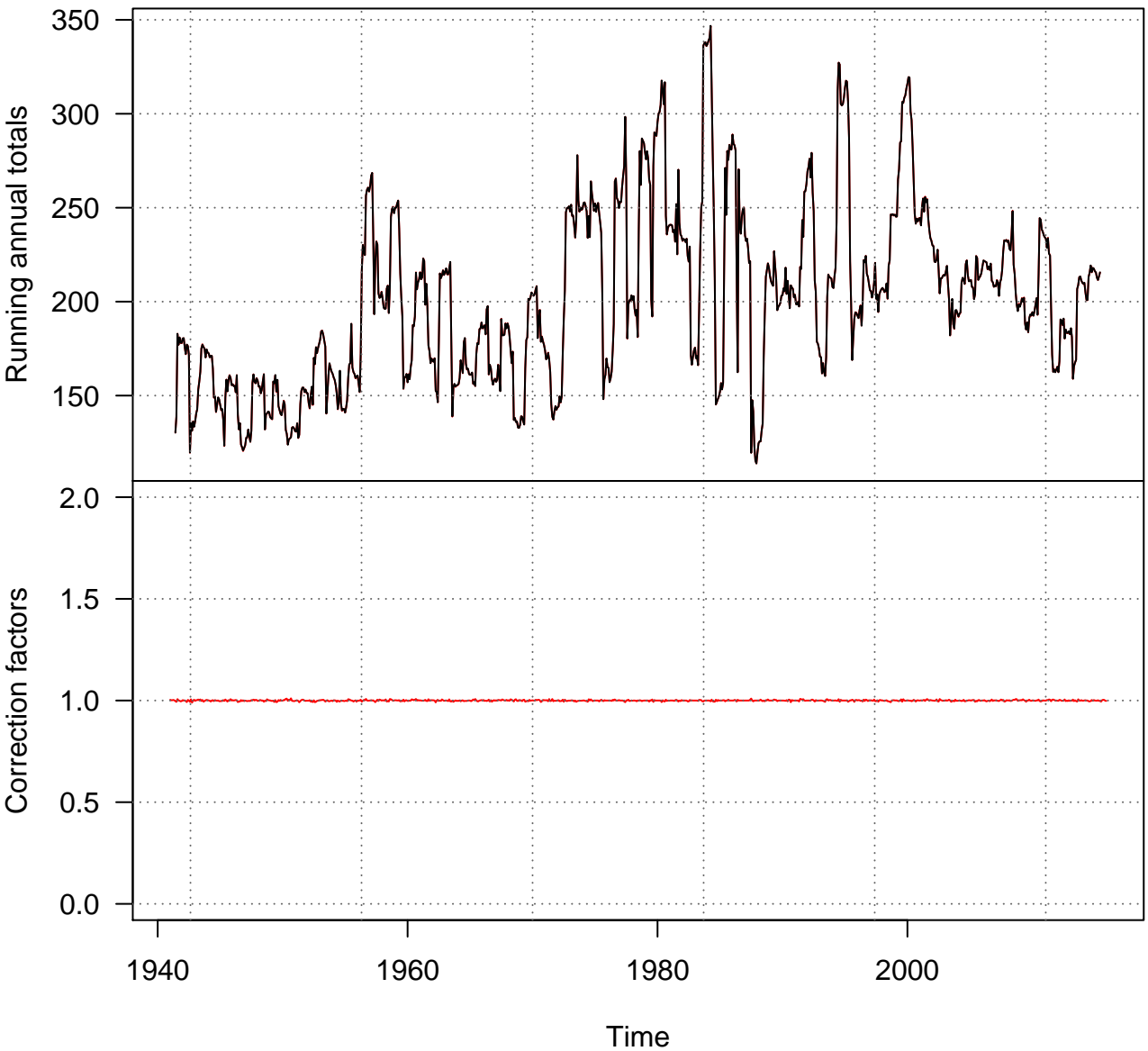
Prcp-3 54 (S256)
Taton_Taton



Prcp-3 55 (S257)
Aguas Negras_Aguas Negras

