REPUBLIEK VAN SUID-AFRIKA

Departement van Vervoer

WEERBURO

VERSLAG
OOR WEERKUNDIGE DATA

VAN DIE JAAR 1959

UITGEGEE OP GESAG

REPUBLIC OF SOUTH AFRICA,

Department of Transport

South Africa. WEATHER BUREAU.

QC
991
.S6
R6
1959

REPORT
ON METEOROLOGICAL DATA

OF THE YEAR 1959

PUBLISHED BY AUTHORITY

DIE STAATSDRUKKER
THE GOVERNMENT PRINTER
PRETORIA

136 874

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages
Faded or light ink
Binding intrudes into the text

This document has been imaged through the NOAA Environmental Data Rescue Program. To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or www.reference@nodc.noaa.gov.

Lason, Inc.
Imaging Subcontractor
Beltsville, MD
December 20, 2000

DIE STAATSDRUKKER
THE GOVERNMENT PRINTER
PRETORIA

136 874

V O O R W O O R D

Sedert 1926 word statistiese opsommings van elke jaar se weerkundige gegewens in die vorm van n "Verslag van die Jaar" gepubliseer, soos deur wetgewing vereis. Die verslag bevat die gegewens van stasies in die Republiek van Suid-Afrika en in Suidwes-Afrika, Basoetoland, Betsjoeanaland en Swaziland.

Die doel van hierdie verslag is om die groot hoeveelheid ingesamelde weerkundige gegewens in n saaklike en bruikbare vorm beskikbaar te stel en om in die behoeftes van verskeie staatsdepartemente, institute, navorsers en ander belanghebbendes te voorsien. Die gegewens word hoofsaaklik gebruik by die beplanning van waterskemas, landboudienste, lugvaartdienste, industrieë, konstruksiewerke en so meer.

Die huidige boekdeel is die vier-en-dertigste in hierdie reeks en handel oor die waarnemings van die jaar 1959. n Verslag oor die aktiwiteite van die Weerburo gedurende genoemde jaar het reeds in die betrokke jaarlikse verslag van die Departement van Vervoer verskyn.

Die netwerk van stasies het min of meer konstant gebly en dek die verskillende gebiede redelik goed. Die aantal eerste orde weerstasies waar, met uitsondering van die weerkantore, die waarnemings deur Deeltydse Weerkundige Beamptes teen n vaste vergoeding gedoen word, het toegeneem van 75 na 81. Die waarnemings by die ander 187 weerstasies en by die meer as 3,000 reënvalstasies word deur vrywillige medewerkers gedoen, wat deur hulle getroue toewyding werk van blywende waarde gelewer het.

Hiermee wil ek graag my opregte dank en waardering betuig aan almal vir hulle toegewyde samewerking.

PRETORIA.
November 1965.

S.A. Engelbrecht
DIREKTEUR, Weerburo.

P R E F A C E

Statistical summaries of the Meteorological data for each year have been published in the form of a "Report of the Year" since 1926. This publication is a statutory requirement and contains the data for stations in the Republic of South Africa and in South West Africa, Basutoland, Bechuanaland and Swaziland.

The purpose of this report is to present the large volume of collected meteorological data in a concise and usable form and to meet the needs of several government departments, institutions, research workers and other potential users. The data are mainly used in planning water schemes, agricultural services, aviation services, industries, construction works and so forth.

The present volume is the thirty-fourth in this series and deals with the observations of the year 1959. A report on the activities of the Weather Bureau during that year was included in the relevant annual report of the Department of Transport.

The network of stations remained more or less constant and provides a fairly good coverage of the areas concerned. The number of first order weather stations, where, except at Weather Offices, the observations are made by Part-time Meteorological Officers against a fixed remuneration, increased from 75 to 81. The observations at the remaining 187 weather stations and at the more than 3,000 rainfall stations are made by voluntary co-operative workers who, by their faithful devotion, rendered work of lasting value.

I hereby wish to express my sincere thanks and appreciation to all for their devoted co-operation.

PRETORIA.
November 1965.

S.A. Engelbrecht
DIRECTOR, Weather Bureau.

1959 JAARVERSLAG

INHOUD

		Bladsy
VOORWOORD		iii
INHOUD		iv-v
BLADWYSER VAN 1e, 2e EN 3e ORDE STASIES		vi-xi
VERKLARENDE AANTEKENINGE		xii-xxi
REËNVALKAARTE	volg op	xxi
OMSET-TABELLE		1
TABEL I	Klimaatdata en windgegewens vir 81 eerste orde stasies	2-83
TABEL IIA	Klimaatdata vir 82 tweede orde stasies	84-124
TABEL IIB	Windgegewens vir 57 tweede orde stasies	125-130
TABEL III	Klimaatdata vir 106 derde orde stasies	131-166
TABEL IV	Grasminimumtemperature vir 91 stasies en grondtemperature vir 70 stasies	167-183
TABEL V	Pentadewaardes van gemiddelde daaglikse temperature, totale sonskynduur en reënval vir 60 stasies	184-203
TABEL VIA	Gemiddelde uurlikse waardes van lugdruk vir 20 stasies	204-210
TABEL VIB	Gemiddelde uurlikse waardes van lugtemperatuur vir 21 stasies	211-217
TABEL VIC	Gemiddelde uurlikse waardes van relatiewe vogtigheid vir 21 stasies	218-221
TABEL VII	Sonskynduur en frekwensies vir 94 stasies	222-231
TABEL VIII	Daaglikse waardes van straling (totaal en diffuus) vir 14 stasies	232-245
TABEL IXA	Maandelikse reënval vir 3020 stasies geleë in die Republiek van Suid-Afrika en in Basoetoland, Betsjoeanaland en Swaziland	246-317
TABEL IXB	Maandelikse reënval vir 454 stasies geleë in Suidwes-Afrika	318-329
TABEL IXC	Newelneerslag vir 2 stasies	330
KAART VAN SEKSIES	volg op	330

1959 ANNUAL REPORT

		Page
PREFACE		iii
CONTENTS		iv-v
INDEX TO 1st, 2nd AND 3rd ORDER STATIONS		vi-xi
EXPLANATORY NOTES		xii-xxi
RAINFALL MAPS	follows on	xxi
CONVERSION TABLES		1
TABLE I	Climate and wind data for 81 first order stations	2-83
TABLE IIA	CLIMATE data for 81 second order stations	84-124
TABLE IIB	Wind data for 57 second order stations	125-130
TABLE III	Climate data for 106 third order stations	131-166
TABLE IV	Grass minimum temperatures for 91 stations and soil temperatures for 70 stations	167-183
TABLE V	Pentade values of mean daily temperatures, total sunshine, duration and rainfall for 60 stations	184-203
TABLE VIA	Mean hourly values of pressure for 20 stations	204-210
TABLE VIB	Mean hourly values of air temperature for 21 stations	211-217
TABLE VIC	Mean hourly values of relative humidity for 21 stations	218-221
TABLE VII	Sunshine duration and frequencies for 94 stations	222-231
TABLE VIII	Daily values of radiation (total and diffuse) for 14 stations	232-245
TABLE IXA	Monthly rainfall for 3020 stations in the Republic of South Africa and in Basutoland, Bechuanaland and Swaziland	246-317
TABLE IXB	Monthly rainfall for 454 stations in South West Africa	318-329
TABLE IXC	Fog-precipitation for 2 stations	330
MAP OF SECTIONS	follows on	330

BLADWYSER 1959 INDEX

STASIE - STATION	Bladsye									Pages				
	TABELLE									TABLES				
	I	IIA	IIB	III	IV	V	VIA	VIB	VIC	VII	VIII	IXA	IXB	IXC
Addo	.	86	125	.	168	.	.	.	.	222	.	250	.	.
Afsondering	.	.	.	140	.	.	.	.	.	.	.	272	.	.
Alexander Bay	38	.	.	.	.	.	206	213	219	226	236	278	.	.
Aliwal North	26	.	.	.	170	190	.	.	.	224	.	268	.	.
Allerton (Pietermaritzburg)	.	.	.	142	.	.	.	.	.	.	.	274	.	.
Amsterdam (Crecy)	62	.	.	.	180	201	.	.	.	229	.	308	.	.
Armoedsvlakte (Vryburg)	50	.	.	.	176	197	.	.	.	227	.	294	.	.
Athole	.	.	.	151	.	.	.	.	.	.	.	296	.	.
Aus, S.W.A.	.	111	128	.	.	.	.	.	.	.	.	.	318	.
Balegane Ranch, Swaz.	.	.	.	154	.	.	.	.	.	.	.	300	.	.
Balkfontein	.	110	.	.	.	.	.	.	.	.	.	290	.	.
Barberspan	.	.	.	150	176	.	.	.	.	.	.	294	.	.
Barberton (Landbou/Agric.)	.	.	.	158	179	.	.	.	.	229	.	304	.	.
Barberton (Tronk/Gaol)	.	115	.	.	.	.	.	.	.	.	.	304	.	.
Barkly East	.	.	.	.	171	.	.	.	.	224	.	.	.	.
Bashee	.	.	.	138	.	.	.	.	.	.	.	260	.	.
Bathurst	.	87	125	.	168	.	.	.	.	222	.	252	.	.
Beaufort West	16	.	.	.	169	188	205	212	218	223	.	258	.	.
Belfast	.	.	.	157	.	.	.	.	.	.	.	.	.	.
Bergvliet	.	.	.	160	.	.	.	.	.	.	.	306	.	.
Bethal	.	114	129	.	.	199	.	.	.	.	.	298	.	.
Bethlehem (Loch Lomond)	42	.	.	.	174	195	.	.	.	226	.	286	.	.
Bien Donné	8	.	.	.	167	.	.	.	.	.	.	248	.	.
Bird Island	.	87	125	.	.	.	.	.	.	.	.	250	.	.
Bloemfontein	36	.	.	.	.	194	206	213	219	225	235	278	.	.
Boegoebergdam	.	98	126	.	.	.	.	.	.	.	.	276	.	.
Brandvlei	.	94	126	.	.	.	.	.	.	.	.	270	.	.
Bremersdorp (Manzini), Swaz.	.	114	129	.	178	.	.	.	.	228	.	300	.	.
Brits (Hartebeestpoort)	.	.	.	155	179	.	.	.	.	.	.	302	.	.
Buffelspoort	.	.	.	154	179	.	.	.	.	.	.	302	.	.
Butha-Buthe, Bas.	.	103	.	.	.	.	.	.	.	.	.	282	.	.
Cala	.	93	.	.	.	.	.	.	.	.	.	262	.	.
Calvinia	22	.	.	.	170	189	.	.	.	224	.	264	.	.
Carletonville	.	112	.	.	.	.	.	.	.	.	.	296	.	.
Carolina	54	.	.	.	177	.	.	.	.	228	.	300	.	.
Cape Agulhas	2	.	.	.	.	184	.	.	.	.	.	246	.	.
Cape Columbine	14	.	.	.	.	.	.	.	.	.	.	254	.	.
Cape Hermes (Port St. Johns)	20	.	.	.	.	.	.	.	.	.	.	264	.	.
Cape Point (Kaappunt)	2	.	.	.	.	.	.	.	.	.	.	246	.	.
Cape St. Blaize (Mossel Bay)	4	.	.	.	.	.	.	.	.	.	.	246	.	.
Cape St. Francis	4	.	.	.	.	.	.	.	.	.	.	246	.	.
Cape St. Lucia	42	.	.	.	.	196	.	.	.	.	.	286	.	.
Cape Town (City Hosp.)	.	.	.	132	167	.	.	.	.	.	.	248	.	.
Cape Town (D.F. Malan)	6	.	.	.	.	184	204	211	218	222	232	248	.	.
Cape Town (Kirsternbosch)	.	.	.	132	167	.	.	.	.	.	.	248	.	.
Cape Town (Royal Observatory)	.	.	.	133	.	.	.	.	.	.	.	248	.	.
Cedara	.	96	126	.	172	192	.	.	.	225	.	274	.	.
Charter's Creek	.	.	.	148	.	.	.	.	.	.	.	286	.	.
Chester	.	.	.	163	.	.	.	.	.	.	.	312	.	.
Colenso	.	.	.	146	.	.	.	.	.	.	.	282	.	.
Cradock (Tronk/Gaol)	.	91	126	.	.	.	.	.	.	.	.	258	.	.
Cradock S.A.S./S.A.R.	.	92	.	.	.	.	.	.	.	.	.	.	.	.
Crecy (Amsterdam)	62	.	.	.	180	201	.	.	.	229	.	308	.	.

BLADWYSER 1959 INDEX

STASIE - STATION	Bladsye													
	Pages													
	TABELLE									TABLES				
	I	IIA	IIB	III	IV	V	VIA	VIB	VIC	VII	VIII	IXA	IXB	IXC
De Aar	24	.	.	.	170	190	.	.	.	224	.	266	.	.
D.F. Malan (Cape Town)	6	.	.	.	.	184	204	211	218	222	232	248	.	.
Diaz Point (Luderitz Bay), S.W.A.	48	.	.	.	.	.	.	.	.	227	.	.	318	.
Dohne	.	90	126	.	169	188	.	.	.	223	.	256	.	.
Drakensberg (Cathedral Peak)	.	.	.	146	.	.	.	.	.	226	.	282	.	.
Durban (Louis Botha)	34	.	.	.	.	193	205	212	219	225	234	276	.	.
East London (Southernwood)	.	.	.	138	.	.	.	.	.	.	.	256	.	.
East London (Weather Office)	12	.	.	.	.	187	205	212	218	223	.	254	.	.
Ebenezer, S.W.A.	.	.	.	165	.	.	.	.	.	.	.	.	324	.
Elgin	.	.	.	131	.	.	.	.	.	.	.	246	.	.
Elsenburg	.	.	.	133	167	184	.	.	.	222	.	248	.	.
Emerald Dale	.	.	.	142	.	.	.	.	.	.	.	274	.	.
Eremutua N.E., S.W.A.	.	.	.	165	.	.	.	.	.	.	.	.	324	.
Ermelo (Nooitgedacht)	.	111	128	.	177	198	.	.	.	228	.	296	.	.
Eshowe	.	.	.	147	.	.	.	.	.	.	.	282	.	.
Estcourt	38	.	.	.	173	194	.	.	.	226	.	278	.	.
Evelyn Valley	.	.	.	137	.	.	.	.	.	.	.	256	.	.
Farm Loch Lynne	.	.	.	135	.	.	.	.	.	222	.	252	.	.
Fauresmith	32	.	.	.	172	192	.	.	.	225	.	274	.	.
Fleur de Lys	64	.	.	.	181	201	.	.	.	229	.	310	.	.
Fort Beaufort	.	.	.	137	.	187	.	.	.	.	.	256	.	.
Fort Murray	.	.	.	138	.	.	.	.	.	.	.	256	.	.
Francistown, Bech.	76	.	.	.	183	.	.	.	.	231	.	316	.	.
Frankenwald	.	113	129	.	177	.	.	.	.	228	.	298	.	.
Fraserburg	18	.	.	.	169	.	.	.	.	223	.	260	.	.
Gaberones, Bech.	60	.	.	.	180	.	.	.	.	229	.	306	.	.
Gemsbokfontein	.	.	.	157	.	.	.	.	.	.	.	304	.	.
George	10	.	.	.	168	185	204	211	218	222	.	250	.	.
Ghanzi, Bech.	74	.	.	.	183	.	.	.	.	230	.	316	.	.
Glen Kollege	.	102	127	.	173	.	.	.	.	226	.	280	.	.
Gobabis, S.W.A.	.	120	129	.	.	.	.	.	.	.	.	.	322	.
Goedgegun, Swaz.	.	.	.	149	.	.	.	.	.	.	.	292	.	.
Golela, Swaz.	.	.	.	150	.	.	.	.	.	.	.	292	.	.
Gooldville	.	.	.	164	.	.	.	.	.	.	.	316	.	.
Gough	82	.	.	.	.	.	210	217	221	231	.	316	.	.
Graaff-Reinet	.	91	126	.	.	.	.	.	.	.	.	258	.	.
Grahamstown	.	.	.	137	.	.	.	.	.	.	.	254	.	.
Great Fish Point	.	88	125	.	.	.	.	.	.	.	.	252	.	.
Groendraai	66	.	.	.	181	.	.	.	.	230	.	310	.	.
Groot Drakenstein	.	.	.	134	.	.	.	.	.	.	.	248	.	.
Grootfontein	24	.	.	.	170	189	.	.	.	224	.	264	.	.
Grootfontein, S.W.A.	.	123	130	.	.	.	.	.	.	.	.	.	326	.
Grootfonteinberg	62	.	.	.	.	.	.	.	.	229	.	308	.	.
Hartebeestpoort (Brits)	.	.	.	155	179	.	.	.	.	.	.	302	.	.
Haruchas, S.W.A.	.	.	.	161	.	.	.	.	.	.	.	.	320	.
Havelock Mine, Swaz.	.	.	.	158	.	.	.	.	.	.	.	304	.	.
Heldervue	.	89	125	.	.	.	.	.	.	.	.	254	.	.
Henkriesfontein	.	.	.	145	.	.	.	.	.	.	.	278	.	.
Hillside Farm	.	89	125	.	168	.	.	.	.	.	.	.	.	.
Hlatikulu, Swaz.	.	.	.	151	.	.	.	.	.	.	.	296	.	.
Hoopstad	44	.	.	.	175	.	.	.	.	226	.	288	.	.

BLADWYSER 1959 INDEX

STASIE - STATION	Bladsye													
	Pages													
	TABELLE											TABLES		
	I	IIA	IIB	III	IV	V	VIA	VIB	VIC	VII	VIII	IXA	IXB	IXC
Idutywa	.	92	.	.	.	.	.	.	.	.	.	260	.	.
Imperani	.	.	.	145	.	.	.	.	.	.	.	282	.	.
Jansenville	14	.	.	.	168	187	.	.	.	223	.	256	.	.
Jan Smuts (Johannesburg)	54	.	.	.	.	198	207	214	220	228	.	298	.	.
Johannesburg (City Deep G.M.)	.	.	.	153	.	.	.	.	.	.	.	298	.	.
Johannesburg (Jan Smuts)	54	.	.	.	.	198	207	214	220	228	.	298	.	.
Johannesburg (Joubert Park)	.	113	128	.	.	.	.	.	.	.	.	298	.	.
Jonkershoek	.	.	.	134	.	.	.	.	.	.	.	248	.	.
Kaappunt (Cape Point)	2	.	.	.	.	.	.	.	.	.	.	246	.	.
Kaapstad (D.F. Malan)	6	.	.	.	.	184	204	211	218	222	232	248	.	.
Kalkfonteindam	.	.	.	144	.	.	.	.	.	.	.	276	.	.
Kangogrotte	.	.	.	136	168	186	.	.	.	223	.	252	.	.
Kanye, Bech.	.	.	.	161	.	.	.	.	.	.	.	306	.	.
Kareekloof	.	.	.	141	.	.	.	.	.	.	.	272	.	.
Kasane, Bech.	.	.	.	166	.	.	.	.	.	.	.	316	.	.
Keetmanshoop, S.W.A.	48	.	.	.	176	197	207	214	220	227	239	.	318	.
Kenhardt	.	98	126	.	.	.	.	.	.	.	.	276	.	.
Kimberley	40	.	.	.	173	195	206	213	219	226	237	280	.	.
Kirstenbosch (Cape Town)	.	.	.	132	167	.	.	.	.	.	.	248	.	.
Kokstad	26	.	.	.	171	.	.	.	.	224	.	.	.	.
Komatipoort	.	117	.	.	.	.	.	.	.	.	.	306	.	.
Koopmansfontein	.	106	127	.	174	.	.	.	.	.	.	284	.	.
Kroonstad (Landbou/Agric.)	.	.	.	148	175	196	.	.	.	227	.	288	.	.
Kroonstad (Park)	.	109	.	.	.	.	.	.	.	.	.	288	.	.
Krugersdorp	.	.	.	152	.	.	.	.	.	.	.	298	.	.
Kuruman	46	.	.	.	175	.	.	.	.	227	.	290	.	.
Ladysmith	.	104	.	.	.	.	.	.	.	.	.	282	.	.
Lake Mentz	.	.	.	136	.	.	.	.	.	.	.	254	.	.
Langgewens	.	.	.	135	.	186	.	.	.	.	.	252	.	.
Leribe, Bas.	.	102	.	.	.	.	.	.	.	.	.	282	.	.
Lichtenburg	.	.	.	152	.	.	.	.	.	.	.	296	.	.
Likalaneng, Bas.	.	101	.	.	.	.	.	.	.	.	.	278	.	.
Lindley	.	109	128	.	.	.	.	.	.	.	.	288	.	.
Lindleyspoort	.	.	.	159	.	.	.	.	.	.	.	304	.	.
Loch Lomond (Bethlehem)	42	.	.	.	174	195	.	.	.	226	.	286	.	.
Long Elmsel	.	.	.	142	.	.	.	.	.	.	.	274	.	.
Loskopdam	.	.	.	159	.	.	.	.	.	.	.	306	.	.
Losperfontein	.	.	.	154	.	.	.	.	.	.	.	302	.	.
Louis Botha (Durban)	34	.	.	.	.	193	205	212	219	225	234	276	.	.
Lower Farm Santa	.	116	129	.	.	.	.	.	.	.	.	.	.	.
Luderitz Bay (Diaz Point), S.W.A.	48	.	.	.	.	.	.	.	.	227	.	.	318	.
Lydenburg	.	116	129	.	.	.	.	.	.	.	.	306	.	.
Maclear's Beacon	.	.	.	.	.	.	.	.	.	.	.	248	.	330
Macuville	.	.	.	164	.	.	.	.	.	.	.	316	.	.
Mafeking	56	.	.	.	178	199	208	215	220	228	.	300	.	.
Mafeteng, Bas.	.	96	.	.	.	.	.	.	.	.	.	274	.	.
Mahalapye (Landbou/Agric.), Bech.	.	.	.	164	.	.	.	.	.	.	.	312	.	.
Mahalapye (Dorp/Town), Bech.	.	119	.	.	.	.	.	.	.	.	.	312	.	.
Mancorp Mine (Postmasburg)	.	105	127	.	.	.	.	.	.	.	.	284	.	.
Manzini (Bremersdorp), Swaz.	.	114	129	.	178	.	.	.	.	228	.	300	.	.
Mara	70	.	.	.	182	202	.	.	.	230	.	314	.	.
Marico Bosveld	.	.	.	159	.	.	.	.	.	.	.	304	.	.

BLADWYSER 1959 INDEX

STASIE - STATION	Bladsy / Pages													
	TABELLE / TABLES													
	I	IIA	IIB	III	IV	V	VIA	VIB	VIC	VII	VIII	IXA	IXB	IXC
Mariental, S.W.A.	.	117	129	.	.	.	.	.	.	.	.	.	320	.
Marion	80	.	.	.	183	.	210	217	221	231	245	316	.	.
Marnitz	70	.	.	.	182	.	.	.	.	230	.	314	.	.
Maseru, Bas.	.	100	127	.	173	.	.	.	.	225	.	278	.	.
Matroosberg	12	.	.	.	168	186	.	.	.	222	.	252	.	.
Maun, Bech.	76	.	.	.	.	203	209	216	221	231	244	316	.	.
Mdutshane, Swaz.	.	112	.	.	.	.	.	.	.	.	.	296	.	.
Messina	74	.	.	.	.	203	.	.	.	230	.	316	.	.
Mistley	.	101	127	.	.	.	.	.	.	226	.	278	.	.
Mochudi, Bech	.	.	.	162	.	.	.	.	.	.	.	310	.	.
Modderpoort	.	99	127	.	.	.	.	.	.	.	.	278	.	.
Mokhotlong, Bas.	.	.	.	144	.	.	.	.	.	.	.	278	.	.
Molepolole, Bech.	.	.	.	162	.	.	.	.	.	.	.	310	.	.
Montagu	.	85	.	.	.	.	.	.	.	.	.	248	.	.
Mossel Bay (Cape St. Blaize)	4	.	.	.	.	.	.	.	.	.	.	246	.	.
Mount Edgecombe	.	97	.	.	172	193	.	.	.	225	.	276	.	.
Mount Frere	.	94	.	.	.	.	.	.	.	.	.	268	.	.
M'Pisi, Swaz.	.	.	.	153	.	.	.	.	.	.	.	300	.	.
Muden	.	.	.	146	.	.	.	.	.	.	.	282	.	.
Nelspruit	.	.	.	160	180	200	.	.	.	229	.	306	.	.
Neudam (Agr. Coll.), S.W.A.	.	120	129	.	182	.	.	.	.	.	.	.	322	.
New Amalfi	.	.	.	141	.	.	.	.	.	224	.	272	.	.
Newcastle	44	.	.	.	175	196	.	.	.	227	.	290	.	.
Nietvoorby	.	.	.	136	.	.	.	.	.	.	.	252	.	.
Nooitgedacht (Ermelo)	.	111	128	.	177	198	.	.	.	228	.	296	.	.
Northdene	.	.	.	143	.	.	.	.	.	.	.	274	.	.
Okahandja, S.W.A.	.	121	130	.	.	.	.	.	.	.	.	.	324	.
Okaukuejo, S.W.A.	.	123	130	.	.	.	.	.	.	.	.	.	326	.
Ondangua, S.W.A.	.	124	130	.	.	.	.	.	.	.	.	.	328	.
Onderstepoort	.	.	.	156	.	.	.	.	.	229	.	302	.	.
Okiep	30	.	.	.	171	191	.	.	.	225	.	272	.	.
Oranjerivier	.	95	126	.	.	.	.	.	.	.	.	272	.	.
Otavi, S.W.A.	.	122	130	.	.	.	.	.	.	.	.	.	326	.
Otjiwarongo, S.W.A.	.	122	130	.	.	.	.	.	.	.	.	.	326	.
Oudtshoorn	.	86	125	.	.	.	.	.	.	.	.	250	.	.
Outjo, S.W.A.	.	121	130	.	.	.	.	.	.	.	.	.	326	.
Ox-Bow, Bas.	.	103	127	.	.	.	.	.	.	226	.	282	.	.
Paarl	.	.	.	134	167	.	.	.	.	.	.	248	.	.
Paddock	.	.	.	139	.	.	.	.	.	.	.	270	.	.
Paulpietersburg (Welverdiend)	.	.	.	149	.	.	.	.	.	.	.	292	.	.
Pelican Point, S.W.A.	72	.	.	.	.	.	.	.	.	.	.	.	322	.
Phalaborwa	68	.	.	.	182	202	.	.	.	230	.	312	.	.
Pietermaritzburg (Mun.)	.	.	.	143	.	.	.	.	.	.	.	.	.	.
Pietermaritzburg (Allerton)	.	.	.	142	.	.	.	.	.	.	.	274	.	.
Pietersburg	68	.	.	.	.	201	208	216	221	230	242	312	.	.
Piet Retief	52	.	.	.	177	198	.	.	.	228	.	296	.	.
Pofadder	36	.	.	.	173	194	.	.	.	225	.	276	.	.
Pongola	46	.	.	.	175	.	.	.	.	227	.	292		.
Port Elizabeth (Weerkantoor)	10	.	.	.	168	185	204	211	218	222	233	250	.	.
Port Nolloth	34	.	.	.	.	193	.	.	.	.	.	276	.	.
Port Shepstone	28	.	.	.	.	190	.	.	.	.	.	270	.	.
Port St. Johns (Cape Hermes)	20	.	.	.	.	.	.	.	.	.	.	264	.	.

BLADWYSER 1959 INDEX

STASIE - STATION	Bladsye / Pages													
	TABELLE / TABLES													
	I	IIA	IIB	III	IV	V	VIA	VIB	VIC	VII	VIII	IXA	IXB	IXC
Postmasburg (Mancorp Mine)	.	105	127	.	.	.	.	.	.	.	.	284	.	.
Potchefstroom (Landbou/Agric.)	50	.	.	.	176	197	.	.	.	227	.	294	.	.
Potgietersrus	66	.	.	.	181	.	.	.	.	230	.	310	.	.
Pretoria (Corundum Obs/ Proclamation Hill)	.	.	.	155	179	.	.	.	.	228	.	302	.	.
Pretoria (Dieretuin/Zoo)	.	.	.	156	.	.	.	.	.	.	.	302	.	.
Pretoria (Sewage/Riool)	.	.	.	155	179	.	.	.	.	.	.	302	.	.
Pretoria (Univ. Agr.)	.	.	.	156	179	.	.	.	.	.	.	302	.	.
Pretoria (Weerburo)	58	.	.	.	179	.	208	215	220	229	240	302	.	.
Priesska	30	.	.	.	171	191	.	.	.	225	.	272	.	.
Pusella (Tzaneen)	.	119	129	.	.	.	.	.	.	.	.	312	.	.
Qacha's Nek, Bas.	.	.	.	140	.	.	.	.	.	.	.	272	.	.
Queenstown (Park)	.	.	.	139	169	.	.	.	.	.	.	262	.	.
Queenstown	18	.	.	.	169	.	.	.	.	223	.	262	.	.
Quthing, Bas.	.	.	.	140	.	.	.	.	.	.	.	272	.	.
Rietrivier	.	99	127	.	173	.	.	.	.	.	.	276	.	.
Rietvlei (Irene)	.	.	.	157	179	.	.	.	.	.	.	302	.	.
Riversdale	.	84	.	.	.	.	.	.	.	.	.	246	.	.
Riverview	.	107	128	.	.	.	.	.	.	.	.	286	.	.
Robertson	8	.	.	.	167	185	.	.	.	222	.	248	.	.
Roodeplaat	60	.	.	.	179	200	.	215	220	229	241	302	.	.
Rooibokkop	.	118	.	.	.	.	.	.	.	.	.	308	.	.
Royal Natal National Park	.	.	.	145	.	.	.	.	.	.	.	282	.	.
Runtu, S.W.A.	.	.	.	165	.	.	.	.	.	.	.	.	328	.
Rustenburg	58	.	.	.	178	199	.	.	.	228	.	300	.	.
Rustfonteindam	.	.	.	144	.	.	.	.	.	.	.	278	.	.
Saulspoort	.	115	.	.	.	.	.	.	.	.	.	304	.	.
Sekakes, Bas.	.	95	126	.	.	.	.	.	.	.	.	272	.	.
Shakawe, Bech.	78	.	.	.	183	.	.	.	.	231	.	316	.	.
Sishen	.	.	.	148	.	.	.	.	.	.	.	286	.	.
Skukuza	.	.	.	162	.	.	.	.	.	.	.	310	.	.
Smithfield	.	.	.	139	.	.	.	.	.	.	.	270	.	.
Somerset East (Gill Coll.)	.	90	125	.	.	.	.	.	.	.	.	256	.	.
Somerset West (Dyn. Fact.)	.	.	.	131	.	.	.	.	.	.	.	246	.	.
Spes Bona	.	88	125	.	.	.	.	.	.	.	.	252	.	.
Steenbrasdam	.	84	125	.	.	.	.	.	.	.	.	246	.	.
Stellenbosch (Welgevallen)	.	.	.	133	.	.	.	.	.	.	.	248	.	.
Stompneusbaai	.	.	.	.	.	.	.	.	.	223	.	.	.	.
Surprise Store	.	107	128	.	.	.	.	.	.	.	.	286	.	.
Table Mountain House	6	.	.	.	167	.	.	.	.	222	.	248	.	330
Teyateyaneng, Bas.	.	100	.	.	.	.	.	.	.	.	.	278	.	.
Thabazimbi	.	.	.	161	.	.	.	.	.	.	.	308	.	.
Thabina	.	.	.	163	.	.	.	.	.	.	.	312	.	.
Three Anchor Bay	.	.	.	132	.	.	.	.	.	.	.	246	.	.
Tokai	.	.	.	131	.	.	.	.	.	.	.	246	.	.
Towoomba	.	118	129	.	180	200	.	.	.	229	.	308	.	.
Tristan da Cunha	80	.	.	.	.	.	209	217	221	231	.	316	.	.
Tsabong, Bech.	52	.	.	.	177	.	.	.	.	228	.	296	.	.
Tsane, Bech.	64	.	.	.	181	.	.	.	.	230	.	310	.	.
Tsumeb, S.W.A.	78	.	.	.	.	203	.	.	.	.	.	.	326	.
Tzaneen (Pusella)	.	119	129	.	.	.	.	.	.	.	.	312	.	.

BLADWYSER 1959 INDEX

STASIE - STATION	Bladsye											Pages		
	TABELLE											TABLES		
	I	IIA	IIB	III	IV	V	VIA	VIB	VIC	VII	VIII	IXA	IXB	IXC
Uitenhage	.	.	.	135	.	.	.	.	.	.	.	250	.	.
Ukulinga	.	97	126	.	172	.	.	.	.	.	.	274	.	.
Umbogintwini	.	.	.	141	.	.	.	.	.	224	.	272	.	.
Umgenidam	.	.	.	143	.	.	.	.	.	.	.	274	.	.
Umtata	20	.	.	.	170	189	.	.	.	223	.	264	.	.
Upington (Landbou/Agric.)	.	105	127	.	174	.	.	.	.	.	.	282	.	.
Upington (Weerkantoor)	40	.	.	.	.	195	207	214	219	226	238	282	.	.
Vaalhartz	.	108	128	.	174	.	.	.	.	.	.	288	.	.
Vanderbylpark	.	.	.	150	.	.	.	.	.	.	.	294	.	.
Vanwyksvlei	28	.	.	.	171	191	.	.	.	224	.	270	.	.
Vereeniging	.	.	.	151	176	.	.	.	.	.	.	294	.	.
Victoria West	22	.	.	.	.	.	.	.	.	.	.	264	.	.
Virginia	.	106	128	.	174	.	.	.	.	.	.	284	.	.
Voigtsgrund, S.W.A.	.	.	.	160	.	.	.	.	.	.	.	.	320	.
Volksrust	.	.	.	149	.	.	.	.	.	.	.	292	.	.
Vredendal	16	.	.	.	169	188	.	.	.	223	.	260	.	.
Vryburg (Armoedsvlakte)	50	.	.	.	176	197	.	.	.	227	.	294	.	.
Vuma Farm	.	.	.	147	174	.	.	.	.	.	.	282	.	.
Wakkerstroom	.	110	128	.	.	.	.	.	.	.	.	292	.	.
Warmbad, S.W.A.	.	104	127	.	.	.	.	.	.	.	.	.	318	.
Waterval-Bo	.	.	.	158	.	.	.	.	.	.	.	304	.	.
Welgevallen (Stellenbosch)	.	.	.	133	.	.	.	.	.	.	.	248	.	.
Welkom (Aeradio)	.	108	128	.	.	.	.	.	.	.	.	288	.	.
Wellington	.	85	.	.	.	.	.	.	.	.	.	248	.	.
Welverdiend (Paulpietersburg)	.	.	.	149	.	.	.	.	.	.	.	292	.	.
Wepener	32	.	.	.	172	192	.	.	.	225	.	274	.	.
Whites	.	.	.	147	.	.	.	.	.	.	.	284	.	.
Willow Park	.	93	.	.	170	.	.	.	.	224	.	266	.	.
Windhoek, S.W.A.	72	.	.	.	182	202	209	216	221	230	243	.	322	.
Woodbush	.	.	.	163	.	.	.	.	.	.	.	312	.	.
Zeerust	56	.	.	.	178	.	.	.	.	.	.	300	.	.
Zuurbekom	.	.	.	152	.	.	.	.	.	.	.	298	.	.
Zwartkopjes	.	.	.	153	177	.	.	.	.	.	.	298	.	.

J A A R V E R S L A G 1 9 5 9

VERKLARENDE AANTEKENINGE:

In die Weerburo van die Republiek van Suid-Afrika is dit gebruiklik om weerstasies in vier hoofgroepe te rangskik, naamlik:-

(1) Eerste Orde Weerstasies, wat beman word óf deur voltydse personeel van die Weerburo (Weerkantore) óf deur Deeltydse Weerkundige Beamptes, en waar waarnemings vir klimatologiese doeleindes tenminste driemaal per dag gemaak word, d.w.s. op die hoofwaarnemingsure, naamlik 8 vm. (0800), 2 nm. (1400) en 8 nm. (2000) Suid-Afrikaanse Standaard Tyd.

Benewens 'n kwik-barometer en die gewone toerusting bestaande uit 'n Stevensonskerm met vier termometers (droëbol, natbol, maksimum en minimum) en 'n Standaard Reënmeter, is die eerste orde weerstasies omtrent almal toegerus met outografiese instrumente vir die registrering van Lugdruk, Temperatuur, Relatiewe Vogtigheid, Sonskynduur en Reënval; ook Windrigting en -spoed by 17 weerkantore. (Vanweë kwaai verwering, kry Vuurtorings nie al die outografiese instrumente nie). By sommige eerste orde weerstasies word daar ook Bolugpeilings deur middel van vliegtuie of radiosondes gemaak en by enkeles is daar die nodige toerusting vir die meting van Straling. By meeste van hierdie stasies word Grondtemperature (op verskeie dieptes) asook Grasminimum-temperature gemeet.

(2) Tweede Orde Weerstasies, waar vrywillige medewerkers tweemaal per dag op die hoofwaarnemingsure 8 vm. en 2 nm. (0800 en 1400) S.A.S.T. waarnemings maak. Benewens die gewone toerusting is party van hierdie stasies ook met een of meer outografiese instrumente toegerus (meestal 'n termograaf, higrograaf, barograaf, sonskynmeter of outografiese reënmeter); die meeste landbouproefstasies wat in hierdie klas val, is ook toegerus met 'n stel grondtermometers (meestal 5 dieptes) en 'n grasminimum-termometer.

(3) Derde Orde Weerstasies, waar vrywillige werkers net eenmaal per dag waarnemings maak, naamlik om 0800 S.A.S.T. Die gewone toerusting is by enkeles uitgebrei met een of twee outografiese instrumente (meestal net 'n termograaf) en enkeles het ook grondtermometers en 'n grasminimumtermometer; die meeste het geen droë-en natbol-psigrometers nie.

(4) Reënvalstasies, waar vrywillige werkers net neerslag eenmaal per dag om 0800 S.A.S.T. meet.

Weens die toenemende nywerheidsaktiwiteit in die Republiek het die aanvraag vir uitgebreide en breedvoerige Weerkundige en Klimatologiese gegewens steeds toegeneem. Om hierdie rede is die materiaal

A N N U A L R E P O R T 1 9 5 9

EXPLANATORY NOTES:

It is the practice in the Weather Bureau of the Republic of South Africa to classify weather stations in four main groups, namely:-

(1) First Order Weather Stations, which are either manned by full-time personnel of the Weather Bureau (Weather Offices) or by Part-time Meteorological Officers, and where observations for climatological purposes are made at least three times daily, i.e. at the main observation hours, namely: 8 a.m. (0800), 2 p.m. (1400) and 8 p.m. (2000) South African Standard Time.

Besides a mercury barometer and the usual equipment comprising a Stevenson Screen with four thermometers (dry bulb, wet bulb, maximum and minimum) and a Standard Raingauge, nearly all first order weather stations are equipped with autographic instruments for recording Pressure, Temperature, Relative Humidity, Sunshine Duration and Rainfall; also Wind Direction and Speed at 17 weather offices. (Owing to severe corrosion, Lighthouses are not equipped with all the autographic instruments). At some first order weather stations Upper Air Ascents are made by means of aircraft or radiosondes and Solar Radiation equipment is also maintained at a few. At most of these stations Soil Temperatures (at various depths) as well as Grass Minimum temperatures are measured.

(2) Second Order Weather Stations, where observations are made twice daily at 8 a.m. and 2 p.m. (0800 and 1400) S.A.S.T. by voluntary co-operative workers. In addition to the usual equipment some of these stations are also equipped with one or more autographic instruments (usually a thermograph, hygrograph, barograph, sunshine recorder or an autographic raingauge); agricultural experimental farms falling in this category are also equipped with a set of soil thermometers (usually 5 depths) and a grass minimum thermometer.

(3) Third Order Weather Stations, where observations are carried out once a day at 0800 S.A.S.T. by voluntary workers. Some stations are equipped with one or two autographic instruments (usually only a thermograph) in addition to the usual equipment and a few also have soil thermometers and a grass minimum thermometer; most of them have no dry and wet bulb psychrometers.

(4) Rainfall Stations, where only precipitation is measured once daily at 0800 S.A.S.T. by voluntary co-operative workers.

As the demand for divers and detailed Meteorological and Climatological information has increased constantly, mainly due to increasing industrial activity in the Republic, the material presented in

in hierdie verslag so volledig moontlik gegee om sodoende te kan voorsien in die mees dringende behoeftes.

Sedert 1953 bevat die Jaarverslae net die daaglikse totale van die Totale en Diffuse Stralingswaardes. Die uurlikse waardes vir elke dag verskyn sedertdien apart in die Driemaandelikse Stralingsbulletin vir Afrika.

In hierdie verslag word daar vir 60 stasies Pentadewaardes van Lugtemperatuur, Sonskynduur en Reënval verstrek. Hierdie tabelle word ingesluit om te voldoen aan sekere aanbevelings van die Kommissie vir Landbouweerkunde van die Wêreld Weerkundige Organisasie.

Die tabelle vir Sonskynduur sluit ook die frekwensie van sekere klasse "Sonskyndae" in.

BELANGRIKE WYSIGINGS:

Sedert 1956 word die uurlikse waardes van Lugtemperatuur en Betreklike Vogtigheid wat sedert 1951 vir sekere stasies vir elke dag verstrek is, nie meer in die Jaarverslae ingesluit nie. Hierdie gegewens word egter in aparte publikasies aangebied. Die gemiddelde waardes vir elke maand en die jaar sal egter nog verstrek word asook die van Lugdruk.

Benewens die ander klimaatdata vir eerste orde stasies, verstrek hierdie verslag ook die frekwensies van windrigting en windspoed asook die gemiddelde windspoed vir elkeen van die hoofrigtings, vir elke maand en die jaar. Vir tweede orde stasies word alleen die frekwensies vir elkeen van die ag hoofrigtings gegee, maar om ruimte te bespaar volg laasgenoemde eers na die einde van die klimaatdata (Sien Tabel IIB).

In hierdie en volgende verslae word daar deur middel van kodeletters by die grondtemperature 'n baie rowwe aanduiding gegee van die grond waarin die grondtemperature gemeet word. Tot tyd en wyl die gronde wetenskaplik ontleed is, word hierdie rowwe aanduiding baseer op die persoonlike oordeel van onopgeleide beamptes wat die stasies besoek het. Dit mag egter nog lank duur alleer meer spesifieke aanduidings gegee kan word en om aan sekere aanbevelings van die Wêreld Weerkundige Organisasie te voldoen, word hierdie voorlopige aanduidings solank gegee.

In hierdie en volgende verslae word die daaglikse en maandelikse resultate van Bolugpeilings nou weggelaat. Die data sal voortaan in 'n aparte publikasie verstrek word.

Die Tabelle is gerangskik soos aangedui in die algemene inhoudsopgawe, direk waarna daar 'n Tabelbladwyser volg vir 1e, 2e en 3e orde stasies. Die gebruiklike bladwyser vir Reënvalstasies is vanaf 1951 vervang deur die Sleutelkaart van reënvalseksies (teenoor bladsy 330).

'n Leser wat die reënval vir enige deel van die land wil naslaan, hoef dus net die sleutelkaart te raadpleeg, te besluit in watter seksies hy belangstel en dan daardie nommers in die Reënvaltabel (bladsye 246 tot 329) na te slaan. Reënvalstasienommers is tweeledig: die eerste deel het betrekking op die seksie, soos aangedui op die sleutelkaart, en die tweede op die stasie se posisie binne daardie seksie, soos reeds in vorige Jaarverslae vanaf 1946 tot 1950 verduidelik is.

Die gegewens vir Suidwes-Afrika word sedert 1951 ook in hierdie verslae opgeneem.

this report has been given as fully as possible in order to cope with the more pressing demands made upon the Weather Bureau.

Since 1953 the Annual Reports contain only the daily totals of Total and Diffuse Solar Radiation values. The hourly values for each day have since been published separately in the Quarterly Radiation Bulletin for Africa.

In this report Pentade values of Air Temperature, Sunshine Duration and Rainfall for 60 stations are given. These tables are included in order to comply with certain recommendations of the Commission for Agricultural Meteorology of the World Meteorological Organization.

The table for Sunshine Duration also includes the frequency of certain catagories of "Sunshine days."

IMPORTANT ALTERATIONS:

Since 1956 Annual Reports no longer contain the hourly values of Air Temperature and Relative Humidity which have been supplied in extenso for certain stations since 1951. These values are made available in separate publications. The mean values for each month and the year will, however, still be published as well as those for Atmospheric Pressure.

In addition to the other climate data for first order stations, the frequencies of wind direction and wind-speed have been added as well as the mean wind-speed for each of the main directions, for each month and the year. For second order stations the frequencies for only the eight main directions are given and to save space the latter follow after the climate data (see Table IIB).

In this and subsequent reports a very rough indication of the soil in which soil temperatures are measured, will be given by means of code letters. Until such time when the soils have been scientifically analised this rough indication will be based on the personal opinion of untrained personnel visiting the stations. As much time may elapse before specific indications can be given, these rough indications are being given in the meantime in order to comply with certain recommendations of the World Meteorological Organization.

In this and subsequent reports the daily and monthly results of Aerological Soundings are now omitted. The data will henceforth be published separately.

The tabular matter is arranged as shown in the general index and a Tabular Page Index to the weather stations of the 1st, 2nd and 3rd order follows that index. The usual index for Rainfall Stations was replaced by a Key Map to rainfall sections in 1951 (opposite page 330).

A reader who wishes to find the rainfall for any particular part of the country merely has to consult the key map, decide in which sections he is interested and turn to those numbers in the Rainfall Table (pages 246 to 329). Rainfall station numbers consist of two parts, the first referring to the section, shown on the key map, and the second part referring to the position of the station within the section as explained in former annual reports for the years 1946 to 1950.

Since 1951 the data for South West Africa are also included in these reports.

BESONDERHEDE VAN METINGS:

Eenhede: In Augustus 1950 het die Minister van Vervoer sy toestemming verleen vir die oorskakeling na metrieke eenhede vir die meet van reënval en temperatuur. Gevolglik is daar besluit om alle weerkundige verslae vanaf 1 Januarie 1951 in die nuwe eenhede te publiseer. Hierdie verslag is dus reeds die negende Jaarverslag waarin die nuwe eenhede deurgaans gebruik word.

Direk na hierdie aantekeninge volg daar tabelle vir die omsetting van:-

(1) Millimeters na Duime,
(2) Grade Celsius na Grade Fahrenheit,
(3) Meters na Voet,
(4) Meters per Sekonde na Myl per Uur.

Tyd: Tensy anders bo-aan 'n tabel vermeld, verwys alle tye in hierdie verslag altyd na Suid-Afrikaanse Standaard Tyd (Meridiaan 30°E) wat Greenwich Gemiddelde Tyd met 2 uur voorruitloop. Die standaard waarnemingsure is 0800, 1400 en 2000 uur S.A.S.T. Vir Sinoptiese en Lugvaartdoeleindes word daar by sekere uitgesoekte weerstasies ook nog waarnemings op sekere ander tye gedoen maar hulle word nie in hierdie verslae opgesom nie.

Lugdruk: Gemiddelde Lugdruk word tot die naaste 100 of 50 geopotensiale metervlak herlei. Die bepaalde niveau vir elke stasie word bo-aan die betrokke tabel vermeld, soos volg:-

by .....GPM

Uurlikse Lugdrukke word verkry van die kurwes van daaglikse mikrobarograwe wat met behulp van twee of meer daaglikse lesings van 'n kwikbarometer gekorrigeer is.

Temperatuur: By alle weerstasies word die Lugtemperatuur gemeet in 'n Stevenson-skerm wat nie kunsmatig geventileer word nie en waarin daar 'n kwik maksimum-, 'n alkohol minimum-termometer en 'n droë- en natbol-psigrometer opgestel is. Die psigrometer is so opgestel dat die bolle van die termometers 1.2 meter bo die grondoppervlakte is.

Uurlikse lugtemperature word van die kurwes van termohigrograwe verkry wat in Stevenson-skerms opgestel is. Die kurwes word met behulp van die lesings van die maksimum- en minimum-termometers gekorrigeer.

By alle stasies word die maksimum-termometers elke tydens die oggendwaarneming om 0800 S.A.S.T. afgelees en verstel; die lesing voor verstelling word altyd teenoor die vorige dag se datum geboekstaaf.

Die minimum-termometer word ook altyd om 0800 S.A.S.T. afgelees en verstel maar die lesing word teenoor die datum van aflesing geboekstaaf; by 1e en 2e orde stasies word hierdie termometer nogeens om 1400 S.A.S.T. afgelees en verstel en die lesings word weereens teenoor die datum van aflesing geboekstaaf. Dit word gedoen om te verseker dat die minimum-temperatuur vir 'n sekere datum, wat moontlik na 0800 S.A.S.T. kon plaasgevind het, tog geregistreer sal word. Dit is natuurlik onprakties by 3e orde stasies en gevolglik is die resultate by 3e orde stasies verkry, nie altyd streng vergelykbaar met die verkry by 1e en 2e orde stasies nie.

Grasminimum-temperature word verkry van 'n gewone alkohol minimum-termometer wat binne 'n glas-omhulsel gemonteer en horisontaal bo kort-geknipte

DETAILS OF MEASUREMENTS:

Units: In August of the year 1950 the Minister of Transport gave his consent to the introduction of metric units for measuring rainfall and temperature. Consequently it was decided to publish all meteorological reports in the new units as from the 1st January, 1951. This is therefore, the ninth Annual Report which is published throughout in the new units.

Following directly on these explanatory notes there are conversion tables for converting:-

(1) Millimetres to Inches,
(2) Degrees Celsius to Degrees Fahrenheit,
(3) Metres to Feet,
(4) Metres per Second to Miles per Hour.

Time: Unless otherwise stated in the heading of a table, all times mentioned in this report always refer to South African Standard Time (meridian 30°E) which is 2 hours ahead of Greenwich Mean Time. The standard observation hours are 0800, 1400 and 2000 S.A.S.T. For Synoptic and Aviation purposes selected stations also make observations at certain other times but these are not summarized in these reports.

Pressure: Mean Pressure values are reduced to the nearest 100 or 50 geopotential metre level. The relevant level for each station is given in the heading of the table, thus:-

at .....GPM

Hourly values of Pressure are obtained from the traces of daily microbarographs which are corrected by means of two or more daily readings of a mercury barometer.

Temperature: At all weather stations, air temperature is measured in a Stevenson Screen, which is not artificially ventilated and houses a maximum (mercury) and minimum (alcohol) thermometer and a dry and wet bulb psychrometer. The psychrometer is exposed so that the thermometer bulbs are 1.2 metres above ground level.

Hourly temperatures are obtained from the traces of thermohygrographs exposed in Stevenson Screens. The traces are corrected by means of the readings of the maximum and minimum thermometers.

At all stations the maximum thermometers are read and reset only at the morning observation (0800 S.A.S.T.) and the readings observed before resetting are always recorded against the previous date.

The minimum thermometer is also read and reset at 0800 S.A.S.T. but the readings are entered against the actual date of reading: at 1st and 2nd order stations this thermometer is again read and reset at 1400 S.A.S.T. to ensure that the minimum temperature for a particular date is always recorded even though it may have occurred after 8 a.m. in the morning. The readings are again recorded against the actual date of reading. This second reading of the minimum thermometer is of course not practicable at 3rd order stations, so that the results obtained from 3rd order stations are not always strictly comparable with those obtained from 1st and 2nd order stations.

Grass Minimum Temperatures are obtained by means of an ordinary sheathed alcohol minimum thermometer exposed horizontally above short mown grass

gras opgestel is sodat sy bol ongeveer 5 cm bo die grondvlak is.

Grondtemperature by dieptes van 30 cm en meer word verkry met die gebruiklike Symons-tipe grondtermometers wat in staalbuise hang. Vir dieptes van minder as 30 cm word ingeplante kwiktermometers gebruik. Die kleur van die bogrond en die tipe en struktuur van die grond op verskillende dieptes word rofweg soos volg deur ag kodeletters aangedui:

(a) Die eerste paar kodeletters dui die kleur van die bogrond aan volgens Kode A hieronder.

(b) Die volgende drie pare kodeletters dui die tipe en struktuur van die grond onderskeidelik aan:

(i) tussen 0 en 30 cm,
(ii) tussen 30 en 60 cm,
(iii) tussen 60 en 120 cm,

en wel volgens Kode B hieronder:-

KODE A		CODE A
Amberkleurig	AA	Amber
Blou	BB	Blue
Donkerblou	BD	Dark Blue
Ligblou	BL	Light Blue
Vaalblou	BV	Blue dun
Donkergeel	GD	Dark Yellow
Geel	GG	Yellow
Liggeel	GL	Light yellow
Sjokoladebruin	NC	Chocolate-brown
Donkerbruin	ND	Dark brown
Geelbruin (Oker)	NG	Yellowish-brown (Ochre)
Kastanjebruin	NK	Chestnut-brown
Ligbruin	NL	Light brown
Bruin	NN	Brown
Oranjebruin	NO	Orange-brown
Rooibruin	NR	Reddish-brown
Vaalbruin	NV	Greyish-brown
Donkeroranje	OD	Dark orange
Oranje	OO	Orange
Ligoranje	OL	Light orange
Donkerrooi	RD	Dark Red
Ligrooi	RL	Light red
Oranjerooi	RO	Orange-red
Karmosynrooi (Persrooi)	RP	Crimson
Rooi	RR	Red
Swart	SS	Black
Donkervaal	VD	Dark grey
Ligvaal	VL	Light grey
Vaal	VV	Grey
Vaalwit	VW	Whitish-grey
Wit	WW	White
Onbekend	XX	Unknown

Relatiewe Vogtigheid word van die droë- en natbol-psigrometer se lesings bereken met behulp van Jelinek se tabelle vir ligte wind, wat vir gebruik in Suid-Afrika aangepas is. In hierdie tabelle word die verhouding tussen die dampdruk (e), die versadigde dampdruk by die temperatuur van die natbol ($e_{t'}$) en die psigrometriese verskil (t-t') as volg aangeneem:-

$$e = e_{t'} - 0.0008\ (t-t') \text{ waar } t' > 0^{\circ}C \text{ en}$$

$$e = e_{t'} - 0.000706\ (t-t') \text{ waar } t' < 0^{\circ}C.$$

Wanneer t' benede vriespunt daal, word daar veronderstel dat die natbol met 'n yslagie bedek is. In die daaropvolgende berekening van die relatiewe vogtigheid, nl. $U = \frac{e}{e_t} x100$, is die versadigde dampdruk (e_t) oor suiwer vloeibare water egter in alle gevalle as maatstaf gebruik, ongeag of die droëbol-temperatuur bo of onder vriespunt was.

with its bulb approximately 5 cm above the soil.

Soil Temperatures at depths of 30 cm and more are obtained by means of the customary Symons pattern soil thermometers suspended in steel tubes. For depths of less than 30 cm, embedded mercury thermometers are used. The colour of the topsoil and the structure of the soil at various depths are roughly indicated by means of eight code letters as follows:-

(a) The first pair of code letters indicate the colour of the topsoil according to Code A below.

(b) The next three pairs of code letters indicate the type and structure of the soil respectively:

(i) between 0 and 30 cm,
(ii) between 30 and 60 cm,
(iii) between 60 and 120 cm,

according to Code B below:-

KODE B		CODE B
Kompakte Klei	CB	Hardpacked Clay
Klei	CC	Clay
Klipperige Klei	CK	Stony Clay
Lemerige Klei	CL	Loamy Clay
Potklei	CP	Potter's Clay
Sanderige Klei (Slik)	CS	Sandy Clay (Silt)
Turf (swart kleierige grond)	CT	Turf (black clayey soil)
Turf (Peat)	CZ	Turf (Peat)
Soliede Klipbank	GB	Solid Stone Reef
Gruis	GG	Gravel
Klipperige Gruis	GK	Stony gravel
Ouklip	GO	Gravelstone
Growwe Gruis	GR	Coarse Gravel
Sanderige Gruis	GS	Sandy Gravel
Kalkbank	HB	Limestonereef
Kalkgrond	HH	Limy Soil
Klipperige Kalkgrond	HK	Stony Limy Soil
Sanderige Kalkgrond	HS	Sandy Limy Soil
Kleierige Leem	LC	Clayey Loam
Klipperige Leem	LK	Stony Loam
Leem	LL	Loam
Sanderige Leem	LS	Sandy Loam
Sandsteen	SB	Sandstone
Kleierige sand	SC	Clayey sand
Fyn sand	SF	Fine sand
Klipperige sand	SK	Stony sand
Lemerige sand	SL	Loamy sand
Growwe sand	SR	Coarse sand
Sand	SS	Sand
Mika Schist	MZ	Mica Schist
Onbekend	XX	Unknown

Relative Humidity is calculated from the readings of the dry and wet bulb psychrometer using Jelinek's tables for light wind, adapted for use in South Africa. In these tables the relation between the vapour pressure (e), the saturated vapour pressure at the temperature of the wet bulb ($e_{t'}$) and the psychrometric difference (t-t') is taken as:-

$$e = e_{t'} - 0.0008\ (t-t') \text{ where } t' > 0^{\circ}C \text{ and}$$

$$e = e_{t'} - 0.000706\ (t-t') \text{ where } t' < 0^{\circ}C.$$

In the case of values of t' below freezing point the wet bulb was considered to be covered with ice. In the subsequent calculation of relative humidity viz. $U = \frac{e}{e_t} x100$, the saturation vapour pressure (e_t) over pure liquid water was adopted in all cases, whether or not the dry bulb temperature was below the freezing point.

As gevolg van die betreklike hoë temperature wat by meeste stasies oordag bereik word, kan die natboltermometer hom nie so vinnig as die droëbol-termometer aanpas by die vinnig-dalende temperatuur wat teen sononder ondervind word nie en gevolglik is die 2000 uur natbol-temperature meestal effens hoër as wat hulle behoort te wees. Hiervoor is daar egter geen korreksie toegepas nie.

Uurlikse waardes van relatiewe vogtigheid word verkry van die kurwes van termohigrograwe wat met behulp van die psigrometerlesings korrigeer is.

Reënval: Die standaard reënmeter wat in Suid-Afrika in gebruik is, het n deursnee van 127 mm en word op n staander gemonteer sodat die rand van die reënmetertregter horisontaal en 1.2 meter bo die grondoppervlakte is. Verdamping van reënwater uit die meter word beperk deur die spesiale nou opening van die opvangemmertjie wat self geheel en al binne die buitenste silinder ingesluit is. Ook is n klep ontwerp wat verdamping, behalwe deur die tregtertuit, heeltemal verhoed. Hierdie verbetering word geleidelik aan alle reënmeters wat deur die Weerburo beheer word, aangebring.

Sedert 1952 word die aantal reëndae nie meer in die reënvaltabelle (Tabelle IXA en IXB) gegee nie en wel omrede die meeste vrywillige waarnemers af en toe nalaat om elke dag se reënval te meet en sodoende verskillende dae se reën in die meter laat opgaar; die resultaat is dan dat die aantal reëndae in sulke gevalle foutief is. Die leser wat in die frekwensie van reëndae belangstel word verwys na tabelle I, IIA en III wat frekwensies van verskillende kategorieë van reëndae bevat. Terwyl die reënvalfrekwensies van 2e en 3e orde stasies, hoewel noukeurig nagesien, ook nog dikwels aan bogenoemde onsekerhede mank gaan, kan die van 1e orde stasies nietemin sonder voorbehoud aangeneem word.

Hoewel die aantal reëndae soms foutief mag wees, word hiermee geensins te kenne gegee dat die hoeveelhede ook onbetroubaar is nie; inteendeel, die maandelikse totale hoeveelhede is gewoonlik aannemlik en word derhalwe gepubliseer. Behalwe die maandelikse en jaarlikse totale word daar sedert 1955 ook nog reënvaltotale vir die seisoenjaar (gereken vanaf 1 Julie tot 30 Junie) asook aparte totale vir die vier kwartale beginnende op 1 Desember, ingesluit.

Daarbenewens word daar vir stasies waarvoor daar 30-jarige normale bestaan, ook die jaar-, seisoen- en kwartaaltotale as n persentasie van die normaal weergegee. Laasgenoemde normale verskyn in die publikasie "Klimaat van Suid-Afrika, Deel 2: Reënvalstatistieke (W.B. 20)."

Die Frekwensie van Dae met Donderstorms, Hael, Sneeu, Mis en dae waarop sekere temperatuurperke oorskry is, word volledig vir 1e orde weerstasies aangegee. By 2e orde stasies waar die waarnemings herhaaldelik op Sondae en Vakansiedae onderbreek is, word genoemde frekwensies (ook die van reëndae) nie ingesluit nie. Vir 3e orde weerstasies word alleen nog die frekwensies van reëndae en temperature ingesluit wanneer die waarnemings nie herhaaldelik onderbreek was nie. Die Frekwensie van dae met Donderstorms, Hael, Sneeu en Mis is bowendien alleen dan by die tabelle van 1e en 2e orde stasies ingesluit indien daar redelike sekerheid bestaan dat hierdie weerverskynsels gereeld waargeneem en getrou aangeteken is. Die volgende besonderhede word in die verband verstrek:-

(1) n "Dag met Donder" dui enige dag aan waarop daar donder by die weerstasie gehoor is, ongeag of daar een of meer donderstorms op so n dag verby die stasie getrek het.

Owing to the relatively high temperatures reached during the daytime at most stations, the wet bulb thermometer cannot adapt itself as rapidly to the fast falling temperature at sundown as the dry bulb thermometer and as a result the 2000 hour wet bulb temperatures are generally slightly higher than they should be. No correction, however, has been applied to these values.

Hourly values of relative humidity are obtained from the traces of thermohygrographs corrected with the aid of the psychrometer readings.

Rainfall: The standard raingauge used in South Africa, is 127 mm in diameter and is mounted on a stand so that the rim of the funnel is horizontal and 1.2 metres above ground level. Evaporation of rainwater from the gauge is reduced by having a small orifice to the collecting bucket and enclosing the latter completely within an outer shell. In addition a seal has been fitted which prevents evaporation except through the funnel tube. This device will eventually be fitted to all official gauges under the jurisdiction of the Weather Bureau.

In the rainfall tables (IXA and IXB) the number of rain days have been omitted since 1952, the reason being that most of the voluntary co-operative observers at some time or another fail to measure every fall and, therefore, often allow several days' rain to accumulate in the gauge, with the result that in such cases the number of rain days are incorrect. Readers who are interested in the frequency of rain days should turn to tables I, IIA and III which include frequencies of rain days in different categories. The rainfall frequencies at 2nd and 3rd order stations, however, though carefully checked, are also subject to the abovementioned uncertainties but those for 1st order stations may be accepted without reserve.

Although the number of rain days may sometimes be doubtful, this does not imply that the amounts are equally unreliable. On the contrary, the monthly total amounts are usually acceptable and are therefore published. In addition to the monthly and annual totals the total amounts of precipitation for the seasonal year from 1 July to 30 June and for the four quarters starting with 1 December, are also published in the 1955 and subsequent reports.

Furthermore, the annual, seasonal and quarterly totals, expressed as percentages of the normal, are also included for stations for which 30 year normals are available. These normals appear in the publication "Climate of South Africa, Part 2: Rainfall Statistics (W.B.20)."

Frequency of Days with Thunderstorms, Hail, Snow, Fog and days on which certain temperature limits were exceeded, are given in full for 1st order stations. At 2nd order stations these frequencies (including those of rain days) are not included when observations have been persistently missed on Sundays and Public Holidays. For 3rd order stations only the frequencies of rain days and temperatures are included provided observations were not missed persistently. The frequency of days with Thunderstorms, Hail, Snow and Fog are moreover only given in the tables of 1st and 2nd order stations if reasonable certainty exists that such phenomena were regularly observed and noted. The following particulars should be noted:-

(1) a "Day with Thunder" includes any day on which thunder was heard at a station, irrespective of whether or not more than one thunderstorm occurred at the station on that day.

(2) "Hael" sluit alle tipes van hael in afgesien van die intensiteit of skade berokken.
(3) "Sneeu" sluit yreën in.
(4) Dae met "Mis" is daardie dae waarop die maksimum horisontale sigafstand op een of ander tyd van die dag (meestal vroeg in die oggend) minder as 1000 meter was. Dit sluit nie vlak mis in nie.

Windgegewens:- By weerkantore word dit uurlike vanaf die grafieke van Dines Drukbuisanemograwe verkry. Hoewel Bien Donné maar net 'n tweede orde stasie is, word sy windgegewens, verkry vanaf die grafieke van 'n Dines Drukbuisanemograaf, hierby ingesluit. By ander 1e orde weerstasies is dit bereken uit die drie waarnemings per dag (om 0800, 1400 en 2000 uur S.A.S.T.) en by 2e orde weerstasies word die rigtingsfrekwensie verkry van twee waarnemings per dag (om 0800 en 1400 uur S.A.S.T.). Hierdie 1e orde en sommige 2e orde stasies is toegerus met Drukplaatwindmeters waarop die windrigting en windkrag met die oog afgelees moet word. Om hierdie rede word die windrigting slegs vir weerkantore vir 16 rigtings gegee en vir die ander stasies alleen vir ag hoofrigtings. Vir 2e orde stasies is die gemiddelde windspoed om verskeie redes nie ingesluit nie. Daar het egter reeds 'n publikasie "Klimaat van Suid-Afrika, Deel 6 - Oppervlakte Winde (W.B. 26)", verskyn, waarin die gegewens vir sulke stasies wat redelik betroubaar skyn te wees, wel opgeneem is.

Sonskynure en die Frekwensie van dae binne sekere perke van Sonskynduur, is verkry deur middel van Campbell-Stokes Sonskynmeters en hierdie kaarte is herlei volgens die gebruiklike standaard prosedure soos tans deur die Wêreld Meteorologiese Organisasie voorgeskryf. By die berekening van die persentasiewaardes het die "moontlike" sonskynduur in elke geval betrekking op die wat sou geld by die breedtegraad van die betrokke stasie en oor 'n horisontale vlak met 'n onbelemmerde horison en wolklose hemel.

Sonstraling: Die sistematiese registrering van totale (T) en diffuse (D) kortgolfstraling ontvang op 'n horisontale vlak, is gedurende 1959 by die volgende stasies volgehou: Alexanderbaai, Bloemfontein, Kaapstad (te D.F. Malan), Durban (te Louis Botha), Keetmanshoop, Maun, Port Elizabeth, Pretoria, Roodeplaat en Windhoek. Vir hierdie doel is die termo-elektriese solarimeter van Kipp en Zonen as standaard aanvaar; die registrering geskied met behulp van selfregistrerende mikro-amperometers met 'n dubbele stroombaan, soos vervaardig deur Hartmann en Braun.

Die oppervlakte van die termosuil van die D-solarimeter word deurgaans in die skadu van 'n ring gehou wat elke dag of so langs die pool-as verstel word om met die verandering van die son se deklinasie tred te hou.

Hierdie hoofregistrerings word aangevul met gegewens van daaglikse waardes van totale straling (T) verkry te Kimberley, Marioneiland, Pietersburg en Upington. Die instrument wat in hierdie sekondêre netwerk gebruik word, is die Robitzsch bimetaalaktinograaf vervaardig deur R. Fuess, Berlyn.

Die Internasionale Pirheliometriese Skaal 1956 (I.P.S. 1956) wat skwiwalent is aan die klassieke (ongekorrigeerde) Angström skaal plus 1.5%, is in die Weerburo in werking gestel met betrekking tot

(2) "Hail" includes all types of hail irrespective of intensity or damage done.
(3) "Snow" includes sleet.
(4) Days with "Fog" are considered as such if the maximum horizontal range of vision at some or other time of day (usually early morning) was less than 1000 metres. This does not include shallow fog.

Wind Data:- At weather offices these are obtained from the traces of Dines Pressure Tube Anemographs read off hourly. Although Bien Donné is only a 2nd order station, its wind data, obtained from the traces of a Dines Pressure Tube Anemograph, have been included. At other 1st order stations they are obtained from the three daily observations (at 0800, 1400 and 2000 hours S.A.S.T.) and at 2nd order stations the direction frequencies are obtained from the two daily observations (at 0800 and 1400 hours S.A.S.T.). These first order and some 2nd order stations are equipped with Pressure Plate Anemometers which have to be visually read to obtain the wind direction and force. For this reason the wind directions for weather offices are given for 16 directions and for the other stations only for the eight main directions. For several reasons the mean wind speed for 2nd order stations has not been included. A separate publication "Climate of South Africa, Part 6 - Surface Winds (W.B. 26)", appeared recently and contains all the available data including those for 2nd order stations which seem reasonably reliable.

Sunshine Duration and Frequency of days falling within certain categories of Sunshine duration are obtained with Campbell-Stokes Sunshine Recorders and the cards have been reduced according to established standard practice as now prescribed by the World Meteorological Organization. In the computation of percentage values, the "possible" sunshine duration in each case refers to its duration at the latitude of the station in question and over a horizontal surface with an unobstructed horizon and a clear sky.

Solar Radiation: The systematic recording of total (T) and diffuse (D) shortwave radiation received on a horizontal surface was continued during 1959 at the following stations: Alexander Bay, Bloemfontein, Cape Town (at D.F. Malan), Durban (at Louis Botha), Keetmanshoop, Maun, Port Elizabeth, Pretoria, Roodeplaat and Windhoek. For this purpose Kipp and Zonen thermo-electric solarimeters have been adopted as standard, recording being achieved by the employment of twincircuit self-registering microammeters manufactured by Hartmann and Braun.

The surface of the thermopile of the D-solarimeter is shaded continually from the sun by means of a shadow ring which is reset every day or so along the polaraxis to take account of the change of declination of the sun.

These principal records were supplemented by daily values of total radiation (T) obtained at Kimberley, Marion Island, Pietersburg and Upington. The instrument employed in the secondary network is the Robitzsch bimetallic actinograph by R. Fuess, Berlin.

The International Pyrheliometric Scale 1956 (I.P.S. 1956), which is equivalent to the classical (uncorrected) Angström scale plus 1.5%, has been adopted for use in the Weather Bureau. All values

alle gegewens van stralingsenergie vanaf 1 Januarie 1957. Die skaal word gereproduseer deur Angström pirheliometers wat met verskillende buitelandse standaarde vergelyk is. Hierdie standaardskaal word slegs nou en dan gebruik om die kalibrasiefaktore van n paar Michelson-Buettner aktinometers wat as sub-standaard instrumente diens doen, akkurmat te bepaal. Die Michelson-Buettner aktinometer wat gebruik word as reisende substandaard, word na elke reis met die ander substandaarde vergelyk.

Die solarimeters van Kipp en Zonen word in die laboratorium en met behulp van n kunsmatige stralingsbron ondersoek en daarna vir n paar weke in natuurlike toestande blootgestel om hul kalibrasie konstantes te bepaal. Daarna word hulle by waarnemingstasies gebruik waar hulle konstantes nog tenminste eenmaal per jaar deur middel van n reisende Michelson-Buettner substandaard gekontroleer word. Die sensitiwiteit van die registrerende mikro-ammeters word eerstens in die laboratorium bepaal en na installasie op n waarnemingstasie telkens tydens die standaardisasie van die solarimeters ook getoets. Hiervoor word n potensiometer-tipe stroombron wat met behulp van Weston standaardselle akkuraat ingestel word, saam met geskikte weerstande waarvan die waardes baie akkuraat bekend is, gebruik.

Vir die herleiding van die gegewens vir totale en diffuse straling direk na stralingseenhede word integreermasjiene wat spesiaal vir die doel in die Weerburo ontwerp en gebou is, gebruik. Die syfers so verkry word gekontroleer deur hulle te vergelyk met waardes verkry wanneer die egalige dele van die geregistreerde kurwe met die vaste plastiese skaal opgemeet en hierdie skaalwaardes met die toepaslike faktore vermenigvuldig word. Die faktore waarmee die skaalwaardes vermenigvuldig moet word om dit na paslike stralingseenhede (kalorieë per vierkants sentimeter per uur) te bring, is berekende met inagneming van al die konstantes betrokke in elke spesifieke stroombaan. Vir die herleidingsfaktor van die D-waardes (hemelstraling) word ook nog die invloed van die skaduring in aanmerking geneem. Hierdie korreksie is veranderlik en is afhanklik van die breedtegraad, die son se deklinasie, die afmetings van die ring en die aard en verbreiding van die hemelstraling; die bepaling daarvan vir herleidingsdoeleindes, berus op teoretiese beskouings en eksperimentele ondersoek.

Die bimetaal aktinograwe word in die eerste plek deur vergelyking, oor n tydperk van sowat een maand, gekalibreer met daaglikse waardes van die totale straling verkry van Kipp solarimeters (soos hierbo beskryf). Hierdie kalibrasiefaktor vertoon n karakteristieke bepaalde kurwe gedurende die jaar en met behulp daarvan word die kalibrasiefaktore vir ander maande as die oorspronklike kalibrasiemaand, berekende. Verder word dit by die waarnemingstasie op die gewone manier jaarliks met die reisende substandaard gekontroleer.

Om hierdie instrumente se gegewens te verkry, word die oppervlakte onder die daaglikse kurwe met n planimeter gemeet. Die lesing van die planimeter word dan vermenigvuldig met die kalibrasiefaktor om die straling in kalorieë per vierkante sentimeter per dag te kry.

By alle stasies oorskry die obstruksies te wyte aan permanente hindernisse teen n vrye horison nog geen 2% van die hemelgewelf nie, gevolglik word daar geen korreksie vir sulke klein verminderings van die straling gemaak nie.

Met betrekking tot die noukeurigheid van die uurlikse stralingswaardes wat versamel is maar nie

of radiation energy obtained after 1 January 1957 refer to this new scale. This scale is reproduced by means of Angström type pyrheliometers which have been compared with several standard instruments in other countries. This scale is used only occasionally to derive and control accurately the calibration constants of a few Michelson-Buettner actinometers which are used as substandards. The Michelson-Buettner actinometer in use as travelling substandard, is checked against the remaining substandards after each journey.

The Kipp and Zonen solarimeters are examined in the laboratory, using an artificial source of radiation, and then exposed in natural conditions for a few weeks to determine their constants of calibration. After that they are used at observing stations where their constants are checked at least once a year by means of a travelling Michelson-Buettner substandard. The sensitivity of the registering microammeters are determined in the laboratory prior to being used at the network stations. After installation this is again checked, on every occasion that the solarimeters are standardized, by means of a potentiometer type current source which is accurately adjusted using Weston standard cells and suitable resistances, the values of which are known very accurately.

To evaluate the total and diffuse radiation traces directly in radiation units integrating machines, specially designed and made for this purpose in the Weather Bureau, are used. These figures are compared with those obtained when smooth parts of the recorded curves are evaluated by means of the fixed plastic scale, the scale values being multiplied by the relevant factors to convert them to radiation units. The factors by means of which the scale values were converted to the appropriate radiation energy units (calories per square centimetre per hour), were calculated taking into account all constants of the specific circuits concerned. The reduction factor for D-values (sky radiation) includes the influence of the shadow ring. This correction is a variable one and depends upon the latitude, the value of the declination of the sun, the dimensions of the ring and the nature and distribution of the sky radiation; for reduction purposes the calculation of this correction is based on theoretical considerations and experimental studies.

The bimetallic recorders are primarily calibrated by comparison, over a period of one month, with the daily values of total radiation derived from the Kipp solarimeter records. This factor exhibits a characteristic fixed variation during the year and, with the aid of this curve it is determined for months other than the month used as comparison period. These instruments are also checked once a year at the observing stations in the usual way with the travelling substandard.

Data derived from these instruments are evaluated by measuring the area under the daily curve with a planimeter. This result is then multiplied by the factor to convert it to radiation units in calories per square centimeter per day.

At all stations the obstruction to a free horizon, due to the presence of permanent obstacles, does not exceed 2% of the hemisphere; no corrections have therefore been applied for such a reduction in the radiation measured.

With regard to the accuracy of the hourly values of radiation collected but not presented in

in hierdie verslag verskyn nie, skyn die ondersoeke wat in die rigting gedoen is, limiete van akkuraatheid van ±5% aan te toon; vir daaglikse totale soos van solarimeters verkry, is daar 'n verbetering tot sowat ± 3%. Die akkuraatheid van die daaglikse totale deur middel van die eenvoudiger bimetaal aktinograwe verkry, word deur ondervinding op ± 5% gestel wat vir indiwiduele waardes kan varieer van 0 tot ± 10%.

this volume, the investigations which have been effected to date would appear to assign limits of accuracy of ± 5%; for daily totals likewise derived from solarimetric records, there is an improvement to about ± 3%. The accuracy of the daily totals provided by the simpler bimetallic actinographs has been proved by experience to be ± 5%, with variations of 0 to ± 10% in individual cases.

NEWEL-NEERSLAG

Metings van newel-neerslag is op Tafelberg gemaak. Die volgende instrumente is gebruik:-

(a) 'n standaard outografiese reënmeter,
(b) 'n outografiese newelvanger,
(c) 'n windmeter,
(d) 'n higrograaf.

Die outografiese newelvanger bestaan uit 'n outografiese reënmeter waarop daar 'n gaassilinder loodreg op die opvangstregter gemonteer is. Die hoogte van hierdie gaassilinder is tweemaal sy deursnee en die oppervlakte verkry uit die produk van sy hoogte en sy deursnee, is gelyk aan die opvangsoppervlakte van die reënmeter. Hierdie samestelling vergemaklik die vergelyking van newelneerslag met reënval.

Wanneer die stasie in wolke of mis gehul is (d.i. so lank as die higrograaf 100% relatiewe vogtigheid aantoon) en die wind is sterk genoeg, dan sal waterdruppeltjies op die gaassilinder versamel en deur saamvloeiing met nuutgevange druppeltjies aangroei en uiteindelik langs die gaas af in die opvangstregter van die meter vloei. Die newelvanger meet dus die versamelde newelneerslag op dieselfde manier as wat die gewone meter die versamelde reënwater meet en die hoeveelheid newelneerslag is direk eweredig aan die vloeibare waterinhoud van die lug en die krag van die wind.

Wanneer beide newelwater en reënwater gelyktydig in die newelvanger versamel, kan die werklike newel-neerslag verkry word deur die hoeveelheid reënwater wat deur die standaard outografiese reënmeter gemeet is, daarvan af te trek. Teneinde die verlangde newel-neerslag F in millimeters te verkry, is daar van die volgende empiriese formule gebruik gemaak:-

$$F = p - R - (\frac{V}{15} \times R)$$

waar p die totale neerslag (in mm) in die newelvanger, R die totale reënval (in mm) in die standaard outografiese reënmeter en V die windsnelheid in meters per sekonde is.

Die instrumente is in Februarie 1956 te Tafelberg Huis en later in Oktober 1956 ook te Maclear's Beacon opgerig. Die drie-uurlikse hoeveelhede van reënval en newel-neerslag, wat so verkry is vir 1959, word vir elke maand in Tabel IXC aangegee.

FOG-PRECIPITATION

Measurements were made of fog-precipitation on Table Mountain. The following instruments were used:-

(a) a standard autographic raingauge,
(b) an autographic fog-catcher,
(c) an anemometer,
(d) a hygrograph.

The autographic fog-catcher consists of an autographic raingauge to which a gauze cylinder has been fixed perpendicularly on top of the funnel. The height of this gauze cylinder is twice its diameter and the area given by the product of its height and its diameter, is equal to the catching-area of the raingauge. This construction facilitates comparison of fog-precipitation and rainfall.

When the station is within cloud or fog (i.e. as long as the hygrograph indicates 100% relative humidity) and the wind is strong enough, water droplets will collect on the gauze cylinder and grow by coalescence with newly arriving droplets until they eventually trickle down the gauze into the collecting-funnel of the gauge. The fog-catcher, therefore, measures the collected fog-precipitation in the same way as the ordinary raingauge measures the collected rainwater and the amount of fog-precipitation is directly proportional to the liquid water content of the air and the force of the wind.

When both fog-water and rainwater are collected simultaneously in the fog-catcher, the actual fog-precipitation is obtained by subtracting the amount of rainwater collected as indicated by the standard autographic raingauge. In order to obtain the required fog-precipitation F in millimeters the following empirical formula was applied:-

$$F = p - R - (\frac{V}{15} \times R)$$

where p is the total precipitation (in mm) measured in the fog-catcher, R is the total rainfall (in mm) measured in the standard autographic raingauge and V is the wind velocity in meters per second.

The instruments were installed at Table Mountain House in February 1956 and later also at Maclear's Beacon in October 1956. The three-hourly amounts of rainfall and fog-precipitation obtained in this way for 1959 are given for each month in Table IXC.

Verkortings gebruik vir Staatsdepartemente en ander Institute:

Abbreviations used for Government Departments and other Institutions:

Landbou	AGR/AGRIC	Agriculture
Lugverkeer	AER	Air Traffic
Bosbou	BOS	Forestry
Botaniese Tuine	BOT	Botanical Gardens
Kerkhof	CEM	Cemetery
Kleurlingsake	COL	Coloured Affairs
Klooster	CON	Convent
Dinamietfabriek	DYN	Dynamite Factory
Goudmyn	GM	Gold Mine
Hospitaal	HOSP	Hospital
Waterwese	IRR	Water Affairs
Landdros	MAG	Magistrate

Stadsraad	MUN	Municipality
Bantoesake	NAF	Bantu Affairs
Observatorium	OBS	Observatory
Polisie	POL	Police
Poskantoor	POS	Post Office
Kragstasie	POW	Power Station
Rioleringswerke	PUR	Purification Works
Opgaardam	RSV	Reservoir
Rand Waterraad	RWB	Rand Water Board
Spoorweë	SAR	Railways
Skool	SKL	School
Tronk	TNK	Gaol
Veeartsenykunde	VET	Veterinary Services
Visteelt	VIS	Pisciculture
Vuurtoring	VRT	Lighthouse
Weerburo	WB	Weather Bureau
Weerkantoor	WK	Weather Office

Simbole: Hier volg 'n verklarende lys van die simbole wat in hierdie verslag gebruik is in die volgorde waarin dit verskyn:

Symbols: The following is a list of the symbols used in this report, together with their meanings, given in order of sequence:

Breedtegraad (S = Suid)	ø	Latitude (S = South)
Lengtegraad (E = Oos en W = Wes)	λ	Longitude (E = East and W = West)
Gemiddelde Lugdruk	P	Mean Atmospheric Pressure
Geopotensiale Meters	GPM	Geopotential Metres
Hoogte van Stasie bo Gemiddelde Seespiëël	H	Elevation of Station above Mean Sea Level
Meters	M	Metres
Hoogte van Droëbol-termometer bo Grondvlak	HT	Height of Dry Bulb Thermometer above Ground Level
Hoogte van boonste rand van Reënmeter bo Grondvlak	HR	Height of rim of Raingauge above Ground Level
Millibar	MB	Millibar
Gemiddelde Droëbol-temperatuur	T	Mean Dry Bulb Temperature
Gemiddelde Natbol-temperatuur	T'	Mean Wet Bulb Temperature
Gemiddelde Relatiewe Vogtigheid	U	Mean Relative Humidity
Persentasie (1e, 2e en 3e orde stasies)	%	Percentage (1st, 2nd and 3rd order stations)
Gemiddelde Wolkshoeveelheid in Oktas (agstes van die hemel)	N	Mean Cloud Amount in Octas (eighths of the sky)
Gemiddelde Maksimum-temperatuur	TX	Mean Maximum Temperature
Gemiddelde Minimum-temperatuur	TN	Mean Minimum Temperature
Gemiddelde Temperatuur : ½(TX + TN)	TM	Mean Temperature : ½(TX + TN)
Afwyking van Gemiddelde Temperatuur van Normaal	△ TM	Deviation of Mean Temperature from Normal
Hoogste Maksimum-temperatuur	TXX	Highest Maximum Temperature
Datum	D	Date
Laagste Minimum-temperatuur	TNN	Lowest Minimum Temperature
Laagste Maksimum-temperatuur	TXN	Lowest Maximum Temperature
Hoogste Minimum-temperatuur	TNX	Highest Minimum Temperature
Totale Hoeveelheid Neerslag (Reënval)	R	Total Amount of Precipitation (Rainfall)
Millimeters	MM	Millimetres
Hoogste Neerslag in 24 Uur	RX	Highest Amount of Precipitation in 24 Hours
Donderstorm	⚡	Thunderstorm
Hael	▲	Hail
Sneeu	*	Snow
Mis	≡	Fog
Hoogte van Windmeterkop bo Grondvlak	HA	Height of Anemometer Head above Ground Level
Windrigtingsfrekwensie	ND	Frequency of Wind Direction
Gemiddelde Windspoed	VM	Mean Wind Speed
Kalm	K/C	Calm
Suid-Afrikaanse Standaard Tyd	SAST	South African Standard Time
Sentimeters	CM	Centimetres
Gemiddeldes	MS	Means
Sonskynduur	SS	Duration of Sunshine
Ure	H/U	Hours
Persentasie (by Sonskyn)	%	Percentage (with Sunshine)
Gram	GM	Gram
Kalorie	KAL/CAL	Calory
Vierkante	VK/SQ	Square
Persentasie (by Reënval)	PER	Percentage (with Rainfall)
Toegerus met Nipher Skerm	NIS	Equipped with Nipher Screen
Geen waarnemings, of geen betroubare waarnemings nie	——	No observations or no reliable observations
Gemiddelde waardes in hakies is bereken uit 'n ontoereikende aantal daaglikse waarnemings.	( )	Average values in brackets are computed from an insufficient number of daily observations

Byvoegings tot en Veranderings in die Netwerk van Eerste Orde Weerstasies

A. BYVOEGINGS:

(1) Kaappunt (4/891):
Ø = 34°21'S; λ = 18°30'E; H = 227 M.
Waarnemings word op die huidige terrein gedoen sedert 1951; na n le orde stasie omskep in April 1959.

(2) Kaap St. Blaize (12/251):
Ø = 34°11'S; λ = 22°09'E; H = 59 M.
Waarnemings word by hierdie vuurtoring in Mosselbaai gedoen sedert 1881 met een onderbreking van drie jaar; omskep na n le orde stasie in Maart 1959.

(3) Kaap St. Francis (17/582):
Ø = 34°12'S; λ = 24°50'E; H = 7 M.
Waarnemings word by hierdie vuurtoring gedoen sedert 1881 met een onderbreking van drie jaar; omskep na n le orde stasie in Mei 1959.

(4) Queenstown (123/683A):
Ø = 31°53'S; λ = 26°53'E; H = 1094 M.
Gestig op 24 Maart 1959.

(5) Kokstad (180/722C):
Ø = 30°22'S; λ = 29°25'E; H = 1345 M.
Gestig op 16 Maart 1959 en 500 treë suidsuidoos verskuif op 10 Oktober 1959, nuwe hoogte nou 1326 M.

(6) Mara (722/99):
Ø = 23°09'S; λ = 29°34'E; H = 894 M.
Waarnemings word gedoen sedert 1949; omskep na n le orde stasie in Maart 1959.

(7) Shakawe, B.P. (1161/622):
Ø = 18°22'S; λ = 21°51'E; H = 1002 M.
Waarnemings word gedoen sedert 1946; omskep na n le orde stasie in Mei 1959.

B. Veranderings:

(1) Matroosberg (43/566):
Ø = 33°26'S; λ = 19°49'E; H = 968 M.
Op 1 Oktober 1959 verskuif 300 treë oossuidoos, nuwe hoogte nou 965 M.

(2) Frankfort (403/886A):
Ø = 27°16'S; λ = 28°30'E; H = 1504 M.
Gesluit op 31 Januarie 1959.

(3) Gaberones, B.P. (584/730):
Ø = 24°40'S; λ = 25°55'E; H = 983 M.
Verskuif 300 treë oosnoordoos op 20 Oktober 1959, hoogte onveranderd.

(4) Francistown, B.P. (893/883):
Ø = 21°13'S; λ = 27°30'E; H = 1007 M.
Verskuif 460 treë suidoos op 19 Januarie 1959, hoogte nou 1001 M.

Additions to and Changes in the Network of First Order Weather Stations

A. ADDITIONS:

(1) Cape Point (4/891):
Ø = 34°21'S; λ = 18°30'E; H = 227 M.
Observations have been made at the present site since 1951; transformed to a 1st order station in April 1959.

(2) Cape St. Blaize (12/251):
Ø = 34°11'S; λ = 22°09'E; H = 59 M.
Observations have been made at this lighthouse in Mossel Bay since 1881 with one interruption of three years; transformed to a 1st order station in March 1959.

(3) Cape St. Francis (17/582):
Ø = 34°12'S; λ = 24°50'E; H = 7 M.
Observations have been made at this lighthouse since 1881 with one interruption of three years; transformed to a 1st order station in May 1959.

(4) Queenstown (123/683A):
Ø = 31°53'S; λ = 26°53'E; H = 1094 M.
Established on 24 March 1959.

(5) Kokstad (180/722C):
Ø = 30°22'S; λ = 29°25'E; H = 1345 M.
Established on 16 March 1959 and moved 500 yards southsoutheast on 10 October 1959, new height now 1326M.

(6) Mara (722/99):
Ø = 23°09'S; λ = 29°34'E; H = 894 M.
Observations have been made since 1949; transformed to a 1st order station in March 1959.

(7) Shakawe, Bech. Prot. (1161/622):
Ø = 18°22'S; λ = 21°51'E; H = 1002 M.
Observations have been made since 1946; transformed to a 1st order station in May 1959.

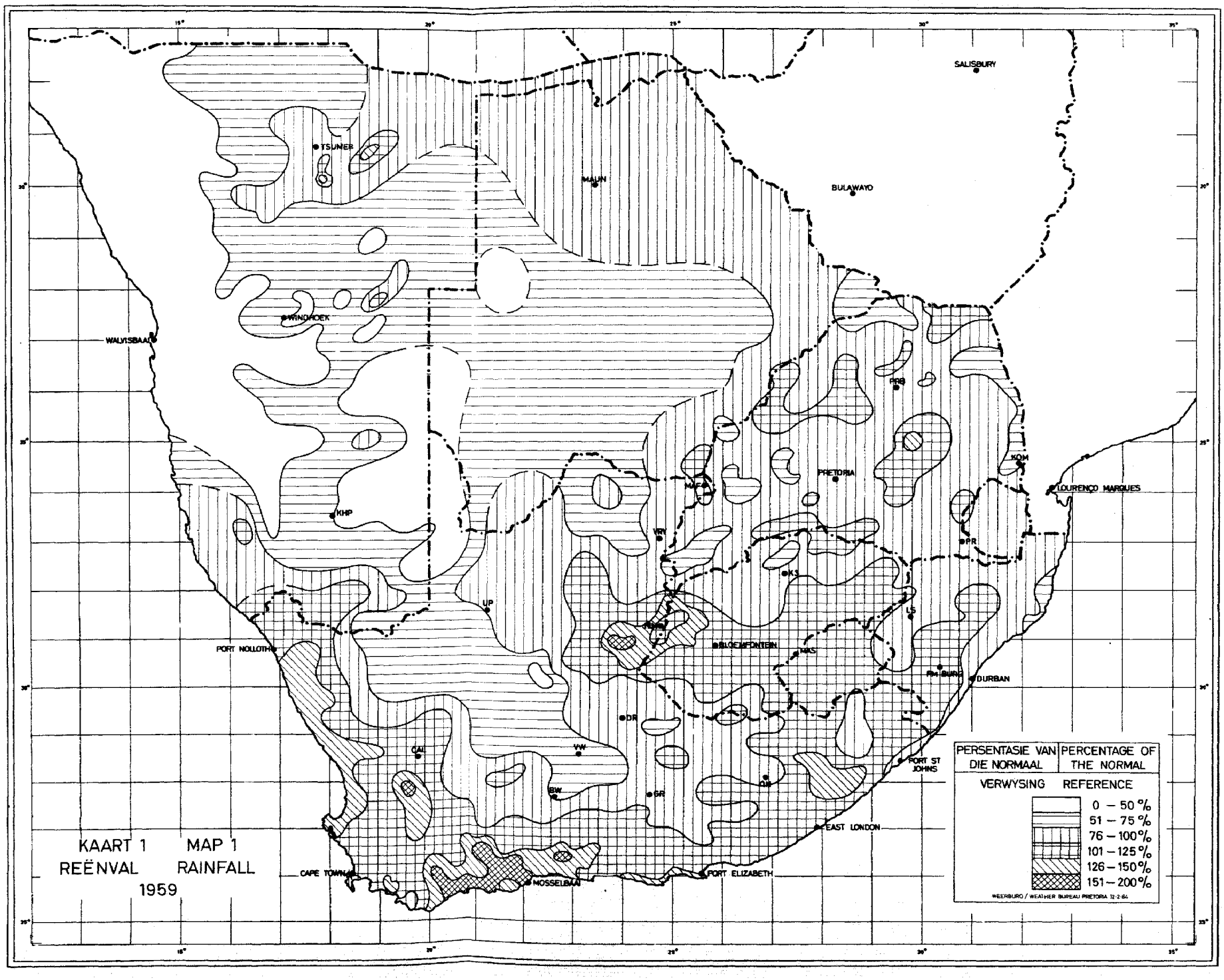
B. Changes:

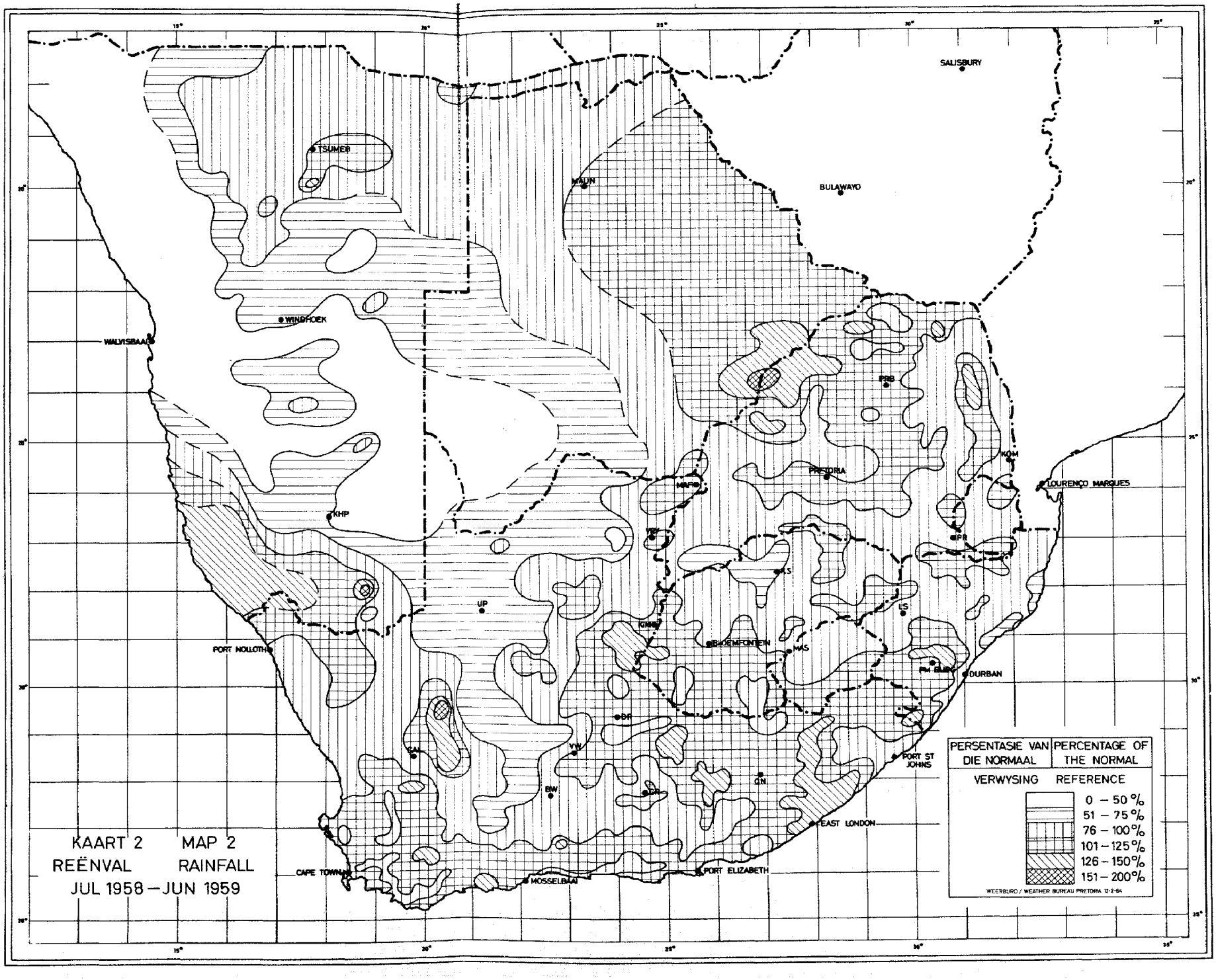
(1) Matroosberg (43/566):
Ø = 33°26'S; λ = 19°49'E; H = 968 M.
Moved on 1 October 1959 eastsoutheast 300 yards, new height now 965 M.