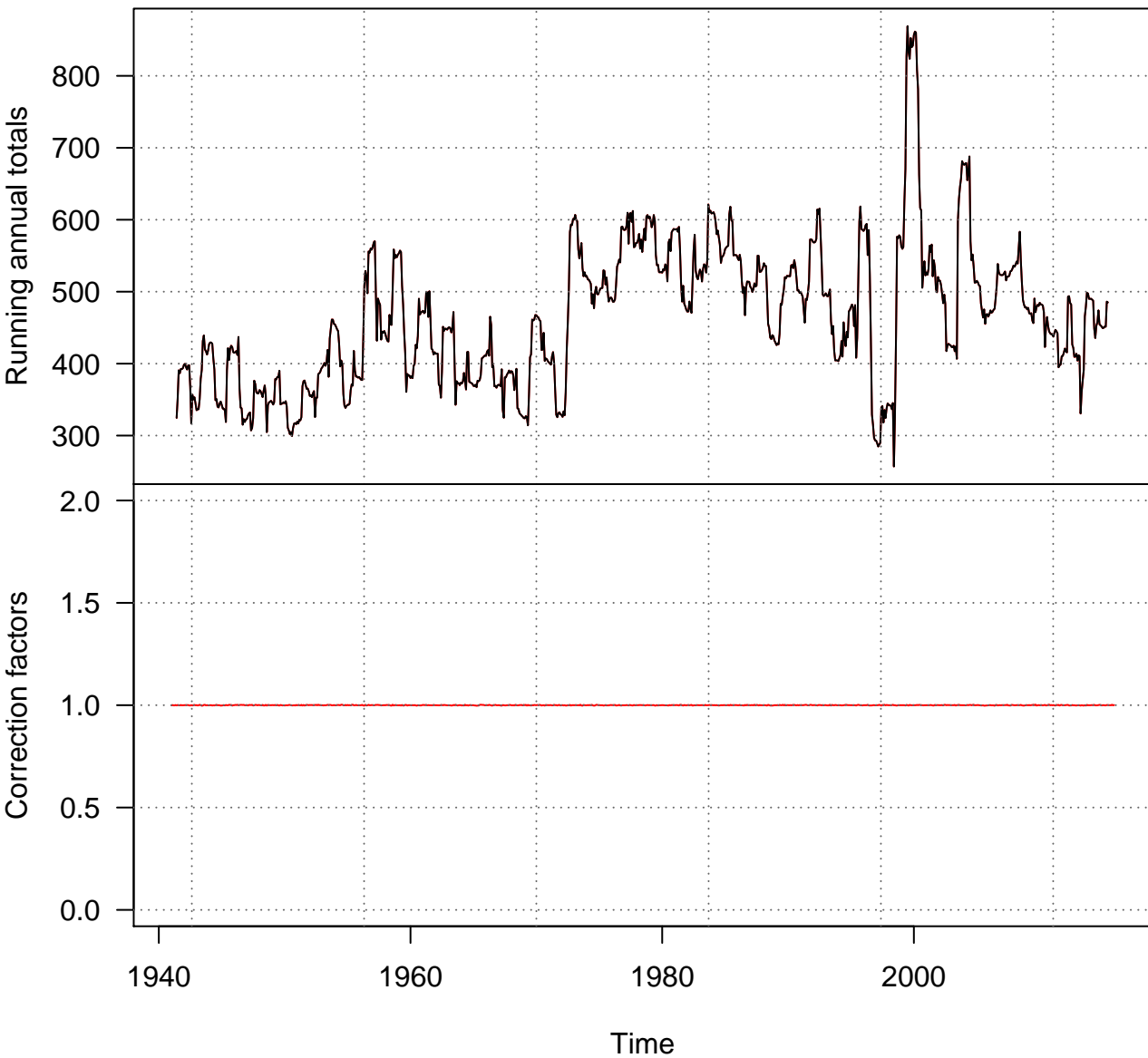


Prcp-3 56 (S258)
Cerro Negro_Cerro Negro2