(2) Frankfort (403/886A):
Ø = 27°16'S; λ = 28°30'E; H = 1504 M.
Closed on 31 January 1959.

(3) Gaberones, Bech. Prot. (584/730):
Ø = 24°40'S; λ = 25°55'E; H = 983 M.
Moved 300 yards eastnortheast on 20 October 1959, height unchanged.

(4) Francistown, Bech. Prot. (393/883):
Ø = 21°13'S; λ = 27°30'E; H = 1007 M.
Moved 460 yards southeast on 19 January 1959, height now 1001 M.


SALISBURY
TSUMEB
MAUN
BULAWAYO
WINDHOEK
WALVISBAAI
KHP
PRB
PRETORIA
KOM
LOURENÇO MARQUES
MAF
VRY
PR
KS
UP
LS
BLOEMFONTEIN
MAS
PORT NOLLOTH
PM-BURG
DURBAN
DR
CAU
VW
PORT ST JOHNS
BW
GR
EAST LONDON
CAPE TOWN
MOSSELBAAI
PORT ELIZABETH
PERSENTASIE VAN DIE NORMAAL
PERCENTAGE OF THE NORMAL
VERWYSING
REFERENCE
0 – 50 %
51 – 75 %
76 – 100 %
101 – 125 %
126 – 150 %
151 – 200 %
WEERBURO / WEATHER BUREAU PRETORIA 12-2-64
KAART 1
REËNVAL
1959
MAP 1
RAINFALL


KAART 2 MAP 2
REËNVAL RAINFALL
JUL 1958 — JUN 1959
PERSENTASIE VAN DIE NORMAAL
PERCENTAGE OF THE NORMAL
VERWYSING REFERENCE
0 – 50 %
51 – 75 %
76 – 100 %
101 – 125 %
126 – 150 %
151 – 200 %
WEERBURO / WEATHER BUREAU PRETORIA 12-2-64
SALISBURY
BULAWAYO
TSUMEB
MAUN
WINDHOEK
WALVISBAAI
KHP
PRB
PRETORIA
KOM
LOURENÇO MARQUES
MAFR
TV
PR
LS
UP
KIMB
BLOEMFONTEIN
MAS
IS
PM. BURG
DURBAN
PORT NOLLOTH
BR
CAL
VW
PORT ST JOHNS
GN
BW
EAST LONDON
CAPE TOWN
MOSSELBAAI
PORT ELIZABETH

OMSETTABELLE - CONVERSION TABLES

Millimeters na Duime Millimeters to Inches	Celsius na Fahrenheit Celcius to Fahrenheit		Meters na Voet Meters to Feet	Meters per Sekonde na Myle per uur Meters per Seconds to Miles per hour
1 mm = 0.03937 Duim Inch	$(^{o}C \times \frac{9}{5}) + 32 = {}^{o}F$		1 m = 3.28 Voet Feet	1 m/sek;m/sec = 2.2 mpu;mph
mm Duime Inches	°C °F	°C °F	m Voet Feet	m/sek m/sec mpu mph
1000 = 39.37	46.0 = 114.8	16.0 = 60.8	2000 = 6562	55 = 123
900 = 35.43	45.5 = 113.9	15.5 = 59.9	1900 = 6234	54 = 121
800 = 31.50	45.0 = 113.0	15.0 = 59.0	1800 = 5906	53 = 119
700 = 27.56	44.5 = 112.1	14.5 = 58.1	1700 = 5577	52 = 116
600 = 23.62	44.0 = 111.2	14.0 = 57.2	1600 = 5249	51 = 114
500 = 19.69	43.5 = 110.3	13.5 = 56.3	1500 = 4921	50 = 112
400 = 15.75	43.0 = 109.4	13.0 = 55.4	1400 = 4593	
300 = 11.81	42.5 = 108.5	12.5 = 54.5	1350 = 4429	49 = 110
200 = 7.87	42.0 = 107.6	12.0 = 53.6	1300 = 4265	48 = 107
100 = 3.94	41.5 = 106.7	11.5 = 52.7	1250 = 4101	47 = 105
	41.0 = 105.8	11.0 = 51.8	1200 = 3937	46 = 103
90 = 3.54	40.5 = 104.9	10.5 = 50.9	1150 = 3773	45 = 101
80 = 3.15	40.0 = 104.0	10.0 = 50.0	1100 = 3609	44 = 98
70 = 2.76	39.5 = 103.1	9.5 = 49.1	1050 = 3445	43 = 96
60 = 2.36	39.0 = 102.2	9.0 = 48.2	1000 = 3281	42 = 94
50 = 1.97	38.5 = 101.3	8.5 = 47.3	950 = 3117	41 = 92
40 = 1.57	38.0 = 100.4	8.0 = 46.4	900 = 2953	40 = 89
	37.5 = 99.5	7.5 = 45.5	850 = 2789	
30 = 1.18	37.0 = 98.6	7.0 = 44.6	800 = 2625	39 = 87
29 = 1.14	36.5 = 97.7	6.5 = 43.7	750 = 2461	38 = 85
28 = 1.10	36.0 = 96.8	6.0 = 42.8	700 = 2297	37 = 83
27 = 1.06	35.5 = 95.9	5.5 = 41.9	650 = 2133	36 = 81
26 = 1.02	35.0 = 95.0	5.0 = 41.0	600 = 1696	35 = 78
25 = 0.98	34.5 = 94.1	4.5 = 40.1	550 = 1805	34 = 76
24 = 0.94	34.0 = 93.2	4.0 = 39.2	500 = 1640	33 = 74
23 = 0.91	33.5 = 92.3	3.5 = 38.3	450 = 1476	32 = 72
22 = 0.87	33.0 = 91.4	3.0 = 37.4	400 = 1312	31 = 69
21 = 0.83	32.5 = 90.5	2.5 = 36.5	350 = 1148	30 = 67
	32.0 = 89.6	2.0 = 35.6	300 = 984	
20 = 0.79	31.5 = 88.7	1.5 = 34.7	250 = 820	29 = 65
19 = 0.75	31.0 = 87.8	1.0 = 33.8	200 = 656	28 = 63
18 = 0.71	30.5 = 86.9	0.5 = 32.9	150 = 492	27 = 60
17 = 0.67	30.0 = 86.0	0.0 = 32.0	100 = 328	26 = 58
16 = 0.63	29.5 = 85.1	-0.5 = 31.1	95 = 312	25 = 56
15 = 0.59	29.0 = 84.2	-1.0 = 30.2	90 = 295	24 = 54
14 = 0.55	28.5 = 83.3	-1.5 = 29.3	85 = 279	23 = 51
13 = 0.51	28.0 = 82.4	-2.0 = 28.4	80 = 262	22 = 49
12 = 0.47	27.5 = 81.5	-2.5 = 27.5	75 = 246	21 = 47
11 = 0.43	27.0 = 80.6	-3.0 = 26.6	70 = 230	20 = 45
	26.5 = 79.7	-3.5 = 25.7	65 = 213	
10 = 0.39	26.0 = 78.8	-4.0 = 24.8	60 = 197	19 = 43
9 = 0.35	25.5 = 77.9	-4.5 = 23.9	55 = 180	18 = 40
8 = 0.31	25.0 = 77.0	-5.0 = 23.0	50 = 164	17 = 38
7 = 0.28	24.5 = 76.1	-5.5 = 22.1	45 = 148	16 = 36
6 = 0.24	24.0 = 75.2	-6.0 = 21.2	40 = 131	15 = 34
5 = 0.20	23.5 = 74.3	-6.5 = 20.3	35 = 115	14 = 31
4 = 0.16	23.0 = 73.4	-7.0 = 19.4	30 = 98	13 = 29
3 = 0.12	22.5 = 72.5	-7.5 = 18.5	25 = 82	12 = 27
2 = 0.08	22.0 = 71.6	-8.0 = 17.6	20 = 66	11 = 25
1 = 0.04	21.5 = 70.7	-8.5 = 16.7	15 = 49	10 = 22
	21.0 = 69.8	-9.0 = 15.8	10 = 32.8	
0.9 = 0.04	20.5 = 68.9	-9.5 = 14.9	9 = 29.5	9 = 20
0.8 = 0.03	20.0 = 68.0	-10.0 = 14.0	8 = 26.3	8 = 18
0.7 = 0.03	19.5 = 67.1	-10.5 = 13.1	7 = 23.0	7 = 16
0.6 = 0.02	19.0 = 66.2	-11.0 = 12.2	6 = 19.7	6 = 13
0.5 = 0.02	18.5 = 65.3	-11.5 = 11.3	5 = 16.4	5 = 11
0.4 = 0.02	18.0 = 64.4	-12.0 = 10.4	4 = 13.1	4 = 9
0.3 = 0.01	17.5 = 63.5	-12.5 = 9.5	3 = 9.8	3 = 7
0.2 = 0.01	17.0 = 62.6	-13.0 = 8.6	2 = 6.6	2 = 5
0.1 = 0.00	16.5 = 61.7	-13.5 = 7.7	1 = 3.3	1 = 2
1 Duim Inch = 25.4 mm	$({}^{o}F - 32) \times 5/9 = {}^{o}C$		1 Voet Foot = 0.3 m	1 mpu;mph = 0.45m/sek;m/sec

K L I M A A T T A B E L L E — C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE EERSTE ORDE — FIRST ORDER STATIONS

3/ 20 CAPE AGULHAS VRT — φ 34°50'S P BY/AT 0GPM HT 1·2M At; λ 20°01'E H 6M HR 1·2M At

P IN MB / T IN°C / T' IN°C / U IN % / N IN 0-8

1959	P 08	P 14	P 20	T 08	T 14	T 20	T' 08	T' 14	T' 20	U 08	U 14	U 20	N 08	N 14	N 20
JAN	1014·9	1014·8	1015·2	19·5	22·2	19·4	16·9	18·0	16·9	77	64	77	4·5	3·4	3·9
FEB	1014·9	1014·7	1014·8	19·7	22·6	20·2	18·2	19·7	18·6	85	75	84	5·3	3·4	4·4
MAR	1015·8	1015·6	1016·1	18·0	21·2	18·5	16·5	17·9	16·8	86	71	84	5·1	4·4	5·1
APR	1014·6	1014·3	1015·0	16·0	19·3	16·5	14·7	16·4	15·4	86	74	88	5·2	5·0	4·3
MAY	1013·0	1012·6	1013·3	13·6	17·1	14·6	12·2	14·5	13·0	84	74	83	5·0	4·8	4·2
JUN	1020·6	1020·0	1020·7	12·9	17·0	14·1	11·6	14·1	12·6	85	73	82	4·5	4·0	3·3
JUL	1021·9	1021·2	1022·2	12·3	16·0	13·7	11·1	13·7	12·2	86	77	84	3·1	3·0	2·2
AUG	1020·5	1020·4	1021·1	13·4	17·0	14·4	11·6	14·0	12·7	82	72	82	3·7	3·9	2·6
SEP	1018·8	1018·1	1018·4	13·9	17·1	14·5	12·3	14·3	13·1	83	72	84	5·1	4·5	3·1
OCT	1017·8	1017·5	1018·1	14·9	17·3	14·7	13·2	14·1	13·0	81	68	82	5·2	4·9	4·6
NOV	1018·1	1017·4	1018·1	17·7	20·2	17·3	15·4	16·6	15·3	77	68	80	5·2	2·9	4·0
DEC	1015·4	1015·1	1015·6	19·2	22·0	18·6	16·7	17·8	16·6	76	65	79	5·7	3·5	4·0
J/Y	1017·2	1016·8	1017·4	15·9	19·1	16·4	14·2	15·9	14·7	82	71	82	4·8	4·0	3·8

UITERSTE TEMPERATURE / EXTREME TEMPERATURES / NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	23·2	16·9	20·1	-0·2	25·2	8	11·6	12	18·0	12	19·5	24	27·4	15·0	11
FEB	23·9	-	-	-	25·8	11	-	-	21·0	12	-	-	23·8	10·0	12
MAR	22·3	16·3	19·3	0·0	25·4	29	12·4	18	19·5	30	19·7	1	35·1	10·0	3
APR	20·2	14·4	17·3	-0·2	25·5	17	10·8	24	16·0	29	18·4	17	117·1	17·5	11
MAY	18·1	12·2	15·1	-0·5	21·8	5	7·2	15	14·0	14	14·5	13	87·0	19·5	14
JUN	17·8	11·5	14·7	0·4	27·5	13	8·2	26	14·5	2	14·7	15	18·5	7·0	7
JUL	16·8	10·8	13·8	0·6	20·4	2	7·5	9	15·0	8	13·2	14	36·4	9·5	12
AUG	18·3	11·4	14·9	1·2	28·0	11	7·5	7	12·5	6	15·3	29	89·1	21·5	15
SEP	18·0	12·1	15·1	0·8	23·5	29	7·0	13	13·5	12	15·5	5	48·0	13·7	5
OCT	18·2	12·6	15·4	-0·5	21·2	25	7·5	4	14·0	4	16·2	25	85·5	16·2	9
NOV	21·1	15·3	18·2	0·5	23·2	28	9·5	1	16·8	1	18·2	23	3·3	2·0	1
DEC	23·1	17·5	20·3	1·2	25·2	30	15·3	4	20·2	3	19·5	21	13·6	6·5	26
J/Y	20·1	-	-	-	28·0	-	7·0	-	12·5	-	-	-	584·8	21·5	-

AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN / NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MAX TEMP / VAN /OF MIN TEMP

1959	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20	⅝	▲	⅜	≡
JAN	8	6	1	0	0	0	0	0	0	0	0	0	2	0	0	1
FEB	9	6	1	0	0	0	0	0	0	0	0	-	0	0	0	0
MAR	10	6	1	0	0	0	0	0	0	0	0	0	0	0	0	2
APR	13	12	6	0	0	0	4	0	0	0	0	0	2	0	0	3
MAY	17	13	3	0	0	0	9	0	0	0	0	0	1	1	0	0
JUN	6	5	0	0	0	0	17	0	0	0	0	0	0	0	0	4
JUL	10	8	0	0	0	0	25	0	0	0	0	0	1	0	0	1
AUG	13	11	4	0	0	0	15	0	0	0	0	0	0	0	0	0
SEP	9	8	2	0	0	0	7	0	0	0	0	0	1	0	0	2
OCT	14	11	3	0	0	0	10	0	0	0	0	0	0	0	0	0
NOV	3	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2
DEC	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J/Y	116	90	21	0	0	0	88	0	0	0	0	-	7	1	0	15

4/891 KAAPPUNT VRT — φ 34°21'S P BY/AT 0GPM HT1·2M N4; λ 18°30'E H 227M HR 1·2M N4

P IN MB / T IN°C / T' IN°C / U IN % / N IN 0-8

1959	P 08	P 14	P 20	T 08	T 14	T 20	T' 08	T' 14	T' 20	U 08	U 14	U 20	N 08	N 14	N 20
JAN	1015·3	1015·3	-	16·9	20·1	-	15·6	17·1	-	87	72	-	3·7	2·9	-
FEB	1014·6	1014·6	-	17·6	20·5	-	16·4	18·2	-	88	80	-	3·8	3·6	-
MAR	1016·0	1015·9	-	16·6	19·7	-	15·0	16·6	-	83	71	-	3·9	3·2	-
APR	1016·2	1015·7	1016·5	14·9	17·0	15·2	13·4	14·7	13·2	84	78	79	4·7	4·9	4·7
MAY	1014·3	1013·6	1014·6	12·3	14·7	13·1	11·3	12·4	11·6	88	77	83	5·9	5·1	4·3
JUN	1021·6	1020·8	1021·8	12·6	15·2	13·1	10·7	12·1	11·0	80	69	78	5·2	3·8	3·6
JUL	1022·8	1022·3	1022·6	12·3	14·7	13·0	10·7	12·1	11·0	82	72	78	3·4	3·1	2·1
AUG	1021·6	1021·5	1022·0	13·2	15·4	13·7	10·7	11·9	11·1	75	67	74	4·1	4·0	2·6
SEP	1019·6	1018·9	1019·1	13·4	15·9	13·8	11·4	13·1	11·9	78	73	79	4·2	3·8	2·9
OCT	1018·2	1018·0	1018·3	13·2	15·9	13·0	11·6	12·8	11·5	82	68	82	4·5	4·1	3·8
NOV	1017·8	1017·0	1017·3	15·3	17·6	15·2	13·1	14·5	13·5	77	70	80	3·4	2·7	2·8
DEC	1016·1	1015·5	1015·6	16·2	18·9	16·3	14·5	16·0	14·9	82	73	85	4·0	3·1	3·2
J/Y	1017·8	1017·4	-	14·5	17·1	-	12·9	14·3	-	82	73	-	4·2	3·7	-

UITERSTE TEMPERATURE / EXTREME TEMPERATURES / NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	21·0	14·6	17·8	-	24·0	30	11·0	12	17·0	12	17·2	9	12·7	4·5	19
FEB	21·5	15·4	18·5	-	28·0	21	11·5	28	19·3	26	17·5	17	5·6	1·8	13
MAR	20·8	15·0	17·9	-	30·0	15	9·0	4	16·0	17	20·0	15	42·0	23·5	3
APR	18·7	13·7	16·2	-	25·2	16	9·5	8	12·5	29	17·8	17	118·0	28·0	29
MAY	15·4	10·9	13·1	-	22·8	18	6·5	15	12·0	14	13·1	18	123·7	22·0	13
JUN	16·2	11·0	13·6	-	24·6	29	8·1	25	13·0	2	15·5	29	13·5	4·5	23
JUL	16·1	10·8	13·5	-	21·0	2	9·0	23	13·0	7	14·3	2	41·1	12·5	23
AUG	16·4	11·0	13·7	-	24·7	21	5·8	6	10·5	6	19·0	22	71·7	13·5	14
SEP	17·6	11·3	14·5	-	30·2	29	6·2	12	11·2	12	14·0	17	17·8	6·0	11
OCT	16·9	10·9	13·9	-	24·6	20	6·0	4	12·3	4	14·5	15	22·3	6·6	30
NOV	18·7	13·1	15·9	-	23·6	22	9·0	1	14·3	1	15·0	16	10·0	8·1	17
DEC	19·4	14·3	16·9	-	21·7	31	9·0	6	16·4	17	16·8	30	7·1	3·0	16
J/Y	18·2	12·7	15·5	-	30·2	-	5·8	-	10·5	-	20·0	-	485·5	28·0	-

AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN / NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MAX TEMP / VAN /OF MIN TEMP

1959	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20	⅝	▲	⅜	≡
JAN	10	5	0	0	0	0	1	0	0	0	0	0	0	0	0	6
FEB	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	12
MAR	9	5	1	0	0	0	1	0	0	0	0	0	0	0	0	9
APR	12	11	6	1	0	0	10	0	0	0	0	0	1	0	0	7
MAY	19	16	3	0	0	0	27	0	0	0	0	0	1	0	0	3
JUN	9	4	0	0	0	0	23	0	0	0	0	0	0	0	0	7
JUL	10	8	1	0	0	0	24	0	0	0	0	0	0	0	0	3
AUG	12	9	4	0	0	0	24	0	0	0	0	0	0	0	0	3
SEP	8	6	0	0	0	1	18	0	0	0	0	0	0	0	0	8
OCT	10	7	0	0	0	0	19	0	0	0	0	0	0	0	0	3
NOV	3	2	0	0	0	0	8	0	0	0	0	0	0	0	0	8
DEC	6	3	0	0	0	0	3	0	0	0	0	0	0	0	0	6
J/Y	113	79	15	1	0	1	158	0	0	0	0	0	2	0	0	75

W I N D O N T L E D I N G W I N D A N A L Y S I S

3/ 20 CAPE AGULHAS ø 34°50'S λ 20°01'E H 6M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	0	0·0			2	9·5			23	8·1			23	5·3		
FEB	0	0·0			6	10·4			17	7·2			28	5·2		
MAR	2	2·6			13	7·3			18	7·6			16	4·9		
APR	2	4·6			11	5·7			6	9·1			12	6·9		
MAY	6	3·4			8	8·8			8	6·2			2	4·1		
JUN	5	4·8			5	3·8			5	5·1			3	2·6		
JUL	3	2·2			10	5·7			8	4·1			7	6·0		
AUG	4	4·5			6	6·8			12	5·8			5	6·3		
SEP	1	4·1			14	8·1			19	8·0			8	5·3		
OCT	1	2·6			10	7·3			17	15·8			9	7·3		
NOV	0	0·0			6	9·3			27	8·5			23	5·5		
DEC	0	0·0			2	11·6			21	9·5			22	6·2		
J/Y	24	3·8			93	7·4			181	8·4			158	5·6		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	14	6·0			22	9·4			7	7·2			1	6·2		
FEB	8	4·9			10	5·9			11	8·4			1	2·6		
MAR	6	5·9			14	6·8			14	8·2			2	2·8		
APR	5	7·3			16	7·5			27	8·4			5	5·2		
MAY	4	3·6			11	8·0			34	8·9			15	4·4		
JUN	3	2·6			14	7·7			35	7·3			11	4·4		
JUL	6	8·0			14	5·5			24	6·1			11	4·5		
AUG	6	5·5			8	8·8			34	8·8			3	6·2		
SEP	2	3·3			13	11·0			26	8·3			3	3·8		
OCT	4	9·3			23	10·4			26	9·3			1	4·1		
NOV	11	5·7			12	7·8			6	6·7			1	2·6		
DEC	6	6·3			22	8·8			16	9·5			1	5·1		
J/Y	75	6·0			179	8·3			260	8·2			55	4·4		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/ SEK M/ SEC
JAN	1	2	8	22	31	14	12	1	2	0	0	0	0	
FEB	3	1	15	21	25	10	8	1	0	0	0	0	0	
MAR	8	2	18	12	27	19	6	1	0	0	0	0	0	
APR	6	3	9	21	26	13	7	2	3	0	0	0	0	
MAY	5	5	14	21	19	9	16	4	0	0	0	0	0	
JUN	9	5	21	21	18	3	8	4	1	0	0	0	0	
JUL	10	9	18	23	16	13	3	1	0	0	0	0	0	
AUG	15	1	9	18	27	10	8	3	2	0	0	0	0	
SEP	4	1	14	12	26	14	10	6	2	1	0	0	0	
OCT	2	1	7	11	14	29	12	6	5	2	4	0	0	
NOV	4	1	14	18	29	13	7	3	1	0	0	0	0	
DEC	3	0	4	22	24	24	11	2	2	1	0	0	0	
J/Y	70	31	151	222	282	171	108	34	18	4	4	0	0	

4/891 KAAPPUNT ø 34°21'S λ 18°30'E H 227M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	0	0·0			1	4·6			8	10·3			27	7·6		
FEB	2	4·4			1	5·7			11	10·7			21	8·9		
MAR	4	4·5			2	4·4			13	11·0			13	8·4		
APR	8	6·0			2	4·1			6	3·7			13	7·7		
MAY	28	7·6			4	5·4			5	4·8			8	7·0		
JUN	14	8·2			2	2·6			6	4·8			7	5·8		
JUL	9	4·0			5	4·3			5	8·1			16	6·3		
AUG	24	7·7			5	3·8			6	9·1			14	8·0		
SEP	2	13·4			3	3·2			11	5·6			16	8·2		
OCT	4	4·4			1	2·6			9	16·8			24	13·5		
NOV	0	0·0			2	1·8			7	12·2			53	12·0		
DEC	3	7·1			1	6·7			7	12·4			34	12·9		
J/Y	98	7·1			29	4·1			94	9·6			246	9·9		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	16	7·1			4	5·0			1	7·7			4	6·9		
FEB	13	5·5			5	5·3			2	5·7			0	0·0		
MAR	8	4·1			4	5·8			3	4·6			7	5·8		
APR	12	5·5			6	6·2			20	5·7			14	5·5		
MAY	5	8·2			5	6·5			16	7·4			20	7·8		
JUN	10	4·1			12	4·8			11	3·8			14	6·6		
JUL	9	3·5			11	5·0			12	4·1			15	5·3		
AUG	7	6·7			13	7·6			10	6·9			13	7·1		
SEP	12	5·3			9	2·7			18	5·4			12	6·4		
OCT	8	6·4			11	6·8			27	6·5			8	4·6		
NOV	11	6·4			8	5·4			5	4·6			3	5·0		
DEC	11	9·0			19	6·7			8	5·8			7	6·7		
J/Y	122	6·0			107	5·8			133	5·8			117	6·3		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/ SEK M/ SEC
JAN	1	0	7	15	16	12	9	1	1	0	0	0	0	
FEB	1	1	7	13	15	5	7	4	2	0	0	0	0	
MAR	8	2	9	12	12	11	3	3	2	0	0	0	0	
APR	5	2	21	20	22	7	9	0	0	0	0	0	0	
MAY	1	3	13	15	27	17	16	0	0	0	0	0	0	
JUN	14	2	25	11	25	9	3	1	0	0	0	0	0	
JUL	11	2	28	24	18	6	3	1	0	0	0	0	0	
AUG	1	2	13	22	25	12	13	2	3	0	0	0	0	
SEP	7	4	27	13	20	11	6	1	1	0	0	0	0	
OCT	1	0	11	19	28	10	9	3	5	2	5	0	0	
NOV	1	1	8	10	22	12	20	5	10	0	1	0	0	
DEC	2	1	6	11	29	13	11	11	5	1	2	0	0	
J/Y	53	20	175	185	260	125	109	32	29	3	8	0	0	

K L I M A A T T A B E L L E — C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE EERSTE ORDE — FIRST ORDER STATIONS

12/251 CAPE ST BLAIZE VRT — ø 34°11'S P BY/AT 06PM HT 1·2M N5 — λ 22°09'E H 59M HR 1·2M N5

P IN MB / T IN°C / T' IN°C / U IN % / N IN 0-8

1959	08	14	20	08	14	20	08	14	20	08	14	20	08	14	20
JAN	1015·1	1014·2	-	19·4	21·8	-	17·5	18·8	-	82	74	-	4·0	3·9	-
FEB	1015·1	1014·2	-	20·0	22·7	-	18·8	20·5	-	89	81	-	4·5	3·4	-
MAR	1016·2	1015·5	1016·4	18·0	20·7	18·7	17·0	18·6	17·5	91	82	89	5·3	4·3	3·2
APR	1015·5	1014·5	1015·5	16·1	19·0	17·0	14·8	16·7	15·7	86	79	87	4·2	4·9	4·4
MAY	1014·3	1013·5	1014·6	13·9	17·5	15·3	12·1	14·6	13·5	80	72	81	3·9	4·6	3·2
JUN	1021·5	1020·5	1021·3	14·0	18·6	15·8	11·9	15·0	13·9	78	69	82	3·1	2·8	3·0
JUL	1022·8	1021·6	1022·5	13·5	18·1	15·2	11·6	14·9	13·6	79	71	82	3·2	2·7	2·7
AUG	1021·6	1020·7	1022·3	13·6	17·4	14·9	11·4	14·3	13·0	77	72	81	2·5	3·1	2·5
SEP	1020·1	1018·7	1019·3	14·1	17·3	15·8	12·3	14·9	14·0	80	77	81	4·5	3·8	3·7
OCT	1018·3	1017·4	1018·8	14·7	16·9	14·8	13·4	14·6	13·5	85	76	86	5·5	5·1	5·4
NOV	1018·2	1017·3	1018·1	18·0	19·4	17·8	16·3	17·1	16·2	83	78	84	4·9	4·1	4·1
DEC	1015·8	1014·7	1015·8	19·3	21·1	18·9	17·4	18·4	17·5	82	77	86	5·1	3·9	4·1
J/Y	1017·9	1016·9	-	16·2	19·2	-	14·5	16·5	-	83	76	-	4·2	3·9	-

UITERSTE TEMPERATURE / EXTREME TEMPERATURES / NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	22·9	17·4	20·1	-1·1	26·8	9	12·0	12	17·8	12	20·5	27	37·2	21·0	11
FEB	23·8	18·3	21·1	-0·2	26·5	24	15·5	20	21·0	12	20·0	28	42·2	20·5	12
MAR	22·0	16·7	19·3	-0·8	31·0	15	12·5	18	15·3	17	20·5	16	58·1	16·0	16
APR	20·8	14·8	17·8	-0·9	26·0	3	10·6	8	15·0	29	18·3	17	108·4	34·0	29
MAY	19·1	12·6	15·9	-1·2	22·6	19	8·2	15	14·1	15	15·4	20	37·1	14·0	15
JUN	19·8	12·5	16·1	0·3	27·9	13	9·0	4	15·5	8	16·3	19	4·4	3·0	8
JUL	19·6	12·0	15·8	0·9	27·4	30	9·5	24	15·2	13	15·2	6	80·2	60·3	13
AUG	19·5	11·6	15·5	0·2	28·7	22	6·6	7	13·6	2	18·0	12	56·3	19·5	30
SEP	19·5	12·4	15·9	0·2	33·0	29	7·5	13	12·5	12	16·4	30	16·7	7·0	12
OCT	18·6	13·0	15·8	-1·1	27·0	15	5·8	4	13·8	9	16·4	25	149·4	93·0	9
NOV	20·7	15·7	18·2	-0·3	23·6	25	8·6	1	15·6	2	18·8	24	7·9	5·5	1
DEC	22·3	16·9	19·6	-0·5	25·5	30	14·1	5	18·3	2	19·6	21	55·0	30·0	26
J/Y	20·7	14·5	17·6	-0·3	33·0	-	5·8	-	12·5	-	20·5	-	652·9	93·0	-

AANTAL DAE IN GEGEWE PERKE — NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN ≥0·1	/OF ≥1·0	RAIN ≥10	≥25	VAN ›35	/OF ›30	MAX TEMP ‹17·5	‹10	VAN ‹-2·5	/OF MIN TEMP ‹0·0	‹5	›20	R	▲	X	≡
JAN	10	6	1	0	0	0	0	0	0	0	0	3	-	0	0	0
FEB	9	5	1	0	0	0	0	0	0	0	0	0	0	0	0	1
MAR	11	9	2	0	0	1	1	0	0	0	0	1	2	1	0	7
APR	14	11	4	1	0	0	6	0	0	0	0	0	2	0	0	3
MAY	10	6	1	0	0	0	7	0	0	0	0	0	-	0	0	0
JUN	2	2	0	0	0	0	8	0	0	0	0	0	0	0	0	3
JUL	6	4	1	1	0	0	10	0	0	0	0	0	1	0	0	1
AUG	8	7	2	0	0	0	10	0	0	0	0	0	2	1	0	1
SEP	5	4	0	0	0	1	8	0	0	0	0	0	1	0	0	2
OCT	14	11	3	1	0	0	12	0	0	0	0	0	1	0	0	2
NOV	7	2	0	0	0	0	2	0	0	0	0	0	1	0	0	0
DEC	8	7	2	1	0	0	0	0	0	0	0	0	0	0	0	3
J/Y	104	74	17	4	0	2	64	0	0	0	0	4	-	2	0	23

17/582 CAPE ST FRANCIS VRT — ø 34°12'S P BY/AT 06PM HT 1·2M N6 — λ 24°50'E H 7M HR 1·2M N6

P IN MB / T IN°C / T' IN°C / U IN % / N IN 0-8

1959	08	14	20	08	14	20	08	14	20	08	14	20	08	14	20
JAN	1013·2	1012·2	-	19·5	21·4	-	18·4	19·8	-	89	86	-	4·3	4·1	-
FEB	1013·0	1012·7	-	19·7	22·4	-	18·9	20·8	-	92	86	-	4·6	3·6	-
MAR	1014·7	1013·7	-	18·5	20·5	-	17·8	19·4	-	93	90	-	4·3	3·8	-
APR	1013·5	1012·3	-	16·5	19·2	-	15·6	17·4	-	90	83	-	4·6	4·9	-
MAY	1012·3	1011·6	1012·9	14·4	17·8	15·6	13·0	15·9	14·6	85	80	89	4·1	4·2	3·8
JUN	1019·2	1018·3	1019·0	14·9	19·5	16·5	13·2	17·5	15·5	83	83	89	3·1	3·2	2·5
JUL	1020·9	1019·5	1020·5	13·7	18·6	15·8	12·4	16·1	14·6	86	78	87	3·8	3·2	2·4
AUG	1019·6	1018·4	1019·5	13·3	17·7	15·2	11·9	15·4	13·9	84	79	86	3·5	2·9	2·1
SEP	1017·9	1016·6	1017·3	15·1	17·5	16·0	14·0	16·1	15·1	89	86	90	3·5	3·5	1·7
OCT	1015·8	1014·7	1016·0	15·4	17·2	15·9	14·8	16·1	15·2	93	89	93	5·6	4·9	5·1
NOV	1016·2	1015·4	1016·4	17·4	19·6	17·9	16·7	18·4	17·3	93	90	93	4·1	3·8	4·1
DEC	1013·7	1012·6	1013·3	18·5	20·6	18·8	17·7	19·2	18·1	92	87	93	4·7	3·8	4·4
J/Y	1015·8	1014·8	-	16·4	19·3	-	15·4	17·7	-	89	85	-	4·2	3·8	-

UITERSTE TEMPERATURE / EXTREME TEMPERATURES / NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	22·5	16·0	19·3	-0·7	25·2	27	11·5	12	18·0	12	20·0	25	81·0	26·5	11
FEB	23·1	17·2	20·1	0·1	24·8	26	13·4	13	20·2	13	20·0	28	28·8	11·0	5
MAR	22·2	16·2	19·2	0·2	31·5	14	12·0	8	16·8	17	20·0	3	65·5	28·0	17
APR	20·4	14·4	17·4	-0·3	29·6	17	9·2	9	15·6	29	19·5	2	99·7	39·5	29
MAY	19·0	11·8	15·4	-0·9	24·0	19	8·2	1	15·5	15	15·2	19	72·9	18·5	14
JUN	20·5	11·8	16·1	1·2	27·6	19	7·2	25	15·0	3	15·5	16	80·1	32·5	8
JUL	19·8	11·4	15·6	1·4	29·0	27	7·5	16	16·5	24	15·5	3	31·1	12·5	14
AUG	19·0	11·0	15·0	0·3	31·0	12	6·4	3	13·4	7	17·4	11	104·9	35·0	1
SEP	18·8	12·4	15·6	0·4	27·0	29	7·4	10	14·0	12	17·2	30	40·9	20·6	12
OCT	18·2	13·5	15·9	-0·1	22·0	26	6·2	4	12·6	4	17·0	15	84·3	33·5	4
NOV	20·7	15·2	17·9	0·6	23·0	26	10·0	1	16·5	1	19·0	16	19·9	8·0	1
DEC	21·6	16·3	18·9	0·0	24·5	30	12·5	11	19·0	5	19·5	20	87·3	53·0	3
J/Y	20·5	13·9	17·2	0·2	31·5	-	6·2	-	12·6	-	20·0	-	796·4	53·0	-

AANTAL DAE IN GEGEWE PERKE — NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN ≥0·1	/OF ≥1·0	RAIN ≥10	≥25	VAN ›35	/OF ›30	MAX TEMP ‹17·5	‹10	VAN ‹-2·5	/OF MIN TEMP ‹0·0	‹5	›20	R	▲	X	≡
JAN	10	9	3	1	0	0	0	0	0	0	0	0	5	0	0	1
FEB	8	7	1	0	0	0	0	0	0	0	0	0	0	0	0	3
MAR	9	8	3	1	0	2	1	0	0	0	0	0	2	0	0	4
APR	13	11	3	1	0	0	4	0	0	0	0	0	3	0	0	0
MAY	9	8	4	0	0	0	3	0	0	0	0	0	-	0	0	0
JUN	8	8	3	1	0	0	4	0	0	0	0	0	-	0	0	0
JUL	8	5	1	0	0	0	7	0	0	0	0	0	-	0	0	0
AUG	12	11	4	1	0	1	11	0	0	0	0	0	0	0	0	2
SEP	7	7	1	0	0	0	7	0	0	0	0	0	1	0	0	0
OCT	13	10	3	1	0	0	12	0	0	0	0	0	1	0	0	0
NOV	7	5	0	0	0	0	1	0	0	0	0	0	0	0	0	4
DEC	11	5	3	1	0	0	0	0	0	0	0	0	0	0	0	5
J/Y	115	94	29	7	0	3	50	0	0	0	0	0	-	0	0	19

W I N D O N T L E D I N G W I N D A N A L Y S I S

12/251 CAPE ST BLAIZE ø 34°11'S λ 22°09'E H 59M HA -M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	2	3·1			2	9·5			5	6·6			12	5·6		
FEB	2	1·8			3	4·6			9	9·6			5	6·6		
MAR	3	4·0			2	3·6			11	10·0			12	4·9		
APR	5	3·1			5	2·0			5	6·6			8	5·1		
MAY	3	2·2			6	4·2			6	7·0			2	2·6		
JUN	8	3·9			5	2·5			2	5·4			0	0·0		
JUL	6	4·6			6	4·6			6	4·7			4	2·8		
AUG	5	3·6			7	5·4			3	8·2			8	4·0		
SEP	4	3·8			4	9·4			11	9·8			8	4·6		
OCT	1	1·5			2	6·4			14	14·1			10	9·1		
NOV	1	1·5			5	4·3			15	11·2			17	8·1		
DEC	3	2·6			3	3·4			11	13·6			18	8·1		
J/Y	43	3·4			50	4·7			98	10·1			104	6·4		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	7	6·2			16	7·2			2	4·1			5	3·3		
FEB	6	4·4			14	5·4			2	4·4			4	3·6		
MAR	16	4·2			20	5·3			3	5·8			9	4·2		
APR	8	4·1			28	5·3			10	9·5			15	4·9		
MAY	2	2·6			20	5·6			19	5·8			31	4·4		
JUN	4	3·1			26	4·0			17	5·5			22	5·0		
JUL	6	2·8			17	4·9			19	6·4			24	4·6		
AUG	12	5·9			15	6·8			14	6·9			24	5·4		
SEP	8	4·0			28	6·8			10	6·7			16	3·9		
OCT	8	8·6			27	7·3			18	7·2			9	3·6		
NOV	9	5·8			34	6·5			3	4·0			4	4·3		
DEC	9	6·7			39	6·3			4	6·8			3	4·0		
J/Y	95	5·1			284	6·0			121	6·5			166	4·5		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+ M/SEC
JAN	11	2	14	15	7	6	6	1	0	0	0	0	0
FEB	11	6	12	7	10	7	2	1	0	0	0	0	0
MAR	12	6	20	26	12	4	6	2	0	0	0	0	0
APR	6	13	24	18	14	6	5	2	1	1	0	0	0
MAY	4	10	23	26	16	10	3	1	0	0	0	0	0
JUN	6	11	27	24	13	8	1	0	0	0	0	0	0
JUL	5	5	28	33	9	9	4	0	0	0	0	0	0
AUG	5	3	23	28	16	9	6	3	0	0	0	0	0
SEP	1	4	18	27	18	12	10	0	0	0	0	0	0
OCT	4	2	16	26	10	14	9	5	2	2	2	1	0
NOV	2	5	14	25	12	16	8	6	1	1	0	0	0
DEC	3	1	16	27	15	13	12	4	0	2	0	0	0
J/Y	70	68	235	282	152	114	72	25	4	6	2	1	0

17/582 CAPE ST FRANCIS ø 34°12'S λ 24°50'E H 7M HA -M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	0	0·0			5	4·5			14	5·3			0	0·0		
FEB	0	0·0			0	0·0			13	5·8			0	0·0		
MAR	0	0·0			3	2·7			14	6·6			5	4·4		
APR	0	0·0			3	4·6			5	4·0			0	0·0		
MAY	3	2·6			7	3·1			5	5·0			1	3·6		
JUN	5	5·0			3	2·9			5	4·7			0	0·0		
JUL	6	2·6			3	3·6			11	4·2			1	1·5		
AUG	2	1·5			2	4·1			10	5·6			5	7·0		
SEP	2	2·1			9	3·6			16	7·3			2	5·1		
OCT	0	0·0			0	0·0			21	6·6			3	8·6		
NOV	0	0·0			0	0·0			23	6·8			8	6·4		
DEC	0	0·0			3	4·0			20	5·5			5	2·9		
J/Y	18	3·1			38	3·7			157	5·8			30	5·5		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	4	5·4			9	8·6			15	5·5			0	0·0		
FEB	1	2·6			14	6·8			17	5·4			0	0·0		
MAR	1	2·6			5	5·4			21	7·3			1	2·6		
APR	1	4·6			9	7·6			21	9·4			1	1·5		
MAY	3	2·9			2	3·1			38	7·6			9	3·4		
JUN	1	2·6			6	11·2			36	7·2			10	4·6		
JUL	1	3·1			11	4·2			22	7·3			4	4·4		
AUG	3	5·5			14	8·5			24	7·3			7	3·4		
SEP	3	2·9			26	7·5			19	7·1			0	0·0		
OCT	8	4·1			18	7·6			35	8·9			0	0·0		
NOV	7	2·9			3	11·8			29	6·2			0	0·0		
DEC	3	2·9			10	6·8			36	6·5			0	0·0		
J/Y	36	3·7			127	7·4			313	7·2			32	3·8		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+ M/SEC
JAN	15	3	11	13	9	8	1	0	2	0	0	0	0
FEB	11	4	7	10	16	6	2	0	0	0	0	0	0
MAR	12	2	12	13	9	8	5	1	0	0	0	0	0
APR	20	2	5	10	7	8	5	1	2	0	0	0	0
MAY	24	3	21	18	11	8	4	2	1	0	0	0	0
JUN	24	4	19	6	19	8	6	3	1	0	0	0	0
JUL	34	8	19	10	10	7	5	0	0	0	0	0	0
AUG	26	8	10	14	18	8	7	2	0	0	0	0	0
SEP	13	8	11	18	14	17	6	3	0	0	0	0	0
OCT	8	5	11	20	13	15	16	3	2	0	0	0	0
NOV	20	6	19	7	19	9	7	3	0	0	0	0	0
DEC	16	7	20	12	18	15	4	1	0	0	0	0	0
J/Y	223	60	165	151	163	117	68	19	8	0	0	0	0

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

20/719C TABLE MT HOUSE ø 33°59' S P BY/AT -GPM HT 1·2M A6
x 18°24' E H 761M HR 1·2M A6

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	-	-	-	14·4	16·6	15·5	12·5	13·6	12·2	81	73	87	4·6	3·7	4·5
FEB	-	-	-	15·8	18·9	15·5	13·3	15·3	13·5	79	71	82	4·8	3·5	4·6
MAR	-	-	-	14·6	17·1	14·5	11·6	13·5	12·0	73	70	78	4·5	3·8	4·2
APR	-	-	-	11·7	13·6	11·7	9·8	11·1	10·2	81	77	85	5·1	5·2	5·3
MAY	-	-	-	8·6	9·6	9·4	7·8	8·7	8·4	92	90	90	6·7	6·5	6·6
JUN	-	-	-	10·0	12·3	10·5	7·2	9·0	7·7	70	68	72	3·8	3·4	3·8
JUL	-	-	-	9·3	11·6	9·6	7·0	8·3	7·2	76	69	74	3·9	3·4	2·8
AUG	-	-	-	9·5	11·3	9·8	7·1	8·4	7·5	77	74	77	4·6	4·6	3·9
SEP	-	-	-	11·1	14·2	11·7	7·3	9·7	7·9	63	61	64	4·4	4·2	3·3
OCT	-	-	-	9·8	12·1	9·8	8·1	9·5	8·2	81	75	84	5·5	5·1	6·1
NOV	-	-	-	12·3	14·9	12·4	10·4	12·3	11·0	81	77	86	4·1	4·0	4·0
DEC	-	-	-	13·6	15·5	13·3	11·9	13·2	12·0	83	79	87	4·5	5·3	4·9
J/Y	-	-	-	11·7	14·0	11·8	9·5	11·1	9·8	78	74	81	4·7	4·4	4·5

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	18·7	11·4	15·1	-1·3	29·2	30	7·0	12	11·6	12	18·4	31	38·5	15·0	9
FEB	21·4	13·1	17·3	0·4	31·1	4	9·2	20	13·7	19	17·8	10	24·8	8·5	12
MAR	18·3	12·5	15·4	-0·7	29·4	13	7·6	9	11·7	17	22·2	14	110·3	53·0	3
APR	15·1	9·7	12·4	-1·5	26·0	17	5·8	8	7·5	29	19·0	17	257·2	77·0	11
MAY	11·0	7·2	9·1	-2·7	20·0	18	2·3	15	7·5	15	11·2	18	478·6	68·5	10
JUN	13·9	8·0	10·9	0·4	20·5	12	3·2	4	7·0	24	17·2	13	62·1	29·5	23
JUL	13·1	7·0	10·1	1·1	19·5	30	3·8	23	7·0	23	14·0	2	74·2	15·5	2
AUG	12·6	7·8	10·2	0·7	22·7	20	2·4	7	5·6	6	18·5	11	181·0	38·0	29
SEP	16·0	8·3	12·1	2·0	28·6	29	1·0	13	6·0	12	18·2	29	113·0	32·0	20
OCT	13·7	7·4	10·5	-1·2	28·1	14	1·7	4	7·7	4	10·5	15	88·8	25·3	28
NOV	16·8	9·9	13·3	-0·6	29·0	22	4·4	1	8·2	1	15·2	23	13·4	11·0	17
DEC	17·1	10·9	14·0	-0·9	25·2	20	7·8	5	10·8	4	14·3	20	53·0	22·5	16
J/Y	15·6	9·4	12·5	-0·4	31·1	-	1·0	-	5·6	-	22·2	-	1494·9	77·0	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	R	▲	✕	≡
JAN	7	6	1	0	0	0	14	0	0	0	0	0	-	0	0	12
FEB	5	4	0	0	0	1	7	0	0	0	0	0	-	0	0	15
MAR	10	9	3	1	0	0	17	0	0	0	0	2	-	0	0	14
APR	17	15	9	3	0	0	21	3	0	0	0	0	-	0	0	16
MAY	25	24	15	5	0	0	30	12	0	0	2	0	-	0	0	24
JUN	8	7	2	1	0	0	24	7	0	0	2	0	-	0	0	11
JUL	12	9	2	0	0	0	24	10	0	0	4	0	-	0	0	11
AUG	18	15	5	3	0	0	24	12	0	0	7	0	-	0	1	19
SEP	11	8	5	2	0	0	17	6	0	0	5	0	-	0	0	19
OCT	15	12	3	1	0	0	24	10	0	0	4	0	-	0	0	19
NOV	5	2	1	0	0	0	17	1	0	0	1	0	-	0	0	17
DEC	10	8	1	0	0	0	17	0	0	0	0	0	-	0	0	20
J/Y	143	119	47	16	0	1	236	61	0	0	25	2	-	0	1197	

21/178 D F MALAN WEERKANTOOR WEATHER OFFICE ø 33°58' S P BY/AT 0GPM HT 1·2M H9
x 18°36' E H 44M HR 1·2M H9

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	1014·5	1014·2	1014·5	18·8	23·0	18·8	15·9	17·1	15·9	72	53	72	2·7	2·3	2·1
FEB	1013·6	1013·2	1013·3	19·1	25·3	19·4	16·7	19·0	16·9	78	53	77	2·5	2·1	2·1
MAR	1015·5	1014·8	1015·0	16·6	23·7	17·5	14·8	17·2	16·3	82	50	79	3·6	2·4	2·6
APR	1015·7	1014·9	1015·8	13·2	19·6	15·1	12·3	15·3	13·8	90	63	86	4·3	3·9	3·4
MAY	1014·4	1013·7	1014·6	10·8	16·5	12·9	10·2	13·4	11·9	92	70	87	5·7	5·1	4·2
JUN	1021·7	1020·5	1021·5	9·0	17·1	11·3	8·2	13·4	10·3	91	65	88	4·2	3·4	2·6
JUL	1022·8	1021·8	1022·5	7·4	17·6	10·2	6·8	13·1	9·3	92	58	89	2·5	2·8	2·2
AUG	1021·9	1021·2	1022·0	9·6	18·1	12·0	8·5	13·2	10·5	87	57	83	3·8	3·8	2·6
SEP	1019·3	1018·2	1018·6	11·1	19·9	13·3	10·1	14·1	11·8	88	52	83	4·3	3·4	1·9
OCT	1017·9	1017·0	1017·6	13·9	19·7	14·0	12·1	14·1	12·0	81	51	78	5·0	3·8	3·7
NOV	1016·7	1015·7	1016·0	17·4	22·4	16·8	14·3	16·3	14·4	70	51	76	2·8	1·8	2·3
DEC	1014·6	1014·1	1014·2	19·1	23·1	18·4	15·8	17·5	15·9	70	56	77	3·4	3·2	2·6
J/Y	1017·4	1016·6	1017·1	13·8	20·5	15·0	12·1	15·3	13·2	83	57	81	3·7	3·2	2·7

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	24·8	14·4	19·6	-0·9	32·1	30	8·4	3	18·7	12	17·6	9	11·4	4·5	11
FEB	25·7	16·1	21·4	0·5	33·3	4	9·4	21	22·1	26	20·6	12	6·7	3·8	26
MAR	24·6	13·7	19·1	-0·5	35·4	15	7·0	22	19·3	17	17·8	15	28·3	18·1	3
APR	20·8	10·9	15·9	-1·2	29·1	17	4·7	24	14·9	29	15·9	18	114·2	44·5	11
MAY	17·4	9·3	13·3	-1·3	25·6	18	2·2	16	14·4	24	13·3	8	173·0	26·4	6
JUN	17·7	6·9	12·3	-0·7	26·5	29	1·8	4	14·1	24	13·1	6	15·6	10·6	23
JUL	18·0	5·2	11·6	-0·5	23·3	30	2·0	29	14·3	7	9·0	3	23·2	8·2	2
AUG	18·9	7·1	13·0	0·1	28·3	22	1·8	7	13·0	6	13·0	13	75·4	20·2	15
SEP	20·7	7·0	13·9	0·0	36·3	29	-0·2	13	13·2	12	13·6	30	35·5	11·4	20
OCT	20·8	9·5	15·1	-1·0	29·1	20	1·3	6	14·5	4	14·3	8	42·8	15·7	30
NOV	23·6	12·2	17·9	-0·1	31·0	22	5·4	8	16·6	1	16·1	14	3·7	3·7	17
DEC	24·7	14·6	19·7	0·2	31·2	30	9·7	15	20·0	17	18·7	29	3·3	2·5	3
J/Y	21·6	10·6	16·1	-0·4	36·3	-	-0·2	-	13·0	-	20·6	-	531·1	44·5	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	R	▲	✕	≡
JAN	7	3	0	0	0	1	0	0	0	0	0	0	-	0	0	2
FEB	4	3	0	0	0	4	0	0	0	0	0	1	-	0	0	2
MAR	9	5	1	0	1	2	0	0	0	0	0	0	0	0	0	5
APR	14	10	4	1	0	0	5	0	0	0	2	0	3	0	0	4
MAY	22	17	8	1	0	0	19	0	0	0	4	0	1	1	0	2
JUN	5	3	1	0	0	0	18	0	0	0	9	0	0	0	0	11
JUL	9	7	0	0	0	0	16	0	0	0	16	0	0	0	0	4
AUG	12	7	3	0	0	0	15	0	0	0	10	0	0	0	0	3
SEP	6	6	1	0	1	1	6	0	0	1	8	0	0	0	0	5
OCT	10	6	1	0	0	0	4	0	0	0	3	0	1	1	0	1
NOV	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	3
DEC	5	1	0	0	0	4	0	0	0	0	0	0	0	0	0	2
J/Y	104	69	19	2	2	13	84	0	0	1	52	1	-	2	0	44

W I N D O N T L E D I N G W I N D A N A L Y S I S

20/719C TABLE MT HOUSE ø 33°59' S λ 18°24' E H 761M HA 5M

WINDRIGTINGSFREKWENSIE ND EN WIND DIRECTION FREQUENCY ND AND GEMIDDELDE SPOED VM IN M/SEK AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	0	0.0			0	0.0			4	4.5			46	8.6		
FEB	0	0.0			3	6.5			5	5.8			43	8.4		
MAR	1	5.1			2	7.7			6	5.0			31	9.2		
APR	1	2.6			1	5.1			1	2.6			17	8.4		
MAY	1	5.1			12	6.7			1	2.6			16	6.1		
JUN	3	5.1			7	4.1			2	5.1			10	4.6		
JUL	1	10.3			5	4.1			4	3.9			14	7.7		
AUG	0	0.0			9	6.7			0	0.0			21	5.7		
SEP	0	0.0			3	2.6			3	2.6			13	7.7		
OCT	2	6.4			5	4.1			2	2.6			28	8.8		
NOV	0	0.0			7	4.4			3	4.3			58	8.5		
DEC	0	0.0			4	3.9			2	2.6			43	9.5		
J/Y	9	5.7			58	5.2			33	4.2			340	8.2		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	1	4.6			11	3.6			6	4.3			5	4.9		
FEB	2	3.1			3	3.8			1	2.6			2	2.6		
MAR	1	2.6			7	3.7			0	0.0			16	5.8		
APR	1	2.6			7	5.9			5	6.0			26	6.7		
MAY	0	0.0			9	5.5			4	3.9			43	9.5		
JUN	3	3.4			6	4.7			1	10.3			32	7.1		
JUL	1	5.1			2	6.4			2	12.1			23	6.6		
AUG	0	0.0			8	4.8			0	0.0			33	8.6		
SEP	0	0.0			6	3.9			5	4.6			17	7.2		
OCT	2	2.6			14	5.1			4	5.8			17	5.9		
NOV	0	0.0			6	3.4			0	0.0			5	4.6		
DEC	1	2.6			10	5.1			0	0.0			12	4.5		
J/Y	12	3.2			89	4.6			28	5.5			231	7.6		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0.0-1.0	1.1-1.5	1.6-3.3	3.4-5.4	5.5-7.9	8.0-10.7	10.8-13.8	13.9-17.1	17.2-20.7	20.8-24.4	24.5-28.4	28.5-32.6	32.7+	M/SEK M/SEC
JAN	20	1	18	18	13	10	9	3	1	0	0	0	0	
FEB	24	1	10	12	14	12	9	1	0	0	0	0	0	
MAR	29	0	13	16	11	19	5	0	0	0	0	0	0	
APR	31	0	18	8	15	13	4	1	0	0	0	0	0	
MAY	7	0	15	23	17	16	11	2	2	0	0	0	0	
JUN	26	0	21	20	11	10	1	0	1	0	0	0	0	
JUL	41	0	9	23	8	7	3	1	1	0	0	0	0	
AUG	22	0	16	21	13	13	5	1	2	0	0	0	0	
SEP	43	0	18	11	7	8	2	0	1	0	0	0	0	
OCT	19	0	21	15	18	16	4	0	0	0	0	0	0	
NOV	11	0	19	13	16	25	4	2	0	0	0	0	0	
DEC	21	0	16	15	17	12	9	2	1	0	0	0	0	
J/Y	294	2	194	195	160	161	66	13	9	0	0	0	0	

21/178 D F MALAN ø 33°58' S λ 18°36' E H 44M HA 12M

WINDRIGTINGSFREKWENSIE ND EN WIND DIRECTION FREQUENCY ND AND GEMIDDELDE SPOED VM IN M/SEK AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	8	3.0	2	2.2	1	1.3	0	0.0	0	0.0	0	0.0	4	3.9	37	6.6
FEB	3	1.8	3	2.1	11	4.1	1	1.8	1	1.8	0	0.0	4	2.9	51	7.6
MAR	28	4.6	7	2.7	10	2.1	2	1.6	1	2.7	0	0.0	11	4.9	30	6.0
APR	30	4.6	23	4.9	27	3.2	0	0.0	0	0.0	0	0.0	7	4.9	51	5.9
MAY	145	7.6	87	6.9	60	4.1	8	5.3	1	3.1	0	0.0	0	0.0	11	3.0
JUN	69	4.8	44	5.0	53	4.2	4	3.0	0	0.0	0	0.0	1	1.3	16	3.1
JUL	43	3.6	33	3.6	60	3.5	3	2.5	0	0.0	1	1.3	20	2.7	34	3.9
AUG	121	7.4	22	4.0	55	2.8	0	0.0	0	0.0	3	3.6	31	5.6	48	4.9
SEP	27	5.2	9	3.2	25	3.0	0	0.0	0	0.0	3	1.5	7	3.1	80	5.8
OCT	24	4.3	6	2.8	12	2.4	0	0.0	0	0.0	3	2.1	80	7.4	74	7.2
NOV	5	5.5	2	7.4	0	0.0	0	0.0	1	1.3	1	1.3	18	5.3	92	7.6
DEC	8	5.5	3	2.7	2	1.3	0	0.0	0	0.0	1	1.3	23	7.5	140	8.0
J/Y	511	6.1	241	5.1	316	3.5	18	3.7	4	2.2	12	2.1	206	6.0	664	6.6

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	326	7.5	143	6.3	74	3.9	18	3.5	3	3.0	2	2.5	23	5.4	18	4.8
FEB	297	7.1	98	5.5	101	4.0	7	3.1	8	2.0	0	0.0	3	4.8	6	3.7
MAR	218	6.7	63	5.2	75	3.5	3	1.5	0	0.0	1	1.8	53	5.5	42	4.0
APR	97	6.8	25	4.1	36	2.9	7	3.1	11	4.7	7	4.2	88	4.9	60	4.4
MAY	47	5.5	14	3.1	32	2.6	2	2.7	4	4.2	6	6.8	83	5.9	93	5.8
JUN	86	4.5	35	3.4	38	2.4	11	2.4	1	3.6	2	6.9	33	4.3	45	5.3
JUL	42	4.2	27	3.5	11	2.4	2	2.9	1	1.8	1	3.6	40	4.6	34	4.5
AUG	53	5.4	25	4.1	23	3.0	7	4.2	8	5.8	14	4.7	41	7.3	51	6.3
SEP	58	4.7	35	4.2	47	3.4	13	4.2	3	4.0	6	5.0	47	4.2	55	6.2
OCT	96	6.7	35	3.7	39	3.6	25	5.3	11	4.4	12	5.1	88	5.4	57	5.0
NOV	290	8.1	109	6.5	52	4.2	4	2.4	3	1.5	4	2.5	27	4.8	16	2.7
DEC	231	8.0	88	4.8	47	4.3	8	4.1	4	2.0	2	2.0	42	6.3	27	5.3
J/Y	1841	7.0	697	5.2	575	3.6	107	3.8	57	3.8	57	4.6	578	5.4	504	5.2

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0.0-1.0	1.1-1.5	1.6-3.3	3.4-5.4	5.5-7.9	8.0-10.7	10.8-13.8	13.9-17.1	17.2-20.7	20.8-24.4	24.5-28.4	28.5-32.6	32.7+	M/SEK M/SEC
JAN	85	28	84	157	222	120	46	2	0	0	0	0	0	
FEB	78	20	98	152	186	105	33	0	0	0	0	0	0	
MAR	190	41	114	161	150	78	10	0	0	0	0	0	0	
APR	241	40	111	144	103	55	16	0	0	0	0	0	0	
MAY	151	34	115	140	160	115	29	0	0	0	0	0	0	
JUN	282	47	130	154	87	14	6	0	0	0	0	0	0	
JUL	339	46	127	117	48	14	0	0	0	0	0	0	0	
AUG	242	49	104	115	129	78	24	3	0	0	0	0	0	
SEP	305	20	115	152	86	35	7	0	0	0	0	0	0	
OCT	182	38	117	135	161	80	31	0	0	0	0	0	0	
NOV	96	30	61	121	187	157	56	12	0	0	0	0	0	
DEC	118	25	77	148	171	110	86	9	0	0	0	0	0	
J/Y	2309	418	1253	1696	1690	961	344	26	0	0	0	0	0	

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

21/860 BIEN DONNE — LANDBOU AGRIC — φ 33°50'S λ 18°59'E — P BY/AT ~GPM H 138M — HT 1·2M HR 1·2M — M1 M1

% DONDER, ♣ HAEL, ✱ SNEEU, ≡ MIS, D DATUM, δ PERSENTASIE

1959	P IN MB 08	14	20	T IN °C 08	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	-	-	-	19·2	27·2	-	15·3	18·0	-	70	55	-	2·4	2·0	-
FEB	-	-	-	20·0	29·1	-	16·5	19·5	-	68	36	-	2·0	2·1	-
MAR	-	-	-	16·6	26·4	-	14·3	18·0	-	77	42	-	3·1	2·5	-
APR	-	-	-	12·6	20·7	-	11·7	15·6	-	89	55	-	3·7	4·0	-
MAY	-	-	-	10·5	15·7	-	10·0	12·8	-	93	70	-	5·9	5·6	-
JUN	-	-	-	6·3	18·4	-	5·8	13·7	-	93	56	-	3·3	2·8	-
JUL	-	-	-	5·1	17·9	-	4·7	13·0	-	94	54	-	2·5	2·8	-
AUG	-	-	-	7·3	17·8	-	6·6	12·9	-	76	54	-	3·3	3·7	-
SEP	-	-	-	10·3	21·3	-	9·1	14·2	-	85	41	-	4·4	3·1	-
OCT	-	-	-	14·0	20·6	-	11·7	14·2	-	75	43	-	4·6	4·1	-
NOV	-	-	-	18·4	26·3	-	14·2	17·5	-	61	37	-	2·0	1·8	-
DEC	-	-	-	19·3	26·6	-	15·4	17·9	-	64	38	-	2·9	2·2	-
J/Y	-	-	-	13·3	22·3	-	11·3	15·6	-	79	47	-	3·3	3·1	-

TXX HOOGSTE WAKS TEMP, TNN LAAGSTE WIN TEMP, TXN LAAGSTE WAKS TEMP, TNX HOOGSTE WIN TEMP, R TOTALE REËNVAL, RX MAKSIMUM REËNVAL, GPM GEOPOTENSIALE METERS, HT HOOGTE VAN DROËBOL TERM, HR HOOGTE VAN REËNMETER, HA HOOGTE VAN ANEMOGRAAF

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	/ D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	28·4	14·5	21·5	-	37·2	30	8·9	17	18·5	12	20·7	23	31·6	13·7	11
FEB	30·2	16·3	23·3	-	38·8	4	9·3	22	22·7	19	22·0	11	11·3	9·1	12
MAR	27·5	14·1	20·8	-	38·0	13	5·8	22	20·4	17	19·6	6	25·1	13·0	3
APR	22·2	10·8	16·5	-	33·7	17	4·5	24	13·6	29	17·9	18	115·8	27·4	30
MAY	16·8	9·0	12·9	-	26·1	18	3·0	15	13·0	14	12·6	8	320·1	39·9	7
JUN	19·2	5·0	12·1	-	25·6	13	0·2	4	12·9	24	11·0	21	35·7	15·8	23
JUL	18·9	3·4	11·1	-	26·0	30	0·1	23	13·7	7	11·1	3	17·5	7·1	2
AUG	19·1	5·7	12·4	-	28·0	20	-0·3	7	10·7	6	12·7	29	91·6	32·5	15
SEP	22·4	6·9	14·7	-	36·5	29	0·9	13	12·8	12	15·8	6	35·2	11·7	11
OCT	21·7	10·8	16·3	-	32·2	25	2·4	5	13·9	4	16·7	25	72·3	29·2	30
NOV	27·5	13·9	20·7	-	36·9	22	6·8	1	17·1	1	20·5	22	1·6	1·3	17
DEC	27·6	15·1	21·3	-	34·9	31	8·3	10	20·8	4	20·2	31	12·8	10·9	3'
J/Y	23·5	10·5	17·0	-	38·8	-	-0·3	-	10·7	-	22·0	-	770·6	39·9	-

GEMIDDELDE LUGDRUK, GEMIDDELDE DROËBOL TEMP, GEMIDDELDE NATBOL TEMP, GEMIDDELDE RELATIEWE VOG, GEM WOLKSHOEVEELHEID, GEMIDDELDE MAKSIMUM TEMP, GEMIDDELDE MINIMUM TEMP, TX + TN / 2, ΔTM AFWYKING VAN DIE NORMAAL, H HOOGTE VAN STASIE

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	%	♣	✱	≡
JAN	5	4	1	0	2	8	0	0	0	0	0	1	2	0	0	0
FEB	6	2	0	0	3	14	0	0	0	0	0	3	0	0	0	2
MAR	7	2	1	0	3	6	0	0	0	0	0	0	2	0	0	3
APR	13	10	6	1	0	1	5	0	0	0	0	1	0	2	0	0	3
MAY	20	18	12	4	0	0	21	0	0	0	0	5	0	2	1	0	2
JUN	4	3	1	0	0	0	9	0	0	0	0	16	0	-	0	0	5
JUL	11	5	0	0	0	0	13	0	0	0	0	23	0	0	0	0	2
AUG	11	6	3	1	0	0	15	0	0	0	1	14	0	0	0	0	5
SEP	8	6	1	0	1	2	6	0	0	0	0	11	0	0	0	0	-
OCT	10	8	2	1	0	3	8	0	0	0	0	2	0	1	0	0	1
NOV	2	1	0	0	1	7	1	0	0	0	0	0	1	0	0	0	2
DEC	4	1	1	0	0	9	0	0	0	0	0	0	1	0	0	0	0
J/Y	101	66	28	7	10	50	78	0	0	1	70	6	-	1	0	-	

23/710 ROBERTSON — LANDBOU AGRIC — φ 33°50'S λ 19°54'E — P BY/AT 0GPM H 156M — HT 1·2M HR 1·2M — M2 M2

% THUNDER, ♣ HAIL, ✱ SNOW, ≡ FOG, D DATE, δ PERCENTAGE

1959	P IN MB 08	14	20	T IN °C 08	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	1015·0	1012·9	1013·7	16·4	27·2	22·1	-	18·2	16·7	-	40	57	3·4	2·7	3·5
FEB	1014·7	1013·1	1013·4	17·5	28·0	22·9	-	19·8	18·6	-	45	65	4·0	2·6	3·1
MAR	1016·2	1014·7	1015·1	15·4	26·1	21·1	-	18·4	16·8	-	46	64	4·4	3·0	3·7
APR	1015·9	1014·3	1014·9	12·3	22·2	17·8	-	15·7	14·3	-	50	69	3·9	3·8	3·6
MAY	1014·6	1013·7	1013·8	10·2	17·9	13·6	-	13·1	11·4	-	55	76	3·8	4·0	3·9
JUN	1021·8	1020·6	1020·9	6·8	18·3	12·6	-	13·0	10·4	-	52	76	2·7	2·1	1·7
JUL	1023·1	1021·9	1022·1	5·1	17·6	11·8	-	12·7	10·1	-	56	80	3·4	2·4	2·0
AUG	1022·2	1021·1	1021·7	6·7	19·3	12·8	-	13·4	10·5	-	49	74	2·9	2·5	2·3
SEP	1020·1	1018·1	1018·1	8·8	22·1	16·6	-	14·2	12·4	-	39	60	3·3	2·6	2·1
OCT	1018·6	1016·7	1017·5	12·9	21·7	16·6	-	14·8	12·8	-	45	63	4·4	3·7	4·2
NOV	1017·9	1015·5	1016·9	16·3	26·2	20·0	-	17·6	15·4	-	39	59	4·0	2·4	3·8
DEC	1015·7	1013·4	1014·2	17·7	27·7	21·6	-	18·4	16·4	-	37	57	3·4	2·8	2·7
J/Y	1018·0	1016·3	1016·9	12·2	22·9	17·5	-	15·8	13·8	-	46	67	3·6	2·9	3·1

TXX HIGHEST MAX TEMP, TNN LOWEST MIN TEMP, TXN LOWEST MAX TEMP, TNX HIGHEST MIN TEMP, R TOTAL RAINFALL, RX MAXIMUM RAINFALL, GPM GEOPOTENTIAL METRES, HT HEIGHT OF DRY BULB THERM, HR HEIGHT OF RAINGAUGE, HA HEIGHT OF ANEMOGRAPH

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	/ D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·2	14·0	21·6	-	35·3	30	9·0	13	18·0	12	19·5	25	14·9	11·0	11
FEB	30·1	15·9	23·0	-	35·7	23	9·4	20	20·9	12	20·3	11	30·4	25·0	12
MAR	27·8	14·2	21·0	-	37·8	14	7·5	10	15·8	17	19·4	1	16·2	6·0	16
APR	23·6	11·1	17·3	-	35·4	17	5·6	22	12·6	29	17·4	18	57·2	12·5	28
MAY	18·9	8·7	13·8	-	24·5	5	3·4	29	12·9	14	14·0	8	46·0	18·0	14
JUN	19·7	5·1	12·4	-	27·5	13	0·5	26	13·4	6	13·0	8	5·7	4·0	2
JUL	19·1	3·9	11·5	-	27·6	30	-0·3	10	11·7	13	11·5	3	27·9	14·0	13
AUG	20·4	5·4	12·9	-	27·6	23	-1·4	7	12·4	6	13·3	29	36·5	10·5	15
SEP	23·6	7·0	15·3	-	38·5	29	0·7	13	12·1	12	14·5	7	8·9	3·0	21
OCT	22·8	10·4	16·6	-	31·1	20	3·1	6	14·1	4	15·0	27	32·6	10·5	30
NOV	27·5	13·0	20·3	-	34·3	22	6·9	3	17·4	1	18·6	24	0·0	0·0	-
DEC	29·2	14·1	21·7	-	34·1	7	9·0	6	21·5	17	20·1	21	5·7	3·0	16
J/Y	24·3	10·2	17·3	-	38·5	-	-1·4	-	11·7	-	20·3	-	262·0	25·0	-

P MEAN PRESSURE, T MEAN DRY BULB TEMP, T' MEAN WET BULB TEMP, U MEAN RELATIVE HUMIDITY, N MEAN CLOUD AMOUNT, TX MEAN MAXIMUM TEMP, TN MEAN MINIMUM TEMP, TM TX + TN / 2, ΔTM DEVIATION FROM NORMAL, H HEIGHT OF STATION

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	%	♣	✱	≡
JAN	5	2	1	0	1	14	0	0	0	0	0	0	2	0	0	0
FEB	5	4	1	1	3	15	0	0	0	0	0	1	-	0	0	0
MAR	6	6	0	0	2	12	1	0	0	0	0	0	1	0	0	2
APR	14	10	3	0	1	4	4	0	0	0	0	0	-	0	0	4
MAY	14	7	2	0	0	0	7	0	0	0	0	5	0	0	1	4
JUN	2	2	0	0	0	0	8	0	0	0	0	15	0	0	0	4
JUL	8	6	1	0	0	0	11	0	0	0	1	23	0	0	0	0	11
AUG	8	8	1	0	0	0	8	0	0	0	1	16	0	0	0	0	2
SEP	4	3	0	0	1	2	3	0	0	0	0	8	0	0	0	1	2
OCT	7	6	1	0	0	1	5	0	0	0	0	1	0	0	1	0	0
NOV	0	0	0	0	0	9	1	0	0	0	0	0	0	0	0	0	0
DEC	3	3	0	0	0	14	0	0	0	0	0	1	1	0	0	0	0
J/Y	76	57	10	1	8	71	48	0	0	2	68	2	-	1	2	29	

W I N D O N T L E D I N G W I N D A N A L Y S I S

21/860 BIEN DONNE ø 33°50'S λ 18°59'E H 138M HA 14M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	17	3·1	3	2·2	3	2·7	0	0·0	2	1·6	1	1·3	217	5·6	175	4·7
FEB	4	3·6	2	4·2	2	2·5	0	0·0	1	2·7	1	1·3	162	5·8	208	6·3
MAR	28	3·7	5	2·7	1	2·7	0	0·0	0	0·0	2	2·0	212	5·5	127	5·5
APR	60	4·0	9	2·9	3	1·3	3	2·7	0	0·0	6	1·9	90	4·7	96	4·0
MAY	164	5·4	2	6·0	1	2·7	2	2·0	1	2·2	12	3·1	71	4·2	34	2·8
JUN	49	3·6	6	1·5	7	1·8	0	0·0	3	1·3	3	1·5	20	3·2	95	2·5
JUL	33	3·4	1	1·8	0	0·0	0	0·0	1	1·8	9	2·3	53	3·2	80	2·6
AUG	100	4·7	3	1·9	1	3·1	4	1·9	1	1·8	5	2·5	87	4·0	102	2·8
SEP	19	4·1	8	2·2	1	1·8	1	1·3	2	2·7	0	0·0	97	4·1	86	2·5
OCT	41	3·3	8	2·5	2	1·6	3	2·2	2	2·0	8	3·1	182	5·4	120	6·0
NOV	10	3·9	4	2·0	1	1·3	2	2·0	2	1·8	4	2·0	324	5·6	141	5·7
DEC	29	3·9	4	2·5	7	2·7	1	1·3	3	1·7	3	5·5	204	6·2	183	6·6
J/Y	554	4·3	55	2·5	29	2·2	16	2·1	18	1·9	54	2·6	1719	5·3	1447	4·8

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	80	3·9	19	4·4	13	4·7	14	3·8	7	3·6	31	3·6	52	3·3	23	2·8
FEB	114	3·9	10	3·3	6	4·4	0	0·0	1	2·2	8	2·1	49	2·7	15	2·6
MAR	31	2·7	4	3·5	12	4·8	2	1·8	5	3·0	38	3·5	71	3·5	30	3·0
APR	50	2·4	1	1·3	3	1·7	1	1·8	0	0·0	30	3·6	76	3·3	99	3·9
MAY	43	2·6	4	2·2	1	1·3	2	2·0	8	2·0	32	3·0	84	3·9	149	4·6
JUN	44	2·3	12	3·3	7	2·7	2	1·6	7	2·2	27	2·5	58	2·8	55	3·1
JUL	82	2·5	2	4·9	2	3·8	1	2·2	3	3·3	25	3·1	65	3·0	36	2·8
AUG	72	2·5	3	1·7	1	6·3	1	4·0	2	3·4	23	2·8	50	3·3	57	3·4
SEP	77	2·5	10	3·0	5	3·1	1	4·5	9	3·5	42	3·6	74	2·9	69	4·0
OCT	37	2·9	12	3·1	10	3·8	2	2·5	6	2·9	80	4·3	50	3·5	71	3·2
NOV	67	4·7	18	4·4	2	3·6	2	2·2	3	1·9	12	3·0	21	3·7	22	2·9
DEC	64	3·6	15	4·2	10	4·2	4	3·7	6	2·8	30	4·2	39	3·7	41	3·8
J/Y	761	3·2	110	3·7	72	4·0	32	3·1	57	2·8	378	3·5	689	3·3	667	3·7

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	87	34	143	271	198	11	0	0	0	0	0	0	0	
FEB	89	31	119	179	200	54	0	0	0	0	0	0	0	
MAR	176	23	134	250	153	8	0	0	0	0	0	0	0	
APR	193	62	173	200	86	6	0	0	0	0	0	0	0	
MAY	134	27	168	281	133	1	0	0	0	0	0	0	0	
JUN	325	76	208	102	9	0	0	0	0	0	0	0	0	
JUL	351	68	199	114	12	0	0	0	0	0	0	0	0	
AUG	232	48	217	197	50	0	0	0	0	0	0	0	0	
SEP	219	72	192	211	25	1	0	0	0	0	0	0	0	
OCT	110	38	170	249	132	42	3	0	0	0	0	0	0	
NOV	85	12	105	248	245	18	7	0	0	0	0	0	0	
DEC	101	26	117	217	216	56	11	0	0	0	0	0	0	
J/Y	2102	517	1945	2519	1459	197	21	0	0	0	0	0	0	

23/710 ROBERTSON ø 33°50'S λ 19°54'E H 156M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	0	0·0			9	3·5			4	2·6			39	3·9		
FEB	0	0·0			2	3·1			9	3·7			32	2·9		
MAR	0	0·0			6	2·6			8	3·2			28	3·2		
APR	0	0·0			13	3·4			6	3·2			5	3·6		
MAY	1	2·6			1	2·6			0	0·0			3	2·6		
JUN	0	0·0			4	3·8			1	5·1			2	2·6		
JUL	0	0·0			7	2·4			1	2·6			5	2·6		
AUG	0	0·0			3	2·6			4	2·6			6	3·9		
SEP	1	2·1			9	3·6			8	3·9			10	3·3		
OCT	0	0·0			6	2·8			12	3·4			26	5·1		
NOV	1	2·6			3	3·1			10	4·2			49	4·0		
DEC	0	0·0			3	3·4			13	3·9			35	3·8		
J/Y	3	2·4			66	3·1			76	3·6			239	3·7		

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	0	0·0			3	4·1			3	5·1			10	5·2		
FEB	1	2·6			1	5·1			0	0·0			3	4·6		
MAR	1	2·6			3	2·6			1	7·7			11	5·9		
APR	0	0·0			0	0·0			7	3·8			21	6·0		
MAY	0	0·0			3	2·6			3	5·5			44	4·8		
JUN	0	0·0			1	7·7			2	6·4			19	4·5		
JUL	0	0·0			3	4·3			1	2·6			15	4·0		
AUG	0	0·0			3	2·6			4	5·7			28	5·9		
SEP	1	2·6			3	4·3			2	6·9			18	6·3		
OCT	1	2·6			5	3·6			6	4·7			25	5·3		
NOV	5	3·4			5	3·6			1	2·6			3	5·1		
DEC	3	4·1			6	4·1			2	7·7			12	5·8		
J/Y	12	3·3			36	3·7			32	5·1			209	5·3		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	25	0	29	31	8	0	0	0	0	0	0	0	0	
FEB	36	0	35	12	1	0	0	0	0	0	0	0	0	
MAR	35	0	39	13	4	2	0	0	0	0	0	0	0	
APR	38	0	25	16	6	5	0	0	0	0	0	0	0	
MAY	38	0	25	17	10	3	0	0	0	0	0	0	0	
JUN	61	0	13	9	5	2	0	0	0	0	0	0	0	
JUL	61	1	21	8	2	0	0	0	0	0	0	0	0	
AUG	46	0	21	13	5	8	0	0	0	0	0	0	0	
SEP	38	0	23	18	7	3	1	0	0	0	0	0	0	
OCT	12	0	38	32	8	3	0	0	0	0	0	0	0	
NOV	13	1	32	41	3	0	0	0	0	0	0	0	0	
DEC	18	1	26	36	10	1	0	0	0	0	0	0	0	
J/Y	421	3	327	246	69	27	1	0	0	0	0	0	0	

KLIMAATTABELLE — CLIMATOLOGICAL TABLES
STASIES VAN DIE EERSTE ORDE — FIRST ORDER STATIONS

28/748 GEORGE — WEERKANTOOR / WEATHER OFFICE — φ 33°58'S P BY/AT OGPM HT 1·2M J8 — λ 22°25'E H 221M HR 1·2M J8

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	1015·1	1013·9	1015·4	17·9	21·2	17·3	16·0	17·9	16·1	82	72	87	4·2	4·8	5·2
FEB	1014·8	1013·7	1014·8	18·5	22·6	18·6	17·1	19·4	17·6	87	73	90	5·2	4·3	4·9
MAR	1016·1	1015·2	1016·4	16·9	21·0	16·9	15·3	18·1	15·9	85	76	91	4·6	4·5	4·2
APR	1015·6	1013·9	1015·8	14·4	19·8	14·8	13·0	16·2	13·9	85	70	90	4·1	5·1	4·8
MAY	1014·5	1013·1	1014·9	11·5	17·5	12·0	9·7	13·5	10·8	80	64	86	3·7	4·7	3·4
JUN	1021·5	1020·1	1021·7	11·8	18·1	12·0	9·3	13·8	10·4	75	62	82	2·7	2·8	2·8
JUL	1022·7	1021·0	1022·4	11·1	17·8	11·2	9·1	13·1	10·3	79	59	89	3·4	3·1	3·1
AUG	1021·3	1020·1	1022·4	12·0	18·7	11·6	9·4	13·6	10·2	74	58	85	2·4	3·1	3·2
SEP	1020·2	1018·1	1019·4	12·7	18·8	13·6	10·7	14·4	12·0	79	63	86	3·6	4·5	3·8
OCT	1018·2	1017·2	1019·9	14·1	17·0	12·8	12·6	14·3	12·2	84	74	93	5·3	6·0	5·4
NOV	1017·9	1016·9	1018·1	17·1	19·5	15·8	15·2	16·6	15·0	81	73	92	4·0	5·1	5·0
DEC	1015·6	1014·6	1015·9	18·2	20·8	17·3	16·1	17·7	16·2	80	73	89	5·0	5·5	5·5
J/Y	1017·8	1016·5	1018·0	14·7	19·4	14·5	12·8	15·7	13·4	81	68	88	4·0	4·5	4·3

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	22·8	13·3	18·1	-1·5	28·4	31	9·7	12	17·4	12	19·0	24	128·5	31·5	12
FEB	23·9	14·8	19·3	-0·5	27·6	25	11·2	19	20·7	20	18·4	28	63·1	25·5	12
MAR	22·6	13·5	18·1	-1·1	34·1	15	9·1	24	14·6	17	24·4	15	111·6	51·5	4
APR	21·6	11·7	16·7	-0·5	32·4	14	6·3	23	13·4	29	17·8	18	95·8	33·2	29
MAY	18·8	8·9	13·9	-1·8	24·8	5	4·9	2	10·6	15	12·3	8	53·2	18·5	15
JUN	19·7	8·2	13·9	0·1	27·7	29	3·7	4	14·2	7	13·5	14	4·2	1·6	23
JUL	19·5	7·4	13·5	0·5	27·6	30	3·7	16	13·7	14	10·3	3	69·2	28·5	17
AUG	20·1	8·2	14·1	0·4	30·6	12	3·8	4	13·2	2	17·7	12	95·2	43·5	30
SEP	20·5	8·3	14·4	0·4	38·0	29	2·8	1	10·5	12	12·9	6	19·6	9·9	12
OCT	19·3	9·9	14·6	-0·7	32·5	15	5·1	4	12·3	4	15·0	21	173·3	88·7	9
NOV	21·2	12·1	16·7	-0·2	26·4	17	6·4	3	16·0	1	18·0	24	47·7	17·5	29
DEC	22·3	13·8	18·1	0·0	26·6	7	8·1	6	17·8	17	19·0	21	69·1	33·3	21
J/Y	21·0	10·8	15·9	-0·5	38·0	-	2·8	-	10·5	-	24·4	-	930·5	88·7	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF R	A	X	Σ
JAN	14	11	5	2	0	0	1	0	0	0	0	0	2	1	0	2
FEB	14	8	1	1	0	0	0	0	0	0	0	0	0	0	0	3
MAR	14	11	4	1	0	2	1	0	0	0	0	1	2	1	0	7
APR	16	10	4	1	0	3	6	0	0	0	0	0	2	0	0	2
MAY	14	5	2	0	0	0	11	0	0	0	1	0	0	0	0	0
JUN	6	2	0	0	0	0	10	0	0	0	4	0	0	0	0	2
JUL	5	4	2	2	0	0	13	0	0	0	2	0	0	0	0	2
AUG	10	8	2	2	0	1	12	0	0	0	4	0	1	0	0	1
SEP	10	4	0	0	1	2	8	0	0	0	2	0	0	0	0	5
OCT	16	13	3	1	0	1	11	0	0	0	0	0	3	0	0	0
NOV	12	6	1	0	0	0	2	0	0	0	0	0	1	0	0	2
DEC	12	9	1	1	0	0	0	0	0	0	0	0	1	0	0	0
J/Y	143	91	25	11	1	9	75	0	0	0	13	1	12	2	0	26

35/179 PORT ELIZABETH — WEERKANTOOR / WEATHER OFFICE — φ 33°59'S P BY/AT OGPM HT 1·2M J1 — λ 26°36'E H 62M HR 1·2M J1

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	1014·4	1013·1	1014·5	20·3	23·0	19·2	17·4	18·5	17·3	74	61	81	3·5	4·2	4·6
FEB	1014·4	1013·5	1014·3	20·6	24·1	20·3	18·4	19·6	18·6	81	64	84	3·7	3·5	4·1
MAR	1016·2	1014·8	1016·0	19·1	23·0	19·1	17·4	18·9	17·9	84	66	88	4·3	3·3	3·9
APR	1015·2	1013·5	1014·7	16·2	20·9	16·9	14·7	17·0	15·4	85	67	85	4·3	4·2	3·9
MAY	1014·1	1012·8	1014·5	13·0	19·5	14·4	11·1	14·6	12·9	79	57	83	3·1	3·4	3·3
JUN	1021·0	1019·6	1020·6	11·4	20·4	14·0	9·5	15·0	12·4	78	56	82	2·3	1·6	1·5
JUL	1022·6	1020·9	1022·2	10·5	19·6	13·0	9·7	14·5	11·8	90	57	86	2·6	2·3	2·0
AUG	1021·5	1020·0	1021·3	11·8	19·3	13·2	10·2	14·0	11·6	82	55	81	2·2	2·5	2·5
SEP	1019·9	1018·1	1019·4	14·2	18·9	14·6	12·6	14·8	13·3	82	63	85	3·0	3·0	2·9
OCT	1017·5	1015·9	1017·9	16·0	18·8	15·3	13·9	15·3	13·7	78	67	82	4·9	3·5	4·7
NOV	1017·7	1016·3	1017·8	18·8	21·5	17·5	16·0	17·0	15·8	73	62	83	3·7	3·4	4·1
DEC	1015·1	1013·9	1015·1	20·1	22·2	18·7	16·9	17·8	16·7	72	62	81	4·4	3·4	4·5
J/Y	1017·5	1016·0	1017·4	16·0	20·9	16·3	14·0	16·4	14·8	80	61	83	3·5	3·2	3·5

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	24·4	15·7	20·1	-0·8	33·4	27	11·0	15	18·7	13	20·7	24	83·1	39·8	12
FEB	24·9	16·9	20·9	-0·3	28·2	25	8·6	21	22·4	6	20·7	28	14·9	7·0	12
MAR	24·2	16·0	20·1	-0·1	35·5	16	8·5	20	17·2	17	19·8	3	104·7	49·2	4
APR	22·1	13·8	17·9	0·0	31·0	18	7·3	9	15·0	29	19·8	2	90·6	28·8	29
MAY	20·5	10·2	15·3	-0·8	26·4	19	4·7	29	14·5	15	14·0	19	25·5	6·8	24
JUN	21·2	8·7	14·9	1·1	28·0	30	1·5	26	14·1	3	13·7	6	55·3	31·8	8
JUL	20·4	8·6	14·5	1·1	29·0	30	3·2	27	16·0	4	13·3	1	99·6	55·0	17
AUG	20·3	8·9	14·6	0·5	29·8	23	3·9	19	13·0	2	14·3	14	74·7	39·6	2
SEP	20·0	10·8	15·4	0·3	29·3	11	3·3	3	13·2	12	16·0	30	51·6	25·5	12
OCT	20·3	12·9	16·6	0·1	29·3	26	6·0	7	13·8	5	18·2	26	95·5	33·0	4
NOV	22·6	14·3	18·5	0·5	29·9	26	9·8	20	17·3	1	18·7	18	23·6	14·0	1
DEC	23·7	15·9	19·8	0·3	26·7	30	10·1	6	19·6	1	19·3	12	22·2	6·8	3
J/Y	22·1	12·7	17·4	0·1	35·5	-	1·5	-	13·0	-	20·7	-	741·3	55·0	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF R	A	X	Σ
JAN	9	6	2	2	0	1	0	0	0	0	0	1	2	0	0	0
FEB	9	4	0	0	0	0	0	0	0	0	0	1	0	0	0	1
MAR	10	6	2	2	1	1	1	0	0	0	0	0	3	0	0	4
APR	11	11	2	1	0	1	2	0	0	0	0	0	3	0	0	0
MAY	11	6	0	0	0	0	3	0	0	0	1	0	0	0	0	1
JUN	5	4	2	1	0	0	5	0	0	0	4	0	1	0	0	4
JUL	8	6	3	1	0	0	7	0	0	0	3	0	1	0	0	0
AUG	11	8	2	1	0	0	8	0	0	0	4	0	0	0	0	2
SEP	8	5	1	1	0	0	5	0	0	0	1	0	0	0	0	1
OCT	10	9	2	2	0	0	4	0	0	0	0	0	2	0	0	4
NOV	10	5	1	0	0	0	1	0	0	0	0	0	2	0	0	2
DEC	12	6	0	0	0	0	0	0	0	0	0	0	1	0	0	0
J/Y	114	76	17	11	1	3	36	0	0	0	13	1	15	0	0	19

W I N D O N T L E D I N G W I N D A N A L Y S I S

28/748 GEORGE — φ 33°58' S, λ 22°25' E — H 221M — HA 14M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	5	1·5	2	2·2	3	2·4	4	2·0	44	4·5	90	4·8	45	3·3	31	2·7
FEB	1	1·3	2	1·3	3	2·4	12	3·9	51	5·2	45	3·9	37	3·1	26	3·2
MAR	2	1·3	3	3·1	5	2·0	12	3·5	67	4·5	69	4·1	31	2·9	29	3·2
APR	3	1·8	1	1·3	0	0·0	6	2·4	25	3·5	35	3·8	13	2·3	11	2·5
MAY	7	1·6	11	1·9	3	1·7	11	3·1	27	3·7	22	2·4	9	1·9	4	1·6
JUN	5	1·4	6	1·5	0	0·0	1	1·3	9	2·3	13	2·0	12	1·9	5	1·9
JUL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AUG	13	2·7	7	2·2	5	1·7	12	3·0	20	3·2	30	3·1	14	2·7	10	2·1
SEP	11	3·2	6	2·0	8	1·8	14	3·0	31	4·0	52	3·6	14	2·3	13	3·4
OCT	5	4·8	2	1·3	4	1·9	17	3·3	72	5·2	49	4·1	17	3·8	3	2·4
NOV	2	1·6	2	2·2	2	2·7	13	3·4	87	5·3	81	4·0	25	2·9	16	2·4
DEC	0	0·0	1	2·7	3	1·9	9	4·5	55	5·5	76	5·1	50	3·8	19	2·8
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	24	3·8	42	4·4	30	4·6	27	4·8	50	4·9	59	3·2	25	2·1	48	2·0
FEB	41	3·1	53	4·6	19	3·2	28	4·6	39	3·5	43	2·6	24	2·2	39	2·0
MAR	24	2·5	21	3·5	14	4·2	34	3·6	37	3·8	39	3·3	28	3·0	72	3·3
APR	9	2·8	28	4·6	19	4·5	53	4·3	75	8·2	62	3·2	31	2·6	76	2·5
MAY	0	0·0	17	3·3	17	3·7	56	5·0	83	5·7	138	3·9	65	3·0	83	2·5
JUN	12	2·1	11	2·5	7	2·9	37	4·0	73	6·5	90	4·3	33	3·0	98	2·8
JUL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AUG	4	2·7	17	3·2	21	3·9	56	4·8	57	5·5	95	4·3	65	3·4	137	3·3
SEP	8	2·5	28	3·1	24	4·4	46	4·3	46	5·5	67	3·1	32	3·2	76	2·8
OCT	7	3·3	40	4·4	29	4·4	49	5·5	105	5·6	60	3·7	35	2·0	42	1·8
NOV	24	3·3	56	4·2	36	3·9	32	3·8	24	3·7	34	2·1	15	1·5	31	1·9
DEC	37	3·4	48	4·1	47	4·1	27	4·1	68	4·0	45	2·9	26	2·7	30	2·1
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

WINDSPOEDFREKWENSIE — WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	217	63	191	181	70	21	1	0	0	0	0	0	0	
FEB	209	63	195	148	47	7	3	0	0	0	0	0	0	
MAR	257	58	212	149	58	9	1	0	0	0	0	0	0	
APR	273	58	186	105	60	18	9	11	0	0	0	0	0	
MAY	191	70	242	136	86	14	5	0	0	0	0	0	0	
JUN	183	54	187	83	61	26	1	0	0	0	0	0	0	
JUL	-	-	-	-	-	-	-	-	-	-	-	-	-	
AUG	181	69	239	161	62	27	5	0	0	0	0	0	0	
SEP	244	53	203	159	57	4	0	0	0	0	0	0	0	
OCT	210	64	164	163	107	27	9	0	0	0	0	0	0	
NOV	240	60	198	145	56	20	1	0	0	0	0	0	0	
DEC	203	49	188	212	71	16	5	0	0	0	0	0	0	
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	

35/179 PORT ELIZABETH — φ 33°59' S, λ 25°36' E — H 62M — HA 15M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	1	2·2	14	2·7	18	3·1	47	4·5	88	6·3	52	5·3	18	3·9	17	5·0
FEB	1	1·3	3	4·0	12	2·7	35	4·9	72	7·1	50	6·2	18	4·1	21	3·8
MAR	3	1·8	11	3·0	14	2·7	53	3·6	75	7·5	37	7·0	15	3·4	18	3·6
APR	8	2·9	30	2·2	30	2·4	22	3·6	34	5·4	12	4·2	7	5·1	3	3·1
MAY	16	2·5	19	2·9	16	2·9	28	3·9	8	3·9	7	3·6	2	3·4	0	0·0
JUN	19	2·6	15	1·9	26	3·2	11	4·0	7	5·0	0	0·0	1	1·3	0	0·0
JUL	14	2·4	36	2·8	26	3·8	14	4·3	13	4·2	0	0·0	7	2·4	5	3·6
AUG	20	2·5	18	2·6	22	3·1	24	3·5	18	4·3	3	4·0	11	5·2	17	5·8
SEP	4	2·9	23	3·5	61	4·5	70	6·7	54	6·5	1	5·4	9	3·0	5	3·4
OCT	1	2·2	1	2·2	25	4·2	54	6·7	79	7·5	42	6·5	18	4·7	16	5·8
NOV	0	0·0	3	1·7	22	3·6	65	5·6	90	7·2	72	6·9	48	4·4	15	4·0
DEC	0	0·0	5	3·7	21	3·6	43	5·5	85	6·4	47	6·0	29	4·4	18	4·5
J/Y	87	2·5	178	2·7	293	3·6	466	5·1	621	6·7	323	6·2	183	4·2	135	4·5

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	18	3·7	29	4·0	92	6·5	112	6·2	59	6·2	24	2·2	0	0·0	0	0·0
FEB	6	2·4	12	3·7	84	6·9	169	7·3	78	4·2	15	1·9	3	1·3	2	1·5
MAR	17	4·6	28	4·5	69	5·6	132	5·6	77	6·0	18	3·6	9	2·1	1	1·3
APR	3	3·7	21	3·9	33	5·4	146	7·0	132	5·7	47	4·1	45	4·3	7	3·3
MAY	6	5·5	16	4·2	34	4·4	87	6·0	140	6·6	96	5·2	103	3·0	28	2·2
JUN	3	2·1	5	2·3	7	5·2	70	5·9	133	7·0	117	5·6	160	2·8	35	2·6
JUL	4	3·5	9	3·6	95	7·2	86	6·9	89	5·1	72	2·9	65	2·5	16	2·3
AUG	16	7·3	8	3·9	87	6·7	125	7·7	96	6·2	75	3·2	71	2·5	18	3·0
SEP	6	4·2	14	4·9	84	7·7	158	7·7	61	5·9	51	3·3	30	2·5	8	2·4
OCT	7	5·1	10	4·5	97	8·8	224	7·6	93	8·0	24	3·5	4	2·5	4	2·7
NOV	14	3·8	24	4·9	86	6·9	122	7·5	27	7·3	20	3·9	3	3·1	0	0·0
DEC	20	4·0	24	4·8	144	8·2	147	7·5	70	4·9	27	2·6	0	0·0	1	4·9
J/Y	120	4·4	200	4·3	912	7·1	1578	7·1	1055	6·1	586	4·0	493	2·9	120	2·6

WINDSPOEDFREKWENSIE — WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	155	45	131	174	133	71	34	1	0	0	0	0	0	
FEB	91	26	98	160	169	107	21	0	0	0	0	0	0	
MAR	167	34	130	170	150	75	17	1	0	0	0	0	0	
APR	140	38	160	160	124	81	16	1	0	0	0	0	0	
MAY	138	46	185	155	155	57	6	2	0	0	0	0	0	
JUN	111	58	203	165	93	63	26	1	0	0	0	0	0	
JUL	145	56	187	147	92	57	26	6	0	0	0	0	0	
AUG	135	54	177	154	121	88	35	0	0	0	0	0	0	
SEP	81	29	144	142	171	107	42	4	0	0	0	0	0	
OCT	45	9	69	156	216	156	85	8	0	0	0	0	0	
NOV	109	25	83	172	172	115	41	3	0	0	0	0	0	
DEC	65	25	118	173	182	124	50	7	0	0	0	0	0	
J/Y	1362	445	1685	1928	1778	1081	399	34	0	0	0	0	0	

KLIMAATTABELLE — CLIMATOLOGICAL TABLES
STASIES VAN DIE EERSTE ORDE — FIRST ORDER STATIONS

43/566 MATROOSBERG — ø 33°26'S P BY/AT 9006PM HT 1·2M M3 — λ 19°49'E H 968M HR 1·2M M3

1959	P IN MB 08	14	20	T IN °C 08	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	903·1	902·0	902·1	15·3	25·1	19·5	11·6	14·3	15·2	64	28	49	2·8	2·0	2·2
FEB	903·3	902·6	902·3	16·4	26·1	21·2	13·2	15·8	14·9	69	32	51	2·6	2·0	1·7
MAR	(905·1)	(904·3)	(904·5)	(13·7)	(24·1)	(18·1)	(11·1)	(14·3)	(12·7)	(74)	(33)	(54)	(2·6)	(2·0)	(1·9)
APR	903·4	902·6	902·9	10·3	19·2	14·2	8·5	11·9	10·4	79	43	63	3·6	3·4	3·1
MAY	901·3	900·9	901·7	6·2	11·8	8·6	5·3	8·5	6·9	88	65	80	4·2	4·7	3·6
JUN	908·0	907·5	907·9	6·4	15·7	9·7	4·2	9·3	6·4	72	41	63	1·9	1·7	1·2
JUL	908·7	908·0	908·4	4·8	14·3	8·9	3·0	8·3	5·8	76	44	63	2·3	1·9	1·9
AUG	908·0	907·5	908·1	5·5	14·8	9·5	3·7	8·8	6·5	76	45	66	2·1	2·1	2·0
SEP	906·5	905·8	905·6	8·4	18·7	12·5	5·8	10·0	7·8	71	31	54	3·0	2·5	1·8
OCT	904·6	903·9	904·1	10·1	18·3	12·4	7·6	10·9	8·9	71	40	64	3·9	4·3	4·2
NOV	905·0	903·8	904·0	14·5	24·0	16·7	10·9	14·1	12·2	64	31	59	3·0	2·8	2·5
DEC	903·3	902·3	902·4	16·1	25·3	18·7	11·7	14·6	13·4	59	28	54	2·6	2·7	2·0
J/Y	(905·0)	(904·3)	(904·5)	(10·6)	(19·8)	(14·2)	(8·1)	(11·7)	(9·9)	(72)	(38)	(60)	(2·9)	(2·7)	(2·3)

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	26·7	10·7	18·7	-1·1	34·2	31	4·5	13	12·5	12	16·2	25	4·1	4·0	11
FEB	27·8	12·5	20·1	0·0	35·2	4	6·0	20	19·7	12	15·8	11	20·8	19·0	12
MAR	25·4	10·9	18·1	-0·2	34·2	13	4·8	18	12·0	17	16·3	16	18·0	8·3	4
APR	20·6	8·4	14·5	-0·5	31·0	17	2·8	9	7·4	29	18·3	18	42·9	10·7	28
MAY	13·3	5·0	9·1	-2·4	20·8	5	-0·6	16	7·6	15	8·5	8	84·6	18·0	12
JUN	17·1	4·4	10·7	1·4	21·7	20	-0·3	3	10·2	24	12·6	20	13·9	8·4	23
JUL	15·6	2·9	9·3	1·2	21·7	30	-2·8	23	9·3	13	8·8	2	6·3	2·4	13
AUG	16·2	3·5	9·9	0·4	24·6	12	-3·4	7	7·0	15	14·1	12	29·2	16·5	15
SEP	20·1	4·5	12·3	1·2	32·7	29	-2·4	13	6·2	12	11·0	29	24·7	20·8	11
OCT	19·5	5·9	12·7	-1·0	28·6	25	0·6	5	9·2	4	10·6	26	31·3	14·2	30
NOV	25·3	8·9	17·1	0·8	33·5	22	2·0	2	12·7	1	15·4	24	0·0	0·0	-
DEC	26·7	10·0	18·3	0·0	31·6	31	5·9	18	19·2	4	13·6	1	1·6	1·5	3
J/Y	21·2	7·3	14·3	0·0	35·2	-	-3·4	-	6·2	-	18·3	-	277·4	20·8	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP ≥35	≥30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN VAN /OF MIN TEMP <-2·5	<0·0	<5	≥20	☒	▲	✕	≡
JAN	2	1	0	0	0	7	2	0	0	0	1	0	0	0	0	0
FEB	2	2	1	0	1	8	0	0	0	0	0	0	0	0	1	
MAR	6	4	0	0	0	5	3	0	0	0	1	0	2	0	0	0
APR	9	7	1	0	0	2	10	1	0	0	5	0	3	0	0	3
MAY	14	10	4	0	0	0	29	3	0	1	12	0	0	0	0	3
JUN	4	3	0	0	0	0	10	0	0	2	17	0	0	0	0	3
JUL	6	2	0	0	0	0	20	1	1	3	24	0	0	0	0	3
AUG	7	5	1	0	0	0	16	5	2	4	20	0	0	0	2	0
SEP	4	2	1	0	0	1	10	1	0	3	17	0	0	0	1	4
OCT	7	4	1	0	0	0	12	1	0	0	12	0	0	0	2	0
NOV	0	0	0	0	0	4	1	0	0	0	3	0	0	0	0	3
DEC	2	1	0	0	0	4	0	0	0	0	0	0	0	0	0	1
J/Y	63	41	9	0	1	31	113	12	3	13	112	0	5	0	5	21

59/572 EAST LONDON — WEERKANTOOR / WEATHER OFFICE — ø 33°02'S P BY/AT 06PM HT 1·2M L3 — λ 27°50'E H 12SM HR 1·2M L3

1959	P IN MB 08	14	20	T IN °C 08	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	1014·5	1012·7	1013·9	20·6	23·0	19·8	17·8	19·2	18·2	74	69	84	5·6	5·6	5·7
FEB	1014·1	1012·8	1014·0	21·3	24·5	21·1	19·1	20·6	19·0	80	69	82	4·9	4·0	4·6
MAR	1016·1	1014·5	1015·5	19·9	23·5	20·1	18·3	20·1	18·8	85	72	88	4·8	4·0	4·9
APR	1015·3	1013·4	1015·2	17·9	22·2	17·9	15·6	18·1	16·5	78	66	85	4·6	4·5	4·3
MAY	1014·3	1012·5	1014·3	15·0	21·2	15·8	12·1	15·6	13·8	70	55	79	3·4	4·1	3·3
JUN	1021·5	1019·6	1021·0	13·5	21·8	15·6	10·3	15·1	12·6	66	47	70	2·4	1·6	1·2
JUL	1022·7	1021·0	1022·2	13·5	20·0	14·9	11·4	15·7	13·1	77	63	82	3·5	5·0	2·4
AUG	1021·5	1019·6	1021·4	14·0	20·1	14·6	11·4	15·4	12·7	75	60	79	2·8	2·6	2·0
SEP	1020·1	1018·1	1019·7	16·0	19·8	15·3	13·7	16·6	14·4	78	70	91	3·4	3·3	2·9
OCT	1017·4	1015·1	1017·2	17·2	19·5	16·5	15·3	17·0	15·3	81	77	87	5·0	5·0	5·4
NOV	1017·4	1015·8	1017·3	19·9	22·1	18·5	17·1	18·2	16·7	74	67	83	3·6	4·4	4·7
DEC	1014·4	1012·9	1014·5	21·0	22·5	19·7	17·8	18·9	18·0	72	70	84	4·0	3·9	5·0
J/Y	1017·4	1015·7	1017·2	17·5	21·7	17·5	15·0	17·5	15·8	76	65	83	4·0	3·8	3·9

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	24·6	17·0	20·8	-0·7	35·8	27	12·0	15	19·0	13	20·5	10	66·3	22·3	28
FEB	25·9	18·3	22·1	0·2	29·5	19	14·2	21	21·8	16	21·5	28	46·9	18·4	12
MAR	24·9	17·1	21·0	-0·1	33·5	16	12·5	18	19·3	10	21·0	3	55·0	29·2	17
APR	23·7	15·0	19·3	0·0	33·0	2	9·0	9	14·8	22	19·4	1	112·7	51·1	21
MAY	22·1	12·4	17·3	-0·4	30·9	6	9·2	29	14·8	15	17·5	21	152·3	89·2	15
JUN	22·7	11·2	16·9	1·2	29·9	14	7·5	11	16·0	9	16·7	20	5·5	5·5	8
JUL	21·3	11·8	16·5	0·9	29·4	7	7·8	5	15·0	4	16·3	7	199·4	122·4	18
AUG	21·8	11·6	16·7	0·4	31·4	12	6·7	8	15·5	7	18·2	14	33·1	15·0	2
SEP	21·8	12·3	17·1	0·2	34·4	30	6·0	14	15·6	13	16·7	30	56·9	49·8	12
OCT	21·5	14·0	17·7	-0·2	28·2	26	8·1	7	16·8	8	18·0	15	80·2	27·7	8
NOV	23·8	15·4	19·6	0·5	29·3	13	10·6	3	19·0	2	18·6	18	30·7	10·6	14
DEC	24·9	16·8	20·9	0·6	32·8	21	15·5	6	18·1	10	21·3	21	84·6	16·8	1
J/Y	23·3	14·4	18·9	0·2	35·8	-	6·0	-	14·8	-	21·5	-	923·6	122·4	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP ≥35	≥30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN VAN /OF MIN TEMP <-2·5	<0·0	<5	≥20	☒	▲	✕	≡
JAN	18	13	2	0	1	2	0	0	0	0	0	5	4	0	0	0
FEB	10	6	2	0	0	0	0	0	0	0	0	4	-	0	0	0
MAR	13	8	1	1	0	1	0	0	0	0	0	3	5	0	0	3
APR	12	7	3	1	0	3	2	0	0	0	0	0	1	0	0	0
MAY	8	4	3	2	0	1	2	0	0	0	0	0	0	0	0	0
JUN	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
JUL	7	5	3	3	0	0	4	0	0	0	0	0	0	0	0	0
AUG	4	4	1	0	0	2	4	0	0	0	0	0	0	0	0	0
SEP	8	4	1	1	0	2	3	0	0	0	0	0	0	0	0	0
OCT	14	6	3	2	0	0	2	0	0	0	0	0	3	0	0	0
NOV	14	8	1	0	0	0	0	0	0	0	0	0	4	0	0	0
DEC	17	15	2	0	0	2	0	0	0	0	0	1	5	1	0	0
J/Y	126	81	22	10	1	13	18	0	0	0	0	13	-	1	0	3

W I N D O N T L E D I N G W I N D A N A L Y S I S

43/566 MATROOSBERG ø 33°26' S λ 19°49' E H 968M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	2	6·7			2	4·6			16	3·8			6	3·7		
FEB	3	4·8			1	3·1			11	3·1			6	4·0		
MAR	6	5·0			2	2·6			13	3·1			3	3·2		
APR	9	6·2			2	1·8			9	3·6			2	2·8		
MAY	22	6·2			5	3·4			10	4·0			3	3·4		
JUN	22	5·5			8	3·9			5	3·2			0	0·0		
JUL	17	5·6			6	3·3			6	3·7			3	2·6		
AUG	18	5·6			1	3·1			7	4·0			3	2·7		
SEP	8	5·7			2	3·9			12	4·5			5	4·8		
OCT	1	8·2			2	4·4			4	6·9			15	5·5		
NOV	1	4·1			8	4·7			13	4·4			16	6·1		
DEC	1	5·1			7	3·8			13	4·9			14	5·9		
J/Y	110	5·8			46	3·7			119	4·0			76	4·9		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	26	5·6			11	6·3			16	5·7			8	4·3		
FEB	23	5·7			10	4·0			11	6·1			2	3·3		
MAR	14	3·7			5	3·7			10	3·8			5	5·0		
APR	7	4·9			11	4·4			21	4·6			7	5·4		
MAY	6	3·1			6	4·4			11	5·5			11	4·6		
JUN	1	2·6			4	4·6			7	3·7			8	6·7		
JUL	2	4·4			10	3·7			11	3·8			4	5·4		
AUG	2	2·8			12	4·2			9	4·1			8	5·4		
SEP	5	4·1			11	4·6			11	4·7			7	4·8		
OCT	9	3·7			25	5·6			18	4·5			7	5·6		
NOV	12	5·7			23	5·9			9	5·1			4	4·3		
DEC	15	5·6			22	6·7			12	5·7			4	6·7		
J/Y	122	4·9			150	5·2			146	4·8			75	5·1		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0–1·0	1·1–1·5	1·6–3·3	3·4–5·4	5·5–7·9	8·0–10·7	10·8–13·8	13·9–17·1	17·2–20·7	20·8–24·4	24·5–28·4	28·5–32·6	32·7+ M/SEC
JAN	6	0	20	33	30	4	0	0	0	0	0	0	0
FEB	12	0	24	22	15	6	0	0	0	0	0	0	0
MAR	11	1	28	22	6	1	0	0	0	0	0	0	0
APR	22	1	27	16	19	5	0	0	0	0	0	0	0
MAY	19	1	21	29	16	6	1	0	0	0	0	0	0
JUN	35	0	22	14	13	8	1	0	0	0	0	0	0
JUL	34	0	19	30	5	5	0	0	0	0	0	0	0
AUG	35	1	20	24	9	6	0	0	0	0	0	0	0
SEP	29	1	18	22	17	3	0	0	0	0	0	0	0
OCT	12	1	19	30	20	9	2	0	0	0	0	0	0
NOV	4	1	23	27	24	10	0	1	0	0	0	0	0
DEC	5	0	14	29	34	9	2	0	0	0	0	0	0
J/Y	222	7	255	298	208	69	6	1	0	0	0	0	0

59/572 EAST LONDON ø 33°02' S λ 27°50' E H 125M HA 12M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	18	3·4	25	4·1	80	6·3	80	8·3	39	5·4	31	4·3	25	4·2	26	4·3
FEB	3	1·7	33	5·6	68	6·2	73	7·4	37	7·6	25	5·3	27	4·4	9	4·2
MAR	16	3·0	47	4·4	77	5·0	90	6·5	45	6·5	7	4·5	19	3·1	34	3·5
APR	21	3·3	49	4·7	69	6·0	48	6·8	24	6·1	7	3·7	9	3·0	12	3·6
MAY	34	4·8	31	4·6	22	4·9	20	5·4	5	4·6	9	3·0	25	4·7	27	5·3
JUN	21	4·4	30	4·5	24	4·5	20	4·6	5	2·9	5	2·5	6	1·9	10	1·8
JUL	37	4·4	44	4·5	39	4·9	34	5·3	13	5·4	6	2·7	8	2·0	7	1·8
AUG	41	4·7	33	4·5	34	4·7	38	5·3	12	3·9	11	3·3	10	2·7	16	5·4
SSP	24	3·2	35	5·3	76	6·9	73	7·6	27	5·8	21	3·8	9	3·0	8	2·7
OCT	13	3·9	13	4·4	84	6·5	98	8·9	25	6·3	17	6·2	13	4·2	11	3·3
NOV	12	4·1	30	4·0	107	6·0	123	8·4	61	5·9	29	4·6	25	4·6	22	4·7
DEC	9	5·3	29	4·6	82	5·9	88	7·5	45	7·1	23	4·9	17	3·9	10	4·4
J/Y	249	4·1	399	4·6	762	5·9	785	7·4	338	6·2	191	4·4	193	3·8	192	4·0

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	21	3·9	52	5·7	101	6·4	71	6·2	89	5·3	12	3·5	11	3·4	20	4·7
FEB	17	4·3	73	6·6	83	5·7	79	4·3	62	3·9	15	2·9	15	3·8	3	3·6
MAR	22	3·8	35	5·4	78	5·0	84	5·0	72	3·8	12	2·6	15	3·4	16	3·9
APR	18	4·4	38	6·4	92	6·0	90	4·7	106	4·0	34	4·1	55	4·9	23	3·8
MAY	26	5·8	9	4·8	45	4·6	80	5·8	174	6·3	67	5·8	101	4·5	55	5·4
JUN	7	2·5	8	4·4	35	5·5	61	5·8	176	6·1	66	4·2	170	5·5	56	4·7
JUL	14	3·5	21	3·6	58	6·6	78	5·9	154	5·8	27	3·7	127	5·3	53	4·7
AUG	19	4·2	25	5·4	57	6·8	94	6·8	157	6·1	29	4·1	105	5·4	50	5·3
SEP	13	3·7	38	5·4	72	7·5	120	7·1	89	4·6	28	3·8	24	3·6	47	4·1
OCT	26	5·6	47	5·0	106	7·1	143	6·5	115	5·9	5	3·0	10	3·9	2	2·2
NOV	16	4·8	37	7·1	97	7·5	72	6·1	48	4·4	13	3·6	11	5·6	5	4·2
DEC	21	6·2	93	7·9	108	6·2	98	5·9	66	6·4	4	5·1	6	1·9	4	6·0
J/Y	220	4·6	476	6·2	932	6·3	1070	5·9	1308	5·4	312	4·2	650	5·0	334	4·7

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0–1·0	1·1–1·5	1·6–3·3	3·4–5·4	5·5–7·9	8·0–10·7	10·8–13·8	13·9–17·1	17·2–20·7	20·8–24·4	24·5–28·4	28·5–32·6	32·7+ M/SEC
JAN	43	22	139	244	147	104	42	3	0	0	0	0	0
FEB	50	16	126	215	168	80	17	0	0	0	0	0	0
MAR	75	29	162	270	149	50	8	1	0	0	0	0	0
APR	25	14	156	282	169	71	3	0	0	0	0	0	0
MAY	14	5	133	290	219	68	15	0	0	0	0	0	0
JUN	20	10	121	318	177	61	13	0	0	0	0	0	0
JUL	18	145	300	188	53	11	6	0	0	0	0	0	0
AUG	12	127	264	232	84	9	3	0	0	0	0	0	0
SEP	16	11	131	230	203	96	31	2	0	0	0	0	0
OCT	16	12	95	188	256	129	46	2	0	0	0	0	0
NOV	12	11	99	211	231	116	32	8	0	0	0	0	0
DEC	41	17	109	196	216	122	39	4	0	0	0	0	0
J/Y	342	419	1835	2864	2072	917	255	20	0	0	0	0	0

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

60/620 CAPE COLUMBINE VRT

φ 32°50' S P BY/AT 0GPM HT 1·2M B1
λ 17°51' E H 60M HR 1·2M B1

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	1014·5	1014·2	1013·6	15·4	18·6	15·4	14·2	15·5	14·1	88	70	86	3·2	1·7	1·5
FEB	1013·5	1013·4	1012·2	15·0	18·4	15·6	14·3	15·9	14·6	92	76	90	3·8	2·5	2·4
MAR	1015·2	1014·9	1014·4	14·8	18·7	16·0	13·9	15·8	14·5	91	74	86	3·6	2·5	2·5
APR	1015·9	1015·4	1015·6	13·2	16·4	14·5	12·3	14·1	13·2	91	77	87	4·1	3·6	3·6
MAY	1014·7	1014·4	1014·9	11·8	14·8	12·9	11·0	12·8	11·8	90	79	87	5·1	5·1	3·1
JUN	1021·2	1020·7	1021·0	11·6	15·3	12·8	10·5	13·0	11·5	87	76	86	3·9	3·1	1·4
JUL	1022·2	1021·8	1021·8	10·8	15·3	12·3	9·7	12·7	11·0	86	75	85	2·7	2·5	1·5
AUG	1021·7	1021·6	1021·6	12·1	16·1	13·2	10·1	12·9	10·9	78	69	77	3·7	3·2	2·2
SEP	1019·0	1018·4	1017·9	13·0	17·3	13·6	10·8	13·3	11·8	76	65	81	4·0	3·0	2·4
OCT	1017·7	1017·2	1016·8	13·9	16·8	13·8	12·0	13·3	11·9	81	66	78	4·9	3·5	3·7
NOV	1016·6	1015·6	1014·9	14·4	16·9	13·6	12·8	14·1	12·5	83	73	87	2·6	1·7	2·0
DEC	1014·4	1014·0	1013·3	15·3	18·2	15·1	13·8	15·0	13·8	84	70	86	3·4	1·8	1·8
J/Y	1017·2	1016·8	1016·5	13·4	16·9	14·1	12·1	14·0	12·6	86	73	85	3·7	2·9	2·3

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	19·8	12·6	16·2	-0·7	25·8	30	10·6	14	18·0	6	15·0	28	7·5	3·5	27
FEB	20·1	12·8	16·5	-0·8	26·5	21	11·0	22	17·8	6	15·4	26	5·7	3·8	11
MAR	20·1	13·2	16·7	-0·2	30·2	14	11·2	12	16·6	27	18·6	15	18·5	8·5	3
APR	17·8	12·0	14·9	-0·8	26·6	17	6·5	29	13·2	29	15·2	18	29·0	6·0	7
MAY	15·6	11·1	13·3	-1·2	21·5	18	7·3	15	13·4	9	14·0	18	128·3	17·0	21
JUN	16·1	10·4	13·3	-0·4	22·5	12	5·5	25	13·5	24	15·4	13	9·3	4·5	23
JUL	16·2	9·9	13·1	0·2	21·6	26	7·5	8	13·0	12	13·8	2	24·8	14·0	12
AUG	17·0	10·7	13·9	0·6	25·2	20	5·2	7	12·0	6	16·5	11	24·7	6·0	15
SEP	18·7	11·0	14·9	1·4	31·0	29	5·0	13	13·4	13	15·0	29	18·6	6·0	20
OCT	18·4	11·1	14·7	-0·2	25·0	14	6·8	5	14·0	4	14·5	20	52·4	17·0	30
NOV	18·2	11·4	14·8	-1·1	24·8	22	8·5	2	15·8	1	13·0	14	1·0	0·8	17
DEC	19·7	12·5	16·1	-0·4	29·4	2	10·2	7	16·8	6	15·6	21	3·6	1·5	16
J/Y	18·1	11·6	14·9	-0·3	31·0	-	5·0	-	12·0	-	18·6	-	303·4	17·0	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	%	▲	✕	≡
JAN	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	12
FEB	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	18
MAR	7	2	0	0	0	1	4	0	0	0	0	0	0	0	0	18
APR	11	7	0	0	0	0	15	0	0	0	0	0	0	0	0	16
MAY	20	16	3	0	0	0	28	0	0	0	0	0	1	0	0	8
JUN	4	3	0	0	0	0	24	0	0	0	0	0	0	0	0	7
JUL	10	7	1	0	0	0	23	0	0	0	0	0	0	0	0	7
AUG	8	6	0	0	0	0	24	0	0	0	0	0	0	0	0	5
SEP	6	5	0	0	0	1	14	0	0	0	0	0	0	0	0	7
OCT	8	7	1	0	0	0	10	0	0	0	0	0	0	0	0	10
NOV	2	0	0	0	0	0	14	0	0	0	0	0	0	0	0	10
DEC	7	2	0	0	0	0	2	0	0	0	0	0	0	0	0	9
J/Y	91	59	5	0	0	2	158	0	0	0	0	0	1	0	0	127

74/296 JANSENVILLE

φ 32°56' S P BY/AT 0GPM HT 1·2M B2
λ 24°40' E H 410M HR 1·2M B2

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	1014·7	1010·4	1012·5	19·3	29·3	22·9	15·1	17·8	16·3	62	28	49	3·4	2·8	3·5
FEB	1014·8	1011·0	1011·9	19·9	29·9	25·3	16·8	19·9	18·8	73	36	52	3·6	2·4	2·6
MAR	1016·8	1012·8	1013·9	17·4	28·1	23·5	-	18·7	17·5	-	39	54	3·3	2·4	2·9
APR	1016·6	1013·2	1014·3	13·7	23·5	19·3	-	16·4	15·1	-	47	63	4·3	3·3	3·2
MAY	1017·0	1014·0	1014·9	9·4	19·2	14·7	-	12·8	11·2	-	45	64	3·9	4·0	2·9
JUN	1024·5	1019·9	1021·3	5·5	21·5	14·8	-	12·4	9·4	-	29	47	1·9	0·9	0·7
JUL	1024·6	1020·9	1022·3	7·2	18·9	13·6	-	12·2	9·7	-	44	60	3·8	2·5	1·0
AUG	1024·2	1019·5	1020·9	7·5	21·7	16·0	-	12·6	9·9	-	30	46	1·5	1·6	1·5
SEP	1021·4	1016·3	1017·5	10·9	24·7	19·2	-	14·3	12·5	-	28	43	3·1	2·3	1·7
OCT	1018·2	1014·3	1015·9	14·6	24·2	18·8	11·7	14·9	13·3	69	33	51	4·5	3·5	3·1
NOV	1017·8	1012·6	1015·3	17·9	28·2	21·4	14·2	17·3	15·2	64	29	49	3·6	2·3	2·1
DEC	1015·2	1010·8	1012·3	19·6	28·7	23·1	15·3	18·3	16·6	61	33	49	2·9	2·5	2·4
J/Y	1018·8	1014·6	1016·1	13·6	24·8	19·4	-	15·6	13·8	-	35	52	3·3	2·5	2·3

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	31·3	15·0	23·1	-1·6	40·6	31	9·5	14	20·2	13	20·0	28	24·2	12·0	24
FEB	31·7	16·2	23·9	-0·8	37·6	23	10·5	21	24·2	15	21·0	28	11·0	11·0	12
MAR	29·5	14·9	22·2	-0·7	38·6	23	8·0	20	17·6	17	20·1	4	63·5	20·0	17
APR	24·8	11·6	18·2	-1·3	35·5	15	4·4	9	13·0	29	19·9	18	59·9	19·5	29
MAY	20·0	8·0	14·0	-1·6	28·3	20	2·0	30	12·6	15	13·7	8	8·2	4·3	14
JUN	22·4	4·2	13·3	0·5	27·7	20	-0·5	26	16·0	9	10·4	21	0·0	0·0	-
JUL	20·4	5·7	13·1	1·0	27·6	27	0·8	16	10·4	17	17·8	3	15·2	9·2	17
AUG	22·9	6·1	14·5	0·1	32·2	28	1·1	3	13·1	31	20·5	14	5·7	2·5	30
SEP	26·1	7·9	17·0	0·0	36·5	18	0·0	1	14·1	12	20·2	30	0·1	0·1	12
OCT	25·8	11·3	18·5	-0·8	38·6	26	3·2	7	16·4	4	17·0	25	16·0	13·5	8
NOV	29·6	13·2	21·4	-0·1	38·2	23	5·5	3	20·1	2	19·2	13	11·4	6·0	17
DEC	30·4	14·7	22·5	-0·8	38·2	8	9·4	6	20·5	3	18·8	12	14·1	14·0	3
J/Y	26·2	10·7	18·5	-0·4	40·6	-	-0·5	-	10·4	-	21·0	-	229·3	20·0	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	%	▲	✕	≡
JAN	6	3	1	0	8	21	0	0	0	0	0	0	5	1	0	0
FEB	1	1	1	0	4	19	0	0	0	0	0	2	1	0	0	0
MAR	8	6	2	0	6	13	0	0	0	0	0	1	8	1	0	0
APR	11	10	2	0	1	5	4	0	0	0	1	0	6	0	0	1
MAY	6	2	0	0	0	0	4	0	0	0	3	0	0	0	0	0
JUN	0	0	0	0	0	0	3	0	0	1	19	0	0	0	0	0
JUL	6	3	0	0	0	0	9	0	0	0	14	0	0	0	0	2
AUG	4	2	0	0	0	4	5	0	0	0	15	1	1	0	0	0
SEP	1	0	0	0	1	8	2	0	0	0	9	1	0	0	0	0
OCT	4	3	1	0	4	5	3	0	0	0	3	0	3	0	0	0
NOV	5	2	0	0	4	15	0	0	0	0	0	0	2	0	0	0
DEC	2	1	1	0	5	18	0	0	0	0	0	0	3	0	0	0
J/Y	54	33	8	0	35	108	30	0	0	1	64	5	29	2	0	3

W I N D O N T L E D I N G W I N D A N A L Y S I S

60/620 CAPE COLUMBINE ø 32°50' S λ 17°51' E H 60M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	3	2·2			0	0·0			0	0·0			3	6·2		
FEB	4	2·0			1	2·1			0	0·0			1	6·2		
MAR	9	4·3			7	3·1			0	0·0			5	5·9		
APR	8	5·2			5	2·6			1	2·1			7	4·0		
MAY	27	9·2			13	5·9			2	3·6			6	3·8		
JUN	14	3·9			9	6·3			5	3·1			8	5·4		
JUL	7	3·8			10	7·1			4	4·5			20	4·8		
AUG	18	7·3			9	6·4			3	3·8			11	4·5		
SEP	3	7·1			5	4·8			3	4·5			11	5·4		
OCT	7	4·9			3	2·7			3	5·5			6	8·6		
NOV	2	6·7			5	4·9			0	0·0			3	6·2		
DEC	2	7·7			3	7·7			1	13·4			3	6·8		
J/Y	104	6·2			70	5·4			22	4·4			84	5·3		

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	73	8·9			4	5·5			3	4·3			3	2·7		
FEB	68	8·2			2	6·4			1	1·5			5	2·9		
MAR	54	7·8			7	4·8			2	1·8			5	5·1		
APR	35	7·4			9	5·3			5	6·2			7	3·7		
MAY	14	6·9			4	7·6			6	6·1			13	7·3		
JUN	37	6·2			3	5·1			2	5·7			3	7·7		
JUL	28	6·0			8	5·5			1	2·6			7	4·3		
AUG	28	7·0			5	9·5			4	11·0			3	7·6		
SEP	34	7·2			11	5·7			4	4·0			8	4·9		
OCT	38	8·8			17	5·9			7	4·0			6	3·2		
NOV	68	9·4			8	5·9			2	3·6			0	0·0		
DEC	68	9·6			8	6·4			1	2·1			0	0·0		
J/Y	545	7·9			86	6·0			38	5·1			60	5·0		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/ SEK M/ SEC
JAN	4	2	11	10	25	22	16	3	0	0	0	0	0	
FEB	2	3	10	11	30	17	10	1	0	0	0	0	0	
MAR	4	1	18	24	23	13	10	0	0	0	0	0	0	
APR	13	1	23	18	23	5	4	3	0	0	0	0	0	
MAY	8	2	16	18	22	12	10	5	0	0	0	0	0	
JUN	9	2	21	18	32	6	2	0	0	0	0	0	0	
JUL	8	0	29	24	24	4	3	1	0	0	0	0	0	
AUG	12	4	18	10	25	13	6	4	1	0	0	0	0	
SEP	11	4	13	27	22	5	6	2	0	0	0	0	0	
OCT	6	1	26	16	15	13	13	3	0	0	0	0	0	
NOV	2	0	11	10	28	12	24	2	1	0	0	0	0	
DEC	7	1	6	10	21	23	12	13	0	0	0	0	0	
J/Y	86	21	202	196	290	145	116	37	2	0	0	0	0	

74/296 JANSENVILLE ø 32°56' S λ 24°40' E H 410M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	2	7·2			2	3·5			2	3·9			42	4·7		
FEB	1	5·1			1	2·6			2	3·9			43	5·6		
MAR	0	0·0			0	0·0			0	0·0			33	4·6		
APR	2	3·9			0	0·0			1	5·1			12	4·3		
MAY	6	4·3			1	2·6			2	4·1			5	3·9		
JUN	6	3·5			0	0·0			0	0·0			1	2·6		
JUL	7	3·4			0	0·0			2	4·6			4	3·2		
AUG	7	5·5			0	0·0			1	5·1			4	4·5		
SEP	2	5·1			2	2·6			3	2·6			21	5·7		
OCT	1	4·1			0	0·0			0	0·0			33	6·1		
NOV	0	0·0			1	2·6			5	3·4			53	4·8		
DEC	1	2·6			0	0·0			2	3·3			44	4·8		
J/Y	35	4·4			7	2·8			20	3·7			295	5·0		

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	3	2·6			4	3·9			4	7·7			1	5·1		
FEB	2	3·9			1	2·6			2	3·9			0	0·0		
MAR	2	2·6			2	2·6			3	4·0			3	5·1		
APR	0	0·0			0	0·0			11	4·9			5	8·8		
MAY	0	0·0			1	2·6			12	6·0			13	6·6		
JUN	0	0·0			1	2·6			10	5·0			10	5·2		
JUL	0	0·0			1	5·1			4	3·9			6	5·5		
AUG	0	0·0			1	5·1			10	6·8			8	5·9		
SEP	3	4·3			3	3·4			5	7·7			4	7·9		
OCT	1	2·6			6	4·5			7	4·4			3	5·1		
NOV	1	5·1			0	0·0			3	2·6			1	4·1		
DEC	1	4·1			4	4·0			2	7·2			2	7·7		
J/Y	13	3·4			24	3·8			73	5·5			56	6·2		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/ SEK M/ SEC
JAN	30	0	17	36	3	4	0	0	0	0	0	0	0	
FEB	30	0	10	31	9	2	0	0	0	0	0	0	0	
MAR	50	0	15	25	3	0	0	0	0	0	0	0	0	
APR	38	0	7	18	4	1	0	1	0	0	0	0	0	
MAY	52	0	11	16	8	5	0	0	0	0	0	0	0	
JUN	61	0	11	12	3	2	0	0	0	0	0	0	0	
JUL	68	0	9	14	0	1	0	0	0	0	0	0	0	
AUG	59	0	7	14	4	5	0	1	0	0	0	0	0	
SEP	47	0	15	13	8	7	0	0	0	0	0	0	0	
OCT	41	0	11	25	6	9	0	0	0	0	0	0	0	
NOV	25	0	21	36	3	4	0	0	0	0	0	0	0	
DEC	34	0	12	35	6	3	0	0	0	0	0	0	0	
J/Y	555	0	146	275	57	43	0	2	0	0	0	0	0	

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

92/288 BEAUFORT WEST — WEERKANTOOR / WEATHER OFFICE — φ 32°18'S λ 22°40'E — P BY/AT 900GPM H 893M — HT 1·2M HR 1·2M — L1 L1

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN O-8 08	14	20
JAN	912·9	910·1	910·2	17·6	28·3	25·1	13·0	15·8	14·5	58	24	30	2·9	2·6	2·7
FEB	913·0	910·8	910·7	18·9	29·0	26·1	14·8	17·3	15·6	64	30	31	2·8	2·3	1·9
MAR	914·5	912·3	912·9	16·6	27·3	23·1	12·6	16·0	13·9	65	29	35	2·6	3·0	2·0
APR	913·9	911·9	912·9	13·7	22·8	18·2	9·8	13·3	11·1	64	35	42	3·9	3·7	2·9
MAY	912·8	911·3	912·6	9·4	16·4	12·4	5·8	9·5	8·1	58	40	56	3·8	4·0	2·4
JUN	919·5	918·1	918·9	8·7	19·6	12·9	4·2	10·1	6·3	50	25	35	1·4	1·4	1·1
JUL	919·8	918·3	919·0	8·4	18·0	12·5	4·9	9·9	7·1	61	34	45	2·3	2·2	1·1
AUG	919·0	917·5	918·6	8·5	18·9	13·5	4·5	9·9	7·2	56	30	41	1·9	1·7	1·8
SEP	917·2	914·8	915·5	11·6	23·4	17·6	6·3	11·6	9·0	48	21	28	2·3	2·3	1·2
OCT	914·7	912·4	913·4	13·4	22·8	17·8	9·4	12·3	10·4	59	26	38	4·0	3·5	2·5
NOV	914·7	911·8	912·4	16·6	27·4	22·7	12·3	14·9	13·6	60	22	33	3·0	2·4	1·6
DEC	913·2	910·5	910·6	18·4	28·1	24·7	12·8	15·7	13·7	52	23	26	3·2	3·0	2·5
J/Y	915·4	913·3	914·0	13·5	23·5	18·9	9·2	13·0	10·9	58	28	37	2·8	2·7	2·0

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	/ EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	30·7	14·5	22·6	-1·7	38·1	31	6·9	14	16·7	12	21·5	24	19·3	15·9	24
FEB	31·3	15·9	23·6	-0·5	38·6	5	9·5	21	21·7	12	19·5	26	19·5	19·5	12
MAR	29·2	13·5	21·3	-0·6	37·5	23	6·4	18	18·4	18	19·0	14	26·0	10·3	4
APR	24·4	10·9	17·7	-0·1	34·5	14	3·4	9	10·5	29	22·1	15	15·6	9·0	29
MAY	17·6	7·2	12·4	-2·3	24·5	20	1·5	28	7·5	15	15·5	20	11·5	6·7	12
JUN	20·4	6·7	13·5	1·5	25·4	20	-2·7	25	11·6	24	17·8	21	0·6	0·5	23
JUL	19·1	6·1	12·6	1·1	25·5	29	-1·2	24	11·6	17	17·2	7	7·5	6·3	16
AUG	20·2	5·9	13·1	0·2	29·0	28	-2·8	8	9·1	7	22·1	14	6·6	2·8	2
SEP	25·0	7·3	16·1	0·8	35·5	29	-1·1	1	12·2	12	26·0	20	2·2	1·8	12
OCT	24·5	9·4	16·9	-1·2	39·0	26	1·3	6	12·7	4	16·4	21	18·0	10·3	8
NOV	29·2	12·4	20·8	0·4	35·6	4	3·8	3	15·7	1	16·3	23	11·3	11·3	17
DEC	30·4	14·3	22·3	-0·4	38·0	20	9·8	6	22·4	4	19·2	21	10·5	8·0	3
J/Y	25·2	10·3	17·7	-0·2	39·0	-	-2·8	-	7·5	-	26·0	-	148·6	19·5	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF >35	>30	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	≋	▲	✕	≡
JAN	3	2	1	0	3	20	1	0	0	0	0	1	4	0	0	0
FEB	1	1	1	0	5	19	0	0	0	0	0	0	1	0	0	0
MAR	6	5	1	0	3	13	0	0	0	0	0	0	4	0	0	0
APR	8	3	0	0	0	6	6	0	0	0	4	1	2	0	0	0
MAY	4	3	0	0	0	0	13	1	0	0	7	0	1	0	0	0
JUN	2	0	0	0	0	0	8	0	1	3	14	0	0	0	0	0
JUL	2	2	0	0	0	0	12	0	0	2	14	0	0	0	0	4
AUG	3	3	0	0	0	0	12	1	1	5	19	2	1	0	0	3
SEP	2	1	0	0	1	9	5	0	0	3	11	3	0	1	0	0
OCT	6	4	1	0	2	7	5	0	0	0	4	0	4	0	0	0
NOV	1	1	1	0	3	13	1	0	0	0	2	0	2	1	0	0
DEC	3	3	0	0	3	16	0	0	0	0	0	0	4	0	0	0
J/Y	41	28	5	0	20	103	63	2	2	13	75	7	23	2	0	7

106/850 VREDENDAL IRR — φ 31°40'S λ 18°29'E — P BY/AT 06PM H 34M — HT 1·2M HR 1·2M — M4 M4

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN O-8 08	14	20
JAN	1015·5	1013·5	1013·1	16·3	28·8	22·3	14·3	18·4	16·0	79	32	50	3·1	1·0	1·4
FEB	1014·7	1012·3	1011·7	16·8	30·2	23·0	15·3	20·1	17·4	85	38	57	4·9	1·2	1·5
MAR	1016·5	1014·7	1014·5	15·1	29·1	21·7	13·6	18·9	16·3	86	36	58	4·8	1·6	1·9
APR	1017·7	1015·7	1016·3	12·7	24·5	17·9	11·8	16·6	14·1	90	43	66	3·8	2·4	2·4
MAY	1017·5	1016·5	1016·8	11·0	18·1	14·1	10·1	13·9	12·2	91	62	79	4·8	3·9	3·8
JUN	1022·7	1021·1	1021·7	8·0	20·6	13·6	7·0	13·8	10·9	89	46	70	3·1	1·2	0·9
JUL	1023·4	1021·8	1022·3	7·6	20·0	13·3	6·5	13·4	10·7	87	46	72	3·5	2·0	1·4
AUG	1023·1	1021·7	1022·0	7·8	20·6	14·4	6·8	13·4	11·0	88	44	66	3·5	2·4	1·8
SEP	1020·0	1017·7	1017·7	10·4	24·3	16·7	9·0	14·5	12·3	85	31	60	4·2	2·3	2·5
OCT	1018·5	1016·3	1016·6	12·9	23·3	17·0	11·0	14·7	12·8	79	37	61	5·0	3·0	3·9
NOV	1016·7	1013·9	1014·1	15·7	28·0	20·3	13·4	17·7	14·7	77	32	53	2·7	1·0	1·4
DEC	1014·3	1012·7	1011·9	17·4	28·9	22·5	14·7	18·2	16·1	75	33	51	2·2	1·0	1·4
J/Y	1018·4	1016·5	1016·6	12·6	24·7	18·1	11·1	16·1	13·7	84	40	62	3·8	1·9	2·0

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	/ EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·7	13·0	21·3	-	42·5	30	8·9	21	24·0	11	19·3	10	1·2	1·1	27
FEB	31·2	14·6	22·9	-	42·8	4	10·8	20	24·7	19	19·0	12	1·1	1·1	12
MAR	29·8	13·4	21·6	-	41·3	13	7·6	19	21·6	17	24·2	15	3·4	2·5	7
APR	25·7	11·8	18·7	-	38·6	17	5·2	9	17·5	29	21·2	18	10·3	3·4	24
MAY	19·4	9·8	14·6	-	26·8	18	4·6	15	13·5	14	13·5	7	77·3	19·7	21
JUN	22·3	6·7	14·5	-	30·6	13	1·6	25	15·3	24	13·4	15	7·5	4·8	23
JUL	21·6	6·3	13·9	-	29·6	30	0·5	10	15·6	17	12·8	5	9·6	5·5	13
AUG	21·7	6·9	14·3	-	30·8	22	0·1	7	13·0	5	16·5	11	31·4	11·4	15
SEP	25·6	8·2	16·9	-	39·3	29	2·4	14	15·8	12	13·2	7	7·8	3·7	20
OCT	24·6	10·5	17·5	-	37·0	14	2·6	5	16·4	4	16·2	8	14·9	12·2	30
NOV	26·8	11·8	20·3	-	37·2	22	7·4	2	19·8	1	15·6	15	0·0	0·0	-
DEC	29·7	13·6	21·7	-	39·6	31	10·2	11	22·1	4	20·1	29	3·8	2·6	3
J/Y	25·8	10·5	18·1	-	42·8	-	0·1	-	13·0	-	24·2	-	168·3	19·7	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF >35	>30	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	≋	▲	✕	≡
JAN	2	1	0	0	5	12	0	0	0	0	0	0	0	0	0	0
FEB	1	1	0	0	5	13	0	0	0	0	0	0	0	0	0	5
MAR	3	1	0	0	4	12	0	0	0	0	0	2	0	0	0	12
APR	7	3	0	0	1	5	0	0	0	0	0	1	-	0	0	10
MAY	13	12	3	0	0	0	7	0	0	0	2	0	-	0	0	3
JUN	3	2	0	0	0	1	5	0	0	0	10	0	0	0	0	9
JUL	6	3	0	0	0	0	8	0	0	0	12	0	0	0	0	10
AUG	7	6	1	0	0	4	7	0	0	0	9	0	0	0	0	3
SEP	6	2	0	0	2	7	1	0	0	0	4	0	0	0	0	4
OCT	3	3	1	0	1	6	2	0	0	0	2	0	0	0	0	9
NOV	0	0	0	0	3	12	0	0	0	0	0	0	0	0	0	3
DEC	4	1	0	0	7	11	0	0	0	0	0	1	1	0	0	0
J/Y	55	35	5	0	28	84	30	0	0	0	39	4	-	0	0	68

W I N D O N T L E D I N G W I N D A N A L Y S I S

92/288 BEAUFORT WEST ø 32°18' S λ 22°40' E H 893M HA 15M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	3	3·1	7	6·0	36	2·5	21	2·7	92	3·6	73	4·7	140	4·4	17	3·6
FEB	0	0·0	2	1·5	20	2·1	21	2·4	67	3·4	116	4·2	89	4·4	28	3·2
MAR	9	2·2	6	1·8	25	1·9	30	2·3	56	3·0	74	4·2	65	3·0	20	2·7
APR	6	2·1	16	2·1	48	2·8	20	2·0	18	3·0	62	4·0	43	3·7	11	2·2
MAY	9	4·1	23	3·1	63	3·1	30	3·1	27	2·5	16	3·2	21	2·8	13	3·1
JUN	22	3·2	59	2·5	69	2·3	10	1·9	14	2·0	8	2·2	6	1·8	5	1·7
JUL	24	2·9	47	2·8	53	2·4	20	2·3	10	2·7	31	2·9	13	1·7	14	2·1
AUG	17	2·1	54	2·5	41	2·6	19	2·4	14	2·9	22	3·4	16	2·3	8	1·7
SEP	1	1·8	17	2·0	14	2·2	15	3·4	22	2·9	33	3·6	14	2·3	16	4·0
OCT	0	0·0	6	1·8	11	2·5	13	3·3	31	3·8	52	5·0	37	3·4	12	4·3
NOV	1	10·3	3	3·7	9	3·6	10	2·1	79	3·4	170	4·8	109	4·8	25	3·8
DEC	3	8·9	14	4·8	17	2·9	20	2·8	66	3·9	125	4·2	80	4·1	26	4·2
J/Y	95	3·1	254	2·9	406	2·5	229	2·5	496	3·4	782	4·2	633	4·0	195	3·3

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	28	3·7	24	3·6	167	6·5	16	8·5	5	7·1	3	8·4	23	8·7	9	6·9
FEB	24	2·3	26	3·0	91	4·6	11	6·1	4	6·8	2	4·7	3	4·0	0	0·0
MAR	18	2·4	25	3·1	93	4·8	67	5·0	8	6·5	24	8·7	17	7·8	15	3·7
APR	4	2·4	26	2·3	101	4·6	71	5·8	37	7·3	49	7·9	57	6·0	29	5·4
MAY	7	2·4	12	2·5	39	4·2	72	5·7	51	5·7	85	7·1	163	7·1	48	5·0
JUN	6	2·4	19	2·5	46	4·1	56	7·4	25	5·5	40	6·1	156	6·7	79	5·5
JUL	12	2·2	10	1·7	43	5·2	73	5·6	21	3·9	44	6·6	101	6·6	88	6·1
AUG	5	1·9	23	4·1	72	5·4	86	5·6	16	5·5	54	7·7	107	8·0	50	9·1
SEP	1	1·8	17	2·5	90	5·9	46	6·7	23	6·3	36	8·0	36	6·3	53	9·2
OCT	8	1·7	14	3·5	139	5·1	110	6·4	13	5·1	18	7·9	10	3·4	4	3·6
NOV	20	3·3	33	3·8	78	5·1	17	5·0	3	6·1	7	5·3	5	4·3	0	0·0
DEC	31	2·6	25	3·4	104	6·0	35	8·2	9	8·1	6	10·2	7	7·3	7	7·1
J/Y	164	2·7	254	3·1	1063	5·3	660	6·1	215	6·0	368	7·3	685	6·9	382	6·6

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	80	61	239	119	127	79	27	7	5	0	0	0	0	
FEB	168	75	194	123	72	35	4	1	0	0	0	0	0	
MAR	192	98	199	101	112	28	14	0	0	0	0	0	0	
APR	122	73	192	124	138	50	20	1	0	0	0	0	0	
MAY	65	50	194	132	198	79	23	3	0	0	0	0	0	
JUN	100	66	205	128	134	52	31	4	0	0	0	0	0	
JUL	140	86	184	131	117	68	17	1	0	0	0	0	0	
AUG	140	69	164	112	140	61	37	16	5	0	0	0	0	
SEP	286	50	111	60	119	67	24	3	0	0	0	0	0	
OCT	266	56	140	94	105	65	16	2	0	0	0	0	0	
NOV	151	68	184	129	136	45	7	0	0	0	0	0	0	
DEC	160	66	172	126	131	55	25	0	0	0	0	0	0	
J/Y	1870	818	2178	1379	1529	684	245	38	10	0	0	0	0	

106/850 VREDENDAL ø 31°40' S λ 18°29' E H 34M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	0	0·0			0	0·0			0	0·0			1	5·1		
FEB	7	2·8			2	3·9			0	0·0			1	5·7		
MAR	4	3·1			0	0·0			2	3·1			1	3·1		
APR	5	3·2			0	0·0			2	4·1			1	3·1		
MAY	13	3·5			9	4·0			2	4·6			3	3·8		
JUN	4	3·3			3	6·0			3	5·5			6	3·5		
JUL	2	6·7			4	4·8			4	4·3			7	3·7		
AUG	5	4·9			4	5·4			5	4·7			4	3·8		
SEP	2	3·1			2	4·6			4	5·8			3	2·7		
OCT	4	3·4			1	8·2			0	0·0			4	5·5		
NOV	4	2·7			0	0·0			0	0·0			3	4·3		
DEC	4	2·9			0	0·0			1	3·1			5	4·5		
J/Y	54	3·3			25	4·7			23	4·6			39	4·0		

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	2	6·4			42	6·1			13	4·2			9	4·2		
FEB	2	4·6			26	5·6			8	5·3			9	3·8		
MAR	2	2·3			30	4·9			4	3·8			8	4·8		
APR	2	6·2			18	3·9			8	4·2			16	3·7		
MAY	5	3·5			9	3·6			1	5·1			15	4·2		
JUN	4	3·4			4	3·1			2	3·6			4	3·1		
JUL	4	3·2			11	3·6			4	3·4			4	3·3		
AUG	7	3·4			14	4·1			5	5·1			5	3·4		
SEP	1	4·1			18	3·8			5	3·7			8	3·9		
OCT	6	3·9			27	4·8			13	4·1			11	3·6		
NOV	2	4·6			38	5·5			12	4·3			7	3·8		
DEC	1	2·6			40	6·2			13	4·2			3	6·5		
J/Y	38	3·9			277	5·1			88	4·2			99	3·9		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	26	0	7	30	24	6	0	0	0	0	0	0	0	
FEB	27	0	17	16	19	3	0	0	0	0	0	0	0	
MAR	41	0	15	23	13	0	0	0	0	0	0	0	0	
APR	38	0	25	20	7	0	0	0	0	0	0	0	0	
MAY	35	0	27	24	6	0	0	0	0	0	0	0	0	
JUN	60	0	16	9	5	0	0	0	0	0	0	0	0	
JUL	53	0	19	16	4	1	0	0	0	0	0	0	0	
AUG	44	0	18	20	11	0	0	0	0	0	0	0	0	
SEP	47	0	23	11	9	0	0	0	0	0	0	0	0	
OCT	27	0	24	27	14	1	0	0	0	0	0	0	0	
NOV	24	0	15	28	23	0	0	0	0	0	0	0	0	
DEC	25	0	14	22	31	0	0	0	0	0	0	0	0	
J/Y	447	0	220	246	166	11	0	0	0	0	0	0	0	

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

113/ 25 FRASERBURG — TRONK GAOL — φ 31°55'S λ 21°31'E — P BY/AT 1250GPM H 1259M — HT 1·2M HR 1·2M — M5 M5

1959	P IN MB 08	14	20	T IN °C 08	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	876·1	874·5	874·2	17·5	27·6	23·7	12·1	14·3	12·8	53	20	27	1·8	2·3	2·2
FEB	876·5	875·2	874·8	18·4	28·4	24·8	13·8	15·9	14·7	61	27	33	1·6	2·3	2·4
MAR	877·9	876·8	876·6	14·4	26·5	21·0	10·8	14·5	12·8	64	24	39	1·3	2·4	1·7
APR	877·4	876·2	876·5	9·3	20·9	15·7	7·1	11·7	10·0	74	34	50	3·2	3·4	3·1
MAY	876·0	874·8	875·8	3·9	13·3	8·3	3·3	8·3	6·1	91	51	74	4·4	3·7	2·1
JUN	882·7	881·7	882·1	0·9	16·5	8·7	-	8·5	4·7	-	31	54	2·0	1·4	1·2
JUL	882·6	881·5	881·8	1·1	15·5	8·7	-	8·2	4·6	-	35	52	2·1	1·4	0·7
AUG	882·0	880·9	881·4	2·4	16·6	9·9	-	8·7	5·5	-	34	52	1·5	1·5	0·9
SEP	880·3	878·6	878·9	7·8	21·9	14·8	3·7	10·2	7·2	53	19	31	1·9	2·1	1·0
OCT	877·6	876·1	876·4	11·8	21·3	15·9	7·8	10·8	9·0	60	26	41	3·1	3·4	1·9
NOV	877·4	875·5	875·8	17·2	27·1	21·6	11·5	14·1	12·2	51	21	32	1·3	1·8	1·3
DEC	876·2	874·7	874·5	18·2	27·3	22·8	12·6	14·7	13·3	53	23	34	2·2	2·3	1·7
J/Y	878·6	877·2	877·4	10·2	21·9	16·3	-	11·7	9·4	-	29	43	2·2	2·3	1·7

1959	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·4	15·1	21·3	-1·0	35·8	31	4·5	13	15·4	12	18·4	24	0·3	0·3	24
FEB	29·7	15·0	22·3	0·2	36·8	4	9·2	21	19·2	15	18·4	5	43·5	40·0	12
MAR	27·7	11·5	19·6	0·1	33·2	23	3·8	18	16·6	18	16·4	14	15·0	12·0	14
APR	22·2	7·5	14·9	-0·3	31·2	1	0·6	9	9·3	30	14·5	18	13·0	6·0	29
MAY	14·1	2·7	8·4	-2·6	19·8	5	-1·2	28	6·2	15	7·8	12	17·6	9·0	12
JUN	17·1	0·3	8·7	1·0	20·5	20	-4·8	25	9·6	24	4·6	21	0·6	0·6	25
JUL	16·4	0·3	8·3	1·2	21·1	29	-5·4	24	10·2	13	7·4	12	1·6	0·9	17
AUG	17·5	0·6	9·1	-0·3	24·4	28	-6·5	8	8·5	15	10·0	14	3·4	1·4	15
SEP	23·0	4·0	13·5	1·4	32·6	29	-3·2	1	11·1	9	12·0	20	0·1	0·1	12
OCT	22·7	7·3	15·0	-0·5	34·2	26	-2·9	5	9·6	4	13·6	29	18·2	14·0	8
NOV	28·5	11·4	19·9	1·6	35·2	22	1·6	1	14·8	1	19·2	17	0·1	0·1	23
DEC	28·7	13·3	21·0	0·5	33·3	15	7·9	5	20·6	4	19·5	16	53·7	49·0	12
J/Y	23·1	7·3	15·2	0·1	36·8	-	-6·5	-	6·2	-	19·5	-	167·1	49·0	-

AANTAL DAE IN GEGEWE PERKE — NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN ≥0·1	/OF ≥1·0	≥10	≥25	VAN RAIN >35	/OF >30	MAX TEMP <17·5	<10	VAN MIN TEMP <-2·5	/OF <0·0	<5	>20	☔	▲	✱	≡
JAN	1	0	0	0	1	17	1	0	0	0	1	0	3	0	0	0
FEB	3	2	1	1	3	16	0	0	0	0	0	0	-	0	0	0
MAR	2	2	1	0	0	11	1	0	0	0	1	0	-	0	0	0
APR	5	4	0	0	0	2	7	2	0	0	6	0	2	0	0	0
MAY	8	5	0	0	0	0	27	3	0	5	25	0	-	0	0	2
JUN	1	0	0	0	0	0	13	1	3	13	30	0	0	0	0	1
JUL	2	0	0	0	0	0	17	0	5	16	27	0	0	0	0	2
AUG	5	2	0	0	0	0	12	5	4	12	28	0	-	1	0	0
SEP	1	0	0	0	0	1	5	0	2	6	18	0	1	0	0	0
OCT	4	3	1	0	0	3	8	1	1	1	8	0	1	0	0	0
NOV	1	0	0	0	1	11	1	0	0	0	3	0	2	0	0	0
DEC	3	2	1	1	0	14	0	0	0	0	0	0	2	0	0	0
J/Y	36	20	4	2	5	75	92	12	15	53	147	0	-	1	0	5

123/683A QUEENSTOWN — φ 31°53'S λ 26°53'E — P BY/AT 1100GPM H 1094M — HT 1·2M HR 1·2M — N7 N7

1959	P IN MB 08	14	20	T IN °C 08	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
APR	893·7	891·7	892·6	12·1	23·6	16·4	10·1	14·0	12·2	78	35	62	4·4	3·6	3·2
MAY	892·3	890·9	891·9	8·3	17·2	12·4	-	10·9	8·6	-	46	61	3·9	4·3	3·0
JUN	899·5	897·6	898·6	4·2	19·1	10·9	-	9·9	5·9	-	25	45	1·8	1·8	1·3
JUL	899·9	898·2	899·0	6·2	17·4	11·0	-	9·9	7·0	-	37	56	3·3	2·4	1·7
AUG	898·8	896·5	897·7	5·6	19·1	12·1	-	9·5	6·7	-	26	47	2·4	1·4	1·5
SEP	897·0	894·5	895·7	10·2	23·4	14·9	-	11·6	9·5	-	23	53	3·1	2·4	1·9
OCT	894·0	891·3	893·1	13·6	23·8	15·5	10·7	12·9	11·5	70	29	64	4·4	4·5	4·4
NOV	894·5	891·9	893·9	16·1	24·6	16·9	12·6	15·0	13·3	68	37	68	4·4	3·7	4·5
DEC	892·7	890·7	891·8	17·4	25·0	18·1	13·9	16·5	14·7	68	43	71	3·4	4·1	4·5
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1959	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
APR	24·8	9·6	17·2	-	32·5	15	1·4	9	10·4	22	15·5	1	65·9	28·0	21
MAY	17·7	6·7	12·2	-	23·7	30	2·0	5	7·5	15	11·5	7	47·6	20·8	15
JUN	19·6	3·0	11·3	-	22·6	13	-3·6	25	11·2	3	13·0	21	0·4	0·4	7
JUL	18·1	4·7	11·4	-	23·0	30	-1·6	16	8·5	18	13·0	3	37·5	18·8	17
AUG	19·9	3·9	11·9	-	28·1	29	-1·6	8	9·0	7	16·7	29	10·3	4·4	2
SEP	24·3	6·0	15·1	-	31·9	28	-0·9	3	9·6	13	17·5	21	25·3	23·2	12
OCT	24·8	9·7	17·3	-	36·5	26	-0·2	6	10·8	19	16·6	27	13·5	6·4	8
NOV	26·3	11·5	18·9	-	35·4	23	4·5	2	13·7	8	15·0	18	34·1	13·2	17
DEC	26·7	13·3	20·0	-	34·2	15	9·0	29	16·6	2	18·1	8	89·8	29·5	21
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

AANTAL DAE IN GEGEWE PERKE — NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN ≥0·1	/OF ≥1·0	≥10	≥25	VAN RAIN >35	/OF >30	MAX TEMP <17·5	<10	VAN MIN TEMP <-2·5	/OF <0·0	<5	>20	☔	▲	✱	≡
JAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
APR	11	6	2	1	0	6	4	0	0	0	3	0	6	0	1	3
MAY	9	8	2	0	0	0	15	2	0	0	9	0	1	1	0	5
JUN	1	0	0	0	0	0	5	0	1	7	24	0	0	0	0	0
JUL	6	4	1	0	0	0	10	2	0	2	18	0	0	0	0	2
AUG	5	3	0	0	0	0	11	1	0	5	21	0	1	0	1	4
SEP	3	2	1	0	0	5	6	1	0	1	10	0	0	0	1	4
OCT	11	3	0	0	2	9	6	0	0	1	4	0	5	0	0	0
NOV	8	7	1	0	1	8	2	0	0	0	1	0	8	0	0	0
DEC	10	6	4	1	0	7	1	0	0	0	0	0	8	2	0	0
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

W I N D O N T L E D I N G W I N D A N A L Y S I S

113/ 25 FRASERBURG ø 31°55' S λ 21°31' E H 1259M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	6	6·0			3	2·9			5	2·8			11	3·3		
FEB	3	4·3			1	5·1			4	2·6			16	3·6		
MAR	3	4·3			2	2·6			2	2·6			10	3·9		
APR	9	8·5			4	3·2			2	3·1			4	4·5		
MAY	9	6·6			1	2·6			2	2·6			5	4·1		
JUN	7	4·8			1	2·6			1	5·1			1	2·6		
JUL	9	6·4			4	4·1			0	0·0			2	3·9		
AUG	10	6·4			0	0·0			5	4·1			3	3·8		
SEP	4	7·1			3	3·4			3	2·6			6	3·9		
OCT	1	2·6			2	3·9			5	3·1			12	3·8		
NOV	4	3·2			3	3·8			6	2·6			16	3·9		
DEC	2	7·7			3	4·3			7	3·3			16	4·2		
J/Y	67	5·7			27	3·6			42	3·0			102	3·8		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	21	4·1			7	3·8			22	4·7			9	5·3		
FEB	19	3·8			5	3·1			8	3·9			9	4·6		
MAR	9	3·4			4	3·2			16	5·0			12	6·2		
APR	4	5·8			2	3·9			18	4·3			15	6·3		
MAY	7	4·3			0	0·0			11	5·2			28	5·8		
JUN	2	3·9			3	2·6			6	6·4			16	6·0		
JUL	8	3·7			3	2·9			5	2·8			14	6·6		
AUG	7	2·7			2	5·1			13	4·4			11	6·5		
SEP	4	3·9			4	2·6			11	5·6			14	6·8		
OCT	10	2·6			8	3·7			18	4·6			15	5·8		
NOV	21	3·7			8	3·9			8	4·2			8	5·1		
DEC	18	3·9			6	3·9			13	5·4			11	4·9		
J/Y	130	3·7			52	3·5			149	4·8			162	5·9		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/ SEK M/ SEC
JAN	9	0	38	38	4	4	0	0	0	0	0	0	0	
FEB	19	0	37	24	4	0	0	0	0	0	0	0	0	
MAR	34	0	31	15	8	4	0	0	0	0	0	0	0	
APR	32	0	20	25	9	4	0	0	0	0	0	0	0	
MAY	30	0	22	20	16	4	1	0	0	0	0	0	0	
JUN	53	0	16	9	8	3	1	0	0	0	0	0	0	
JUL	47	0	20	11	8	5	1	0	0	0	0	0	0	
AUG	42	0	21	15	10	5	0	0	0	0	0	0	0	
SEP	40	0	19	17	8	4	1	0	0	0	0	0	0	
OCT	21	0	37	24	8	2	0	0	0	0	0	0	0	
NOV	15	0	41	27	6	0	0	0	0	0	0	0	0	
DEC	14	0	33	32	8	3	0	0	0	0	0	0	0	
J/Y	356	0	335	257	97	38	4	0	0	0	0	0	0	

123/683A QUEENSTOWN ø 31°53' S λ 26°53' E H 1094M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	-	-			-	-			-	-			-	-		
FEB	-	-			-	-			-	-			-	-		
MAR	-	-			-	-			-	-			-	-		
APR	2	4·9			5	2·7			10	2·7			10	2·6		
MAY	4	2·7			1	2·1			3	2·6			3	4·0		
JUN	3	2·2			0	0·0			0	0·0			0	0·0		
JUL	2	1·5			0	0·0			4	1·9			5	2·4		
AUG	4	4·6			2	2·6			2	2·1			3	1·9		
SEP	3	2·9			3	2·6			2	2·1			16	2·9		
OCT	3	3·8			2	2·8			8	3·4			22	3·3		
NOV	1	2·1			2	8·0			22	3·6			27	3·0		
DEC	2	2·8			2	2·3			17	3·4			28	3·2		
J/Y	-	-			-	-			-	-			-	-		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	-	-			-	-			-	-			-	-		
FEB	-	-			-	-			-	-			-	-		
MAR	-	-			-	-			-	-			-	-		
APR	2	1·8			4	3·4			8	3·3			11	6·6		
MAY	0	0·0			0	0·0			10	5·9			37	5·3		
JUN	0	0·0			3	4·1			15	3·7			21	4·2		
JUL	2	2·3			4	1·7			12	4·5			16	5·0		
AUG	2	3·3			11	2·6			10	4·7			12	5·2		
SEP	0	0·0			5	3·7			9	4·2			13	5·3		
OCT	0	0·0			6	3·2			13	3·8			11	6·1		
NOV	1	1·5			2	2·6			3	2·9			9	4·1		
DEC	3	3·2			6	3·5			3	4·3			8	4·3		
J/Y	-	-			-	-			-	-			-	-		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/ SEK M/ SEC
JAN	-	-	-	-	-	-	-	-	-	-	-	-	-	
FEB	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAR	-	-	-	-	-	-	-	-	-	-	-	-	-	
APR	40	6	24	11	5	3	1	0	0	0	0	0	0	
MAY	31	2	16	21	14	5	0	0	0	0	0	0	0	
JUN	48	4	17	12	9	0	0	0	0	0	0	0	0	
JUL	48	11	14	9	9	2	0	0	0	0	0	0	0	
AUG	46	9	16	11	6	4	0	0	0	0	0	0	0	
SEP	39	4	26	10	8	3	0	0	0	0	0	0	0	
OCT	29	11	17	26	8	2	0	0	0	0	0	0	0	
NOV	23	8	25	28	5	1	0	0	0	0	0	0	0	
DEC	22	16	27	16	9	1	0	0	0	0	0	0	0	
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	

K L I M A A T T A B E L L E — C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE EERSTE ORDE — FIRST ORDER STATIONS

127/485 UMTATA — φ 31°35'S λ 28°47'E — P BY/AT 7006PM H 700M — HT 1·2M HR 1·2M — M6 M6

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	-	-	-	18·0	24·5	19·0	15·9	18·6	16·7	87	57	80	6·0	5·6	6·2
FEB	-	-	-	18·9	26·8	19·8	17·3	20·5	18·0	86	57	85	5·5	4·6	5·8
MAR	-	-	-	17·1	25·8	19·3	15·9	19·6	17·6	88	57	85	5·2	4·3	4·8
APR	936·3	934·2	935·8	14·3	24·5	16·8	13·3	17·4	14·9	89	50	79	5·4	4·2	4·2
MAY	935·1	933·0	934·6	9·1	20·7	13·5	7·8	13·3	11·2	84	44	76	3·2	3·5	2·2
JUN	942·0	940·1	941·9	4·3	21·7	11·1	3·1	12·5	8·2	83	31	66	1·9	2·0	0·8
JUL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AUG	941·8	959·5	941·3	7·1	21·5	12·9	5·9	12·4	10·0	84	36	70	2·6	1·8	2·5
SEP	940·3	937·8	939·8	11·3	22·4	14·7	9·6	14·4	12·2	82	43	76	2·7	3·2	2·9
OCT	937·5	934·7	937·1	14·9	21·7	16·0	13·0	16·1	13·8	81	58	79	5·1	5·4	6·3
NOV	937·6	935·3	937·4	16·4	22·2	16·5	14·3	17·2	15·0	79	63	85	6·0	5·7	6·5
DEC	935·7	933·4	935·0	18·4	24·2	18·0	15·9	18·9	16·5	77	61	85	6·3	6·1	6·7
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	25·5	15·1	20·3	-1·4	38·0	27	9·0	14	17·0	2	20·0	24	40·8	10·0	1
FEB	27·6	16·4	22·0	-0·1	38·0	5	10·0	21	18·6	16	19·9	28	62·5	28·0	15
MAR	27·2	15·3	21·3	0·2	34·9	28	8·4	20	17·7	18	19·1	29	109·9	47·2	4
APR	25·4	12·4	18·9	0·4	34·5	15	5·0	9	13·0	22	17·0	20	103·0	34·0	21
MAY	21·4	7·3	14·3	-1·0	28·2	6	2·9	28	13·4	15	12·4	11	83·0	28·7	16
JUN	22·3	2·6	12·5	0·2	26·5	13	-1·0	25	14·2	9	11·0	8	0·0	0·0	-
JUL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AUG	22·0	5·3	13·7	-0·4	32·0	29	1·7	8	11·1	31	12·5	30	33·3	15·8	31
SEP	23·1	8·2	15·7	-0·4	35·7	30	2·2	3	10·2	13	18·0	30	25·4	18·2	12
OCT	23·6	11·9	17·7	-0·4	36·0	26	3·4	7	14·1	19	17·6	29	70·7	36·0	10
NOV	23·5	12·9	18·2	-1·1	32·6	4	6·6	2	14·5	2	16·9	13	83·9	17·2	18
DEC	25·6	14·9	20·3	-0·2	34·6	21	11·4	3	16·5	17	18·9	21	91·5	25·3	1
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF >35	>30	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	≤	≥	≤	≥
JAN	17	12	1	0	1	6	1	0	0	0	0	0	-	1	0	1
FEB	10	8	1	1	2	5	0	0	0	0	0	0	-	0	0	3
MAR	16	11	3	2	0	10	0	0	0	0	0	0	8	1	0	3
APR	10	10	3	1	0	6	1	0	0	0	0	0	-	0	0	6
MAY	5	4	3	2	0	0	7	0	0	0	9	0	0	0	0	3
JUN	0	0	0	0	0	0	3	0	0	2	26	0	0	0	0	1
JUL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AUG	3	3	2	0	0	1	8	0	0	0	17	0	1	0	0	10
SEP	4	4	1	0	1	4	5	0	0	0	6	0	-	-	-	-
OCT	12	9	3	1	1	4	6	0	0	0	2	0	2	0	0	2
NOV	17	10	4	0	0	5	4	0	0	0	0	0	6	0	0	0
DEC	16	11	4	1	0	4	2	0	0	0	0	0	7	1	0	1
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

129/ 68A CAPE HERMES VRT — φ 31°38'S λ 29°53'E — P BY/AT 0GPM H 47M — HT 1·2M HR 1·2M — 88 88

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	1013·8	1012·3	1013·0	21·9	22·5	21·2	19·3	20·1	19·4	78	79	84	5·8	5·1	6·2
FEB	1013·9	1012·6	1013·7	22·3	23·7	22·4	20·0	21·0	20·5	81	77	85	5·5	4·7	5·9
MAR	1015·8	1014·4	1015·0	21·6	22·9	21·2	19·4	20·4	19·8	80	78	87	4·6	3·5	3·8
APR	1015·2	1013·2	1014·8	20·5	22·0	20·6	17·9	19·2	18·5	76	76	81	5·3	4·0	4·0
MAY	1014·0	1012·3	1013·5	18·1	20·7	19·2	14·2	16·6	15·9	63	63	70	3·2	3·2	2·1
JUN	1021·7	1020·0	1021·1	16·4	20·8	18·4	11·1	15·4	13·9	50	56	58	1·9	1·7	1·0
JUL	1022·9	1021·2	1022·2	16·7	20·2	17·7	12·9	16·3	15·1	64	67	76	2·5	2·5	2·0
AUG	1021·2	1019·6	1020·7	18·1	19·9	18·0	13·8	16·5	14·8	61	70	70	2·1	2·3	2·6
SEP	1020·2	1017·8	1019·3	17·7	19·5	18·0	14·8	16·9	15·9	71	74	80	3·0	3·2	3·3
OCT	1017·3	1014·9	1016·3	18·9	19·9	18·4	16·7	17·7	16·8	78	79	84	5·6	5·6	6·0
NOV	1017·4	1015·3	1016·7	20·2	21·0	19·6	17·8	18·5	17·9	77	78	84	5·0	4·7	5·8
DEC	1014·4	1012·6	1014·0	21·6	22·6	21·2	19·2	20·3	19·5	79	80	85	5·8	5·1	6·4
J/Y	1017·3	1015·5	1016·7	19·5	21·3	19·7	16·4	18·2	17·3	71	73	79	4·2	3·8	4·1

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	23·9	18·5	21·2	-1·1	29·0	27	15·5	14	21·0	15	22·5	10	72·1	11·0	1
FEB	24·8	19·4	22·1	-0·7	28·5	11	16·2	21	22·0	20	22·5	28	82·9	24·5	15
MAR	24·6	18·5	21·5	-0·5	28·2	3	13·7	19	19·0	18	22·2	3	46·0	13·2	5
APR	23·7	17·7	20·7	-0·2	33·8	7	13·0	9	17·5	22	21·3	2	65·9	28·0	22
MAY	23·0	14·9	18·9	-0·7	26·0	10	12·0	16	18·5	15	18·3	11	50·2	26·0	18
JUN	23·4	13·7	18·5	0·4	28·0	21	10·5	4	18·5	9	16·8	21	0·0	0·0	-
JUL	22·2	14·3	18·3	1·0	29·9	7	11·0	5	15·5	8	18·0	28	75·6	30·8	18
AUG	22·9	14·5	18·7	1·0	29·5	23	11·0	31	16·2	7	18·5	23	97·8	43·5	31
SEP	20·7	14·9	17·8	-0·5	23·3	29	9·5	14	14·5	1	18·5	19	46·4	23·0	1
OCT	21·1	16·3	18·7	-0·4	24·0	28	10·0	5	18·2	4	19·5	28	79·0	17·5	8
NOV	22·3	17·2	19·7	-0·5	24·6	14	12·2	2	19·2	2	20·6	14	77·2	20·5	18
DEC	23·8	18·8	21·3	-0·2	27·2	8	15·8	18	19·0	2	21·5	21	121·4	31·0	17
J/Y	23·0	16·6	19·8	-0·1	33·8	-	9·5	-	14·5	-	22·5	-	812·5	43·5	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF >35	>30	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	≤	≥	≤	≥
JAN	16	14	1	0	0	0	0	0	0	0	0	9	5	0	0	0
FEB	11	8	4	0	0	0	0	0	0	0	0	7	4	0	0	0
MAR	8	6	3	0	0	0	0	0	0	0	0	8	7	0	0	1
APR	10	8	2	2	0	1	0	0	0	0	0	4	3	0	0	0
MAY	6	5	2	1	0	0	0	0	0	0	0	0	-	0	0	0
JUN	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0
JUL	7	7	3	1	0	0	2	0	0	0	0	0	1	0	0	0
AUG	6	5	4	1	0	0	2	0	0	0	0	0	1	0	0	0
SEP	8	5	2	0	0	0	2	0	0	0	0	0	2	0	0	0
OCT	15	12	3	0	0	0	0	0	0	0	0	0	4	0	0	0
NOV	16	11	3	0	0	0	0	0	0	0	0	2	5	0	0	0
DEC	18	14	3	2	0	0	0	0	0	0	0	4	3	0	0	0
J/Y	121	95	30	7	0	1	6	0	0	0	0	34	-	0	0	1

W I N D O N T L E D I N G W I N D A N A L Y S I S

127/485 UMTATA ø 31°35' S λ 28°47' E H 700M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	1	5·1			1	2·6			0	0·0			31	3·5		
FEB	0	0·0			0	0·0			0	0·0			24	3·0		
MAR	0	0·0			1	2·6			0	0·0			18	3·0		
APR	2	2·6			1	5·1			0	0·0			7	3·7		
MAY	1	2·6			7	3·8			0	0·0			4	5·5		
JUN	0	0·0			1	2·6			0	0·0			5	3·1		
JUL	-	-			-	-			-	-			-	-		
AUG	0	0·0			2	2·6			0	0·0			11	3·5		
SEP	0	0·0			3	2·6			0	0·0			22	3·1		
OCT	1	2·6			0	0·0			0	0·0			32	3·4		
NOV	0	0·0			6	3·0			0	0·0			31	3·4		
DEC	0	0·0			7	2·6			1	2·6			12	4·1		
J/Y	-	-			-	-			-	-			-	-		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	6	3·0			7	4·6			1	2·6			3	2·6		
FEB	6	2·6			3	2·6			2	2·6			0	0·0		
MAR	2	2·6			6	6·4			0	0·0			1	5·1		
APR	9	3·0			2	3·9			0	0·0			3	4·3		
MAY	1	2·6			10	5·7			3	6·0			3	4·3		
JUN	2	2·6			5	4·6			0	0·0			0	0·0		
JUL	-	-			-	-			-	-			-	-		
AUG	4	2·6			13	4·0			0	0·0			3	6·0		
SEP	2	2·6			8	4·2			3	2·6			0	0·0		
OCT	2	2·6			11	4·2			3	2·9			1	2·6		
NOV	11	3·0			9	4·3			0	0·0			3	2·6		
DEC	5	3·6			13	4·4			2	6·4			2	2·6		
J/Y	-	-			-	-			-	-			-	-		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	42	0	53	15	2	0	0	0	0	0	0	0	0	
FEB	49	0	32	2	1	0	0	0	0	0	0	0	0	
MAR	64	0	21	3	3	0	1	0	0	0	0	0	0	
APR	65	0	15	8	1	0	0	0	0	0	0	0	0	
MAY	64	0	10	13	4	2	0	0	0	0	0	0	0	
JUN	77	0	8	5	0	0	0	0	0	0	0	0	0	
JUL	-	-	-	-	-	-	-	-	-	-	-	-	-	
AUG	60	0	20	11	2	0	0	0	0	0	0	0	0	
SEP	52	0	30	6	2	0	0	0	0	0	0	0	0	
OCT	43	0	38	6	6	0	0	0	0	0	0	0	0	
NOV	30	0	41	19	0	0	0	0	0	0	0	0	0	
DEC	48	0	27	9	6	0	0	0	0	0	0	0	0	
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	

129/ 68A CAPE HERMES ø 31°38' S λ 29°33' E H 47M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	3	4·5			24	7·2			1	1·5			1	2·6		
FEB	6	5·1			23	7·1			2	2·3			0	0·0		
MAR	10	3·8			24	4·5			0	0·0			2	3·1		
APR	4	3·9			30	6·5			2	1·5			0	0·0		
MAY	15	2·2			14	4·2			1	2·1			2	10·8		
JUN	8	3·1			15	3·2			0	0·0			1	12·4		
JUL	10	2·6			21	4·8			0	0·0			2	3·1		
AUG	9	3·0			17	5·8			0	0·0			0	0·0		
SEP	5	4·4			27	8·7			0	0·0			0	0·0		
OCT	5	2·5			32	9·9			0	0·0			3	2·2		
NOV	3	2·7			38	8·3			1	4·6			5	3·4		
DEC	2	1·8			29	7·2			4	4·0			3	2·4		
J/Y	80	3·1			294	6·8			11	2·9			19	4·2		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	7	4·4			25	5·8			0	0·0			1	1·5		
FEB	13	4·3			11	2·9			0	0·0			2	2·6		
MAR	5	3·0			18	2·9			0	0·0			2	2·1		
APR	5	3·4			17	3·3			0	0·0			1	2·1		
MAY	9	6·0			15	2·6			0	0·0			16	2·7		
JUN	6	2·9			16	3·1			0	0·0			36	3·1		
JUL	6	3·7			17	4·0			2	1·8			18	3·7		
AUG	15	5·5			18	4·5			0	0·0			21	3·6		
SEP	12	4·3			20	5·8			0	0·0			11	2·4		
OCT	9	4·1			28	4·0			1	2·6			4	1·7		
NOV	7	5·8			27	6·1			0	0·0			3	2·2		
DEC	13	4·1			25	3·6			0	0·0			3	3·4		
J/Y	107	4·4			237	4·2			3	2·1			118	3·0		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	31	9	10	11	16	10	4	2	0	0	0	0	0	
FEB	27	12	18	7	7	5	8	0	0	0	0	0	0	
MAR	32	13	25	13	5	4	1	0	0	0	0	0	0	
APR	30	12	18	11	9	1	6	2	0	0	0	0	0	
MAY	21	18	30	14	6	0	4	0	0	0	0	0	0	
JUN	8	15	38	24	3	1	1	0	0	0	0	0	0	
JUL	17	12	29	20	9	5	1	0	0	0	0	0	0	
AUG	13	10	24	22	16	6	1	0	1	0	0	0	0	
SEP	15	11	14	17	15	6	7	2	3	0	0	0	0	
OCT	11	10	24	20	7	8	5	1	7	0	0	0	0	
NOV	6	1	19	25	16	10	7	5	1	0	0	0	0	
DEC	14	9	24	21	13	7	4	1	0	0	0	0	0	
J/Y	225	132	273	205	122	63	49	13	12	0	0	0	0	

KLIMAATTABELLE — CLIMATOLOGICAL TABLES
STASIES VAN DIE EERSTE ORDE — FIRST ORDER STATIONS

134/478 CALVINIA — TRONK GAOL — φ 31°28'S λ 19°46'E — P BY/AT 1000GPM — H 980M — HT 1·2M HR 1·2M — 89 89

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	902·2	900·5	900·9	18·8	29·5	22·8	13·1	16·1	13·5	51	22	31	1·3	1·4	1·1
FEB	902·0	900·7	900·7	18·7	30·5	24·7	13·9	18·1	16·1	60	28	40	1·3	1·5	1·3
MAR	903·8	902·2	902·7	14·6	28·7	21·2	11·0	17·0	14·1	65	28	44	1·3	1·8	1·4
APR	903·6	902·0	903·0	10·4	22·6	15·3	8·1	13·4	10·7	74	36	57	3·4	3·2	1·8
MAY	902·4	901·4	902·5	6·5	13·5	9·5	5·6	9·6	7·7	87	62	79	4·8	4·3	3·5
JUN	908·7	907·6	908·2	6·7	18·5	11·0	4·1	11·0	7·3	69	38	61	1·9	1·5	0·8
JUL	909·0	907·7	908·1	4·8	17·3	10·0	2·9	10·1	6·7	75	38	63	1·6	1·3	1·5
AUG	908·4	907·3	907·9	5·8	17·7	10·7	3·7	10·6	7·3	73	41	62	2·2	1·9	1·3
SEP	906·4	904·8	905·2	9·5	22·9	14·6	5·7	12·4	8·8	59	27	46	2·6	2·1	1·0
OCT	904·2	902·6	903·2	11·8	22·1	15·1	8·4	12·5	9·6	64	31	49	2·9	2·8	1·7
NOV	903·4	901·5	901·8	18·1	28·4	21·8	12·7	16·6	14·2	54	27	42	1·5	1·2	0·9
DEC	902·2	900·5	900·7	18·9	29·0	23·2	13·3	16·3	14·2	53	24	36	2·0	1·4	1·5
J/Y	904·7	903·2	903·7	12·1	23·4	16·7	8·5	13·6	10·8	65	33	51	2·2	2·0	1·5

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	31·4	12·2	21·8	-1·0	38·7	30	5·4	13	20·0	12	17·6	30	0·0	0·0	-
FEB	32·7	13·9	23·3	0·8	40·4	4	7·9	20	25·8	12	21·6	4	15·0	7·7	12
MAR	30·5	11·1	20·8	-0·1	36·8	13	3·0	18	20·6	17	18·4	13	1·9	1·0	8
APR	24·6	8·2	16·4	0·3	33·0	1	1·1	9	11·0	30	17·8	17	31·9	8·5	29
MAY	16·0	5·3	10·7	-2·5	23·4	5	-0·7	16	10·0	24	11·5	5	117·0	35·0	12
JUN	20·4	5·0	12·7	2·0	24·9	20	-1·2	9	9·7	2	15·5	20	8·2	6·8	23
JUL	19·3	3·7	11·5	2·0	25·1	29	-5·1	24	13·4	12	13·5	27	4·7	2·5	13
AUG	20·0	3·8	11·9	0·6	28·1	12	-5·5	8	8·2	15	17·0	12	27·1	12·5	15
SEP	24·9	5·0	14·9	2·0	35·9	29	-1·8	13	12·0	12	12·3	20	2·0	1·0	11
OCT	24·1	6·8	15·5	-1·1	35·0	25	-3·4	5	12·0	31	15·4	25	6·3	3·8	30
NOV	30·2	10·7	20·5	2·1	38·4	22	1·2	1	16·2	1	19·1	23	0·0	0·0	-
DEC	31·1	13·0	22·1	1·4	36·9	20	6·7	18	20·6	4	19·4	3	6·0	4·5	3
J/Y	25·4	8·2	16·8	0·5	40·4	-	-5·5	-	8·2	-	21·6	-	220·1	35·0	-

AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN (≥0·1, ≥1·0, ≥10, ≥25); VAN /OF MAX TEMP (>35, >30, <17·5, <10); NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP (<-2·5, <0·0, <5, >20); VAN /OF (%, ▲, ✱, ≡)

1959	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20	%	▲	✱	≡
JAN	0	0	0	0	4	22	0	0	0	0	0	0	1	0	0	0
FEB	3	3	0	0	8	22	0	0	0	0	0	2	-	0	0	1
MAR	2	1	0	0	2	20	0	0	0	0	1	0	3	0	0	2
APR	10	7	0	0	0	7	5	0	0	0	5	0	3	1	0	1
MAY	15	14	3	1	0	0	17	0	0	1	15	0	2	0	0	5
JUN	4	1	0	0	0	0	8	1	0	3	17	0	0	0	0	1
JUL	4	2	0	0	0	0	11	0	2	7	18	0	0	0	0	3
AUG	6	5	1	0	0	0	11	1	2	4	23	0	0	1	1	0
SEP	5	1	0	0	1	7	3	0	0	4	16	0	0	1	0	2
OCT	5	2	0	0	0	6	5	0	1	1	7	0	2	0	0	0
NOV	0	0	0	0	5	17	1	0	0	0	1	0	0	0	0	0
DEC	4	1	0	0	4	19	0	0	0	0	0	0	0	0	0	0
J/Y	58	37	4	1	24	120	61	2	5	20	101	2	-	3	1	15

141/264 VICTORIA WEST — LUGVERKEER AIR TRAFFIC — φ 31°24'S λ 23°09'E — P BY/AT 1250GPM — H 1256M — HT 1·2M HR 1·2M — C1 C1

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	875·8	873·5	873·1	17·4	27·4	23·6	12·7	14·3	12·4	58	20	25	2·9	3·9	3·0
FEB	876·0	874·1	873·9	18·5	29·1	24·8	13·8	15·6	14·0	61	23	30	2·3	3·6	2·7
MAR	877·8	876·1	876·1	15·3	27·2	21·2	11·2	14·1	12·6	61	22	36	2·5	3·2	2·1
APR	877·1	875·5	876·1	10·6	21·9	15·8	7·5	12·4	9·9	66	35	49	3·4	3·9	2·6
MAY	876·0	874·1	875·7	3·8	14·1	8·2	2·8	7·7	5·3	87	42	65	4·4	4·7	1·8
JUN	883·2	881·7	882·3	-1·0	16·3	7·2	-	-	3·4	-	-	53	1·7	1·5	1·2
JUL	882·8	881·5	882·2	0·6	15·5	7·7	-	7·7	3·9	-	33	54	2·3	2·3	1·5
AUG	882·3	880·4	881·2	2·5	17·2	9·1	0·3	7·8	3·9	68	26	42	1·6	1·5	1·4
SEP	880·4	877·9	878·7	9·0	22·9	14·5	3·7	9·5	5·8	42	12	23	2·3	1·9	1·4
OCT	877·3	875·1	875·8	13·1	23·2	16·4	8·2	10·4	8·2	52	16	30	3·6	4·1	3·3
NOV	877·3	874·3	874·9	17·6	27·8	22·1	11·6	13·5	11·8	49	16	27	2·0	2·9	2·2
DEC	876·0	873·7	873·5	18·5	27·3	23·2	12·7	14·3	12·7	51	23	29	2·4	3·4	2·0
J/Y	878·5	876·5	877·0	10·5	22·5	16·1	-	-	8·7	-	-	39	2·6	3·1	2·1

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·6	12·3	20·9	-1·4	35·6	19	5·0	14	18·1	12	17·6	24	31·4	14·3	25
FEB	31·0	13·4	22·2	0·7	37·3	5	5·7	21	18·3	15	17·2	12	22·3	19·2	12
MAR	28·8	10·6	19·7	0·9	33·6	7	4·5	19	16·2	18	17·6	3	29·3	18·7	16
APR	23·4	6·4	14·9	-0·3	30·3	2	-0·9	9	8·4	29	13·3	18	11·6	8·0	29
MAY	15·3	1·6	8·5	-2·2	20·8	20	-3·9	28	4·0	15	7·7	7	13·2	9·8	12
JUN	17·5	-3·2	7·1	-0·1	21·7	21	-9·6	26	10·8	24	3·5	7	0·0	0·0	-
JUL	16·5	-1·6	7·5	1·8	21·2	27	-5·7	24	6·3	17	7·5	12	6·6	5·3	17
AUG	18·5	-1·9	8·3	-0·8	24·8	28	-9·5	8	8·8	16	6·3	14	1·3	0·8	6
SEP	24·1	1·8	12·9	0·8	32·6	29	-6·3	2	12·1	12	16·0	30	0·0	0·0	-
OCT	24·7	6·3	15·5	-0·4	36·2	26	-4·5	5	10·6	4	13·3	27	11·9	10·2	8
NOV	29·5	10·2	19·9	1·6	34·6	22	0·4	2	15·6	1	16·0	5	5·2	5·2	17
DEC	29·7	12·1	20·9	0·1	35·6	15	7·5	5	19·8	4	17·3	1	27·8	18·5	3
J/Y	24·1	5·7	14·9	0·1	37·3	-	-9·6	-	4·0	-	17·6	-	160·6	19·2	-

AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN (≥0·1, ≥1·0, ≥10, ≥25); VAN /OF MAX TEMP (>35, >30, <17·5, <10); NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP (<-2·5, <0·0, <5, >20); VAN /OF (%, ▲, ✱, ≡)

1959	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20	%	▲	✱	≡
JAN	-	5	2	0	2	17	0	0	0	0	0	0	5	0	0	0
FEB	-	2	1	0	4	19	0	0	0	0	0	0	5	0	0	0
MAR	-	5	1	0	0	16	1	0	0	0	3	0	6	0	0	0
APR	-	4	0	0	0	2	6	2	0	2	13	0	3	0	0	0
MAY	-	3	0	0	0	0	23	2	3	8	26	0	-	0	1	4
JUN	-	0	0	0	0	0	12	0	18	26	30	0	0	0	0	0
JUL	-	1	0	0	0	0	16	2	17	21	29	0	0	0	0	2
AUG	-	0	0	0	0	0	12	2	14	24	30	0	0	1	0	0
SEP	-	0	0	0	0	4	5	0	5	11	21	0	0	0	0	0
OCT	-	2	1	0	1	7	4	0	2	4	10	0	3	0	0	0
NOV	-	1	0	0	0	16	1	0	0	0	3	0	6	0	0	0
DEC	-	4	1	0	1	17	0	0	0	0	0	0	6	0	0	0
J/Y	-	27	6	0	8	98	80	8	59	96	165	0	-	1	1	6

W I N D O N T L E D I N G W I N D A N A L Y S I S

134/478 CALVINIA φ 31°28'S λ 19°46'E H 980M HA 9M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	1	2·6			0	0·0			3	2·9			14	3·6		
FEB	0	0·0			2	2·6			6	3·2			6	3·4		
MAR	3	6·3			2	2·3			3	2·9			11	3·3		
APR	2	9·0			6	3·4			5	2·8			5	4·8		
MAY	3	4·1			6	4·2			3	2·9			6	4·4		
JUN	13	7·0			3	4·0			4	2·6			9	2·9		
JUL	9	6·6			5	3·4			10	3·3			6	3·6		
AUG	11	6·7			4	2·9			7	3·4			8	3·4		
SEP	3	5·7			4	3·9			10	3·3			5	3·1		
OCT	1	2·6			4	4·5			5	4·0			7	4·0		
NOV	0	0·0			2	2·8			5	3·0			14	4·4		
DEC	0	0·0			1	5·1			4	3·9			15	4·2		
J/Y	46	6·5			41	3·6			65	3·2			106	3·8		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	1	5·1			37	5·0			17	6·2			5	6·9		
FEB	2	2·6			36	3·7			10	5·4			3	4·6		
MAR	0	0·0			10	3·7			22	4·6			8	4·7		
APR	1	2·6			9	3·8			21	4·7			12	7·0		
MAY	1	3·6			2	2·6			21	5·0			20	7·5		
JUN	0	0·0			6	3·0			5	3·8			11	4·3		
JUL	0	0·0			2	2·6			10	3·3			9	4·9		
AUG	0	0·0			6	3·9			16	4·1			11	7·2		
SEP	0	0·0			8	5·1			17	4·4			12	5·0		
OCT	0	0·0			11	3·7			38	4·4			3	7·1		
NOV	5	2·8			22	3·7			24	4·6			3	4·6		
DEC	3	4·5			45	3·7			12	5·5			5	4·8		
J/Y	13	3·3			194	4·0			213	4·7			102	6·0		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+ M/SEC
JAN	14	1	21	23	29	4	0	0	0	0	0	0	0
FEB	19	0	26	30	9	0	0	0	0	0	0	0	0
MAR	34	0	24	26	8	1	0	0	0	0	0	0	0
APR	28	0	21	22	12	6	0	0	0	0	0	0	0
MAY	31	0	15	21	20	5	1	0	0	0	0	0	0
JUN	37	0	24	18	8	1	2	0	0	0	0	0	0
JUL	41	0	23	20	3	5	0	0	0	0	0	0	0
AUG	30	0	22	22	12	6	1	0	0	0	0	0	0
SEP	31	0	22	24	10	3	0	0	0	0	0	0	0
OCT	24	0	24	26	18	1	0	0	0	0	0	0	0
NOV	14	0	31	29	14	1	0	0	0	0	0	0	0
DEC	8	0	34	34	15	2	0	0	0	0	0	0	0
J/Y	311	1	287	295	158	35	4	0	0	0	0	0	0

141/264 VICTORIA WEST φ 31°24'S λ 23°09'E H 1256M HA 11M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	10	6·6			3	5·3			3	4·8			9	5·6		
FEB	8	4·9			1	5·1			4	2·3			8	4·7		
MAR	10	5·9			1	12·9			2	3·1			7	6·6		
APR	16	6·0			0	0·0			0	0·0			4	5·4		
MAY	17	6·8			2	2·1			2	1·5			3	8·1		
JUN	16	5·7			0	0·0			1	2·6			2	4·9		
JUL	16	6·5			0	0·0			0	0·0			6	3·3		
AUG	17	7·8			1	5·1			1	3·6			4	8·1		
SEP	6	5·8			2	4·4			1	2·1			2	6·9		
OCT	11	7·3			4	5·0			4	3·3			8	7·7		
NOV	6	6·4			4	5·8			10	3·8			19	5·8		
DEC	11	4·6			3	5·0			4	3·6			16	6·9		
J/Y	144	6·3			21	5·2			32	3·3			88	6·1		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	30	7·5			6	5·7			15	5·7			10	8·0		
FEB	34	6·8			6	4·3			10	6·2			7	7·9		
MAR	17	6·4			7	4·5			19	6·7			12	7·3		
APR	11	6·2			4	5·2			18	6·2			17	7·5		
MAY	10	8·3			4	8·0			9	7·4			25	7·0		
JUN	5	3·5			4	4·9			5	4·1			19	6·1		
JUL	11	5·2			2	5·9			5	3·4			23	6·5		
AUG	15	8·0			4	7·1			13	7·5			9	5·4		
SEP	14	7·3			1	7·7			14	6·6			21	8·8		
OCT	18	6·3			9	5·9			15	8·2			10	7·7		
NOV	28	8·6			7	4·4			5	7·0			8	7·6		
DEC	27	7·8			6	6·8			15	7·8			6	5·8		
J/Y	222	6·9			60	5·6			143	6·8			167	7·2		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+ M/SEC
JAN	7	6	7	18	26	21	8	0	0	0	0	0	0
FEB	6	1	11	27	21	17	1	0	0	0	0	0	0
MAR	18	2	11	24	20	12	5	0	1	0	0	0	0
APR	20	3	15	17	11	15	7	2	0	0	0	0	0
MAY	21	7	4	17	17	18	9	0	0	0	0	0	0
JUN	37	4	11	20	7	8	3	0	0	0	0	0	0
JUL	30	9	4	24	11	12	3	0	0	0	0	0	0
AUG	28	3	4	15	19	13	11	0	0	0	0	0	0
SEP	29	1	5	17	15	14	9	0	0	0	0	0	0
OCT	14	1	16	16	20	14	12	0	0	0	0	0	0
NOV	3	0	15	21	24	21	6	0	0	0	0	0	0
DEC	5	2	15	17	22	26	6	0	0	0	0	0	0
J/Y	218	39	118	233	213	191	80	2	1	0	0	0	0

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

145/ 59 GROOTFONTEIN LANDBOU AGRIC φ 31°29' S λ 25°02' E P BY/AT 1250GPM H 1263M HT 1·2M HR 1·2M M7 M7

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	876·7	873·7	874·7	16·8	26·6	20·8	–	–	–	–	–	–	3·3	3·3	3·3
FEB	877·1	874·7	875·4	17·3	26·7	20·8	–	–	–	–	–	–	3·3	3·3	2·6
MAR	879·0	876·7	877·5	15·0	25·5	19·1	–	15·3	13·2	–	33	53	3·1	2·7	2·1
APR	878·1	876·1	877·0	11·5	21·3	15·2	8·4	12·0	9·6	68	35	50	3·9	3·5	2·7
MAY	876·9	875·0	876·4	6·3	14·2	9·6	4·3	8·2	6·2	73	45	61	3·7	4·3	2·5
JUN	883·8	882·1	883·1	2·2	16·7	7·2	0·1	8·1	3·1	69	27	50	1·7	1·3	1·2
JUL	883·8	882·1	883·1	3·3	15·4	7·8	1·6	8·4	4·4	76	39	59	2·5	2·3	1·1
AUG	882·8	880·7	881·9	4·6	17·2	9·0	1·9	8·4	4·2	66	30	47	1·6	1·2	1·2
SEP	881·1	878·4	879·4	11·2	22·0	14·3	6·1	10·7	6·9	48	22	34	1·7	1·7	1·2
OCT	877·9	875·3	876·7	14·1	22·7	16·8	9·6	12·3	10·2	57	28	45	3·1	3·6	3·2
NOV	878·2	875·0	876·5	16·5	25·8	19·2	12·2	14·9	12·6	62	29	48	2·9	2·8	2·1
DEC	876·7	873·9	874·7	17·4	26·6	20·4	13·5	15·3	13·8	63	29	48	2·7	3·2	2·4
J/Y	879·3	877·0	878·0	11·3	21·7	15·0	–	–	–	–	–	–	2·8	2·8	2·1