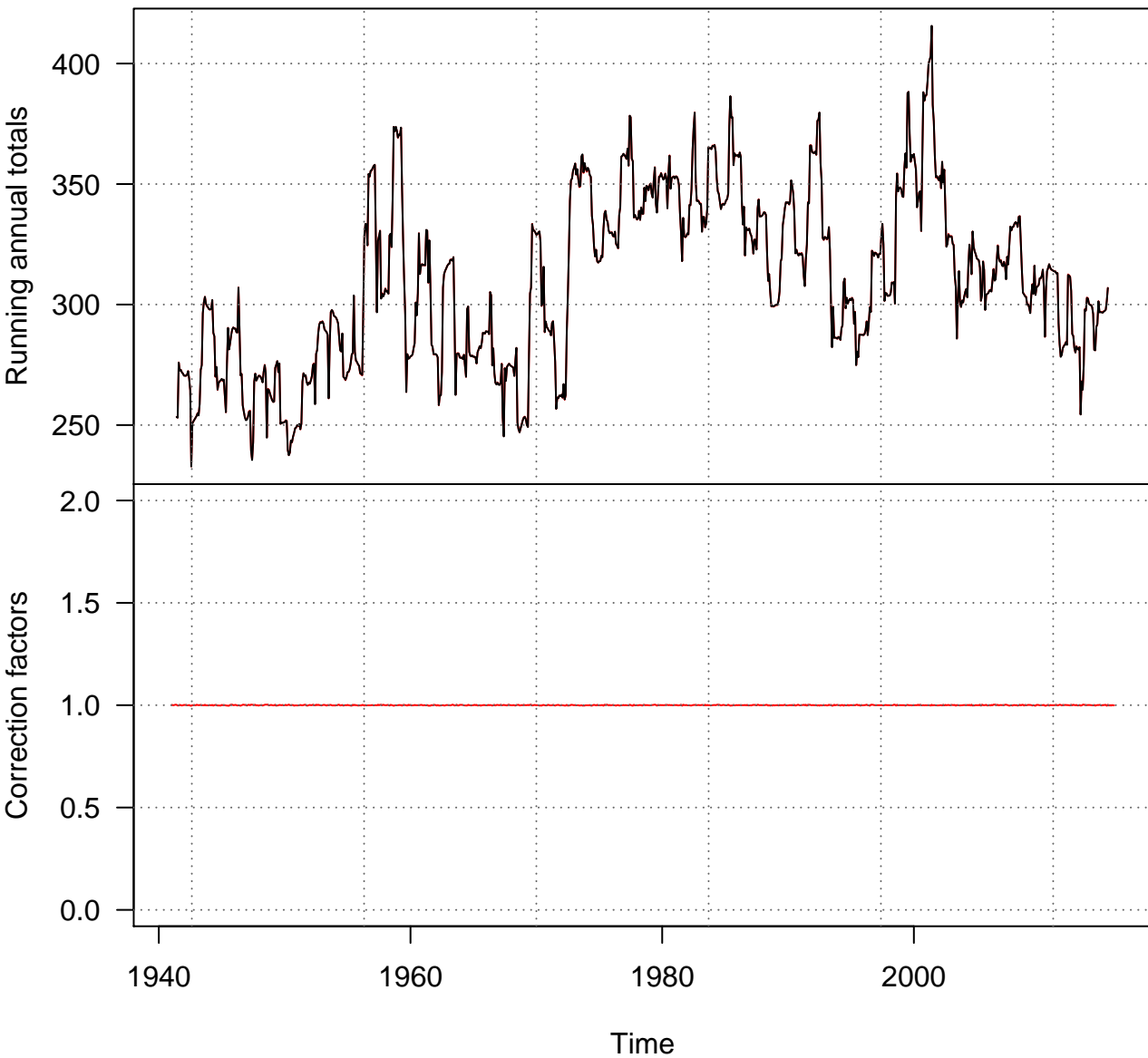


Prcp-3 57 (S260)

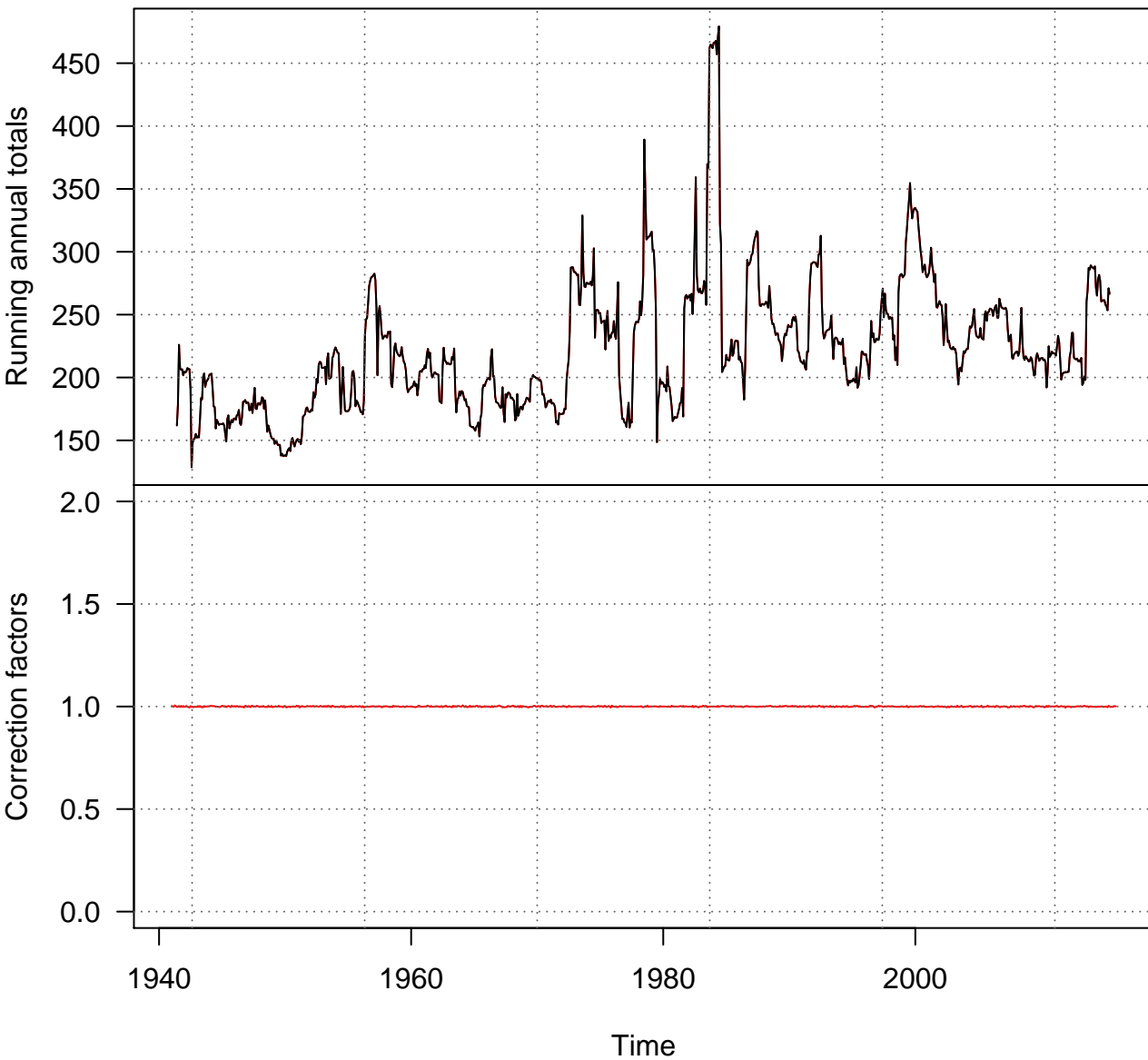
La Palca_La Palca



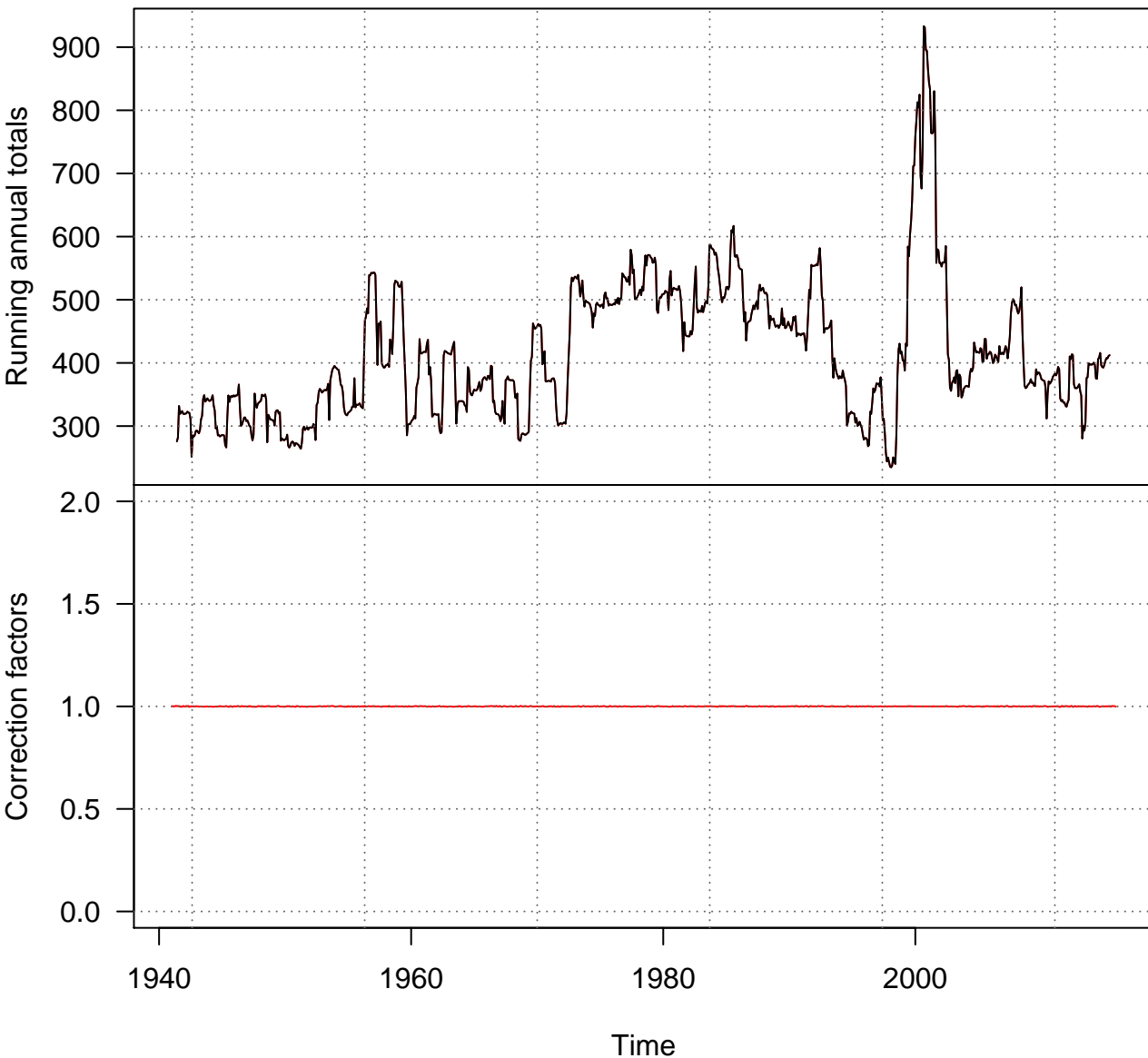
Prcp-3 58 (S261)
Las Papas_Las Papas



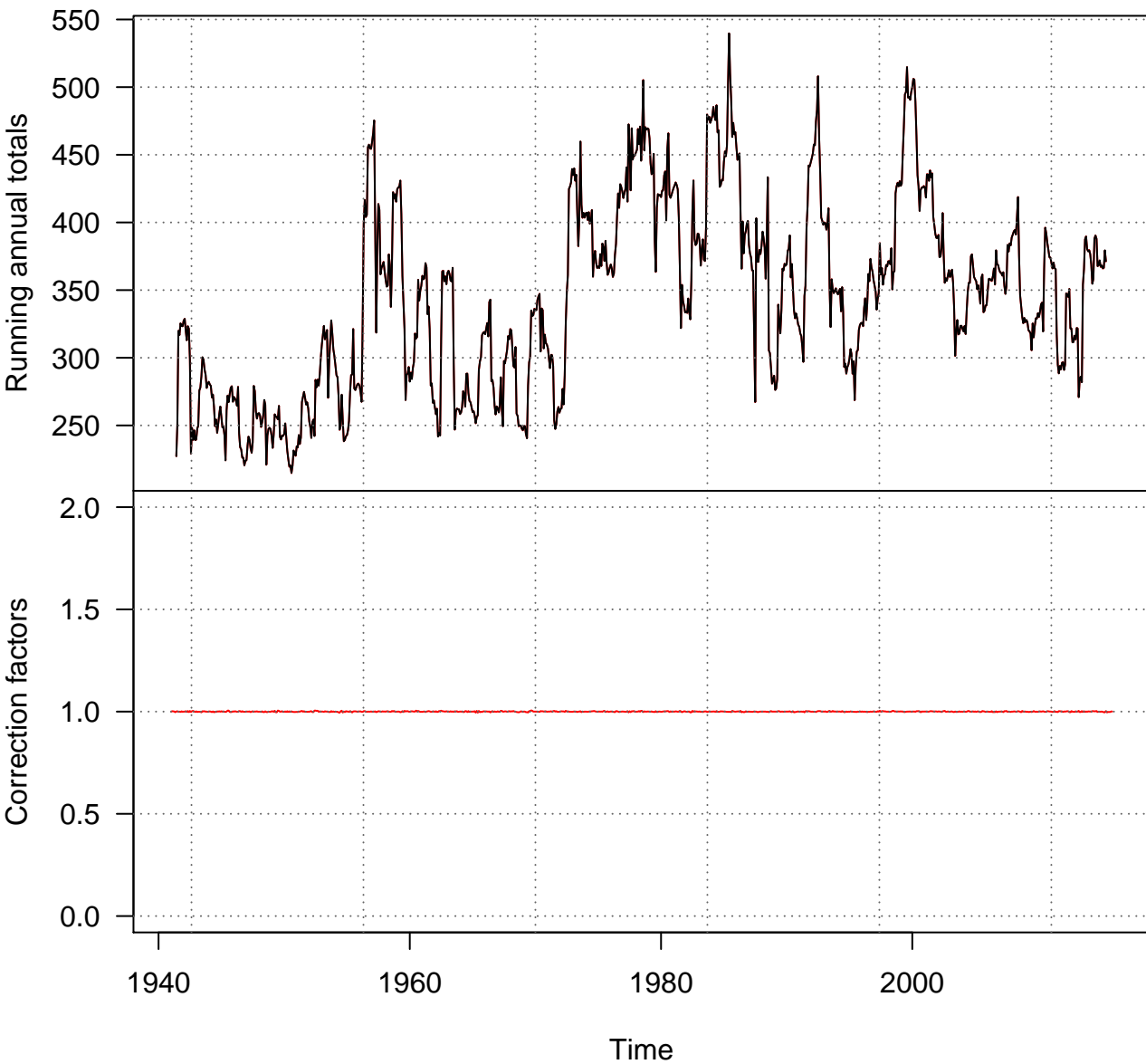