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	27·9	10·8	19·3	-1·6	33·3	19	3·8	14	15·8	13	17·3	28	33·5	22·5	24
FEB	28·1	12·1	20·1	-0·6	33·8	5	5·2	21	17·0	15	17·1	5	85·8	28·0	11
MAR	26·6	10·1	18·3	-0·2	32·0	28	2·0	19	14·8	18	17·2	1	34·5	17·7	17
APR	22·3	6·6	14·5	-0·1	29·2	15	-0·2	10	8·5	22	12·7	1	37·1	15·0	28
MAY	14·9	3·9	9·4	-1·5	20·5	20	-2·1	28	6·0	15	9·4	21	31·9	29·5	12
JUN	17·2	-1·2	8·0	0·1	20·3	23	-8·8	25	9·2	3	8·3	8	0·0	0·0	–
JUL	15·9	-0·2	7·9	0·6	20·5	30	-5·0	26	6·0	17	8·6	12	20·3	9·0	17
AUG	17·8	-0·5	8·7	-1·0	25·2	29	-8·6	8	7·7	7	13·0	14	1·5	1·2	14
SEP	22·9	2·2	12·5	0·0	31·4	29	-7·0	2	10·4	13	19·8	30	0·1	0·1	12
OCT	23·5	5·8	14·7	-0·7	33·4	26	-3·5	7	9·2	4	15·4	22	31·0	22·8	20
NOV	27·2	8·4	17·8	0·2	32·8	29	-0·3	3	15·1	2	13·0	4	3·2	2·4	7
DEC	28·0	10·4	19·2	-0·9	33·6	21	5·1	19	20·2	5	21·5	21	16·8	7·2	1
J/Y	22·7	5·7	14·2	-0·5	33·8	–	-8·8	–	6·0	–	21·5		295·7	29·5	–

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ≤	▲	≥	≡
JAN	4	4	1	0	0	10	2	0	0	0	2	0	8	0	0	0
FEB	6	5	3	2	0	11	1	0	0	0	0	0	4	0	0	2
MAR	7	5	1	0	0	7	2	0	0	0	3	0	9	0	0	0
APR	7	5	1	0	0	0	7	2	0	1	12	0	6	0	0	0
MAY	4	2	1	1	0	0	20	2	0	3	20	0	3	0	0	0
JUN	0	0	0	0	0	0	11	1	11	20	28	0	1	0	0	0
JUL	3	3	0	0	0	0	17	4	7	19	26	0	–	0	0	0
AUG	3	1	0	0	0	0	13	2	11	19	26	0	1	0	0	0
SEP	1	0	0	0	0	3	5	0	6	12	22	0	0	0	0	0
OCT	4	3	1	0	0	6	7	1	1	4	13	0	1	0	0	0
NOV	5	1	0	0	0	11	3	0	0	1	3	0	7	0	0	0
DEC	8	5	0	0	0	12	0	0	0	0	0	1	8	0	0	0
J/Y	52	34	8	3	0	60	88	12	36	79	155	1	–	0	0	2

170/ 98 DE AAR LANDBOU AGRIC φ 30°39' S λ 24°01' E P BY/AT 1250GPM H 1241M HT 1·2M HR 1·2M M8 M8

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	876·3	874·4	873·7	18·9	28·7	25·1	13·4	15·5	14·0	54	22	29	2·5	3·6	3·4
FEB	876·4	875·1	874·5	19·6	29·4	25·3	15·0	16·7	15·3	62	28	35	2·1	3·9	2·6
MAR	878·5	877·6	877·3	16·9	27·8	23·0	11·9	14·8	13·5	55	23	34	2·2	2·9	2·1
APR	878·1	876·7	877·5	12·1	22·5	17·3	8·7	12·5	10·8	64	31	46	3·0	3·6	1·7
MAY	877·2	876·2	877·2	5·4	14·8	9·8	4·1	8·7	6·5	81	45	63	3·5	3·6	1·5
JUN	884·4	883·6	884·3	2·2	16·9	8·1	0·4	8·4	4·4	74	28	55	1·9	1·0	0·8
JUL	884·0	883·7	883·6	3·4	16·1	9·3	1·5	8·5	5·3	72	35	55	2·1	2·1	1·1
AUG	883·5	882·7	882·8	3·9	17·9	11·1	0·9	8·3	5·0	59	23	37	1·0	1·1	0·6
SEP	880·9	879·2	879·1	9·6	23·7	17·5	4·1	10·7	8·2	41	15	23	0·9	1·3	1·0
OCT	878·4	876·8	876·7	14·9	24·5	19·4	9·0	11·7	9·8	47	18	27	3·1	4·1	2·5
NOV	878·2	876·0	875·7	19·1	29·1	24·4	12·6	14·5	13·2	48	16	27	1·7	3·5	2·3
DEC	876·5	874·7	873·7	19·7	28·3	26·0	13·6	15·4	14·4	51	24	27	2·0	3·5	2·0
J/Y	879·4	878·1	878·0	12·1	23·3	18·0	7·9	12·1	10·0	59	26	38	2·2	2·9	1·8

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	30·4	14·3	22·3	-1·6	35·8	19	5·6	14	19·1	12	20·2	20	41·0	22·0	24
FEB	31·0	15·3	23·1	-0·4	36·0	4	8·9	21	21·0	15	22·9	5	58·5	45·5	12
MAR	29·3	12·9	21·1	0·8	34·5	30	4·4	18	17·6	18	19·0	31	15·5	7·5	17
APR	23·6	8·6	16·1	0·7	30·8	1	1·5	9	10·0	30	14·2	17	54·5	41·5	11
MAY	15·8	3·5	9·7	-1·6	22·4	20	-0·6	2	9·0	15	9·2	12	48·5	21·0	12
JUN	17·5	0·3	8·9	0·6	21·5	23	-4·8	25	10·6	9	7·0	7	1·5	1·0	7
JUL	17·0	1·7	9·3	1·2	21·5	27	-2·0	14	9·1	17	12·4	12	11·7	10·0	4
AUG	19·0	1·3	10·1	-0·7	26·4	28	-4·5	8	9·4	16	8·1	14	1·3	1·3	14
SEP	24·9	4·9	14·9	1·3	33·7	29	-1·4	14	14·1	12	16·6	30	0·0	0·0	–
OCT	25·7	9·1	17·4	-0·1	36·0	26	-2·1	5	11·6	4	18·3	27	3·2	2·0	19
NOV	30·5	13·0	21·7	1·9	34·6	24	3·3	2	17·3	1	19·8	17	6·5	5·0	8
DEC	30·5	14·4	22·5	0·4	35·6	15	8·3	4	21·2	4	23·1	1	21·6	8·0	6
J/Y	24·6	8·3	16·4	0·2	36·0	–	-4·8	–	9·0	–	23·1	–	265·8	45·5	–

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ≤	▲	≥	≡
JAN	–	6	2	0	2	20	0	0	0	0	0	1	5	0	0	0
FEB	–	3	1	1	2	18	0	0	0	0	0	1	4	0	0	0
MAR	–	4	0	0	0	15	0	0	0	0	2	0	7	0	0	0
APR	–	3	2	1	0	2	5	0	0	0	7	0	3	1	0	0
MAY	–	5	3	0	0	0	20	2	0	3	21	0	–	0	1	1
JUN	–	0	0	0	0	0	12	0	3	16	29	0	0	0	0	2
JUL	–	2	1	0	0	0	15	2	0	11	26	0	0	0	0	0
AUG	–	1	0	0	0	0	11	1	2	18	29	0	2	0	0	0
SEP	–	0	0	0	0	3	4	0	0	3	15	0	0	0	0	0
OCT	–	2	0	0	1	10	4	0	0	1	7	0	1	0	0	0
NOV	–	2	0	0	0	18	1	0	0	0	2	0	2	1	0	0
DEC	–	5	0	0	1	16	0	0	0	0	0	2	3	0	0	0
J/Y	–	33	9	2	6	102	72	5	5	44	138	4	–	2	1	3

W I N D O N T L E D I N G W I N D A N A L Y S I S

145/ 59 GROOTFONTEIN φ 31°29' S λ 25°02' E H 1263M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	6	2·3			4	2·7			3	3·8			22	3·5		
FEB	1	1·5			2	2·1			3	1·9			21	2·8		
MAR	3	4·1			2	2·1			0	0·0			13	2·9		
APR	11	2·6			0	0·0			1	2·6			7	2·6		
MAY	9	3·0			2	1·5			0	0·0			10	3·6		
JUN	28	2·6			2	2·1			0	0·0			2	2·3		
JUL	17	2·3			2	2·1			0	0·0			5	2·2		
AUG	32	2·0			0	0·0			0	0·0			10	3·6		
SEP	18	2·4			0	0·0			2	3·3			14	2·9		
OCT	3	4·1			2	2·3			5	2·2			22	3·5		
NOV	4	2·6			2	2·6			3	1·7			38	3·3		
DEC	2	2·8			5	2·7			2	2·3			28	3·6		
J/Y	134	2·5			23	2·3			19	2·4			192	3·2		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	5	3·1			9	4·6			9	4·7			26	4·7		
FEB	0	0·0			5	3·0			8	4·2			11	3·9		
MAR	3	3·4			3	2·6			5	5·4			28	4·3		
APR	3	2·7			1	7·7			7	5·3			30	4·5		
MAY	5	2·8			1	2·6			15	5·3			35	5·1		
JUN	1	1·5			4	4·5			9	4·0			25	4·4		
JUL	0	0·0			4	3·2			5	3·5			37	4·5		
AUG	6	2·5			4	4·9			15	6·1			19	5·7		
SEP	5	3·0			2	3·1			8	4·2			29	5·9		
OCT	3	2·4			13	3·0			17	6·5			19	6·0		
NOV	5	2·7			6	2·7			4	3·3			18	5·5		
DEC	10	2·9			9	4·5			11	5·1			15	5·7		
J/Y	46	2·8			61	3·7			113	5·1			292	4·9		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/ SEK M/ SEC
JAN	9	12	22	37	12	0	1	0	0	0	0	0	0	
FEB	33	9	23	16	5	0	0	0	0	0	0	0	0	
MAR	36	8	18	20	10	1	0	0	0	0	0	0	0	
APR	30	4	26	21	8	1	0	0	0	0	0	0	0	
MAY	16	7	20	30	18	2	0	0	0	0	0	0	0	
JUN	19	12	29	22	7	1	0	0	0	0	0	0	0	
JUL	23	11	34	15	9	1	0	0	0	0	0	0	0	
AUG	7	21	27	18	15	3	2	0	0	0	0	0	0	
SEP	12	12	23	27	11	4	1	0	0	0	0	0	0	
OCT	7	12	26	20	18	6	2	0	0	0	0	0	0	
NOV	10	18	23	26	11	2	0	0	0	0	0	0	0	
DEC	11	11	27	28	13	2	0	1	0	0	0	0	0	
J/Y	213	137	298	280	135	23	6	1	0	0	0	0	0	

170/ 98 DE AAR φ 30°39' S λ 24°01' E H 1241M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	10	4·6			3	4·3			4	3·9			16	4·8		
FEB	8	2·9			3	4·3			4	2·3			12	5·4		
MAR	10	5·4			4	2·6			1	2·6			11	4·9		
APR	5	4·1			2	3·9			1	2·6			5	6·7		
MAY	13	4·9			0	0·0			0	0·0			12	5·1		
JUN	7	4·4			1	2·6			0	0·0			4	4·5		
JUL	9	4·3			2	5·7			3	2·6			6	4·3		
AUG	4	6·8			2	3·1			2	2·6			9	5·0		
SEP	5	4·0			1	1·5			2	5·7			9	4·6		
OCT	10	5·6			6	5·1			4	5·4			7	6·2		
NOV	4	4·5			3	5·1			7	5·3			19	5·7		
DEC	15	5·5			4	3·2			6	5·0			15	6·8		
J/Y	100	4·8			31	4·0			34	4·2			125	5·4		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	14	4·9			6	3·4			10	4·4			20	5·5		
FEB	14	3·8			2	3·9			12	6·0			18	4·6		
MAR	17	3·8			4	3·2			11	4·2			20	4·6		
APR	14	3·2			3	2·2			8	4·2			24	5·0		
MAY	13	3·6			3	4·3			7	4·4			30	4·8		
JUN	24	2·7			7	2·9			4	3·2			17	4·4		
JUL	20	3·3			6	2·9			3	4·8			23	5·3		
AUG	20	3·7			9	2·9			8	4·8			17	5·7		
SEP	14	3·7			8	3·6			9	6·6			20	5·4		
OCT	12	3·8			5	4·9			18	5·3			19	5·8		
NOV	10	5·0			6	3·0			15	5·8			19	4·9		
DEC	15	4·8			7	3·8			7	5·2			18	6·1		
J/Y	187	3·7			66	3·4			112	4·1			245	5·1		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/ SEK M/ SEC
JAN	10	0	31	35	13	4	0	0	0	0	0	0	0	
FEB	10	2	33	23	14	1	0	0	0	0	0	0	0	
MAR	14	0	37	29	12	0	0	0	0	0	0	0	0	
APR	25	2	30	16	14	0	0	0	0	0	0	0	0	
MAY	15	0	32	32	12	2	0	0	0	0	0	0	0	
JUN	26	1	44	14	5	0	0	0	0	0	0	0	0	
JUL	21	8	24	24	14	2	0	0	0	0	0	0	0	
AUG	22	4	23	24	17	3	0	0	0	0	0	0	0	
SEP	19	5	19	20	21	3	0	0	0	0	0	0	0	
OCT	12	6	15	28	27	5	0	0	0	0	0	0	0	
NOV	7	0	22	29	28	3	1	0	0	0	0	0	0	
DEC	6	3	18	27	29	8	2	0	0	0	0	0	0	
J/Y	187	31	328	301	206	31	3	0	0	0	0	0	0	

KLIMAATTABELLE — CLIMATOLOGICAL TABLES
STASIES VAN DIE EERSTE ORDE — FIRST ORDER STATIONS

175/371A ALIWAL NORTH — φ 30°41'S, λ 26°43'E — P BY/AT 1300GPM — H 1316M — HT 1·2M, HR 1·2M — C4, C4

1959	P IN MB 08	14	20	T IN °C 08	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	871·1	868·9	866·8	18·5	27·5	20·6	14·3	16·3	14·1	65	32	49	2·4	3·7	2·9
FEB	871·8	869·9	869·9	18·3	28·3	20·6	15·6	18·2	16·1	76	38	65	2·4	3·6	3·0
MAR	874·0	871·8	872·0	15·4	27·7	18·5	12·8	16·4	13·6	74	30	58	2·7	3·3	2·5
APR	873·4	871·3	871·8	11·3	23·5	14·3	9·7	13·6	10·6	82	35	64	3·5	3·1	2·4
MAY	872·1	870·2	871·2	5·6	16·3	9·7	4·5	10·0	7·2	86	46	72	3·3	3·8	2·5
JUN	879·3	877·3	878·0	−0·8	18·0	6·3	−1·2	9·4	3·7	92	29	67	1·7	1·3	0·9
JUL	879·1	877·6	877·9	3·1	16·8	8·3	2·4	9·4	5·7	90	37	69	2·2	2·2	1·9
AUG	878·0	875·8	876·1	3·4	18·9	8·7	1·7	9·3	4·9	76	25	55	1·0	0·8	0·4
SEP	876·2	873·5	873·9	9·5	24·2	14·7	–	11·8	8·2	–	19	41	1·4	1·6	1·4
OCT	873·0	870·3	870·7	14·6	24·2	17·3	10·6	13·4	10·9	61	30	47	3·2	4·5	3·6
NOV	872·9	870·0	870·6	17·8	26·4	18·3	13·5	15·5	13·3	62	31	59	2·1	3·5	2·6
DEC	871·4	869·1	869·4	18·8	26·4	19·5	14·6	16·7	14·3	64	38	58	2·1	3·6	2·5
J/Y	874·4	872·1	872·5	11·3	23·2	14·7	–	13·3	10·2	–	33	59	2·3	2·9	2·2

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·2	12·7	20·9	−1·0	34·8	19	4·1	13	19·5	13	16·8	23	59·7	22·9	7
FEB	29·4	13·6	21·5	0·2	33·9	4	8·4	21	22·6	16	17·1	5	87·6	42·2	12
MAR	28·7	11·0	19·9	0·6	33·5	24	3·5	19	18·7	18	17·0	4	40·2	15·0	17
APR	24·7	7·1	15·9	0·6	31·0	16	−0·6	9	9·5	30	13·5	21	74·8	22·7	29
MAY	17·4	3·4	10·4	−0·7	23·6	10	−1·4	28	10·0	16	10·4	21	39·7	13·6	12
JUN	18·7	−2·4	8·1	0·5	21·5	22	−6·3	25	11·4	9	6·8	7	1·6	1·6	7
JUL	17·7	1·4	9·5	2·0	21·5	30	−2·3	2	8·8	8	7·0	3	38·1	17·3	13
AUG	19·7	−0·4	9·7	−0·8	26·3	29	−4·5	18	10·0	31	6·7	15	0·2	0·2	30
SEP	25·0	3·4	14·2	0·5	32·6	29	−4·5	2	11·7	13	14·9	30	4·5	4·5	12
OCT	25·4	8·8	17·1	0·0	35·4	16	−2·0	5	13·5	4	17·4	27	62·6	51·1	20
NOV	27·9	11·2	19·5	0·4	35·0	27	4·3	3	18·5	1	15·1	13	73·5	25·0	8
DEC	27·9	12·6	20·3	−1·0	33·8	15	9·4	6	20·7	4	16·8	17	83·4	38·8	3
J/Y	24·3	6·9	15·6	0·1	35·4	–	−6·3	–	8·8	–	17·4	–	565·9	51·1	–

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <−2·5	<0·0	<5	>20	≋	▲	✱	≡
JAN	9	5	3	0	0	17	0	0	0	0	1	0	8	1	0	0
FEB	11	8	2	2	0	14	0	0	0	0	0	0	10	0	0	0
MAR	13	6	2	0	0	11	0	0	0	0	3	0	–	0	0	0
APR	11	7	3	0	0	2	3	1	0	1	8	0	7	2	0	0
MAY	8	6	2	0	0	0	13	0	0	6	20	0	4	0	0	0
JUN	1	1	0	0	0	0	8	0	21	26	28	0	0	0	0	0
JUL	5	5	1	0	0	0	8	2	0	15	26	0	1	0	0	0
AUG	1	0	0	0	0	0	9	0	7	19	30	0	0	0	1	0
SEP	1	1	0	0	0	3	2	0	3	5	19	0	0	0	1	0
OCT	9	4	1	1	1	8	4	0	0	2	7	0	8	2	0	0
NOV	13	9	3	1	0	9	0	0	0	0	1	0	9	1	0	0
DEC	11	8	1	1	0	9	0	0	0	0	0	0	11	2	0	0
J/Y	93	60	18	5	1	73	47	3	31	74	143	0	–	8	2	0

Column headings (as printed): P MEAN PRESSURE; T MEAN DRY BULB TEMP; T' MEAN WET BULB TEMP; U MEAN RELATIVE HUMIDITY; N MEAN CLOUD AMOUNT; TX MEAN MAXIMUM TEMP; TN MEAN MINIMUM TEMP; TM TX + TN / 2; ΔTM DEVIATION FROM NORMAL; H HEIGHT OF STATION; TXX HIGHEST MAX TEMP; TNN LOWEST MIN TEMP; TXN LOWEST MAX TEMP; TNX HIGHEST MIN TEMP; R TOTAL RAINFALL; RX MAXIMUM RAINFALL; GPM GEOPOTENTIAL METRES; HT HEIGHT OF DRY BULB THERM; HR HEIGHT OF RAINGAUGE; HA HEIGHT OF ANEMOGRAPH; GEMIDDELDE LUGDRUK; GEMIDDELDE DROEBOL TEMP; GEMIDDELDE NATBOL TEMP; GEMIDDELDE RELATIEWE VOG; GEM WOLKBEDEKKING; GEMIDDELDE WINDSNELHEID; GEMIDDELDE MAKSIMUM TEMP; GEMIDDELDE MINIMUM TEMP; AFWYKING VAN DIE NORMAAL; HOOGTE VAN STASIE; HOOGSTE MAKS TEMP; LAAGSTE MIN TEMP; LAAGSTE MAKS TEMP; HOOGSTE MIN TEMP; TOTALE REENVAL; HOOGSTE VAN DROEBOL TERM; HOOGSTE VAN REENMETER; HOOGSTE VAN ANEMOGRAAF; DONDER; HAEL; SNEEU; MIS; DATUM; PERSENTASIE

180/722C KOKSTAD — φ 30°32'S, λ 29°25'E — P BY/AT 1300GPM — H 1345M — HT 1·2M, HR 1·2M — NB, NB

1959	P IN MB 08	14	20	T IN °C 08	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
FEB	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MAR	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
APR	873·5	871·4	872·7	12·3	23·0	14·5	10·8	14·2	12·5	85	39	80	3·7	2·8	3·1
MAY	871·1	869·5	870·8	7·1	17·8	10·6	5·3	10·3	7·5	78	41	67	2·5	2·7	2·1
JUN	877·8	876·2	877·2	3·3	17·9	8·2	1·2	9·6	5·1	70	32	62	1·3	1·8	1·5
JUL	878·8	877·0	877·8	4·4	16·7	8·9	3·3	9·6	6·3	84	40	70	2·3	2·1	1·7
AUG	877·2	875·4	876·5	5·0	17·7	9·5	3·4	9·2	6·4	78	32	67	1·5	1·7	1·5
SEP	876·1	873·9	875·1	10·0	20·9	12·6	7·4	11·7	9·3	73	35	67	1·8	2·5	2·4
OCT	873·2	871·0	872·4	14·1	21·8	13·8	11·4	13·9	11·5	73	44	78	3·9	4·5	5·0
NOV	873·5	871·9	873·2	14·4	20·0	14·1	12·6	15·4	12·7	82	65	86	5·0	4·8	6·1
DEC	871·4	870·1	871·5	16·2	22·1	15·8	13·9	16·6	14·0	79	60	83	4·8	5·5	5·7
J/Y	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
FEB	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MAR	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
APR	23·8	9·2	16·5	–	29·5	3	3·2	10	12·0	22	15·4	4	71·0	25·5	21
MAY	18·4	4·6	11·5	–	25·3	10	−0·9	2	9·2	4	13·5	11	221·8	157·5	17
JUN	18·6	0·8	9·7	–	22·4	14	−2·5	25	10·0	3	10·4	8	0·2	0·2	2
JUL	17·3	2·3	9·8	–	20·5	12	−1·3	21	10·2	18	8·3	8	32·7	18·7	8
AUG	18·4	1·9	10·1	–	26·9	29	−2·5	17	3·0	31	8·8	30	46·2	34·0	31
SEP	21·8	5·4	13·6	–	31·0	30	−0·6	2	6·1	1	12·7	30	26·5	17·9	12
OCT	23·0	9·0	16·0	–	33·1	17	0·4	6	10·7	19	15·0	27	31·3	8·1	22
NOV	21·5	10·4	15·9	–	31·2	5	4·5	2	10·1	1	14·7	24	141·0	45·6	14
DEC	23·6	12·0	17·8	–	33·2	16	7·0	3	15·1	2	16·0	17	118·9	41·2	10
J/Y	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <−2·5	<0·0	<5	>20	≋	▲	✱	≡
JAN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
FEB	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MAR	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
APR	9	6	3	1	0	0	4	0	0	0	1	0	4	0	0	5
MAY	9	6	4	2	0	0	11	3	0	3	18	0	1	0	0	0
JUN	1	0	0	0	0	0	7	0	0	15	27	0	0	0	0	0
JUL	4	4	1	0	0	0	13	0	0	5	28	0	1	1	0	1
AUG	4	3	1	1	0	0	11	2	0	7	27	0	0	0	2	0
SEP	4	3	1	0	0	1	9	2	0	2	12	0	4	0	2	0
OCT	13	9	0	0	0	6	7	0	0	0	5	0	5	0	0	0
NOV	18	13	4	1	0	1	9	0	0	0	1	0	10	2	0	0
DEC	15	13	2	2	0	1	2	0	0	0	0	0	7	1	0	0
J/Y	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

W I N D O N T L E D I N G W I N D A N A L Y S I S.

175/371A ALIWAL NORTH — ø 30°41'S λ 26°43'E — H 1316M — HA 8M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	4	4·9			8	3·5			9	3·3			22	6·4		
FEB	3	3·2			7	3·1			12	2·8			23	4·4		
MAR	9	4·1			8	3·3			12	4·0			17	4·3		
APR	5	2·9			3	2·1			8	2·8			13	3·2		
MAY	8	5·5			3	4·6			9	2·9			13	5·3		
JUN	4	4·5			4	2·1			6	2·2			11	2·5		
JUL	7	4·6			5	3·4			11	2·3			10	3·4		
AUG	6	4·6			2	1·8			10	2·6			20	3·4		
SEP	9	3·9			2	1·5			7	3·3			13	4·9		
OCT	11	4·8			6	4·4			7	4·3			13	5·6		
NOV	13	4·7			5	3·4			11	4·0			25	5·5		
DEC	13	4·6			4	3·4			13	3·9			17	5·8		
J/Y	92	4·4			57	3·2			115	3·2			197	4·7		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	4	5·1			5	3·7			8	6·2			26	6·2		
FEB	4	3·5			1	5·1			6	4·0			18	5·5		
MAR	7	4·3			5	3·1			6	4·8			17	5·1		
APR	4	5·5			5	2·6			11	4·5			20	6·1		
MAY	7	3·7			3	1·9			10	4·8			25	5·4		
JUN	11	2·1			8	2·9			9	3·4			14	3·8		
JUL	7	3·1			7	2·6			7	3·6			23	5·0		
AUG	8	4·4			2	3·3			11	4·1			20	5·7		
SEP	8	4·7			6	3·3			10	4·6			18	6·4		
OCT	7	3·7			7	3·9			9	5·3			25	5·9		
NOV	6	5·3			2	4·9			6	5·4			16	5·4		
DEC	8	5·7			3	4·6			6	4·4			19	5·3		
J/Y	81	4·1			54	3·2			99	4·5			241	5·5		

WINDSPOEDFREKWENSIE — WIND SPEED FREQUENCY

1959	0·0–1·0	1·1–1·5	1·6–3·3	3·4–5·4	5·5–7·9	8·0–10·7	10·8–13·8	13·9–17·1	17·2–20·7	20·8–24·4	24·5–28·4	28·5–32·6	32·7 + M/SEC
JAN	0	1	17	25	36	7	0	0	0	0	0	0	0
FEB	10	7	29	20	15	3	0	0	0	0	0	0	0
MAR	11	6	26	29	19	1	0	0	0	0	0	0	0
APR	21	11	19	20	14	4	1	0	0	0	0	0	0
MAY	15	14	18	17	19	10	0	0	0	0	0	0	0
JUN	23	23	24	14	6	0	0	0	0	0	0	0	0
JUL	16	14	29	19	12	3	0	0	0	0	0	0	0
AUG	14	14	25	19	17	4	0	0	0	0	0	0	0
SEP	17	5	22	22	15	9	0	0	0	0	0	0	0
OCT	8	3	17	34	24	6	1	0	0	0	0	0	0
NOV	6	2	17	35	26	4	0	0	0	0	0	0	0
DEC	10	4	17	30	29	3	0	0	0	0	0	0	0
J/Y	151	104	260	284	232	54	2	0	0	0	0	0	0

180/722C KOKSTAD — ø 30°32'S λ 29°25'E — H 1345M — HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	–	–			–	–			–	–			–	–		
FEB	–	–			–	–			–	–			–	–		
MAR	–	–			–	–			–	–			–	–		
APR	6	3·6			7	2·9			5	2·3			5	2·8		
MAY	2	1·5			6	3·6			9	2·1			6	3·0		
JUN	3	2·6			4	2·8			4	1·9			7	2·9		
JUL	5	3·3			8	3·3			6	2·6			4	1·8		
AUG	6	4·0			4	2·4			8	2·3			7	3·0		
SEP	7	2·3			6	4·3			6	2·2			7	3·6		
OCT	3	4·0			12	3·4			10	2·5			8	3·3		
NOV	4	4·9			5	5·3			7	4·9			14	2·1		
DEC	8	2·6			6	3·2			15	2·7			13	3·1		
J/Y	–	–			–	–			–	–			–	–		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	–	–			–	–			–	–			–	–		
FEB	–	–			–	–			–	–			–	–		
MAR	–	–			–	–			–	–			–	–		
APR	7	2·3			8	3·9			7	4·3			10	5·0		
MAY	5	3·9			3	2·4			17	4·2			12	4·8		
JUN	5	2·4			8	3·2			8	4·7			4	2·8		
JUL	5	1·9			8	4·1			13	5·9			8	4·9		
AUG	10	3·2			9	3·0			14	2·9			5	5·7		
SEP	8	3·1			8	2·9			9	3·6			6	5·1		
OCT	8	3·0			11	3·4			9	5·0			9	4·6		
NOV	11	3·9			8	2·5			5	4·2			2	1·5		
DEC	10	4·0			6	2·6			7	4·4			2	5·7		
J/Y	–	–			–	–			–	–			–	–		

WINDSPOEDFREKWENSIE — WIND SPEED FREQUENCY

1959	0·0–1·0	1·1–1·5	1·6–3·3	3·4–5·4	5·5–7·9	8·0–10·7	10·8–13·8	13·9–17·1	17·2–20·7	20·8–24·4	24·5–28·4	28·5–32·6	32·7 + M/SEC
JAN	–	–	–	–	–	–	–	–	–	–	–	–	–
FEB	–	–	–	–	–	–	–	–	–	–	–	–	–
MAR	–	–	–	–	–	–	–	–	–	–	–	–	–
APR	35	12	26	10	4	2	1	0	0	0	0	0	0
MAY	33	15	22	12	8	3	0	0	0	0	0	0	0
JUN	47	11	20	8	3	1	0	0	0	0	0	0	0
JUL	38	12	21	10	7	4	1	0	0	0	0	0	0
AUG	30	13	28	17	4	1	0	0	0	0	0	0	0
SEP	33	11	22	15	5	1	0	0	0	0	0	0	0
OCT	23	12	30	19	7	2	0	0	0	0	0	0	0
NOV	34	14	20	14	8	0	0	0	0	0	0	0	0
DEC	26	11	33	16	6	1	0	0	0	0	0	0	0
J/Y	–	–	–	–	–	–	–	–	–	–	–	–	–

KLIMAATTABELLE — CLIMATOLOGICAL TABLES
STASIES VAN DIE EERSTE ORDE — FIRST ORDER STATIONS

182/794A PORT SHEPSTONE VRT — ø 30°44'S P BY/AT 06GPM HT 1·2M C7 — λ 30°27'E H 17M HR 1·2M C7

% DONDER, ▲ HAEL, * SNEEU, ≡ MIS, D DATUM, $ PERSENTASIE

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN O-8 08	14	20
JAN	1014·3	1012·7	1013·3	22·9	23·9	22·6	20·3	21·3	20·5	78	78	82	4·9	5·2	6·6
FEB	1014·5	1013·2	1014·2	23·2	24·8	23·0	21·0	22·0	21·3	81	77	84	4·1	4·2	5·3
MAR	1016·6	1014·8	1015·9	22·2	24·8	22·8	20·2	22·0	21·0	82	78	85	3·8	3·0	4·5
APR	1015·6	1014·0	1015·6	20·7	24·0	21·6	18·9	20·9	19·8	83	75	83	4·0	3·4	4·4
MAY	1014·6	1012·5	1014·0	17·5	21·9	18·1	14·9	18·7	16·4	74	73	84	3·1	2·8	2·7
JUN	1022·2	1020·6	1022·1	15·7	21·9	16·2	11·2	17·1	13·6	55	59	73	1·3	1·6	2·1
JUL	1023·6	1021·7	1022·9	16·2	21·2	17·2	13·3	18·2	15·7	71	74	86	2·1	2·3	3·0
AUG	1021·9	1019·9	1021·6	16·2	21·0	17·3	13·2	17·9	15·6	72	73	83	1·6	2·0	3·0
SEP	1020·7	1018·4	1020·0	17·7	20·9	18·5	15·5	18·0	16·8	78	74	83	2·6	2·5	3·7
OCT	1017·8	1015·3	1016·9	19·5	21·2	19·5	17·9	19·1	18·2	84	81	88	5·0	4·8	6·5
NOV	1017·9	1015·9	1017·2	20·7	22·1	20·6	18·4	19·6	18·8	79	79	83	5·9	5·5	6·1
DEC	1014·8	1012·9	1014·4	22·2	23·9	22·1	19·8	21·2	20·2	78	78	84	5·0	5·2	6·0
J/Y	1017·9	1016·0	1017·3	19·6	22·6	20·0	17·1	19·7	18·2	76	75	83	3·6	3·5	4·5

TXX HOOGSTE MAKS TEMP, TNN LAAGSTE MIN TEMP, TXN LAAGSTE MAKS TEMP, TNX HOOGSTE MIN TEMP, R TOTALE REENVAL, RX MAKSIMUM REENVAL, GPM GEOPOTENTIALE METERS, HT HOOGTE VAN DROEBOL TERM, HR HOOGTE VAN REENMETER, HA HOOGTE VAN ANEMOGRAAF

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	25·2	20·0	22·6	-0·5	28·6	25	15·2	14	22·6	5	23·8	28	94·1	26·0	20
FEB	25·9	20·8	23·3	-0·2	30·0	28	17·4	21	21·2	20	23·4	28	79·1	29·5	15
MAR	25·6	19·9	22·7	0·1	29·2	4	16·0	19	20·5	18	23·4	5	50·7	29·0	17
APR	24·8	18·5	21·7	0·8	28·5	10	14·6	22	19·4	22	22·2	1	52·0	33·0	21
MAY	23·1	15·4	19·3	0·4	26·1	7	9·5	1	20·0	3	19·3	18	258·9	178·5	17
JUN	22·8	13·5	18·1	1·0	27·2	21	11·2	26	19·6	3	16·8	3	0·2	0·2	8
JUL	22·4	13·9	18·1	1·7	28·2	7	10·6	18	19·0	17	16·5	26	23·2	16·0	8
AUG	22·3	13·7	18·0	0·9	27·2	24	10·8	11	16·6	7	19·2	30	85·4	53·5	31
SEP	22·0	15·0	18·5	0·2	25·6	28	10·6	14	17·2	1	19·8	30	51·9	29·0	12
OCT	22·3	17·2	19·7	0·1	26·6	30	9·9	6	17·9	3	22·0	29	120·1	53·5	8
NOV	23·1	18·0	20·5	-0·4	26·7	5	11·6	4	19·2	2	21·4	18	59·7	14·5	5
DEC	25·2	19·6	22·4	0·3	30·0	13	16·5	3	20·3	2	22·5	21	92·5	28·0	17
J/Y	23·7	17·1	20·4	0·3	30·0	-	9·5	-	16·6	-	23·8	-	967·8	178·5	-

GEMIDDELDE LUGDRUK TEMP, GEMIDDELDE DROEBOL TEMP, GEMIDDELDE NATBOL TEMP, GEMIDDELDE RELATIEWE VOG TEMP, GEM WOLKSHOEVELHEID, GEMIDDELDE MAKSIMUM TEMP, GEMIDDELDE MINIMUM TEMP, TX + TN / 2, ΔTM AFWYKING VAN DIE NORMAAL, HOOGTE VAN STASIE

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN ≥0·1	≥1·0	≥10	≥25	VAN /OF RAIN >35	>50	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	%	▲	*	≡
JAN	18	11	4	1	0	0	0	0	0	0	0	14	7	0	0	0
FEB	14	9	2	1	0	0	0	0	0	0	0	19	2	0	0	0
MAR	13	6	1	1	0	0	0	0	0	0	0	16	6	0	0	0
APR	11	5	1	1	0	0	0	0	0	0	0	10	5	0	0	0
MAY	9	7	4	2	0	0	0	0	0	0	0	0	2	0	0	0
JUN	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JUL	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0
AUG	6	5	2	1	0	0	1	0	0	0	0	0	3	0	0	0
SEP	7	6	2	1	0	0	1	0	0	0	0	0	0	0	0	0
OCT	16	10	3	1	0	0	0	0	0	0	0	6	6	0	0	0
NOV	16	11	2	0	0	0	0	0	0	0	0	6	4	0	0	0
DEC	14	11	4	1	0	0	0	0	0	0	0	12	5	0	0	0
J/Y	129	85	26	10	0	0	2	0	0	0	0	83	40	0	0	0

193/561 VANWYKSVLEI — ø 30°21'S P BY/AT 1000GPM HT 1·2M C8 — λ 21°49'E H 958M HR 1·2M C8

% THUNDER, ▲ HAIL, * SNOW, ≡ FOG, D DATE, $ PERCENTAGE

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN O-8 08	14	20
JAN	901·5	899·3	898·4	20·4	30·9	28·3	13·5	15·5	14·4	44	14	17	1·4	2·3	1·9
FEB	901·3	899·9	898·9	21·3	32·0	29·5	14·9	17·1	15·9	49	19	22	2·1	2·9	2·4
MAR	903·8	901·9	901·4	17·5	29·5	25·9	12·1	15·4	14·6	52	18	26	1·7	2·6	1·9
APR	904·0	902·2	902·3	12·1	23·9	20·0	8·3	12·8	11·3	58	26	33	3·1	3·1	1·9
MAY	903·2	901·6	902·4	5·8	16·2	11·7	4·4	9·1	7·7	80	37	57	2·5	3·3	1·3
JUN	910·0	908·5	908·9	3·5	18·6	12·1	1·3	9·4	6·6	66	25	41	1·3	1·0	0·9
JUL	909·8	908·3	908·5	4·2	17·8	12·6	2·1	9·4	6·8	69	29	40	1·4	1·5	1·3
AUG	909·3	907·4	907·8	5·3	19·5	13·9	2·0	9·3	6·9	54	21	33	1·0	1·2	1·1
SEP	907·1	904·6	904·8	10·7	24·9	19·6	4·9	11·0	9·2	37	11	19	1·3	1·1	1·0
OCT	903·9	901·7	901·6	15·0	24·7	20·6	9·1	12·0	11·0	44	17	26	2·6	3·0	1·9
NOV	902·9	900·1	900·1	20·5	30·5	27·3	12·7	15·0	13·7	38	13	16	1·3	1·6	1·3
DEC	901·5	899·3	898·5	21·8	30·3	28·6	13·7	16·2	14·7	39	20	18	1·6	2·5	1·4
J/Y	904·9	902·9	902·8	13·2	24·9	20·8	8·3	12·7	11·1	53	21	29	1·8	2·2	1·5

TXX HIGHEST MAX TEMP, TNN LOWEST MIN TEMP, TXN LOWEST MAX TEMP, TNX HIGHEST MIN TEMP, R TOTAL RAINFALL, RX MAXIMUM RAINFALL, GPM GEOPOTENTIAL METRES, HT HEIGHT OF DRY BULB THERM, HR HEIGHT OF RAINGAUGE, HA HEIGHT OF ANEMOGRAPH

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	32·7	16·8	24·7	-1·4	38·8	31	8·7	13	22·3	12	23·0	23	6·1	3·5	26
FEB	33·5	18·4	25·9	0·4	39·0	4	13·9	21	24·3	15	23·5	5	21·0	20·7	12
MAR	30·7	14·8	22·7	-0·1	35·2	23	7·9	18	20·5	17	20·0	3	26·4	10·4	17
APR	25·3	10·6	17·9	-0·2	33·2	1	4·9	9	11·2	29	18·7	1	8·4	4·9	28
MAY	17·2	4·7	10·9	-3·1	23·2	9	0·6	29	10·3	15	9·5	20	19·1	13·5	12
JUN	19·4	2·8	11·1	0·7	23·1	28	-2·2	25	12·6	24	10·0	7	0·1	0·1	7
JUL	18·6	3·0	10·8	1·1	23·3	29	-1·4	24	12·1	4	10·8	3	5·0	4·3	17
AUG	20·4	3·6	12·0	-0·2	27·9	28	-3·5	8	11·2	16	11·8	14	0·3	0·1	30
SEP	25·9	6·5	16·2	1·3	34·5	29	-0·9	2	15·2	12	15·5	30	0·0	0·0	-
OCT	26·0	10·5	18·3	-0·6	36·3	26	1·5	5	14·2	4	17·7	25	13·6	12·7	8
NOV	32·1	15·6	23·9	2·0	37·5	22	3·9	1	19·9	1	25·5	23	9·7	9·7	17
DEC	32·3	17·2	24·7	0·4	37·7	15	11·1	4	23·2	4	24·8	1	10·6	8·8	3
J/Y	26·2	10·4	18·3	0·0	39·0	-	-3·5	-	10·3	-	25·5	-	120·3	20·7	-

MEAN PRESSURE TEMP, MEAN DRY BULB TEMP, MEAN WET BULB TEMP, MEAN RELATIVE HUMIDITY, MEAN CLOUD AMOUNT, MEAN MAXIMUM TEMP, MEAN MINIMUM TEMP, TX + TN / 2, ΔTM DEVIATION FROM NORMAL, HEIGHT OF STATION

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN ≥0·1	≥1·0	≥10	≥25	VAN /OF RAIN >35	>50	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	%	▲	*	≡
JAN	3	2	0	0	6	26	0	0	0	0	0	2	4	1	0	0
FEB	2	1	1	0	12	23	0	0	0	0	0	8	2	0	0	0
MAR	6	6	1	0	1	22	0	0	0	0	0	0	8	0	0	0
APR	3	2	0	0	0	6	3	0	0	0	1	0	-	0	0	0
MAY	5	3	1	0	0	0	14	0	0	0	18	0	1	0	0	0
JUN	1	0	0	0	0	0	9	0	0	5	25	0	0	0	0	0
JUL	2	1	0	0	0	0	11	0	0	5	23	0	0	0	0	0
AUG	3	0	0	0	0	0	11	0	1	5	23	0	1	0	0	0
SEP	0	0	0	0	0	7	3	0	0	1	12	0	0	0	0	0
OCT	3	1	1	0	1	9	2	0	0	0	5	0	3	1	0	0
NOV	1	1	0	0	7	23	0	0	0	0	1	3	3	0	0	0
DEC	3	2	0	0	6	25	0	0	0	0	0	5	2	0	0	0
J/Y	32	19	4	0	33	141	53	0	1	16	108	18	-	2	0	0

W I N D O N T L E D I N G W I N D A N A L Y S I S

182/794A PORT SHEPSTONE φ 30°44' S λ 30°27' E H 17M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	6	4·0			34	8·3			4	4·6			3	3·2		
FEB	2	2·6			32	9·2			1	4·6			5	4·2		
MAR	10	5·4			35	9·6			3	11·3			1	4·6		
APR	9	5·8			30	10·6			2	5·7			4	3·3		
MAY	19	3·6			19	5·9			2	5·9			2	5·7		
JUN	19	3·4			10	5·7			1	2·6			1	2·6		
JUL	16	3·4			18	7·2			3	4·0			1	1·5		
AUG	17	3·0			22	5·4			4	7·4			2	5·7		
SEP	1	2·6			30	9·2			5	4·0			0	0·0		
OCT	1	2·6			34	9·8			2	5·1			3	5·7		
NOV	3	2·6			33	7·6			2	3·1			1	2·6		
DEC	2	3·1			30	7·6			1	2·6			0	0·0		
J/Y	105	3·7			327	6·8			30	5·4			23	4·1		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	4	4·5			32	8·9			3	4·6			2	2·6		
FEB	3	6·2			27	5·8			5	2·8			3	2·2		
MAR	5	3·8			23	6·9			8	6·7			6	2·4		
APR	2	4·6			21	8·3			6	2·9			8	2·8		
MAY	3	24·0			14	6·2			9	4·0			21	4·1		
JUN	0	0·0			15	7·2			6	4·7			34	4·3		
JUL	1	9·3			14	5·6			10	6·1			21	4·3		
AUG	1	4·6			15	9·6			10	4·6			10	3·9		
SEP	1	6·7			30	8·4			9	5·1			8	3·2		
OCT	6	4·6			31	5·5			7	3·8			2	2·6		
NOV	2	4·6			36	6·4			3	3·2			3	2·6		
DEC	1	2·6			38	5·9			3	2·2			4	2·8		
J/Y	29	6·8			296	6·9			79	4·5			122	3·8		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+ M/SEC
JAN	5	1	17	25	11	18	6	6	4	0	0	0	0
FEB	6	7	16	14	12	16	11	2	0	0	0	0	0
MAR	2	9	10	20	20	15	7	6	4	0	0	0	0
APR	7	4	18	18	14	6	12	3	7	0	0	0	0
MAY	4	7	27	25	18	6	3	0	1	1	1	0	0
JUN	4	2	32	27	18	3	3	1	0	0	0	0	0
JUL	9	5	28	23	14	10	3	0	1	0	0	0	0
AUG	12	12	18	20	13	11	3	4	0	0	0	0	0
SEP	6	6	11	19	23	6	8	6	5	0	0	0	0
OCT	7	2	20	23	19	5	6	7	3	1	0	0	0
NOV	7	4	18	21	17	12	8	3	0	0	0	0	0
DEC	14	2	27	13	18	10	4	4	1	0	0	0	0
J/Y	83	61	242	248	197	118	74	42	26	2	1	0	0

193/561 VAN WYKSVLEI φ 30°21' S λ 21°49' E H 958M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	6	7·1			5	4·4			8	3·9			8	5·1		
FEB	6	5·5			1	2·1			7	4·3			7	5·5		
MAR	0	0·0			3	2·6			4	3·9			6	2·7		
APR	4	2·6			1	2·6			0	0·0			4	5·9		
MAY	1	4·6			1	2·6			0	0·0			10	4·2		
JUN	1	2·6			3	3·2			1	3·6			3	3·2		
JUL	2	4·6			9	3·6			0	0·0			3	5·0		
AUG	0	0·0			7	4·2			0	0·0			9	3·4		
SEP	0	0·0			7	3·4			0	0·0			7	3·0		
OCT	0	0·0			11	3·4			2	3·1			9	5·8		
NOV	0	0·0			6	3·6			5	5·0			14	4·7		
DEC	1	6·7			6	2·6			2	6·2			23	4·4		
J/Y	21	5·1			60	3·4			29	4·2			103	4·4		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	5	3·5			17	5·1			24	6·9			9	6·0		
FEB	4	4·1			13	4·1			17	5·3			12	4·7		
MAR	0	0·0			10	3·3			10	5·0			29	4·2		
APR	0	0·0			13	3·4			10	6·5			22	5·1		
MAY	0	0·0			7	3·6			4	4·1			33	5·2		
JUN	0	0·0			4	5·1			1	7·7			19	4·6		
JUL	0	0·0			4	3·1			2	9·0			30	4·8		
AUG	0	0·0			13	4·8			8	6·0			21	5·1		
SEP	1	2·6			12	4·6			5	5·6			25	4·9		
OCT	0	0·0			25	5·4			11	6·4			14	5·5		
NOV	0	0·0			26	4·5			5	6·2			20	5·5		
DEC	0	0·0			25	4·6			5	7·0			14	6·4		
J/Y	10	3·6			169	4·5			102	6·1			248	5·0		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+ M/SEC
JAN	11	8	7	28	24	13	2	0	0	0	0	0	0
FEB	17	2	15	25	22	3	0	0	0	0	0	0	0
MAR	31	12	13	24	12	1	0	0	0	0	0	0	0
APR	35	4	15	20	9	6	0	0	0	0	0	0	0
MAY	37	6	14	18	14	4	0	0	0	0	0	0	0
JUN	58	6	8	7	9	2	0	0	0	0	0	0	0
JUL	43	8	8	20	10	3	1	0	0	0	0	0	0
AUG	35	15	7	12	17	5	2	0	0	0	0	0	0
SEP	33	13	6	23	9	6	0	0	0	0	0	0	0
OCT	21	12	10	18	24	6	2	0	0	0	0	0	0
NOV	14	5	18	25	24	4	0	0	0	0	0	0	0
DEC	17	8	20	19	22	6	1	0	0	0	0	0	0
J/Y	352	99	141	239	196	59	8	0	0	0	0	0	0

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

214/636 OKIEP

Ø 29°36'S P BY/AT 900GPM HT 1·2M C9
X 17°52'E H 918M HR 1·2M C9

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	913·3	912·3	912·2	18·5	27·6	22·0	13·7	18·6	15·9	60	41	54	0·7	1·5	1·0
FEB	912·8	912·1	911·8	19·9	29·4	23·4	14·4	18·9	17·0	56	36	54	1·3	1·5	1·4
MAR	914·5	913·4	913·4	17·1	27·5	21·4	12·6	17·1	15·4	61	34	54	1·7	1·8	1·8
APR	914·7	913·7	914·2	13·7	22·2	16·6	10·5	14·5	12·6	70	45	65	3·3	3·1	2·1
MAY	914·6	913·3	914·5	7·9	13·3	10·5	6·7	10·0	8·8	87	67	81	4·3	4·4	3·5
JUN	919·3	918·6	919·2	10·8	18·6	13·2	7·0	11·4	9·0	58	42	57	1·8	2·3	1·6
JUL	919·7	919·0	919·3	8·0	16·5	11·3	5·1	9·4	7·7	65	39	62	1·5	1·7	1·6
AUG	919·4	918·5	918·9	9·2	17·7	12·7	6·0	10·2	8·3	64	40	56	2·1	1·9	1·7
SEP	917·4	916·4	916·5	11·9	22·0	15·7	7·2	12·2	9·8	53	29	47	1·5	1·5	0·7
OCT	914·8	913·8	914·2	13·3	21·4	16·1	9·5	13·3	11·4	62	40	58	3·2	2·1	1·9
NOV	914·0	913·0	913·1	18·6	27·1	20·0	11·8	15·3	13·4	45	25	48	1·2	1·0	0·9
DEC	913·5	912·1	912·4	19·4	27·6	21·2	12·9	16·6	14·1	48	30	46	1·6	1·2	1·6
J/Y	915·7	914·7	915·0	14·0	22·6	17·0	9·8	14·0	11·9	61	39	57	2·0	2·0	1·7

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	/ EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·5	14·3	21·8	-1·1	38·5	30	8·4	12	20·6	11	23·5	30	0·0	0·0	-
FEB	30·7	16·3	23·5	0·3	38·8	4	11·2	18	23·9	13	25·1	4	5·0	3·5	12
MAR	28·8	14·7	21·7	-0·1	34·4	13	6·4	18	17·4	17	23·4	13	0·0	0·0	-
APR	23·6	11·4	17·5	-1·0	32·3	17	4·7	30	9·4	29	20·2	18	17·7	8·2	29
MAY	14·6	6·9	10·7	-4·4	20·6	18	3·1	15	8·9	21	12·7	5	89·9	28·3	21
JUN	19·5	8·9	14·2	1·3	24·8	5	2·6	2	11·2	2	15·2	13	9·5	9·2	23
JUL	17·5	6·6	12·1	1·0	23·9	6	-0·9	23	9·1	13	15·2	2	30·1	18·6	16
AUG	18·8	7·3	13·1	0·2	26·2	28	0·5	8	7·3	15	16·4	11	26·7	7·8	14
SEP	24·2	9·2	16·7	2·6	34·8	29	3·1	13	8·9	12	19·5	29	5·4	2·6	12
OCT	22·7	9·0	15·9	-1·4	33·4	25	2·5	5	12·6	3	16·6	20	4·3	4·3	31
NOV	28·2	13·0	20·6	1·1	36·3	22	3·7	1	17·7	1	23·7	22	0·0	0·0	-
DEC	29·0	14·3	21·7	0·0	37·2	31	7·4	18	18·0	4	21·2	29	9·2	6·5	3
J/Y	23·9	11·0	17·5	-0·1	38·8	-	-0·9	-	7·3	-	25·1	-	197·8	28·3	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF >35	>30	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☒	▲	✕	≡
JAN	0	0	0	0	3	14	0	0	0	0	0	3	0	0	0	0
FEB	2	2	0	0	6	15	0	0	0	0	0	5	1	1	0	3
MAR	0	0	0	0	0	16	1	0	0	0	0	4	1	0	0	0
APR	6	5	0	0	0	4	6	1	0	0	2	1	2	0	0	0
MAY	13	11	3	1	0	0	24	2	0	0	5	0	1	1	0	1
JUN	2	1	0	0	0	0	8	0	0	0	6	0	1	0	0	1
JUL	6	4	1	0	0	0	15	3	0	2	7	0	0	0	0	0
AUG	5	5	0	0	0	0	13	5	0	0	11	0	1	0	0	1
SEP	4	2	0	0	0	6	6	1	0	0	4	0	0	0	0	1
OCT	1	1	0	0	0	3	6	0	0	0	2	0	0	0	0	0
NOV	0	0	0	0	2	11	0	0	0	0	1	3	0	0	0	2
DEC	3	2	0	0	3	13	0	0	0	0	0	1	-	0	0	0
J/Y	42	33	4	1	14	82	79	12	0	2	38	17	-	2	0	9

224/430 PRIESKA

Ø 29°40'S P BY/AT 900GPM HT 1·2M W9
X 22°45'E H 932M HR 1·2M W9

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	912·2	909·9	909·0	20·9	31·4	29·0	14·2	16·6	14·9	46	18	18	1·8	2·5	2·4
FEB	911·8	910·3	909·4	21·7	32·5	29·0	16·1	18·5	17·1	55	24	29	2·2	3·6	2·4
MAR	914·4	912·6	911·9	17·4	30·0	25·9	13·4	16·8	15·5	64	24	37	1·5	2·1	1·9
APR	914·7	912·7	912·7	12·9	25·7	20·3	9·5	14·3	12·5	64	27	39	2·3	2·8	0·5
MAY	914·7	913·2	913·6	6·0	17·0	11·9	5·0	10·2	8·4	86	41	63	2·2	2·7	0·9
JUN	921·5	919·8	920·0	1·6	18·2	10·0	0·7	10·2	6·5	86	32	59	1·1	0·9	0·4
JUL	921·3	919·8	919·5	3·4	17·1	11·3	2·6	10·0	7·8	89	39	60	1·6	1·3	1·1
AUG	920·6	918·7	918·6	4·1	20·1	13·6	2·0	9·9	7·5	71	22	39	0·9	0·8	0·4
SEP	918·2	915·5	915·3	9·5	25·9	19·4	5·3	11·9	9·8	52	13	25	0·6	0·9	0·7
OCT	914·5	912·1	912·1	15·4	27·0	21·6	9·8	13·5	11·7	47	18	27	2·5	2·7	1·8
NOV	913·4	910·6	910·1	20·7	31·4	27·2	13·9	16·2	14·7	45	17	23	1·6	2·1	1·7
DEC	912·1	909·9	908·8	21·9	30·6	28·6	14·8	17·3	15·7	45	25	24	2·2	2·6	1·4
J/Y	915·8	913·8	913·4	13·0	25·6	20·7	8·9	13·8	11·8	63	25	37	1·7	2·1	1·3

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	/ EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	33·4	17·4	25·4	-	39·6	22	10·0	13	23·2	12	24·6	23	35·6	28·1	27
FEB	34·3	19·0	26·7	-	39·6	4	12·3	21	23·8	15	26·4	5	35·2	29·5	12
MAR	32·4	15·1	23·7	-	37·5	30	6·7	20	21·4	18	20·6	31	11·5	5·0	13
APR	27·0	10·5	18·7	-	34·3	14	4·8	10	10·6	29	19·0	2	16·3	9·0	28
MAY	18·6	4·9	11·7	-	24·4	9	0·1	28	11·7	15	12·5	12	23·2	13·8	11
JUN	20·1	0·6	10·3	-	23·6	27	-5·6	26	13·6	24	10·9	7	0·0	0·0	-
JUL	18·8	2·6	10·7	-	23·6	29	-2·4	26	9·0	4	10·3	12	32·9	30·3	4
AUG	21·4	2·9	12·1	-	29·2	28	-1·6	9	12·6	7	10·5	14	0·0	0·0	-
SEP	27·3	6·1	16·7	-	36·0	29	-1·1	2	16·1	12	23·6	30	0·1	0·1	12
OCT	28·7	10·8	19·7	-	39·0	26	0·4	6	16·0	8	16·7	27	9·4	4·7	8
NOV	33·3	16·1	24·7	-	38·0	16	7·1	1	22·4	2	23·0	24	31·2	23·5	17
DEC	32·9	17·8	25·3	-	40·6	31	11·7	4	23·3	4	24·0	21	46·9	24·0	3
J/Y	27·3	10·3	18·8	-	40·6	-	-5·6	-	9·0	-	26·4	-	242·3	30·3	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF >35	>30	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☒	▲	✕	≡
JAN	4	4	1	1	12	27	0	0	0	0	0	7	4	1	0	0
FEB	4	3	1	1	16	23	0	0	0	0	0	8	2	0	0	0
MAR	4	3	0	0	8	24	0	0	0	0	0	3	5	0	0	0
APR	5	3	0	0	0	11	3	0	0	0	1	0	0	0	0	0
MAY	3	3	1	0	0	0	11	0	0	0	16	0	0	0	0	6
JUN	0	0	0	0	0	0	8	0	2	17	26	0	0	0	0	1
JUL	3	2	1	1	0	0	10	1	0	4	24	0	0	0	0	3
AUG	0	0	0	0	0	0	9	0	0	4	24	0	0	0	0	0
SEP	1	0	0	0	1	12	3	0	0	2	13	1	0	0	0	0
OCT	4	2	0	0	5	14	3	0	0	0	4	0	1	0	0	0
NOV	3	3	1	0	12	26	0	0	0	0	0	5	3	0	0	0
DEC	4	3	2	0	7	24	0	0	0	0	0	7	6	1	0	0
J/Y	35	26	7	3	61	161	47	1	2	27	108	31	21	2	0	10

W I N D O N T L E D I N G W I N D A N A L Y S I S

214/636 OKIEP — ø 29°36' S, λ 17°52' E — H 918M — HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	1	3·1			6	3·2			4	4·8			3	4·3		
FEB	2	3·3			2	5·9			3	6·5			3	4·1		
MAR	7	3·1			7	3·4			5	4·0			1	2·1		
APR	8	4·0			6	4·0			0	0·0			4	3·1		
MAY	9	3·1			16	4·0			1	3·1			1	3·1		
JUN	13	4·0			24	4·9			2	5·9			1	2·1		
JUL	11	3·7			19	4·5			0	0·0			2	2·6		
AUG	6	4·7			22	5·8			6	5·0			4	4·8		
SEP	7	4·4			14	5·1			2	4·9			3	2·4		
OCT	7	3·2			7	4·8			3	9·6			0	0·0		
NOV	4	3·9			4	2·4			5	6·4			2	2·6		
DEC	2	2·6			6	6·3			0	0·0			10	4·3		
J/Y	77	3·7			133	4·7			31	5·6			34	3·6		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	14	4·2			41	5·0			4	4·0			4	3·3		
FEB	29	4·2			27	4·2			5	3·8			1	2·6		
MAR	16	4·0			22	3·9			7	2·8			12	3·1		
APR	12	3·0			24	3·1			4	2·8			11	4·1		
MAY	6	3·2			9	4·1			0	0·0			28	4·2		
JUN	10	3·3			1	6·2			0	0·0			11	2·6		
JUL	2	3·3			6	2·7			1	2·6			16	4·1		
AUG	10	3·4			4	5·5			3	2·9			13	4·6		
SEP	7	2·9			9	3·7			4	3·3			6	4·3		
OCT	28	3·3			8	3·2			4	3·6			13	3·8		
NOV	24	3·8			32	4·1			5	4·2			1	4·1		
DEC	10	5·1			46	5·0			0	0·0			4	5·9		
J/Y	168	4·0			229	4·3			37	3·4			120	3·9		

WINDSPOEDFREKWENSIE — WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	16	0	26	30	19	2	0	0	0	0	0	0	0	
FEB	12	0	26	31	13	2	0	0	0	0	0	0	0	
MAR	14	0	39	27	10	1	0	0	0	0	0	0	0	
APR	21	0	37	25	7	0	0	0	0	0	0	0	0	
MAY	23	0	30	29	9	2	0	0	0	0	0	0	0	
JUN	28	1	31	14	13	3	0	0	0	0	0	0	0	
JUL	36	0	30	16	10	1	0	0	0	0	0	0	0	
AUG	25	0	23	23	13	8	1	0	0	0	0	0	0	
SEP	26	0	29	12	8	3	0	0	0	0	0	0	0	
OCT	12	0	39	21	7	2	0	1	0	0	0	0	0	
NOV	13	0	31	34	10	2	0	0	0	0	0	0	0	
DEC	15	0	19	30	25	1	2	1	0	0	0	0	0	
J/Y	241	1	360	292	144	27	3	2	0	0	0	0	0	

224/430 PRIESKA — ø 29°40' S, λ 22°45' E — H 932M — HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	10	3·4			1	3·6			5	3·6			9	4·0		
FEB	11	3·4			1	3·6			6	3·2			5	3·8		
MAR	5	4·6			2	4·1			6	3·0			5	3·0		
APR	6	4·3			1	5·1			2	3·9			1	2·6		
MAY	5	4·8			1	1·5			2	3·1			2	3·6		
JUN	3	2·7			2	1·5			2	2·6			1	2·1		
JUL	5	2·4			3	1·5			5	2·5			2	2·1		
AUG	3	3·8			0	0·0			10	3·3			1	4·6		
SEP	5	4·3			1	3·1			7	3·9			3	3·6		
OCT	5	3·9			2	4·1			4	3·2			9	4·2		
NOV	12	4·6			1	3·6			9	3·4			9	4·7		
DEC	11	5·3			3	4·1			4	3·2			14	6·1		
J/Y	81	4·1			18	3·1			62	3·2			61	4·4		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	8	3·8			4	5·6			23	4·8			18	5·3		
FEB	3	4·1			1	4·6			8	2·4			12	4·8		
MAR	4	4·5			1	7·2			12	3·9			11	4·7		
APR	1	2·6			0	0·0			9	2·9			16	5·2		
MAY	5	3·6			2	6·2			13	4·6			16	5·2		
JUN	0	0·0			2	5·9			3	2·2			4	1·9		
JUL	0	0·0			0	0·0			8	3·8			6	5·9		
AUG	3	3·6			1	11·8			11	5·3			17	4·8		
SEP	3	4·0			2	4·6			11	4·9			10	5·6		
OCT	5	5·6			2	7·2			19	5·5			15	6·2		
NOV	4	4·3			4	3·3			12	4·4			16	4·8		
DEC	7	4·3			1	9·8			21	5·1			8	7·3		
J/Y	43	4·1			20	5·5			150	4·5			149	5·2		

WINDSPOEDFREKWENSIE — WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	15	1	27	28	19	1	2	0	0	0	0	0	0	
FEB	37	5	21	11	8	2	0	0	0	0	0	0	0	
MAR	47	8	14	10	13	0	1	0	0	0	0	0	0	
APR	54	4	15	8	7	2	0	0	0	0	0	0	0	
MAY	47	7	11	8	16	4	0	0	0	0	0	0	0	
JUN	73	4	11	1	0	1	0	0	0	0	0	0	0	
JUL	64	6	14	3	5	1	0	0	0	0	0	0	0	
AUG	47	3	15	13	9	5	1	0	0	0	0	0	0	
SEP	48	0	13	15	13	1	0	0	0	0	0	0	0	
OCT	32	0	18	15	22	5	1	0	0	0	0	0	0	
NOV	23	0	19	31	16	1	0	0	0	0	0	0	0	
DEC	24	0	16	25	16	8	4	0	0	0	0	0	0	
J/Y	511	38	194	168	144	31	9	0	0	0	0	0	0	

KLIMAATTABELLE — STASIES VAN DIE EERSTE ORDE

CLIMATOLOGICAL TABLES — FIRST ORDER STATIONS

229/556 FAURESMITH — LANDBOU AGRIC — ø 29°46' S, λ 25°19' E — P BY/AT 1400GPM, H 1382M — HT 1·2M, HR 1·2M — N1 N1

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	861·1	858·9	858·9	18·9	27·6	23·0	13·8	15·7	14·1	57	27	39	2·2	3·5	2·6
FEB	861·7	860·2	860·1	19·2	27·5	23·1	15·5	17·5	16·0	69	38	50	2·5	3·2	3·0
MAR	863·8	861·9	862·1	16·6	26·9	21·4	12·8	15·9	14·0	65	30	44	2·4	2·6	2·3
APR	863·2	861·8	861·9	12·3	22·4	15·2	9·3	13·2	10·2	69	36	55	2·3	3·0	1·5
MAY	861·8	860·1	861·0	5·4	14·8	9·0	4·4	9·4	6·5	86	51	72	2·8	2·8	1·3
JUN	868·5	867·0	867·9	1·7	16·4	5·7	0·4	9·0	3·1	79	35	64	1·6	1·2	0·5
JUL	868·4	867·2	867·4	2·4	15·3	8·6	1·2	8·5	5·4	82	40	62	1·9	2·1	1·6
AUG	867·3	865·6	866·3	3·9	17·5	8·7	1·1	8·5	3·8	62	26	43	0·6	0·7	0·5
SEP	865·9	863·6	864·2	11·5	23·3	15·2	6·1	11·2	7·4	45	18	31	0·9	0·7	0·7
OCT	862·9	860·6	861·2	15·5	24·1	18·8	(8·1)	(11·2)	(9·1)	(46)	(22)	(33)	2·3	3·0	2·2
NOV	862·7	860·3	860·4	18·1	26·8	22·2	13·6	14·6	13·1	56	24	33	1·9	3·0	2·0
DEC	861·7	859·9	859·8	19·2	25·4	22·2	-	-	-	-	-	-	1·6	3·9	1·8
J/Y	864·1	862·3	862·6	12·1	22·3	16·1	-	-	-	-	-	-	1·9	2·5	1·7

UITERSTE TEMPERATURE / EXTREME TEMPERATURES — NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	28·4	12·9	20·7	-2·1	34·2	22	5·0	13	19·5	12	21·0	20	30·0	8·0	27
FEB	28·5	14·0	21·3	-0·5	32·7	4	7·7	21	19·8	15	20·5	5	89·4	47·0	12
MAR	27·6	11·6	19·6	0·3	32·1	29	3·1	19	17·0	18	19·5	2	22·1	8·0	17
APR	25·2	7·0	15·1	-0·2	29·7	2	-1·4	9	6·8	30	15·5	21	42·3	13·5	29
MAY	15·4	2·5	8·9	-2·0	21·6	6	-2·5	27	5·9	16	10·3	12	26·8	16·0	12
JUN	16·7	-1·9	7·4	-0·1	20·0	2	-7·2	5	10·0	9	8·8	7	0·2	0·1	6
JUL	15·9	0·1	8·0	0·9	20·3	12	-3·5	31	6·2	17	9·1	12	14·5	4·0	8
AUG	17·9	-0·9	8·5	-1·6	25·8	29	-5·0	8	6·7	16	6·0	15	0·2	0·1	15
SEP	23·5	4·1	13·8	0·3	31·7	29	-5·0	2	14·3	13	18·2	30	0·0	0·0	-
OCT	24·8	8·8	16·8	-0·4	34·5	16	-3·1	5	11·9	4	16·7	27	23·3	17·5	20
NOV	27·6	12·3	19·9	0·5	34·0	27	4·5	2	17·3	1	17·0	17	21·6	10·0	8
DEC	27·2	13·9	20·5	-1·3	34·1	30	9·4	5	18·1	4	18·5	15	62·7	43·0	3
J/Y	23·1	7·0	15·1	-0·4	34·5	-	-7·2	-	5·9	-	21·0	-	333·1	47·0	-

AANTAL DAE IN GEGEWE PERKE — NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN ≥0·1	≥1·0	/OF RAIN ≥10	≥25	VAN /OF >35	>30	MAX TEMP <17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☂	▲	✱	≡
JAN	9	6	0	0	0	10	0	0	0	0	0	2	9	1	0	2
FEB	10	8	3	1	0	11	0	0	0	0	0	1	7	0	0	0
MAR	6	4	0	0	0	9	1	0	0	0	3	0	8	0	0	0
APR	9	5	2	0	0	0	4	1	0	1	9	0	4	2	0	0
MAY	10	4	1	0	0	0	18	3	0	5	27	0	2	0	1	0
JUN	2	0	0	0	0	0	18	0	15	22	28	0	0	0	0	2
JUL	7	5	0	0	0	0	16	3	7	18	28	0	0	0	0	0
AUG	2	0	0	0	0	0	14	1	8	19	30	0	0	0	0	0
SEP	0	0	0	0	0	2	4	0	2	9	17	0	0	0	0	0
OCT	7	3	1	0	0	6	3	0	1	2	8	0	2	1	0	0
NOV	9	5	1	0	0	8	1	0	0	0	1	0	8	0	0	0
DEC	7	6	1	1	0	5	0	0	0	0	0	0	8	0	0	0
J/Y	78	46	9	2	0	51	79	8	33	76	151	3	48	4	1	4

233/ 44 WEPENER — ø 29°44' S, λ 27°02' E — P BY/AT 1400GPM, H 1426M — HT 1·2M, HR 1·2M — D3 D3

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	863·2	859·5	859·1	18·2	26·3	20·8	13·7	16·0	14·1	61	34	49	2·9	5·0	3·6
FEB	861·9	860·4	860·2	18·4	26·3	20·9	14·9	17·5	16·1	70	43	62	3·6	4·7	3·5
MAR	864·2	862·1	862·3	15·4	26·0	18·9	12·5	16·1	14·0	72	35	59	2·8	4·2	2·8
APR	863·6	861·5	862·1	11·5	23·5	15·2	9·2	13·4	10·8	75	31	60	3·1	3·8	2·6
MAY	862·0	860·1	861·4	6·5	16·5	9·7	4·7	9·8	7·0	79	43	70	3·0	3·7	2·1
JUN	869·0	866·9	868·0	-2·5	17·7	5·1	-2·9	9·1	2·8	90	28	68	1·5	1·8	0·9
JUL	868·9	867·3	867·8	3·6	15·9	8·4	1·9	8·6	5·4	79	37	65	2·2	2·4	1·9
AUG	967·5	865·3	866·2	2·8	18·5	8·3	0·6	8·6	4·0	70	22	50	1·0	0·8	0·4
SEP	866·1	863·6	864·1	10·1	23·4	14·9	5·6	11·2	7·8	54	18	35	1·7	2·2	0·9
OCT	863·1	860·5	861·2	15·9	24·7	17·6	10·2	13·1	10·3	49	24	38	2·7	4·8	2·9
NOV	862·8	860·4	860·7	17·7	26·2	20·0	12·9	15·1	13·0	57	30	46	2·9	5·0	2·9
DEC	861·5	859·6	859·6	18·7	25·2	19·8	14·6	16·3	14·6	64	41	58	3·4	4·9	3·5
J/Y	864·5	862·3	862·7	11·4	22·5	15·0	8·2	12·9	10·0	68	32	55	2·6	3·6	2·3

UITERSTE TEMPERATURE / EXTREME TEMPERATURES — NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	27·9	12·7	20·3	-1·8	34·0	22	3·6	13	18·4	28	18·6	10	149·7	90·0	31
FEB	28·0	14·0	21·0	-0·3	33·2	26	7·4	21	19·4	13	19·4	5	64·6	12·4	16
MAR	27·3	11·5	19·4	0·3	31·5	25	2·5	19	18·0	18	18·6	4	57·6	19·5	17
APR	24·5	8·0	16·3	1·4	29·3	2	-0·7	10	9·0	30	15·0	3	67·9	26·5	29
MAY	17·4	3·9	10·7	-0·2	23·5	10	-2·6	26	10·4	22	12·3	11	37·7	11·5	3
JUN	18·5	-3·0	7·7	0·2	21·6	12	-6·8	5	10·0	9	8·4	7	0·7	0·4	7
JUL	16·9	1·5	9·2	1·7	20·7	12	-3·5	1	9·8	18	9·5	12	42·2	27·4	13
AUG	19·3	-1·2	9·1	-1·4	25·5	29	-4·7	18	10·5	16	9·5	15	0·0	0·0	-
SEP	24·3	4·1	14·2	0·4	31·6	29	-6·0	2	14·0	13	19·6	30	4·9	4·3	12
OCT	25·9	9·7	17·8	0·6	34·0	16	-4·0	5	13·5	5	18·4	1	36·9	22·3	20
NOV	27·9	12·6	20·3	1·2	35·5	27	4·6	2	16·6	8	18·5	6	56·5	32·0	8
DEC	26·9	13·8	20·3	-0·9	33·0	15	9·2	5	18·6	8	18·0	12	142·9	36·5	3
J/Y	23·7	7·3	15·5	0·1	35·5	-	-6·8	-	9·0	-	19·6	-	661·6	90·0	-

AANTAL DAE IN GEGEWE PERKE — NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN ≥0·1	≥1·0	/OF RAIN ≥10	≥25	VAN /OF >35	>30	MAX TEMP <17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☂	▲	✱	≡
JAN	12	7	3	2	0	10	0	0	0	0	2	0	8	1	0	0
FEB	10	6	3	0	0	9	0	0	0	0	0	0	5	0	0	1
MAR	13	9	2	0	0	6	0	0	0	0	2	0	11	0	0	0
APR	9	6	3	1	0	0	2	1	0	2	9	0	7	0	0	1
MAY	9	5	2	0	0	0	13	0	1	6	21	0	1	1	0	0
JUN	3	0	0	0	0	0	7	0	21	27	28	0	0	0	0	0
JUL	6	4	1	1	0	0	10	1	3	14	24	0	3	1	0	0
AUG	0	0	0	0	0	0	6	0	13	25	29	0	0	0	1	0
SEP	2	1	0	0	0	2	2	0	5	11	16	0	0	0	0	0
OCT	6	4	1	0	0	9	2	0	2	4	9	0	9	0	0	0
NOV	9	6	1	1	1	6	1	0	0	0	1	0	7	0	0	0
DEC	10	8	6	1	0	4	0	0	0	0	0	0	12	3	0	0
J/Y	89	56	22	6	1	46	43	2	45	89	141	0	63	6	1	2

W I N D O N T L E D I N G W I N D A N A L Y S I S

229/556 FAURESMITH ø 29°46' S λ 25°19' E H 1382M HA 6M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	9	3·8			5	6·2			3	4·8			13	5·6		
FEB	12	5·0			5	3·5			1	4·1			14	3·9		
MAR	14	3·7			4	4·9			1	3·1			11	4·5		
APR	8	4·2			0	0·0			1	2·1			8	4·3		
MAY	10	5·8			1	11·3			1	2·6			12	6·3		
JUN	3	4·6			2	3·3			0	0·0			2	4·4		
JUL	12	4·1			2	3·9			1	3·1			5	3·3		
AUG	3	4·0			1	4·6			1	4·6			12	5·8		
SEP	5	4·3			0	0·0			3	3·1			12	5·5		
OCT	15	5·1			4	5·0			2	2·6			10	5·4		
NOV	14	4·1			4	4·5			3	4·8			11	4·9		
DEC	19	4·2			8	6·5			2	3·9			18	5·9		
J/Y	124	4·4			36	5·2			19	3·7			128	5·1		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	9	5·4			8	4·1			11	3·9			23	5·0		
FEB	9	3·2			5	3·5			8	3·3			14	4·3		
MAR	6	3·2			5	3·0			6	3·4			27	4·8		
APR	8	1·9			3	4·6			7	5·5			28	4·2		
MAY	13	3·1			2	4·6			7	4·8			23	4·5		
JUN	17	2·5			3	4·0			3	3·1			20	3·9		
JUL	10	2·8			4	6·4			1	2·6			18	4·5		
AUG	6	4·5			9	4·3			5	4·6			16	4·7		
SEP	4	5·0			7	3·9			4	5·0			21	4·7		
OCT	3	3·8			14	3·6			7	4·6			25	4·3		
NOV	4	5·3			6	3·4			9	3·8			21	4·4		
DEC	7	3·7			7	4·3			1	4·1			16	5·6		
J/Y	96	3·4			73	4·0			69	4·2			252	4·5		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+ M/SEC
JAN	12	8	4	49	15	5	0	0	0	0	0	0	0
FEB	15	4	20	37	6	1	0	0	0	0	0	0	0
MAR	19	11	15	35	9	4	0	0	0	0	0	0	0
APR	27	11	10	32	9	1	0	0	0	0	0	0	0
MAY	23	12	11	26	13	2	5	0	0	0	0	0	0
JUN	40	9	17	20	4	0	0	0	0	0	0	0	0
JUL	40	4	16	26	6	1	0	0	0	0	0	0	0
AUG	40	5	11	24	7	5	1	0	0	0	0	0	0
SEP	34	3	12	26	10	4	1	0	0	0	0	0	0
OCT	13	3	22	40	12	3	0	0	0	0	0	0	0
NOV	18	2	19	38	12	1	0	0	0	0	0	0	0
DEC	15	2	23	32	13	5	3	0	0	0	0	0	0
J/Y	296	74	180	385	116	32	10	0	0	0	0	0	0

233/ 44 WEPENER ø 29°44' S λ 27°02' E H 1426M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	11	6·3			11	8·1			1	2·6			8	5·4		
FEB	10	4·8			15	4·8			1	4·6			3	2·6		
MAR	11	6·9			14	5·2			0	0·0			4	3·6		
APR	7	6·7			8	8·2			0	0·0			3	4·0		
MAY	5	5·1			14	7·8			0	0·0			2	6·2		
JUN	1	2·6			1	2·6			0	0·0			2	4·6		
JUL	7	3·4			15	5·5			0	0·0			7	3·1		
AUG	3	6·8			3	5·7			0	0·0			7	4·9		
SEP	10	5·1			10	6·5			0	0·0			10	3·8		
OCT	14	6·9			15	5·9			0	0·0			2	2·6		
NOV	11	7·2			16	6·5			0	0·0			2	2·6		
DEC	16	6·8			10	6·3			1	4·6			8	2·8		
J/Y	106	6·1			132	6·3			3	3·9			58	4·0		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	0	0·0			6	4·0			4	6·7			25	5·7		
FEB	1	2·6			3	4·6			3	4·3			17	5·0		
MAR	2	6·2			2	3·6			8	5·5			14	5·9		
APR	0	0·0			3	4·0			7	5·4			21	5·8		
MAY	2	3·6			7	3·8			9	5·3			20	5·9		
JUN	3	4·6			4	3·1			6	4·1			8	4·0		
JUL	1	4·6			2	4·6			1	6·7			20	5·0		
AUG	2	4·6			8	3·6			4	5·5			11	4·8		
SEP	0	0·0			1	4·6			6	7·5			13	6·5		
OCT	3	4·3			5	3·8			11	6·7			16	6·5		
NOV	2	2·6			3	4·0			7	5·6			23	4·2		
DEC	1	2·6			6	3·2			6	4·6			12	5·8		
J/Y	17	4·1			50	3·8			72	5·7			200	5·5		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+ M/SEC
JAN	27	0	14	19	21	10	2	0	0	0	0	0	0
FEB	31	0	26	13	8	5	1	0	0	0	0	0	0
MAR	38	0	14	21	9	10	1	0	0	0	0	0	0
APR	41	0	9	16	17	5	2	0	0	0	0	0	0
MAY	34	0	13	17	18	10	1	0	0	0	0	0	0
JUN	65	0	14	7	4	0	0	0	0	0	0	0	0
JUL	40	0	19	18	15	1	0	0	0	0	0	0	0
AUG	55	0	18	8	8	3	1	0	0	0	0	0	0
SEP	40	0	10	17	18	2	3	0	0	0	0	0	0
OCT	27	0	17	15	23	9	2	0	0	0	0	0	0
NOV	26	0	24	16	18	3	2	0	1	0	0	0	0
DEC	33	0	19	13	24	3	1	0	0	0	0	0	0
J/Y	457	0	197	180	183	61	16	0	1	0	0	0	0

240/808 LOUIS BOTHA — WEERKANTOOR / WEATHER OFFICE

φ 29°58' S λ 30°57' E — P BY/AT 0GPM — H 8M — HT 1·2M L2 — HR 1·2M L2

1959	P IN MB 08	P 14	P 20	T IN °C 08	T 14	T 20	T' IN °C 08	T' 14	T' 20	U IN % 08	U 14	U 20	N IN 0–8 08	N 14	N 20
JAN	1013·8	1012·0	1013·3	23·5	25·6	22·5	20·4	21·8	20·6	74	70	83	5·2	5·5	6·6
FEB	1014·2	1012·6	1014·0	23·9	26·4	23·3	21·1	22·5	21·6	77	70	85	4·1	4·1	5·5
MAR	1016·5	1014·3	1015·9	22·9	26·8	23·1	20·5	22·3	21·4	80	66	85	3·1	3·0	5·4
APR	1015·9	1013·6	1015·7	21·6	25·6	21·8	19·4	21·1	20·0	80	65	85	3·7	3·4	5·3
MAY	1014·4	1012·2	1013·9	17·5	23·1	17·6	15·3	18·4	16·1	79	62	86	3·0	3·0	2·7
JUN	1022·3	1020·2	1022·1	12·6	22·5	14·6	10·8	16·7	13·2	80	53	85	1·2	1·9	1·6
JUL	1023·7	1021·4	1022·9	14·4	22·2	16·9	12·7	17·4	15·3	81	61	84	2·1	2·5	2·7
AUG	1022·0	1019·5	1021·3	15·4	22·1	16·5	13·1	16·8	15·0	76	57	84	2·3	2·3	2·7
SEP	1020·5	1018·0	1019·9	18·3	22·1	18·0	15·7	17·9	16·4	75	64	84	3·2	2·9	4·3
OCT	1017·7	1015·0	1017·0	20·6	22·5	19·6	17·9	19·1	18·2	75	72	86	5·3	5·3	6·9
NOV	1017·6	1015·5	1017·1	21·7	22·9	20·6	18·8	19·8	19·0	75	74	85	5·8	5·7	6·7
DEC	1014·5	1012·5	1014·4	22·7	24·8	22·0	19·9	21·4	20·4	77	73	86	5·4	5·7	6·8
J/Y	1017·8	1015·6	1017·3	19·6	23·9	19·7	17·1	19·6	18·1	77	66	85	3·7	3·8	4·8

UITERSTE TEMPERATURE / EXTREME TEMPERATURES — NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	27·1	19·8	23·5	−0·4	31·6	27	15·0	14	23·0	6	23·7	11	125·2	56·7	1
FEB	27·7	19·5	23·6	−0·7	32·4	5	14·5	22	23·9	16	22·8	28	69·3	26·8	7
MAR	27·9	19·0	23·5	0·1	31·6	28	13·9	24	21·2	18	23·2	9	24·0	5·0	10
APR	26·9	18·1	22·5	1·0	31·0	7	14·3	24	18·9	22	23·0	16	32·7	8·4	22
MAY	24·4	13·0	18·7	−0·2	27·5	30	7·2	1	18·2	16	20·0	13	152·2	58·0	16
JUN	23·6	8·8	16·2	−0·1	25·8	15	5·0	15	19·0	3	17·1	3	0·0	0·0	–
JUL	23·5	10·8	17·1	1·3	28·7	7	6·0	1	18·5	17	15·5	25	110·4	100·3	8
AUG	23·5	10·4	16·9	−0·2	30·4	29	6·2	1	16·5	31	17·2	26	79·6	63·6	31
SEP	23·5	13·4	18·5	−0·4	28·4	30	7·7	14	17·8	10	18·7	26	36·6	21·5	12
OCT	24·0	16·8	20·4	−0·2	30·4	29	7·5	5	19·0	19	22·2	29	83·3	44·6	19
NOV	24·8	17·6	21·2	−0·8	28·0	13	13·4	3	19·4	1	21·4	18	74·6	23·8	29
DEC	26·4	19·3	22·9	−0·2	30·2	21	16·4	3	22·0	18	22·2	17	74·6	29·3	17
J/Y	25·3	15·5	20·4	−0·1	32·4	–	5·0	–	16·5	–	23·7	–	862·5	100·3	–

AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <−2·5	<0·0	<5	>20	VAN /OF 🌩	▲	✱	≡
JAN	19	9	5	1	0	5	0	0	0	0	0	13	10	0	0	1
FEB	9	6	3	1	0	1	0	0	0	0	0	14	1	0	0	0
MAR	13	6	0	0	0	3	0	0	0	0	0	11	5	0	0	0
APR	9	8	0	0	0	2	0	0	0	0	0	7	2	0	0	0
MAY	7	6	3	2	0	0	0	0	0	0	0	0	2	0	0	0
JUN	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
JUL	5	4	1	1	0	0	0	0	0	0	0	0	1	0	0	0
AUG	6	4	1	1	0	2	2	0	0	0	0	0	2	1	0	0
SEP	6	3	1	0	0	0	0	0	0	0	0	0	2	0	0	2
OCT	16	9	2	1	0	1	0	0	0	0	0	5	6	0	0	0
NOV	17	9	3	0	0	0	0	0	0	0	0	3	7	0	0	0
DEC	18	8	2	1	0	1	0	0	0	0	0	13	6	0	0	0
J/Y	125	72	21	8	0	15	2	0	0	0	0	66	45	1	0	4

🌩 DONDER
▲ HAEL
✱ SNEEU
≡ MIS
D DATUM
% PERSENTASIE

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REËNVAL
RX MAKSIMUM REËNVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROËBOL TERM
HR HOOGTE VAN REËNMETER
HA HOOGTE VAN ANEMOGRAAF

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROËBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

242/644 PORT NOLLOTH — VRT

φ 29°14' S λ 16°52' E — P BY/AT 0GPM — H 4M — HT 1·2M D5 — HR 1·2M D5

1959	P IN MB 08	P 14	P 20	T IN °C 08	T 14	T 20	T' IN °C 08	T' 14	T' 20	U IN % 08	U 14	U 20	N IN 0–8 08	N 14	N 20
JAN	1014·7	1013·8	1013·4	13·6	17·0	15·7	12·8	14·9	14·2	91	79	85	4·7	2·3	2·1
FEB	1013·8	1013·1	1012·5	14·3	17·3	15·9	13·9	15·8	15·2	95	85	93	6·0	3·6	4·4
MAR	1015·2	1014·3	1014·3	13·3	17·5	15·6	12·8	15·8	14·7	95	83	91	5·0	3·0	2·6
APR	1016·2	1015·3	1015·9	12·6	15·4	14·1	11·9	14·2	13·3	92	87	90	4·7	2·8	2·5
MAY	1016·6	1016·0	1016·7	11·3	15·7	13·5	10·3	13·6	12·6	88	81	89	5·1	3·4	2·7
JUN	1020·4	1019·7	1020·4	11·2	16·8	13·5	9·4	13·9	11·7	80	77	82	2·9	3·1	2·4
JUL	1022·1	1021·2	1021·6	9·8	15·1	12·5	8·1	12·8	11·1	81	78	86	2·7	1·9	2·1
AUG	1022·1	1021·0	1021·1	10·5	16·9	13·5	8·6	13·2	11·4	81	70	80	3·0	2·5	2·5
SEP	1018·4	1017·5	1017·5	11·6	15·6	12·7	9·8	13·3	11·6	81	77	87	3·9	2·2	2·0
OCT	1018·2	1016·8	1017·0	12·7	15·5	13·9	11·4	13·4	12·7	86	79	86	4·9	3·0	2·7
NOV	1016·3	1014·8	1015·0	13·8	16·5	14·2	12·7	14·5	13·5	88	80	92	5·2	2·4	2·4
DEC	1014·8	1013·8	1013·4	13·9	16·8	14·8	13·3	15·1	14·1	93	82	91	5·3	2·0	3·5
J/Y	1017·4	1016·4	1016·6	12·4	16·3	14·2	11·3	14·2	13·0	88	80	88	4·5	2·7	2·7

UITERSTE TEMPERATURE / EXTREME TEMPERATURES — NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	18·5	11·7	15·1	−0·5	21·6	9	8·0	4	16·0	15	14·6	9	1·0	0·5	15
FEB	18·8	13·1	15·9	0·1	21·2	19	9·5	21	16·2	25	17·2	16	0·0	0·0	–
MAR	20·1	12·3	16·2	0·7	39·5	14	8·2	18	14·0	21	17·0	8	1·0	1·0	5
APR	17·9	10·9	14·4	−0·1	29·6	23	5·0	9	14·6	28	15·0	18	7·2	3·0	27
MAY	17·3	10·3	13·8	−0·1	30·7	18	5·8	15	14·0	24	15·6	18	35·2	12·0	20
JUN	18·6	9·8	14·2	1·0	32·0	12	6·0	19	10·5	18	17·0	13	1·3	0·9	23
JUL	17·9	8·2	13·1	1·2	33·5	30	3·4	24	11·6	11	15·0	20	4·9	1·7	12
AUG	18·9	9·1	14·0	1·7	33·0	10	2·2	7	12·5	16	22·0	21	2·8	1·0	15
SEP	18·3	9·3	13·8	1·0	34·0	16	5·0	13	14·0	20	12·8	7	4·0	2·2	11
OCT	17·4	10·4	13·9	0·4	31·6	6	6·2	5	13·0	7	13·8	10	0·6	0·3	31
NOV	18·1	11·2	14·7	−0·2	34·5	3	7·6	8	15·2	4	14·8	18	1·3	1·1	17
DEC	18·1	12·2	15·1	−0·1	20·2	29	8·2	11	15·2	20	15·0	3	2·4	2·4	16
J/Y	18·3	10·7	14·5	0·4	39·5	–	2·2	–	10·5	–	22·0	–	61·7	12·0	–

AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <−2·5	<0·0	<5	>20	VAN /OF 🌩	▲	✱	≡
JAN	3	0	0	0	0	0	7	0	0	0	0	0	0	0	0	23
FEB	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	20
MAR	1	1	0	0	1	2	3	0	0	0	0	0	0	0	0	22
APR	6	2	0	0	0	0	16	0	0	0	0	0	0	0	0	16
MAY	10	6	2	0	0	1	25	0	0	0	0	0	–	0	0	9
JUN	2	0	0	0	0	3	19	0	0	0	0	0	0	0	0	9
JUL	4	3	0	0	0	2	19	0	0	0	3	0	0	0	0	8
AUG	4	1	0	0	0	4	20	0	0	0	3	1	0	0	0	8
SEP	2	2	0	0	0	2	17	0	0	0	0	0	0	0	0	13
OCT	2	0	0	0	0	1	23	0	0	0	0	0	0	0	0	12
NOV	2	1	0	0	0	1	15	0	0	0	0	0	0	0	0	18
DEC	1	1	0	0	0	0	6	0	0	0	0	0	0	0	0	19
J/Y	37	17	2	0	1	16	176	0	0	0	6	1	–	0	0	177

🌩 THUNDER
▲ HAIL
✱ SNOW
≡ FOG
D DATE
% PERCENTAGE

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

W I N D O N T L E D I N G W I N D A N A L Y S I S

240/808 LOUIS BOTHA ø 29°58' S λ 30°57' E H 8M HA 13M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	35	3·2	102	5·9	72	5·7	24	5·6	18	3·2	6	2·5	8	2·7	24	3·6
FEB	34	2·7	71	5·6	56	6·6	24	5·0	16	3·6	6	2·0	9	2·7	18	3·8
MAR	28	2·8	91	6·4	88	5·5	29	5·4	15	3·8	9	3·0	8	2·5	17	4·8
APR	30	3·0	127	6·3	70	6·6	17	5·3	28	4·0	11	3·7	8	2·9	3	3·1
MAY	35	3·5	50	5·1	31	4·7	14	4·6	26	3·9	11	4·2	22	6·4	8	3·3
JUN	19	2·1	26	3·9	20	3·8	12	3·6	26	2·6	2	2·0	13	2·5	16	3·6
JUL	29	3·3	75	4·9	29	4·6	15	4·0	12	2·5	1	1·8	10	3·9	7	3·2
AUG	21	2·1	63	4·4	25	5·2	31	4·2	22	3·4	8	3·3	11	3·2	8	3·9
SEP	49	3·5	100	7·1	35	6·2	25	5·3	8	3·8	6	1·7	3	1·9	34	4·5
OCT	37	4·2	160	6·8	50	5·8	21	4·6	16	3·7	14	2·6	17	3·5	14	4·9
NOV	22	3·0	110	5·7	48	6·2	29	4·8	8	3·6	8	2·1	8	2·7	18	3·5
DEC	27	3·3	68	6·1	64	5·8	20	5·1	12	2·9	6	2·9	22	3·0	24	3·6
J/Y	366	3·1	1043	5·9	588	5·8	261	4·9	207	3·5	88	2·9	139	3·5	191	3·9

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	62	8·1	85	7·2	73	4·2	8	2·3	1	2·2	2	1·8	0	0·0	5	2·5
FEB	70	5·9	51	5·5	35	3·3	4	2·2	3	1·7	0	0·0	0	0·0	3	1·9
MAR	56	7·0	62	5·9	66	4·2	8	2·7	4	1·5	0	0·0	1	2·7	8	1·5
APR	48	8·1	37	7·0	51	4·0	15	3·0	6	2·8	5	4·1	5	1·4	5	1·7
MAY	32	5·8	26	7·2	76	4·2	20	4·7	4	2·2	1	1·8	6	1·8	9	2·0
JUN	39	6·5	36	7·4	22	4·3	10	3·4	9	3·4	0	0·0	2	2·2	6	1·7
JUL	43	6·0	44	6·7	68	4·6	10	2·6	0	0·0	0	0·0	4	2·0	22	1·8
AUG	40	7·0	90	7·5	58	5·9	16	4·6	7	2·0	3	2·1	6	2·1	15	1·7
SEP	57	8·9	85	6·8	68	5·9	28	5·9	1	3·1	0	0·0	1	2·7	14	2·2
OCT	55	6·5	95	6·2	63	4·2	16	2·9	1	1·3	1	1·8	1	1·3	4	2·1
NOV	110	6·3	105	5·0	34	2·4	8	1·7	0	0·0	1	1·3	2	1·8	5	2·1
DEC	94	6·5	80	5·4	62	3·0	11	2·7	2	1·6	0	0·0	0	0·0	2	1·6
J/Y	706	6·8	796	6·3	676	4·3	154	3·8	38	2·4	13	2·7	28	1·9	98	1·9

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0– 1·0	1·1– 1·5	1·6– 3·3	3·4– 5·4	5·5– 7·9	8·0– 10·7	10·8 13·8	13·9 17·1	17·2 20·7	20·8 24·4	24·5 28·4	28·5 32·6	32·7 +	M/ SEK M/ SEC
JAN	219	44	121	130	121	79	24	6	0	0	0	0	0	
FEB	272	33	92	117	117	36	5	0	0	0	0	0	0	
MAR	254	35	115	128	139	65	8	0	0	0	0	0	0	
APR	254	32	97	136	103	74	19	4	1	0	0	0	0	
MAY	373	26	80	111	103	33	13	5	0	0	0	0	0	
JUN	462	33	93	64	42	12	14	0	0	0	0	0	0	
JUL	375	46	97	107	78	36	5	0	0	0	0	0	0	
AUG	320	47	93	121	88	62	11	2	0	0	0	0	0	
SEP	206	29	85	130	149	84	32	5	0	0	0	0	0	
OCT	179	28	101	168	179	73	16	0	0	0	0	0	0	
NOV	204	49	94	114	162	65	32	0	0	0	0	0	0	
DEC	250	39	137	136	114	61	7	0	0	0	0	0	0	
J/Y	3368	441	1205	1462	1395	680	185	22	1	0	0	0	0	

242/644 PORT NOLLOTH ø 29°14' S λ 16°52' E H 4M HA 6M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	0	0·0			0	0·0			0	0·0			1	2·6		
FEB	0	0·0			0	0·0			0	0·0			0	0·0		
MAR	0	0·0			0	0·0			0	0·0			1	2·6		
APR	2	7·7			1	2·6			1	6·7			1	2·6		
MAY	8	5·9			8	6·4			3	3·4			2	2·6		
JUN	2	3·9			1	7·7			8	5·7			0	0·0		
JUL	0	0·0			3	7·4			4	3·9			3	2·9		
AUG	1	5·1			2	2·6			11	6·9			1	2·6		
SEP	1	2·6			0	0·0			2	6·4			1	2·6		
OCT	0	0·0			0	0·0			1	12·4			0	0·0		
NOV	1	7·7			0	0·0			1	5·1			1	2·6		
DEC	0	0·0			0	0·0			0	0·0			2	2·3		
J/Y	15	5·7			15	5·9			31	5·9			13	2·6		

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	43	6·4			4	3·4			0	0·0			3	2·2		
FEB	33	5·4			3	4·0			1	13·9			4	3·0		
MAR	31	6·3			4	3·3			1	2·6			5	4·0		
APR	22	5·4			2	3·3			2	2·6			9	4·5		
MAY	11	4·8			0	0·0			0	0·0			23	5·4		
JUN	21	4·3			5	2·6			0	0·0			5	4·3		
JUL	14	4·8			3	4·1			1	2·6			11	5·1		
AUG	19	6·3			0	0·0			1	2·6			12	5·5		
SEP	32	6·5			1	2·6			1	2·6			7	6·5		
OCT	25	6·3			8	3·4			1	2·6			16	5·6		
NOV	48	6·1			2	2·1			1	2·6			7	3·9		
DEC	41	5·5			3	2·4			0	0·0			9	5·3		
J/Y	340	5·8			35	3·2			9	3·8			111	5·0		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0– 1·0	1·1– 1·5	1·6– 3·3	3·4– 5·4	5·5– 7·9	8·0– 10·7	10·8 13·8	13·9 17·1	17·2 20·7	20·8 24·4	24·5 28·4	28·5 32·6	32·7 +	M/ SEK M/ SEC
JAN	42	8	15	7	5	10	4	2	0	0	0	0	0	
FEB	43	2	15	13	4	5	1	1	0	0	0	0	0	
MAR	51	2	14	10	9	5	1	1	0	0	0	0	0	
APR	50	1	16	12	6	5	0	0	0	0	0	0	0	
MAY	38	2	23	9	12	5	4	0	0	0	0	0	0	
JUN	48	3	21	6	9	3	0	0	0	0	0	0	0	
JUL	54	1	16	13	6	2	1	0	0	0	0	0	0	
AUG	46	2	11	11	16	7	0	0	0	0	0	0	0	
SEP	45	0	15	10	10	5	5	0	0	0	0	0	0	
OCT	42	0	20	13	9	5	3	1	0	0	0	0	0	
NOV	29	2	22	12	14	8	3	0	0	0	0	0	0	
DEC	37	1	27	4	13	9	1	0	0	0	0	0	0	
J/Y	525	24	215	120	113	69	23	5	0	0	0	0	0	

K L I M A A T T A B E L L E — C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE EERSTE ORDE — FIRST ORDER STATIONS

247/668 POFADDER — φ 29°08'S P BY/AT 1000GPM HT 1·2M D6 — λ 19°23'E H 996M HR 1·2M D6

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN O-8 08	14	20
JAN	903·2	902·1	900·7	19·0	29·5	27·4	12·4	15·2	14·6	46	17	21	1·6	2·0	1·8
FEB	902·5	902·0	900·6	20·1	31·1	29·2	13·5	16·8	16·1	47	19	23	1·7	2·0	2·4
MAR	904·4	903·8	902·5	17·3	28·5	25·6	11·7	15·5	14·6	51	21	27	1·6	2·4	1·9
APR	904·8	903·7	903·5	12·9	23·3	19·4	9·1	13·2	11·5	63	30	37	2·9	2·5	2·2
MAY	904·4	903·7	903·9	6·6	15·1	11·0	5·0	9·0	7·6	78	42	62	3·0	2·6	2·1
JUN	909·8	909·4	909·2	7·9	18·5	13·1	4·6	9·9	7·8	60	29	46	1·9	1·5	1·8
JUL	910·1	909·4	909·4	6·5	17·0	11·7	3·5	8·8	6·5	61	29	44	1·5	1·5	1·1
AUG	909·7	909·1	908·5	7·4	18·5	13·8	4·0	9·2	7·0	59	27	36	1·4	1·5	1·2
SEP	907·4	906·3	905·6	12·4	23·8	18·7	6·2	11·3	9·0	38	15	23	1·4	1·2	1·2
OCT	904·7	903·8	902·9	13·4	23·6	20·2	8·2	11·6	10·2	49	18	24	3·0	2·4	2·5
NOV	903·7	902·3	901·3	18·7	29·2	26·1	11·0	14·6	15·3	37	14	18	1·7	1·9	1·8
DEC	902·5	901·0	900·1	20·0	29·8	27·8	12·3	15·7	14·6	39	18	20	1·7	1·7	1·4
J/Y	905·6	904·7	904·0	13·5	24·0	20·5	8·5	12·6	11·1	52	23	32	1·9	1·9	1·8

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	31·2	15·5	23·3	-2·2	37·3	30	8·6	12	21·4	12	22·9	31	4·5	3·5	24
FEB	32·7	17·5	25·1	-0·2	38·3	4	11·5	20	26·7	14	23·4	4	6·8	3·5	12
MAR	29·7	14·9	22·3	-0·7	34·5	22	5·4	18	19·4	17	19·4	14	0·0	0·0	-
APR	24·6	11·3	17·9	-1·2	34·2	1	3·9	30	11·0	30	19·0	18	9·7	7·5	29
MAY	16·0	5·5	10·7	-3·9	22·2	5	1·5	16	9·4	21	9·3	19	11·1	8·0	21
JUN	19·6	6·8	13·2	1·5	23·7	22	1·3	9	10·8	24	12·5	6	1·0	1·0	5
JUL	18·1	5·1	11·6	0·9	24·3	27	0·3	14	11·2	13	11·2	7	0·0	0·0	-
AUG	19·4	6·5	12·9	0·1	27·0	13	-1·5	7	9·8	16	14·2	13	1·6	1·0	16
SEP	25·1	9·6	17·3	1·6	35·2	29	1·2	13	13·0	12	20·1	29	0·0	0·0	-
OCT	24·9	10·1	17·5	-1·6	34·2	25	0·8	5	14·2	4	17·6	25	0·3	0·3	28
NOV	30·8	14·3	22·5	1·1	37·0	22	4·2	1	18·7	1	23·5	23	0·0	0·0	-
DEC	31·4	16·3	23·9	0·4	36·4	20	7·9	18	22·8	4	23·2	31	6·3	6·0	12
J/Y	25·3	11·1	18·2	-0·3	38·3	-	-1·5	-	9·4	-	23·5	-	41·3	8·0	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF >35	>30	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF %	▲	✱	≡
JAN	2	2	0	0	3	21	0	0	0	0	0	1	3	0	0	0
FEB	3	2	0	0	8	20	0	0	0	0	0	7	1	0	0	0
MAR	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0
APR	2	2	0	0	0	6	4	0	0	0	3	0	1	0	0	0
MAY	4	3	0	0	0	0	20	1	0	0	14	0	0	0	0	0
JUN	1	1	0	0	0	0	6	0	0	0	9	0	1	0	0	0
JUL	0	0	0	0	0	0	14	0	0	0	16	0	0	0	0	0
AUG	2	1	0	0	0	0	12	1	0	2	12	0	1	0	0	0
SEP	0	0	0	0	1	7	4	0	0	0	5	1	0	0	0	0
OCT	1	0	0	0	0	6	4	0	0	0	2	0	1	0	0	0
NOV	0	0	0	0	3	23	0	0	0	0	1	2	1	0	0	0
DEC	2	1	0	0	3	24	0	0	0	0	0	3	1	1	0	0
J/Y	17	12	0	0	18	126	64	2	0	2	62	14	10	1	0	0

261/307 BLOEMFONTEIN — WEERKANTOOR / WEATHER OFFICE — φ 29°07'S P BY/AT 1400GPM HT 1·2M L6 — λ 26°11'E H 1422M HR 1·2M L6

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN O-8 08	14	20
JAN	861·5	859·6	859·3	18·7	27·2	20·5	14·4	16·1	13·6	65	31	47	2·9	3·6	3·6
FEB	862·1	860·6	860·4	18·9	26·8	21·1	15·6	17·6	16·1	72	42	61	3·0	3·3	3·4
MAR	864·2	862·4	862·6	17·3	26·4	19·0	13·6	16·0	13·4	67	33	53	2·9	3·2	2·6
APR	863·6	861·8	862·4	14·0	23·4	14·9	11·1	14·3	10·8	71	37	62	2·5	3·1	2·5
MAY	862·1	860·3	861·5	6·9	16·3	8·4	5·6	9·9	6·3	83	45	75	2·7	2·8	2·3
JUN	868·7	867·1	868·1	4·0	17·5	7·6	2·2	9·0	4·0	73	29	54	1·8	1·6	1·6
JUL	869·0	867·6	868·0	5·5	16·2	8·8	3·7	8·9	5·4	77	37	60	2·1	2·2	2·0
AUG	867·7	865·8	866·4	6·3	18·3	8·7	3·0	8·8	3·8	58	24	43	1·0	0·8	0·1
SEP	866·1	863·9	864·4	12·6	23·7	14·8	7·4	11·9	7·7	49	20	34	1·1	1·6	1·5
OCT	863·2	860·8	861·3	16·2	24·9	17·3	10·9	14·1	10·8	53	28	43	2·9	3·7	3·1
NOV	863·0	860·7	861·1	18·3	26·3	19·6	14·0	15·8	13·2	63	33	49	3·0	3·6	2·9
DEC	861·5	859·7	859·8	19·3	25·6	19·4	15·1	16·5	14·4	65	40	60	2·6	4·3	2·7
J/Y	864·4	862·5	862·9	13·2	22·7	15·0	9·7	13·2	10·0	66	33	53	2·4	2·8	2·4

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	28·6	13·6	21·1	-1·4	34·7	22	4·0	14	20·3	13	20·0	20	84·0	22·8	27
FEB	28·2	14·5	21·4	-0·2	32·6	27	8·5	21	19·6	15	18·8	5	124·0	32·4	12
MAR	27·9	12·2	20·1	0·6	32·7	29	3·8	20	18·0	18	17·0	2	32·5	11·2	17
APR	24·5	9·5	17·0	1·6	30·2	2	1·6	30	10·0	30	16·7	3	79·9	36·6	28
MAY	17·2	3·4	10·3	-0·6	24·6	10	-1·8	26	6·2	16	10·7	12	63·7	36·9	16
JUN	18·0	0·8	9·4	1·9	22·2	2	-3·5	25	11·4	9	6·9	7	0·1	0·1	7
JUL	17·0	2·8	9·9	2·9	21·5	12	-1·4	20	8·8	13	8·3	12	21·4	15·2	13
AUG	19·1	1·3	10·2	0·0	26·5	29	-3·3	17	10·4	16	8·9	15	0·0	0·0	-
SEP	24·7	6·5	15·6	1·9	31·9	29	-3·6	2	14·6	13	18·3	30	0·0	0·0	-
OCT	26·3	10·3	18·3	1·2	35·2	16	-2·8	5	13·6	5	18·0	27	32·6	28·0	20
NOV	27·7	12·9	20·3	0·8	34·4	27	4·8	2	18·0	8	17·5	30	80·5	27·0	8
DEC	27·3	13·8	20·5	-1·2	32·8	30	8·8	5	19·3	4	18·0	16	172·1	87·0	31
J/Y	23·9	8·5	16·2	0·7	35·2	-	-3·6	-	6·2	-	20·0	-	690·8	87·0	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF >35	>30	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF %	▲	✱	≡
JAN	9	9	4	0	0	12	0	0	0	0	2	0	9	2	0	0
FEB	8	8	6	2	0	9	0	0	0	0	0	0	5	0	0	0
MAR	10	7	1	0	0	8	0	0	0	0	2	0	9	0	0	0
APR	7	6	3	1	0	1	1	0	0	0	2	0	4	0	0	0
MAY	9	5	2	1	0	0	14	2	0	3	21	0	3	1	2	1
JUN	1	0	0	0	0	0	7	0	2	11	28	0	1	0	0	0
JUL	5	3	1	0	0	0	12	2	0	3	24	0	3	0	0	0
AUG	0	0	0	0	0	0	9	0	2	8	30	0	0	0	0	0
SEP	0	0	0	0	0	4	2	0	1	4	13	0	0	0	0	0
OCT	4	2	1	1	1	10	2	0	1	1	6	0	4	0	0	0
NOV	5	5	4	2	0	7	0	0	0	0	1	0	6	0	0	0
DEC	11	10	3	2	0	6	0	0	0	0	0	0	12	4	0	0
J/Y	69	55	25	9	1	57	47	4	6	30	129	0	56	7	2	1

W I N D O N T L E D I N G W I N D A N A L Y S I S

247/668 POFADDER — φ 29°08' S, λ 19°23' E — H 996M — HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	5	2·8			4	3·1			1	3·1			17	3·3		
FEB	5	2·7			6	2·1			3	3·4			7	4·4		
MAR	8	3·4			6	4·1			2	4·1			8	2·8		
APR	8	3·4			7	2·9			2	2·1			5	2·9		
MAY	5	3·2			6	2·8			4	2·9			4	2·8		
JUN	11	3·3			12	3·2			8	2·3			9	2·4		
JUL	14	3·4			11	3·2			3	2·7			5	2·7		
AUG	13	3·9			11	3·6			10	3·6			8	3·1		
SEP	9	3·0			10	3·1			4	2·3			12	3·3		
OCT	1	1·5			6	4·0			7	3·2			11	3·3		
NOV	6	3·1			3	2·6			2	3·1			16	4·0		
DEC	6	3·4			3	3·2			1	2·6			18	3·7		
J/Y	91	3·3			85	3·3			47	3·0			120	3·3		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	16	4·5			20	4·1			9	3·0			8	2·1		
FEB	15	3·4			13	3·1			10	2·7			8	2·3		
MAR	8	3·0			11	4·1			10	3·1			8	3·1		
APR	10	3·3			12	3·1			8	2·6			7	3·4		
MAY	6	3·1			8	3·2			16	3·4			14	3·4		
JUN	5	3·7			2	2·6			3	2·9			2	2·6		
JUL	11	3·5			5	3·9			9	2·2			4	2·7		
AUG	10	2·8			6	4·5			10	4·2			3	3·4		
SEP	6	4·2			7	3·4			8	3·3			5	2·6		
OCT	13	3·5			23	3·3			12	3·2			6	2·7		
NOV	16	4·3			20	3·4			12	2·5			5	3·2		
DEC	22	3·8			17	4·1			11	3·2			7	3·4		
J/Y	138	3·7			144	3·6			118	3·0			77	2·9		

WINDSPOEDFREKWENSIE — WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	13	10	34	27	7	2	0	0	0	0	0	0	0	
FEB	17	15	36	12	4	0	0	0	0	0	0	0	0	
MAR	32	12	26	18	4	0	1	0	0	0	0	0	0	
APR	31	11	25	22	1	0	0	0	0	0	0	0	0	
MAY	30	7	29	25	2	0	0	0	0	0	0	0	0	
JUN	38	8	26	18	0	0	0	0	0	0	0	0	0	
JUL	31	7	33	18	4	0	0	0	0	0	0	0	0	
AUG	22	7	27	31	6	0	0	0	0	0	0	0	0	
SEP	29	16	18	23	4	0	0	0	0	0	0	0	0	
OCT	14	10	37	26	6	0	0	0	0	0	0	0	0	
NOV	10	13	30	30	7	0	0	0	0	0	0	0	0	
DEC	8	4	43	27	9	2	0	0	0	0	0	0	0	
J/Y	275	120	364	277	54	4	1	0	0	0	0	0	0	

261/307 BLOEMFONTEIN — φ 29°07' S, λ 26°11' E — H 1422M — HA 20M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	70	4·6	51	5·2	40	4·0	41	4·0	22	3·7	21	3·5	20	2·7	31	3·2
FEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAR	57	3·8	69	3·8	28	3·0	43	2·9	12	2·3	26	2·1	5	3·1	22	2·9
APR	58	3·4	73	4·0	34	3·2	17	3·1	15	2·3	18	1·9	5	1·5	2	3·6
MAY	48	4·1	65	4·6	26	6·8	36	3·7	14	2·1	31	2·1	8	3·4	35	5·6
JUN	19	2·4	20	2·2	5	2·6	14	2·8	7	2·2	33	1·5	3	1·3	30	2·0
JUL	48	3·1	60	3·1	33	3·1	41	2·9	23	2·1	36	1·8	15	2·2	12	2·1
AUG	31	2·4	31	2·5	10	2·6	27	2·5	4	3·0	11	1·7	11	2·9	34	3·9
SEP	71	3·3	29	3·2	15	3·0	20	3·0	21	2·7	16	3·3	15	3·4	12	2·4
OCT	60	4·3	60	4·8	17	5·2	62	4·2	26	2·5	16	2·3	13	2·5	23	3·1
NOV	86	3·9	54	4·2	52	3·6	55	3·6	28	2·1	14	1·7	8	2·1	20	2·5
DEC	41	4·6	76	4·0	45	3·8	54	3·9	35	2·3	19	2·3	19	2·2	32	2·9
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	20	5·6	18	3·9	23	5·0	53	5·5	54	5·9	59	5·5	64	6·0	79	6·0
FEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAR	1	3·1	30	3·9	18	2·4	25	3·7	14	3·4	43	4·1	31	4·0	78	3·9
APR	0	0·0	2	1·6	17	3·0	22	3·4	36	4·2	59	4·2	84	4·5	70	4·3
MAY	16	5·5	11	4·7	6	2·0	24	3·0	56	3·4	80	3·8	34	4·2	60	4·4
JUN	15	3·0	43	3·0	26	3·1	25	3·2	12	4·6	26	2·7	29	2·7	43	2·8
JUL	9	2·5	26	3·4	19	4·9	20	4·4	14	3·0	33	4·6	34	3·3	65	3·6
AUG	33	4·4	34	2·5	40	2·9	56	4·1	34	4·7	35	3·8	22	5·1	49	3·1
SEP	24	3·2	24	5·0	44	3·1	42	3·4	32	4·6	27	5·8	39	4·1	62	4·1
OCT	8	4·2	16	3·9	32	3·3	47	5·0	53	6·0	60	5·6	43	5·9	54	5·5
NOV	24	2·6	15	4·3	21	3·4	53	3·8	44	4·1	30	3·9	47	3·5	64	3·8
DEC	14	2·5	19	3·3	22	3·3	33	4·6	21	3·4	43	3·1	36	3·6	39	4·3
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

WINDSPOEDFREKWENSIE — WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	78	36	147	221	207	43	11	1	0	0	0	0	0	
FEB	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAR	242	58	196	191	52	4	1	0	0	0	0	0	0	
APR	208	54	186	182	74	13	3	0	0	0	0	0	0	
MAY	194	48	201	183	84	29	5	0	0	0	0	0	0	
JUN	370	80	179	78	13	0	0	0	0	0	0	0	0	
JUL	258	103	210	115	45	13	0	0	0	0	0	0	0	
AUG	284	76	217	100	44	18	5	0	0	0	0	0	0	
SEP	227	71	192	132	77	19	2	0	0	0	0	0	0	
OCT	154	48	175	180	116	64	7	0	0	0	0	0	0	
NOV	105	65	242	228	73	7	0	0	0	0	0	0	0	
DEC	196	69	211	190	60	16	2	0	0	0	0	0	0	
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	

KLIMAATTABELLE — CLIMATOLOGICAL TABLES
STASIES VAN DIE EERSTE ORDE — FIRST ORDER STATIONS

268/631 ESTCOURT — LANDBOU AGRIC — φ 29°01'S λ 29°52'E — P BY/AT 1250GPM H 1181M — HT 1·2M HR 1·2M — D7 D7

P IN MB / T IN °C / T' IN °C / U IN % / N IN 0-8

1959	P 08	P 14	P 20	T 08	T 14	T 20	T' 08	T' 14	T' 20	U 08	U 14	U 20	N 08	N 14	N 20
JAN	877·2	875·0	876·0	18·2	24·2	18·4	15·7	17·6	15·7	77	53	76	4·8	3·7	5·5
FEB	877·5	875·7	877·0	18·5	25·2	19·3	16·5	18·7	16·9	83	55	79	4·7	2·7	5·0
MAR	879·7	877·5	878·7	16·9	25·6	18·8	14·7	17·6	15·5	79	46	72	3·3	2·1	3·8
APR	879·3	876·6	877·8	14·7	24·7	16·8	12·6	15·4	13·3	79	38	68	3·4	2·0	2·5
MAY	876·7	874·7	876·2	8·7	19·0	10·6	6·7	11·4	8·1	75	40	72	2·3	2·0	1·5
JUN	883·1	881·4	882·7	6·3	19·2	8·8	3·8	10·5	5·5	68	31	60	1·1	1·3	1·3
JUL	884·3	882·3	883·5	6·6	17·9	9·3	4·7	10·2	6·1	74	36	63	1·7	1·0	1·1
AUG	882·7	880·3	881·4	7·8	19·4	10·7	4·9	9·9	6·3	65	28	52	1·3	0·9	0·8
SEP	881·5	878·9	879·9	12·5	23·2	15·4	9·1	12·7	10·1	65	29	51	2·2	2·0	1·9
OCT	879·2	876·2	877·9	15·7	23·2	16·2	12·9	14·7	13·1	74	43	72	3·7	2·9	4·5
NOV	879·3	876·9	878·4	16·2	22·1	16·6	14·0	16·4	14·4	79	57	80	5·5	4·4	5·4
DEC	877·3	875·0	876·7	18·1	24·2	17·9	15·7	17·8	15·6	79	54	79	4·7	4·1	5·9
J/Y	879·8	877·5	878·8	13·3	22·3	14·9	10·9	14·4	11·7	75	43	69	3·2	2·4	3·3

UITERSTE TEMPERATURE / EXTREME TEMPERATURES / NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	26·3	14·3	20·3	-0·7	32·7	4	6·1	14	18·0	13	19·6	1	92·7	38·9	8
FEB	27·2	15·0	21·1	0·2	33·1	5	8·9	22	19·4	21	17·3	16	172·5	80·9	15
MAR	26·8	13·5	20·1	0·4	33·6	29	10·4	25	18·4	18	16·7	3	28·3	7·3	11
APR	25·9	11·4	18·7	1·5	32·7	3	8·4	10	12·6	22	15·7	14	56·5	30·3	29
MAY	20·2	5·7	12·9	-0·8	26·6	7	-0·6	1	12·0	16	12·5	12	66·6	28·4	17
JUN	20·0	3·7	11·9	1·0	24·3	2	0·3	29	15·4	25	8·4	7	0·4	0·4	7
JUL	18·8	3·8	11·3	0·6	21·5	7	-1·8	18	11·7	17	9·0	14	18·0	7·0	17
AUG	20·7	4·5	12·6	-0·5	28·3	30	1·3	4	10·0	31	7·7	30	2·8	1·9	2
SEP	24·3	7·2	15·7	-0·2	32·4	30	-0·1	2	10·3	13	12·9	26	9·9	6·5	12
OCT	24·8	11·3	18·1	-0·1	35·0	17	1·5	6	13·5	19	15·5	28	121·8	31·0	18
NOV	23·7	12·7	18·2	-1·1	33·0	27	7·0	4	12·6	2	15·5	6	112·3	23·9	8
DEC	25·7	14·5	20·1	-0·4	32·1	26	10·7	3	16·7	18	17·7	26	91·4	16·0	10
J/Y	23·7	9·8	16·7	0·0	35·0	-	-1·8	-	10·0	-	19·6	-	773·2	80·9	-

AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN | VAN /OF MAX TEMP | NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP

1959	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20	☂	▲	✱	≡
JAN	12	10	2	1	0	4	00	0	0	00	0	0	17	2	0	0
FEB	15	11	4	2	0	6	0	0	0	0	0	0	14	1	0	0
MAR	12	7	0	0	0	4	0	0	0	0	0	0	11	0	0	0
APR	8	4	2	1	0	4	3	0	0	0	0	0	6	0	0	0
MAY	8	5	2	2	0	0	7	0	0	2	11	0	2	0	0	0
JUN	1	0	0	0	0	0	3	0	0	0	24	0	0	0	0	0
JUL	3	3	0	0	0	0	9	0	0	1	23	0	0	1	0	0
AUG	4	1	0	0	0	0	8	0	0	0	17	0	0	0	0	0
SEP	3	2	0	0	0	5	3	0	0	1	9	0	3	1	0	0
OCT	12	11	4	2	0	7	4	0	0	0	3	0	11	2	0	0
NOV	200	13	4	0	0	4	3	0	0	0	0	0	14	2	0	0
DEC	15	12	5	0	0	4	1	0	0	0	0	0	12	3	0	0
J/Y	113	79	23	8	0	38	41	0	0	4	87	0	90	12	0	0

274/ 34 ALEXANDER BAY — WEERKANTOOR WEATHER OFFICE — φ 28°34'S λ 16°32'E — P BY/AT 0GPM H 21M — HT 1·2M HR 1·2M — J6 J6

P IN MB / T IN °C / T' IN °C / U IN % / N IN 0-8

1959	P 08	P 14	P 20	T 08	T 14	T 20	T' 08	T' 14	T' 20	U 08	U 14	U 20	N 08	N 14	N 20
JAN	1014·3	1012·7	1013·0	16·2	21·9	18·0	14·5	16·9	15·5	82	58	76	3·9	2·1	2·4
FEB	1013·6	1012·3	1012·3	16·4	22·0	18·2	15·3	17·6	16·7	89	62	85	5·6	1·3	4·5
MAR	1014·9	1013·2	1014·0	15·2	23·0	17·8	14·1	17·3	16·0	89	56	82	4·9	1·3	3·0
APR	1016·0	1014·5	1015·5	12·9	20·6	15·8	12·0	15·7	14·0	91	58	81	4·1	2·6	2·6
MAY	1016·5	1015·5	1016·4	12·0	18·8	14·5	10·7	14·0	12·8	86	58	83	5·5	3·5	3·5
JUN	1019·8	1018·5	1019·5	12·1	21·1	14·7	9·8	14·2	11·8	75	48	72	3·9	2·6	3·4
JUL	1021·5	1020·1	1020·9	10·4	20·4	14·0	8·5	13·5	11·3	80	46	73	3·0	1·3	2·3
AUG	1021·1	1019·8	1020·2	11·3	20·9	15·1	8·9	13·3	11·6	74	43	66	3·0	2·2	2·4
SEP	1017·9	1016·4	1016·8	12·4	21·1	14·7	10·1	14·1	12·0	79	47	72	3·7	1·2	2·3
OCT	1017·6	1015·6	1016·4	13·9	20·2	15·0	11·7	14·0	12·7	77	50	76	4·8	2·4	3·3
NOV	1015·9	1013·8	1014·5	15·3	20·9	16·3	13·0	15·5	14·0	76	55	76	4·3	0·9	3·0
DEC	1014·5	1012·9	1013·4	16·0	21·1	17·2	14·3	16·2	15·0	82	58	78	5·0	1·6	3·4
J/Y	1017·0	1015·4	1016·1	13·7	21·0	15·9	11·9	15·2	13·6	82	53	77	4·3	1·9	3·0

UITERSTE TEMPERATURE / EXTREME TEMPERATURES / NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	22·8	14·2	18·5	-1·0	25·3	29	11·2	22	20·6	15	17·0	9	0·9	0·5	24
FEB	23·1	15·0	19·1	-0·4	25·5	13	11·6	21	19·8	25	18·6	16	0·1	0·1	11
MAR	24·8	14·1	19·5	0·3	40·9	13	8·9	19	19·0	21	18·9	15	0·0	0·0	-
APR	22·1	11·9	17·0	-0·9	34·1	17	8·0	26	17·2	28	16·8	17	4·5	2·0	27
MAY	19·9	10·9	15·4	-1·3	29·2	18	6·1	16	16·1	12	19·1	18	30·2	12·9	21
JUN	22·3	10·5	16·4	1·3	31·4	13	6·4	25	15·1	20	16·1	26	4·5	4·3	5
JUL	21·4	8·8	15·1	1·4	31·5	30	3·0	25	15·0	22	15·6	2	3·1	1·4	11
AUG	21·9	9·6	15·7	1·6	34·0	22	2·3	8	15·7	16	19·4	21	2·9	1·6	14
SEP	23·3	10·1	16·7	1·6	36·7	16	5·8	14	16·6	12	15·9	1	2·1	1·0	12
OCT	21·4	11·3	16·3	0·0	39·4	14	7·8	14	17·1	18	14·7	21	2·2	1·2	2
NOV	22·2	12·8	17·9	0·0	35·8	3	8·8	2	19·0	11	16·5	23	1·0	0·9	17
DEC	22·0	13·9	17·9	-0·8	25·3	19	10·5	11	18·5	15	17·2	3	2·2	1·7	16
J/Y	22·3	11·9	17·1	0·1	40·9	-	2·3	-	15·0	-	19·4	-	53·7	12·9	-

AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN | VAN /OF MAX TEMP | NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP

1959	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20	☂	▲	✱	≡
JAN	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
FEB	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
MAR	0	0	0	0	2	5	0	0	0	0	0	0	0	0	0	11
APR	6	2	0	0	0	3	2	0	0	0	0	0	3	0	0	7
MAY	11	5	1	0	0	0	5	0	0	0	0	0	0	0	0	9
JUN	2	1	0	0	0	3	6	0	0	0	0	0	1	0	0	10
JUL	6	1	0	0	0	2	11	0	0	0	2	0	0	0	0	5
AUG	4	2	0	0	0	6	11	0	0	0	3	0	0	0	0	2
SEP	3	2	0	0	2	5	3	0	0	0	0	0	0	0	0	6
OCT	6	1	0	0	1	2	1	0	0	0	0	0	0	0	0	1
NOV	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1
DEC	3	1	0	0	0	0	0	0	0	0	0	0	2	0	0	2
J/Y	47	15	1	0	6	27	39	0	0	0	5	0	6	0	0	65

W I N D O N T L E D I N G W I N D A N A L Y S I S

268/631 ESTCOURT — ø 29°01'S λ 29°52'E — H 1181M — HA 15M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	6	1·4	19	1·8	7	1·7	19	1·7	1	1·3	18	3·2	10	3·1	93	5·1
FEB	1	1·3	10	1·9	6	1·7	21	1·6	1	1·8	13	2·5	16	3·3	52	4·6
MAR	1	1·3	12	1·7	6	2·1	11	1·6	2	2·9	14	3·2	19	2·6	58	4·3
APR	0	0·0	8	1·5	4	1·6	18	1·4	1	1·3	15	2·6	3	2·4	44	4·0
MAY	0	0·0	1	1·3	1	1·3	3	1·5	0	0·0	0	0·0	3	7·0	30	5·9
JUN	0	0·0	2	1·8	1	1·3	4	2·0	0	0·0	5	3·2	5	3·2	24	5·0
JUL	1	2·2	3	1·3	2	1·3	3	1·5	1	1·3	10	2·6	9	3·0	16	3·3
AUG	4	1·3	6	1·6	11	1·4	12	2·1	0	0·0	5	3·4	11	3·5	46	7·1
SEP	3	2·5	2	1·6	8	2·2	2	2·0	0	0·0	5	3·8	21	4·5	11	4·6
OCT	7	1·7	6	1·7	25	2·1	4	3·0	0	0·0	2	3·6	45	4·8	51	5·5
NOV	7	1·8	9	1·8	24	1·7	9	1·8	11	2·1	22	2·8	48	3·6	46	5·6
DEC	18	1·8	6	2·9	39	1·9	5	1·7	11	2·0	23	2·5	78	5·4	36	4·6
J/Y	48	1·7	84	1·8	134	1·8	111	1·7	28	2·0	132	2·7	268	4·3	507	5·1

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	8	5·3	24	3·0	6	3·0	17	3·0	2	2·5	5	3·6	7	1·8	50	3·0
FEB	10	3·8	18	3·0	11	2·5	5	4·3	1	4·5	2	2·7	3	1·8	12	1·9
MAR	8	2·0	10	2·9	23	2·5	15	2·7	0	0·0	3	4·5	2	1·5	13	1·8
APR	1	4·9	13	3·0	15	2·0	5	3·4	1	4·5	15	3·7	18	3·5	73	3·2
MAY	15	5·9	50	4·8	15	3·2	12	3·0	0	0·0	5	2·1	18	3·6	42	4·0
JUN	1	3·1	19	2·1	30	2·0	2	4·2	0	0·0	0	0·0	8	4·2	11	2·6
JUL	6	2·5	31	2·5	34	2·5	6	2·1	0	0·0	0	0·0	8	2·5	18	2·8
AUG	15	5·5	44	5·3	34	3·1	6	1·7	0	0·0	2	1·8	6	4·6	19	3·5
SEP	15	6·3	18	4·8	17	3·4	3	2·1	0	0·0	3	2·4	14	4·5	6	2·0
OCT	7	5·3	10	3·0	10	4·6	2	1·8	1	1·3	6	4·3	66	4·3	21	3·2
NOV	24	6·5	15	3·0	13	3·0	1	1·3	0	0·0	0	0·0	35	2·3	12	2·5
DEC	19	5·5	10	4·1	20	3·6	8	4·3	1	1·3	4	3·8	57	3·8	13	1·6
J/Y	129	5·3	262	3·8	228	2·9	82	3·0	6	2·8	45	3·4	242	3·6	290	3·0

WINDSPOEDFREKWENSIE — WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	452	76	95	58	52	10	1	0	0	0	0	0	0	
FEB	490	48	74	35	21	4	0	0	0	0	0	0	0	
MAR	547	50	84	45	15	3	0	0	0	0	0	0	0	
APR	485	70	86	54	17	7	0	0	0	0	0	0	0	
MAY	549	39	51	34	54	16	1	0	0	0	0	0	0	
JUN	608	28	52	16	13	3	0	0	0	0	0	0	0	
JUL	596	43	68	31	6	0	0	0	0	0	0	0	0	
AUG	523	49	69	41	28	23	9	2	0	0	0	0	0	
SEP	352	15	45	30	37	1	0	0	0	0	0	0	0	
OCT	481	30	94	56	62	20	1	0	0	0	0	0	0	
NOV	444	58	126	39	34	16	3	0	0	0	0	0	0	
DEC	396	66	141	59	54	24	4	0	0	0	0	0	0	
J/Y	5924	572	985	498	393	127	19	2	0	0	0	0	0	

274/ 34 ALEXANDER BAY — ø 28°34'S λ 16°32'E — H 21M — HA 12M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	0	0·0	0	0·0	0	0·0	1	1·3	0	0·0	2	2·0	26	3·7	269	9·2
FEB	0	0·0	0	0·0	0	0·0	0	0·0	0	0·0	3	2·2	24	4·8	214	7·7
MAR	0	0·0	3	3·0	17	4·6	10	2·1	4	3·4	7	3·5	39	7·3	183	7·6
APR	2	1·3	3	3·0	26	2·1	15	2·2	1	3·1	7	3·6	30	7·0	141	7·6
MAY	5	2·6	11	2·5	77	6·0	26	2·7	3	2·2	16	3·8	15	4·4	66	6·6
JUN	0	0·0	43	5·5	119	4·9	34	3·5	6	2·1	26	3·4	39	5·0	65	4·7
JUL	3	3·4	34	6·7	97	4·7	37	4·6	2	2·7	14	3·4	46	4·7	73	6·0
AUG	3	4·2	33	6·5	86	5·3	22	4·7	10	3·8	7	5·0	72	7·6	102	6·2
SEP	7	2·1	4	2·0	4	16·1	60	5·6	27	3·6	8	2·3	4	2·4	47	6·4
OCT	10	2·9	1	1·3	1	4·0	10	5·3	11	5·1	1	3·1	10	3·0	90	8·9
NOV	0	0·0	0	0·0	0	0·0	4	3·5	2	1·8	4	4·5	10	2·8	95	8·7
DEC	0	0·0	0	0·0	0	0·0	1	1·3	0	0·0	0	0·0	6	2·3	113	8·4
J/Y	30	2·7	132	5·5	427	5·1	220	4·2	66	3·6	95	3·5	321	5·6	1458	7·7

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	169	6·4	109	4·3	31	3·2	14	2·6	2	1·8	4	1·8	2	2·2	2	1·3
FEB	131	5·1	85	3·4	43	3·4	17	3·4	7	1·9	4	1·7	1	2·7	3	2·5
MAR	111	5·1	116	3·8	50	3·9	27	3·1	5	2·4	9	1·8	2	1·6	5	2·2
APR	80	4·6	80	3·7	24	4·1	62	4·1	14	3·2	9	2·3	16	2·4	12	2·2
MAY	28	4·2	25	2·3	15	3·4	67	4·2	25	5·1	52	5·5	39	5·3	78	4·3
JUN	27	3·7	37	2·5	20	3·0	45	3·9	20	3·0	11	2·4	4	3·8	6	3·0
JUL	38	4·8	31	3·5	25	3·4	37	3·8	38	5·1	30	4·2	15	3·6	15	4·0
AUG	54	4·5	59	3·5	28	4·0	35	5·0	30	5·1	24	4·1	17	3·7	1	4·5
SEP	107	9·6	75	5·0	49	3·4	70	3·7	52	4·0	25	4·8	10	3·1	14	2·5
OCT	122	8·2	108	5·9	58	4·4	33	3·8	52	5·0	25	3·5	16	3·3	22	2·3
NOV	248	8·4	102	6·2	46	4·8	23	3·1	24	5·5	8	2·5	14	2·9	2	3·8
DEC	230	7·5	105	4·9	34	3·1	33	3·7	13	8·7	11	5·4	7	4·1	0	0·0
J/Y	1345	6·8	932	4·4	423	3·8	463	3·8	282	4·6	212	4·1	143	3·8	160	3·5

WINDSPOEDFREKWENSIE — WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	113	38	144	134	137	56	46	53	21	2	0	0	0	
FEB	140	50	136	160	87	30	39	27	3	0	0	0	0	
MAR	156	53	178	156	100	36	37	19	9	0	0	0	0	
APR	198	53	186	118	80	37	35	13	0	0	0	0	0	
MAY	196	60	170	133	117	39	18	11	0	0	0	0	0	
JUN	218	56	176	143	95	23	9	0	0	0	0	0	0	
JUL	209	43	162	152	120	44	14	0	0	0	0	0	0	
AUG	161	47	159	154	119	60	33	11	0	0	0	0	0	
SEP	157	51	185	127	87	41	36	32	4	0	0	0	0	
OCT	174	51	124	137	112	76	39	20	11	0	0	0	0	
NOV	138	19	108	126	133	79	58	36	23	0	0	0	0	
DEC	191	31	105	133	130	72	47	30	7	0	0	0	0	
J/Y	2051	552	1831	1674	1317	594	408	253	78	2	0	0	0	

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

290/468 KIMBERLEY WEERKANTOOR WEATHER OFFICE φ 28°48'S λ 24°46'E P BY/AT 1250GPM H 1197M HT 1·2M HR 1·2M L7 L7

1959	P IN MB 08	14	20	T IN °C 08	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	876·2	874·4	873·9	20·9	29·3	24·1	14·9	17·1	15·0	54	29	40	2·5	3·2	3·1
FEB	876·5	875·2	874·9	20·7	29·4	23·2	16·5	18·9	17·4	66	38	58	2·9	3·4	3·7
MAR	878·8	877·0	877·1	19·0	29·2	22·1	14·5	17·6	15·1	61	31	48	2·0	3·2	2·8
APR	878·6	876·6	877·0	14·5	25·3	17·8	11·1	15·6	12·4	66	37	55	2·2	3·0	2·5
MAY	877·4	875·8	876·7	8·2	17·4	10·7	6·3	10·9	7·9	77	46	69	2·5	2·8	1·7
JUN	884·0	882·7	883·2	4·4	18·7	10·0	2·5	10·8	6·2	73	35	57	1·7	1·6	0·4
JUL	884·2	882·8	883·1	6·3	18·2	11·1	4·1	10·7	7·1	73	39	57	1·5	1·8	1·9
AUG	883·2	881·4	881·9	6·9	20·0	11·7	3·4	10·1	5·6	57	25	37	0·7	0·6	0·4
SEP	881·3	879·1	879·3	13·9	25·7	18·2	7·7	13·1	9·4	42	20	28	1·2	1·2	1·5
OCT	877·9	875·5	876·1	17·6	27·1	20·3	11·2	14·8	11·5	45	24	33	2·3	3·2	2·5
NOV	877·5	875·1	875·3	20·7	29·2	22·8	14·6	16·7	14·2	52	27	39	2·5	2·8	2·7
DEC	876·1	874·4	873·9	21·2	26·8	22·3	16·3	17·4	16·0	61	41	54	2·2	3·6	2·4
J/Y	879·3	877·5	877·7	14·5	24·7	17·9	10·3	14·5	11·5	61	33	48	2·0	2·5	2·1

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	31·2	15·7	23·5	-1·6	37·0	22	5·7	13	22·1	13	23·2	23	100·1	25·5	25
FEB	30·5	17·1	23·8	-0·2	35·2	27	8·8	21	18·9	14	22·1	5	80·5	26·9	12
MAR	30·3	14·7	22·5	0·9	34·9	29	4·8	20	19·0	18	20·1	27	17·6	9·3	17
APR	26·4	10·9	18·7	0·6	32·7	2	3·4	9	12·1	30	17·2	3	47·4	12·7	11
MAY	18·4	5·2	11·8	-2·2	25·2	6	-0·3	26	6·6	16	13·3	12	63·0	23·5	12
JUN	19·4	2·4	10·9	0·2	23·4	2	-4·0	25	11·8	24	9·6	7	0·0	0·0	-
JUL	18·9	4·4	11·7	1·2	23·3	12	-0·9	19	8·3	13	11·3	12	12·6	10·6	13
AUG	20·7	3·4	12·1	-1·4	29·0	29	-2·6	8	10·6	16	11·6	29	0·1	0·1	16
SEP	26·5	8·1	17·3	0·9	34·1	29	-2·3	1	16·2	1	18·3	30	0·0	0·0	-
OCT	28·5	12·1	20·3	0·1	37·7	16	-0·5	5	14·8	5	19·4	27	31·9	28·6	20
NOV	30·6	14·9	22·7	0·6	36·8	27	6·6	2	21·6	1	21·9	30	44·2	12·4	8
DEC	29·4	15·5	22·5	-1·6	35·1	30	11·3	7	20·6	12	20·2	16	136·1	37·3	3
J/Y	25·9	10·4	18·1	-0·2	37·7	-	-4·0	-	6·6	-	23·2	-	533·5	37·3	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN ≥0·1	≥1·0	≥10	≥25	VAN /OF RAIN >35	>30	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF %	▲	✱	≡
JAN	9	8	6	1	4	20	0	0	0	0	0	3	9	3	0	0
FEB	8	7	3	1	1	16	0	0	0	0	0	3	8	0	0	0
MAR	9	4	0	0	0	20	0	0	0	0	1	1	7	0	0	0
APR	8	6	3	0	0	8	2	0	0	0	2	0	8	1	0	0
MAY	7	5	3	0	0	0	12	1	0	1	14	0	3	0	1	2
JUN	0	0	0	0	0	0	6	0	1	8	23	0	0	0	0	0
JUL	4	2	1	0	0	0	8	2	0	3	19	0	3	0	0	2
AUG	1	0	0	0	0	0	8	0	1	6	22	0	0	0	0	0
SEP	0	0	0	0	0	6	2	0	0	2	10	0	0	0	0	0
OCT	5	2	1	1	4	13	2	0	0	1	4	0	6	1	0	0
NOV	7	5	3	0	4	19	0	0	0	0	0	1	7	1	0	0
DEC	9	8	5	2	1	17	0	0	0	0	0	1	13	0	0	0
J/Y	67	47	25	5	14	119	40	3	2	21	95	9	64	6	1	4

317/476 UPINGTON WEERKANTOOR WEATHER OFFICE φ 28°26'S λ 21°16'E P BY/AT 800GPM H 814M HT 1·2M HR 1·2M J2 J2

1959	P IN MB 08	14	20	T IN °C 08	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	922·6	920·7	919·7	22·4	32·8	30·2	15·1	18·0	17·1	44	20	23	1·7	2·9	2·2
FEB	922·1	920·6	919·8	23·5	33·7	29·8	16·4	18·4	17·6	47	21	30	1·9	3·4	2·5
MAR	924·7	923·1	922·5	20·4	31·5	27·4	13·8	17·5	15·9	46	21	26	1·9	2·1	1·5
APR	925·5	923·8	923·8	15·4	26·4	21·4	10·8	14·9	13·2	57	27	37	2·2	2·6	1·7
MAY	926·0	924·4	925·0	8·1	18·8	13·5	6·4	10·8	8·9	78	35	54	1·9	2·4	1·0
JUN	932·2	930·5	931·1	7·1	21·1	12·8	5·0	11·7	8·3	72	28	52	1·6	1·1	0·7
JUL	932·3	930·5	930·7	6·3	20·2	12·6	3·6	10·8	6·3	65	28	39	1·7	1·5	1·0
AUG	931·7	929·7	930·0	7·8	21·7	15·1	4·1	11·1	8·3	55	23	36	1·2	0·9	0·5
SEP	929·1	926·6	926·6	13·3	27·0	20·3	6·8	13·1	10·6	36	15	24	1·1	0·9	0·7
OCT	925·9	923·3	923·3	16·7	27·3	23·3	10·6	14·0	12·5	47	18	23	3·0	2·9	1·9
NOV	924·4	921·6	921·4	22·3	32·5	28·3	13·9	17·2	15·9	37	17	24	1·7	2·5	2·2
DEC	923·0	920·6	919·8	23·0	32·2	30·3	15·7	18·2	17·2	46	23	24	1·8	1·8	1·5
J/Y	926·6	924·6	924·5	15·5	27·1	22·1	10·2	14·6	12·7	53	23	33	1·8	2·1	1·5

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	34·5	18·0	26·3	-1·2	39·7	31	10·6	12	24·7	12	24·4	31	9·3	8·3	23
FEB	35·2	20·0	27·6	0·9	41·0	4	16·0	15	22·3	14	26·8	5	25·8	14·5	15
MAR	33·0	17·0	25·0	0·5	37·3	30	6·5	19	22·2	17	24·5	1	5·1	3·0	13
APR	27·5	12·3	19·9	-0·3	35·5	14	4·7	30	13·3	29	21·9	1	14·8	6·5	14
MAY	19·8	5·7	12·7	-2·8	26·1	5	1·8	26	11·7	15	12·5	12	12·8	9·1	12
JUN	21·8	5·2	13·5	1·4	26·4	5	-1·5	25	14·0	24	12·8	6	9·5	9·5	6
JUL	21·0	4·1	12·5	1·6	25·8	11	-4·5	25	13·1	18	14·7	7	1·5	1·5	4
AUG	22·7	4·4	13·5	-0·3	30·7	28	-2·7	9	14·3	7	15·2	14	1·0	1·0	16
SEP	28·2	8·4	18·3	1·4	36·7	29	0·5	2	15·8	12	19·0	29	0·0	0·0	-
OCT	29·0	12·2	20·6	-0·1	38·6	15	2·5	6	16·8	4	18·3	17	7·7	7·1	7
NOV	34·0	16·7	25·3	1·6	38·7	16	8·0	1	21·0	1	23·8	23	11·1	8·1	17
DEC	34·2	18·6	26·4	0·2	40·5	31	12·2	18	25·0	4	25·4	1	14·9	9·2	12
J/Y	28·4	11·9	20·1	0·2	41·0	-	-4·5	-	11·7	-	26·5	-	113·5	14·5	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN ≥0·1	≥1·0	≥10	≥25	VAN /OF RAIN >35	>30	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF %	▲	✱	≡
JAN	3	1	0	0	17	26	0	0	0	0	0	9	2	0	0	0
FEB	7	3	1	0	17	25	0	0	0	0	0	10	4	0	0	0
MAR	4	1	0	0	10	26	0	0	0	0	0	7	2	0	0	0
APR	5	3	0	0	1	13	2	0	0	0	1	3	2	0	0	0
MAY	3	2	0	0	0	0	9	0	0	0	14	0	1	0	0	0
JUN	1	1	0	0	0	0	3	0	0	2	17	0	0	0	0	0
JUL	1	1	0	0	0	0	7	0	3	6	17	0	0	0	0	0
AUG	1	1	0	0	0	1	6	0	1	4	21	0	0	0	0	1
SEP	0	0	0	0	3	15	1	0	0	0	11	0	0	0	0	0
OCT	2	1	0	0	4	14	1	0	0	0	3	0	2	0	0	0
NOV	3	3	0	0	14	27	0	0	0	0	0	6	5	0	0	0
DEC	6	2	0	0	11	26	0	0	0	0	0	10	7	0	0	0
J/Y	36	19	1	0	77	173	29	0	4	12	84	45	25	0	0	1

W I N D O N T L E D I N G W I N D A N A L Y S I S

290/468 KIMBERLEY φ 28°48' S λ 24°46' E H 1197M HA 12M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	94	3·6	48	4·9	24	4·1	12	4·1	13	2·8	10	3·1	23	3·7	22	4·1
FEB	108	3·8	43	4·0	20	3·1	15	2·7	12	2·5	8	4·2	13	3·9	8	3·9
MAR	117	3·6	64	3·8	32	3·0	10	3·8	15	2·2	9	2·4	13	2·5	15	2·3
APR	104	3·4	49	3·7	15	3·7	9	2·5	8	2·5	5	3·2	5	3·0	6	1·9
MAY	147	4·2	63	4·6	9	2·8	12	3·1	4	2·2	3	2·7	22	4·4	24	5·6
JUN	137	2·8	52	2·6	18	2·9	7	1·9	3	2·7	0	0·0	16	2·5	19	2·6
JUL	209	3·7	77	3·5	17	2·8	11	2·7	15	2·6	12	3·4	23	3·4	12	2·9
AUG	136	3·9	57	3·6	11	3·7	5	3·6	7	1·6	7	3·3	35	4·7	27	4·5
SEP	100	3·2	35	3·0	9	3·3	5	2·4	3	2·1	10	2·0	15	2·1	25	4·5
OCT	84	4·4	70	4·6	43	3·3	8	3·4	13	4·0	7	3·7	15	4·8	21	4·4
NOV	106	4·9	52	4·9	17	3·8	8	4·0	13	4·2	23	3·9	31	3·4	25	3·6
DEC	97	3·8	73	4·6	45	3·7	23	2·5	26	2·9	33	3·3	40	3·0	9	3·2
J/Y	1459	3·8	683	4·0	260	3·4	125	3·0	132	2·9	127	3·3	251	3·5	213	3·9

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	21	3·4	21	4·0	53	5·3	66	4·6	64	4·9	40	4·2	47	4·6	66	4·3
FEB	16	3·9	10	3·0	30	3·2	37	3·1	40	3·9	29	4·0	51	4·0	50	4·2
MAR	23	3·5	29	3·9	36	3·7	24	3·9	24	4·3	33	4·6	54	3·9	53	4·2
APR	16	2·9	15	2·3	31	2·8	48	5·0	44	4·4	42	3·1	75	4·2	44	3·1
MAY	29	4·3	28	4·8	40	3·9	57	5·1	68	4·0	47	4·6	42	4·2	35	4·2
JUN	26	2·8	33	3·4	38	4·6	10	3·0	3	2·2	14	3·9	46	2·6	33	2·8
JUL	19	2·8	19	3·0	22	5·1	28	4·4	37	5·5	11	3·5	40	4·7	65	4·2
AUG	49	3·1	30	4·3	68	4·7	46	5·1	28	4·8	15	4·5	28	4·6	46	4·3
SEP	48	4·5	28	3·5	33	3·9	53	4·4	28	3·7	20	5·1	67	3·8	90	3·7
OCT	27	3·0	35	3·7	45	4·0	77	5·5	62	5·6	27	4·6	56	4·5	54	4·9
NOV	29	3·1	45	4·2	75	4·1	25	3·2	19	2·9	21	3·5	67	3·9	76	4·7
DEC	23	3·4	26	3·9	60	4·1	20	3·2	27	3·4	15	3·8	49	4·5	61	4·9
J/Y	326	3·5	319	3·9	531	4·2	491	4·6	444	4·5	314	4·2	622	4·1	673	4·2

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	120	80	143	226	152	19	4	0	0	0	0	0	0	
FEB	182	74	150	182	76	5	3	0	0	0	0	0	0	
MAR	193	66	187	220	74	4	0	0	0	0	0	0	0	
APR	204	73	200	169	56	8	10	0	0	0	0	0	0	
MAY	114	39	176	268	100	43	3	1	0	0	0	0	0	
JUN	265	62	218	159	13	3	0	0	0	0	0	0	0	
JUL	127	51	217	261	66	19	3	0	0	0	0	0	0	
AUG	149	53	154	272	87	26	3	0	0	0	0	0	0	
SEP	151	57	227	192	79	12	2	0	0	0	0	0	0	
OCT	100	51	165	249	134	38	7	0	0	0	0	0	0	
NOV	88	55	181	255	130	11	0	0	0	0	0	0	0	
DEC	117	67	217	222	110	9	2	0	0	0	0	0	0	
J/Y	1810	728	2235	2675	1077	197	37	1	0	0	0	0	0	

317/476 UPINGTON φ 28°26' S λ 21°16' E H 814M HA 13M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	75	6·3	14	4·0	10	4·2	4	5·7	10	2·2	13	3·0	8	3·0	14	3·2
FEB	64	5·2	8	4·1	14	5·2	7	3·5	3	2·5	16	2·9	15	2·9	10	2·7
MAR	130	4·8	44	3·9	22	3·0	9	3·1	26	2·9	3	2·8	23	2·9	2	3·6
APR	93	7·0	38	5·8	19	5·0	23	3·0	41	3·6	10	2·2	15	2·9	5	2·4
MAY	71	6·5	29	4·4	40	2·4	30	3·2	35	3·5	11	3·0	15	4·6	11	5·0
JUN	111	5·5	46	4·1	53	2·4	41	2·4	64	2·4	13	2·9	17	2·2	13	3·1
JUL	145	6·5	32	4·4	48	3·6	48	3·0	44	3·0	8	4·2	10	6·3	4	1·7
AUG	95	7·3	37	5·6	41	3·4	41	2·9	53	3·0	20	4·4	29	3·9	11	3·1
SEP	121	6·8	21	5·9	27	2·4	27	2·6	19	3·3	13	3·1	14	2·7	11	3·6
OCT	26	7·2	10	5·9	11	4·7	16	2·8	48	5·1	13	5·1	19	3·9	14	3·3
NOV	87	7·2	8	6·2	19	4·3	8	5·1	13	3·0	5	4·3	22	4·0	19	3·7
DEC	71	6·0	15	6·6	23	5·3	13	4·3	24	4·6	14	4·4	31	3·5	18	2·7
J/Y	1089	6·3	302	4·9	327	3·5	267	3·0	380	3·4	139	3·6	2·8	3·6	132	3·3

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	28	3·1	100	3·4	139	3·9	50	4·6	21	4·6	11	5·1	16	5·5	52	6·3
FEB	6	2·3	30	3·4	120	3·0	39	3·4	11	3·7	8	3·7	24	3·0	33	4·9
MAR	9	2·6	41	3·6	119	3·6	77	3·1	41	3·3	19	3·0	49	4·8	23	5·8
APR	30	2·9	37	4·3	137	4·4	64	5·2	55	4·5	12	5·1	26	4·6	29	6·4
MAY	40	4·4	55	4·0	72	4·5	51	5·7	45	5·1	21	4·7	47	3·9	34	5·9
JUN	26	2·9	43	4·2	27	4·1	10	2·9	10	2·7	5	4·4	20	3·7	66	5·2
JUL	15	2·7	23	4·1	58	4·2	41	5·3	30	4·2	11	2·9	20	2·9	71	7·1
AUG	31	3·0	40	4·6	59	5·1	39	6·0	31	5·1	5	3·4	29	3·5	52	5·9
SEP	47	3·7	44	4·0	86	4·8	31	3·1	16	3·3	8	2·5	33	3·5	67	6·8
OCT	33	3·6	102	4·7	202	5·1	53	4·9	34	6·1	10	4·4	12	4·7	15	8·9
NOV	39	3·8	91	4·8	160	4·5	42	5·0	18	3·4	14	5·6	32	5·5	26	7·0
DEC	54	3·6	100	4·7	190	4·4	32	5·5	23	4·6	7	4·5	27	5·3	11	7·0
J/Y	358	3·5	706	4·2	1369	4·3	529	4·6	335	4·6	131	4·2	335	4·2	479	6·3

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	179	47	181	159	132	39	5	2	0	0	0	0	0	
FEB	264	65	153	115	60	13	2	0	0	0	0	0	0	
MAR	107	46	275	215	71	26	4	0	0	0	0	0	0	
APR	86	31	192	191	159	55	6	0	0	0	0	0	0	
MAY	137	57	208	140	136	53	12	1	0	0	0	0	0	
JUN	155	72	221	152	91	25	4	0	0	0	0	0	0	
JUL	136	62	150	180	134	66	16	0	0	0	0	0	0	
AUG	131	62	179	164	120	67	19	2	0	0	0	0	0	
SEP	135	63	174	149	130	46	23	0	0	0	0	0	0	
OCT	126	36	148	208	154	58	14	0	0	0	0	0	0	
NOV	117	32	154	186	175	38	15	3	0	0	0	0	0	
DEC	91	27	209	213	139	49	16	0	0	0	0	0	0	
J/Y	1664	600	2244	2072	1501	535	136	8	0	0	0	0	0	

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

331/520 BETHLEHEM LANDBOU AGRIC φ 28°10'S P BY/AT 1600GPM HT 1·2M N2
λ 28°18'E H 1631M HR 1·2M N2

P IN MB / T IN°C / T' IN°C / U IN % / N IN 0-8

1959	P 08	P 14	P 20	T 08	T 14	T 20	T' 08	T' 14	T' 20	U 08	U 14	U 20	N 08	N 14	N 20
JAN	842·3	840·2	840·2	16·4	24·3	18·2	14·0	16·0	13·9	77	42	63	4·8	4·3	4·1
FEB	842·6	840·6	841·1	16·7	25·7	19·1	14·9	17·0	15·4	83	42	69	3·7	5·4	3·9
MAR	844·7	842·4	842·9	14·2	25·3	17·5	12·5	15·7	13·1	82	35	60	3·6	3·9	2·9
APR	844·2	842·2	842·7	10·6	22·3	14·7	9·5	13·8	11·0	87	40	65	3·6	3·3	2·9
MAY	841·8	840·4	841·4	4·5	15·3	8·4	3·9	9·2	6·2	91	47	74	2·6	2·9	1·8
JUN	847·7	846·0	847·1	1·0	17·1	7·7	0·1	8·8	4·6	85	29	62	1·2	1·4	1·3
JUL	848·2	846·8	847·7	1·4	14·8	6·8	0·8	8·0	4·4	89	37	68	1·6	2·0	1·1
AUG	846·8	844·8	845·5	1·7	17·3	8·6	0·3	8·3	4·4	77	24	50	1·0	0·6	0·2
SEP	846·1	843·7	844·4	8·6	21·7	13·7	5·7	10·9	8·0	65	24	45	1·9	1·8	1·1
OCT	843·8	841·8	842·0	13·5	21·1	14·6	10·4	12·9	11·1	69	40	63	3·1	4·1	3·0
NOV	843·6	841·5	842·0	15·5	22·7	16·0	13·0	15·4	13·0	76	46	71	3·7	4·8	3·8
DEC	842·1	840·2	840·7	16·6	23·5	17·0	14·3	16·4	13·9	79	49	72	4·2	4·9	3·2
J/Y	844·5	842·5	843·1	10·1	20·9	13·5	8·3	12·7	9·9	80	38	63	2·9	3·3	2·4

UITERSTE TEMPERATURE / EXTREME TEMPERATURES / NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	25·8	11·8	18·8	-0·6	30·4	22	4·1	14	19·8	13	16·4	28	51·7	14·5	7
FEB	27·1	12·4	19·7	0·6	30·7	27	7·3	22	21·7	15	16·0	8	65·1	29·3	6
MAR	26·2	10·4	18·3	0·8	29·9	29	5·0	21	19·5	18	15·9	30	21·5	6·8	6
APR	23·1	7·0	15·1	1·2	29·0	3	-1·2	9	9·2	300	11·6	22	136·3	32·8	29
MAY	15·9	2·00	8·9	-1·0	21·7	30	-2·8	2	5·8	16	10·2	12	87·0	43·7	17
JUN	17·5	-0·9	8·3	1·9	22·0	2	-4·7	5	11·8	9	7·7	8	4·2	3·9	7
JUL	15·3	-0·7	7·3	1·0	18·6	12	-3·5	31	8·2	17	7·1	14	18·4	7·9	17
AUG	18·0	-1·7	8·1	-0·8	23·4	29	-4·5	1	11·5	31	4·5	8	0·0	0·0	-
SEP	22·5	3·3	12·9	0·2	29·6	29	-6·3	2	8·5	13	12·9	30	1·4	1·1	11
OCT	22·5	7·8	15·1	-0·8	31·2	18	-2·5	6	12·1	20	13·6	27	112·8	43·1	19
NOV	23·7	10·3	17·0	-0·5	30·4	27	3·7	4	11·8	2	14·2	28	105·7	32·0	11
DEC	24·7	12·1	18·4	-0·2	31·5	16	6·7	5	16·4	6	15·6	17	117·4	23·6	30
J/Y	21·9	6·1	14·0	0·1	31·5	-	-6·3	-	5·8	-	16·4	-	721·5	43·7	-

AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN ≥0·1	≥1·0	≥10	≥25	VAN /OF RAIN >35	>30	MAX TEMP <17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ✱	▲	✱	≡
JAN	15	11	1	0	0	1	0	0	0	0	1	0	15	0	0	0
FEB	7	5	2	1	0	4	0	0	0	0	0	0	12	0	0	0
MAR	9	5	0	0	0	0	0	0	0	0	0	0	11	0	0	4
APR	9	8	6	3	0	0	2	1	0	1	6	0	8	2	1	3
MAY	7	6	2	1	0	0	18	3	1	6	28	0	5	1	1	15
JUN	2	1	0	0	0	0	13	0	10	21	28	0	1	0	0	3
JUL	4	4	0	0	0	0	27	2	8	21	29	0	1	0	0	5
AUG	0	0	0	0	0	0	13	0	12	26	31	0	0	0	0	5
SEP	3	1	0	0	0	0	4	1	4	6	16	0	3	0	0	0
OCT	11	9	4	1	0	2	7	0	0	2	7	0	12	0	0	1
NOV	14	10	5	1	0	1	2	0	0	0	1	0	14	3	0	4
DEC	13	12	4	0	0	1	1	0	0	0	0	0	10	0	0	3
J/Y	94	72	24	7	0	9	87	7	35	83	147	0	92	6	2	43

339/720 CAPE ST LUCIA VRT φ 28°30'S P BY/AT 06PM HT 1·2M C9
λ 32°24'E H 107M HR 1·2M C9

P IN MB / T IN°C / T' IN°C / U IN % / N IN 0-8

1959	P 08	P 14	P 20	T 08	T 14	T 20	T' 08	T' 14	T' 20	U 08	U 14	U 20	N 08	N 14	N 20
JAN	1013·3	1011·2	1012·6	23·1	26·5	22·9	21·6	23·6	21·6	87	77	88	5·1	4·2	5·4
FEB	1013·7	1011·8	1013·1	23·4	26·8	23·8	22·1	24·0	22·4	89	78	88	4·1	3·5	4·0
MAR	1016·0	1014·0	1015·1	22·3	26·5	23·3	21·2	23·5	22·1	90	77	89	4·1	3·1	3·6
APR	1016·2	1013·5	1014·7	21·2	26·0	22·7	19·6	22·2	20·8	86	70	84	2·8	2·4	2·2
MAY	1013·7	1011·3	1013·2	17·6	23·7	20·8	16·0	20·3	19·1	84	73	85	3·2	2·2	2·1
JUN	1021·6	1019·6	1021·4	15·8	22·7	19·9	14·4	19·4	18·2	85	73	84	1·4	1·7	1·7
JUL	1023·3	1020·9	1022·5	16·0	21·9	18·9	14·4	18·4	16·8	83	71	80	2·2	1·8	1·8
AUG	1021·4	1018·9	1020·4	15·8	21·3	18·4	14·5	18·2	16·7	86	73	84	2·2	2·3	1·9
SEP	1020·0	1017·2	1019·1	17·5	21·5	19·1	16·0	18·8	17·3	86	76	83	4·1	3·2	2·9
OCT	1017·6	1014·2	1016·0	19·9	22·4	20·0	18·7	20·4	19·0	89	83	90	5·3	4·0	5·5
NOV	1017·0	1014·8	1016·3	21·1	23·0	21·0	19·6	20·8	19·7	87	82	88	5·5	5·7	6·0
DEC	1013·9	1011·9	1013·1	22·5	25·0	22·1	21·2	22·5	20·7	89	80	87	5·6	4·0	6·2
J/Y	1017·3	1014·9	1016·5	19·7	23·9	21·1	18·3	21·0	19·5	87	76	86	3·8	3·2	3·6

UITERSTE TEMPERATURE / EXTREME TEMPERATURES / NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	27·7	20·8	24·3	-0·3	33·5	4	15·2	14	23·4	6	24·1	28	73·9	27·0	6
FEB	28·2	21·1	24·7	0·0	30·6	2	16·0	22	24·5	20	23·8	6	44·5	11·5	16
MAR	27·4	20·8	24·1	0·0	29·8	1	15·5	19	23·0	18	23·6	30	25·2	5·5	9
APR	27·2	19·9	23·5	0·9	31·3	25	14·8	30	21·6	22	22·5	14	12·0	5·0	8
MAY	24·7	18·1	20·4	0·4	29·2	7	12·8	5	17·2	16	21·4	11	67·1	16·0	17
JUN	23·4	14·6	19·0	1·1	25·9	1	10·1	10	20·7	3	19·9	1	4·8	3·0	3
JUL	22·6	14·6	18·6	0·7	27·7	3	11·7	18	17·00	4	16·8	8	108·7	46·0	4
AUG	22·4	14·6	18·5	-0·4	27·8	15	9·4	31	17·0	31	17·8	16	66·2	20·1	16
SEP	22·9	15·6	19·3	-0·7	28·5	21	9·4	1	16·3	13	20·0	8	37·7	13·0	13
OCT	23·4	17·8	20·6	-0·5	28·8	30	11·5	7	18·8	19	21·9	30	219·1	100·0	23
NOV	24·3	18·5	21·4	-1·1	29·8	27	13·3	3	16·3	2	22·4	13	64·4	16·0	8
DEC	26·1	20·0	23·1	-0·4	30·2	17	16·6	3	21·8	2	23·8	17	20·6	7·0	1
J/Y	25·0	17·9	21·5	0·0	33·5	-	9·4	-	16·3	-	24·1	-	744·2	100·0	-

AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN ≥0·1	≥1·0	≥10	≥25	VAN /OF RAIN >35	>30	MAX TEMP <17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ✱	▲	✱	≡
JAN	13	9	3	1	0	5	0	0	0	0	0	21	6	0	0	0
FEB	12	9	1	0	0	2	0	0	0	0	0	21	1	0	0	0
MAR	8	6	0	0	0	0	0	0	0	0	0	22	1	0	0	0
APR	9	4	0	0	0	2	0	0	0	0	0	18	2	0	0	0
MAY	9	9	3	0	0	0	1	0	0	0	0	1	4	0	0	2
JUN	4	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0
JUL	4	3	3	2	0	0	1	0	0	0	0	0	1	0	0	0
AUG	8	6	3	0	0	0	1	0	0	0	0	0	1	0	0	0
SEP	10	7	1	0	0	0	2	0	0	0	0	0	2	0	0	2
OCT	15	13	5	2	0	0	0	0	0	0	0	8	5	1	0	0
NOV	14	10	2	0	0	0	1	0	0	0	0	9	2	0	0	0
DEC	10	8	0	0	0	1	0	0	0	0	0	17	5	0	0	0
J/Y	116	85	21	5	0	10	6	0	0	0	0	117	33	1	0	4

W I N D O N T L E D I N G W I N D A N A L Y S I S

331/520 BETHLEHEM ø 28°10'S λ 28°18'E H 1631M HA 6M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	4	4·9			1	2·1			13	6·4			3	3·1		
FEB	0	0·0			3	2·7			15	6·3			3	4·0		
MAR	3	2·6			4	3·6			18	6·1			3	2·6		
APR	4	5·9			5	3·2			11	5·5			1	2·6		
MAY	0	0·0			2	3·9			1	1·5			3	4·3		
JUN	0	0·0			2	2·1			2	5·9			1	1·5		
JUL	1	2·6			0	0·0			9	3·6			2	3·3		
AUG	0	0·0			1	2·6			4	5·8			7	2·4		
SEP	0	0·0			0	0·0			13	6·2			4	2·2		
OCT	2	2·1			3	3·1			20	7·2			3	4·3		
NOV	2	5·9			6	2·9			18	6·3			3	5·8		
DEC	3	3·6			4	3·9			22	5·0			5	4·9		
J/Y	19	4·2			31	3·1			146	5·9			38	3·4		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	2	3·9			12	5·4			20	5·6			4	4·3		
FEB	3	2·6			8	5·6			11	4·8			3	2·7		
MAR	2	7·7			3	4·0			15	4·9			1	1·5		
APR	1	4·1			5	7·7			13	5·6			7	4·3		
MAY	2	3·3			16	4·1			16	5·3			5	2·7		
JUN	0	0·0			10	5·8			10	4·9			2	3·9		
JUL	1	6·2			8	4·5			9	4·8			2	3·9		
AUG	4	3·2			7	5·1			13	4·2			1	7·7		
SEP	4	2·7			12	5·3			7	5·8			1	2·6		
OCT	2	5·4			11	6·3			11	4·7			8	4·4		
NOV	1	7·7			6	4·8			10	4·0			4	4·5		
DEC	5	3·4			15	5·1			6	4·5			2	6·4		
J/Y	27	4·0			113	5·2			141	5·0			40	4·0		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+ M/SEC
JAN	34	4	15	17	16	7	0	0	0	0	0	0	0
FEB	38	9	8	13	13	2	1	0	0	0	0	0	0
MAR	43	2	18	15	11	2	1	0	0	0	0	0	0
APR	42	2	17	9	11	8	0	0	0	0	0	0	0
MAY	47	7	11	12	15	0	0	0	0	0	0	0	0
JUN	63	5	3	8	9	2	0	0	0	0	0	0	0
JUL	61	3	13	8	7	1	0	0	0	0	0	0	0
AUG	55	8	12	7	9	1	0	0	0	0	0	0	0
SEP	48	7	6	14	9	5	0	0	0	0	0	0	0
OCT	33	5	15	13	19	6	1	1	0	0	0	0	0
NOV	39	6	12	12	14	6	0	0	0	0	0	0	0
DEC	30	4	16	25	15	2	0	0	0	0	0	0	0
J/Y	533	62	146	153	148	42	3	1	0	0	0	0	0

339/720 CAPE ST LUCIA ø 28°30'S λ 32°24'E H 107M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	10	5·5			29	6·1			5	4·3			10	3·2		
FEB	7	6·4			25	6·3			8	3·6			6	2·9		
MAR	10	5·5			34	6·6			3	4·0			2	3·6		
APR	15	7·4			37	7·3			7	2·9			2	1·5		
MAY	10	7·4			14	7·5			0	0·0			1	2·6		
JUN	10	6·4			24	5·6			1	1·5			1	4·6		
JUL	7	7·0			20	6·2			2	2·1			1	1·5		
AUG	10	8·7			26	8·2			2	3·6			1	4·6		
SEP	19	8·2			22	7·7			0	0·0			5	1·7		
OCT	15	8·6			26	8·0			7	4·1			11	3·8		
NOV	12	6·0			26	7·2			5	3·4			5	4·1		
DEC	10	5·9			20	6·9			4	3·4			5	3·3		
J/Y	135	7·1			303	6·9			44	3·5			50	3·2		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	14	6·8			19	8·9			2	3·6			1	9·3		
FEB	16	4·3			9	8·6			3	3·4			1	10·3		
MAR	10	4·8			13	9·7			5	4·4			3	3·8		
APR	5	5·1			12	7·2			4	6·9			4	6·9		
MAY	7	4·1			19	7·8			18	6·1			10	5·9		
JUN	13	4·7			15	8·4			8	6·8			12	6·0		
JUL	7	3·1			18	7·6			12	6·5			9	6·6		
AUG	7	9·6			22	7·1			12	8·0			5	8·3		
SEP	14	7·3			16	9·1			7	7·7			2	4·6		
OCT	8	3·8			8	7·5			1	7·7			3	8·1		
NOV	13	5·7			20	7·8			2	3·1			0	0·0		
DEC	20	5·9			12	7·4			1	4·6			0	0·0		
J/Y	134	5·5			183	8·0			75	6·3			50	6·5		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+ M/SEC
JAN	2	5	17	17	30	12	9	0	0	0	0	0	0
FEB	9	12	11	17	22	10	3	0	0	0	0	0	0
MAR	9	4	12	19	31	9	5	2	0	0	0	0	0
APR	3	8	12	15	25	17	9	0	0	0	0	0	0
MAY	14	8	9	11	32	14	3	0	2	0	0	0	0
JUN	5	7	14	10	40	6	7	0	0	0	0	0	0
JUL	12	7	10	13	33	9	2	0	2	0	0	0	0
AUG	7	1	6	15	31	17	14	0	0	1	0	0	0
SEP	5	10	3	11	31	17	7	4	2	0	0	0	0
OCT	11	3	16	5	30	23	2	0	0	0	0	0	0
NOV	5	7	15	11	27	18	5	0	0	0	0	0	0
DEC	12	7	10	13	27	13	2	0	0	0	0	0	0
J/Y	94	79	135	157	359	165	66	6	6	1	0	0	0

K L I M A A T T A B E L L E . C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE EERSTE ORDE FIRST ORDER STATIONS

362/710 HOOPSTAD TRONK GAOL ø 27°50'S λ 25°54'E P BY/AT 1250GPM H 1239M HT 1·2M HR 1·2M N3 N3

1959	P IN MB 08	14	20	T IN °C 8	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	875·5	873·8	873·3	19·0	28·8	23·8	14·6	17·3	15·6	61	32	44	2·6	3·1	3·2
FEB	876·2	874·6	873·9	19·1	28·7	23·5	16·4	18·7	18·1	77	38	60	2·7	3·5	3·6
MAR	878·6	876·7	876·3	16·2	28·5	21·7	13·6	17·4	15·1	75	31	50	2·3	3·2	1·9
APR	878·1	876·4	876·1	12·6	26·6	18·5	10·3	15·3	12·5	76	28	51	1·6	2·2	1·9
MAY	877·2	875·0	876·2	5·4	18·7	11·4	4·6	11·0	8·0	89	39	64	2·4	2·0	1·4
JUN	883·4	882·0	882·5	1·4	19·3	9·6	0·2	10·7	5·7	81	31	55	1·4	0·9	0·6
JUL	883·8	882·6	881·9	3·3	18·2	11·0	2·1	10·4	7·0	83	36	57	1·8	1·4	1·1
AUG	882·7	881·0	881·4	2·3	20·0	11·5	-	-	-	-	-	-	0·3	0·5	0·1
SEP	881·2	878·6	878·5	9·6	25·7	17·4	5·5	12·9	9·1	53	19	51	0·9	1·3	0·2
OCT	877·8	875·0	875·1	15·9	27·0	20·7	11·5	15·9	13·5	60	32	46	2·0	3·9	2·5
NOV	877·2	874·7	874·3	19·3	28·5	22·6	14·5	16·4	14·9	60	29	45	2·8	4·4	2·9
DEC	875·5	873·5	873·5	20·2	28·4	23·1	16·1	17·9	16·4	67	36	53	2·5	4·2	3·1
J/Y	878·9	877·0	876·9	12·0	24·9	17·9	-	-	-	-	-	-	1·9	2·5	1·9

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	/ EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	30·6	14·9	22·7	-1·3	36·0	22	7·0	14	22·8	24	20·2	20	73·4	14·0	26
FEB	29·8	15·9	22·9	0·0	34·8	27	12·0	26	21·0	15	20·5	11	73·0	24·0	11
MAR	29·3	13·0	21·1	0·4	33·5	28	4·0	19	20·5	18	18·0	30	14·0	7·0	17
APR	27·5	9·5	18·5	1·4	32·0	3	0·8	9	13·5	30	16·0	15	36·4	19·5	28
MAY	19·7	3·8	11·7	-1·3	27·0	10	-0·6	27	8·0	16	13·4	12	46·0	35·0	12
JUN	19·9	0·1	10·0	0·7	25·2	2	-5·2	25	13·4	9	9·8	8	1·0	1·0	7
JUL	19·0	2·2	10·6	1·9	24·2	12	-1·4	16	11·0	13	8·2	12	26·2	18·0	13
AUG	20·8	0·0	10·4	-1·3	28·1	29	-3·4	9	13·2	16	5·4	15	0·0	0·0	-
SEP	26·7	5·4	16·1	0·2	33·2	28	-4·0	2	14·4	13	20·0	30	0·0	0·0	-
OCT	28·4	11·0	19·7	-0·1	36·8	17	-1·5	6	15·0	5	22·8	17	64·7	25·5	19
NOV	30·2	13·8	22·0	0·1	37·6	27	6·6	2	21·8	8	20·0	30	49·6	18·5	17
DEC	29·9	15·5	22·7	-0·7	36·0	15	10·4	5	20·2	6	19·0	21	60·0	14·5	6
J/Y	26·0	8·8	17·4	0·0	37·6	-	-5·2	-	8·0	-	22·8	-	444·3	35·0	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	GIVEN LIMITS VAN /OF ≋	▲	✱	≡
JAN	10	7	5	0	2	18	0	0	0	0	0	1	1	0	0	1
FEB	8	8	2	0	0	16	0	0	0	0	0	1	3	0	0	0
MAR	6	4	0	0	0	14	0	0	0	0	2	0	0	0	0	0
APR	5	3	1	0	0	8	1	0	0	0	3	0	0	0	0	0
MAY	6	6	1	1	0	0	9	1	0	4	24	0	-	-	0	0
JUN	1	1	0	0	0	0	5	0	5	19	27	0	0	0	0	0
JUL	3	2	1	0	0	0	6	0	0	5	26	0	0	0	0	0
AUG	0	0	0	0	0	0	6	0	2	18	30	0	0	0	0	0
SEP	0	0	0	0	0	6	2	0	3	4	15	0	0	0	0	0
OCT	11	8	2	1	4	14	3	0	0	1	5	1	3	0	0	0
NOV	11	6	2	0	3	19	0	0	0	0	0	0	2	0	0	0
DEC	100	9	1	0	2	17	0	0	0	0	0	0	4	0	0	0
J/Y	71	54	15	2	11	112	32	1	10	51	132	3	-	-	0	1

370/765 NEWCASTLE KLOOSTER CONVENT ø 27°45'S λ 29°56'E P BY/AT 1250GPM H 1197M HT 1·2M HR 1·2M E2 E2

1959	P IN MB 08	14	20	T IN °C 8	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	877·2	875·3	875·5	19·2	26·2	19·7	16·1	18·7	16·7	74	50	74	4·5	4·5	4·9
FEB	877·6	876·0	876·2	18·2	27·3	21·1	16·5	19·3	17·7	84	48	73	4·3	4·2	3·3
MAR	879·7	877·8	878·3	16·2	26·7	19·0	14·4	17·6	15·7	83	42	72	3·5	3·4	2·9
APR	879·5	877·3	877·9	14·4	25·8	17·7	12·2	16·2	13·1	79	37	59	3·1	2·4	1·8
MAY	877·2	875·5	876·7	9·9	21·0	12·6	7·1	12·0	8·9	70	34	62	2·5	2·0	1·4
JUN	883·2	881·3	882·4	3·6	21·4	9·9	1·9	11·2	6·0	78	26	56	1·5	1·0	0·7
JUL	884·2	882·4	883·1	3·7	19·5	10·6	2·3	10·8	6·4	80	32	54	2·2	1·7	1·1
AUG	882·7	880·5	881·2	5·5	21·4	11·6	2·8	10·5	6·1	68	23	43	1·7	1·0	0·8
SEP	881·7	879·2	880·2	12·3	24·5	16·0	8·8	12·8	10·2	66	25	500	2·4	2·3	2·1
OCT	879·4	876·7	877·6	17·2	25·3	18·3	12·9	14·9	13·4	64	34	60	3·1	4·3	3·7
NOV	879·6	877·3	878·4	16·8	24·4	17·4	14·5	17·3	14·9	79	50	78	5·1	4·6	5·1
DEC	877·7	875·8	876·0	18·9	25·6	19·8	16·1	18·4	16·5	76	52	72	4·8	5·2	4·9
J/Y	880·0	877·9	878·6	13·0	24·1	16·1	10·5	15·0	12·1	75	38	63	3·2	3·1	2·7

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	/ EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	28·1	14·9	21·5	-0·2	33·1	19	5·4	14	20·6	14	19·2	4	81·3	16·5	13
FEB	28·9	15·1	22·0	0·7	33·6	26	10·4	22	20·7	21	18·0	6	119·3	36·0	15
MAR	28·1	12·8	20·5	0·7	34·2	29	8·2	24	17·7	10	17·2	18	123·1	63·0	5
APR	26·8	11·0	18·9	1·6	32·0	3	2·9	10	16·3	22	16·3	4	43·1	29·2	22
MAY	22·1	6·1	14·1	0·5	29·1	10	-1·3	26	10·9	16	13·7	12	41·1	14·0	16
JUN	22·5	1·1	11·8	1·1	26·8	2	-3·8	28	17·3	25	12·6	3	0·3	0·3	8
JUL	20·6	0·9	10·7	-0·2	27·4	13	-3·7	31	15·3	18	9·7	14	1·7	1·0	17
AUG	22·4	1·2	11·8	-2·2	29·4	30	-3·8	1	8·7	31	11·6	30	1·0	0·9	31
SEP	25·9	6·9	16·4	-0·7	33·1	28	-4·0	2	7·8	13	14·6	8	34·8	25·6	13
OCT	26·8	11·7	19·3	-0·2	36·7	17	1·1	6	13·6	19	21·0	17	115·2	55·6	19
NOV	26·0	12·8	19·4	-1·0	34·3	27	6·8	4	11·0	2	20·7	27	155·8	42·0	8
DEC	27·2	14·7	20·9	-0·7	34·0	15	11·0	3	17·5	18	18·5	17	122·4	33·7	17
J/Y	25·5	9·1	17·3	0·0	36·7	-	-4·0	-	7·8	-	21·0	-	839·1	63·0	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	GIVEN LIMITS VAN /OF ≋	▲	✱	≡
JAN	17	11	2	0	0	9	0	0	0	0	0	0	17	4	0	0
FEB	13	9	5	2	0	11	0	0	0	0	0	0	8	0	0	4
MAR	10	6	2	2	0	10	0	0	0	0	0	0	6	1	0	1
APR	4	3	2	1	0	6	2	0	0	0	1	0	4	0	0	3
MAY	7	6	2	0	0	0	5	0	0	3	13	0	1	0	0	2
JUN	1	0	0	0	0	0	1	0	5	17	24	0	0	0	0	0
JUL	3	1	0	0	0	0	4	0	5	17	25	0	2	0	0	2
AUG	2	0	0	0	0	0	4	1	3	14	25	0	0	0	1	2
SEP	4	2	1	1	0	8	3	1	1	3	10	0	4	0	1	2
OCT	13	11	3	1	1	11	2	0	0	0	2	1	13	1	0	1
NOV	22	16	2	2	0	4	2	0	0	0	0	1	15	1	0	0
DEC	18	12	4	2	0	9	0	0	0	0	0	0	13	3	0	0
J/Y	114	77	23	11	1	68	23	2	14	54	100	2	83	10	2	17

W I N D O N T L E D I N G W I N D A N A L Y S I S

362/710 HOOPSTAD ø 27°50' S λ 25°54' E H 1239M HA SM

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	17	4·6			20	2·8			4	1·5			4	1·5		
FEB	11	1·8			11	2·4			6	2·1			3	2·6		
MAR	10	4·3			11	2·4			9	1·9			10	1·9		
APR	16	5·0			5	2·8			6	2·1			3	1·5		
MAY	20	5·4			3	2·6			5	2·2			8	1·5		
JUN	10	3·3			2	1·5			1	4·6			8	1·5		
JUL	12	3·3			11	2·4			10	3·1			8	1·5		
AUG	8	3·9			1	4·6			7	2·0			10	1·5		
SEP	16	3·0			4	2·3			7	2·0			7	1·5		
OCT	20	6·0			9	2·2			17	2·5			11	3·2		
NOV	24	4·3			6	2·1			15	4·0			8	1·5		
DEC	19	4·1			8	4·6			18	3·3			5	1·5		
J/Y	183	4·3			91	2·6			105	2·7			85	1·8		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	7	3·3			2	4·6			4	3·9			13	4·5		
FEB	1	1·5			2	1·5			2	3·1			10	4·3		
MAR	7	2·0			2	1·5			3	1·5			4	5·3		
APR	3	1·5			3	2·6			6	2·6			14	4·6		
MAY	9	1·9			4	3·1			7	3·8			4	4·0		
JUN	14	1·8			7	2·4			9	2·2			4	1·5		
JUL	21	2·0			3	1·5			6	2·1			5	2·8		
AUG	28	2·1			8	3·3			7	2·4			2	1·5		
SEP	18	1·9			6	3·5			8	2·3			9	2·4		
OCT	4	2·3			7	3·3			8	3·8			8	6·0		
NOV	6	2·1			2	10·3			7	2·4			6	3·6		
DEC	7	2·9			7	2·8			9	2·2			7	1·5		
J/Y	125	2·1			53	3·1			76	2·7			86	3·8		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+ M/SEC
JAN	22	37	0	25	6	2	1	0	0	0	0	0	0
FEB	38	31	0	14	1	0	0	0	0	0	0	0	0
MAR	37	42	0	10	2	2	0	0	0	0	0	0	0
APR	34	33	0	14	3	5	1	0	0	0	0	0	0
MAY	33	35	0	18	1	5	1	0	0	0	0	0	0
JUN	35	45	0	9	0	1	0	0	0	0	0	0	0
JUL	17	60	0	13	1	2	0	0	0	0	0	0	0
AUG	22	58	0	8	3	1	1	0	0	0	0	0	0
SEP	15	60	1	10	2	2	0	0	0	0	0	0	0
OCT	9	44	0	24	8	6	2	0	0	0	0	0	0
NOV	16	40	0	22	10	2	0	0	0	0	0	0	0
DEC	13	52	0	17	8	2	1	0	0	0	0	0	0
J/Y	291	537	1	184	45	30	7	0	0	0	0	0	0

370/765 NEWCASTLE ø 27°45' S λ 29°56' E H 1197M HA SM

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	15	3·3			1	1·5			5	2·2			23	2·0		
FEB	4	2·7			4	2·0			4	3·5			12	2·2		
MAR	5	1·9			1	1·5			6	3·1			7	2·0		
APR	8	4·6			7	2·4			1	4·6			8	2·0		
MAY	12	4·5			2	6·2			1	1·5			8	1·9		
JUN	4	3·1			0	0·0			2	1·5			6	2·3		
JUL	5	2·8			3	2·1			3	1·5			11	3·2		
AUG	16	3·2			4	3·1			4	3·1			12	1·9		
SEP	10	3·7			4	1·9			3	2·6			12	2·8		
OCT	15	4·0			6	2·3			3	3·6			19	2·3		
NOV	11	3·2			3	2·1			5	1·9			18	2·5		
DEC	9	2·6			4	1·9			7	3·1			19	3·3		
J/Y	114	2·7			39	2·5			44	2·7			155	2·4		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	4	2·7			1	1·5			5	2·2			7	3·3		
FEB	8	1·9			0	0·0			3	3·6			0	0·0		
MAR	8	2·7			2	1·5			4	4·6			4	4·3		
APR	13	2·4			1	6·2			6	4·4			13	4·3		
MAY	7	2·2			4	6·2			6	4·6			13	5·0		
JUN	12	1·8			1	1·5			6	3·3			10	4·5		
JUL	11	2·0			2	2·3			13	4·7			15	2·6		
AUG	12	2·7			0	0·0			11	3·8			4	6·9		
SEP	12	2·2			2	1·5			7	2·9			13	4·9		
OCT	9	1·5			5	4·0			8	4·1			16	4·7		
NOV	10	2·3			3	2·1			6	2·6			16	3·9		
DEC	11	2·0			0	0·0			7	2·6			13	5·0		
J/Y	117	2·2			21	3·3			82	3·7			124	4·3		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+ M/SEC
JAN	31	42	7	9	1	2	0	0	0	0	0	0	0
FEB	49	23	7	2	3	0	0	0	0	0	0	0	0
MAR	56	18	10	7	2	0	0	0	0	0	0	0	0
APR	33	22	17	7	11	0	0	0	0	0	0	0	0
MAY	40	24	7	8	10	5	0	0	0	0	0	0	0
JUN	49	26	6	3	5	1	0	0	0	0	0	0	0
JUL	30	34	15	7	5	1	1	0	0	0	0	0	0
AUG	30	33	14	6	7	2	1	0	0	0	0	0	0
SEP	27	38	7	5	11	1	1	0	0	0	0	0	0
OCT	12	43	11	12	13	1	1	0	0	0	0	0	0
NOV	18	38	19	9	5	1	0	0	0	0	0	0	0
DEC	23	39	13	5	10	1	2	0	0	0	0	0	0
J/Y	398	380	133	80	83	15	6	0	0	0	0	0	0

K L I M A A T T A B E L L E — C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE EERSTE ORDE — FIRST ORDER STATIONS

593/778 KURUMAN — TRONK φ 27°28'S P BY/AT 1300GPM HT 1·2M N4
GADL λ 23°26'E H 1312M HR 1·2M N4

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	871·2	869·6	869·2	19·8	28·7	23·2	-	17·6	15·8	-	32	47	2·7	3·5	3·6
FEB	871·4	869·9	869·7	19·5	28·3	23·0	-	-	-	-	-	-	3·2	4·2	4·3
MAR	873·6	871·8	871·7	16·7	27·9	20·8	-	17·7	15·3	-	36	56	2·1	2·7	2·1
APR	872·7	870·9	872·8	11·2	25·2	16·3	-	15·5	11·3	-	36	55	1·5	2·0	0·7
MAY	871·9	870·4	871·5	4·7	18·4	9·6	-	11·0	-	-	39	-	1·1	1·7	0·5
JUN	878·1	876·7	877·4	3·1	19·7	9·3	-	11·3	-	-	34	-	1·8	1·5	0·5
JUL	878·6	877·0	877·3	2·6	18·6	9·6	-	10·4	5·7	-	33	55	1·6	1·7	1·2
AUG	877·5	875·8	876·3	5·2	20·2	11·0	-	-	-	-	-	-	0·3	0·5	0·0
SEP	875·9	873·9	874·1	10·7	25·6	16·9	-	-	-	-	-	-	0·4	1·0	0·6
OCT	872·4	870·1	870·5	17·2	27·1	19·8	-	15·3	11·9	-	26	38	2·3	3·1	2·1
NOV	871·9	869·9	869·8	20·0	29·7	23·1	-	16·9	14·5	-	26	39	2·8	2·9	2·9
DEC	870·8	869·3	868·9	20·6	28·2	23·5	-	17·7	16·4	-	36	50	1·9	2·7	2·6
J/Y	873·8	872·1	872·4	12·4	24·8	17·2	-	-	-	-	-	-	1·8	2·3	1·8

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	/ EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·9	14·0	21·9	-1·8	33·8	6	7·7	13	22·9	13	18·7	7	81·6	22·0	24
FEB	29·7	15·5	22·6	-0·5	34·0	27	12·2	26	19·3	14	19·2	5	113·0	50·0	14
MAR	28·7	12·4	20·5	-0·4	33·2	25	6·0	19	21·5	18	17·1	3	27·0	13·0	7
APR	25·8	8·6	17·2	0·1	31·0	2	1·6	30	11·7	30	15·4	11	41·5	29·0	28
MAY	18·9	3·2	11·1	-1·9	23·5	10	-1·2	23	11·6	16	12·8	12	48·5	26·5	12
JUN	20·2	1·9	11·1	1·0	23·9	4	-3·6	26	13·5	24	10·5	30	4·0	4·0	7
JUL	19·2	1·5	10·3	0·5	22·1	11	-3·2	15	8·5	13	9·7	4	3·0	2·0	13
AUG	20·8	1·1	10·9	-1·1	26·8	29	-3·8	6	12·7	16	5·9	15	0·0	0·0	-
SEP	26·2	5·5	15·9	0·0	33·0	29	-4·6	2	16·0	13	14·5	30	0·0	0·0	-
OCT	28·0	10·7	19·3	0·0	35·0	17	0·2	6	15·8	4	19·8	17	19·7	5·5	20
NOV	30·6	13·6	22·1	0·6	35·6	28	7·9	2	23·2	1	21·1	30	29·2	10·0	16
DEC	29·7	15·1	22·4	-0·5	33·7	23	10·5	19	21·4	4	19·2	1	112·8	35·6	3
J/Y	25·6	8·6	17·1	-0·4	35·6	-	-4·6	-	8·5	-	21·1	-	480·3	50·0	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	▲	▲	▲	≡
JAN	10	9	4	0	0	16	0	0	0	0	0	0	10	0	0	0
FEB	12	100	3	2	0	18	0	0	0	0	0	0	13	0	0	0
MAR	5	4	1	0	0	10	0	0	0	0	0	0	6	0	0	0
APR	6	6	1	1	0	2	3	0	0	0	4	0	3	0	0	0
MAY	3	3	2	1	0	0	10	0	0	0	5	25	0	3	0	0
JUN	1	1	0	0	0	0	4	0	3	11	22	0	0	0	0	0
JUL	3	1	0	0	0	0	6	2	1	11	26	0	1	0	0	0
AUG	0	0	0	0	0	0	7	0	1	9	28	0	0	0	0	0
SEP	0	0	0	0	0	5	1	0	1	4	12	0	0	0	0	0
OCT	7	6	0	0	0	14	1	0	0	0	4	0	6	0	0	0
NOV	8	6	1	0	2	18	0	0	0	0	0	1	5	0	0	0
DEC	9	9	4	2	0	18	0	0	0	0	0	0	9	0	0	0
J/Y	64	55	16	6	2	100	32	2	6	40	121	1	56	0	0	0

410/203 PONGOLA — φ 27°23'S P BY/AT 0GPM HT 1·2M N8
λ 31°37'E H 300M HR 1·2M N8

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	1014·6	1011·1	1012·9	22·8	28·6	23·5	20·0	21·7	20·5	76	53	75	5·4	5·5	6·4
FEB	1015·3	1011·4	1013·4	23·0	29·3	23·9	20·2	22·1	20·6	76	52	73	4·6	4·0	4·1
MAR	1017·4	1013·3	1015·7	21·9	29·9	23·2	19·5	21·2	19·7	79	43	71	4·3	3·5	2·2
APR	1017·8	1012·8	1015·9	20·6	30·1	22·8	18·0	19·9	18·7	77	35	66	3·6	3·3	2·0
MAY	1016·0	1011·5	1014·6	16·1	26·2	19·0	13·5	16·7	15·1	73	35	65	1·6	2·1	1·5
JUN	1023·9	1019·9	1022·5	12·8	24·1	17·6	11·2	15·9	13·6	81	38	62	1·6	1·6	1·0
JUL	1025·1	1021·0	1023·6	13·8	24·1	17·7	11·8	15·8	13·8	78	37	63	2·1	2·4	1·6
AUG	1023·7	1019·6	(1022·5)	14·2	25·1	(17·8)	11·9	15·5	(13·7)	75	31	(62)	1·8	2·0	(1·5)
SEP	1022·2	1016·5	(1019·2)	17·0	25·9	(20·4)	14·2	16·8	(15·5)	73	37	(59)	3·5	2·5	(2·6)
OCT	1019·0	1013·7	1015·7	20·2	27·2	21·5	17·4	19·0	17·7	74	44	68	5·4	4·5	4·0
NOV	1018·4	1014·3	1016·5	20·7	25·8	21·5	18·0	20·0	18·5	76	57	75	6·9	5·8	5·4
DEC	1015·7	1012·2	1014·1	22·4	27·5	22·8	19·8	21·8	20·0	78	60	77	5·8	6·0	6·5
J/Y	1019·1	1014·8	(1017·2)	18·8	27·0	(21·0)	16·3	18·9	(17·3)	76	43	(68)	5·9	3·6	(3·2)