Prcp-3 59 (S262)
Palo Blanco_Palo Blanco



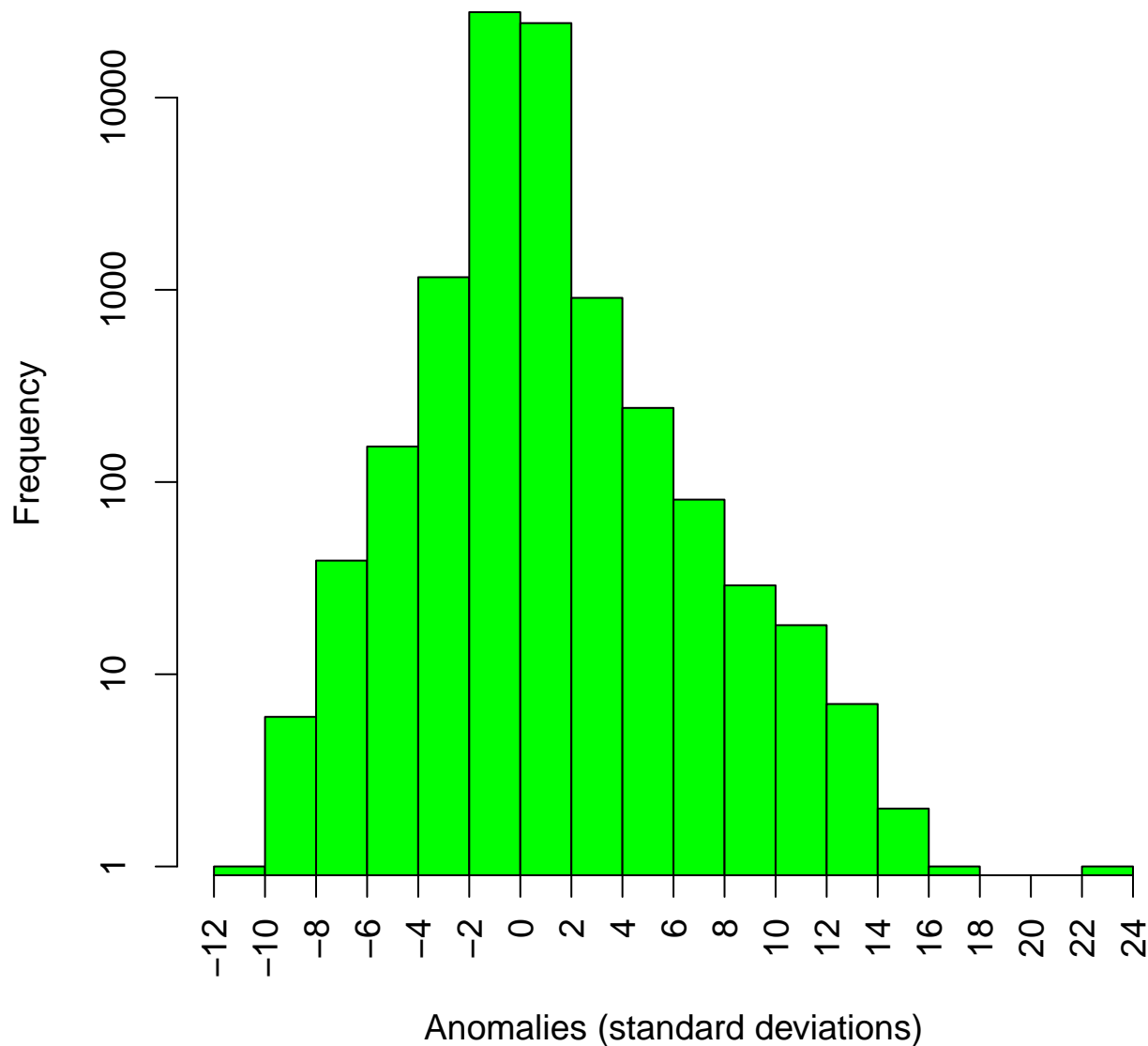