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	/ EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·6	19·3	24·5	-	37·4	28	12·6	15	22·7	29	23·1	27	149·3	56·2	28
FEB	30·3	19·8	25·1	-	35·5	5	15·1	22	25·5	20	23·1	7	37·2	10·0	18
MAR	30·6	18·4	24·5	-	35·3	29	14·5	24	23·7	10	21·8	8	39·3	17·0	8
APR	30·5	17·5	24·0	-	37·8	25	12·8	27	24·2	22	21·1	11	4·3	4·0	29
MAY	27·1	12·0	19·5	-	35·5	8	8·8	1	18·2	16	19·1	12	76·8	32·3	17
JUN	25·1	9·7	17·4	-	29·7	24	5·8	10	22·0	3	14·3	4	0·4	0·4	8
JUL	25·0	10·8	17·9	-	28·7	13	6·7	22	19·4	9	15·7	17	1·2	1·00	26
AUG	26·0	10·7	18·3	-	35·6	29	7·1	18	18·8	31	16·8	26	12·6	9·5	16
SEP	26·9	13·3	20·1	-	34·4	21	7·4	15	13·9	13	17·8	28	37·1	30·4	13
OCT	28·3	16·8	22·5	-	37·8	16	8·4	6	17·8	20	21·5	18	68·9	22·4	19
NOV	27·3	17·7	22·5	-	37·4	27	12·8	3	18·8	2	20·8	13	109·2	58·5	14
DEC	29·2	19·3	24·3	-	37·8	16	15·9	8	20·1	18	23·0	22	124·3	50·4	17
J/Y	28·0	15·4	21·7	-	37·8	-	5·8	-	13·9	-	23·1	-	660·6	58·5	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN 20·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	▲	▲	▲	≡
JAN	12	10	4	2	4	15	0	0	0	0	0	14	8	0	0	0
FEB	7	5	1	0	1	15	0	0	0	0	0	15	4	0	0	0
MAR	6	6	2	0	2	18	0	0	0	0	0	9	5	0	0	0
APR	2	1	0	0	1	19	0	0	0	0	0	6	2	0	0	0
MAY	6	6	3	2	1	6	0	0	0	0	0	0	4	0	0	8
JUN	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3
JUL	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
AUG	4	3	0	0	1	4	0	0	0	0	0	0	1	0	0	2
SEP	2	2	1	1	0	9	2	0	0	0	0	0	3	0	0	2
OCT	11	9	3	0	4	11	0	0	0	0	0	3	9	0	0	0
NOV	11	10	2	1	1	9	0	0	0	0	0	2	9	1	0	0
DEC	13	9	4	1	3	15	0	0	0	0	0	9	5	1	0	0
J/Y	77	62	20	7	18	121	2	0	0	0	0	58	51	2	0	16

W I N D O N T L E D I N G W I N D A N A L Y S I S

393/778 KURUMAN ø 27°28' S λ 23°26' E H 1312M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	28	3·4			3	2·6			4	3·2			6	3·0		
FEB	18	2·6			0	0·0			4	2·6			6	3·0		
MAR	10	3·1			1	2·6			6	2·6			12	3·2		
APR	10	2·8			1	2·6			0	0·0			3	2·6		
MAY	10	3·3			0	0·0			1	2·6			5	3·1		
JUN	7	3·2			1	2·6			3	2·6			7	3·3		
JUL	11	3·0			3	3·4			5	2·6			1	2·6		
AUG	9	3·4			3	3·4			3	2·6			12	3·9		
SEP	10	2·8			1	2·6			3	2·6			8	2·9		
OCT	18	3·4			1	2·6			10	2·8			12	3·9		
NOV	20	3·4			7	3·3			6	3·0			9	3·7		
DEC	21	3·4			5	3·1			7	2·9			10	3·1		
J/Y	172	3·2			26	3·1			52	2·7			91	3·3		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	4	3·2			2	5·1			10	2·8			9	4·0		
FEB	2	2·6			2	2·6			3	2·6			9	3·2		
MAR	4	3·2			4	2·6			4	3·2			6	3·0		
APR	3	3·4			3	3·4			4	3·2			11	4·0		
MAY	10	3·6			7	3·3			3	2·6			10	4·1		
JUN	7	3·3			1	2·6			6	3·0			6	3·0		
JUL	4	2·6			4	2·6			5	3·6			10	3·3		
AUG	3	3·4			9	2·6			2	5·1			10	4·4		
SEP	6	3·9			3	2·6			8	4·8			6	5·1		
OCT	4	3·9			7	2·9			11	4·0			12	4·1		
NOV	0	0·0			6	3·0			10	3·9			10	3·9		
DEC	4	2·6			7	3·3			7	4·1			16	3·4		
J/Y	51	3·3			55	3·0			73	3·6			115	3·8		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	27	0	47	18	1	0	0	0	0	0	0	0	0	
FEB	40	0	41	3	0	0	0	0	0	0	0	0	0	
MAR	46	0	39	8	0	0	0	0	0	0	0	0	0	
APR	44	0	25	10	0	0	0	0	0	0	0	0	0	
MAY	47	0	32	12	2	0	0	0	0	0	0	0	0	
JUN	52	0	30	8	0	0	0	0	0	0	0	0	0	
JUL	50	0	35	8	0	0	0	0	0	0	0	0	0	
AUG	42	0	36	10	5	0	0	0	0	0	0	0	0	
SEP	45	0	30	12	3	0	0	0	0	0	0	0	0	
OCT	18	0	48	25	2	0	0	0	0	0	0	0	0	
NOV	21	0	43	25	0	0	0	0	0	0	0	0	0	
DEC	16	0	57	18	2	0	0	0	0	0	0	0	0	
J/Y	448	0	463	157	15	0	0	0	0	0	0	0	0	

410/203 PONGOLA ø 27°23' S λ 31°37' E H 300M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	10	3·6			23	3·8			14	3·1			7	3·8		
FEB	10	3·2			15	3·3			13	3·0			10	3·6		
MAR	13	3·4			16	3·4			9	3·6			12	3·7		
APR	20	3·9			20	4·1			6	3·5			6	3·8		
MAY	8	2·8			8	4·1			6	2·9			6	3·1		
JUN	9	2·7			9	2·6			12	2·7			3	3·6		
JUL	5	3·9			12	3·4			5	3·1			8	4·5		
AUG	6	3·2			9	2·9			7	2·9			10	4·6		
SEP	7	4·1			20	4·6			7	3·1			10	3·8		
OCT	17	4·4			22	4·8			10	4·6			12	4·0		
NOV	10	3·8			13	3·4			4	2·9			14	4·3		
DEC	10	4·6			11	3·9			5	3·6			8	5·8		
J/Y	125	3·7			178	3·8			98	3·2			106	4·1		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	19	4·6			0	0·0			0	0·0			0	0·0		
FEB	11	3·6			1	2·6			1	1·5			1	1·5		
MAR	11	4·5			1	3·6			0	0·0			1	3·6		
APR	10	3·9			6	4·0			0	0·0			3	6·3		
MAY	11	3·5			6	3·5			5	4·5			4	3·8		
JUN	9	3·0			3	3·8			1	2·6			0	0·0		
JUL	10	3·2			6	2·6			3	3·8			1	1·5		
AUG	11	3·7			2	3·3			2	5·4			1	5·1		
SEP	11	4·6			2	5·4			3	2·2			1	2·1		
OCT	11	3·8			1	3·1			0	0·0			0	0·0		
NOV	14	4·3			1	5·1			1	5·1			1	2·6		
DEC	9	5·8			1	4·1			0	0·0			0	0·0		
J/Y	137	3·8			30	3·6			16	4·1			13	3·9		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	18	1	33	28	10	1	0	0	0	0	0	0	0	
FEB	21	5	35	18	4	0	0	0	0	0	0	0	0	
MAR	28	3	27	22	11	0	0	0	0	0	0	0	0	
APR	19	8	25	23	13	2	0	0	0	0	0	0	0	
MAY	38	7	21	21	4	1	0	0	0	0	0	0	0	
JUN	43	7	27	12	0	0	0	0	0	0	0	0	0	
JUL	39	5	22	19	4	0	0	0	0	0	0	0	0	
AUG	33	3	26	13	4	2	0	0	0	0	0	0	0	
SEP	20	4	26	21	5	5	0	0	0	0	0	0	0	
OCT	14	5	27	21	17	3	0	0	0	0	0	0	0	
NOV	27	1	29	19	9	0	0	0	0	0	0	0	0	
DEC	34	0	12	21	10	1	0	0	0	0	0	0	0	
J/Y	534	49	310	238	91	15	0	0	0	0	0	0	0	

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

413/158 DIAZ POINT SWA VRT

φ 26°38'S P BY/AT 06GPM HT 1·2M M6
λ 15°06'E H 23M HR 1·2M M6

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	1011·8	1011·0	1010·8	15·5	19·2	16·4	14·0	16·0	15·0	84	70	85	2·5	1·5	2·0
FEB	1011·5	1011·2	1010·6	15·5	18·9	16·8	14·6	16·0	15·4	90	73	86	3·1	1·8	2·1
MAR	1012·6	1012·1	1011·9	15·0	19·1	16·5	13·8	15·9	15·0	87	70	84	2·0	0·9	1·4
APR	1014·1	1013·1	1013·3	13·3	18·1	15·1	12·1	14·6	13·5	86	67	83	2·8	1·9	2·0
MAY	1015·6	1015·1	1015·4	12·6	16·3	14·0	10·9	13·1	12·5	80	68	83	3·4	2·6	2·8
JUN	1017·9	1017·4	1017·8	13·3	16·4	14·3	11·0	13·2	12·0	74	68	75	3·3	2·3	2·8
JUL	1020·1	1019·5	1019·7	12·5	15·9	13·5	9·9	12·6	11·6	70	66	78	1·9	1·0	1·2
AUG	1019·9	1019·0	1019·0	13·1	16·7	14·4	10·3	12·5	11·7	68	58	71	2·6	1·9	1·1
SEP	1016·9	1016·0	1016·0	11·7	15·9	13·1	10·3	13·0	11·6	83	70	82	3·3	1·7	1·8
OCT	1016·8	1015·2	1015·5	12·8	15·9	13·7	11·5	13·7	12·5	85	77	86	3·5	2·3	2·4
NOV	1014·0	1012·7	1012·8	14·2	17·6	14·3	12·8	14·7	13·5	84	71	89	2·7	1·5	1·8
DEC	1013·2	1012·4	1011·9	15·0	17·7	15·5	13·6	15·2	14·4	85	75	88	2·5	1·3	1·9
J/Y	1015·4	1014·6	1014·6	13·7	17·3	14·8	12·1	14·2	13·2	81	69	83	2·8	1·7	1·9

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	20·6	15·6	17·1	-1·0	24·4	20	12·0	16	17·0	27	17·5	12	0·0	0·0	-
FEB	20·5	14·3	17·4	-1·1	24·4	28	12·7	2	16·8	25	16·6	18	0·0	0·0	-
MAR	20·7	14·0	17·3	-0·8	27·0	14	9·6	22	17·5	21	16·5	17	0·0	0·0	-
APR	19·4	12·5	16·0	-1·0	25·4	16	10·0	14	14·5	23	15·0	4	0·2	0·2	17
MAY	17·6	11·6	14·6	-1·3	27·5	17	8·4	6	13·2	28	17·5	17	10·4	6·2	23
JUN	19·3	11·8	15·5	0·2	27·1	12	8·0	21	13·0	20	18·1	13	2·5	2·5	5
JUL	18·4	10·5	14·5	0·2	25·0	26	7·5	25	12·8	16	13·5	2	0·2	0·2	12
AUG	19·1	11·3	15·2	1·3	32·8	20	8·4	8	12·6	11	18·2	21	0·0	0·0	-
SEP	17·6	10·6	14·1	0·0	26·8	28	8·0	17	12·0	17	15·8	1	0·0	0·0	-
OCT	17·2	11·3	14·2	-0·9	23·8	5	8·6	7	11·7	6	12·8	18	0·0	0·0	-
NOV	18·5	12·2	15·3	-1·0	23·5	2	8·8	4	13·6	26	15·0	6	0·0	0·0	-
DEC	19·0	13·0	16·0	-1·5	23·0	17	11·5	29	14·0	19	14·5	17	0·0	0·0	-
J/Y	19·0	12·2	15·6	-0·6	32·8	-	7·5	-	11·7	-	18·2	-	13·3	6·2	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	⚡	▲	✕	≡
JAN	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	15
FEB	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	18
MAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
APR	1	0	0	0	0	0	6	0	0	0	0	0	0	0	0	10
MAY	4	3	0	0	0	0	17	0	0	0	0	0	0	0	0	6
JUN	1	1	0	0	0	0	13	0	0	0	0	0	2	0	0	11
JUL	1	0	0	0	0	0	15	0	0	0	0	0	0	0	0	12
AUG	0	0	0	0	0	2	19	0	0	0	0	0	0	0	0	6
SEP	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	13
OCT	0	0	0	0	0	0	13	0	0	0	0	0	1	0	0	8
NOV	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	9
DEC	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	10
J/Y	7	4	0	0	0	2	112	0	0	0	0	0	3	0	0	130

419/184 KEETMANSHOOP SWA WEERKANTOOR WEATHER OFFICE

φ 26°34'S P BY/AT 1100GPM HT 1·2M J7
λ 18°07'E H 1066M HR 1·2M J7

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	891·7	890·1	888·9	21·0	32·4	29·4	13·0	16·6	15·3	38	15	18	2·6	2·5	2·8
FEB	891·4	890·2	889·0	22·3	33·1	30·2	14·8	17·9	16·9	44	19	24	2·0	2·7	3·6
MAR	893·2	892·0	890·8	19·5	31·1	27·8	12·6	16·3	15·4	43	17	23	1·8	2·0	2·4
APR	893·3	892·2	891·6	15·6	26·7	22·8	9·8	14·0	12·5	49	20	26	2·0	1·6	1·4
MAY	892·9	891·9	892·0	8·0	19·6	15·1	4·5	9·7	7·6	57	23	31	2·0	1·3	1·0
JUN	898·1	897·3	897·2	9·1	20·9	16·7	5·1	10·9	8·3	52	25	30	1·2	1·6	1·7
JUL	898·4	897·7	897·3	7·4	20·1	15·0	3·5	9·7	7·2	51	20	27	0·8	0·6	0·8
AUG	897·9	897·0	896·5	9·2	21·3	16·7	4·4	10·2	8·0	46	18	24	0·8	0·4	0·8
SEP	895·9	894·7	893·8	14·5	27·1	22·5	6·9	12·5	10·4	29	12	15	0·6	1·0	1·1
OCT	893·4	891·7	891·1	16·0	27·6	23·5	9·0	13·2	11·3	38	13	17	2·2	2·0	1·8
NOV	892·6	890·6	889·9	20·3	31·9	28·1	12·3	16·0	14·6	37	14	19	1·3	2·2	2·4
DEC	891·2	889·5	888·3	21·2	32·6	30·2	13·4	16·8	15·5	39	15	17	0·9	1·6	0·9
J/Y	894·2	892·9	892·2	15·3	27·0	23·1	9·1	13·7	11·9	44	18	25	1·5	1·6	1·7

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	34·5	17·3	25·9	-1·0	37·8	30	8·9	12	26·7	12	23·3	300	10·6	3·1	23
FEB	35·1	19·3	27·2	1·3	39·7	4	13·8	15	28·2	14	24·4	5	14·2	8·1	6
MAR	33·0	16·9	24·9	0·5	36·5	30	6·9	18	23·0	18	22·0	1	14·2	6·5	14
APR	28·5	13·5	21·0	0·2	35·6	1	2·0	30	15·0	29	20·9	1	9·9	9·5	15
MAY	21·2	6·3	13·7	-3·1	27·0	28	0·9	16	13·8	15	10·6	2	0·5	0·4	20
JUN	22·1	7·8	14·9	0·8	27·6	5	2·5	9	14·4	24	12·0	6	3·4	2·6	6
JUL	21·5	6·2	13·9	0·6	26·0	7	0·2	25	12·7	17	12·8	6	0·0	0·0	-
AUG	22·9	7·3	15·1	0·0	29·6	28	-0·9	17	14·5	16	15·0	11	0·0	0·0	-
SEP	28·8	11·5	20·1	1·2	35·2	28	0·7	13	16·7	12	20·9	20	0·0	0·0	-
OCT	29·6	11·9	20·7	-0·6	38·5	25	3·0	4	18·1	3	20·3	26	4·0	4·0	19
NOV	33·9	15·8	24·9	0·9	38·5	26	8·0	1	24·7	1	21·5	22	3·9	3·8	22
DEC	34·7	17·5	26·1	0·5	39·2	31	10·9	18	26·0	4	23·5	3	5·3	4·5	12
J/Y	28·8	12·6	20·7	0·1	39·7	-	-0·9	-	12·7	-	24·4	-	66·0	9·5	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	⚡	▲	✕	≡
JAN	7	5	0	0	15	28	0	0	0	0	0	7	7	0	0	0
FEB	5	2	0	0	16	26	0	0	0	0	0	12	7	0	0	0
MAR	4	3	0	0	10	26	0	0	0	0	0	5	6	0	0	0
APR	3	1	0	0	2	13	2	0	0	0	2	1	1	0	0	0
MAY	2	0	0	0	0	0	7	0	0	0	7	0	0	0	0	0
JUN	2	1	0	0	0	0	4	0	0	0	5	0	2	0	0	1
JUL	0	0	0	0	0	0	6	0	0	0	14	0	0	0	0	0
AUG	0	0	0	0	0	0	5	0	0	1	10	0	0	0	0	0
SEP	0	0	0	0	2	14	1	0	0	0	2	2	1	0	0	0
OCT	1	1	0	0	3	16	0	0	0	0	3	1	1	0	0	0
NOV	2	1	0	0	11	27	0	0	0	0	0	2	5	0	0	0
DEC	3	1	0	0	15	28	0	0	0	0	0	7	3	0	0	0
J/Y	29	13	0	0	74	178	25	0	0	1	43	37	33	0	0	1

W I N D O N T L E D I N G W I N D A N A L Y S I S

413/158 DIAZ POINT φ 26°38' S λ 15°06' E H 23M HA -M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	1	6·2			0	0·0			0	0·0			2	5·4		
FEB	5	2·9			0	0·0			0	0·0			2	7·5		
MAR	2	3·6			0	0·0			0	0·0			4	3·6		
APR	4	5·3			0	0·0			1	2·6			3	2·1		
MAY	10	5·9			5	3·3			4	9·0			4	2·2		
JUN	4	2·9			3	2·9			13	4·5			2	3·6		
JUL	6	5·1			3	2·1			4	7·2			6	3·2		
AUG	4	4·4			2	2·1			12	8·3			4	4·4		
SEP	9	4·0			1	2·1			3	7·6			1	4·1		
OCT	6	3·2			2	4·1			0	0·0			5	5·7		
NOV	8	5·1			0	0·0			1	5·1			0	0·0		
DEC	7	3·8			0	0·0			0	0·0			2	2·8		
J/Y	66	4·4			16	2·9			38	6·7			35	3·9		

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	0	0·0			85	12·1			1	4·1			2	3·1		
FEB	0	0·0			59	10·8			5	3·1			4	3·3		
MAR	4	4·6			66	10·3			7	2·9			1	4·1		
APR	5	5·1			61	9·7			1	2·1			3	2·6		
MAY	7	5·0			33	8·4			1	2·1			14	5·4		
JUN	1	2·1			50	7·0			2	2·6			7	5·5		
JUL	3	3·4			53	8·9			1	2·1			2	3·1		
AUG	5	7·1			44	11·2			6	2·6			5	3·7		
SEP	0	0·0			59	9·6			2	2·6			6	5·5		
OCT	2	2·6			59	12·0			8	3·3			5	4·1		
NOV	1	2·6			72	14·1			1	2·1			4	3·3		
DEC	2	5·1			67	14·2			1	3·1			7	3·7		
J/Y	31	4·8			708	11·0			36	2·9			60	4·4		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	2	0	8	14	13	18	9	9	12	3	4	1	0	
FEB	9	0	16	13	8	13	7	8	9	1	0	0	0	
MAR	9	0	15	17	13	13	7	4	13	1	1	0	0	
APR	11	0	16	16	14	14	6	2	11	0	0	0	0	
MAY	15	1	21	19	14	16	3	2	2	0	0	0	0	
JUN	8	0	29	26	10	7	4	4	2	0	0	0	0	
JUL	15	0	19	18	13	15	5	4	4	0	0	0	0	
AUG	11	0	21	16	16	5	8	5	10	1	0	0	0	
SEP	9	0	20	20	12	7	5	6	9	1	1	0	0	
OCT	6	0	19	14	15	11	8	4	12	3	1	0	0	
NOV	3	0	12	10	10	10	9	9	12	10	5	0	0	
DEC	7	0	14	11	6	16	5	8	18	5	2	1	0	
J/Y	105	1	210	194	144	145	76	65	114	25	14	2	0	

419/184 KEETMANSHOOP φ 26°34' S λ 18°07' E H 1066M HA 12M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	5	5·0	45	5·7	12	5·5	57	5·0	22	6·4	30	3·0	8	2·1	17	2·6
FEB	5	7·2	56	4·8	15	4·3	53	3·6	25	4·7	42	3·5	12	4·1	32	3·8
MAR	3	5·7	69	5·4	29	5·0	57	4·5	10	4·7	32	3·8	6	2·9	16	3·3
APR	7	7·4	94	5·4	25	5·2	64	4·8	12	3·9	17	3·5	7	5·0	12	2·5
MAY	12	5·6	98	5·7	44	5·1	60	4·8	3	3·9	12	2·7	4	2·5	13	2·9
JUN	61	6·5	221	5·9	35	5·2	102	4·7	15	5·2	35	3·6	4	3·9	9	3·5
JUL	66	6·7	186	5·7	57	4·9	84	4·7	11	4·0	11	2·5	0	0·0	2	2·0
AUG	30	5·2	178	6·3	19	5·4	133	5·7	15	6·4	22	5·5	1	1·8	16	3·1
SEP	33	6·9	145	5·1	38	4·7	101	4·5	11	4·7	10	3·3	0	0·0	4	2·2
OCT	1	2·7	43	4·9	8	4·6	70	5·1	22	5·7	2	3·3	0	0·0	6	2·5
NOV	1	6·3	38	6·4	11	5·1	50	4·7	17	5·3	26	3·1	10	3·6	28	3·6
DEC	5	5·8	18	4·9	3	4·0	34	4·5	17	5·7	49	4·0	3	3·9	35	4·6
J/Y	229	6·4	1191	5·6	296	5·0	865	4·8	180	5·3	288	3·6	55	3·5	190	3·5

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	10	4·0	276	5·6	67	4·0	53	4·1	5	7·2	26	5·0	10	4·1	47	5·6
FEB	14	4·5	227	5·0	40	3·3	33	3·1	5	4·8	15	4·1	13	5·0	48	5·3
MAR	8	2·7	203	4·7	51	2·9	48	3·6	6	5·8	44	3·9	13	3·8	47	5·0
APR	3	5·0	184	5·1	41	4·2	53	4·3	3	5·4	23	4·9	11	7·0	58	5·8
MAY	5	4·6	107	5·5	35	4·5	91	5·4	32	6·2	63	5·5	11	4·5	60	5·5
JUN	1	1·8	53	5·1	21	3·5	21	4·0	5	6·2	2	2·0	2	2·7	88	6·2
JUL	1	5·4	68	4·6	20	3·2	75	4·8	8	4·8	24	3·6	4	6·0	73	5·9
AUG	4	3·3	111	5·4	34	4·3	44	3·8	5	2·9	14	3·8	6	4·3	63	6·5
SEP	4	4·1	115	5·1	38	4·5	22	3·1	6	3·0	21	2·8	11	4·5	82	6·5
OCT	4	4·6	319	5·6	62	5·2	44	3·8	3	3·9	22	3·7	10	4·9	26	3·8
NOV	9	4·5	253	6·0	48	4·1	51	3·9	2	6·9	27	4·0	6	4·8	48	6·5
DEC	13	4·7	327	6·0	51	4·5	41	4·5	0	0·0	12	4·7	3	4·3	19	4·9
J/Y	76	4·2	2243	5·5	518	4·1	576	4·3	80	5·6	293	4·3	100	4·7	659	5·8

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	54	33	180	209	194	56	17	1	0	0	0	0	0	
FEB	37	21	236	189	153	31	5	0	0	0	0	0	0	
MAR	102	41	212	216	139	26	8	0	0	0	0	0	0	
APR	106	21	175	184	173	55	6	0	0	0	0	0	0	
MAY	94	11	137	208	240	51	3	0	0	0	0	0	0	
JUN	45	11	123	205	285	48	3	0	0	0	0	0	0	
JUL	54	15	140	229	268	29	9	0	0	0	0	0	0	
AUG	49	16	139	212	238	77	13	0	0	0	0	0	0	
SEP	79	19	159	230	181	43	9	0	0	0	0	0	0	
OCT	102	7	143	215	226	49	2	0	0	0	0	0	0	
NOV	95	19	162	171	206	58	8	1	0	0	0	0	0	
DEC	104	16	151	201	197	59	16	0	0	0	0	0	0	
J/Y	921	230	1957	2469	2500	582	99	2	0	0	0	0	0	

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

432/237 ARMOEDSVLAKTE LANDBOU AGRIC ø 26°57'S λ 24°38'E P BY/AT 1250GPM H 1234M HT 1·2M HR 1·2M N6 N6

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	876·9	875·2	875·1	21·1	28·7	22·3	16·0	18·2	–	59	36	–	2·8	3·7	3·3
FEB	876·8	875·2	875·2	20·9	29·5	23·1	17·3	19·6	18·2	71	40	64	3·6	4·4	3·8
MAR	878·7	877·3	877·2	19·2	29·3	20·7	–	–	–	–	–	–	3·3	3·7	2·1
APR	879·1	877·1	877·8	15·7	27·4	17·5	–	–	–	–	–	–	2·2	2·8	2·5
MAY	877·6	876·1	876·8	8·3	19·9	10·7	6·9	–	–	83	–	–	1·5	2·0	1·5
JUN	884·2	882·8	883·3	5·3	20·0	9·6	3·6	–	–	77	–	–	1·8	1·7	1·0
JUL	884·4	882·9	883·1	4·9	19·2	10·1	3·4	–	6·2	80	–	57	1·6	2·1	1·1
AUG	883·2	881·0	881·6	6·2	21·1	11·0	2·9	10·7	5·5	58	24	40	0·4	0·4	0·3
SEP	881·6	879·5	879·6	13·2	26·3	16·1	7·5	13·5	–	44	21	–	1·4	1·7	1·2
OCT	875·6	874·5	874·3	18·9	28·6	20·2	12·4	16·4	12·5	46	28	40	003·1	3·6	2·5
NOV	875·5	872·9	873·1	21·9	30·1	22·7	16·5	–	15·7	56	–	48	2·6	4·9	3·0
DEC	875·8	874·0	874·2	22·8	29·7	23·1	17·0	18·3	16·5	57	34	54	3·1	4·6	3·5
J/Y	879·1	877·4	877·6	14·9	25·8	17·3	–	–	–	–	–	–	2·3	3·0	2·1

1959	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	30·5	14·6	22·5	-1·7	35·5	22	6·7	14	22·4	13	19·7	23	85·7	33·7	7
FEB	30·7	16·1	23·4	0·4	34·7	27	11·9	16	25·1	15	19·8	15	91·2	42·7	14
MAR	30·4	13·0	21·7	0·6	34·7	6	4·2	19	20·8	18	16·5	2	8·3	5·4	17
APR	28·2	9·7	18·9	1·3	32·2	3	1·1	30	14·9	30	15·7	15	33·7	22·0	28
MAY	20·9	4·1	12·5	-0·9	27·5	10	-0·7	27	9·0	16	13·8	12	69·7	49·0	12
JUN	20·8	1·3	11·1	1·0	25·7	5	-4·6	25	13·6	9	10·3	30	1·5	1·5	7
JUL	20·0	1·8	10·9	1·2	24·0	12	-3·4	16	11·3	13	8·0	12	12·7	10·0	13
AUG	21·9	0·3	11·1	-1·7	28·0	29	-3·2	16	14·8	16	4·8	15	0·0	0·0	–
SEP	27·3	5·8	16·5	0·3	33·5	29	-3·2	2	16·0	13	16·5	30	0·0	0·0	–
OCT	30·1	11·3	20·7	0·4	36·8	16	-1·0	6	17·0	5	19·1	27	16·9	10·5	20
NOV	31·8	14·4	23·1	1·2	38·6	28	8·3	2	26·0	17	21·5	30	38·1	10·5	17
DEC	31·6	16·3	23·9	0·3	36·7	15	11·3	5	25·3	8	22·0	31	52·6	24·5	1
J/Y	27·0	9·1	18·1	0·3	38·6	–	-4·6	–	9·0	–	22·0	–	410·4	49·0	–

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ⊼	▲	⌀	≡
JAN	9	7	3	1	2	18	0	0	0	0	0	0	8	0	0	0
FEB	7	6	3	1	0	20	0	0	0	0	0	0	7	0	0	0
MAR	3	3	0	0	0	17	0	0	0	0	2	0	1	0	0	0
APR	7	3	1	0	0	11	1	0	0	0	3	0	3	0	0	0
MAY	4	4	2	1	0	0	6	1	0	2	21	0	2	0	0	0
JUN	1	1	0	0	0	0	5	0	2	17	23	0	1	0	0	0
JUL	3	2	1	0	0	0	6	0	1	7	26	0	2	0	0	0
AUG	0	0	0	0	0	0	5	0	1	11	31	0	0	0	0	0
SEP	0	0	0	0	0	7	1	0	1	6	13	0	0	0	0	0
OCT	6	4	1	0	4	18	1	0	0	1	6	0	7	0	0	0
NOV	10	6	2	0	4	21	0	0	0	0	0	1	7	2	0	0
DEC	9	7	1	0	5	21	0	0	0	0	0	2	3	0	0	0
J/Y	59	43	14	3	15	133	25	1	5	44	125	3	41	2	0	0

437/134 POTCHEFSTROOM LANDBOU AGRIC ø 26°44'S λ 27°05'E P BY/AT 1300GPM H 1345M HT 1·2M HR 1·2M N7 N7

1959	P IN MB 08	14	20	T IN°C 8	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	871·9	870·0	869·6	19·6	27·0	21·6	15·5	17·3	16·1	66	36	58	3·8	4·7	3·7
FEB	872·5	870·4	870·0	19·8	27·7	21·3	16·4	18·5	17·1	71	41	67	2·4	4·8	3·3
MAR	874·3	872·1	872·2	17·8	27·1	20·4	14·4	16·7	15·0	69	34	57	3·1	3·9	2·8
APR	872·2	871·6	872·6	14·8	25·3	17·8	11·8	14·9	13·0	71	32	58	2·4	3·6	2·6
MAY	872·0	869·8	871·5	7·6	18·9	11·0	5·9	10·9	8·0	80	39	67	2·4	2·4	1·4
JUN	878·5	876·3	877·6	3·9	19·5	10·1	2·5	10·4	6·2	79	29	55	1·1	1·2	1·0
JUL	879·7	877·7	878·2	4·3	18·0	9·8	3·1	9·5	6·1	82	30	57	1·8	1·8	1·7
AUG	877·9	875·5	876·3	5·5	19·9	11·5	2·3	9·4	5·5	57	20	36	0·6	0·5	0·3
SEP	877·0	874·1	874·9	12·6	24·7	17·1	7·7	12·4	9·5	50	20	35	0·9	2·7	1·1
OCT	873·7	870·9	872·0	17·3	26·0	19·1	11·8	14·4	12·5	52	28	47	2·5	4·0	3·0
NOV	873·3	870·9	871·5	19·6	25·4	19·5	15·0	16·3	14·5	62	34	59	2·9	5·4	3·7
DEC	871·9	870·1	870·3	20·1	25·9	20·0	16·8	18·2	16·4	72	49	70	3·6	4·5	4·1
J/Y	874·6	872·5	873·1	13·6	23·9	16·6	10·3	14·1	11·7	68	33	55	2·3	3·3	2·4

1959	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM.	RX IN 24H MM	D
JAN	28·7	14·7	21·7	-0·7	34·2	19	7·2	15	22·2	24	20·2	20	89·6	44·0	25
FEB	28·9	15·1	22·0	0·3	33·5	27	11·7	22	21·7	15	17·7	28	65·4	44·0	7
MAR	28·3	13·2	20·7	0·7	32·2	28	5·2	19	20·5	18	18·8	6	25·5	12·0	17
APR	26·5	10·7	18·6	1·9	31·2	5	2·2	9	15·6	30	13·8	22	59·2	27·0	29
MAY	19·9	4·2	12·1	-0·6	26·6	10	-0·6	23	9·5	17	12·8	12	47·7	20·0	11
JUN	20·1	1·5	10·8	1·5	25·4	1	-4·1	25	12·5	9	10·5	3	4·7	3·5	8
JUL	18·8	2·1	10·5	1·0	22·6	12	-2·5	15	10·5	17	8·0	14	10·6	5·5	13
AUG	20·7	1·0	10·9	-1·9	26·0	29	-2·5	18	13·2	16	6·5	29	0·0	0·0	–
SEP	25·5	6·5	16·0	-0·5	31·8	29	-2·4	3	13·6	13	14·6	30	0·8	0·8	12
OCT	27·4	11·2	19·3	-0·6	35·2	17	-2·8	6	14·5	5	18·0	16	80·5	40·0	19
NOV	27·7	13·1	20·4	-0·6	34·9	27	7·4	2	20·6	3	17·4	30	86·0	25·0	11
DEC	27·1	14·8	20·9	-1·0	32·1	15	9·5	5	19·0	6	18·2	17	152·1	32·5	1
J/Y	25·0	9·0	17·0	-0·1	35·2	–	-4·1	–	9·5	–	20·2	–	622·1	44·0	–

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ⊼	▲	⌀	≡
JAN	13	7	2	1	0	13	0	0	0	0	0	1	11	0	0	0
FEB	8	5	2	1	0	8	0	0	0	0	0	0	18	0	0	0
MAR	7	6	1	0	0	8	0	0	0	0	0	0	10	0	0	0
APR	9	8	2	1	0	5	2	0	0	0	1	0	11	0	0	0
MAY	6	5	2	0	0	0	10	1	0	4	19	0	4	0	0	1
JUN	2	2	0	0	0	0	3	0	1	13	25	0	1	0	0	0
JUL	3	3	0	0	0	0	6	0	0	8	26	0	0	0	0	0
AUG	0	0	0	0	0	0	4	0	0	9	28	0	0	0	0	5
SEP	1	0	0	0	0	3	2	0	0	5	11	0	2	0	0	0
OCT	10	8	2	2	1	11	2	0	1	2	4	0	11	2	0	0
NOV	9	7	4	1	0	7	0	0	0	0	0	0	12	0	0	0
DEC	14	13	7	2	0	6	0	0	0	0	0	0	11	0	0	0
J/Y	82	64	22	8	1	61	29	1	2	41	114	1	91	2	0	6

W I N D O N T L E D I N G W I N D A N A L Y S I S

432/237 ARMOEDSVLAKTE ø 26°57' S λ 24°38' E H 1234M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	20	5·9			6	4·0			3	3·1			0	0·0		
FEB	13	5·6			2	5·1			3	2·9			1	3·1		
MAR	20	4·9			6	4·0			1	1·5			3	3·1		
APR	19	5·7			1	5·1			3	1·5			0	0·0		
MAY	11	5·8			4	5·1			1	2·6			0	0·0		
JUN	4	4·4			2	2·8			2	3·9			1	3·6		
JUL	14	5·1			3	5·3			1	6·2			0	0·0		
AUG	5	4·3			5	4·5			4	3·8			8	4·4		
SEP	16	4·2			6	4·0			0	0·0			4	2·1		
OCT	24	7·8			5	6·6			2	4·1			6	4·6		
NOV	26	6·5			9	4·6			7	4·7			6	4·9		
DEC	23	6·8			10	5·3			7	3·9			5	3·0		
J/Y	195	5·9			59	4·7			34	3·6			34	3·9		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	6	4·3			3	6·0			4	4·3			18	5·6		
FEB	6	4·3			1	7·7			5	3·4			13	3·8		
MAR	8	4·1			0	0·0			2	1·5			13	4·5		
APR	6	3·0			0	0·0			11	3·9			17	5·6		
MAY	10	4·2			2	3·1			8	5·1			8	8·0		
JUN	12	3·7			0	0·0			3	1·5			6	4·2		
JUL	6	4·0			4	3·8			6	4·4			12	5·1		
AUG	8	6·4			6	4·5			8	5·1			10	7·0		
SEP	8	2·9			9	3·1			8	3·6			14	4·3		
OCT	7	5·1			6	5·0			13	5·7			11	8·2		
NOV	3	7·4			2	4·6			10	6·3			10	5·7		
DEC	6	3·2			4	5·0			7	4·0			13	6·7		
J/Y	86	4·2			37	4·3			85	4·5			145	5·6		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0–1·0	1·1–1·5	1·6–3·3	3·4–5·4	5·5–7·9	8·0–10·7	10·8–13·8	13·9–17·1	17·2–20·7	20·8–24·4	24·5–28·4	28·5–32·6	32·7 + M/SEC
JAN	29	6	9	19	17	8	1	0	0	0	0	0	0
FEB	36	6	8	20	8	2	0	0	0	0	0	0	0
MAR	37	7	10	21	14	1	0	0	0	0	0	0	0
APR	30	9	9	18	15	6	0	0	0	0	0	0	0
MAY	45	2	5	18	15	3	1	0	0	0	0	0	0
JUN	52	7	6	14	3	0	0	0	0	0	0	0	0
JUL	47	0	15	18	11	2	0	0	0	0	0	0	0
AUG	39	0	14	21	12	7	0	0	0	0	0	0	0
SEP	24	26	13	15	10	1	0	0	0	0	0	0	0
OCT	19	1	8	25	22	13	4	1	0	0	0	0	0
NOV	17	5	11	21	27	6	2	1	0	0	0	0	0
DEC	15	3	12	28	23	9	0	0	0	0	0	0	0
J/Y	390	72	120	238	177	58	8	2	0	0	0	0	0

437/134 POTCHEFSTROOM ø 26°44' S λ 27°05' E H 1345M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	23	4·1			9	4·3			6	5·0			2	5·7		
FEB	15	2·8			11	3·3			5	3·1			4	5·4		
MAR	19	3·1			13	3·5			6	4·0			5	4·9		
APR	21	4·0			10	3·0			3	3·2			1	2·6		
MAY	19	4·6			3	2·2			1	2·1			2	3·6		
JUN	8	2·4			2	3·6			2	3·3			3	4·3		
JUL	19	2·5			4	3·2			2	6·9			2	2·8		
AUG	18	1·9			2	3·3			5	3·8			6	2·4		
SEP	17	4·1			6	2·8			2	2·3			3	4·1		
OCT	19	5·6			10	3·8			5	7·9			6	4·2		
NOV	25	4·1			9	2·8			7	7·4			2	5·1		
DEC	23	4·4			10	4·2			5	5·4			2	8·0		
J/Y	226	3·7			89	3·4			49	4·9			38	4·3		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	6	4·1			10	4·7			8	3·4			14	4·9		
FEB	3	3·2			6	3·9			3	1·9			8	3·1		
MAR	5	4·6			6	3·4			2	3·1			9	4·3		
APR	5	3·7			6	3·2			4	6·9			11	4·0		
MAY	6	3·1			7	4·5			6	3·9			12	4·0		
JUN	9	4·5			8	3·2			2	2·8			7	3·4		
JUL	7	4·8			7	5·1			4	2·6			9	2·3		
AUG	13	5·0			10	5·0			6	5·8			5	4·4		
SEP	12	4·8			6	4·4			7	4·1			10	6·0		
OCT	6	8·0			6	4·9			8	4·8			15	4·9		
NOV	5	4·7			6	5·6			4	2·4			16	4·3		
DEC	6	5·0			10	5·0			1	2·6			12	4·7		
J/Y	83	4·7			88	4·5			55	4·0			128	4·3		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0–1·0	1·1–1·5	1·6–3·3	3·4–5·4	5·5–7·9	8·0–10·7	10·8–13·8	13·9–17·1	17·2–20·7	20·8–24·4	24·5–28·4	28·5–32·6	32·7 + M/SEC
JAN	15	3	17	39	18	1	0	0	0	0	0	0	0
FEB	29	8	27	14	6	0	0	0	0	0	0	0	0
MAR	28	5	28	22	9	1	0	0	0	0	0	0	0
APR	29	4	27	22	5	1	2	0	0	0	0	0	0
MAY	37	5	26	16	5	3	1	0	0	0	0	0	0
JUN	49	6	17	13	4	1	0	0	0	0	0	0	0
JUL	39	14	18	16	4	2	0	0	0	0	0	0	0
AUG	28	14	31	6	10	1	2	1	0	0	0	0	0
SEP	27	15	20	9	10	7	2	0	0	0	0	0	0
OCT	18	8	20	19	11	12	3	2	0	0	0	0	0
NOV	16	10	20	24	16	3	1	0	0	0	0	0	0
DEC	24	2	15	32	15	4	1	0	0	0	0	0	0
J/Y	339	94	266	232	113	36	12	3	0	0	0	0	0

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

444/540 PIET RETIEF

φ 27°00' S P BY/AT 1250GPM HT 1·2M E9
λ 30°48' E H 1239M HR 1·2M E9

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	878·1	877·3	876·8	18·6	24·2	18·1	16·2	17·9	16·5	79	57	86	4·9	4·4	5·4
FEB	879·0	877·8	877·8	17·9	24·8	18·7	16·1	18·5	16·8	83	56	82	4·4	3·5	3·2
MAR	880·7	879·0	879·4	16·8	25·3	17·3	14·9	16·9	15·3	81	44	82	3·4	3·1	3·1
APR	880·6	879·1	879·4	15·8	25·0	16·7	13·4	15·8	13·6	78	38	71	3·3	2·7	1·9
MAY	879·3	877·1	877·5	11·5	21·6	12·4	8·0	11·9	8·7	63	31	61	1·8	1·7	1·2
JUN	884·1	882·9	883·8	9·1	20·9	10·6	5·7	11·0	7·7	61	27	68	1·2	0·9	0·6
JUL	885·1	883·0	883·5	8·3	18·7	10·7	5·8	10·7	7·7	70	36	67	2·8	2·4	1·1
AUG	883·8	882·5	882·9	9·5	20·4	11·1	6·1	10·5	7·3	62	27	59	2·1	1·5	0·7
SEP	882·6	880·9	882·2	13·2	22·7	13·9	9·4	12·5	10·1	64	33	64	2·2	2·00	1·6
OCT	881·8	879·8	879·9	16·2	23·7	16·4	13·0	15·5	13·1	71	45	71	4·2	4·0	3·6
NOV	880·7	879·5	879·5	16·4	22·7	16·4	14·3	17·0	14·8	81	59	85	5·6	4·5	5·4
DEC	878·9	878·2	877·3	18·4	23·6	17·6	16·1	17·8	16·00	80	60	86	5·0	5·1	5·7
J/Y	881·2	879·8	880·0	14·3	22·8	15·0	11·6	14·7	12·3	73	43	73	3·4	3·0	2·8

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	25·5	14·6	20·1	-0·1	31·9	28	6·8	14	16·7	13	18·4	20	98·9	21·9	29
FEB	26·3	14·8	20·5	0·4	32·0	26	9·8	23	17·5	21	18·8	15	58·9	23·4	8
MAR	26·3	13·2	19·7	0·7	33·3	29	8·3	24	15·8	10	17·5	6	34·7	14·1	16
APR	25·9	12·7	19·3	2·4	33·0	3	7·5	30	17·5	26	17·3	14	9·9	8·0	29
MAY	22·3	6·5	14·4	0·1	29·0	10	1·5	26	12·0	16	14·0	12	61·9	29·0	17
JUN	21·9	4·9	13·4	1·8	26·0	21	2·0	10	15·8	25	9·3	4	0·1	0·1	7
JUL	19·5	4·4	11·9	0·4	25·0	21	0·5	30	13·5	9	10·0	16	15·7	11·0	8
AUG	21·3	4·5	12·9	-0·8	29·2	30	0·5	10	11·0	17	8·9	30	1·9	1·6	31
SEP	23·8	7·8	15·8	0·0	31·8	28	0·4	2	8·2	13	14·5	8	47·6	27·0	13
OCT	25·0	11·7	18·3	0·2	35·9	17	1·5	6	13·2	19	17·5	17	77·8	18·5	19
NOV	23·9	12·9	18·4	-0·3	33·5	27	7·5	3	10·0	2	19·0	27	109·4	28·5	9
DEC	25·2	14·5	19·9	0·1	34·0	15	10·5	5	16·0	19	18·2	16	139·2	55·1	17
J/Y	23·9	10·2	17·1	0·5	35·9	-	0·4	-	8·2	-	19·0	-	656·0	55·1	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ≥	▲	X	≡
JAN	15	11	5	0	0	6	1	0	0	0	0	0	7	0	0	1
FEB	8	8	1	0	0	2	0	0	0	0	0	0	3	0	0	1
MAR	8	7	1	0	0	6	1	0	0	0	0	0	6	1	0	4
APR	4	2	0	0	0	3	0	0	0	0	0	0	1	0	0	6
MAY	6	5	2	1	0	0	5	0	0	0	9	0	3	0	0	1
JUN	1	0	0	0	0	0	2	0	0	0	18	0	1	0	0	2
JUL	3	3	1	0	0	0	8	0	0	0	18	0	2	0	0	0
AUG	3	1	0	0	0	0	8	0	0	0	18	0	0	0	0	3
SEP	4	2	2	1	0	2	5	1	0	0	9	0	0	0	0	1
OCT	13	6	4	0	2	7	4	0	0	0	2	0	6	0	0	0
NOV	20	14	3	1	0	3	2	0	0	0	0	0	8	0	0	0
DEC	18	8	4	2	0	4	3	0	0	0	0	0	6	0	0	0
J/Y	103	69	23	5	2	33	39	1	0	0	74	0	43	1	0	19

464/783 TSABONG BECH

φ 26°03' S P BY/AT 1000GPM HT 1·2M NB
λ 22°27' E H 960M HR 1·2M NB

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	901·6	900·0	899·3	23·0	32·4	27·5	16·3	18·4	17·0	49	22	33	3·2	3·7	3·9
FEB	901·5	900·3	899·2	23·1	32·1	27·7	18·3	19·9	19·2	63	32	45	2·7	3·7	2·9
MAR	903·9	902·3	901·7	20·1	31·6	24·7	14·8	17·8	16·4	56	22	41	2·7	2·9	2·0
APR	904·3	902·6	902·5	15·9	27·9	20·6	11·7	16·1	13·5	59	28	44	2·6	3·2	2·2
MAY	903·8	902·5	902·7	8·5	21·3	12·9	6·2	11·8	8·4	72	29	53	1·4	1·2	0·7
JUN	909·8	908·3	908·5	5·2	22·2	11·7	3·0	11·7	6·9	69	23	46	1·7	1·5	1·3
JUL	910·1	908·8	908·6	5·1	21·3	12·9	2·5	10·9	6·8	64	23	40	1·8	1·5	1·4
AUG	909·2	907·7	907·5	5·9	22·5	13·7	2·2	10·9	6·8	51	17	31	0·4	0·1	0·2
SEP	907·0	905·1	904·7	13·4	28·1	19·4	6·8	13·4	10·0	34	12	24	0·8	1·1	1·2
OCT	902·8	900·9	900·7	20·2	31·2	23·9	11·6	15·2	12·3	31	12	20	2·5	2·7	1·9
NOV	902·1	900·1	899·5	24·1	33·2	27·7	15·2	17·3	15·5	37	16	24	2·3	3·4	3·3
DEC	901·0	899·6	898·8	23·9	31·6	26·9	17·3	19·0	17·7	51	28	40	2·6	3·4	3·6
J/Y	904·8	903·2	902·8	15·7	27·9	20·8	10·5	15·2	12·5	53	22	37	2·1	2·4	2·1

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	34·1	17·8	25·9	-0·6	37·4	3	10·1	15	25·8	12	23·9	4	35·7	13·6	4
FEB	33·7	18·7	26·2	0·4	37·8	27	13·5	15	21·9	15	22·5	12	56·9	19·9	6
MAR	32·6	15·3	23·9	0·6	36·4	28	5·8	19	23·7	18	22·1	2	17·0	7·5	4
APR	29·1	11·4	20·2	0·7	34·3	2	1·3	9	14·2	30	19·3	11	16·8	7·1	14
MAY	22·2	5·1	13·7	-1·2	28·6	9	-1·9	26	13·7	15	15·8	12	17·9	15·6	11
JUN	23·0	2·1	12·5	1·0	27·5	6	-4·0	25	14·8	24	12·1	7	0·3	0·3	7
JUL	22·1	1·9	12·0	0·6	25·4	22	-5·4	15	12·5	17	12·6	5	1·5	1·5	12
AUG	23·2	1·6	12·4	-2·1	30·9	29	-3·8	6	13·7	16	8·0	10	0·0	0·0	-
SEP	29·0	6·2	17·6	-0·1	35·5	27	-3·7	2	17·8	13	14·7	21	0·0	0·0	-
OCT	32·2	12·7	22·5	0·8	39·0	17	-0·8	5	18·7	4	22·8	27	0·1	0·1	7
NOV	34·7	17·0	25·9	1·9	39·7	27	8·8	3	24·9	1	23·0	30	15·9	13·6	8
DEC	33·5	18·5	26·0	0·3	38·1	15	13·6	5	24·1	4	23·1	12	72·6	34·4	12
J/Y	29·1	10·7	19·9	0·2	39·7	-	-5·4	-	12·5	-	23·9	-	232·7	34·4	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ≥	▲	X	≡
JAN	7	6	2	0	16	27	0	0	0	0	0	8	10	0	0	0
FEB	7	5	3	0	11	24	0	0	0	0	0	7	11	1	0	0
MAR	4	3	0	0	8	25	0	0	0	0	0	3	8	0	0	0
APR	4	4	0	0	0	17	2	0	0	0	3	0	4	0	0	0
MAY	2	2	1	0	0	0	3	0	0	1	18	0	3	0	0	0
JUN	1	0	0	0	0	0	2	0	3	10	21	0	1	0	0	0
JUL	1	0	0	0	0	0	4	0	5	10	25	0	2	0	0	2
AUG	0	0	0	0	0	1	3	0	1	11	27	0	0	0	0	0
SEP	0	0	0	0	2	12	0	0	3	4	13	0	0	0	0	0
OCT	1	0	0	0	12	22	0	0	0	1	5	2	4	0	0	0
NOV	2	1	1	0	14	28	0	0	0	0	0	6	5	1	0	0
DEC	9	5	3	1	13	27	0	0	0	0	0	7	13	0	0	0
J/Y	38	26	10	1	76	183	14	0	12	37	112	33	61	2	0	2

W I N D O N T L E D I N G W I N D A N A L Y S I S

444/540 PIET RETIEF ø 27°00'S λ 30°48'E H 1239M

GEEN WIND WAARNEMINGS NIE

NO WIND OBSERVATIONS

464/783 TSABONG ø 26°03'S λ 22°27'E H 960M HA 6M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	12	6·2			14	5·6			4	2·9			2	5·9		
FEB	17	5·0			10	5·1			2	3·6			6	3·3		
MAR	18	3·9			9	5·8			2	3·9			2	6·9		
APR	8	3·1			3	3·2			0	0·0			0	0·0		
MAY	7	3·2			2	2·3			0	0·0			1	2·6		
JUN	4	2·9			4	3·2			3	4·8			1	1·5		
JUL	9	4·2			10	4·3			1	2·6			1	2·6		
AUG	7	3·1			8	5·1			3	6·2			2	4·9		
SEP	17	3·6			4	4·8			1	2·6			3	4·6		
OCT	13	5·4			5	5·1			3	4·3			3	2·9		
NOV	16	3·7			3	5·5			3	4·1			0	0·0		
DEC	26	4·6			8	5·1			5	4·8			3	3·1		
J/Y	154	4·3			80	4·9			27	4·2			24	3·9		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	8	7·7			7	3·1			8	6·0			9	4·9		
FEB	4	3·5			3	5·8			3	5·0			3	6·2		
MAR	6	4·0			5	4·2			5	3·7			3	6·8		
APR	5	3·0			8	3·6			5	5·9			7	2·9		
MAY	14	3·8			12	3·7			6	4·3			6	4·0		
JUN	8	3·9			2	3·1			3	2·7			3	3·1		
JUL	8	3·9			3	2·2			4	3·8			8	3·9		
AUG	13	4·9			5	2·8			5	4·3			2	2·6		
SEP	9	3·9			3	4·1			3	4·3			5	4·5		
OCT	11	3·8			13	4·9			10	4·1			6	5·0		
NOV	11	4·1			4	4·0			5	2·2			9	2·9		
DEC	14	5·0			6	5·8			2	4·6			7	4·6		
J/Y	111	4·4			71	4·0			59	4·3			68	4·2		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	29	8	15	11	16	12	2	0	0	0	0	0	0	
FEB	36	2	19	12	10	4	1	0	0	0	0	0	0	
MAR	43	2	20	13	12	3	0	0	0	0	0	0	0	
APR	54	5	19	6	4	2	0	0	0	0	0	0	0	
MAY	45	10	17	11	9	1	0	0	0	0	0	0	0	
JUN	62	5	13	6	4	0	0	0	0	0	0	0	0	
JUL	49	4	22	10	6	2	0	0	0	0	0	0	0	
AUG	48	1	23	12	4	5	0	0	0	0	0	0	0	
SEP	45	1	19	16	9	0	0	0	0	0	0	0	0	
OCT	28	6	20	19	15	3	1	0	0	0	0	0	0	
NOV	39	9	20	15	4	3	0	0	0	0	0	0	0	
DEC	22	0	30	16	21	4	0	0	0	0	0	0	0	
J/Y	500	53	237	147	114	39	4	0	0	0	0	0	0	

K L I M A A T T A B E L L E — C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE EERSTE ORDE — FIRST ORDER STATIONS

476/398 JAN SMUTS — WEERKANTOOR / WEATHER OFFICE — Ø 26°08'S P BY/AT 1700GPM HT 1·2M L5 — X 28°14'E H 1694M HR 1·2M L5

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	832·0	830·8	830·6	17·0	23·3	18·5	14·4	16·5	14·4	76	50	66	4·4	4·2	3·7
FEB	832·3	831·2	831·2	17·4	23·5	19·2	14·8	16·8	15·4	76	52	68	2·5	4·7	3·7
MAR	834·2	832·8	832·9	16·1	23·4	18·3	13·6	15·7	13·7	77	45	61	3·1	3·4	2·3
APR	834·1	832·7	833·1	13·8	21·5	16·1	11·7	14·3	11·9	79	46	62	3·0	3·1	2·4
MAY	831·6	830·6	831·5	9·0	16·9	11·1	6·4	9·8	7·2	70	39	58	2·2	1·9	1·3
JUN	837·3	836·1	836·9	8·7	17·4	11·2	5·7	9·0	6·2	64	30	46	1·3	1·0	0·6
JUL	837·9	836·6	837·3	7·5	15·5	10·0	5·1	8·3	5·6	70	35	50	2·1	1·9	1·4
AUG	836·2	834·7	835·3	8·4	17·7	11·8	4·5	8·3	5·5	55	23	35	0·7	0·7	0·4
SEP	835·7	834·0	834·6	12·5	21·3	15·8	8·0	11·0	8·6	56	25	37	1·6	1·5	1·2
OCT	833·6	831·5	832·0	15·5	23·4	17·3	11·0	13·5	11·3	58	31	49	2·5	2·6	3·0
NOV	833·4	831·6	832·1	16·1	22·7	17·4	13·3	15·6	13·4	74	48	66	3·8	4·1	3·8
DEC	832·0	830·7	830·5	17·2	22·3	18·7	14·8	16·9	15·1	78	60	71	4·7	4·9	3·5
J/Y	834·2	832·8	833·2	13·3	20·7	15·5	10·3	13·0	10·7	69	40	56	2·7	2·8	2·3

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	24·5	13·9	19·2	-0·3	28·2	18	7·5	14	16·4	25	16·8	1	97·0	23·6	6
FEB	25·0	14·1	19·5	0·1	28·8	26	9·7	22	18·9	15	17·3	20	78·3	30·0	3
MAR	24·6	13·1	18·9	0·8	29·3	29	6·7	19	17·0	10	17·2	5	30·4	15·4	6
APR	22·7	11·1	16·9	1·0	27·5	5	3·6	30	12·9	30	15·5	4	69·9	15·2	29
MAY	17·7	6·6	12·1	-0·7	23·8	10	0·9	2	8·5	17	11·3	8	18·0	5·8	12
JUN	18·1	6·5	12·3	2·0	22·2	1	1·5	25	12·4	9	11·3	7	0·9	0·9	8
JUL	16·2	5·5	10·9	0·6	19·1	21	1·6	18	9·0	17	8·9	8	9·4	8·9	17
AUG	18·4	5·2	11·8	-1·0	24·0	30	-1·6	17	11·8	31	11·7	30	0·0	0·0	-
SEP	22·3	8·5	15·4	0·0	28·4	29	0·4	14	13·4	13	15·5	26	28·1	28·1	13
OCT	24·4	11·0	17·7	0·0	32·0	17	1·3	5	13·8	5	17·1	18	57·7	36·5	19
NOV	23·8	12·5	18·1	-0·5	29·0	27	7·3	3	14·1	3	16·2	28	128·5	24·0	9
DEC	23·7	13·8	18·7	-0·4	28·7	16	11·2	20	15·5	6	17·9	17	122·9	36·5	17
J/Y	21·8	10·1	15·9	0·0	32·0	-	-1·6	-	8·5	-	17·9	-	641·1	36·5	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ☔	▲	✱	≡
JAN	11	11	3	0	0	0	1	0	0	0	0	0	15	0	0	2
FEB	9	6	2	1	0	0	0	0	0	0	0	0	11	2	0	1
MAR	9	6	1	0	0	0	1	0	0	0	0	0	3	0	0	4
APR	13	9	3	0	0	0	3	0	0	0	1	0	11	0	0	4
MAY	7	4	0	0	0	0	14	1	0	0	11	0	0	0	0	3
JUN	1	0	0	0	0	0	11	0	0	0	7	0	1	0	0	3
JUL	2	1	0	0	0	0	22	2	0	0	11	0	0	0	0	3
AUG	0	0	0	0	0	0	12	0	0	2	14	0	0	0	0	6
SEP	1	1	1	1	0	0	4	0	0	0	4	0	1	1	1	0
OCT	13	8	1	1	0	3	2	0	0	0	3	0	11	1	0	2
NOV	16	11	4	0	0	0	1	0	0	0	0	0	13	2	0	2
DEC	16	14	3	1	0	0	1	0	0	0	0	0	12	0	0	2
J/Y	98	71	18	4	0	3	72	3	0	2	51	0	78	6	1	32

480/184A CAROLINA — TRONK / GAOL — Ø 26°04'S P BY/AT 1700GPM HT 1·2M N9 — X 30°07'E H 1698M HR 1·2M N9

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	831·4	830·4	830·3	16·4	22·1	16·9	14·6	16·3	14·7	83	57	81	5·6	5·9	5·5
FEB	831·5	830·3	830·8	15·6	23·4	17·3	14·0	16·5	14·9	85	49	78	4·9	5·0	4·3
MAR	833·7	832·2	832·6	14·0	22·2	15·8	12·3	14·7	13·3	84	46	76	4·0	4·3	3·0
APR	833·5	831·9	832·5	12·3	21·6	14·5	11·1	13·6	11·6	87	40	72	4·0	4·3	2·7
MAY	830·8	829·6	830·5	8·2	18·2	10·8	5·9	9·6	6·5	73	31	55	2·7	2·2	1·4
JUN	836·1	834·9	835·6	6·1	17·6	9·8	4·1	8·7	5·6	74	27	53	1·2	1·9	0·6
JUL	837·9	836·4	837·1	5·0	15·3	8·9	3·7	8·2	5·6	82	36	62	2·0	2·5	1·8
AUG	836·6	834·9	835·9	7·0	17·7	10·2	4·4	8·0	5·4	69	22	50	1·5	1·1	0·7
SEP	836·7	834·5	835·6	10·6	20·3	12·7	7·6	10·4	8·4	68	29	57	2·3	2·9	1·5
OCT	834·3	832·4	833·3	14·0	22·6	15·2	10·8	13·3	11·4	69	35	65	3·8	4·7	4·3
NOV	834·2	832·2	833·4	14·7	21·2	15·1	12·6	14·9	12·9	80	53	80	4·6	5·3	5·2
DEC	832·9	831·2	831·5	16·0	21·9	16·6	14·2	16·2	14·5	83	58	81	5·2	6·3	5·9
J/Y	834·1	832·6	833·3	11·7	20·3	13·7	9·6	12·5	10·4	78	40	67	3·5	3·9	3·1

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	24·1	13·2	18·7	-	28·4	28	6·4	14	19·3	7	16·3	29	112·6	27·8	29
FEB	24·8	12·5	18·7	-	29·6	26	5·6	22	18·7	21	15·5	20	62·5	15·6	6
MAR	23·9	11·2	17·5	-	30·0	29	4·7	24	14·8	10	17·5	9	32·3	13·5	10
APR	22·6	9·7	16·1	-	27·7	3	4·4	18	15·0	30	12·9	14	50·0	29·5	29
MAY	18·8	4·9	11·9	-	24·9	10	-0·5	23	9·6	18	11·4	11	33·0	17·5	17
JUN	18·4	3·6	11·0	-	21·7	3	-0·6	11	12·6	25	8·3	4	0·1	0·1	4
JUL	16·3	2·9	9·6	-	20·0	21	-0·7	28	9·2	18	8·5	16	15·3	9·9	9
AUG	18·5	3·1	10·8	-	25·0	30	-1·0	17	11·1	17	7·5	30	0·9	0·9	8
SEP	21·6	6·4	14·0	-	28·3	28	-1·8	2	9·5	10	12·6	21	40·0	37·0	13
OCT	23·8	10·0	16·9	-	32·5	17	1·1	5	12·6	20	17·0	18	34·5	6·9	24
NOV	22·5	11·3	16·9	-	28·6	30	5·8	3	10·2	2	15·3	27	167·0	46·8	8
DEC	23·6	13·0	18·3	-	28·5	15	10·0	3	13·0	666	17·6	16	110·9	48·5	9
J/Y	21·6	8·5	15·1	-	32·5	-	-1·8	-	9·2	-	17·6	-	659·1	48·5	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ☔	▲	✱	≡
JAN	16	14	3	1	0	0	0	0	0	0	0	0	16	1	0	9
FEB	10	8	3	0	0	0	0	0	0	0	0	0	9	2	0	11
MAR	7	6	1	0	0	0	3	0	0	0	1	0	2	0	0	12
APR	6	5	2	1	0	0	3	0	0	0	1	0	9	2	0	18
MAY	7	6	1	0	0	0	8	1	0	2	17	0	3	1	0	5
JUN	1	0	0	0	0	0	11	0	0	4	21	0	0	0	0	5
JUL	4	2	0	0	0	0	22	1	0	2	25	0	1	0	0	14
AUG	1	0	0	0	0	0	11	0	0	2	26	0	0	0	0	7
SEP	2	2	1	1	0	0	5	1	0	1	10	0	3	2	1	7
OCT	12	10	0	0	0	3	4	0	0	0	2	0	10	0	0	7
NOV	16	16	6	1	0	0	2	0	0	0	0	0	15	1	0	-
DEC	15	10	2	1	0	0	2	0	0	0	0	0	11	0	0	3
J/Y	97	79	19	5	0	3	71	3	0	11	103	0	79	9	1	-

W I N D O N T L E D I N G W I N D A N A L Y S I S

476/398 JAN SMUTS — φ 26°08' S, λ 28°14' E — H 1694M — HA 13M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	38	2·9	25	2·5	13	3·2	25	4·0	11	2·6	13	2·9	8	4·4	12	3·3
FEB	28	3·0	27	2·3	39	2·6	35	3·8	16	3·5	6	2·6	13	3·0	18	2·7
MAR	31	1·8	20	1·9	60	2·3	50	3·5	21	3·7	18	3·7	14	2·5	7	3·3
APR	49	3·0	20	2·9	20	2·4	24	3·2	7	2·1	5	2·2	10	2·0	10	2·1
MAY	26	4·3	21	4·1	9	3·8	6	3·9	2	2·7	16	1·9	8	2·4	15	3·6
JUN	22	2·7	21	2·9	1	1·3	14	4·4	11	3·6	12	3·0	28	3·1	11	2·5
JUL	29	4·6	31	3·5	28	3·8	22	3·3	38	3·6	24	4·2	10	3·0	19	3·0
AUG	9	1·8	7	2·1	11	2·9	9	2·7	45	4·0	24	4·7	38	3·9	19	4·0
SEP	69	4·6	26	4·5	21	2·6	8	3·9	19	4·8	9	4·5	21	5·7	27	5·4
OCT	93	5·0	78	5·6	36	4·0	38	6·2	16	5·9	14	4·2	13	3·5	15	4·6
NOV	94	4·4	39	4·1	50	3·2	38	4·4	32	5·4	13	6·8	14	4·9	7	4·2
DEC	104	3·8	35	3·9	23	3·2	45	4·7	59	5·2	4	3·4	9	3·0	13	3·4
J/Y	592	3·9	350	3·8	311	3·0	314	4·2	277	4·4	158	3·9	186	3·6	173	3·7

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	39	3·7	39	3·1	18	3·6	16	2·8	41	3·0	78	3·8	82	3·3	89	3·4
FEB	15	3·2	12	3·0	5	2·1	14	1·8	34	2·0	35	2·6	56	2·0	45	2·5
MAR	18	3·7	15	3·2	13	2·8	12	1·9	35	2·5	57	2·9	46	2·5	17	2·5
APR	11	3·6	23	3·5	20	3·4	22	2·2	66	2·4	92	3·0	58	2·6	69	3·2
MAY	57	5·0	117	3·9	31	3·4	12	3·5	16	2·6	57	3·1	114	3·8	66	4·2
JUN	58	4·4	118	4·6	50	3·7	37	3·6	35	2·5	59	2·7	61	3·1	40	2·8
JUL	27	3·3	87	5·6	28	3·2	27	3·6	58	2·6	69	2·8	52	2·8	48	3·4
AUG	53	4·0	128	4·8	28	3·1	14	2·5	44	3·0	60	3·6	77	4·0	42	2·3
SEP	54	4·2	53	4·8	23	3·7	15	5·6	39	2·8	51	3·1	113	3·6	82	3·8
OCT	62	4·5	30	5·3	18	6·3	8	6·1	22	3·9	35	3·8	97	4·0	94	4·2
NOV	19	4·2	13	5·5	20	4·1	8	4·9	21	3·0	49	3·9	71	3·6	98	4·2
DEC	22	2·9	18	3·7	24	2·6	7	4·2	18	3·5	37	3·5	85	4·0	100	3·5
J/Y	435	4·1	653	4·5	278	3·6	192	3·4	429	2·7	679	3·2	912	3·5	790	3·5

WINDSPOEDFREKWENSIE — WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	197	79	256	164	38	4	6	0	0	0	0	0	0	
FEB	274	119	184	73	21	1	0	0	0	0	0	0	0	
MAR	310	105	208	93	25	3	0	0	0	0	0	0	0	
APR	214	132	212	126	34	2	0	0	0	0	0	0	0	
MAY	171	55	237	155	116	10	0	0	0	0	0	0	0	
JUN	142	70	267	158	67	12	2	2	0	0	0	0	0	
JUL	147	64	284	150	70	27	2	0	0	0	0	0	0	
AUG	136	73	271	161	62	26	14	1	0	0	0	0	0	
SEP	90	77	241	157	106	44	5	0	0	0	0	0	0	
OCT	75	43	207	190	165	53	7	4	0	0	0	0	0	
NOV	134	62	171	205	123	19	5	1	0	0	0	0	0	
DEC	141	87	196	193	111	16	0	0	0	0	0	0	0	
J/Y	2031	966	2734	1825	938	217	41	8	0	0	0	0	0	

480/184A CAROLINA — φ 26°04' S, λ 30°07' E — H 1698M — HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	17	2·7			19	3·4			10	3·8			6	4·7		
FEB	12	3·2			25	3·6			9	4·2			3	5·3		
MAR	9	2·8			29	3·6			14	4·9			5	3·1		
APR	16	3·2			20	4·0			9	3·6			4	3·5		
MAY	16	2·8			7	3·4			3	4·6			6	3·6		
JUN	15	2·3			16	3·2			7	2·8			4	3·8		
JUL	18	2·4			19	3·0			12	3·6			4	6·2		
AUG	12	2·9			18	4·0			16	3·7			7	5·1		
SEP	9	3·2			20	3·7			9	5·3			9	4·9		
OCT	14	3·7			24	4·6			5	6·2			1	3·1		
NOV	17	3·6			25	4·3			8	6·0			3	3·1		
DEC	15	3·1			23	4·0			8	4·6			3	7·7		
J/Y	170	2·9			245	4·0			110	4·3			55	4·5		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	2	3·6			12	3·6			15	4·5			11	3·9		
FEB	5	2·8			9	4·2			13	3·7			7	3·2		
MAR	2	5·1			5	3·9			7	4·0			7	2·6		
APR	2	3·1			11	3·3			14	5·2			14	2·9		
MAY	5	4·4			10	5·0			21	5·7			23	3·6		
JUN	6	4·1			11	3·9			11	3·4			15	2·7		
JUL	6	3·5			12	4·0			8	5·1			10	2·8		
AUG	4	4·6			6	4·0			14	5·0			14	3·6		
SEP	6	2·9			7	4·3			8	4·6			9	4·3		
OCT	4	3·8			12	3·8			17	4·5			16	4·0		
NOV	1	3·1			9	3·8			14	4·1			12	3·7		
DEC	3	2·4			11	3·7			15	4·3			13	4·1		
J/Y	46	3·6			115	3·9			157	4·6			151	3·4		

WINDSPOEDFREKWENSIE — WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	1	6	42	30	12	2	0	0	0	0	0	0	0	
FEB	1	9	28	31	15	0	0	0	0	0	0	0	0	
MAR	4	3	38	22	15	0	0	0	0	0	0	0	0	
APR	0	7	41	27	13	2	0	0	0	0	0	0	0	
MAY	2	9	33	25	20	3	1	0	0	0	0	0	0	
JUN	5	13	42	24	5	1	0	0	0	0	0	0	0	
JUL	4	10	43	25	10	0	1	0	0	0	0	0	0	
AUG	2	6	37	32	11	5	0	0	0	0	0	0	0	
SEP	3	3	32	26	12	4	0	0	0	0	0	0	0	
OCT	0	1	37	34	17	3	1	0	0	0	0	0	0	
NOV	1	3	36	33	14	2	1	0	0	0	0	0	0	
DEC	2	3	34	38	14	2	0	0	0	0	0	0	0	
J/Y	25	73	443	347	158	24	4	0	0	0	0	0	0	

K L I M A A T T A B E L L E — C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE EERSTE ORDE — FIRST ORDER STATIONS

508/232 MAFEKING — WEERKANTOOR / WEATHER OFFICE — φ 25°52' S, λ 25°38' E — P BY/AT 1300GPM, H 1277M — HT 1·2M, HR 1·2M — Q1

1959	P IN MB 08	14	20	T IN °C 8	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	871·9	870·3	869·9	21·4	28·3	23·5	16·3	17·4	16·2	60	34	48	4·1	5·1	4·2
FEB	872·0	870·5	869·9	20·8	28·1	23·3	17·3	19·3	18·0	71	43	60	4·0	5·3	4·5
MAR	873·8	872·4	872·2	19·6	27·8	22·4	15·6	17·8	16·2	66	37	53	4·2	5·0	3·5
APR	873·9	872·3	872·3	17·3	26·3	19·3	13·3	16·0	13·6	64	34	54	2·6	4·3	3·2
MAY	872·2	870·9	871·6	10·4	20·2	12·8	7·3	11·9	8·9	67	37	60	1·9	2·4	1·6
JUN	878·5	877·1	877·8	8·5	20·7	11·7	5·2	11·1	7·0	60	27	50	1·4	2·0	1·1
JUL	879·3	877·8	878·0	8·1	18·9	11·6	5·3	10·1	7·1	66	30	51	2·0	2·1	1·3
AUG	877·7	875·9	876·4	9·1	21·3	12·9	4·5	10·0	6·3	48	19	35	0·5	0·8	0·3
SEP	876·5	874·4	874·6	15·7	26·0	18·9	9·4	12·8	9·8	44	17	27	1·0	1·5	0·9
OCT	873·3	870·8	871·0	20·0	28·6	22·1	12·7	15·0	13·0	44	21	34	2·8	4·3	3·3
NOV	873·1	870·8	870·6	21·8	28·9	23·5	15·2	17·0	15·6	50	29	44	3·6	5·4	4·0
DEC	871·5	869·9	869·5	21·3	27·9	23·0	17·1	18·6	17·2	67	42	58	4·5	5·3	3·6
J/Y	874·5	872·8	872·8	16·2	25·3	18·7	11·6	14·7	12·4	59	31	48	2·7	3·6	2·6

1959	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·9	16·3	23·1	−0·4	35·4	18	9·8	14	22·3	24	19·5	28	131·1	51·2	24
FEB	29·6	16·8	23·2	0·6	33·3	27	13·5	16	23·7	15	19·0	12	65·2	29·9	14
MAR	29·2	15·3	22·3	1·3	33·4	29	7·5	19	21·8	18	20·2	6	18·3	7·5	17
APR	27·4	13·1	20·3	2·4	32·8	5	4·3	30	14·5	30	16·5	12	74·0	30·4	23
MAY	21·1	6·5	13·8	−0·3	27·4	7	0·5	16	10·9	16	15·6	11	21·6	11·0	11
JUN	21·4	5·3	13·3	2·2	25·6	7	1·5	10	16·0	9	11·7	30	2·1	1·8	7
JUL	19·8	5·4	12·6	1·7	23·0	25	1·2	18	12·0	17	12·0	28	15·2	11·5	13
AUG	22·1	4·5	13·3	−0·6	27·3	29	−1·0	6	15·5	17	9·5	29	0·9	0·9	10
SEP	26·8	9·8	18·3	0·7	32·2	29	−0·5	2	14·7	13	20·0	30	0·0	0·0	–
OCT	29·8	14·2	22·0	0·5	36·6	17	1·0	6	18·6	5	21·2	27	18·3	9·0	29
NOV	30·2	16·2	23·2	1·1	36·7	28	10·0	1	25·0	17	21·5	30	101·8	49·0	17
DEC	29·2	16·8	23·0	−0·2	34·1	15	12·5	5	20·9	3	21·6	16	131·9	49·5	2
J/Y	26·4	11·7	19·1	0·8	36·7	–	−1·0	–	10·9	–	21·6	–	580·4	51·2	–

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <−2·5	<0·0	<5	>20	⚡	▲	✱	≡
JAN	11	9	4	2	1	16	0	0	0	0	0	0	18	1	0	0
FEB	10	4	2	1	0	12	0	0	0	0	0	0	10	0	0	0
MAR	3	3	0	0	0	12	0	0	0	0	0	1	9	0	0	0
APR	7	6	2	1	0	8	1	0	0	0	1	0	12	0	0	0
MAY	5	2	1	0	0	0	6	0	0	0	12	0	1	0	0	2
JUN	2	1	0	0	0	0	2	0	0	0	17	0	2	0	0	0
JUL	3	2	1	0	0	0	5	0	0	0	15	0	0	0	0	0
AUG	1	0	0	0	0	0	3	0	0	1	19	0	0	0	0	0
SEP	0	0	0	0	0	6	1	0	0	1	5	0	0	0	0	0
OCT	7	3	0	0	3	18	0	0	0	0	3	3	11	0	0	0
NOV	7	6	2	2	2	15	0	0	0	0	0	1	10	0	0	0
DEC	15	10	5	2	0	12	0	0	0	0	0	1	14	0	0	0
J/Y	71	46	17	8	6	99	18	0	0	2	72	6	87	1	0	2

509/123 ZEERUST — TRONK / GAOL — φ 25°33' S, λ 26°05' E — P BY/AT 1250GPM, H 1207M — HT 1·2M, HR 1·2M — F3

1959	P IN MB 08	14	20	T IN °C 8	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	877·2	875·2	874·9	21·0	29·3	23·9	17·0	19·2	17·5	68	39	55	3·7	3·7	3·2
FEB	877·4	875·3	875·3	21·0	28·9	24·3	17·7	19·9	18·4	73	43	57	2·6	3·9	3·0
MAR	879·6	877·5	877·3	19·3	28·9	23·2	15·9	18·4	16·7	71	36	53	3·5	3·5	1·9
APR	879·9	877·7	878·1	15·7	26·8	19·9	13·0	16·9	14·5	74	37	57	2·5	2·7	2·4
MAY	878·0	876·1	877·2	8·3	21·8	12·8	6·7	13·2	9·5	82	38	66	1·7	1·6	1·1
JUN	884·3	882·3	883·2	5·6	21·9	11·0	4·1	12·6	7·6	80	31	61	1·2	1·6	0·6
JUL	885·1	883·0	883·5	5·4	19·9	11·6	4·0	11·4	7·7	80	33	59	2·4	1·5	1·0
AUG	883·4	880·9	881·6	6·9	22·4	13·7	3·7	11·3	7·3	60	22	38	0·5	0·8	0·1
SEP	882·2	879·4	879·8	13·9	26·8	19·1	9·0	14·4	11·0	52	23	35	1·0	1·1	0·6
OCT	879·0	875·8	876·1	20·0	29·7	23·3	13·6	16·7	14·2	49	25	36	2·5	2·8	1·7
NOV	878·6	875·9	875·8	21·8	29·4	23·9	16·1	18·2	16·3	56	33	47	2·9	3·8	3·1
DEC	877·1	874·9	874·4	21·3	28·2	23·8	17·9	19·6	18·1	73	47	59	4·4	4·0	3·5
J/Y	880·1	877·8	878·1	15·0	26·2	19·2	11·6	16·0	13·2	68	34	52	2·4	2·6	1·9

1959	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	30·5	16·2	23·3	−0·6	35·8	21	7·5	15	20·3	24	20·5	28	110·8	37·0	28
FEB	30·6	17·0	23·8	0·7	35·2	27	13·8	24	22·1	15	20·0	28	37·7	15·6	18
MAR	30·1	15·2	22·7	1·4	35·8	24	9·2	19	23·6	11	21·8	6	11·9	5·6	8
APR	27·7	11·8	19·7	1·8	33·3	5	4·5	9	15·7	30	17·8	12	58·4	15·8	29
MAY	22·6	4·9	13·7	−0·2	29·0	7	−0·6	28	11·6	16	16·6	11	57·2	34·6	12
JUN	22·6	2·6	12·6	1·9	27·1	6	−2·2	15	17·1	30	11·7	8	0·1	0·1	7
JUL	20·7	3·0	11·9	1·4	23·3	23	−1·2	16	12·8	17	11·2	6	9·0	6·0	13
AUG	23·2	2·5	12·9	−1·0	28·2	28	−1·7	6	18·2	17	10·3	5	0·0	0·0	–
SEP	27·7	7·9	17·8	0·1	34·0	29	−1·0	3	17·2	13	21·5	30	0·5	0·5	11
OCT	30·6	14·0	22·3	0·9	37·0	17	3·3	6	21·2	8	23·5	19	19·4	7·0	20
NOV	30·8	16·4	23·6	0·9	37·9	28	10·8	5	23·5	17	21·2	30	45·3	13·7	17
DEC	29·7	17·1	23·4	−0·3	35·3	28	13·2	9	18·4	3	20·8	16	90·6	30·2	3
J/Y	27·2	10·7	18·9	0·5	37·9	–	−2·2	–	11·6	–	23·5	–	440·9	37·0	–

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <−2·5	<0·0	<5	>20	⚡	▲	✱	≡
JAN	13	8	3	3	1	20	0	0	0	0	0	1	14	1	0	0
FEB	8	4	2	0	1	15	0	0	0	0	0	0	9	0	0	0
MAR	4	3	0	0	2	18	0	0	0	0	0	1	2	0	0	0
APR	9	7	3	0	0	6	1	0	0	0	1	0	9	0	0	0
MAY	6	3	2	1	0	0	4	0	0	3	20	0	4	0	0	0
JUN	1	0	0	0	0	0	1	0	0	5	23	0	1	0	0	0
JUL	3	2	0	0	0	0	3	0	0	5	22	0	0	0	0	1
AUG	0	0	0	0	0	0	0	0	0	3	26	0	0	0	0	0
SEP	1	0	0	0	0	8	1	0	0	3	8	1	2	0	0	0
OCT	7	5	0	0	3	21	0	0	0	0	2	1	10	0	0	0
NOV	11	8	2	0	3	19	0	0	0	0	0	2	9	1	0	0
DEC	13	12	3	1	1	16	0	0	0	0	0	2	16	0	0	0
J/Y	76	52	15	5	11	123	10	0	0	19	102	8	76	2	0	1

W I N D O N T L E D I N G W I N D A N A L Y S I S

508/232 MAFEKING φ 25°52' S λ 25°38' E H 1277M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	15	5·7			24	4·6			12	4·5			5	3·1		
FEB	14	3·1			25	3·4			10	3·6			2	7·2		
MAR	17	3·9			26	3·9			8	3·4			6	4·0		
APR	14	4·7			35	5·2			9	3·4			1	7·7		
MAY	10	4·5			19	6·4			7	3·3			3	2·2		
JUN	4	4·9			12	2·8			19	2·8			5	3·9		
JUL	5	4·7			23	4·0			21	3·0			3	2·4		
AUG	3	3·6			13	3·0			13	2·8			8	3·3		
SEP	6	4·0			23	5·0			8	3·6			4	4·1		
OCT	11	3·9			33	6·1			5	6·7			3	8·1		
NOV	17	4·3			32	5·6			8	3·4			3	6·8		
DEC	17	3·9			37	4·7			5	3·5			4	7·1		
J/Y	133	4·2			302	4·7			125	3·3			47	4·5		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	10	3·8			2	5·7			5	4·1			7	5·8		
FEB	4	2·9			2	4·1			2	2·1			5	3·8		
MAR	5	3·2			3	5·0			0	0·0			7	3·0		
APR	2	2·6			2	3·3			2	4·6			8	5·7		
MAY	4	3·2			8	3·8			7	3·0			9	5·2		
JUN	6	7·1			1	7·2			4	3·3			5	4·7		
JUL	2	2·6			10	2·8			3	5·5			4	4·6		
AUG	7	4·8			6	5·0			4	3·6			5	4·7		
SEP	9	3·6			5	6·1			3	4·1			7	5·6		
OCT	5	6·1			4	8·2			8	4·7			8	5·2		
NOV	2	5·1			2	4·6			2	3·3			10	3·2		
DEC	4	4·5			3	3·8			6	3·8			4	4·5		
J/Y	60	4·2			48	4·6			46	3·9			79	4·7		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0–1·0	1·1–1·5	1·6–3·3	3·4–5·4	5·5–7·9	8·0–10·7	10·8–13·8	13·9–17·1	17·2–20·7	20·8–24·4	24·5–28·4	28·5–32·6	32·7 + M/SEC
JAN	13	8	22	25	21	3	1	0	0	0	0	0	0
FEB	20	8	30	22	3	1	0	0	0	0	0	0	0
MAR	21	19	21	20	9	3	0	0	0	0	0	0	0
APR	17	7	21	22	15	6	1	1	0	0	0	0	0
MAY	26	13	19	16	11	6	2	0	0	0	0	0	0
JUN	34	11	21	14	8	1	1	0	0	0	0	0	0
JUL	22	13	30	17	11	0	0	0	0	0	0	0	0
AUG	34	18	21	12	3	2	3	0	0	0	0	0	0
SEP	25	7	18	20	14	6	0	0	0	0	0	0	0
OCT	16	7	14	10	36	7	3	0	0	0	0	0	0
NOV	14	7	23	27	13	5	1	0	0	0	0	0	0
DEC	13	12	20	30	13	4	1	0	0	0	0	0	0
J/Y	255	130	260	235	157	44	13	1	0	0	0	0	0

509/123 ZEERUST φ 25°33' S λ 26°05' E H 1207M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	4	4·1			30	3·7			8	2·6			1	6·7		
FEB	5	3·4			20	4·3			15	2·8			2	3·6		
MAR	6	4·8			31	3·4			2	2·6			7	3·2		
APR	5	3·8			19	3·3			10	3·2			0	0·0		
MAY	7	4·4			8	7·0			2	3·6			0	0·0		
JUN	5	3·8			6	2·9			3	3·2			1	2·6		
JUL	4	3·1			13	3·9			6	2·9			1	2·6		
AUG	0	0·0			14	3·1			1	6·7			4	6·7		
SEP	4	4·8			27	4·5			0	0·0			1	2·6		
OCT	6	4·3			39	4·3			0	0·0			4	4·3		
NOV	6	5·1			39	4·0			8	3·7			0	0·0		
DEC	1	2·6			33	4·0			5	3·8			3	4·8		
J/Y	53	4·2			279	4·0			60	3·1			24	4·2		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	1	4·6			6	2·9			2	5·9			12	3·2		
FEB	2	3·9			1	2·6			2	2·6			2	3·6		
MAR	3	5·5			0	0·0			2	2·6			4	2·6		
APR	0	0·0			2	4·6			3	3·2			8	3·6		
MAY	5	5·2			2	3·6			5	3·4			7	4·8		
JUN	3	5·5			1	2·6			1	4·6			4	3·1		
JUL	2	4·6			1	4·6			4	4·8			6	3·2		
AUG	6	4·0			2	4·6			7	4·4			3	4·8		
SEP	4	7·1			1	2·6			2	3·6			4	7·5		
OCT	5	4·3			1	9·3			4	4·3			14	4·7		
NOV	1	9·3			0	0·0			2	3·6			12	3·8		
DEC	0	0·0			1	2·6			3	2·6			14	4·0		
J/Y	32	5·3			18	3·8			37	3·9			90	4·0		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0–1·0	1·1–1·5	1·6–3·3	3·4–5·4	5·5–7·9	8·0–10·7	10·8–13·8	13·9–17·1	17·2–20·7	20·8–24·4	24·5–28·4	28·5–32·6	32·7 + M/SEC
JAN	29	0	43	16	2	3	0	0	0	0	0	0	0
FEB	35	0	32	13	0	4	0	0	0	0	0	0	0
MAR	38	0	37	14	1	3	0	0	0	0	0	0	0
APR	43	0	31	12	4	0	0	0	0	0	0	0	0
MAY	57	0	17	9	0	10	0	0	0	0	0	0	0
JUN	66	0	16	6	1	1	0	0	0	0	0	0	0
JUL	56	0	24	9	2	2	0	0	0	0	0	0	0
AUG	56	0	25	4	4	3	0	0	1	0	0	0	0
SEP	47	0	22	7	4	9	1	0	0	0	0	0	0
OCT	20	0	40	14	8	11	0	0	0	0	0	0	0
NOV	22	0	41	15	3	9	0	0	0	0	0	0	0
DEC	33	1	31	22	2	4	0	0	0	0	0	0	0
J/Y	502	1	359	141	31	59	1	0	1	0	0	0	0

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

511/523 RUSTENBURG LANDBOU AGRIC # 25°43'S X 27°18'E P BY/AT 1200GPM H 1157M HT 1·2M HR 1·2M Q2 Q2

% DONDER
▲ HAEL
✱ SNEEU
≡ MIS
D DATUM
$ PERSENTASIE

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	882·7	880·7	880·4	20·8	26·7	21·7	17·0	18·9	17·5	69	48	67	4·4	5·0	4·1
FEB	882·9	880·7	880·4	21·1	27·7	22·4	17·8	19·5	18·3	72	47	68	3·1	4·7	4·1
MAR	885·0	882·6	882·7	19·7	27·8	21·0	16·1	18·2	16·1	69	39	61	3·1	5·7	2·6
APR	885·3	883·1	883·0	016·9	26·1	18·7	13·6	16·6	13·7	69	38	57	1·7	2·9	1·6
MAY	883·6	881·6	882·4	10·1	20·9	12·2	7·8	12·3	9·0	73	36	65	2·2	2·0	1·3
JUN	889·5	887·5	888·3	8·0	21·3	11·1	5·7	12·5	7·5	71	34	61	1·0	1·9	0·9
JUL	890·3	888·4	888·9	7·6	19·3	10·9	5·7	11·2	7·2	76	35	59	2·7	2·2	1·4
AUG	888·5	886·1	886·6	9·4	21·9	12·5	5·3	10·9	6·7	52	21	42	0·8	1·2	0·7
SEP	887·5	884·6	885·0	15·5	25·7	17·0	9·8	13·5	10·0	48	22	39	1·6	2·1	1·5
OCT	884·5	881·3	881·5	19·7	28·5	21·4	13·4	15·9	13·6	48	25	41	2·9	4·3	3·5
NOV	884·2	881·4	881·8	20·6	27·3	21·7	15·9	17·7	15·7	62	40	55	4·0	4·6	4·2
DEC	882·7	880·8	880·0	20·9	26·5	22·4	17·5	19·3	17·9	73	52	67	5·3	5·4	4·3
J/Y	885·6	883·2	883·4	15·9	25·0	17·7	12·1	15·5	12·8	65	36	57	2·7	3·3	2·5

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	28·5	15·7	22·1	-1·1	35·2	5	7·5	15	21·2	7	19·5	28	116·6	17·5	6
FEB	29·0	16·1	22·5	-0·2	32·4	27	13·6	17	21·5	15	18·9	28	73·0	37·5	15
MAR	29·1	14·5	21·8	0·7	33·0	30	10·5	19	22·0	10	18·9	6	22·8	9·6	8
APR	27·1	11·3	19·2	1·1	31·7	5	4·4	10	17·3	29	15·6	27	44·5	20·0	29
MAY	21·8	5·9	13·9	-0·6	28·0	10	0·3	23	14·0	16	13·7	13	53·2	17·8	11
JUN	22·0	4·5	13·3	1·7	26·7	6	1·5	13	18·4	9	10·1	4	0·6	0·6	8
JUL	20·3	4·4	12·3	1·1	22·5	12	-1·2	30	12·2	17	10·2	14	14·7	10·9	17
AUG	22·7	3·5	13·1	-0·8	29·0	30	0·6	4	17·0	31	6·1	3	0·0	0·0	-
SEP	26·9	7·8	17·3	-0·4	34·2	29	-0·2	2	17·5	13	17·3	30	0·5	0·4	11
OCT	29·8	12·8	21·3	0·3	36·4	17	2·7	6	19·6	5	20·3	19	12·7	3·8	9
NOV	29·3	14·9	22·1	0·3	35·5	28	10·0	4	22·4	3	18·4	28	177·7	56·4	19
DEC	28·0	16·5	22·3	-0·6	33·6	15	14·0	5	18·2	6	19·5	17	72·6	17·6	6
J/Y	26·2	10·7	18·5	0·2	36·4	-	-1·2	-	12·2	-	20·5	-	568·9	56·4	-

GEMIDDELDE LUGDRUK TEMP
GEMIDDELDE DROEBOL TEMP
GEMIDDELDE NATBOL TEMP
GEMIDDELDE RELATIEWE VOG
GEM WOLKSHOEVEELHEID
GEMIDDELDE MAKSIMUM TEMP
GEMIDDELDE MINIMUM TEMP
TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN | NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MAX TEMP | MIN TEMP

1959	≥0·1	≥1·0	≥10	≥25	≥35	≥30	<17·5	<10	<-2·5	<0·0	<5	>20	%	▲	✱	≡
JAN	15	12	5	0	0	11	0	0	0	0	0	0	16	0	0	0
FEB	9	8	3	1	0	10	0	0	0	0	0	0	14	0	0	0
MAR	6	4	0	0	0	12	0	0	0	0	0	0	3	0	0	0
APR	6	5	2	0	0	5	1	0	0	0	2	0	2	0	0	0
MAY	5	4	1	0	0	0	3	0	0	0	17	0	2	0	0	0
JUN	1	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0
JUL	3	2	1	0	0	0	2	0	0	1	19	0	1	0	0	0
AUG	0	0	0	0	0	0	1	0	0	0	24	0	0	0	0	0
SEP	2	0	0	0	0	5	0	0	0	2	7	0	2	0	0	0
OCT	8	5	0	0	3	18	0	0	0	0	1	1	14	1	0	0
NOV	13	8	5	3	1	12	0	0	0	0	0	0	13	1	0	0
DEC	16	12	1	0	0	8	0	0	0	0	0	0	8	0	0	0
J/Y	84	60	18	4	4	81	7	0	0	3	89	1	75	2	0	0

513/405A PRETORIA WEERBURO WEATHER BUREAU # 25°45'S X 28°14'E P BY/AT 1400GPM H 1369M HT 1·2M HR 1·2M L8 L8

% THUNDER
▲ HAIL
✱ SNOW
≡ FOG
D DATE
$ PERCENTAGE

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	862·3	860·4	860·4	19·5	25·1	20·6	16·4	18·4	16·8	73	53	69	4·4	5·2	4·2
FEB	862·5	860·5	860·9	19·7	26·1	20·9	16·6	18·8	17·5	74	50	72	3·0	5·1	3·5
MAR	864·5	862·4	862·7	18·6	25·6	20·0	15·4	17·5	15·7	71	45	64	2·8	4·1	2·4
APR	864·8	862·6	863·2	16·1	24·4	17·6	13·4	16·0	13·5	74	41	63	2·7	3·2	2·2
MAY	862·7	860·7	862·0	9·6	19·9	11·5	7·3	11·5	8·3	73	35	65	2·2	2·3	1·0
JUN	868·6	866·5	867·5	7·3	20·5	10·3	5·3	11·1	6·7	74	29	59	1·1	1·3	0·9
JUL	869·2	867·2	868·1	7·7	18·4	10·4	5·6	10·4	6·8	73	35	59	2·3	2·2	1·2
AUG	867·3	865·1	865·9	9·5	20·3	12·0	5·6	10·0	6·4	55	22	42	0·9	0·9	0·3
SEP	866·7	864·0	864·8	14·6	23·9	17·0	9·6	12·8	10·2	53	25	41	1·6	1·6	1·4
OCT	864·1	861·0	861·8	18·6	26·0	19·8	13·1	15·2	13·2	54	31	47	3·0	3·3	2·5
NOV	863·9	861·3	862·0	18·9	25·3	19·5	15·0	17·0	15·1	67	44	64	3·9	4·4	4·0
DEC	862·2	860·4	860·3	19·9	25·0	20·9	16·4	18·3	17·0	071	54	69	5·0	5·1	4·5
J/Y	864·9	862·7	863·3	15·0	23·4	16·7	11·6	14·7	12·3	68	39	59	2·7	3·2	2·3

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	27·3	15·1	21·2	-0·3	30·5	21	8·1	15	20·1	25	18·5	28	191·4	86·7	25
FEB	27·5	15·3	21·4	0·1	30·5	27	11·0	22	20·7	15	18·3	15	66·5	17·7	15
MAR	26·8	14·2	20·5	0·8	31·3	29	10·3	19	18·2	10	18·8	5	50·9	45·2	6
APR	25·2	12·0	18·6	1·5	30·2	5	7·2	30	16·3	30	16·6	5	58·8	18·0	6
MAY	20·6	5·5	13·1	-0·1	26·6	10	0·4	24	13·0	17	13·0	13	21·3	9·0	11
JUN	21·2	4·3	12·7	1·9	24·8	1	0·9	14	16·3	8	9·4	4	0·0	0·0	-
JUL	19·3	4·7	12·0	1·2	22·6	13	1·2	23	11·3	17	9·8	17	11·0	10·7	17
AUG	21·3	4·4	12·9	-0·9	26·9	30	0·2	4	14·3	31	7·2	3	0·0	0·0	-
SEP	25·0	8·5	16·7	-0·4	31·3	29	-0·2	2	17·0	1	14·1	30	11·5	10·8	13
OCT	27·4	13·2	20·3	0·6	34·4	17	4·6	6	18·5	5	20·8	18	21·6	9·0	24
NOV	27·0	14·3	20·7	0·4	32·6	27	8·3	4	18·1	3	17·9	28	103·0	26·2	9
DEC	26·9	16·1	21·5	0·0	32·8	16	13·1	8	18·2	6	20·2	17	147·9	71·0	17
J/Y	24·6	10·6	17·6	0·4	34·4	-	-0·2	-	11·3	-	20·8	-	663·9	86·7	-

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN | NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MAX TEMP | MIN TEMP

1959	≥0·1	≥1·0	≥10	≥25	≥35	≥30	<17·5	<10	<-2·5	<0·0	<5	>20	%	▲	✱	≡
JAN	15	10	3	2	0	4	0	0	0	0	0	0	15	0	0	0
FEB	8	7	3	0	0	2	0	0	0	0	0	0	9	1	0	0
MAR	11	3	1	1	0	4	0	0	0	0	0	0	2	0	0	0
APR	8	5	2	0	0	1	1	0	0	0	0	0	5	0	0	0
MAY	5	3	0	0	0	0	5	0	0	0	15	0	1	0	0	1
JUN	0	0	0	0	0	0	1	0	0	0	19	0	0	0	0	0
JUL	2	1	1	0	0	0	3	0	0	0	19	0	0	0	0	0
AUG	0	0	0	0	0	0	1	0	0	0	17	0	0	0	0	0
SEP	2	1	1	0	0	2	1	0	0	1	5	0	2	0	0	0
OCT	12	5	0	0	0	11	0	0	0	0	1	1	15	0	0	0
NOV	14	11	4	1	0	4	0	0	0	0	0	0	16	1	0	0
DEC	15	12	4	1	0	8	0	0	0	0	0	1	9	1	0	0
J/Y	92	58	19	5	0	36	12	0	0	1	76	2	74	3	0	1