Prcp-3 60 (S263)
Rincón de Médano_Rincón de Médano



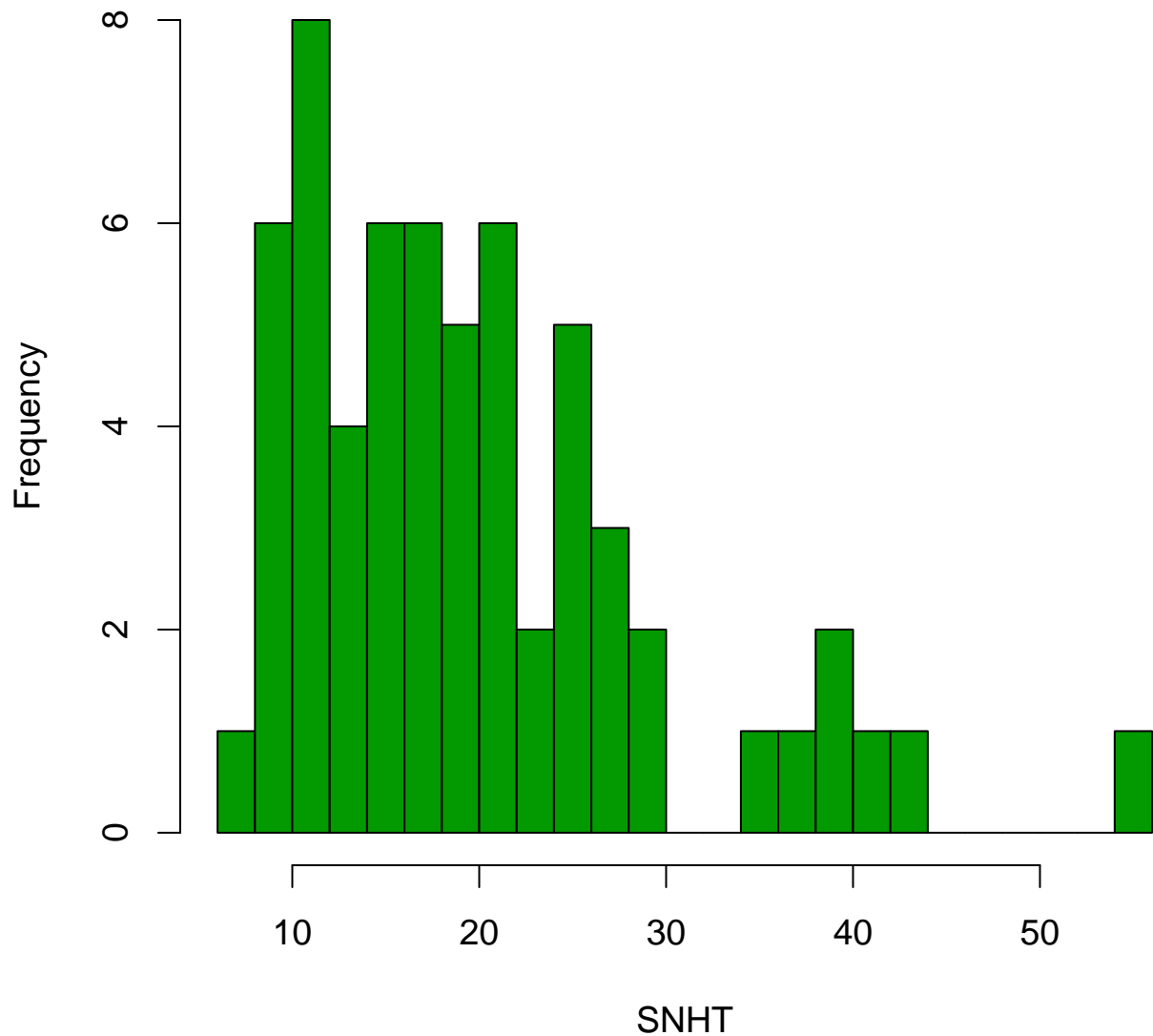
Prcp-3 61 (S264)
Villa Luján_Villa Luján



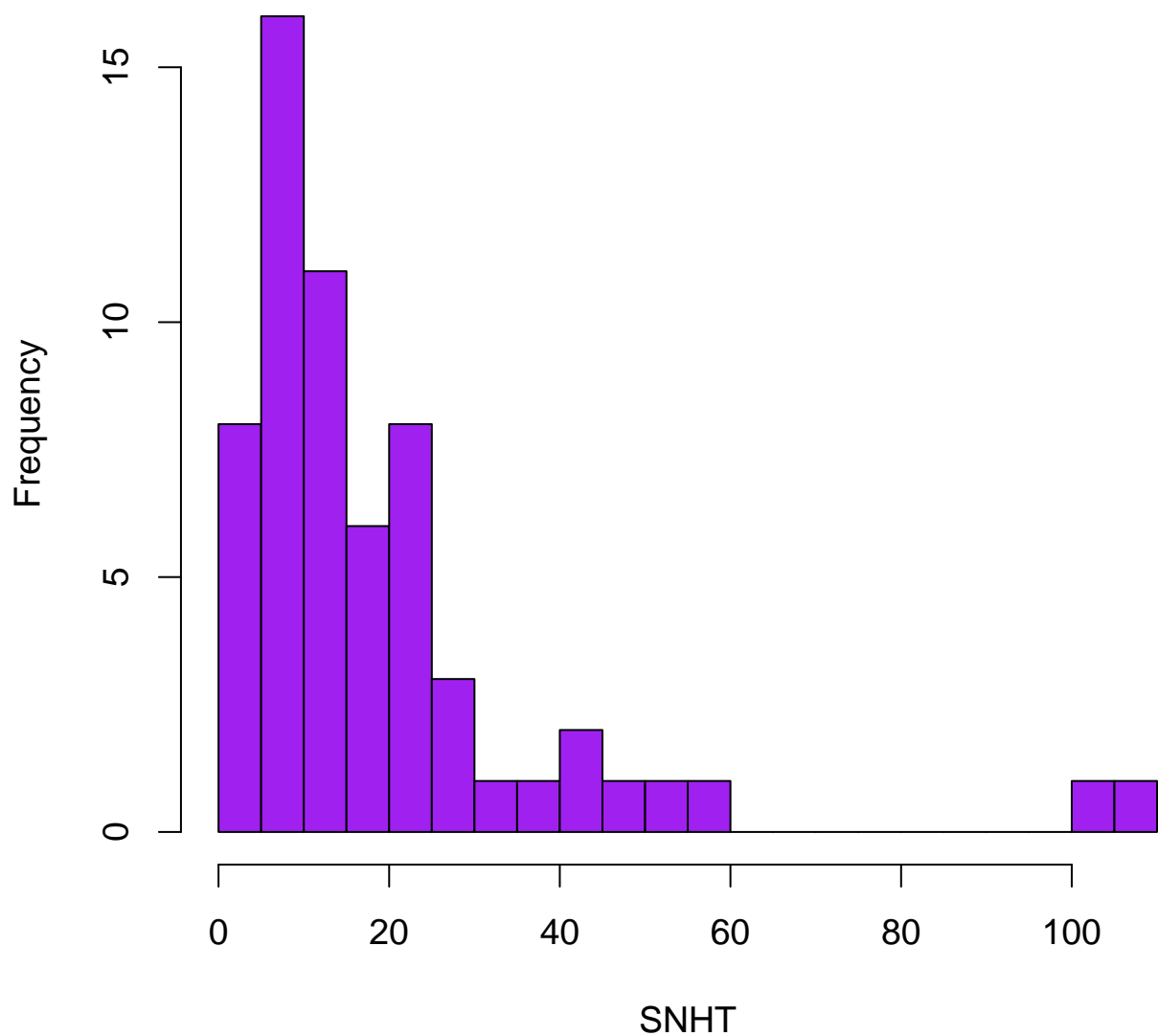
Histogram of normalized anomalies



Histogram of maximum windowed SNHT



Histogram of maximum global SNHT



Station's quality/singularity