W I N D O N T L E D I N G W I N D A N A L Y S I S

511/523 RUSTENBURG ø 25°43'S λ 27°18'E H 1157M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	9	2·5	6	2·0	5	2·5	4	2·2	4	3·9	4	2·3	4	2·3	2	2·8
FEB	14	3·6	1	2·6	7	2·5	4	3·7	8	3·4	4	2·2	3	1·7	2	1·8
MAR	8	3·6	0	0·0	7	3·0	7	4·1	4	2·6	4	4·4	1	1·5	4	1·6
APR	9	3·4	5	3·7	1	2·6	3	3·1	3	3·1	6	2·4	0	0·0	5	1·7
MAY	4	4·8	1	2·1	3	2·9	3	3·1	1	1·5	1	1·5	1	1·5	1	6·7
JUN	5	3·1	4	2·7	0	0·0	2	3·4	0	0·0	1	2·1	0	0·0	0	0·0
JUL	2	4·1	4	2·9	3	3·4	1	1·5	3	3·9	2	2·1	3	1·9	3	1·7
AUG	6	2·6	0	0·0	1	2·6	1	4·1	3	2·9	2	2·8	3	2·1	8	2·3
SEP	3	3·5	4	3·7	6	2·3	5	3·4	8	2·5	4	2·4	3	2·4	6	2·3
OCT	9	4·5	1	4·1	11	4·1	8	2·8	9	3·4	2	2·3	2	3·9	2	1·8
NOV	10	2·9	8	2·6	8	3·9	9	3·3	10	3·3	2	1·8	3	3·5	2	1·5
DEC	5	4·2	3	3·2	10	3·1	8	2·6	2	2·3	1	1·5	1	2·6	2	1·5
J/Y	84	3·4	37	2·9	62	3·2	55	3·2	55	3·2	33	2·5	24	2·4	37	2·1

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	10	2·3	12	3·4	8	2·1	2	2·1	3	3·2	2	4·9	9	4·0	2	5·9
FEB	6	1·8	5	3·2	4	3·9	1	3·1	2	2·3	1	1·5	2	3·4	1	2·1
MAR	17	2·2	7	2·4	5	1·6	0	0·0	1	6·2	5	2·3	6	3·1	1	1·5
APR	22	2·0	6	2·7	3	6·0	6	2·8	4	2·6	3	4·5	3	3·1	8	2·9
MAY	24	2·1	11	3·5	14	3·3	2	2·9	4	3·6	2	3·8	2	5·7	3	3·6
JUN	23	2·2	10	2·3	10	3·2	0	0·0	0	0·0	3	2·4	1	1·5	2	2·8
JUL	35	2·3	5	3·1	6	4·0	1	2·6	3	3·3	1	1·5	2	1·8	4	2·1
AUG	37	2·6	10	2·2	7	3·4	0	0·0	3	4·8	6	3·7	2	2·8	1	5·1
SEP	16	2·8	10	3·8	12	2·9	3	2·7	1	5·7	4	4·5	3	2·6	3	2·7
OCT	15	3·7	12	3·6	2	8·2	3	4·3	1	5·7	5	3·8	8	3·5	4	2·2
NOV	7	2·7	4	2·3	4	3·3	3	8·4	3	2·7	4	3·6	2	1·8	6	4·8
DEC	9	2·7	3	2·7	4	2·3	2	1·8	0	0·0	6	3·5	7	2·6	8	2·9
J/Y	221	2·4	95	3·0	79	3·3	23	3·6	25	3·6	42	3·5	47	3·2	43	3·2

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/ SEK M/ SEC
JAN	37	18	47	18	3	0	0	0	0	0	0	0	0	
FEB	47	14	31	17	2	1	0	0	0	0	0	0	0	
MAR	47	26	28	19	4	0	0	0	0	0	0	0	0	
APR	30	28	38	19	1	0	1	0	0	0	0	0	0	
MAY	46	24	28	17	8	0	0	0	0	0	0	0	0	
JUN	59	25	27	7	2	0	0	0	0	0	0	0	0	
JUL	46	23	43	8	4	0	0	0	0	0	0	0	0	
AUG	33	27	46	11	4	2	0	0	0	0	0	0	0	
SEP	29	20	43	20	6	2	0	0	0	0	0	0	0	
OCT	30	15	36	27	12	3	1	0	0	0	0	0	0	
NOV	34	20	33	21	8	2	1	0	0	0	0	0	0	
DEC	20	22	30	17	2	0	0	0	0	0	0	0	0	
J/Y	458	262	430	201	56	10	3	0	0	0	0	0	0	

513/405A PRETORIA ø 25°45'S λ 28°14'E H 1369M HA 23M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	34	2·9	37	3·3	48	2·9	50	2·5	36	2·9	45	3·8	38	3·6	15	3·1
FEB	26	2·6	34	2·9	44	2·8	46	2·8	46	3·1	94	3·6	28	3·0	4	4·8
MAR	35	2·0	21	2·6	53	2·4	24	2·4	33	3·1	82	3·5	81	3·1	13	2·5
APR	25	3·2	51	3·5	29	3·1	54	2·7	36	2·5	66	3·2	33	3·8	15	3·3
MAY	12	3·3	17	3·4	14	3·5	23	3·9	14	4·1	49	3·5	22	4·2	34	3·4
JUN	8	2·9	20	2·7	6	3·3	21	2·7	12	3·6	73	3·1	32	4·3	15	3·2
JUL	15	3·1	36	3·6	27	3·5	39	3·9	18	4·1	93	4·1	31	4·0	25	3·3
AUG	9	2·5	20	2·8	11	2·5	34	3·0	16	3·6	101	3·7	47	4·7	33	3·1
SEP	22	3·7	84	3·9	46	4·1	51	3·0	17	3·3	95	3·6	33	7·1	34	4·6
OCT	33	4·3	70	4·8	86	4·6	54	3·8	53	3·6	69	4·2	30	5·1	26	5·6
NOV	38	3·3	87	3·9	51	3·7	79	3·5	47	3·0	101	4·2	16	4·0	17	3·4
DEC	33	3·5	46	3·7	115	3·6	45	2·9	51	3·1	75	4·8	47	4·9	5	3·1
J/Y	290	3·1	523	3·7	530	3·5	520	3·1	379	3·2	943	3·8	438	4·2	236	3·7

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	35	3·6	37	3·9	43	3·6	22	3·5	26	3·3	31	3·2	52	3·9	38	2·8
FEB	10	4·7	10	3·0	13	2·5	15	2·4	16	3·0	17	2·7	38	2·6	28	2·6
MAR	9	3·9	9	4·5	13	3·8	13	2·5	18	2·5	18	2·9	46	2·5	22	2·9
APR	9	3·5	21	3·7	25	5·1	19	4·1	18	3·3	46	3·1	32	3·1	46	2·5
MAY	38	4·4	73	3·9	40	3·9	35	3·5	19	4·2	66	3·8	27	3·6	40	3·6
JUN	17	4·3	38	4·5	23	4·1	20	3·0	11	3·0	42	2·9	20	2·6	23	2·9
JUL	24	3·6	26	3·6	33	5·1	18	4·0	25	4·4	45	2·9	12	2·8	21	3·2
AUG	24	3·6	60	4·5	35	4·9	21	3·9	14	4·3	99	3·6	15	3·2	19	2·4
SEP	16	5·0	29	4·5	19	5·4	30	4·3	14	4·0	45	3·1	16	3·3	43	3·6
OCT	23	6·9	52	6·0	16	5·4	16	5·4	25	4·8	26	5·1	46	3·9	52	3·8
NOV	11	5·6	25	4·9	14	4·4	17	3·6	12	3·6	42	3·7	13	3·2	78	3·0
DEC	15	3·5	21	4·6	22	4·0	5	3·2	20	4·0	35	4·1	48	3·5	30	2·9
J/Y	231	4·4	401	4·4	296	4·3	231	3·7	218	3·8	512	3·5	365	3·3	440	3·1

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/ SEK M/ SEC
JAN	157	63	503	164	51	6	0	0	0	0	0	0	0	
FEB	203	59	253	126	30	1	0	0	0	0	0	0	0	
MAR	254	65	285	115	25	0	0	0	0	0	0	0	0	
APR	195	51	259	174	38	3	0	0	0	0	0	0	0	
MAY	221	37	180	241	61	4	0	0	0	0	0	0	0	
JUN	339	28	188	119	41	5	0	0	0	0	0	0	0	
JUL	256	37	169	212	70	0	0	0	0	0	0	0	0	
AUG	186	31	262	179	69	16	1	0	0	0	0	0	0	
SEP	126	19	258	204	91	19	3	0	0	0	0	0	0	
OCT	67	19	187	259	174	36	2	0	0	0	0	0	0	
NOV	72	36	274	249	78	11	0	0	0	0	0	0	0	
DEC	131	43	251	214	98	7	0	0	0	0	0	0	0	
J/Y	2207	488	2869	2256	826	108	6	0	0	0	0	0	0	

KLIMAATTABELLE — STASIES VAN DIE EERSTE ORDE

CLIMATOLOGICAL TABLES — FIRST ORDER STATIONS

513/605 ROODEPLAAT — LANDBOU / AGRIC — φ 25°35'S, λ 28°21'E — P BY/AT 1200GPM, H 1164M — HT 1·2M, HR 1·2M — Q3 Q3

1959	P IN MB 08	14	20	T IN °C 08	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	-	-	-	21·1	27·0	21·7	17·5	19·6	17·9	70	47	69	3·7	4·5	4·5
FEB	-	-	-	20·9	27·1	21·6	17·6	19·3	18·4	73	48	75	2·7	4·3	4·2
MAR	-	-	-	19·4	27·2	20·5	16·2	17·9	16·1	72	41	63	2·6	3·6	2·4
APR	-	-	-	17·0	26·0	18·3	13·9	16·3	13·4	72	36	57	2·3	3·3	2·4
MAY	-	-	-	10·2	21·4	11·4	7·7	12·1	8·0	72	31	63	1·9	1·9	0·8
JUN	-	-	-	8·7	21·6	9·9	5·9	11·6	5·9	67	27	55	1·0	1·5	0·6
JUL	-	-	-	8·4	19·8	10·3	6·0	11·0	6·1	70	32	53	2·1	2·0	0·9
AUG	-	-	-	9·8	21·9	11·4	5·9	10·7	-	56	21	-	0·7	0·8	0·1
SEP	-	-	-	15·1	25·3	17·0	10·0	13·3	-	52	22	-	1·2	1·0	0·5
OCT	-	-	-	20·0	27·8	21·3	13·6	15·9	-	49	27	-	2·2	2·8	2·4
NOV	-	-	-	20·3	26·8	20·6	15·7	17·4	15·6	63	40	61	3·4	4·0	4·0
DEC	-	-	-	21·2	26·4	22·0	16·7	18·5	17·2	65	47	63	4·5	5·3	3·5
J/Y	-	-	-	16·0	24·9	17·2	12·2	15·3	-	65	35	-	2·4	2·9	2·2

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·0	15·9	22·5	-0·5	33·1	18	8·0	14	22·9	7	19·9	28	106·1	26·0	29
FEB	29·6	15·7	22·7	0·2	32·8	27	11·3	22	24·0	15	19·4	15	91·1	48·0	15
MAR	28·9	14·0	21·5	0·3	33·8	29	10·3	25	19·7	10	18·9	8	22·5	9·0	6
APR	27·5	11·7	19·6	1·1	32·6	5	8·4	18	18·1	30	15·1	29	24·2	9·1	29
MAY	22·6	5·1	13·9	-0·8	29·9	10	-0·7	23	14·8	17	14·3	13	14·7	7·2	12
JUN	22·6	4·1	13·3	1·8	26·5	1	-0·9	10	17·4	8	10·2	8	0·8	0·6	8
JUL	20·7	4·8	12·7	1·0	23·7	13	-0·3	18	13·5	17	11·0	14	6·0	6·0	17
AUG	22·9	3·8	13·3	-1·0	29·6	30	-1·0	7	16·4	31	6·7	8	0·0	0·0	-
SEP	26·5	8·2	17·3	-0·6	32·6	26	-2·0	3	18·0	1	14·8	27	6·5	6·0	12
OCT	29·0	13·7	21·3	0·0	35·8	17	3·9	6	20·2	5	19·7	19	32·7	12·5	24
NOV	28·0	14·9	21·5	-0·4	34·1	28	8·7	4	19·5	3	18·1	8	142·0	29·0	9
DEC	27·6	16·6	22·1	-0·8	33·3	16	13·8	8	19·2	6	19·7	27	93·5	48·2	17
J/Y	26·2	10·7	18·5	0·0	35·8	-	-2·0	-	13·5	-	19·9	-	540·1	48·2	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN ≥0·1	≥1·0	≥10	VAN RAIN ≥25	VAN ≥35	VAN ≥30	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN MIN TEMP <-2·5	<0·0	<5	VAN >20	≡	▲	✱	≡
JAN	13	11	6	1	0	13	0	0	0	0	0	0	11	0	0	0
FEB	9	7	3	1	0	15	0	0	0	0	0	0	10	1	0	0
MAR	6	4	0	0	0	13	0	0	0	0	0	0	4	0	0	0
APR	6	6	0	0	0	3	0	0	0	0	0	0	7	0	0	0
MAY	3	2	0	0	0	0	3	0	0	2	18	0	2	0	0	0
JUN	2	0	0	0	0	0	1	0	0	1	19	0	1	0	0	0
JUL	1	1	0	0	0	0	2	0	0	1	20	0	0	0	0	0
AUG	0	0	0	0	0	0	1	0	0	1	23	0	0	0	0	0
SEP	2	1	0	0	0	5	0	0	0	1	4	0	2	0	0	0
OCT	7	4	2	0	2	14	0	0	0	0	1	0	11	0	0	0
NOV	13	13	5	2	0	8	0	0	0	0	0	0	18	1	0	0
DEC	11	8	2	1	0	8	0	0	0	0	0	0	8	0	0	0
J/Y	73	57	18	5	2	79	7	0	0	6	85	0	74	2	0	0

584/730 GABERONES — BECH — φ 24°40'S, λ 25°55'E — P BY/AT 1000GPM, H 983M — HT 1·2M, HR 1·2M — Q4 Q4

1959	P IN MB 08	14	20	T IN °C 08	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	903·1	901·1	900·3	22·2	30·0	25·0	18·4	20·2	18·9	69	40	56	4·9	5·2	4·0
FEB	903·1	900·9	900·3	21·9	30·4	25·4	18·3	20·4	19·5	71	39	57	3·6	4·9	4·1
MAR	905·0	902·7	902·6	20·1	29·2	23·6	16·7	19·1	17·9	70	38	58	3·5	4·4	2·8
APR	905·5	903·1	903·0	17·6	27·8	21·4	14·2	17·5	15·2	69	34	51	3·4	4·3	2·8
MAY	904·3	902·2	-	10·7	23·4	-	8·2	13·5	-	71	30	-	1·9	2·2	-
JUN	910·3	908·3	-	7·9	22·9	-	5·5	12·7	-	69	26	-	1·1	2·4	-
JUL	911·2	909·2	-	7·6	21·1	-	5·7	12·2	-	75	31	-	2·7	2·4	-
AUG	909·3	907·1	907·2	9·6	23·6	14·8	5·5	12·4	8·4	51	22	38	0·7	1·2	0·4
SEP	908·1	905·2	905·4	15·8	27·3	19·9	9·9	14·4	11·5	45	20	30	1·2	1·0	0·6
OCT	904·8	901·2	901·2	20·9	31·0	25·5	13·8	16·9	15·2	44	21	30	2·8	2·9	2·5
NOV	904·5	901·2	901·3	22·7	30·5	25·6	16·5	18·7	17·4	53	31	43	3·2	3·8	3·2
DEC	902·7	900·2	899·9	22·9	29·4	24·9	18·7	20·3	19·3	67	44	60	4·5	4·4	3·1
J/Y	906·0	903·5	-	16·7	27·2	-	12·6	16·5	-	63	31	-	2·0	3·3	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	31·4	17·7	24·5	-0·6	35·5	17	8·3	15	23·7	7	22·0	29	33·9	14·5	7
FEB	31·9	18·1	25·0	0·4	36·6	27	15·9	22	25·3	15	21·2	12	55·2	23·3	8
MAR	30·2	16·2	23·2	0·5	36·5	5	10·5	19	21·9	11	24·3	6	37·5	18·3	8
APR	29·2	13·7	21·5	2·0	34·4	5	7·8	20	18·3	30	18·0	14	28·7	11·4	28
MAY	24·4	7·2	15·8	0·6	31·1	10	1·8	27	14·7	16	15·2	12	55·8	47·0	11
JUN	23·7	5·1	14·4	2·3	28·2	6	1·0	15	20·0	30	12·5	30	0·0	0·0	-
JUL	22·0	5·1	13·5	1·6	25·7	12	2·2	18	15·0	17	11·5	28	15·8	7·5	13
AUG	24·4	5·0	14·7	0·0	30·6	30	2·4	4	18·9	17	8·2	31	0·0	0·0	-
SEP	28·4	9·8	19·1	0·2	34·3	29	1·2	5	18·9	13	19·9	30	0·8	0·8	11
OCT	32·1	15·8	23·9	1·0	38·7	18	5·2	6	23·7	5	21·9	19	25·1	9·8	20
NOV	32·2	17·7	24·9	1·1	39·1	28	13·4	5	26·3	3	21·9	15	50·9	17·0	11
DEC	31·1	18·6	24·9	0·3	37·0	16	14·8	7	20·4	6	22·0	17	83·1	38·2	3
J/Y	28·4	12·5	20·5	0·8	39·1	-	1·0	-	14·7	-	24·3	-	386·8	47·0	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN ≥0·1	≥1·0	≥10	VAN RAIN ≥25	VAN ≥35	VAN ≥30	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN MIN TEMP <-2·5	<0·0	<5	VAN >20	≡	▲	✱	≡
JAN	7	6	1	0	3	22	0	0	0	0	0	5	20	0	0	0
FEB	8	8	1	0	1	23	0	0	0	0	0	2	8	0	0	0
MAR	6	5	2	0	2	17	0	0	0	0	0	2	1	0	0	0
APR	4	4	1	0	0	16	0	0	0	0	0	0	7	0	0	0
MAY	3	2	1	1	0	3	2	0	0	0	11	0	0	0	0	0
JUN	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0
JUL	3	3	0	0	0	0	2	0	0	0	21	0	0	0	0	0
AUG	0	0	0	0	0	1	0	0	0	0	13	0	0	0	0	0
SEP	1	0	0	0	0	10	0	0	0	0	5	0	1	0	0	0
OCT	4	4	0	0	8	22	0	0	0	0	0	1	7	0	0	0
NOV	9	7	2	0	4	23	0	0	0	0	0	5	13	0	0	0
DEC	8	5	2	2	5	20	0	0	0	0	0	4	9	0	0	0
J/Y	53	44	10	3	23	157	4	0	0	0	66	19	66	0	0	0

W I N D O N T L E D I N G W I N D A N A L Y S I S

513/605 ROODEPLAAT ø 25°35' S λ 28°21' E H 1164M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	5	4·7			19	4·1			2	5·4			10	4·8		
FEB	3	2·9			15	4·6			1	2·1			10	4·7		
MAR	4	3·4			7	4·4			9	4·9			18	3·8		
APR	1	5·1			17	4·3			2	2·6			17	3·7		
MAY	4	4·1			9	3·6			7	2·3			12	3·5		
JUN	5	4·3			2	5·1			14	2·4			18	3·4		
JUL	6	3·2			9	3·7			11	3·1			18	3·3		
AUG	3	2·9			2	2·6			8	3·6			15	3·6		
SEP	1	5·1			13	5·8			2	2·8			13	4·7		
OCT	3	5·3			31	6·0			2	3·9			22	4·7		
NOV	2	5·7			33	5·0			4	5·8			12	4·5		
DEC	5	2·6			30	4·1			6	4·0			17	4·7		
J/Y	42	3·7			187	4·7			68	3·4			182	4·1		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	4	2·7			9	2·9			3	5·3			10	6·0		
FEB	0	0·0			3	3·4			4	5·0			9	4·2		
MAR	0	0·0			3	3·1			5	3·3			6	4·1		
APR	1	5·1			3	4·1			3	6·3			11	6·2		
MAY	2	4·6			4	5·8			4	5·5			15	5·4		
JUN	2	5·7			3	5·0			1	7·7			10	5·0		
JUL	2	5·9			5	5·5			3	5·1			4	4·9		
AUG	5	5·0			1	2·6			10	3·3			6	5·7		
SEP	7	4·8			8	5·1			3	4·1			7	5·8		
OCT	1	8·8			5	5·9			4	6·6			9	5·6		
NOV	2	6·2			4	6·4			5	3·0			14	4·8		
DEC	0	0·0			1	5·1			2	2·6			13	4·7		
J/Y	26	4·9			49	4·6			47	4·4			114	5·2		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+ M/SEC
JAN	31	3	25	17	13	4	0	0	0	0	0	0	0
FEB	39	1	18	13	12	1	0	0	0	0	0	0	0
MAR	41	3	24	16	6	3	0	0	0	0	0	0	0
APR	35	0	21	16	16	2	0	0	0	0	0	0	0
MAY	36	1	27	17	8	4	0	0	0	0	0	0	0
JUN	35	0	30	16	7	2	0	0	0	0	0	0	0
JUL	35	0	32	17	7	2	0	0	0	0	0	0	0
AUG	43	0	26	16	8	0	0	0	0	0	0	0	0
SEP	36	0	13	19	15	7	0	0	0	0	0	0	0
OCT	16	0	18	26	18	13	2	0	0	0	0	0	0
NOV	14	0	32	14	21	9	0	0	0	0	0	0	0
DEC	19	2	27	34	9	1	1	0	0	0	0	0	0
J/Y	380	10	273	221	140	48	3	0	0	0	0	0	0

584/730 GABERONES ø 24°40' S λ 25°55' E H 983M HA 6M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	4	2·8			19	4·3			9	4·0			0	0·0		
FEB	6	4·0			28	3·6			9	3·0			1	3·1		
MAR	13	3·4			32	3·8			8	4·1			3	3·1		
APR	7	4·0			28	3·4			5	3·7			1	3·6		
MAY	6	4·0			5	2·8			8	3·0			0	0·0		
JUN	5	2·0			9	3·5			7	2·7			2	4·4		
JUL	5	2·9			7	3·8			6	2·7			1	3·6		
AUG	6	2·7			6	3·3			16	3·7			2	3·1		
SEP	6	7·3			21	6·1			8	4·3			2	3·3		
OCT	11	5·1			24	5·4			15	6·1			1	2·6		
NOV	5	3·3			25	4·1			18	4·0			4	3·3		
DEC	5	2·6			16	3·8			19	4·5			3	2·7		
J/Y	79	3·8			220	4·2			128	4·0			20	3·2		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	6	5·0			4	6·9			2	2·3			3	5·8		
FEB	2	4·9			3	2·6			0	0·0			3	2·6		
MAR	7	3·1			0	0·0			0	0·0			1	3·1		
APR	5	8·1			7	3·4			1	3·6			2	1·8		
MAY	7	3·9			13	2·7			10	4·3			1	5·1		
JUN	6	3·3			10	2·9			2	4·6			1	3·1		
JUL	4	3·4			12	3·2			1	1·5			1	1·5		
AUG	8	4·3			15	3·6			0	0·0			3	5·8		
SEP	5	2·7			10	4·9			3	7·7			1	7·7		
OCT	11	4·8			7	4·0			2	3·3			2	2·6		
NOV	3	4·6			5	4·2			2	2·1			1	1·5		
DEC	4	3·1			6	2·9			0	0·0			0	0·0		
J/Y	68	4·3			92	3·6			23	4·2			19	3·9		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+ M/SEC
JAN	45	0	25	12	8	0	2	0	0	0	0	0	0
FEB	32	5	28	14	5	0	0	0	0	0	0	0	0
MAR	29	3	34	18	9	0	0	0	0	0	0	0	0
APR	34	5	22	23	4	1		2	0	0	0	0	0
MAY	12	8	20	19	2	1	0	0	0	0	0	0	0
JUN	18	9	18	13	2	0	0	0	0	0	0	0	0
JUL	43	6	16	14	1	0	0	0	0	0	0	0	0
AUG	37	8	22	19	5	2	0	0	0	0	0	0	0
SEP	35	3	10	24	11	5	3	0	0	0	0	0	0
OCT	20	4	19	25	15	8	1	1	0	0	0	0	0
NOV	27	8	22	22	8	3	0	0	0	0	0	0	0
DEC	40	11	13	24	3	2	0	0	0	0	0	0	0
J/Y	372	70	249	227	73	21	6	3	0	0	0	0	0

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

590/550A AMSTERDAM CRECY φ 24°40' S P BY/AT 1000GPM HT 1·2M K4
λ 28°49' E H 1056M HR 1·2M K4

1959	P IN MB 08	14	20	T IN °C 08	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	904·1	901·9	902·0	21·9	27·8	22·7	18·4	20·2	18·6	72	50	67	3·4	4·9	4·6
FEB	904·3	901·9	901·8	20·9	28·3	22·3	18·1	20·5	18·7	76	48	71	2·6	3·9	3·1
MAR	906·3	904·1	904·3	20·0	27·8	21·3	17·0	18·8	17·0	74	42	66	2·5	3·5	1·9
APR	907·2	904·1	904·9	18·0	28·0	19·3	14·7	18·4	14·6	70	38	60	1·6	3·0	1·6
MAY	905·7	903·2	904·4	11·5	24·2	13·6	8·8	14·1	9·2	69	30	55	1·6	1·7	0·7
JUN	910·9	909·0	909·3	8·5	23·4	11·7	6·0	13·4	7·3	69	28	51	0·4	1·0	0·5
JUL	911·4	910·0	910·3	8·7	21·3	12·3	6·4	12·7	8·2	70	34	56	1·7	2·4	1·6
AUG	909·6	907·5	907·9	11·2	23·6	15·7	7·4	13·1	8·0	58	26	42	0·6	0·9	0·5
SEP	908·9	905·6	906·5	16·2	27·1	17·9	11·0	15·1	10·7	52	24	39	1·2	1·1	0·5
OCT	906·9	902·3	903·5	20·7	30·3	21·8	15·1	17·8	15·0	54	27	48	2·5	3·2	3·1
NOV	906·1	902·7	903·6	21·3	28·4	21·3	16·7	18·9	16·7	65	40	65	3·1	3·9	3·6
DEC	904·00	901·8	901·9	21·4	27·0	22·5	18·1	19·9	18·7	75	52	70	4·1	5·5	3·8
J/Y	907·1	904·5	905·0	16·7	26·4	18·4	13·1	16·9	13·6	67	37	57	2·1	2·9	2·1

1959	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·5	16·2	22·9	-0·6	34·2	29	10·7	14	22·9	7	19·3	2	118·6	56·0	6
FEB	29·8	15·7	22·7	-0·4	33·3	27	11·2	22	25·4	1	19·9	15	52·8	23·9	18
MAR	29·3	13·5	21·4	-0·3	35·7	5	9·8	15	20·3	10	19·4	9	45·8	37·6	10
APR	28·9	10·7	19·8	0·8	33·3	4	6·6	9	19·9	23	14·9	23	10·7	5·0	23
MAY	25·2	5·4	15·3	0·0	31·7	9	0·4	28	17·2	17	14·1	13	19·2	15·2	12
JUN	24·1	3·4	13·7	1·4	28·7	3	-0·3	14	21·5	29	7·2	4	0·0	0·00	-
JUL	22·5	4·00	13·3	1·2	26·2	13	-0·3	18	16·6	18	11·5	8	1·0	1·0	5
AUG	25·0	4·0	14·5	-0·5	32·0	30	-0·2	20	18·5	9	8·0	30	0·0	0·0	-
SEP	28·7	7·5	18·1	-0·5	35·2	29	0·5	4	20·5	1	14·7	22	0·0	0·0	-
OCT	31·8	13·5	22·7	1·1	38·4	17	2·8	6	24·2	6	19·5	19	22·1	8·9	28
NOV	30·5	15·2	22·9	0·4	35·9	6	7·0	4	23·3	20	18·3	30	124·5	44·5	11
DEC	29·0	16·6	22·8	-0·5	34·6	16	13·5	7	16·7	6	20·2	18	142·0	59·8	6
J/Y	27·9	10·5	19·2	0·2	38·4	-	-0·5	-	16·6	-	20·2	-	536·7	59·8	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ⚡	▲	✱	≡
JAN	12	11	3	1	0	13	0	0	0	0	0	0	9	0	0	0
FEB	8	7	2	0	0	15	0	0	0	0	0	0	8	0	0	0
MAR	4	4	1	1	1	14	0	0	0	0	0	0	2	0	0	0
APR	4	2	0	0	0	11	0	0	0	0	0	0	2	0	0	0
MAY	5	3	1	0	0	4	1	0	0	0	16	0	-	0	0	0
JUN	0	0	0	0	0	0	0	0	0	1	23	0	0	0	0	0
JUL	1	1	0	0	0	0	2	0	0	2	22	0	0	0	0	0
AUG	0	0	0	0	0	1	0	0	0	1	22	0	1	0	0	0
SEP	0	0	0	0	2	11	0	0	0	0	10	0	2	0	0	0
OCT	6	6	0	0	10	20	0	0	0	0	1	0	11	0	0	0
NOV	15	14	4	1	2	15	0	0	0	0	0	0	16	1	0	0
DEC	14	12	4	2	0	15	1	0	0	0	0	1	11	0	0	2
J/Y	69	60	15	5	15	119	4	0	0	4	94	1	-	1	0	2

594/387 GROOTFONTEINBERG PILGRIMS REST φ 24°57' S P BY/AT 1600GPM HT 1·2M F8
λ 30°43' E H 1644M HR 1·2M F8

1959	P IN MB 08	14	20	T IN °C 08	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	844·2	843·5	843·4	16·4	20·3	16·3	14·9	17·0	15·0	87	73	89	6·3	6·0	6·4
FEB	844·4	843·7	843·6	16·4	20·1	16·2	15·0	17·0	15·1	87	74	90	4·7	5·2	5·4
MAR	846·0	845·2	845·3	15·4	19·8	14·9	13·5	15·8	13·7	82	68	88	5·1	5·4	5·0
APR	846·4	845·3	845·6	15·2	20·4	15·4	12·9	15·5	12·9	78	62	77	3·7	4·8	3·1
MAY	844·0	843·0	843·7	13·9	19·2	14·1	8·9	11·1	8·8	52	37	49	2·1	2·2	1·5
JUN	848·9	847·9	848·8	12·8	17·5	10·8	8·1	10·4	7·2	54	39	61	1·9	1·8	1·7
JUL	845·9	848·3	849·0	10·4	15·3	10·0	6·9	9·6	7·3	62	49	69	2·0	2·6	2·5
AUG	847·9	846·7	847·9	12·0	16·9	10·6	7·5	9·3	6·8	55	39	59	2·4	1·8	1·4
SEP	847·6	846·2	847·2	13·8	18·2	12·6	9·3	11·2	9·0	59	49	65	2·7	3·0	2·5
OCT	-	(843·7)	-	-	(20·8)	-	-	(14·3)	-	-	(50)	-	-	(4·7)	-
NOV	846·2	844·8	845·1	15·0	18·9	14·6	15·3	15·3	12·8	84	71	83	5·9	5·2	5·4
DEC	844·3	843·3	843·3	16·6	19·9	16·3	14·8	16·6	15·0	84	75	89	5·9	6·2	6·4
J/Y	-	(845·1)	-	-	(18·9)	-	-	(13·6)	-	-	(57)	-	-	(4·1)	-

1959	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	22·1	13·6	17·9	-	27·5	17	8·0	15	12·0	13	18·5	200	194·4	45·5	29
FEB	22·0	13·1	17·5	-	27·0	26	8·0	23	14·4	21	16·8	16	166·6	78·5	20
MAR	21·3	12·3	16·8	-	27·2	29	7·5	20	13·5	10	17·0	9	120·1	23·0	5
APR	21·8	12·1	16·9	-	28·6	4	8·2	19	13·4	26	17·0	25	20·4	8·0	12
MAY	20·2	9·4	14·8	-	25·8	9	2·4	18	10·9	18	15·0	8	9·7	3·0	12
JUN	19·0	8·2	13·6	-	24·2	6	4·5	11	12·1	25	13·0	1	0·6	0·6	8
JUL	16·5	7·2	11·9	-	23·0	22	2·8	18	10·0	5	9·8	8	19·2	7·5	8
AUG	18·3	7·6	12·9	-	26·2	30	2·8	21	8·4	17	11·0	5	2·2	1·2	8
SEP	20·5	8·6	14·5	-	27·5	9	2·0	2	10·0	10	14·6	26	48·9	36·0	13
OCT	21·9	11·1	16·5	-	31·5	17	3·8	7	11·7	20	19·4	18	47·3	16·0	23
NOV	21·3	11·7	16·5	-	29·5	27	5·5	4	9·5	2	15·4	1	147·3	31·5	15
DEC	21·9	13·4	17·7	-	29·8	17	8·4	3	12·6	6	19·3	17	211·5	55·0	6
J/Y	20·6	10·7	15·7	-	31·5	-	2·0	-	8·4	-	19·4	-	988·2	75·5	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ⚡	▲	✱	≡
JAN	21	16	4	3	0	0	3	0	0	0	0	0	20	0	0	17
FEB	20	13	6	1	0	0	3	0	0	0	0	0	14	0	0	2
MAR	16	14	4	0	0	0	5	0	0	0	0	0	11	0	0	4
APR	11	5	0	0	0	0	3	0	0	0	0	0	6	0	0	5
MAY	6	3	0	0	0	0	6	0	0	0	3	0	3	0	0	4
JUN	1	0	0	0	0	0	10	0	0	0	2	0	0	0	0	2
JUL	7	4	0	0	0	0	18	0	0	0	2	0	4	0	0	2
AUG	4	1	0	0	0	0	10	2	0	0	5	0	2	0	0	1
SEP	10	4	1	1	0	0	9	0	0	0	4	0	5	0	0	6
OCT	16	12	1	0	0	2	6	0	0	0	2	0	-	0	0	1
NOV	22	16	4	2	0	0	3	1	0	0	0	0	14	1	0	9
DEC	27	22	6	2	0	0	5	00	0	0	0	0	13	0	0	17
J/Y	161	110	26	9	0	2	81	3	0	0	18	0	-	1	0	70

W I N D O N T L E D I N G W I N D A N A L Y S I S

590/550A AMSTERDAM CRECY ø 24°40'S λ 28°49'E H 1036M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	16	2·9			18	3·4			7	2·4			3	1·9		
FEB	17	2·7			24	2·4			7	2·7			1	2·6		
MAR	11	3·4			21	2·7			12	2·7			2	2·1		
APR	12	3·1			11	3·2			10	2·9			1	3·1		
MAY	7	3·4			6	2·3			1	5·1			0	0·0		
JUN	5	3·3			4	2·8			3	1·9			3	3·1		
JUL	6	2·3			8	4·2			10	2·7			3	3·6		
AUG	8	3·0			9	2·9			9	3·0			2	2·6		
SEP	8	3·3			15	3·9			10	3·9			4	3·9		
OCT	18	2·5			33	4·0			10	6·8			3	2·1		
NOV	17	2·6			33	3·3			7	3·4			2	2·1		
DEC	15	3·1			34	3·1			10	2·7			0	0·0		
J/Y	140	2·9			216	3·2			96	3·3			24	2·8		

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	3	1·9			11	3·6			2	2·3			3	2·4		
FEB	2	2·1			3	2·2			5	2·8			3	2·1		
MAR	3	2·6			3	2·1			5	2·0			3	2·4		
APR	1	1·5			7	2·4			4	4·0			5	3·0		
MAY	5	4·4			20	3·3			13	3·3			6	3·1		
JUN	10	2·2			11	2·2			5	1·8			4	2·3		
JUL	4	2·1			8	2·2			11	2·5			7	2·4		
AUG	10	3·5			13	4·1			5	3·0			2	5·4		
SEP	5	4·3			9	3·7			2	2·3			6	3·4		
OCT	4	3·8			6	5·7			2	3·9			9	3·7		
NOV	2	5·4			4	2·2			3	2·6			7	2·5		
DEC	2	1·5			3	1·9			0	0·0			3	2·6		
J/Y	51	3·1			98	3·2			57	2·8			58	2·9		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	28	17	33	11	2	0	0	0	0	0	0	0	0	
FEB	21	18	42	2	0	0	0	0	0	0	0	0	0	
MAR	31	19	32	8	1	0	0	0	0	0	0	0	0	
APR	36	16	23	11	1	0	0	0	0	0	0	0	0	
MAY	35	12	28	15	3	0	0	0	0	0	0	0	0	
JUN	45	25	15	5	0	0	0	0	0	0	0	0	0	
JUL	35	22	24	9	2	0	0	0	0	0	0	0	0	
AUG	34	12	31	11	1	3	0	0	0	0	0	0	0	
SEP	30	6	31	16	5	1	0	0	0	0	0	0	0	
OCT	7	18	30	22	11	4	0	0	0	0	0	0	0	
NOV	12	22	36	13	2	2	0	0	0	0	0	0	0	
DEC	25	13	43	10	0	0	1	0	0	0	0	0	0	
J/Y	339	200	368	133	28	10	1	0	0	0	0	0	0	

594/387 GROOTFONTEINBERG ø 24°57'S λ 30°43'E H 1644M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	2	1·8			1	3·1			9	2·4			18	2·7		
FEB	2	1·5			4	2·3			8	2·5			18	3·1		
MAR	0	0·0			3	2·4			12	2·6			19	3·2		
APR	1	1·5			3	2·6			5	2·9			15	3·1		
MAY	7	3·1			2	2·3			2	2·8			5	2·9		
JUN	0	0·0			1	2·6			14	2·9			13	3·1		
JUL	2	2·3			0	0·0			4	2·8			16	2·8		
AUG	1	5·1			0	0·0			8	2·5			25	3·1		
SEP	2	3·6			0	0·0			8	2·9			26	3·7		
OCT	0	0·0			4	2·2			9	2·4			12	2·8		
NOV	2	2·1			2	2·6			13	2·7			11	3·3		
DEC	1	2·1			3	2·6			6	2·3			18	2·6		
J/Y	20	2·6			23	2·4			98	2·6			196	3·0		

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	2	2·3			0	0·0			9	5·1			11	3·1		
FEB	1	2·6			0	0·0			2	4·1			3	3·4		
MAR	1	6·2			1	4·1			1	5·1			2	3·1		
APR	0	0·0			1	3·1			11	3·1			9	3·7		
MAY	1	2·6			1	2·1			24	4·8			15	4·1		
JUN	0	0·0			0	0·0			15	3·3			3	5·0		
JUL	1	4·1			1	2·6			9	4·6			14	4·2		
AUG	0	0·0			1	2·1			12	3·9			9	3·4		
SEP	1	4·1			1	2·6			4	5·5			8	4·8		
OCT	0	0·0			1	4·1			2	2·6			5	3·3		
NOV	1	2·6			1	2·6			1	2·6			4	3·4		
DEC	1	3·1			1	3·1			8	4·1			4	3·8		
J/Y	9	3·3			9	2·9			98	3·8			87	3·8		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	38	7	33	7	5	0	0	0	0	0	0	0	0	
FEB	44	5	25	6	2	0	0	0	0	0	0	0	0	
MAR	43	1	27	9	2	0	0	0	0	0	0	0	0	
APR	34	6	24	14	1	0	0	0	0	0	0	0	0	
MAY	27	3	29	14	9	2	0	0	0	0	0	0	0	
JUN	52	1	28	17	0	0	0	0	0	0	0	0	0	
JUL	35	2	30	10	3	2	0	0	0	0	0	0	0	
AUG	35	3	37	14	1	1	0	0	0	0	0	0	0	
SEP	39	1	26	18	4	1	0	0	0	0	0	0	0	
OCT	25	6	19	8	0	0	0	0	0	0	0	0	0	
NOV	52	4	22	9	0	0	0	0	0	0	0	0	0	
DEC	41	1	34	6	1	0	0	0	0	0	0	0	0	
J/Y	445	40	334	132	28	6	0	0	0	0	0	0	0	

KLIMAATTABELLE — CLIMATOLOGICAL TABLES
STASIES VAN DIE EERSTE ORDE — FIRST ORDER STATIONS

595/ 32 FLEUR DE LYS

Ø 24°32' S λ 31°02' E — P BY/AT 600GPM — H 622M — HT 1·2M — HR 1·2M — F9 / F9

R DONDER
▲ HAEL
✱ SNEEU
≡ MIS
D DATUM
% PERSENTASIE

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REËNVAL
RX MAKSIMUM REËNVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROëBOL TERM
HR HOOGTE VAN REËNMETER
HA HOOGTE VAN ANEMOGRAAF

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROëBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

1959	P IN MB 08	P 14	P 20	T IN°C 08	T 14	T 20	T' IN°C 08	T' 14	T' 20	U IN % 08	U 14	U 20	N IN 0-8 08	N 14	N 20
JAN	948·6	946·6	946·3	21·8	27·9	22·8	19·4	21·5	20·2	81	57	79	5·7	5·8	5·7
FEB	948·6	947·0	946·5	21·5	27·3	22·4	19·5	21·5	20·1	84	59	81	5·0	4·6	3·3
MAR	950·6	948·7	949·1	20·3	27·2	21·1	18·2	20·1	18·6	82	52	79	5·3	4·7	3·4
APR	951·4	949·3	949·7	20·0	27·7	20·5	17·5	19·5	17·2	79	45	73	4·2	4·1	3·0
MAY	948·9	947·0	947·9	16·7	26·6	17·2	13·0	16·2	12·6	66	33	58	1·8	2·1	1·3
JUN	955·3	953·8	954·7	13·5	24·6	14·8	10·7	15·3	11·2	71	34	64	1·6	2·0	1·5
JUL	956·5	955·0	955·5	13·5	22·8	15·1	10·6	14·4	11·6	70	39	65	2·5	3·1	2·1
AUG	954·7	953·0	953·4	14·6	24·1	15·9	11·6	15·4	11·7	70	39	60	1·5	2·0	1·1
SEP	954·1	952·2	952·3	17·3	25·2	18·1	13·9	16·7	14·0	69	42	63	2·9	2·5	1·6
OCT	951·5	949·1	949·0	19·8	27·1	21·6	16·7	18·9	17·4	74	47	66	4·9	4·5	4·7
NOV	951·4	949·3	949·0	19·8	26·6	21·6	17·4	19·4	18·1	79	51	71	6·3	4·5	4·7
DEC	948·9	947·1	946·7	21·5	26·4	22·4	19·1	21·0	19·8	80	62	79	6·2	6·2	5·4
J/Y	951·7	949·8	950·0	18·4	26·1	19·5	15·6	18·3	16·0	75	47	70	4·0	3·8	3·1

UITERSTE TEMPERATURE / EXTREME TEMPERATURES — NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	29·0	18·7	23·9	0·0	36·0	20	14·0	14	21·7	7	21·5	20	165·1	71·8	6
FEB	28·8	18·5	23·7	-0·2	35·4	7	14·1	26	23·7	21	22·4	20	257·5	76·5	16
MAR	28·5	17·7	23·1	0·2	35·6	9	13·5	14	23·3	19	22·3	9	56·6	14·2	18
APR	28·9	17·2	23·1	2·2	35·4	8	13·4	20	23·8	9	20·1	11	3·9	1·0	12
MAY	27·5	12·0	19·7	1·0	35·1	8	6·6	24	17·1	16	18·7	15	3·7	3·3	15
JUN	25·6	9·6	17·6	1·3	30·6	6	5·0	14	21·2	25	14·7	4	0·0	0·0	-
JUL	23·8	10·2	17·0	1·1	27·9	11	5·7	23	17·5	9	14·9	16	9·3	3·2	9
AUG	25·3	9·7	17·5	-0·4	34·5	30	6·1	4	17·2	17	14·0	17	1·9	1·9	9
SEP	26·6	12·4	19·5	-0·4	35·5	9	5·2	2	15·6	13	19·8	21	47·7	33·0	13
OCT	28·3	16·3	22·3	0·2	40·2	31	9·8	8	18·0	20	22·0	31	22·0	8·4	23
NOV	28·1	17·0	22·5	-0·4	37·4	27	11·6	5	15·5	2	20·6	28	100·6	36·2	30
DEC	28·2	18·5	23·3	-0·4	37·5	16	14·6	7	17·7	6	25·0	17	97·8	23·2	22
J/Y	27·4	14·8	21·1	0·4	40·2	-	5·0	-	15·5	-	25·0	-	746·1	76·5	-

AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF R	▲	✱	≡
JAN	12	11	4	1	1	100	0	0	0	0	0	8	8	2	0	0
FEB	13	9	6	3	1	9	0	0	0	0	0	9	5	0	0	0
MAR	9	7	1	0	1	9	0	0	0	0	0	3	2	0	0	0
APR	5	2	0	0	1	11	0	0	0	0	0	1	1	0	0	0
MAY	2	1	0	0	1	11	1	0	0	0	0	0	1	0	0	0
JUN	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
JUL	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2
AUG	1	1	0	0	0	4	1	0	0	0	0	0	0	0	0	0
SEP	3	2	2	1	1	10	1	0	0	0	0	0	1	0	0	0
OCT	10	6	0	0	4	13	0	0	0	0	0	2	7	0	0	0
NOV	14	8	3	2	1	8	1	0	0	0	0	3	10	0	0	0
DEC	16	11	3	0	2	8	0	0	0	0	0	6	6	0	0	1
J/Y	90	62	19	7	13	94	4	0	0	0	0	32	41	2	0	5

619/661 TSANE — BECH

Ø 24°01' S λ 21°53' E — P BY/AT 1100GPM — H 1118M — HT 1·2M — HR 1·2M — Q5 / Q5

R THUNDER
▲ HAIL
✱ SNOW
≡ FOG
D DATE
% PERCENTAGE

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

1959	P IN MB 08	P 14	P 20	T IN°C 08	T 14	T 20	T' IN°C 08	T' 14	T' 20	U IN % 08	U 14	U 20	N IN 0-8 08	N 14	N 20
JAN	892·0	890·2	889·6	22·8	31·0	25·5	16·9	18·9	17·4	56	30	46	4·4	5·1	4·6
FEB	892·0	890·4	889·9	22·6	31·9	26·5	18·1	19·8	18·6	65	31	47	3·5	5·6	4·6
MAR	894·3	892·7	892·9	20·3	30·2	24·5	15·8	17·7	16·6	62	29	45	3·6	4·3	3·4
APR	894·7	892·7	893·0	17·5	28·8	22·0	13·4	17·7	14·8	63	32	46	3·0	4·5	3·2
MAY	894·1	892·6	893·5	9·7	23·3	15·6	6·8	13·7	9·9	68	34	47	1·3	0·5	0·7
JUN	899·0	897·4	897·9	6·7	22·6	14·5	4·5	12·8	8·5	72	28	40	1·5	1·9	1·2
JUL	899·5	898·1	898·3	6·9	21·3	14·1	4·2	11·7	7·5	64	29	37	1·9	1·4	1·0
AUG	898·8	897·0	896·9	7·1	22·5	14·8	3·3	11·4	7·1	53	23	29	0·4	0·4	0·1
SEP	897·1	894·6	894·6	14·7	28·0	20·3	8·2	13·8	10·3	39	16	22	0·7	0·8	0·6
OCT	892·9	890·8	890·5	20·6	31·6	24·9	12·7	16·3	13·2	39	17	23	2·3	2·6	2·0
NOV	892·4	890·3	890·1	24·2	32·4	26·6	16·6	17·9	16·1	48	23	32	3·4	4·5	3·8
DEC	891·0	889·1	888·3	23·9	31·8	27·4	18·7	20·0	18·1	63	33	40	3·9	4·5	3·9
J/Y	894·8	893·0	893·0	16·4	27·9	21·4	11·6	16·0	13·2	58	27	38	2·5	3·0	2·4

UITERSTE TEMPERATURE / EXTREME TEMPERATURES — NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	32·7	18·5	25·6	-	36·7	11	10·7	15	27·0	23	23·4	22	58·8	31·3	7
FEB	33·1	18·9	26·0	-	36·4	27	15·4	16	28·7	15	22·5	28	33·9	17·0	14
MAR	31·4	16·4	23·9	-	35·5	24	6·5	20	23·4	13	21·5	2	19·9	16·0	3
APR	29·8	13·9	21·9	-	34·3	6	0·0	30	16·7	30	18·4	3	5·7	4·0	13
MAY	24·3	5·5	14·9	-	30·4	9	-3·6	26	15·2	16	16·0	12	5·7	3·0	2
JUN	23·3	3·8	13·5	-	28·6	6	-1·6	25	17·5	24	10·5	3	0·0	0·0	-
JUL	22·1	3·7	12·9	-	26·7	16	-5·5	15	13·3	17	14·5	5	0·0	0·0	-
AUG	23·3	3·7	13·5	-	30·0	29	-0·6	6	16·1	17	11·0	10	0·0	0·0	-
SEP	29·1	8·8	18·9	-	34·5	29	-0·5	4	17·6	13	18·5	30	0·0	0·0	-
OCT	33·1	14·5	23·8	-	38·5	28	2·2	5	20·3	4	22·0	29	16·6	16·0	20
NOV	34·6	18·2	26·4	-	40·0	28	11·1	3	28·7	1	22·9	8	17·3	10·5	30
DEC	33·8	19·4	26·6	-	38·0	15	13·3	5	27·3	4	23·4	16	36·1	24·5	3
J/Y	29·2	12·1	20·7	-	40·0	-	-5·5	-	13·3	-	23·4	-	194·0	31·3	7

AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF R	▲	✱	≡
JAN	9	5	2	1	7	25	0	0	0	0	0	9	15	1	0	1
FEB	10	5	2	0	7	26	0	0	0	0	0	9	15	0	0	0
MAR	3	2	1	0	2	23	0	0	0	0	0	3	9	0	0	0
APR	3	2	0	0	0	19	1	0	0	0	1	0	10	0	0	0
MAY	3	2	0	0	0	1	3	0	1	2	15	0	4	0	0	0
JUN	0	0	0	0	0	0	0	0	0	4	20	0	1	0	0	0
JUL	0	0	0	0	0	0	3	0	1	5	21	0	1	0	0	0
AUG	0	0	0	0	0	0	2	0	0	2	22	0	0	0	0	0
SEP	0	0	0	0	0	15	0	0	0	2	8	0	0	0	0	0
OCT	3	1	1	0	14	24	0	0	0	0	1	6	5	0	0	0
NOV	5	3	1	0	13	28	0	0	0	0	0	8	9	0	0	0
DEC	7	5	1	0	11	28	0	0	0	0	0	13	14	0	0	0
J/Y	43	25	8	1	54	189	9	0	2	15	88	48	83	1	0	1

W I N D O N T L E D I N G W I N D A N A L Y S I S

595/ 32 FLEUR DE LYS ø 24°32'S λ 31°02'E H 622M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	14	4·7			2	3·9			2	3·9			18	3·9		
FEB	6	3·2			1	2·6			4	3·9			17	4·5		
MAR	3	4·3			3	2·2			3	2·4			18	4·2		
APR	10	3·9			4	2·8			2	3·3			17	3·7		
MAY	15	5·1			2	4·4			1	1·5			6	5·0		
JUN	12	3·9			2	2·1			2	2·8			9	5·0		
JUL	9	3·4			2	2·6			1	4·1			11	4·4		
AUG	12	4·5			1	2·1			5	2·6			12	5·6		
SEP	11	5·7			2	4·6			4	4·6			11	6·8		
OCT	12	4·9			4	3·2			6	5·3			17	5·6		
NOV	6	4·6			3	3·8			4	6·0			18	5·8		
DEC	11	4·4			3	3·2			3	5·8			17	5·6		
J/Y	121	4·5			29	3·1			37	4·0			171	4·9		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	21	3·8			7	3·6			1	5·1			7	4·8		
FEB	16	5·2			6	3·2			0	0·0			6	5·1		
MAR	21	3·8			12	2·8			1	2·6			2	6·2		
APR	13	4·2			8	3·3			1	4·1			10	3·3		
MAY	9	3·6			14	3·1			3	3·8			14	4·4		
JUN	16	3·2			17	1·8			3	1·9			9	3·9		
JUL	21	2·9			22	2·4			5	5·3			10	4·9		
AUG	23	5·2			14	2·6			2	4·6			5	3·2		
SEP	20	6·4			6	4·7			1	1·5			8	6·2		
OCT	17	6·7			3	7·1			0	0·0			5	6·5		
NOV	21	6·1			5	4·8			0	0·0			4	4·4		
DEC	25	6·6			5	2·9			1	7·7			8	5·1		
J/Y	223	4·9			119	2·9			18	4·1			88	4·7		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+ M/SEC
JAN	20	8	18	35	11	0	0	0	0	0	0	0	0
FEB	27	5	19	19	11	2	0	0	0	0	0	0	0
MAR	30	9	23	23	8	0	0	0	0	0	0	0	0
APR	24	10	23	26	4	2	0	0	0	0	0	0	0
MAY	28	9	15	24	16	0	0	0	0	0	0	0	0
JUN	20	25	22	16	5	2	0	0	0	0	0	0	0
JUL	11	35	13	19	11	3	0	0	0	0	0	0	0
AUG	19	15	15	26	13	5	0	0	0	0	0	0	0
SEP	26	4	5	27	17	8	2	0	0	0	0	0	0
OCT	29	2	13	22	17	10	0	0	0	0	0	0	0
NOV	27	2	10	26	17	5	1	0	0	0	0	0	0
DEC	20	3	17	27	12	13	1	0	0	0	0	0	0
J/Y	281	127	193	290	142	50	4	0	0	0	0	0	0

619/661 TSANE ø 24°01'S λ 21°53'E H 1118M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	15	3·8			12	3·2			7	4·5			4	4·4		
FEB	9	3·2			16	4·3			4	5·7			6	3·9		
MAR	4	3·1			16	5·6			9	5·6			5	6·1		
APR	10	3·8			12	5·1			4	3·8			5	4·7		
MAY	8	5·1			4	2·9			2	5·4			3	4·4		
JUN	10	4·1			1	3·1			2	4·1			2	3·6		
JUL	12	4·6			5	4·1			3	5·5			1	5·1		
AUG	9	4·0			4	7·1			5	6·3			5	4·9		
SEP	13	6·0			8	6·3			3	3·2			3	5·3		
OCT	11	4·4			10	6·0			4	6·4			4	5·6		
NOV	15	4·2			12	4·0			3	5·4			8	3·3		
DEC	18	4·8			10	5·2			6	6·3			8	2·9		
J/Y	134	4·3			110	4·8			52	5·1			54	4·3		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	9	5·8			1	5·1			2	2·1			9	4·7		
FEB	3	9·9			3	3·2			0	0·0			3	2·6		
MAR	3	4·1			1	8·8			2	3·1			5	3·5		
APR	7	3·8			3	2·4			5	5·1			6	4·0		
MAY	13	4·0			4	3·9			8	4·3			8	4·7		
JUN	5	5·4			3	4·9			2	4·4			1	6·2		
JUL	5	3·9			1	2·6			0	0·0			7	8·4		
AUG	13	3·8			5	4·0			1	2·6			4	6·5		
SEP	8	5·8			2	4·6			1	6·2			1	2·6		
OCT	11	4·9			5	6·2			3	3·4			15	5·3		
NOV	8	4·3			3	3·4			3	2·6			6	5·0		
DEC	6	3·7			1	5·1			0	0·0			3	3·4		
J/Y	91	4·6			32	4·3			27	3·9			68	4·9		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+ M/SEC
JAN	34	10	17	19	9	3	1	0	0	0	0	0	0
FEB	40	8	16	8	10	1	0	1	0	0	0	0	0
MAR	48	1	18	8	13	4	1	0	0	0	0	0	0
APR	38	12	15	9	13	2	1	0	0	0	0	0	0
MAY	43	6	19	9	15	0	1	0	0	0	0	0	0
JUN	64	0	10	11	5	0	0	0	0	0	0	0	0
JUL	59	0	12	12	6	2	2	0	0	0	0	0	0
AUG	47	1	20	14	8	2	1	0	0	0	0	0	0
SEP	51	0	10	17	7	3	1	1	0	0	0	0	0
OCT	30	7	17	18	15	3	3	0	0	0	0	0	0
NOV	32	10	20	22	4	2	0	0	0	0	0	0	0
DEC	41	6	16	17	11	2	0	0	0	0	0	0	0
J/Y	527	61	190	164	116	24	11	2	0	0	0	0	0

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

631/791 GROENDRAAI

φ 24°11'S P BY/AT 1000GPM HT 1·2M Q6
λ 27°57'E H 1030M HR 1·2M Q6

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	904·0	901·6	901·8	22·2	27·8	22·6	18·3	19·3	19·0	68	44	71	5·3	5·7	5·3
FEB	904·4	902·0	901·9	21·1	27·3	22·2	18·1	19·6	19·1	74	49	74	3·5	5·2	3·7
MAR	906·5	903·8	904·1	19·4	27·0	20·0	16·7	18·5	17·1	76	45	75	3·5	4·4	2·6
APR	907·2	904·2	904·9	16·8	27·1	17·9	14·4	17·1	14·7	77	54	70	2·6	4·2	2·2
MAY	905·6	902·7	904·2	9·9	23·9	11·8	8·0	12·7	8·5	78	23	64	1·8	1·7	0·9
JUN	911·7	908·8	910·1	5·9	23·1	10·1	4·6	12·3	6·7	81	23	60	0·9	2·4	1·5
JUL	912·4	909·5	910·7	7·0	21·3	11·5	5·5	11·9	7·9	80	29	59	2·5	3·0	2·5
AUG	910·4	907·5	908·3	8·8	23·0	12·0	6·2	11·6	7·4	68	20	49	0·8	1·5	0·6
SEP	909·4	905·8	906·8	15·1	26·6	17·6	10·1	13·7	10·5	52	19	37	1·7	1·4	1·3
OCT	906·0	902·4	903·3	20·8	29·0	22·4	14·6	16·5	14·7	50	26	42	3·3	4·0	3·2
NOV	905·7	902·6	903·1	21·7	28·3	22·5	16·4	18·1	16·9	58	36	58	3·9	4·2	3·6
DEC	903·8	901·4	901·6	22·5	27·5	22·6	18·3	19·5	18·9	66	47	70	5·2	5·6	3·4
J/Y	907·3	904·4	905·1	15·9	26·0	17·8	12·6	15·9	13·5	69	33	61	2·9	3·6	2·6

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·4	17·0	23·2	-	33·8	27	8·4	14	23·8	7	20·7	3	107·6	34·5	27
FEB	29·2	16·6	22·9	-	32·8	7	12·8	26	25·1	15	19·9	9	85·2	37·5	15
MAR	28·1	14·0	21·1	-	33·3	5	9·7	25	19·5	11	20·4	7	59·3	15·5	7
APR	27·9	10·8	19·3	-	32·0	5	5·1	20	21·3	30	15·9	23	20·5	10·0	5
MAY	24·4	4·1	14·3	-	30·6	9	-1·3	26	17·1	17	15·1	12	15·8	11·5	12
JUN	23·6	1·4	12·5	-	28·1	1	-2·4	13	20·4	29	7·9	8	0·0	0·0	-
JUL	22·0	3·4	12·7	-	25·8	13	-1·9	18	15·1	17	12·1	5	6·5	4·5	9
AUG	23·6	3·0	13·3	-	30·2	30	-1·2	7	17·8	9	9·6	31	17·5	17·5	9
SEP	27·4	6·9	17·1	-	33·3	29	-1·7	3	19·1	1	14·7	11	0·7	0·4	12
OCT	30·1	13·6	21·9	-	35·9	17	4·7	6	22·5	7	21·4	19	36·4	30·0	14
NOV	29·6	15·4	22·5	-	34·4	28	7·3	4	21·5	3	19·6	30	117·9	32·5	11
DEC	28·9	17·6	23·3	-	34·7	16	14·6	31	18·9	6	21·5	18	111·5	52·5	5
J/Y	27·0	10·3	18·7	-	35·9	-	-2·4	-	15·1	-	21·5	-	578·9	52·5	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN ≥0·1	≥1·0	/OF RAIN ≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	≋	▲	⌘	≡
JAN	13	11	3	1	0	14	0	0	0	0	0	1	20	1	0	0
FEB	9	6	3	1	0	9	0	0	0	0	0	0	12	1	0	0
MAR	8	6	3	0	0	12	0	0	0	0	0	1	6	0	0	0
APR	7	4	1	0	0	4	0	0	0	0	0	0	11	0	0	0
MAY	5	4	1	0	0	1	1	0	0	5	22	0	1	0	0	0
JUN	0	0	0	0	0	0	0	0	0	11	27	0	0	0	0	0
JUL	6	1	0	0	0	0	2	0	0	6	22	0	0	0	0	0
AUG	1	1	1	0	0	1	0	0	0	2	28	0	1	0	0	0
SEP	2	0	0	0	0	10	0	0	0	2	11	0	1	0	0	0
OCT	10	4	1	1	5	15	0	0	0	0	1	2	15	1	0	0
NOV	12	11	3	1	0	14	0	0	0	0	0	0	14	0	0	0
DEC	12	9	2	2	0	11	0	0	0	0	0	4	10	1	0	0
J/Y	85	57	18	6	5	91	3	0	0	26	111	8	91	4	0	0

634/ 11 POTGIETERSRUS

φ 24°11'S P BY/AT 1100GPM HT 1·2M Q7
λ 29°01'E H 1116M HR 1·2M Q7

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	893·0	890·9	891·1	21·4	26·4	22·0	18·1	19·8	18·4	73	56	71	3·6	4·9	4·4
FEB	893·2	890·8	891·3	20·7	27·1	21·6	17·6	19·7	18·0	74	51	71	2·4	3·3	2·4
MAR	895·1	892·8	893·2	19·7	26·9	21·4	16·3	18·0	16·3	71	43	60	2·3	3·3	1·4
APR	895·9	893·2	893·8	18·3	26·8	19·1	14·8	17·1	14·4	69	37	60	2·0	3·6	1·4
MAY	894·0	891·8	893·0	13·4	23·3	14·1	10·0	13·4	9·5	65	31	55	1·5	1·5	0·5
JUN	899·8	897·3	898·8	10·5	22·1	13·2	7·9	12·4	8·6	71	30	53	0·3	1·0	0·4
JUL	900·7	898·6	899·2	10·5	20·4	13·1	8·1	12·0	9·1	73	36	59	2·1	2·5	1·5
AUG	898·9	896·2	897·2	12·4	22·7	15·1	8·3	11·8	8·6	58	24	40	0·5	1·1	0·5
SEP	897·5	894·6	895·7	16·5	25·9	18·9	11·3	14·2	11·4	54	26	40	1·1	1·3	0·8
OCT	894·7	891·4	892·6	20·8	28·6	21·6	14·6	16·6	14·5	51	28	46	2·5	3·9	3·5
NOV	894·4	891·7	892·3	20·8	27·1	21·5	16·0	17·8	16·3	62	40	60	3·0	3·4	3·5
DEC	892·5	890·5	890·8	21·3	25·6	21·7	17·8	19·3	17·9	72	58	71	4·4	5·4	3·9
J/Y	895·8	893·3	894·1	17·2	25·2	18·6	13·4	16·0	13·6	66	38	57	2·1	2·9	2·0

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	28·3	17·1	22·7	-	32·8	17	11·9	14	22·6	7	19·3	3	85·8	39·5	6
FEB	28·6	16·3	22·5	-	32·0	7	12·0	22	23·6	21	19·9	15	72·3	24·0	18
MAR	28·6	15·0	21·8	-	33·6	5	10·9	25	20·7	10	20·0	9	14·7	9·4	10
APR	27·8	13·0	20·4	-	32·1	4	7·2	20	19·9	23	16·2	11	29·9	15·0	5
MAY	24·1	8·3	16·2	-	30·4	8	2·5	17	14·3	17	16·5	11	18·1	9·5	14
JUN	22·8	5·9	14·3	-	27·5	1	2·1	15	20·3	17	12·7	2	0·0	0·0	-
JUL	21·6	6·9	14·3	-	24·9	13	3·1	3	15·2	18	14·5	16	1·5	0·8	9
AUG	23·5	6·8	15·1	-	31·4	30	2·8	20	17·4	8	11·0	29	1·2	1·2	9
SEP	26·8	10·3	18·5	-	32·9	26	1·5	3	18·3	1	15·8	30	8·2	8·0	12
OCT	29·9	15·6	22·7	-	36·3	18	8·8	7	22·6	7	21·7	31	32·6	11·2	27
NOV	28·7	16·0	22·3	-	33·7	6	9·8	5	21·0	20	19·4	28	105·4	29·7	16
DEC	27·6	17·3	22·5	-	33·3	16	13·8	11	17·0	6	21·5	16	153·5	44·5	6
J/Y	26·5	12·4	19·5	-	36·3	-	1·5	-	14·3	-	21·7	-	523·2	44·5	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN ≥0·1	≥1·0	/OF RAIN ≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	≋	▲	⌘	≡
JAN	12	10	3	1	0	9	0	0	0	0	0	0	5	0	0	0
FEB	10	5	4	0	0	6	0	0	0	0	0	0	8	0	0	0
MAR	4	2	0	0	0	11	0	0	0	0	0	0	4	0	0	0
APR	4	4	2	0	0	6	0	0	0	0	0	0	6	1	0	0
MAY	4	4	0	0	0	2	2	0	0	0	7	0	0	1	0	0
JUN	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0
JUL	3	0	0	0	0	0	2	0	0	0	11	0	0	0	0	0
AUG	1	1	0	0	0	1	1	0	0	0	6	0	0	0	0	0
SEP	2	1	0	0	0	8	0	0	0	0	3	0	-	0	0	0
OCT	7	4	1	0	3	17	0	0	0	0	0	2	4	0	0	0
NOV	13	9	4	1	0	11	0	0	0	0	0	0	19	1	0	0
DEC	14	13	5	3	0	8	1	0	0	0	0	3	5	0	0	0
J/Y	74	53	19	5	3	79	6	0	0	0	39	5	-	3	0	0

W I N D O N T L E D I N G W I N D A N A L Y S I S

631/791 GROENDRAAI ø 24°11'S λ 27°57'E H 1030M HA 6M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	8	4·1			10	3·2			8	3·6			6	4·3		
FEB	5	2·9			4	3·3			4	3·2			3	2·6		
MAR	3	2·6			5	3·4			5	3·9			5	3·3		
APR	6	4·5			6	3·1			6	3·4			6	2·6		
MAY	4	4·8			5	4·0			5	3·3			5	3·1		
JUN	4	3·8			2	3·9			2	3·1			4	3·1		
JUL	4	3·2			3	4·3			4	2·8			4	4·5		
AUG	2	5·1			3	3·8			11	4·3			6	4·3		
SEP	7	4·1			8	4·8			9	3·1			11	3·9		
OCT	9	3·7			17	4·3			14	4·3			5	4·0		
NOV	9	3·1			16	5·2			11	3·3			6	2·9		
DEC	8	2·9			8	2·9			12	3·0			7	3·6		
J/Y	69	3·7			87	4·0			91	3·5			68	3·5		

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	1	3·6			0	0·0			2	3·1			6	3·9		
FEB	1	2·6			1	2·6			2	3·1			8	3·3		
MAR	3	3·8			3	2·6			3	2·9			4	2·8		
APR	1	2·6			0	0·0			4	4·6			4	4·8		
MAY	4	4·8			1	2·6			6	5·9			9	4·7		
JUN	4	4·5			2	3·1			3	5·1			3	3·8		
JUL	3	3·2			2	3·1			2	4·4			6	5·1		
AUG	3	5·7			1	7·7			7	6·5			3	6·3		
SEP	0	0·0			1	2·6			4	5·1			5	3·9		
OCT	3	6·2			4	2·8			2	3·9			7	3·8		
NOV	3	5·7			0	0·0			3	5·5			3	3·8		
DEC	2	2·6			1	3·6			4	3·8			6	3·2		
J/Y	28	4·1			16	3·5			42	4·8			64	4·0		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0- 1·0	1·1- 1·5	1·6- 3·3	3·4- 5·4	5·5- 7·9	8·0- 10·7	10·8 13·8	13·9 17·1	17·2 20·7	20·8 24·4	24·5 28·4	28·5 32·6	32·7 +	M/ SEK M/ SEC
JAN	52	0	21	17	1	2	0	0	0	0	0	0	0	
FEB	56	0	18	10	0	0	0	0	0	0	0	0	0	
MAR	62	0	17	13	1	0	0	0	0	0	0	0	0	
APR	57	0	17	12	3	1	0	0	0	0	0	0	0	
MAY	53	0	14	19	4	2	0	0	0	0	0	0	0	
JUN	64	0	9	14	1	0	0	0	0	0	0	0	0	
JUL	62	0	13	11	4	0	0	0	0	0	0	0	0	
AUG	57	0	12	12	9	1	2	0	0	0	0	0	0	
SEP	42	1	22	16	3	3	0	0	0	0	0	0	0	
OCT	31	0	26	26	8	0	0	0	0	0	0	0	0	
NOV	39	0	23	20	5	3	0	0	0	0	0	0	0	
DEC	42	2	29	16	0	1	0	0	0	0	0	0	0	
J/Y	617	3	221	186	39	13	2	0	0	0	0	0	0	

634/011 POTGIETERSRUS ø 24°11'S λ 29°01'E H 1116M

GEEN WIND WAARNEMINGS NIE

NO WIND OBSERVATIONS

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

677/802 PIETERSBURG WEERKANTOOR WEATHER OFFICE φ 23°52' S λ 29°27' E P BY/AT 1250GPM H 1230M HT 1·2M HR 1·2M L4 L4

1959	P IN MB 08	14	20	T IN °C 8	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	878·1	876·2	876·5	20·2	25·4	20·7	17·6	19·2	18·0	78	56	78	5·2	5·2	4·1
FEB	878·4	876·4	876·8	19·1	25·5	20·0	17·2	19·0	17·6	84	55	79	4·5	4·6	2·7
MAR	880·2	878·1	878·7	18·1	25·5	19·1	15·9	17·5	15·7	80	45	71	3·9	3·9	1·9
APR	880·9	878·5	879·5	16·3	25·1	17·9	14·1	16·4	14·2	79	41	67	3·3	3·4	1·5
MAY	878·8	876·7	878·1	11·5	22·8	13·9	8·3	12·7	8·9	65	29	51	1·5	1·6	1·0
JUN	884·5	882·4	883·7	9·2	21·2	12·2	6·9	11·6	7·7	73	29	55	1·6	1·7	0·4
JUL	885·2	883·2	884·3	9·4	19·3	12·3	7·3	11·5	8·7	76	38	62	2·3	2·8	1·9
AUG	883·3	881·0	882·2	10·3	21·6	13·1	7·1	10·9	7·6	64	23	46	1·2	1·3	0·4
SEP	882·8	880·0	881·2	13·9	24·1	16·7	10·2	13·1	10·4	64	28	45	2·1	1·7	1·0
OCT	880·1	877·2	878·3	18·9	26·5	20·5	14·1	15·8	14·2	60	33	51	3·6	3·6	3·5
NOV	879·8	877·3	878·1	18·9	25·2	20·1	15·3	17·1	15·9	70	45	65	4·8	4·1	3·9
DEC	878·0	876·2	876·5	19·7	24·4	20·3	17·0	18·5	17·4	78	59	76	5·4	5·3	3·8
J/Y	880·8	878·6	879·5	15·5	23·9	17·2	12·6	15·3	13·0	73	40	62	3·3	3·3	2·2

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	/ EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	26·8	16·6	21·7	−0·5	31·7	17	12·0	15	22·7	8	18·8	26	35·7	13·2	7
FEB	27·0	15·6	21·3	−0·5	31·4	7	10·8	24	22·2	21	19·5	9	91·0	29·4	7
MAR	26·6	14·0	20·3	−0·3	32·0	5	9·9	15	19·9	10	18·6	6	25·6	14·6	6
APR	26·1	11·7	18·9	0·4	30·8	4	5·8	20	18·8	23	15·6	6	15·9	10·0	29
MAY	23·6	6·4	15·0	0·3	29·7	8	1·5	24	13·5	17	15·4	12	2·0	1·8	12
JUN	21·9	5·0	13·5	1·6	26·9	1	1·1	13	17·6	28	9·2	4	0·0	0·0	–
JUL	20·2	6·0	13·1	1·2	24·2	23	2·0	3	14·0	5	12·5	8	7·7	5·4	9
AUG	22·5	5·5	14·0	−0·1	29·0	30	3·1	21	14·6	9	11·2	9	0·0	0·0	–
SEP	25·1	8·4	16·7	−0·7	31·8	29	2·3	3	17·6	13	13·9	30	7·2	6·0	12
OCT	27·8	13·9	20·9	0·8	35·6	31	6·1	8	20·4	6	19·3	17	37·5	18·1	23
NOV	26·7	14·9	20·8	−0·3	34·1	1	10·4	4	19·0	20	19·7	1	134·3	41·0	30
DEC	26·0	16·2	21·1	−0·8	32·8	16	11·8	7	15·0	6	19·6	15	114·6	37·8	6
J/Y	25·0	11·2	18·1	0·0	35·6	–	1·1	–	13·5	–	19·7	–	471·5	41·0	–

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <−2·5	<0·0	<5	>20	VAN /OF ☒	▲	✕	≡
JAN	11	6	1	0	0	4	0	0	0	0	0	0	7	0	0	0
FEB	6	5	5	2	0	2	0	0	0	0	0	0	8	1	0	1
MAR	5	2	2	0	0	2	0	0	0	0	0	0	2	0	0	1
APR	3	2	1	0	0	2	0	0	0	0	0	0	5	0	0	1
MAY	2	1	0	0	0	0	2	0	0	0	12	0	0	0	0	0
JUN	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	2
JUL	3	2	0	0	0	0	3	0	0	0	15	0	0	0	0	0
AUG	0	0	0	0	0	0	2	0	0	0	16	0	0	0	0	0
SEP	2	2	0	0	0	5	0	0	0	0	6	0	2	1	0	0
OCT	6	4	2	0	1	13	0	0	0	0	0	0	9	1	0	0
NOV	11	9	3	2	0	5	0	0	0	0	0	0	11	0	0	1
DEC	12	10	4	2	0	6	1	0	0	0	0	0	8	0	0	0
J/Y	61	43	18	6	1	39	8	0	0	0	65	0	52	3	0	6

681/209 PHALABORWA φ 23°59' S λ 31°07' E P BY/AT 0GPM H 398M HT 1·2M HR 1·2M Q8 Q8

1959	P IN MB 08	14	20	T IN °C 8	14	20	T' IN °C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	1014·6	1010·7	1011·9	23·5	30·0	25·4	20·9	23·0	21·4	79	54	70	6·5	5·8	5·1
FEB	1015·0	1011·0	1011·5	23·2	29·9	24·9	20·9	22·8	21·3	81	53	72	5·7	5·0	3·3
MAR	1017·5	1013·4	1014·7	21·8	29·0	23·5	19·7	21·5	19·9	81	50	71	5·6	5·2	2·3
APR	1018·5	1013·7	1015·5	21·1	30·2	23·7	18·2	20·5	18·4	76	38	58	4·7	4·3	2·1
MAY	1016·8	1012·0	1014·5	16·9	28·7	21·0	13·2	17·7	14·6	64	30	47	2·1	1·5	1·3
JUN	1024·2	1019·3	1022·3	13·4	26·6	18·7	11·4	17·3	14·0	77	35	56	1·9	1·9	1·1
JUL	1025·5	1021·3	1022·7	14·0	24·6	17·7	12·3	16·8	13·8	81	42	63	2·7	3·4	1·9
AUG	1023·3	1018·6	1020·7	15·5	26·5	19·4	12·7	17·9	14·2	72	41	55	2·0	1·8	1·1
SEP	1022·2	1017·1	1019·5	18·4	27·5	21·1	14·7	17·2	15·1	66	33	51	2·7	2·1	1·4
OCT	1018·3	1013·3	1014·8	22·3	29·7	24·5	18·5	20·8	18·7	69	45	58	4·3	4·3	3·1
NOV	1018·1	1013·4	1014·8	22·1	28·8	24·7	18·5	20·2	19·0	70	44	57	5·9	4·2	3·7
DEC	1015·2	1011·0	1012·2	23·7	30·2	25·3	20·1	21·8	20·4	72	47	64	5·7	6·0	4·7
J/Y	1019·1	1014·6	1016·3	19·7	28·5	22·5	16·8	19·8	17·6	74	43	60	4·1	3·8	2·6

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	/ EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	31·3	20·3	25·8	–	37·1	20	15·1	16	23·5	7	23·6	6	127·8	72·0	6
FEB	31·1	19·4	25·3	–	38·0	7	14·8	22	25·3	21	23·1	16	112·7	34·4	7
MAR	30·1	18·4	24·3	–	37·2	9	14·2	22	24·2	11	22·4	6	47·2	23·4	9
APR	31·1	17·0	24·1	–	37·7	25	10·5	20	26·0	9	20·7	26	8·1	4·0	8
MAY	29·4	11·2	20·3	–	37·2	8	6·3	19	18·6	16	18·5	13	3·8	3·8	15
JUN	27·3	9·6	18·5	–	32·6	6	4·2	12	23·3	25	15·5	25	0·8	0·5	17
JUL	25·3	10·7	18·0	–	29·3	11	5·3	23	17·6	5	16·6	8	24·7	18·0	4
AUG	27·2	10·3	18·7	–	36·8	30	6·8	3	18·6	9	16·0	9	0·7	0·7	9
SEP	28·4	12·7	20·5	–	36·5	9	7·0	2	18·7	13	17·2	22	21·6	20·0	13
OCT	30·8	17·4	24·1	–	44·8	31	9·5	8	21·4	19	24·3	31	28·8	8·0	31
NOV	30·4	18·3	24·3	–	39·5	27	13·0	5	18·8	2	23·3	13	67·1	28·0	30
DEC	31·5	20·1	25·8	–	41·1	16	16·5	4	21·4	19	28·1	17	63·8	24·5	22
J/Y	29·5	15·5	22·5	–	44·8	–	4·2	–	17·6	–	28·1	–	507·1	72·0	–

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <−2·5	<0·0	<5	>20	VAN /OF ☒	▲	✕	≡
JAN	11	8	4	1	7	19	0	0	0	0	0	19	6	0	0	1
FEB	9	9	4	1	3	18	0	0	0	0	0	11	4	0	0	0
MAR	6	5	2	0	3	15	0	0	0	0	0	9	1	0	0	0
APR	4	2	0	0	3	20	0	0	0	0	0	6	0	0	0	3
MAY	1	1	0	0	1	14	0	0	0	0	0	0	1	0	0	3
JUN	2	0	0	0	0	6	0	0	0	0	4	0	1	0	0	2
JUL	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	2
AUG	1	0	0	0	1	6	0	0	0	0	0	0	0	0	0	0
SEP	4	2	1	0	2	11	0	0	0	0	0	0	1	0	0	0
OCT	8	6	0	0	7	15	0	0	0	0	0	8	2	0	0	1
NOV	11	7	2	1	3	17	0	0	0	0	0	6	3	0	0	0
DEC	13	8	2	0	9	20	0	0	0	0	0	15	3	0	0	0
J/Y	73	51	16	3	39	161	0	0	0	0	4	74	22	0	0	9

W I N D O N T L E D I N G W I N D A N A L Y S I S

677/802 PIETERSBURG ø 23°52' S λ 29°27' E H 1230M HA 12M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	7	1·8	27	2·1	98	3·0	144	3·1	50	2·9	50	2·8	7	2·7	1	1·3
FEB	4	1·7	7	1·7	58	2·6	83	2·8	29	3·5	44	3·6	4	2·2	2	1·6
MAR	0	0·0	8	2·1	58	2·7	101	2·7	70	3·3	44	3·1	12	2·1	3	1·7
APR	3	5·4	9	3·1	64	2·8	84	3·0	50	3·0	29	4·0	3	2·4	0	0·0
MAY	6	2·0	5	2·1	20	3·2	23	4·6	10	3·6	9	2·6	2	2·5	3	2·1
JUN	0	0·0	5	2·3	21	2·9	28	3·0	24	2·7	36	2·6	9	1·7	0	0·0
JUL	0	0·0	2	1·8	36	2·7	39	2·5	37	3·3	38	3·4	4	1·6	1	1·3
AUG	5	2·2	2	1·8	15	2·5	39	2·9	33	3·1	34	3·3	2	1·3	0	0·0
SEP	0	0·0	2	1·3	33	3·2	103	4·1	44	4·6	6	2·7	3	1·8	3	2·8
OCT	5	4·6	9	2·3	58	2·8	165	4·0	46	5·0	20	5·1	4	5·1	4	3·4
NOV	0	0·0	2	2·5	52	3·6	138	3·8	41	4·3	14	3·3	6	2·3	1	1·8
DEC	2	2·7	0	0·0	46	3·2	60	3·1	29	3·3	52	3·8	1	1·8	1	1·3
J/Y	32	2·7	78	2·2	559	3·0	1007	3·4	463	3·6	376	3·4	57	2·3	19	2·2

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	1	1·3	13	3·4	9	3·4	6	3·0	9	2·7	11	2·7	7	2·2	7	2·6
FEB	3	2·1	7	2·2	2	3·4	2	1·6	1	2·2	10	2·5	2	2·7	8	1·7
MAR	4	1·7	5	2·8	3	3·0	4	2·5	4	2·5	3	2·7	3	1·3	2	1·3
APR	1	1·3	14	2·6	9	1·8	1	1·3	6	3·0	13	2·9	4	1·3	5	2·2
MAY	6	1·9	37	2·8	29	3·0	9	3·1	16	3·9	10	3·2	26	2·5	15	2·4
JUN	6	1·9	26	2·6	3	1·3	0	0·0	0	0·0	1	1·8	0	0·0	0	0·0
JUL	2	2·5	22	5·5	6	3·0	1	1·3	2	4·7	5	5·1	1	2·2	3	1·7
AUG	0	0·0	26	5·9	1	1·8	4	2·4	4	2·1	7	2·3	15	3·0	3	3·3
SEP	3	1·8	3	2·2	2	3·1	7	2·6	4	2·4	2	2·9	2	2·0	0	0·0
OCT	2	5·1	17	2·4	9	3·0	4	4·9	3	2·8	8	3·7	0	0·0	6	4·5
NOV	3	4·3	8	3·1	2	3·6	0	0·0	0	0·0	2	1·6	0	0·0	0	0·0
DEC	5	3·6	2	2·7	1	2·2	0	0·0	0	0·0	0	0·0	1	1·3	6	2·5
J/Y	36	2·5	180	3·5	76	2·9	38	2·9	49	3·1	72	3·0	61	2·4	55	2·5

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	297	64	239	128	15	1	0	0	0	0	0	0	0	
FEB	406	44	149	61	12	0	0	0	0	0	0	0	0	
MAR	420	52	182	75	15	0	0	0	0	0	0	0	0	
APR	425	64	135	74	22	0	0	0	0	0	0	0	0	
MAY	518	38	110	57	19	2	0	0	0	0	0	0	0	
JUN	561	31	90	36	2	0	0	0	0	0	0	0	0	
JUL	545	30	101	42	26	0	0	0	0	0	0	0	0	
AUG	554	37	81	45	21	6	0	0	0	0	0	0	0	
SEP	503	23	83	70	37	4	0	0	0	0	0	0	0	
OCT	384	43	134	106	66	11	0	0	0	0	0	0	0	
NOV	451	27	103	94	41	4	0	0	0	0	0	0	0	
DEC	538	34	81	75	15	1	0	0	0	0	0	0	0	
J/Y	5602	487	1488	863	291	29	0	0	0	0	0	0	0	

681/209 PHALABORWA ø 23°59' S λ 31°07' E H 398M HA 6M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	7	2·7			3	3·1			15	3·2			26	4·2		
FEB	4	3·2			6	2·5			16	3·3			25	3·7		
MAR	1	1·5			4	2·2			10	3·4			36	3·8		
APR	4	2·4			13	2·7			14	3·3			25	4·3		
MAY	4	3·2			6	3·0			11	3·2			7	3·7		
JUN	5	3·0			14	2·9			9	3·7			10	4·5		
JUL	1	2·6			1	1·5			6	2·			22	4·3		
AUG	1	1·5			11	2·5			9	3·6			17	5·7		
SEP	3	2·1			14	3·0			10	3·1			28	5·8		
OCT	5	3·5			11	2·7			25	3·8			24	4·2		
NOV	1	2·6			9	2·7			18	3·4			29	5·0		
DEC	2	4·4			0	0·0			9	4·5			41	5·5		
J/Y	38	2·9			92	2·7			152	3·4			290	4·6		

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	7	2·6			1	2·1			2	2·8			11	3·5		
FEB	6	2·4			1	4·1			0	0·0			6	2·7		
MAR	8	4·1			4	2·3			2	2·6			2	2·8		
APR	2	2·3			2	3·3			3	2·1			9	3·2		
MAY	2	2·3			2	2·8			6	3·9			8	3·3		
JUN	2	3·6			0	0·0			3	2·9			4	3·1		
JUL	3	3·8			3	4·1			2	3·9			6	4·8		
AUG	7	4·5			1	2·6			2	4·4			8	3·7		
SEP	2	2·8			1	3·1			3	3·2			4	3·8		
OCT	3	3·1			1	2·1			0	0·0			4	3·6		
NOV	3	2·4			2	3·1			0	0·0			2	2·8		
DEC	3	3·2			4	3·4			2	3·1			8	5·6		
J/Y	48	3·3			22	3·1			25	3·2			72	3·7		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	21	7	34	23	8	0	0	0	0	0	0	0	0	
FEB	20	13	27	20	4	0	0	0	0	0	0	0	0	
MAR	23	9	29	21	8	0	0	0	0	0	0	0	0	
APR	18	10	33	22	7	0	0	0	0	0	0	0	0	
MAY	47	1	28	16	1	0	0	0	0	0	0	0	0	
JUN	43	0	29	15	2	1	0	0	0	0	0	0	0	
JUL	49	1	17	19	5	2	0	0	0	0	0	0	0	
AUG	37	1	22	24	7	2	0	0	0	0	0	0	0	
SEP	24	2	31	21	7	3	0	1	0	0	0	0	0	
OCT	20	2	30	37	4	0	0	0	0	0	0	0	0	
NOV	26	1	34	19	8	2	0	0	0	0	0	0	0	
DEC	24	0	13	35	14	7	0	0	0	0	0	0	0	
J/Y	352	47	327	272	75	17	0	1	0	0	0	0	0	

K L I M A A T T A B E L L E — STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S — FIRST ORDER STATIONS

719/370 MARNITZ

ø 23°10'S λ 28°13'E — P BY/AT 900GPM — H 932M — HT 1·2M — HR 1·2M — G6 G6

1959	P IN MB 08	P 14	P 20	T IN°C 08	T 14	T 20	T' IN°C 08	T' 14	T' 20	U IN % 08	U 14	U 20	N IN 0-8 08	N 14	N 20
JAN	913·1	911·6	910·9	22·2	28·6	24·2	19·2	20·9	19·7	75	50	65	5·1	5·5	4·6
FEB	913·2	911·9	911·2	21·7	27·9	23·4	18·5	20·4	19·3	73	50	68	(4·0)	(4·8)	(3·0)
MAR	(914·5)	(913·2)	(912·5)	20·4	27·3	22·0	17·5	19·2	17·9	75	47	68	2·8	4·1	1·9
APR	915·2	913·4	913·6	19·3	27·9	20·8	15·6	17·9	15·3	67	35	55	1·4	3·0	1·6
MAY	913·9	912·1	912·6	14·8	25·5	14·7	10·6	14·3	9·5	58	26	49	1·4	1·4	0·9
JUN	919·8	918·0	918·5	11·6	23·5	12·7	8·6	14·4	8·5	66	34	55	1·1	2·1	1·1
JUL	920·4	918·7	919·3	11·9	22·2	13·8	9·4	-	9·7	71	-	57	2·8	3·1	1·6
AUG	918·5	916·7	916·9	13·3	24·0	14·9	9·4		8·7	60	-	40	0·7	1·1	0·8
SEP	917·9	915·1	915·4	17·7	26·9	19·8	13·0	-	12·9	59	-	43	1·1	1·5	0·8
OCT	914·2	911·6	912·0	22·0	30·3	24·3	15·7	18·8	16·1	51	30	41	3·5	3·2	2·3
NOV	914·1	911·5	911·5	23·0	29·7	24·5	17·0	18·9	17·0	55	35	47	3·4	3·8	3·1
DEC	912·4	910·8	909·9	22·5	28·2	24·2	18·8	20·6	19·3	70	50	64	5·0	4·8	3·5
J/Y	(915·6)	(913·7)	(913·7)	18·4	26·8	19·9	14·4	-	14·5	65	-	54	(2·7)	(3·2)	(2·1)

UITERSTE TEMPERATURE / EXTREME TEMPERATURES — NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	29·8	18·4	24·1	-0·6	35·1	17	13·6	15	23·1	8	20·6	27	50·0	13·0	2
FEB	29·3	17·5	23·4	-0·6	35·3	7	12·7	22	24·5	21	22·2	7	169·7	66·0	9
MAR	28·2	16·1	22·1	-0·7	35·6	5	12·0	21	18·6	11	20·5	6	64·5	29·0	10
APR	28·7	14·0	21·3	0·1	32·5	5	8·4	20	21·1	23	16·6	11	9·0	5·5	29
MAY	26·1	7·8	16·9	0·1	32·7	8	0·4	17	16·3	17	17·5	11	7·7	5·5	12
JUN	24·1	6·5	15·3	1·3	29·4	1	0·5	13	19·6	30	13·0	29	0·0	0·0	-
JUL	22·9	7·3	15·1	1·1	26·5	13	1·5	18	18·3	18	13·0	5	0·0	0·0	-
AUG	24·8	6·9	15·9	-0·9	32·1	30	-0·5	17	19·5	9	12·4	9	0·3	0·3	6
SEP	28·1	10·4	19·3	-1·6	35·1	29	1·5	3	20·6	1	16·6	22	0·0	0·0	-
OCT	31·6	15·8	23·7	0·2	38·9	31	4·0	5	22·3	7	21·6	30	7·7	2·5	28
NOV	31·2	17·9	24·5	0·0	36·1	27	11·0	5	23·4	20	23·3	30	64·7	28·0	19
DEC	30·1	18·8	24·5	-1·0	36·4	16	13·5	6	17·5	6	24·0	16	58·0	50·0	5
J/Y	27·9	13·1	20·5	-0·2	38·9	-	-0·5	-	16·3	-	24·0	-	431·6	66·0	-

AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF K	▲	✱	≡
JAN	12	9	2	0	1	16	0	0	0	0	0	5	11	0	0	0
FEB	9	8	3	2	1	13	0	0	0	0	0	5	8	0	0	0
MAR	5	5	3	1	1	12	0	0	0	0	0	2	3	0	0	0
APR	3	3	0	0	0	10	0	0	0	0	0	0	4	0	0	0
MAY	4	2	0	0	0	4	1	0	0	0	8	0	2	0	0	0
JUN	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0
JUL	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0
AUG	1	0	0	0	0	1	0	0	0	1	7	0	2	0	0	0
SEP	0	0	0	0	1	10	0	0	0	0	1	0	2	0	0	0
OCT	8	3	0	0	7	19	0	0	0	0	1	2	9	0	0	0
NOV	6	4	2	1	4	20	0	0	0	0	0	6	8	0	0	0
DEC	12	7	2	1	3	18	0	0	0	0	0	8	10	0	0	0
J/Y	60	41	12	5	18	123	1	0	0	1	35	28	59	0	0	0

K DONDER, ▲ HAEL, ✱ SNEEU, ≡ MIS, D DATUM, % PERSENTASIE
TXX HOOGSTE MAKS TEMP, TNN LAAGSTE MIN TEMP, TXN LAAGSTE MAKS TEMP, TNX HOOGSTE MIN TEMP, R TOTALE REËNVAL, RX MAKSIMUM REËNVAL, GPM GEOPOTENTIALE METERS, HT HOOGTE VAN DROËBOL TERM, HR HOOGTE VAN REËNMETER, HA HOOGTE VAN ANEMOGRAAF
P GEMIDDELDE LUGDRUK, T GEMIDDELDE DROËBOL TEMP, T' GEMIDDELDE NATBOL TEMP, U GEM RELATIEWE VOG, N GEM WOLKSHOEVEELHEID, TX GEMIDDELDE MAKSIMUM TEMP, TN GEMIDDELDE MINIMUM TEMP, TM TX + TN / 2, ΔTM AFWYKING VAN DIE NORMAAL, HX HOOGTE VAN STASIE

722/ 99 MARA AGR

ø 23°09'S λ 29°34'E — P BY/AT 900GPM — H 894M — HT 1·2M — HR 1·2M — N9 N9

1959	P IN MB 08	P 14	P 20	T IN°C 08	T 14	T 20	T' IN°C 08	T' 14	T' 20	U IN % 08	U 14	U 20	N IN 0-8 08	N 14	N 20
JAN	-	-	-	21·3	27·3	-	19·0	20·5	-	80	52	-	5·1	5·5	-
FEB	-	-	-	21·0	27·5	-	18·5	20·1	-	78	49	-	4·4	4·3	-
MAR	916·3	914·0	914·2	19·1	27·2	20·5	17·2	19·3	17·3	83	48	73	4·9	4·4	2·4
APR	917·1	915·2	915·6	17·3	27·1	19·2	15·4	18·0	15·5	82	40	68	3·9	4·2	1·5
MAY	915·0	912·9	913·7	11·9	26·1	16·2	9·5	14·8	11·1	73	26	52	1·9	1·5	0·9
JUN	920·8	918·7	919·8	9·4	23·5	13·9	7·6	13·8	9·7	77	32	57	2·2	2·1	0·9
JUL	922·0	920·0	920·9	10·5	21·7	14·1	8·6	13·5	10·3	77	37	61	2·8	2·9	2·3
AUG	920·3	917·9	918·8	11·5	23·6	15·0	8·6	13·4	10·0	68	28	51	2·1	1·7	0·7
SEP	919·5	916·5	917·1	15·4	26·1	17·8	11·6	15·2	12·0	64	30	51	2·4	1·8	0·8
OCT	916·6	913·2	913·7	20·0	29·1	22·6	15·3	17·9	16·0	61	33	51	4·3	3·4	2·9
NOV	916·3	913·5	913·9	20·8	27·2	22·2	16·6	18·1	17·4	66	46	61	4·6	4·2	3·5
DEC	913·9	911·8	912·0	20·9	26·8	22·2	18·0	20·0	18·6	77	55	73	6·0	5·5	4·1
J/Y	-	-	-	16·6	26·1	-	13·8	17·1	-	74	40	-	3·7	3·5	-

UITERSTE TEMPERATURE / EXTREME TEMPERATURES — NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	28·6	17·4	23·0	-0·1	35·6	17	13·4	15	20·3	3	19·4	17	71·8	27·8	2
FEB	29·3	16·5	22·9	0·0	34·5	6	10·7	25	-	-	-	-	25·0	24·0	15
MAR	28·1	15·0	21·5	-0·4	35·5	5	10·3	21	18·0	19	19·8	7	40·8	25·0	9
APR	28·0	13·0	20·5	0·4	33·6	25	6·6	20	21·5	18	18·0	25	6·9	6·5	29
MAY	26·6	6·9	16·7	0·4	32·2	9	0·7	17	16·5	17	16·6	12	8·0	8·0	15
JUN	24·0	5·6	14·8	1·5	30·1	1	0·0	14	18·2	26	13·3	4	0·0	0·0	-
JUL	22·5	6·9	14·7	1·0	25·9	13	1·0	23	16·2	5	14·2	16	0·0	0·0	-
AUG	24·4	6·3	15·3	-0·5	31·6	30	2·8	22	13·8	9	12·2	8	1·8	1·8	9
SEP	27·0	9·1	18·1	-0·8	34·5	26	2·5	3	17·4	10	16·7	13	0·7	0·7	12
OCT	30·0	14·7	22·3	1·0	39·2	31	6·2	8	18·3	20	21·6	31	6·0	2·0	20
NOV	29·2	16·0	22·6	0·5	36·9	27	9·7	5	16·5	2	21·4	1	46·2	14·5	12
DEC	28·3	17·4	22·9	0·0	36·3	16	12·4	7	16·3	6	23·6	17	128·2	69·0	22
J/Y	27·2	12·1	19·7	0·4	39·2	-	0·0	-	13·8	-	23·6	-	335·4	69·0	-

AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF K	▲	✱	≡
JAN	11	7	2	1	1	12	0	0	0	0	0	0	3	0	0	0
FEB	4	1	1	0	0	-	0	0	0	0	0	-	2	0	0	-
MAR	5	4	1	1	1	12	0	0	0	0	0	0	-	0	0	0
APR	2	1	0	0	0	9	0	0	0	0	0	0	1	0	0	0
MAY	1	1	0	0	0	4	1	0	0	0	13	0	1	0	0	0
JUN	0	0	0	0	0	1	0	0	0	0	14	0	0	0	0	0
JUL	0	0	0	0	0	0	1	0	0	0	13	0	0	0	0	0
AUG	1	1	0	0	0	1	2	0	0	0	10	0	0	0	0	0
SEP	1	0	0	0	0	10	1	0	0	0	3	0	0	0	0	0
OCT	5	3	0	0	5	17	0	0	0	0	0	2	5	0	0	0
NOV	7	5	2	0	1	14	2	0	0	0	0	1	4	1	0	0
DEC	14	8	4	1	2	13	2	0	0	0	0	5	6	0	0	0
J/Y	51	31	10	3	10	-	9	0	0	0	53	-	-	1	0	-

K THUNDER, ▲ HAIL, ✱ SNOW, ≡ FOG, D DATE, % PERCENTAGE
TXX HIGHEST MAX TEMP, TNN LOWEST MIN TEMP, TXN LOWEST MAX TEMP, TNX HIGHEST MIN TEMP, R TOTAL RAINFALL, RX MAXIMUM RAINFALL, GPM GEOPOTENTIAL METRES, HT HEIGHT OF DRY BULB THERM, HR HEIGHT OF RAINGAUGE, HA HEIGHT OF ANEMOGRAPH
P MEAN PRESSURE, T MEAN DRY BULB TEMP, T' MEAN WET BULB TEMP, U MEAN RELATIVE HUMIDITY, N MEAN CLOUD AMOUNT, TX MEAN MAXIMUM TEMP, TN MEAN MINIMUM TEMP, TM TX + TN / 2, ΔTM DEVIATION FROM NORMAL, HX HEIGHT OF STATION

W I N D O N T L E D I N G W I N D A N A L Y S I S

719/370 MARNITZ φ 23°10' S λ 28°13' E H 932M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	8	3·0			10	4·1			31	4·0			9	3·5		
FEB	6	3·2			11	3·2			25	3·3			6	2·8		
MAR	6	2·8			8	3·9			41	3·6			5	3·4		
APR	7	5·5			14	4·6			40	4·1			3	6·0		
MAY	8	3·4			11	4·3			18	3·9			2	3·3		
JUN	3	3·4			7	3·6			25	3·2			5	3·4		
JUL	2	3·9			13	3·7			32	4·2			6	2·6		
AUG	2	2·1			9	5·7			34	3·9			5	4·6		
SEP	1	7·7			16	5·3			34	4·9			6	4·7		
OCT	3	3·8			22	5·8			43	5·4			3	3·1		
NOV	7	4·0			20	5·3			42	5·9			5	4·5		
DEC	3	3·6			14	5·1			43	5·0			3	6·0		
J/Y	56	3·7			155	4·7			408	4·4			58	4·0		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	0	0·0			5	3·1			3	2·6			4	2·8		
FEB	0	0·0			1	2·5			3	3·4			1	2·6		
MAR	2	3·9			0	0·0			3	2·2			1	2·6		
APR	2	4·9			2	3·9			2	2·6			4	3·2		
MAY	4	3·4			11	4·2			8	5·5			1	1·5		
JUN	0	0·0			3	1·9			3	4·0			1	2·6		
JUL	2	2·6			2	3·9			3	4·3			2	2·6		
AUG	5	3·5			4	4·8			7	4·1			1	2·6		
SEP	1	2·6			4	5·4			3	4·3			0	0·0		
OCT	2	4·4			4	3·1			2	6·4			1	3·6		
NOV	0	0·0			1	2·6			3	2·6			0	0·0		
DEC	0	0·0			0	0·0			2	2·6			2	3·1		
J/Y	18	3·6			37	3·8			42	3·9			18	2·8		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0–1·0	1·1–1·5	1·6–3·3	3·4–5·4	5·5–7·9	8·0–10·7	10·8–13·8	13·9–17·1	17·2–20·7	20·8–24·4	24·5–28·4	28·5–32·6	32·7 +	M/SEK M/SEC
JAN	23	1	36	25	8	0	0	0	0	0	0	0	0	
FEB	28	1	35	15	2	0	0	0	0	0	0	0	0	
MAR	25	4	33	24	5	0	0	0	0	0	0	0	0	
APR	16	4	29	28	8	5	0	0	0	0	0	0	0	
MAY	29	7	22	25	7	2	0	0	0	0	0	0	0	
JUN	36	6	22	17	2	0	0	0	0	0	0	0	0	
JUL	26	4	26	27	4	1	0	0	0	0	0	0	0	
AUG	23	5	24	28	7	3	0	0	0	0	0	0	0	
SEP	16	0	16	31	16	1	1	0	0	0	0	0	0	
OCT	8	1	19	30	24	6	0	0	0	0	0	0	0	
NOV	10	0	19	32	19	8	0	0	0	0	0	0	0	
DEC	22	3	9	38	11	6	0	0	0	0	0	0	0	
J/Y	262	36	290	320	113	32	1	0	0	0	0	0	0	

722/ 99 MARA φ 23°09' S λ 29°34' E H 894M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	2	2·3			10	3·2			14	3·7			9	3·2		
FEB	1	2·6			9	3·0			18	2·5			11	4·3		
MAR	3	2·2			9	3·0			41	3·4			7	3·2		
APR	4	3·2			7	3·9			20	4·6			8	4·4		
MAY	6	4·1			5	3·9			5	2·1			3	4·3		
JUN	4	2·8			7	2·6			16	3·4			4	4·3		
JUL	3	2·7			6	3·4			18	3·6			5	4·4		
AUG	7	2·6			4	3·3			26	4·4			4	2·1		
SEP	0	0·0			5	4·1			29	4·4			7	3·1		
OCT	3	4·6			8	3·3			50	4·6			6	2·6		
NOV	2	3·3			10	3·8			50	4·5			8	3·1		
DEC	5	4·4			8	3·4			34	4·0			7	4·8		
J/Y	40	3·3			88	3·4			321	4·0			79	3·7		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	0	0·0			2	2·6			2	2·1			3	3·4		
FEB	0	0·0			0	0·0			2	2·1			1	2·6		
MAR	1	2·1			0	0·0			3	2·6			2	2·3		
APR	5	5·4			3	3·8			4	2·3			5	3·1		
MAY	4	2·9			4	2·6			15	3·6			10	3·3		
JUN	5	2·5			1	2·6			3	3·4			3	2·2		
JUL	0	0·0			2	2·1			6	3·5			0	0·0		
AUG	2	3·3			2	3·3			9	3·6			0	0·0		
SEP	2	4·1			1	3·1			3	1·9			1	2·1		
OCT	1	1·5			1	3·1			3	2·7			2	3·9		
NOV	1	1·5			1	1·5			0	0·0			0	0·0		
DEC	2	1·8			1	1·5			1	3·6			1	2·1		
J/Y	23	3·2			18	2·7			51	3·1			28	3·0		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0–1·0	1·1–1·5	1·6–3·3	3·4–5·4	5·5–7·9	8·0–10·7	10·8–13·8	13·9–17·1	17·2–20·7	20·8–24·4	24·5–28·4	28·5–32·6	32·7 +	M/SEK M/SEC
JAN	15	7	19	14	2	0	0	0	0	0	0	0	0	
FEB	9	17	12	9	2	1	1	0	0	0	0	0	0	
MAR	27	8	35	17	6	0	0	0	0	0	0	0	0	
APR	34	0	33	14	7	1	0	1	0	0	0	0	0	
MAY	41	4	33	10	4	1	0	0	0	0	0	0	0	
JUN	46	2	32	7	2	0	0	0	0	0	0	0	0	
JUL	53	4	22	11	2	1	0	0	0	0	0	0	0	
AUG	39	11	21	10	12	0	0	0	0	0	0	0	0	
SEP	42	5	19	15	8	1	0	0	0	0	0	0	0	
OCT	19	6	24	29	15	0	0	0	0	0	0	0	0	
NOV	16	8	25	24	12	3	0	0	0	0	0	0	0	
DEC	33	10	22	18	6	3	0	0	0	0	0	0	0	
J/Y	374	82	297	178	78	11	1	1	0	0	0	0	0	

K L I M A A T T A B E L L E C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE EERSTE ORDE FIRST ORDER STATIONS

734/773 PELICAN POINT SWA VRT LIGHTHOUSE φ 22°53'S λ 14°26'E P BY/AT H 0GPM 7M HT 1·2M HR 1·2M Q9 Q9

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	1013·6	1012·5	1011·6	15·5	18·4	16·7	14·9	16·4	15·5	94	81	88	6·9	4·4	4·6
FEB	1013·2	1012·5	1011·9	18·0	20·9	18·5	17·1	18·6	17·2	92	80	88	7·5	4·6	5·6
MAR	1013·8	1012·8	1012·0	16·3	19·4	17·4	15·8	17·4	16·3	95	81	89	7·6	3·5	3·1
APR	1014·3	1013·2	1013·0	14·7	17·9	16·0	14·3	16·2	15·3	96	84	95	5·5	4·1	3·3
MAY	1016·5	1015·6	1015·4	11·7	15·7	14·2	11·2	14·1	13·4	94	83	91	4·3	2·0	1·2
JUN	1018·5	1017·3	1016·8	13·1	17·7	14·8	11·6	14·3	12·9	84	71	81	4·0	3·0	2·0
JUL	1019·8	1018·7	1018·0	11·2	16·6	13·9	10·4	15·6	12·4	91	75	84	3·7	1·8	1·4
AUG	1018·5	1017·0	1016·3	12·2	16·6	14·4	11·0	13·6	12·4	88	74	81	3·8	2·2	2·6
SEP	1016·7	1015·2	1014·0	11·3	14·9	13·2	11·0	15·3	12·3	96	83	90	6·9	4·6	3·6
OCT	1016·9	1014·6	1014·6	12·4	15·7	13·8	11·9	15·7	12·8	93	79	88	7·3	3·4	2·7
NOV	1014·4	1013·3	1012·7	13·7	16·7	14·9	13·3	14·7	13·9	95	80	89	7·2	4·8	3·5
DEC	1014·7	1013·3	1012·7	14·6	17·8	16·0	14·1	15·7	15·0	95	79	88	7·6	3·6	4·9
J/Y	1015·9	1014·7	1014·1	13·7	17·4	15·3	13·0	15·1	14·1	93	79	87	6·0	3·5	3·2

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	19·3	14·4	16·9	-	22·2	9	10·5	29	17·4	20	17·0	9	0·1	0·1	7
FEB	21·6	16·9	19·3	-	24·0	25	14·0	3	18·5	2	19·2	28	0·1	0·1	10
MAR	20·4	15·5	17·9	-	24·0	5	13·3	11	18·0	31	17·4	20	0·0	0·0	-
APR	19·2	13·4	16·3	-	27·3	27	9·0	30	15·8	22	16·4	18	0·2	0·2	15
MAY	17·4	10·8	14·1	-	25·8	17	8·2	4	14·2	26	14·5	21	0·0	0·0	-
JUN	19·8	11·5	15·7	-	32·5	27	7·9	20	13·4	3	16·2	13	0·0	0·0	-
JUL	18·7	9·8	14·3	-	32·4	1	7·0	25	12·4	26	15·4	2	0·0	0·0	-
AUG	19·0	10·6	14·8	-	30·6	20	7·5	5	12·0	2	15·0	20	0·0	0·0	-
SEP	16·0	10·5	13·3	-	23·2	1	8·4	15	12·8	6	13·6	1	0·0	0·0	-
OCT	17·1	11·4	14·3	-	19·2	5	9·6	5	15·0	12	13·0	2	0·0	0·0	-
NOV	17·7	12·7	15·2	-	20·8	27	10·0	2	15·5	14	15·0	27	0·0	0·0	-
DEC	18·8	13·6	16·2	-	20·6	17	11·5	4	17·0	11	15·4	31	0·0	0·0	-
J/Y	18·7	12·6	15·7	-	32·5	-	7·0	-	12·0	-	19·2	-	0·4	0·2	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ⚡	▲	✱	≡
JAN	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	11
FEB	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4
MAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
APR	1	0	0	0	0	0	8	0	0	0	0	0	2	0	0	6
MAY	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	13
JUN	0	0	0	0	0	2	14	0	0	0	0	0	0	0	0	10
JUL	0	0	0	0	0	3	16	0	0	0	0	0	0	0	0	11
AUG	0	0	0	0	0	1	18	0	0	0	0	0	0	0	0	7
SEP	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	13
OCT	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	8
NOV	0	0	0	0	0	0	16	0	0	0	0	0	1	0	0	6
DEC	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	7
J/Y	3	0	0	0	0	6	132	0	0	0	0	0	4	0	0	105

740/154 WINDHOEK SWA WEERKANTOOR WEATHER OFFICE φ 22°34'S λ 17°06'E P BY/AT H 1700GPM 1728M HT 1·2M HR 1·2M J3 J3

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	831·7	830·3	830·1	20·0	28·7	24·6	13·3	15·6	14·5	47	23	32	3·2	4·8	4·4
FEB	831·9	830·8	830·6	18·6	26·7	21·9	14·5	16·4	15·1	66	35	50	3·9	5·0	5·0
MAR	833·3	832·1	831·9	18·4	27·4	23·4	12·5	15·7	14·5	51	27	38	3·7	4·9	4·6
APR	833·3	831·7	832·1	16·0	25·7	20·4	10·5	14·0	12·0	49	23	36	3·2	4·3	3·2
MAY	832·3	831·1	832·0	9·1	21·1	15·3	3·8	9·0	6·8	40	13	24	0·3	0·6	0·4
JUN	836·4	835·0	835·8	9·4	20·3	15·0	4·5	9·4	7·2	43	18	28	2·1	2·7	1·6
JUL	836·7	835·4	835·8	7·6	19·3	14·0	2·9	8·6	6·2	43	17	26	0·4	0·3	0·2
AUG	835·9	834·6	834·8	9·4	20·8	16·2	3·8	9·1	7·1	37	15	20	0·3	0·4	0·7
SEP	835·2	833·4	833·7	15·0	25·9	20·9	6·5	11·4	9·4	23	11	16	1·1	1·7	1·8
OCT	832·8	830·9	831·4	18·8	28·4	23·3	9·1	12·9	10·9	23	11	16	1·7	3·0	2·3
NOV	832·2	830·6	830·8	20·9	28·5	24·1	12·3	14·7	13·2	35	20	29	2·3	4·2	3·6
DEC	831·1	829·7	829·5	21·3	29·8	25·3	12·9	15·9	14·0	37	21	27	3·0	4·4	3·7
J/Y	833·6	832·1	832·4	15·4	25·2	20·4	8·9	12·7	10·9	41	19	29	2·1	3·0	2·6

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	30·7	16·3	23·5	0·1	33·0	3	10·7	8	27·1	22	21·7	19	55·6	17·3	30
FEB	28·4	16·0	22·2	-0·3	31·7	25	9·0	15	22·9	15	21·5	21	70·1	27·5	13
MAR	29·3	16·6	22·9	1·8	32·2	26	11·6	19	26·5	2	20·7	26	26·8	8·8	15
APR	26·8	13·9	20·3	1·2	31·0	1	3·0	30	18·8	29	18·3	1	32·3	20·0	10
MAY	21·9	7·2	14·5	-1·2	26·0	8	1·4	22	13·2	21	11·7	7	0·3	0·3	2
JUN	21·1	8·2	14·7	1·5	25·0	5	4·1	8	17·3	9	15·2	5	0·0	0·0	-
JUL	20·2	6·3	13·3	0·4	22·1	25	0·0	13	15·6	13	10·1	5	0·0	0·0	-
AUG	21·9	7·8	14·9	-0·8	26·0	28	3·8	8	16·1	8	11·8	28	0·0	0·0	-
SEP	27·3	12·1	19·7	1·1	31·0	27	4·6	13	20·3	1	18·0	24	2·4	2·4	21
OCT	29·6	14·6	22·1	0·3	33·7	14	6·6	4	21·4	3	20·5	17	1·2	1·2	29
NOV	30·8	16·8	23·8	1·7	34·7	21	11·7	9	19·2	30	21·6	25	20·7	7·2	29
DEC	31·6	17·1	24·3	0·8	34·5	14	12·6	6	26·4	3	21·3	30	4·0	1·8	15
J/Y	26·6	12·7	19·7	0·6	34·7	-	0·0	-	13·2	-	21·7	-	213·4	27·5	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ⚡	▲	✱	≡
JAN	9	8	2	0	0	22	0	0	0	0	0	2	10	0	0	0
FEB	14	10	2	1	0	9	0	0	0	0	0	0	12	0	0	2
MAR	7	4	0	0	0	13	0	0	0	0	0	2	5	0	0	0
APR	6	4	1	0	0	4	0	0	0	0	1	0	4	0	0	0
MAY	1	0	0	0	0	0	1	0	0	0	6	0	0	0	0	0
JUN	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0
JUL	0	0	0	0	0	0	2	0	0	0	8	0	0	0	0	0
AUG	0	0	0	0	0	0	3	0	0	0	5	0	1	0	0	0
SEP	1	1	0	0	0	1	0	0	0	0	1	0	3	0	0	0
OCT	1	1	0	0	0	15	0	0	0	0	0	1	1	0	0	0
NOV	7	5	0	0	0	21	0	0	0	0	0	4	6	0	0	0
DEC	4	2	0	0	0	24	0	0	0	0	0	2	6	0	0	0
J/Y	50	35	5	1	0	109	7	0	0	0	23	12	48	0	0	2

W I N D O N T L E D I N G W I N D A N A L Y S I S

734/775 PELICAN POINT φ 22°53' S λ 14°26' E H 7M HA 12M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	2	2·0	0	0·0	1	2·7	2	3·5	3	2·5	4	3·1	24	4·6	119	6·5
FEB	0	0·0	0	0·0	2	1·3	3	1·8	2	1·8	5	2·4	16	3·5	69	5·4
MAR	8	2·1	0	0·0	1	1·8	0	0·0	1	1·8	4	2·5	45	5·3	167	6·6
APR	15	3·6	1	1·3	2	1·3	3	5·9	8	4·3	7	4·3	59	4·5	218	7·6
MAY	36	3·6	1	1·3	4	1·9	3	3·6	5	2·4	5	2·2	20	2·7	91	5·6
JUN	30	2·9	15	4·3	11	3·9	10	5·9	18	3·8	19	2·9	43	3·6	109	6·1
JUL	25	2·3	10	3·3	14	2·9	4	2·5	8	3·1	17	3·2	49	3·8	187	6·7
AUG	15	3·9	11	9·2	20	5·2	13	5·9	17	3·3	8	2·9	33	3·8	89	7·4
SEP	69	4·5	20	3·9	4	2·8	0	0·0	5	13·0	3	2·3	2	2·5	9	3·8
OCT	44	3·2	24	3·3	13	2·6	3	2·2	2	1·5	2	1·5	4	2·0	12	2·7
NOV	69	3·8	19	2·8	1	4·0	0	0·0	6	1·4	3	1·7	6	2·5	11	2·5
DEC	46	3·4	0	0·0	0	0·0	0	0·0	0	0·0	0	0·0	2	2·0	6	3·0
J/Y	359	3·6	101	4·1	73	3·5	41	4·7	75	3·8	77	2·9	303	4·0	1087	6·5

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	178	5·8	55	3·6	45	3·6	31	2·9	42	3·8	45	3·8	34	3·8	20	3·1
FEB	102	4·7	51	3·7	22	3·3	48	3·3	74	3·2	66	3·5	49	4·3	8	2·7
MAR	180	5·6	62	3·5	31	2·8	12	2·2	17	2·5	13	1·9	17	2·3	5	1·8
APR	141	6·0	39	3·8	19	3·3	12	3·0	16	2·3	10	2·8	30	2·9	11	2·9
MAY	159	5·4	80	4·9	47	3·6	9	3·7	15	3·0	9	2·1	5	3·8	21	4·5
JUN	169	5·5	40	3·3	21	2·5	7	2·0	10	2·5	5	2·2	22	3·1	34	3·1
JUL	141	7·4	51	4·5	24	2·9	12	2·3	7	2·7	8	2·2	12	2·5	12	2·7
AUG	123	7·6	87	6·7	82	5·7	36	4·8	25	6·1	14	3·8	25	3·5	21	2·7
SEP	32	6·1	99	7·7	151	6·7	62	5·4	29	3·0	8	2·4	20	2·4	14	2·7
OCT	47	5·2	140	8·0	193	8·0	92	4·7	25	3·0	15	2·3	20	2·5	22	2·9
NOV	45	5·3	104	7·3	149	6·2	63	4·5	42	2·8	22	2·4	38	2·5	39	3·7
DEC	59	6·4	106	6·7	106	5·1	62	3·8	42	2·7	21	3·3	51	3·3	32	3·4
J/Y	1376	5·9	914	5·9	890	5·8	446	4·1	344	3·2	236	3·1	323	3·1	239	3·2

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	139	35	179	191	131	52	17	0	0	0	0	0	0	
FEB	155	25	194	203	88	7	0	0	0	0	0	0	0	
MAR	181	46	140	155	156	52	12	2	0	0	0	0	0	
APR	129	26	141	176	116	91	41	0	0	0	0	0	0	
MAY	234	40	147	159	105	48	11	0	0	0	0	0	0	
JUN	157	35	191	177	105	47	8	0	0	0	0	0	0	
JUL	163	36	142	177	118	66	36	6	0	0	0	0	0	
AUG	125	33	136	153	134	86	62	11	0	0	0	0	0	
SEP	193	27	115	156	125	62	30	10	2	0	0	0	0	
OCT	86	52	164	122	152	102	55	11	0	0	0	0	0	
NOV	103	48	181	184	126	59	17	2	0	0	0	0	0	
DEC	211	33	167	177	100	35	16	5	0	0	0	0	0	
J/Y	1876	436	1897	2034	1456	707	305	47	2	0	0	0	0	

740/154 WINDHOEK φ 22°34' S λ 17°06' E H 1728M HA 15M
NA/AFTER 30 JUN HA 10M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	22	2·2	9	2·1	10	3·1	22	2·8	66	3·1	23	2·7	20	2·0	45	2·8
FEB	23	2·1	6	1·7	6	2·6	39	2·5	59	2·7	27	2·8	25	3·3	45	3·1
MAR	33	1·7	10	1·7	14	1·9	40	2·3	61	2·7	38	2·5	23	2·2	36	2·2
APR	31	1·8	14	1·8	23	2·9	24	2·5	41	2·4	34	1·8	8	1·8	12	1·9
MAY	31	1·8	2	1·8	0	0·0	14	2·7	37	2·6	13	2·0	19	1·4	9	1·9
JUN	34	3·0	17	2·3	33	2·3	49	2·1	118	2·1	59	2·0	22	1·5	16	1·4
JUL	35	3·1	16	4·0	27	3·8	61	3·8	133	4·0	74	3·3	78	2·1	78	2·2
AUG	20	3·1	23	3·6	34	4·7	103	4·7	73	3·7	69	2·7	99	2·6	91	3·5
SEP	32	2·5	18	3·8	32	3·8	114	3·6	58	2·7	60	2·7	63	2·4	96	3·5
OCT	32	2·8	5	3·3	13	3·7	38	5·1	37	4·3	32	2·5	47	2·3	87	3·3
NOV	35	3·8	30	3·6	21	4·5	59	4·9	31	3·3	32	3·0	47	3·3	111	4·9
DEC	21	3·3	7	3·3	22	3·2	20	4·7	32	3·5	24	3·8	39	3·5	115	4·8
J/Y	349	2·6	157	3·0	235	3·5	583	3·7	746	3·1	485	2·7	490	2·5	741	3·6

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	41	3·1	17	2·3	21	2·4	31	2·7	27	3·3	22	3·8	33	4·1	42	2·7
FEB	48	2·5	10	2·9	12	2·7	9	3·5	4	4·6	12	2·2	20	2·5	30	2·4
MAR	50	2·7	15	2·0	18	2·3	17	2·5	15	2·2	11	2·9	21	2·0	56	2·2
APR	36	2·3	13	2·5	12	2·7	14	2·3	20	2·2	25	3·5	53	4·2	68	2·5
MAY	2	1·3	0	0·0	0	0·0	5	1·8	13	2·3	31	4·1	100	4·7	106	3·1
JUN	13	1·9	3	1·9	1	1·8	0	0·0	0	0·0	2	1·3	18	2·9	47	2·9
JUL	48	3·7	5	2·0	3	1·5	2	3·3	1	1·3	9	3·8	19	5·1	83	3·7
AUG	19	4·4	9	4·0	13	3·9	16	4·8	10	4·3	20	4·3	33	4·7	55	3·4
SEP	28	2·9	12	2·5	19	4·3	10	4·4	19	4·2	11	3·8	15	4·3	35	4·1
OCT	60	3·6	23	2·7	33	4·7	44	4·3	52	4·6	33	4·3	47	5·5	60	4·3
NOV	67	3·7	19	2·5	43	4·8	27	4·5	24	4·1	28	5·0	31	4·8	46	4·2
DEC	58	3·6	12	3·5	54	4·6	43	4·6	41	4·8	25	4·0	56	4·7	81	3·9
J/Y	470	3·2	138	2·7	229	4·0	218	3·8	226	3·9	229	4·1	446	4·4	709	3·3

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	293	104	207	102	34	4	0	0	0	0	0	0	0	
FEB	297	100	168	91	16	0	0	0	0	0	0	0	0	
MAR	272	163	211	78	6	0	0	0	0	0	0	0	0	
APR	292	138	184	77	24	5	0	0	0	0	0	0	0	
MAY	362	108	139	66	60	5	3	1	0	0	0	0	0	
JUN	288	180	183	55	13	1	0	0	0	0	0	0	0	
JUL	72	86	312	189	72	12	1	0	0	0	0	0	0	
AUG	51	70	306	178	112	20	1	0	0	0	0	0	0	
SEP	73	78	312	159	66	3	4	0	0	0	0	0	0	
OCT	92	97	233	159	120	33	1	0	0	0	0	0	0	
NOV	50	63	210	211	132	33	2	0	0	0	0	0	0	
DEC	78	62	191	222	155	20	0	0	0	0	0	0	0	
J/Y	2220	1249	2656	1587	810	136	12	1	0	0	0	0	0	

KLIMAATTABELLE
STASIES VAN DIE EERSTE ORDE

CLIMATOLOGICAL TABLES
FIRST ORDER STATIONS

810/ 80 MESSINA

φ 22°20' S λ 30°03' E P BY/AT 500GPM H 538M HT 1·2M HR 1·2M 68 68

R DONDER
▲ HAEL
* SNEEU
≡ MIS
D DATUM
% PERSENTASIE

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REËNVAL
RX MAKSIMUM REËNVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROËBOL TERM
HR HOOGTE VAN REËNMETER
HA HOOGTE VAN ANEMOGRAAF

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROËBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

	P IN MB			T IN °C			T' IN °C			U IN %			N IN 0-8		
1959	08	14	20	08	14	20	08	14	20	08	14	20	08	14	20
JAN	956·4	954·2	954·2	24·1	30·4	25·8	20·8	22·2	21·0	74	50	66	5·6	5·5	4·7
FEB	956·6	954·3	954·2	24·4	30·3	26·6	20·6	21·8	20·7	71	47	59	3·9	4·3	2·0
MAR	958·9	956·3	956·5	22·7	29·9	25·8	19·2	20·4	19·2	72	41	53	5·1	4·8	2·4
APR	959·7	957·3	957·7	22·0	30·0	25·0	18·0	19·8	18·0	67	37	49	4·0	4·2	1·0
MAY	958·2	955·5	956·5	17·6	29·1	22·9	12·6	16·7	14·2	54	25	35	1·8	1·2	1·0
JUN	964·6	962·5	963·4	15·4	25·6	19·9	12·0	15·6	13·2	66	33	45	1·6	1·8	1·3
JUL	965·3	963·5	964·1	15·8	24·5	19·7	12·2	15·3	13·5	65	35	48	3·7	2·9	1·5
AUG	963·7	961·3	961·5	16·4	26·3	20·9	11·8	15·2	12·8	57	28	37	1·8	2·0	0·8
SEP	962·6	959·5	960·1	19·7	28·2	23·6	14·4	16·9	15·1	55	30	39	1·9	2·0	0·7
OCT	959·7	955·9	955·9	23·4	31·6	27·5	17·9	19·6	18·1	59	32	39	3·3	3·2	2·3
NOV	958·7	955·4	955·9	24·5	30·7	26·4	18·6	20·4	18·9	57	39	50	4·6	4·2	3·2
DEC	956·3	953·7	953·7	25·3	31·2	27·5	20·3	21·8	20·6	63	44	55	5·7	6·2	3·5
J/Y	960·1	957·5	957·8	20·9	29·0	24·3	16·5	18·8	17·1	63	37	48	3·6	3·5	2·0

	UITERSTE TEMPERATURE / EXTREME TEMPERATURES												NEERSLAG / PRECIP	RX IN 24H	
1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	MM	D
JAN	31·5	21·0	26·3	-0·6	37·8	20	16·8	15	24·2	3	23·8	29	99·6	45·0	2
FEB	31·8	20·5	26·1	-0·4	37·8	6	16·3	23	25·3	21	26·0	7	133·2	47·5	15
MAR	31·0	19·6	25·3	-0·1	38·9	9	16·1	21	23·4	19	23·3	6	3·5	2·0	12
APR	31·1	18·4	24·7	0·9	37·0	8	12·4	30	26·0	27	21·4	25	5·7	5·5	16
MAY	30·1	13·7	21·9	1·0	36·0	9	6·7	18	20·7	17	18·6	13	0·6	0·6	14
JUN	26·7	12·0	19·3	1·8	32·7	1	7·5	14	18·3	17	15·7	29	0·0	0·0	-
JUL	25·6	13·2	19·4	1·5	29·8	13	7·0	19	20·2	5	17·3	8	0·9	0·5	5
AUG	27·1	12·4	19·7	-0·1	34·2	30	10·0	1	18·5	9	15·4	9	0·0	0·0	-
SEP	29·3	15·0	22·1	-0·6	37·6	22	8·9	2	20·2	10	21·2	13	0·0	0·0	-
OCT	32·7	19·2	25·9	0·7	42·6	31	13·0	7	21·4	6	24·5	31	2·0	2·0	3
NOV	32·0	20·4	26·2	0·1	39·8	30	14·3	5	20·0	3	28·0	1	37·5	26·0	16
DEC	32·9	21·8	27·3	0·5	40·8	16	17·6	6	21·8	6	26·4	17	69·9	28·0	22
J/Y	30·1	17·3	23·7	0·4	42·6	-	6·7	-	18·3	-	28·0	-	352·9	47·5	-

	AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS															
	VAN REEN /OF RAIN				VAN /OF MAX TEMP				VAN /OF MIN TEMP				VAN /OF			
1959	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20	R	▲	*	≡
JAN	11	10	4	1	7	20	0	0	0	0	0	26	3	0	0	0
FEB	7	6	4	3	4	20	0	0	0	0	0	15	5	0	0	1
MAR	3	2	0	0	6	20	0	0	0	0	0	12	0	0	0	0
APR	2	1	0	0	3	21	0	0	0	0	0	4	1	0	0	0
MAY	1	0	0	0	2	17	0	0	0	0	0	0	0	0	0	0
JUN	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
JUL	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AUG	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0
SEP	0	0	0	0	4	13	0	0	0	0	0	1	0	0	0	0
OCT	1	1	0	0	11	20	0	0	0	0	0	13	3	0	0	0
NOV	4	4	1	1	6	21	0	0	0	0	0	19	4	0	0	0
DEC	7	5	2	2	11	22	0	0	0	0	0	20	5	0	0	0
J/Y	38	29	11	7	54	186	0	0	0	0	0	110	21	0	0	1

838/252 GHANZI BECH

φ 21°42' S λ 21°39' E P BY/AT 1100GPM H 1131M HT 1·2M HR 1·2M P1 P1

R THUNDER
▲ HAIL
* SNOW
≡ FOG
D DATE
% PERCENTAGE

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

	P IN MB			T IN °C			T' IN °C			U IN %			N IN 0-8		
1959	08	14	20	8	14	20	08	14	20	08	14	20	08	14	20
JAN	891·6	890·1	889·4	21·8	29·7	24·1	18·1	19·9	18·8	70	41	62	5·3	5·7	5·2
FEB	891·1	889·2	888·5	22·3	31·2	25·5	18·1	20·0	18·6	67	35	52	3·5	5·2	3·8
MAR	892·5	891·0	890·6	20·5	29·2	23·9	17·0	19·5	17·7	71	42	55	4·2	5·0	3·5
APR	893·3	891·4	(891·3)	18·5	28·9	(22·3)	14·6	18·1	(15·8)	66	35	(51)	3·6	5·2	(3·2)
MAY	893·1	891·6	891·8	12·0	25·9	16·6	8·5	-	11·2	63	-	52	0·9	1·0	0·6
JUN	897·6	896·1	896·4	9·5	23·4	15·0	6·3	-	9·4	62	-	47	2·1	1·8	1·3
JUL	898·3	896·4	896·5	8·2	22·3	15·1	5·2	-	9·2	63	-	44	1·7	1·5	1·2
AUG	896·9	895·0	894·8	9·4	23·8	16·5	4·5	11·7	8·1	46	19	27	0·4	0·4	0·1
SEP	895·1	893·1	892·8	16·3	28·9	21·2	8·5	13·8	10·5	33	15	22	0·6	0·7	0·1
OCT	891·4	889·5	889·4	22·5	33·0	26·2	12·5	16·4	13·9	29	14	22	2·4	3·1	2·9
NOV	891·0	889·0	888·8	24·4	32·9	27·0	16·1	18·5	16·7	43	23	34	3·6	5·0	4·2
DEC	889·5	888·2	887·5	23·4	31·1	27·0	18·7	20·4	19·2	65	38	49	4·9	6·3	5·0
J/Y	893·5	891·7	(891·5)	17·4	28·4	(21·7)	12·3	-	(14·1)	57	-	(43)	2·8	3·4	(2·6)

	UITERSTE TEMPERATURE / EXTREME TEMPERATURES												NEERSLAG / PRECIP	RX IN 24H	
1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	MM	D
JAN	31·1	17·3	24·2	-0·9	37·5	17	6·5	14	23·6	23	21·8	19	70·7	33·5	1
FEB	32·5	17·4	24·9	0·2	35·6	27	12·2	23	26·3	8	20·8	19	26·9	11·0	7
MAR	30·9	16·5	23·7	0·8	35·2	25	8·5	20	21·6	13	20·7	6	46·7	14·0	16
APR	30·0	14·7	22·3	1·8	34·2	5	5·2	30	19·0	28	18·2	27	25·8	12·5	22
MAY	26·8	7·5	17·1	0·4	31·2	10	-1·5	17	18·6	16	16·0	10	6·3	5·0	2
JUN	24·4	5·4	14·9	1·4	28·6	4	-0·1	10	19·6	16	15·0	4	0·0	0·0	-
JUL	23·3	4·7	14·0	0·5	28·6	16	-3·6	18	17·0	18	15·0	6	0·4	0·4	12
AUG	25·0	4·7	14·9	-1·8	30·3	29	-0·5	18	17·7	17	10·5	30	0·0	0·0	-
SEP	29·9	9·4	19·7	-0·6	35·3	30	0·5	2	21·0	13	16·0	12	0·0	0·0	-
OCT	34·2	16·5	25·3	1·1	38·2	13	4·5	4	24·5	4	22·9	29	0·8	0·7	20
NOV	34·3	18·5	26·4	1·5	38·2	29	11·5	1	29·6	16	23·9	29	5·9	2·5	29
DEC	33·0	20·0	26·5	1·4	37·5	15	17·4	19	27·4	6	22·6	30	40·7	10·0	6
J/Y	29·6	12·7	21·1	0·4	38·2	-	-3·6	-	17·0	-	23·9	-	224·2	33·5	-

	AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS															
	VAN REEN /OF RAIN				VAN /OF MAX TEMP				VAN /OF MIN TEMP				VAN /OF			
1959	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20	R	▲	*	≡
JAN	9	8	2	1	2	18	0	0	0	0	0	3	23	0	0	0
FEB	6	4	1	0	2	24	0	0	0	0	0	2	10	0	0	0
MAR	10	8	2	0	1	21	0	0	0	0	0	3	8	0	0	0
APR	5	4	1	0	0	17	0	0	0	0	0	0	7	0	0	0
MAY	2	2	0	0	0	5	0	0	0	1	11	0	2	0	0	0
JUN	0	0	0	0	0	0	0	0	0	1	16	0	0	0	0	0
JUL	1	0	0	0	0	0	1	0	2	4	18	0	0	0	0	0
AUG	0	0	0	0	0	1	0	0	0	2	16	0	0	0	0	0
SEP	0	0	0	0	1	18	0	0	0	0	7	0	0	0	0	0
OCT	2	0	0	0	18	27	0	0	0	0	1	5	9	0	0	0
NOV	6	3	0	0	10	29	0	0	0	0	0	10	11	0	0	0
DEC	13	10	1	0	5	28	0	0	0	0	0	16	21	0	0	0
J/Y	54	39	7	1	39	188	1	0	2	8	69	39	91	0	0	0

W I N D O N T L E D I N G W I N D A N A L Y S I S

810/ 80 MESSINA ø 22°20' S λ 30°03' E H 538M HA 5M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	3	2.1			5	2.3			39	3.6			23	4.5		
FEB	1	2.1			8	2.1			27	4.0			16	3.5		
MAR	1	2.1			7	2.4			37	3.8			24	3.3		
APR	1	2.6			3	3.4			33	3.7			14	3.1		
MAY	2	1.5			3	2.9			10	2.9			3	4.1		
JUN	0	0.0			3	1.9			15	3.1			8	2.1		
JUL	2	2.6			5	3.3			23	3.5			12	3.6		
AUG	0	0.0			5	3.1			19	4.2			14	5.7		
SEP	1	3.1			2	3.6			34	4.7			18	4.6		
OCT	1	3.1			10	2.8			44	4.5			25	4.6		
NOV	1	1.5			14	2.7			36	4.8			23	5.5		
DEC	3	4.1			3	3.6			36	4.1			21	5.1		
J/Y	16	2.6			68	2.5			353	4.0			201	4.4		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	2	2.8			1	2.6			3	2.6			1	3.6		
FEB	3	3.8			0	0.0			1	7.7			0	0.0		
MAR	3	3.2			0	0.0			0	0.0			1	1.5		
APR	1	1.5			1	1.5			2	3.1			2	1.8		
MAY	2	1.5			7	2.9			8	3.6			8	2.4		
JUN	3	1.7			2	2.3			2	1.5			1	2.1		
JUL	0	0.0			1	2.1			2	4.1			2	2.6		
AUG	3	3.6			3	5.3			4	1.7			2	5.7		
SEP	0	0.0			0	0.0			1	2.6			1	2.1		
OCT	0	0.0			1	4.6			2	4.1			0	0.0		
NOV	0	0.0			0	0.0			0	0.0			0	0.0		
DEC	2	4.6			1	1.5			1	1.5			5	4.1		
J/Y	19	2.9			17	3.1			26	3.1			23	3.0		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0.0-1.0	1.1-1.5	1.6-3.3	3.4-5.4	5.5-7.9	8.0-10.7	10.8-13.8	13.9-17.1	17.2-20.7	20.8-24.4	24.5-28.4	28.5-32.6	32.7 ⊥	M/SEK M/SEC
JAN	16	7	35	25	8	2	0	0	0	0	0	0	0	
FEB	28	14	17	17	5	3	0	0	0	0	0	0	0	
MAR	20	13	35	15	10	0	0	0	0	0	0	0	0	
APR	32	14	20	13	9	1	0	0	0	0	0	0	0	
MAY	50	17	15	7	4	0	0	0	0	0	0	0	0	
JUN	56	12	12	6	4	0	0	0	0	0	0	0	0	
JUL	46	10	17	14	6	0	0	0	0	0	0	0	0	
AUG	43	6	13	15	12	4	0	0	0	0	0	0	0	
SEP	32	1	23	15	14	4	0	0	0	0	0	0	0	
OCT	10	8	29	23	18	5	0	0	0	0	0	0	0	
NOV	16	7	25	16	20	6	0	0	0	0	0	0	0	
DEC	21	7	26	21	12	6	0	0	0	0	0	0	0	
J/Y	370	116	267	187	122	31	0	0	0	0	0	0	0	

838/252 GHANZI ø 21°42' S λ 21°39' E H 1131M HA 7M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	2	2.1			34	4.5			7	4.6			7	3.7		
FEB	4	4.3			24	4.4			10	3.8			11	4.7		
MAR	5	3.8			32	3.6			21	4.7			4	6.7		
APR	2	2.8			27	4.5			7	5.1			4	3.4		
MAY	4	3.9			10	4.5			2	3.9			3	4.5		
JUN	3	3.6			19	2.7			11	3.8			2	4.6		
JUL	2	2.3			20	3.4			9	4.3			1	5.1		
AUG	2	3.9			12	3.4			22	6.5			1	6.2		
SEP	2	2.1			23	4.9			24	4.5			1	5.1		
OCT	7	8.1			17	5.5			18	7.1			1	6.2		
NOV	5	7.3			14	5.2			18	5.5			0	0.0		
DEC	4	5.8			10	4.0			31	4.4			2	3.6		
J/Y	42	4.9			242	4.2			180	5.0			37	4.6		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	7	5.5			3	1.9			3	1.5			8	2.4		
FEB	0	0.0			6	3.7			2	2.1			10	3.0		
MAR	4	3.8			4	3.3			2	3.6			0	0.0		
APR	4	3.2			1	5.1			3	7.4			7	3.0		
MAY	6	3.6			5	4.9			2	5.9			17	3.5		
JUN	2	3.3			2	3.9			2	4.1			0	0.0		
JUL	10	4.7			2	2.6			1	5.1			4	3.4		
AUG	12	4.5			6	2.9			2	3.9			3	2.4		
SEP	9	5.5			0	0.0			2	4.4			1	1.5		
OCT	13	4.9			1	3.1			5	5.5			0	0.0		
NOV	6	6.5			0	0.0			8	4.6			0	0.0		
DEC	6	5.8			3	2.7			2	2.6			1	3.5		
J/Y	79	4.8			33	3.4			34	4.4			51	3.1		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0.0-1.0	1.1-1.5	1.6-3.3	3.4-5.4	5.5-7.9	8.0-10.7	10.8-13.8	13.9-17.1	17.2-20.7	20.8-24.4	24.5-28.4	28.5-32.6	32.7 +	M/SEK M/SEC
JAN	22	26	13	19	8	1	2	2	0	0	0	0	0	
FEB	17	13	21	19	10	4	0	0	0	0	0	0	0	
MAR	21	6	26	29	8	3	0	0	0	0	0	0	0	
APR	29	7	16	22	6	3	0	1	0	0	0	0	0	
MAY	44	2	23	15	5	4	0	0	0	0	0	0	0	
JUN	49	5	21	14	1	0	0	0	0	0	0	0	0	
JUL	44	5	24	16	1	1	1	1	0	0	0	0	0	
AUG	33	3	25	17	3	10	2	0	0	0	0	0	0	
SEP	28	2	16	30	8	5	1	0	0	0	0	0	0	
OCT	31	5	12	11	18	13	2	1	0	0	0	0	0	
NOV	39	0	11	19	15	4	2	0	0	0	0	0	0	
DEC	34	3	17	29	6	3	1	0	0	0	0	0	0	
J/Y	391	77	225	240	89	51	11	5	0	0	0	0	0	

K L I M A A T T A B E L L E — C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE EERSTE ORDE — FIRST ORDER STATIONS

893/883 FRANCISTOWN BECH ø 21°13'S P BY/AT 1000GPM HT 1·2M P2
λ 27°30'E H 1007M HR 1·2M P2

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	902·8	901·1	901·3	21·8	27·7	23·3	19·1	20·3	19·3	77	52	70	6·0	5·5	4·7
FEB	902·8	900·6	900·6	21·1	27·6	22·9	18·1	19·3	18·4	75	46	65	4·4	4·9	3·0
MAR	904·4	902·2	902·5	20·2	27·2	22·6	17·2	18·7	17·7	74	45	62	4·2	4·9	2·9
APR	904·8	902·5	903·1	18·9	28·2	22·1	15·1	17·6	15·6	67	33	50	2·9	4·3	2·3
MAY	903·8	901·3	902·7	14·7	27·1	17·9	10·0	14·6	11·3	53	21	42	1·2	1·8	1·0
JUN	908·9	907·0	908·0	11·8	23·3	15·8	8·3	12·9	9·9	62	27	44	1·4	1·9	0·7
JUL	909·4	907·5	908·3	11·5	22·6	16·4	8·5	13·2	10·5	65	30	45	3·7	3·3	1·8
AUG	907·9	905·6	906·3	12·8	23·9	16·9	8·5	12·6	9·6	55	24	36	1·5	1·7	0·4
SEP	907·0	904·0	904·9	17·1	27·2	20·7	12·0	15·0	12·3	54	24	35	1·5	1·1	0·5
OCT	903·9	900·4	901·2	22·7	31·9	26·4	15·0	17·4	15·5	43	21	29	2·8	3·6	2·3
NOV	903·7	900·3	901·2	23·0	30·7	25·5	16·8	18·3	17·0	54	28	43	4·3	4·8	3·4
DEC	901·8	899·4	899·7	22·9	28·2	25·4	19·0	20·1	19·3	70	50	58	6·4	6·8	4·8
J/Y	905·1	902·7	903·3	18·2	27·1	21·3	14·0	16·7	14·7	62	33	48	3·4	3·7	2·3

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	/ EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX MM	D
JAN	29·1	18·9	24·0	-0·6	34·0	17	14·5	15	24·8	7	20·4	29	63·0	16·5	25
FEB	29·3	17·0	23·1	-0·9	33·4	16	12·0	26	21·9	21	20·5	20	90·2	29·5	7
MAR	28·4	16·3	22·3	-0·4	34·2	5	11·9	21	19·4	12	20·5	9	41·2	30·6	10
APR	29·1	14·1	21·6	0·7	33·1	4	9·2	19	22·1	17	18·2	9	13·8	8·7	10
MAY	27·9	9·4	18·7	1·3	32·6	7	3·8	5	18·5	17	18·1	10	18·4	18·0	14
JUN	23·8	6·2	15·0	1·1	26·8	1	1·6	14	16·4	29	14·4	30	1·9	1·9	16
JUL	23·2	8·0	15·6	1·3	28·5	15	1·0	22	18·9	18	15·3	16	0·3	0·3	26
AUG	24·5	7·4	15·9	-0·8	31·1	30	3·6	17	15·9	10	13·2	9	0·0	0·0	-
SEP	27·8	10·5	19·1	-2·0	33·9	22	2·5	2	19·9	1	17·6	13	0·0	0·0	-
OCT	32·8	16·8	24·8	0·5	38·0	31	9·4	5	19·6	7	22·0	31	4·7	3·8	13
NOV	32·0	18·3	25·1	0·3	37·9	28	12·5	5	18·4	3	22·0	9	29·6	17·6	11
DEC	30·5	19·8	25·1	0·4	36·6	1	16·7	20	21·6	19	22·7	2	65·6	27·4	27
J/Y	28·2	13·6	20·9	0·1	38·0	-	1·0	-	15·9	-	22·7	-	328·7	30·6	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ☂	▲	✕	≡
JAN	12	9	2	0	0	12	0	0	0	0	0	4	7	0	0	0
FEB	8	7	4	1	0	15	0	0	0	0	0	2	8	0	0	0
MAR	6	5	1	1	0	13	0	0	0	0	0	1	3	0	0	0
APR	4	3	0	0	0	11	0	0	0	0	0	0	5	0	0	0
MAY	2	1	1	0	0	5	0	0	0	0	4	0	2	0	0	0
JUN	1	1	0	0	0	0	1	0	0	0	13	0	1	0	0	0
JUL	1	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0
AUG	0	0	0	0	0	2	1	0	0	0	8	0	0	0	0	0
SEP	0	0	0	0	0	9	0	0	0	0	5	0	0	0	0	0
OCT	4	1	0	0	12	24	0	0	0	0	0	5	6	0	0	0
NOV	3	3	2	0	6	22	0	0	0	0	0	8	6	0	0	0
DEC	10	7	2	1	6	17	0	0	0	0	0	14	10	0	0	0
J/Y	51	37	12	3	24	130	2	0	0	0	39	34	48	0	0	0

1020/749 MAUN BECH WEERKANTOOR ø 19°59'S P BY/AT 900GPM HT 1·2M J5
WEATHER OFFICE λ 23°25'E H 945M HR 1·2M J5

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	912·0	910·2	909·7	21·7	28·4	23·7	19·3	21·4	20·5	80	55	75	6·0	5·8	5·0
FEB	911·9	909·9	909·2	21·8	30·3	25·0	18·6	21·0	19·9	73	43	62	4·2	4·7	3·5
MAR	913·5	911·4	911·3	20·7	29·8	24·0	17·7	20·4	19·2	74	43	64	4·9	5·5	4·4
APR	914·5	912·2	912·1	19·4	30·6	22·8	15·5	18·8	16·5	65	31	51	2·4	4·0	3·0
MAY	914·5	912·3	912·9	13·9	28·3	17·1	9·6	15·9	11·4	55	23	48	1·5	1·4	0·8
JUN	918·9	917·0	917·5	11·2	26·2	16·7	7·7	14·5	10·4	60	23	42	1·6	1·4	1·6
JUL	919·7	917·9	918·0	12·0	24·6	16·9	7·8	13·3	10·1	53	22	36	3·5	2·0	1·2
AUG	918·2	916·0	916·0	12·5	26·2	18·3	7·5	13·4	10·0	49	18	29	0·4	0·5	0·3
SEP	916·7	913·7	913·8	17·7	30·2	23·6	10·6	15·6	12·9	38	16	24	0·6	0·9	0·9
OCT	912·9	909·7	909·8	24·1	34·8	28·2	14·5	18·1	16·1	32	15	25	1·7	2·4	2·6
NOV	912·5	909·6	909·5	25·7	33·6	28·0	17·3	19·7	18·5	46	25	38	3·2	4·8	3·8
DEC	911·1	908·8	908·8	23·6	30·4	26·0	20·2	21·7	21·2	74	46	66	6·1	6·0	6·2
J/Y	914·7	912·4	912·4	18·7	29·5	22·5	13·9	17·8	15·6	58	30	47	3·0	3·3	2·8

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	/ EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX MM	D
JAN	30·2	18·6	24·4	-1·1	34·2	21	11·3	15	20·4	6	20·9	27	133·1	32·0	5
FEB	31·9	17·6	24·7	-0·5	36·2	19	10·6	27	26·4	1	21·1	8	71·0	31·0	8
MAR	31·4	17·4	24·4	0·2	35·0	25	12·2	24	22·7	13	20·7	9	66·0	25·2	9
APR	32·3	15·4	23·9	1·4	35·5	5	10·2	21	24·0	24	20·6	8	12·5	7·2	9
MAY	29·6	8·1	18·9	0·2	33·8	10	0·8	18	21·6	16	18·5	13	5·3	5·2	11
JUN	27·1	7·9	17·5	2·2	30·7	5	2·4	10	24·3	19	14·5	30	1·8	1·8	16
JUL	25·7	9·4	17·5	2·2	30·7	16	0·3	20	19·1	18	16·3	6	0·7	0·7	13
AUG	27·4	8·7	18·1	-0·4	32·7	30	3·8	2	22·0	31	14·4	9	0·0	0·0	-
SEP	31·4	13·0	22·2	-0·6	35·6	22	5·3	3	23·3	1	19·1	23	0·1	0·1	21
OCT	36·1	18·4	27·3	1·0	39·3	19	10·3	6	28·7	4	25·9	30	2·1	2·0	8
NOV	35·3	19·8	27·5	1·0	38·4	1	15·7	4	30·2	16	22·6	19	18·3	14·3	15
DEC	32·2	20·7	26·5	0·8	38·1	1	17·9	29	26·6	21	25·0	3	76·1	22·2	6
J/Y	30·9	14·6	22·7	0·5	39·3	-	0·3	-	19·1	-	25·9	-	387·0	32·0	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ☂	▲	✕	≡
JAN	14	12	4	2	0	19	0	0	0	0	0	6	11	0	0	0
FEB	6	5	3	1	2	23	0	0	0	0	0	3	8	0	0	0
MAR	9	8	2	1	0	23	0	0	0	0	0	3	9	0	0	0
APR	5	3	0	0	2	27	0	0	0	0	0	1	5	0	0	0
MAY	2	1	0	0	0	16	0	0	0	0	8	0	1	0	0	1
JUN	1	1	0	0	0	5	0	0	0	0	3	0	1	0	0	0
JUL	1	0	0	0	0	2	0	0	0	0	5	0	0	0	0	0
AUG	0	0	0	0	0	5	0	0	0	0	3	0	0	0	0	0
SEP	1	0	0	0	1	22	0	0	0	0	0	0	1	0	0	0
OCT	2	1	0	0	24	29	0	0	0	0	0	8	10	0	0	0
NOV	9	2	1	0	18	30	0	0	0	0	0	16	15	0	0	0
DEC	15	12	1	0	6	24	0	0	0	0	0	19	21	0	0	0
J/Y	65	45	11	4	53	225	0	0	0	0	19	56	82	0	0	1

W I N D O N T L E D I N G W I N D A N A L Y S I S

893/883 FRANCISTOWN ø 21°13' S λ 27°30' E H 1007M HA 9M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	4	1·8			21	2·8			28	4·0			5	1·9		
FEB	3	4·3			11	4·1			31	4·6			6	5·8		
MAR	0	0·0			9	3·4			41	4·6			8	3·9		
APR	4	3·3			10	4·3			27	4·7			6	5·7		
MAY	7	4·5			9	3·0			8	3·6			3	2·7		
JUN	5	2·8			4	3·7			36	4·2			7	2·7		
JUL	0	0·0			4	2·1			39	4·2			13	3·2		
AUG	2	1·8			4	5·1			42	5·1			4	5·0		
SEP	1	1·5			9	4·6			44	6·0			11	5·0		
OCT	5	2·8			9	6·5			40	6·5			9	4·3		
NOV	7	3·7			9	4·2			38	5·7			9	5·8		
DEC	6	4·8			10	6·2			30	6·0			18	5·0		
J/Y	44	3·4			109	4·1			404	5·0			99	4·4		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	1	2·1			1	1·5			2	4·6			3	3·4		
FEB	1	3·6			3	2·4			1	1·5			3	4·8		
MAR	4	4·1			1	6·2			1	1·5			0	0·0		
APR	6	2·7			3	3·1			3	3·4			3	5·7		
MAY	6	3·4			8	3·8			8	3·8			8	3·6		
JUN	5	3·3			0	0·0			0	0·0			1	1·5		
JUL	5	4·4			0	0·0			2	5·9			2	2·1		
AUG	7	4·0			3	6·5			4	3·2			2	4·9		
SEP	5	4·0			2	4·1			2	3·3			1	1·5		
OCT	9	4·1			1	2·6			2	1·8			7	4·3		
NOV	11	3·7			1	4·1			1	5·1			6	4·0		
DEC	4	2·9			2	4·4			2	2·1			3	3·4		
J/Y	64	3·7			25	3·9			28	3·4			39	3·9		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/ SEK M/ SEC
JAN	28	16	28	13	6	2	0	0	0	0	0	0	0	
FEB	25	8	17	18	11	5	0	0	0	0	0	0	0	
MAR	29	10	18	15	19	2	0	0	0	0	0	0	0	
APR	28	7	18	18	14	5	0	0	0	0	0	0	0	
MAY	36	10	19	19	8	1	0	0	0	0	0	0	0	
JUN	32	7	20	23	7	1	0	0	0	0	0	0	0	
JUL	28	6	25	22	10	2	0	0	0	0	0	0	0	
AUG	25	6	21	16	17	6	2	0	0	0	0	0	0	
SEP	15	6	17	19	22	9	2	0	0	0	0	0	0	
OCT	11	6	18	21	27	5	4	0	1	0	0	0	0	
NOV	8	5	19	28	24	6	0	0	0	0	0	0	0	
DEC	18	5	15	23	25	5	1	1	0	0	0	0	0	
J/Y	283	92	235	235	190	49	9	1	1	0	0	0	0	

1020/749 MAUN ø 19°59' S λ 23°25' E H 945M HA 13M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	28	2·3	19	2·4	29	2·5	41	2·7	17	2·4	17	2·1	13	1·8	20	2·5
FEB	21	2·5	9	2·1	18	2·4	78	2·7	60	2·9	40	2·5	4	2·6	1	1·8
MAR	24	2·6	10	2·3	16	2·2	62	2·1	33	2·4	69	2·1	6	1·7	11	1·6
APR	16	3·0	13	2·8	27	3·4	53	3·3	63	2·4	46	2·5	22	2·6	3	1·7
MAY	31	3·9	22	2·3	19	1·9	26	2·0	22	2·2	22	2·1	37	2·1	52	3·1
JUN	19	3·0	21	2·3	25	2·4	36	2·6	110	2·5	74	2·1	40	2·5	22	2·1
JUL	18	3·1	14	3·0	21	2·2	65	2·6	109	2·5	86	2·2	42	2·4	35	3·0
AUG	10	2·5	5	2·5	9	3·1	47	3·8	117	3·5	110	3·0	79	2·5	68	3·3
SEP	13	3·4	8	3·1	19	3·6	75	3·7	131	3·1	102	2·7	61	2·5	40	3·0
OCT	57	4·0	37	4·4	46	3·6	55	3·7	67	3·7	40	3·5	33	3·5	44	3·0
NOV	40	3·3	25	3·2	44	3·1	44	3·3	64	3·0	25	3·0	21	2·7	10	2·1
DEC	34	3·2	25	3·6	45	3·0	37	3·1	36	2·7	13	2·3	6	3·4	3	1·7
J/Y	311	3·2	208	3·0	318	2·9	619	3·0	829	2·9	644	2·5	364	2·5	309	3·0

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	14	2·2	3	2·1	1	4·5	2	1·3	3	1·7	6	2·8	7	2·5	16	2·5
FEB	3	1·9	5	2·3	2	2·0	2	1·8	3	1·7	13	1·9	4	1·7	17	2·3
MAR	2	3·4	0	0·0	0	0·0	0	0·0	0	0·0	0	0·0	0	0·0	4	2·0
APR	1	4·0	0	0·0	1	1·3	0	0·0	6	2·3	9	3·7	29	3·0	20	2·6
MAY	36	2·5	7	1·9	10	1·8	5	2·0	5	3·6	21	3·3	19	3·1	28	3·3
JUN	2	2·2	1	3·6	1	1·8	0	0·0	1	2·2	6	4·1	2	2·9	7	3·0
JUL	8	4·0	0	0·0	1	1·3	0	0·0	0	0·0	4	2·8	8	4·1	2	3·1
AUG	35	2·2	5	1·6	0	0·0	1	1·3	5	2·1	6	2·3	9	2·1	6	3·0
SEP	13	4·7	2	3·1	0	0·0	0	0·0	1	2·7	3	2·2	4	2·9	9	4·5
OCT	18	4·3	5	2·7	6	2·8	1	1·3	6	2·5	13	3·5	22	4·0	32	3·4
NOV	6	3·5	7	2·5	3	2·4	5	2·6	11	2·5	24	2·9	18	3·0	45	3·2
DEC	8	2·5	5	2·0	5	2·2	7	2·0	14	2·4	9	2·5	16	3·3	23	2·6
J/Y	146	3·0	40	2·2	30	2·2	23	2·0	53	2·4	114	3·0	138	3·1	209	3·0

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	7·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/ SEK M/ SEC
JAN	508	60	138	37	1	0	0	0	0	0	0	0	0	
FEB	388	65	152	62	1	0	0	0	0	0	0	0	0	
MAR	507	65	150	22	0	0	0	0	0	0	0	0	0	
APR	411	52	164	80	13	0	0	0	0	0	0	0	0	
MAY	382	89	176	82	15	0	0	0	0	0	0	0	0	
JUN	353	95	201	71	0	0	0	0	0	0	0	0	0	
JUL	331	89	224	94	6	0	0	0	0	0	0	0	0	
AUG	234	114	212	140	42	2	0	0	0	0	0	0	0	
SEP	239	72	227	141	41	0	0	0	0	0	0	0	0	
OCT	262	56	176	175	74	1	0	0	0	0	0	0	0	
NOV	328	59	196	116	21	0	0	0	0	0	0	0	0	
DEC	458	44	156	74	12	0	0	0	0	0	0	0	0	
J/Y	4401	860	2172	1094	226	3	0	0	0	0	0	0	0	

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

1055/374 TSUMEB SWA POS ø 19°14' S P BY/AT 1250GPM HT 1·2M P3
x 17°43' E H 1311M HR 1·2M P3

R DONDER
▲ HAEL
* SNEEU
≡ MIS
D DATUM
$ PERSENTASIE

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN $ 08	14	20	N IN 0-8 08	14	20
JAN	875·8	874·2	873·6	21·9	30·7	25·8	17·1	19·3	18·1	64	34	48	3·5	5·0	4·0
FEB	875·9	874·7	873·9	19·6	28·7	23·6	16·9	19·3	18·3	77	43	62	3·5	4·3	2·9
MAR	876·5	875·7	875·3	19·4	29·2	23·4	16·5	19·5	18·2	75	40	61	3·1	4·3	2·6
APR	877·5	876·3	875·8	17·9	28·0	21·7	15·2	18·6	16·8	76	41	62	2·7	4·2	2·0
MAY	877·8	876·4	876·2	10·5	27·1	16·8	7·3	14·7	11·3	65	22	51	0·4	0·6	0·1
JUN	881·3	879·8	879·9	10·8	25·1	15·0	6·9	13·6	9·6	57	24	49	0·7	1·0	0·4
JUL	882·1	880·6	880·6	9·8	23·9	14·6	5·9	12·6	8·7	54	23	43	0·8	0·1	0·3
AUG	880·7	878·9	878·6	12·0	26·0	17·5	6·7	13·1	9·6	45	19	33	0·4	0·4	0·2
SEP	879·0	876·9	876·9	18·3	30·1	21·8	9·5	14·2	11·5	28	12	24	0·8	0·9	1·0
OCT	876·5	874·5	874·3	23·4	33·8	26·5	12·8	16·6	14·7	26	13	25	2·1	2·2	2·4
NOV	876·2	874·3	873·7	24·7	32·5	27·0	16·6	18·5	17·1	44	25	37	2·9	4·3	4·2
DEC	875·1	873·4	872·9	22·8	31·3	26·6	18·1	20·1	19·1	65	36	50	5·5	4·7	5·1
J/Y	877·9	876·3	876·0	17·6	28·9	21·7	12·5	16·7	14·4	56	28	45	2·2	2·7	2·1

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROËBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	4
JAN	32·7	17·6	25·1	0·2	36·2	17	11·2	9	26·6	23	21·7	30	52·8	13·3	31
FEB	30·1	16·6	23·3	-0·8	34·3	20	12·5	16	23·0	13	20·1	22	139·2	38·5	10
MAR	30·4	17·1	23·7	0·4	34·0	5	13·6	21	24·4	14	20·5	11	63·4	24·7	6
APR	29·6	15·8	22·7	0·8	33·4	9	10·3	30	20·4	10	19·5	7	102·3	76·8	10
MAY	28·2	8·5	18·3	0·4	31·5	8	2·7	18	22·5	17	15·1	3	3·3	3·3	2
JUN	26·2	8·8	17·5	1·2	30·0	4	4·9	20	22·8	28	13·6	5	0·0	0·0	-
JUL	25·1	7·6	16·3	0·0	28·5	15	4·1	21	21·0	18	12·8	13	0·0	0·0	-
AUG	27·1	9·4	18·3	-0·8	31·1	30	4·2	3	22·1	18	14·4	22	0·0	0·0	-
SEP	31·2	13·0	22·1	-1·4	34·3	23	5·6	5	23·1	1	20·4	9	0·0	0·0	-
OCT	34·6	18·1	26·3	0·2	37·2	17	6·6	4	29·4	4	23·4	29	6·6	4·0	14
NOV	34·1	19·1	26·6	1·1	37·6	26	15·7	18	22·5	14	22·6	5	15·5	7·0	15
DEC	33·2	18·8	26·0	0·7	36·1	29	15·4	10	30·9	3	22·4	29	102·4	31·1	14
J/Y	30·2	14·2	22·2	0·1	37·6	-	2·7	-	20·4	-	23·4	-	485·5	76·8	-

P GEMIDDELDE LUSDRUK
T GEMIDDELDE DROËBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	R	▲	*	≡
JAN	10	9	1	0	5	29	0	0	0	0	0	5	8	0	0	0
FEB	11	11	5	2	0	18	0	0	0	0	0	1	8	0	0	1
MAR	6	6	2	0	0	19	0	0	0	0	0	1	6	0	0	0
APR	4	4	2	1	0	14	0	0	0	0	0	0	7	0	0	1
MAY	1	1	0	0	0	5	0	0	0	0	4	0	0	0	0	0
JUN	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
JUL	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
AUG	0	0	0	0	0	3	0	0	0	0	2	0	0	0	0	0
SEP	0	0	0	0	0	22	0	0	0	0	0	1	2	0	0	0
OCT	3	2	1	0	16	29	0	0	0	0	0	11	4	0	0	0
NOV	7	4	0	0	15	28	0	0	0	0	0	9	5	0	0	0
DEC	14	13	2	2	4	31	0	0	0	0	0	10	8	0	0	0
J/Y	56	50	12	5	40	195	0	0	0	0	9	38	48	0	0	2

1161/622 SHAKAWE BECH ø 18°22' S P BY/AT 1000GPM HT 1·2M 01
x 21°51' E H 1002M HR 1·2M 01

R THUNDER
▲ HAIL
* SNOW
≡ FOG
D DATE
$ PERCENTAGE

1959	P IN MB 08	14	20	T IN°C 08	14	20	T' IN°C 08	14	20	U IN $ 08	14	20	N IN 0-8 08	14	20
JAN	-	-	-	21·1	29·2	-	19·5	21·2	-	86	47		5·7	5·3	-
FEB	-	-	-	20·4	29·7	-	18·6	21·9	-	84	49		4·7	5·1	-
MAR	-	-	-	20·6	28·7	-	19·4	21·8	-	89	53		5·1	5·5	-
APR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAY	903·8	902·0	902·4	14·2	27·1	17·1	10·9	16·6	13·6	66	33	67	1·4	1·6	0·9
JUN	907·8	905·9	906·4	11·3	25·5	15·9	8·6	14·7	11·5	69	27	55	1·5	1·7	0·8
JUL	908·5	906·7	907·0	10·7	24·6	15·9	8·0	14·5	11·2	68	30	53	3·8	1·7	1·5
AUG	906·6	904·7	904·9	11·6	26·7	17·2	7·7	14·1	11·1	58	20	42	0·5	0·7	0·2
SEP	905·2	902·6	902·9	16·6	30·5	20·6	10·8	15·5	12·9	47	15	38	0·9	1·4	0·8
OCT	902·0	899·3	899·2	23·5	34·9	25·9	15·6	18·9	16·4	42	19	35	2·7	3·6	2·1
NOV	902·0	899·2	899·1	24·2	32·9	26·0	18·4	20·0	18·5	57	29	47	3·6	5·5	3·8
DEC	900·8	898·9	898·6	23·0	28·6	24·4	20·1	21·3	20·5	77	52	71	6·1	6·5	6·8
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	30·3	18·1	24·2	-0·5	34·5	17	10·7	14	21·0	4	21·5	22	267·9	61·6	4
FEB	31·1	17·7	24·4	-0·2	34·0	17	12·5	27	28·5	7	21·0	7	157·5	56·5	8
MAR	30·0	17·7	23·9	0·0	33·5	24	12·5	24	-	-	21·0	11	113·9	34·5	7
APR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAY	28·1	8·7	18·4	0·2	31·9	8	1·5	17	20·6	17	18·9	12	7·8	4·3	12
JUN	26·3	7·0	16·7	1·8	29·9	3	3·9	18	23·4	19	13·0	16	0·0	0·0	-
JUL	25·4	7·1	16·3	1·5	31·2	16	-1·5	20	19·0	18	14·2	6	0·0	0·0	-
AUG	27·5	7·1	17·3	0·0	32·5	30	3·5	18	23·0	18	11·5	22	0·0	0·0	-
SEP	31·3	9·5	20·4	-1·0	35·6	23	2·8	2	22·7	1	16·5	13	0·1	0·1	23
OCT	36·1	16·1	26·1	0·5	39·5	30	7·6	5	29·6	5	25·5	30	6·1	4·8	8
NOV	34·6	18·3	26·5	1·0	38·8	28	14·5	25	26·8	17	21·4	29	11·1	5·0	15
DEC	31·5	19·9	25·7	1·4	38·6	2	18·0	5	25·5	31	21·7	2	124·6	50·4	23
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	R	▲	*	≡
JAN	13	12	6	5	0	-	0	0	0	0	0	-	-	0	0	0
FEB	10	10	4	2	0	-	0	0	0	0	0	-	5	0	0	0
MAR	9	9	4	2	0	-	0	0	0	0	0	-	4	0	0	0
APR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAY	2	2	0	0	0	9	0	0	0	0	8	0	2	0	0	0
JUN	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
JUL	0	0	0	0	0	1	0	0	0	1	10	0	0	0	0	0
AUG	0	0	0	0	0	5	0	0	0	0	4	0	0	0	0	0
SEP	1	0	0	0	1	22	0	0	0	0	6	0	3	0	0	0
OCT	6	1	0	0	23	29	0	0	0	0	0	6	11	0	0	0
NOV	4	3	0	0	15	27	0	0	0	0	0	6	16	0	0	0
DEC	21	14	3	1	3	23	0	0	0	0	0	13	22	0	0	0
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

W I N D O N T L E D I N G W I N D A N A L Y S I S

1055/374 TSUMEB ø 19°14' S λ 17°43' E H 1311M HA 9M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	0	0·0			0	0·0			0	0·0			2	1·8		
FEB	0	0·0			0	0·0			0	0·0			1	1·5		
MAR	0	0·0			0	0·0			2	1·5			5	1·5		
APR	0	0·0			2	1·5			1	2·1			4	2·2		
MAY	4	2·8			3	1·7			1	2·6			6	3·8		
JUN	3	4·8			5	3·9			10	2·6			14	2·4		
JUL	0	0·0			4	1·7			11	2·2			6	2·3		
AUG	0	0·0			0	0·0			10	3·0			19	5·5		
SEP	0	0·0			1	2·6			14	3·1			14	4·2		
OCT	0	0·0			5	2·8			8	2·3			13	3·2		
NOV	3	2·2			2	1·5			6	2·2			9	3·4		
DEC	1	1·5			2	1·8			3	3·1			7	1·9		
J/Y	11	3·4			24	2·4			66	2·6			100	3·4		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	0	0·0			1	1·5			1	2·6			0	0·0		
FEB	0	0·0			1	1·5			1	2·1			0	0·0		
MAR	0	0·0			0	0·0			0	0·0			0	0·0		
APR	1	6·7			0	0·0			0	0·0			2	4·6		
MAY	1	2·1			2	1·8			4	5·1			4	4·1		
JUN	0	0·0			1	2·6			0	0·0			0	0·0		
JUL	0	0·0			0	0·0			1	1·5			0	0·0		
AUG	1	3·1			2	4·4			0	0·0			0	0·0		
SEP	1	2·1			1	2·6			0	0·0			1	2·1		
OCT	0	0·0			2	5·1			2	4·1			1	1·5		
NOV	2	2·6			1	2·6			2	2·8			3	1·5		
DEC	2	1·5			1	2·6			4	2·1			1	1·5		
J/Y	8	2·8			12	3·0			15	3·2			12	2·9		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	89	2	2	0	0	0	0	0	0	0	0	0	0	
FEB	81	2	1	0	0	0	0	0	0	0	0	0	0	
MAR	86	7	0	0	0	0	0	0	0	0	0	0	0	
APR	80	3	5	0	2	0	0	0	0	0	0	0	0	
MAY	68	9	8	4	2	2	0	0	0	0	0	0	0	
JUN	57	5	21	5	1	1	0	0	0	0	0	0	0	
JUL	71	9	12	1	0	0	0	0	0	0	0	0	0	
AUG	61	0	10	15	3	4	0	0	0	0	0	0	0	
SEP	58	0	19	8	5	0	0	0	0	0	0	0	0	
OCT	62	11	8	9	2	1	0	0	0	0	0	0	0	
NOV	62	14	7	6	0	1	0	0	0	0	0	0	0	
DEC	71	13	8	0	0	0	0	0	0	0	0	0	0	
J/Y	846	75	101	48	15	9	0	0	0	0	0	0	0	

1161/622 SHAKANE ø 18°22' S λ 21°51' E H 1002M HA 6M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N ND	N VM	NNE ND	NNE VM	NE ND	NE VM	ENE ND	ENE VM	E ND	E VM	ESE ND	ESE VM	SE ND	SE VM	SSE ND	SSE VM
JAN	2	1·5			8	2·8			11	2·0			8	2·6		
FEB	7	2·4			3	1·5			15	2·2			8	2·7		
MAR	2	1·5			3	2·6			14	2·1			10	2·6		
APR	-	-			-	-			-	-			-	-		
MAY	2	2·6			3	1·9			12	2·8			3	4·0		
JUN	3	2·1			1	2·6			14	2·9			5	2·6		
JUL	2	2·3			1	2·6			12	2·7			5	3·4		
AUG	2	1·5			1	5·1			12	3·7			18	3·8		
SEP	1	1·5			5	3·1			16	2·8			12	3·6		
OCT	11	2·3			8	3·1			7	2·2			8	4·3		
NOV	8	2·9			1	1·5			8	3·1			3	4·0		
DEC	5	2·1			4	1·5			3	2·2			3	2·1		
J/Y	-	-			-	-			-	-			-	-		

1959	S ND	S VM	SSW ND	SSW VM	SW ND	SW VM	WSW ND	WSW VM	W ND	W VM	WNW ND	WNW VM	NW ND	NW VM	NNW ND	NNW VM
JAN	4	2·3			1	1·5			0	0·0			3	1·5		
FEB	1	1·5			1	1·5			4	2·2			0	0·0		
MAR	3	2·4			1	4·1			2	2·8			1	2·6		
APR	-	-			-	-			-	-			-	-		
MAY	5	3·3			0	0·0			5	2·7			2	2·1		
JUN	0	0·0			0	0·0			0	0·0			0	0·0		
JUL	5	2·8			0	0·0			1	1·5			1	3·1		
AUG	2	4·9			0	0·0			2	2·8			1	2·1		
SEP	4	2·2			0	0·0			0	0·0			0	0·0		
OCT	2	6·2			1	2·6			2	1·5			3	3·1		
NOV	3	3·2			0	0·0			4	2·6			4	3·3		
DEC	2	2·3			3	4·3			2	3·6			3	4·6		
J/Y	-	-			-	-			-	-			-	-		

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0-1·0	1·1-1·5	1·6-3·3	3·4-5·4	5·5-7·9	8·0-10·7	10·8-13·8	13·9-17·1	17·2-20·7	20·8-24·4	24·5-28·4	28·5-32·6	32·7+	M/SEK M/SEC
JAN	18	20	15	1	1	0	0	0	0	0	0	0	0	
FEB	15	18	20	1	0	0	0	0	0	0	0	0	0	
MAR	20	15	17	4	0	0	0	0	0	0	0	0	0	
APR	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAY	61	8	18	3	3	0	0	0	0	0	0	0	0	
JUN	67	6	13	3	1	0	0	0	0	0	0	0	0	
JUL	66	5	17	5	0	0	0	0	0	0	0	0	0	
AUG	55	7	11	16	4	0	0	0	0	0	0	0	0	
SEP	52	12	15	8	3	0	0	0	0	0	0	0	0	
OCT	51	14	17	6	5	0	0	0	0	0	0	0	0	
NOV	59	12	8	8	3	0	0	0	0	0	0	0	0	
DEC	68	11	9	4	1	0	0	0	0	0	0	0	0	
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	

KLIMAATTABELLE — STASIES VAN DIE EERSTE ORDE
CLIMATOLOGICAL TABLES — FIRST ORDER STATIONS

0/545 TRISTAN DA CUNHA — WEERKANTOOR / WEATHER OFFICE

Ø 37°03' S, λ 12°19' W — P BY/AT 0GPM — H 23M — HT 1·2M K8 — HR 1·2M K8

1959	P IN MB 08	P 14	P 20	T IN°C 08	T 14	T 20	T' IN°C 08	T' 14	T' 20	U IN % 08	U 14	U 20	N IN 0-8 08	N 14	N 20
JAN	1018·2	1018·3	1018·0	16·9	19·8	19·0	16·0	18·0	17·3	90	83	84	7·2	6·8	7·0
FEB	1017·3	1018·0	1017·3	17·6	20·9	19·8	15·7	17·9	17·2	80	74	76	6·1	5·5	6·2
MAR	1017·1	1018·0	1017·6	16·5	19·6	18·2	15·0	16·8	16·0	84	74	78	7·0	6·3	6·1
APR	1016·7	1017·5	1017·3	14·6	16·9	15·3	12·8	14·3	12·9	80	74	75	6·2	6·3	6·3
MAY	1018·1	1018·7	1018·1	12·8	15·0	13·4	10·9	12·5	11·3	78	73	77	6·4	6·8	6·7
JUN	1017·4	1017·9	1017·1	12·8	14·1	13·1	11·5	12·4	11·5	84	80	81	7·0	6·8	7·2
JUL	1018·9	1020·2	1019·6	11·9	13·0	12·1	10·1	11·0	10·4	78	76	79	6·4	6·7	6·4
AUG	1018·3	1019·2	1018·3	12·0	13·4	12·6	10·7	11·8	11·1	84	80	82	7·2	7·0	7·1
SEP	1020·1	1021·0	1020·3	11·0	13·9	12·1	9·7	11·8	10·3	83	77	79	7·1	6·9	7·0
OCT	1015·5	1016·3	1015·7	12·3	14·5	13·6	11·2	12·9	12·2	86	82	84	7·1	7·0	6·8
NOV	1018·8	1019·5	1019·1	13·3	15·4	14·9	12·1	13·7	13·2	86	82	82	7·3	7·1	6·7
DEC	1019·2	1019·8	1019·4	15·5	17·9	17·4	14·5	16·4	16·0	89	85	86	7·5	7·2	7·1
J/Y	1018·0	1018·7	1018·1	13·9	16·2	15·1	12·5	14·1	13·3	83	78	80	6·9	6·7	6·7

UITERSTE TEMPERATURE / EXTREME TEMPERATURES — NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	21·3	15·6	18·5	0·9	23·8	1	10·1	9	17·1	7	19·3	23	133·7	25·8	10
FEB	22·1	16·5	19·3	1·0	24·7	15	10·9	10	18·4	21	21·7	2	147·7	41·5	2
MAR	20·9	15·5	18·2	0·8	24·6	4	11·5	9	17·7	14	20·6	12	69·7	32·7	12
APR	18·1	12·8	15·5	-0·8	21·1	4	9·6	6	14·7	29	16·8	5	171·1	62·0	15
MAY	16·5	11·0	13·7	-0·5	20·0	2	7·1	17	13·8	28	15·7	11	97·8	28·6	14
JUN	15·5	11·2	13·3	0·5	20·2	7	4·3	21	10·7	20	16·3	8	205·0	37·5	9
JUL	14·4	9·6	12·0	-0·1	17·4	3	5·6	23	10·7	19	13·7	13	115·2	21·0	4
AUG	14·8	10·2	12·5	0·9	18·7	18	5·0	5	9·5	5	15·0	17	155·7	34·7	10
SEP	15·5	9·5	12·5	0·7	18·5	11	3·8	28	11·0	28	14·0	14	97·1	25·5	24
OCT	15·8	10·9	13·3	0·5	20·5	6	6·4	28	11·3	27	14·4	31	154·1	19·5	5
NOV	17·0	11·9	14·5	0·0	20·7	18	8·8	2	13·9	2	15·9	20	134·5	40·9	9
DEC	19·3	14·6	16·9	0·5	24·2	29	8·8	8	14·8	16	18·5	30	126·1	27·9	2
J/Y	17·6	12·4	15·0	0·3	24·7	-	3·8	-	9·5	-	21·7	-	1607·7	62·0	-

AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ☈	▲	✱	≡
JAN	18	12	5	1	0	0	1	0	0	0	0	0	0	0	0	0
FEB	12	9	6	2	0	0	0	0	0	0	0	3	0	0	0	0
MAR	15	8	2	1	0	0	0	0	0	0	0	1	0	0	0	0
APR	21	15	4	1	0	0	8	0	0	0	0	0	0	0	0	0
MAY	19	13	2	1	0	0	22	0	0	0	0	0	0	0	0	0
JUN	22	18	6	3	0	0	24	0	0	0	2	0	2	1	0	0
JUL	28	19	3	0	0	0	31	0	0	0	0	0	3	2	0	0
AUG	24	18	5	1	0	0	29	1	0	0	0	0	1	0	0	0
SEP	24	17	2	1	0	0	28	0	0	0	1	0	0	2	0	0
OCT	26	22	7	0	0	0	25	0	0	0	0	0	0	0	0	0
NOV	19	14	4	1	0	0	19	0	0	0	0	0	0	1	0	0
DEC	19	15	5	1	0	0	5	0	0	0	0	0	0	0	0	1
J/Y	247	180	51	13	0	0	192	1	0	0	3	4	6	6	0	1

☈ DONDER, ▲ HAEL, ✱ SNEEU, ≡ MIS, D DATUM, % PERSENTASIE

TXX HOOGSTE MAKS TEMP, TNN LAAGSTE MIN TEMP, TXN LAAGSTE MAKS TEMP, TNX HOOGSTE MIN TEMP, R TOTALE REËNVAL, RX MAKSIMUM REËNVAL, GPM GEOPOTENTIALE METERS, HT HOOGTE VAN DROËBOL TERM, HR HOOGTE VAN REËNMETER, HA HOOGTE VAN ANEMOGRAAF

P GEMIDDELDE LUGDRUK, T GEMIDDELDE DROËBOL TEMP, T' GEMIDDELDE NATBOL TEMP, U GEMIDDELDE RELATIEWE VOG, N GEM WOLKSHOEVEELHEID, TX GEMIDDELDE MAKSIMUM TEMP, TN GEMIDDELDE MINIMUM TEMP, TM TX + TN / 2, ΔTM AFWYKING VAN DIE NORMAAL, H HOOGTE VAN STASIE

0/653 MARION — WEERKANTOOR / WEATHER OFFICE

Ø 46°53' S, λ 37°52' E — P BY/AT 0GPM — H 23M — HT 1·2M K7 — HR 1·2M K7

1959	P IN MB 08	P 14	P 20	T IN°C 8	T 14	T 20	T' IN°C 08	T' 14	T' 20	U IN % 08	U 14	U 20	N IN 0-8 08	N 14	N 20
JAN	1008·3	1008·2	1009·0	6·9	8·0	6·3	5·8	6·6	5·5	83	81	87	6·4	6·4	6·6
FEB	1007·3	1006·4	1007·6	7·5	8·3	6·7	6·5	6·9	5·6	85	81	85	7·0	6·4	6·3
MAR	1009·7	1009·5	1009·7	8·0	8·6	7·1	6·4	7·1	6·1	78	80	85	5·6	6·5	5·9
APR	1011·9	1011·7	1012·4	6·4	7·4	6·1	5·5	6·2	5·3	88	83	88	6·6	6·9	6·3
MAY	1009·8	1008·9	1009·3	5·6	6·0	5·3	5·0	5·4	4·9	90	90	93	7·1	7·2	6·6
JUN	999·2	998·1	999·4	4·6	5·2	4·8	3·7	4·1	3·7	85	83	82	6·8	6·9	5·7
JUL	1012·2	1012·4	1012·5	4·3	4·5	3·9	3·0	3·2	2·8	80	78	81	6·6	6·6	6·5
AUG	1007·0	1007·5	1007·2	2·9	3·7	3·0	1·6	2·2	2·0	77	76	82	6·3	6·7	6·2
SEP	1012·0	1010·7	1011·2	3·3	4·1	3·0	2·1	3·0	2·1	80	81	84	7·0	6·9	6·4
OCT	1009·6	1009·0	1009·4	5·3	5·8	3·9	3·9	4·4	2·8	78	79	84	6·2	6·4	5·9
NOV	1009·4	1008·8	1008·8	5·1	5·9	4·8	3·6	4·6	3·7	76	79	82	6·3	6·8	6·7
DEC	999·9	998·6	999·4	5·4	6·5	4·9	4·2	5·0	3·7	82	78	81	6·9	6·9	6·5
J/Y	1008·0	1007·5	1008·0	5·4	6·2	5·0	4·3	4·9	4·0	82	81	85	6·6	6·7	6·3

UITERSTE TEMPERATURE / EXTREME TEMPERATURES — NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	9·5	4·7	7·1	0·0	16·5	28	1·0	2	4·4	13	8·1	27	228·0	46·5	26
FEB	10·3	4·5	7·4	-0·3	16·4	21	1·4	5	6·4	14	8·0	19	253·2	51·8	24
MAR	10·5	5·0	7·7	0·2	17·7	23	1·2	6	7·4	13	8·3	22	258·0	40·4	16
APR	8·9	4·1	6·5	0·3	13·8	18	0·6	20	4·8	29	9·9	19	245·3	50·6	7
MAY	7·8	3·8	5·8	0·9	12·4	19	-1·5	6	3·0	8	8·0	19	171·4	25·7	11
JUN	6·9	2·3	4·6	0·5	9·8	2	-1·3	28	2·4	6	6·4	20	317·4	66·6	19
JUL	6·8	1·5	4·1	0·4	9·5	30	-2·6	26	2·0	11	6·9	7	249·1	54·1	29
AUG	5·4	0·9	3·1	-0·4	9·1	14	-5·5	3	0·4	16	6·2	15	197·2	32·0	10
SEP	5·6	1·1	3·3	-0·2	10·4	18	-3·5	10	1·6	9	5·2	2	206·4	64·0	27
OCT	8·0	2·5	5·3	0·7	15·5	11	-1·7	8	4·0	5	5·4	17	120·5	56·0	22
NOV	7·9	2·5	5·2	-0·4	11·7	15	-0·8	1	2·8	8	6·5	15	316·4	60·9	22
DEC	7·8	3·1	5·5	-0·8	10·3	12	0·2	14	4·7	26	6·2	9	200·1	43·5	13
J/Y	7·9	3·0	5·5	0·1	17·7	-	-5·5	-	0·4	-	9·9	-	2763·0	66·6	-

AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ☈	▲	✱	≡
JAN	20	16	8	3	0	0	31	18	0	0	15	0	0	1	8	5
FEB	20	18	8	4	0	0	28	15	0	0	15	0	0	0	2	3
MAR	25	20	11	3	0	0	29	18	0	0	17	0	0	1	3	7
APR	22	20	7	3	0	0	30	20	0	0	22	0	2	0	2	10
MAY	25	17	6	2	0	0	31	23	0	3	19	0	0	0	6	10
JUN	29	26	10	3	0	0	30	30	0	3	25	0	1	2	17	4
JUL	28	22	11	1	0	0	31	31	1	4	30	0	0	0	8	4
AUG	28	23	7	1	0	0	31	31	1	9	29	0	0	0	20	3
SEP	23	17	6	1	0	0	30	29	2	8	29	0	1	0	13	3
OCT	19	17	2	1	0	0	31	24	0	4	28	0	0	0	9	3
NOV	25	19	6	6	0	0	30	27	0	3	25	0	1	0	10	0
DEC	25	22	8	2	0	0	31	26	0	0	25	0	0	0	9	1
J/Y	289	237	90	30	0	0	363	292	4	34	279	0	5	4	107	53

☈ THUNDER, ▲ HAIL, ✱ SNOW, ≡ FOG, D DATE, % PERCENTAGE

TXX HIGHEST MAX TEMP, TNN LOWEST MIN TEMP, TXN LOWEST MAX TEMP, TNX HIGHEST MIN TEMP, R TOTAL RAINFALL, RX MAXIMUM RAINFALL, GPM GEOPOTENTIAL METRES, HT HEIGHT OF DRY BULB THERM, HR HEIGHT OF RAINGAUGE, HA HEIGHT OF ANEMOGRAPH

P MEAN PRESSURE, T MEAN DRY BULB TEMP, T' MEAN WET BULB TEMP, U MEAN RELATIVE HUMIDITY, N MEAN CLOUD AMOUNT, TX MEAN MAXIMUM TEMP, TN MEAN MINIMUM TEMP, TM TX + TN / 2, ΔTM DEVIATION FROM NORMAL, H HEIGHT OF STATION

W I N D O N T L E D I N G W I N D A N A L Y S I S

0/543 TRISTAN DA CUNHA ø 37°03' S λ 12°19' W H 23M

GEEN WIND WAARNEMINGS NIE

NO WIND OBSERVATIONS

0/653 MARION ISLAND ø 46°53' S λ 37°52' E H 23M HA 15M

WINDRIGTINGSFREKWENSIE ND EN GEMIDDELDE SPOED VM IN M/SEK
WIND DIRECTION FREQUENCY ND AND AVERAGE SPEED VM IN M/SEC

1959	N		NNE		NE		ENE		E		ESE		SE		SSE	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	16	2·9	3	2·8	2	3·4	3	2·4	3	3·9	11	2·5	17	5·9	98	10·6
FEB	21	3·8	25	3·2	8	2·4	17	3·5	13	3·4	20	3·2	31	3·9	37	4·2
MAR	41	7·4	13	9·2	4	2·1	6	2·8	3	3·3	6	4·3	9	4·9	12	4·7
APR	17	5·6	17	6·0	6	6·2	20	4·6	18	3·2	25	3·6	32	4·6	28	5·2
MAY	16	3·0	25	5·5	26	4·6	24	5·9	32	4·4	18	3·2	26	3·6	63	5·5
JUN	8	3·1	8	6·5	1	4·5	4	2·5	4	2·7	5	2·1	5	3·0	14	4·2
JUL	15	6·1	8	3·1	4	3·4	6	4·2	9	3·0	5	2·3	7	3·1	21	5·4
AUG	15	8·1	21	5·0	10	4·7	9	5·4	7	2·4	8	2·4	13	4·7	19	5·6
SEP	10	5·4	6	2·1	7	2·9	4	3·7	7	2·9	7	2·7	6	2·0	20	7·3
OCT	25	4·9	7	3·5	7	3·0	9	3·0	9	2·8	13	2·8	10	5·4	19	9·6
NOV	9	9·8	7	4·1	11	3·3	10	4·1	13	3·7	6	2·7	8	3·5	4	5·5
DEC	16	3·5	25	7·4	6	3·4	7	2·6	5	3·3	5	2·6	5	3·3	35	6·2
J/Y	209	5·4	165	5·4	92	3·8	119	4·2	123	3·5	129	3·0	169	4·2	370	7·0

1959	S		SSW		SW		WSW		W		WNW		NW		NNW	
	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM	ND	VM
JAN	8	6·5	17	6·3	19	4·2	18	4·8	36	7·1	159	9·6	189	7·8	88	6·7
FEB	10	8·7	39	8·6	36	5·4	29	6·7	32	8·0	93	8·9	138	7·8	81	7·1
MAR	24	4·1	34	5·2	53	8·8	52	11·0	49	7·5	157	10·8	199	8·4	62	7·5
APR	22	5·5	31	5·3	20	7·1	44	4·6	22	9·0	112	9·9	197	8·1	47	4·9
MAY	51	5·7	16	3·5	24	8·4	25	7·8	56	8·6	103	10·9	86	6·4	50	5·7
JUN	10	2·8	74	9·0	42	7·0	79	10·3	74	8·9	188	11·4	141	8·1	37	8·4
JUL	28	7·2	34	9·7	78	9·2	59	11·5	60	12·5	225	12·3	97	9·7	55	8·6
AUG	32	6·9	13	4·9	79	7·5	85	11·6	96	13·8	127	9·8	76	7·2	74	9·7
SEP	42	7·6	42	6·8	49	8·7	71	12·3	35	8·9	134	10·9	147	7·5	97	10·1
OCT	15	7·1	44	8·5	53	6·5	33	9·1	54	10·5	167	9·7	170	9·6	88	7·9
NOV	44	14·8	77	9·0	37	7·3	61	8·2	46	8·1	148	16·5	165	10·4	71	9·4
DEC	19	6·0	57	5·9	51	6·3	101	10·1	37	9·3	145	9·9	137	7·5	81	7·5
J/Y	305	7·5	478	7·5	541	7·5	657	9·7	597	9·9	1758	10·5	1742	8·3	831	7·9

WINDSPOEDFREKWENSIE WIND SPEED FREQUENCY

1959	0·0- 1·0	1·1- 1·5	1·6- 3·3	3·4- 5·4	5·5- 7·9	8·0- 10·7	10·8 13·8	13·9 17·1	17·2 20·7	20·8 24·4	24·5 28·4	28·5 32·6	32·7 +	M/ SEK M/ SEC
JAN	57	35	80	116	153	132	118	47	5	1	0	0	0	
FEB	42	11	128	141	150	108	75	12	3	2	0	0	0	
MAR	20	28	71	118	175	138	109	49	29	7	0	0	0	
APR	62	35	133	122	145	96	95	24	8	0	0	0	0	
MAY	103	36	122	140	156	90	47	39	11	0	0	0	0	
JUN	26	30	83	71	134	142	122	74	34	4	0	0	0	
JUL	33	29	78	73	109	100	133	103	67	15	4	0	0	
AUG	60	36	90	93	109	128	92	62	51	23	0	0	0	
SEP	36	15	75	92	150	134	116	70	25	5	2	0	0	
OCT	21	4	92	108	158	162	128	43	22	6	0	0	0	
NOV	3	10	56	101	140	145	149	72	42	2	0	0	0	
DEC	12	20	102	138	171	104	134	55	8	0	0	0	0	
J/Y	475	289	1110	1313	1750	1479	1318	650	305	65	6	0	0	

K L I M A A T T A B E L L E
STASIES VAN DIE EERSTE ORDE

C L I M A T O L O G I C A L T A B L E S
FIRST ORDER STATIONS

0/709 GOUGH — WEERKANTOOR / WEATHER OFFICE — φ 40°19'S λ 9°54'W — P BY/AT H — GGPM 5M — HT 1·2M HR 1·2M — K6 K6

1959	P IN MB 08	14	20	T IN°C 8	14	20	T' IN°C 08	14	20	U IN % 08	14	20	N IN 0-8 08	14	20
JAN	1016·4	1017·2	1016·7	13·4	15·5	15·4	11·9	13·0	13·0	83	74	74	6·0	6·7	6·7
FEB	1014·7	1015·8	1015·2	15·1	17·5	16·4	13·0	14·4	13·9	77	70	74	5·3	5·9	5·2
MAR	1014·7	1015·9	1015·5	13·7	15·5	14·7	12·1	12·9	12·6	82	73	77	7·1	6·8	6·6
APR	1013·4	1014·5	1014·7	11·8	13·0	11·9	10·1	10·7	9·9	79	73	76	6·7	7·1	6·8
MAY	1014·7	1015·6	1015·3	10·2	11·6	10·9	9·2	10·0	9·5	86	81	82	7·1	7·0	7·4
JUN	1013·3	1013·8	1013·1	10·2	11·2	10·8	9·0	9·7	9·2	85	81	80	7·0	7·3	7·0
JUL	1012·8	1015·0	1014·3	9·2	9·8	9·0	7·8	7·9	7·3	81	76	78	7·1	6·9	6·7
AUG	1014·4	1014·9	1014·4	9·6	10·5	9·8	8·2	9·0	8·3	81	81	81	6·4	7·0	6·8
SEP	1018·2	1018·9	1017·8	8·5	9·9	9·3	7·0	8·0	7·7	80	75	78	6·6	6·5	6·2
OCT	1013·1	1014·0	1013·4	10·0	11·0	10·4	9·0	9·4	9·1	86	80	83	7·2	7·1	7·1
NOV	1015·9	1016·3	1015·9	10·8	12·5	12·0	9·5	10·5	10·3	83	77	80	6·6	6·9	6·5
DEC	1016·7	1017·1	1016·7	13·3	15·1	14·6	11·9	13·3	12·6	85	79	77	6·8	6·8	6·4
J/Y	1014·9	1015·7	1015·3	11·3	12·8	12·1	9·9	10·7	10·3	82	77	78	6·7	6·8	6·6

1959	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	17·6	12·0	14·8	-	22·6	11	8·0	7	13·2	7	16·1	12	187·0	45·0	1
FEB	18·7	13·8	16·3	-	22·3	7	8·2	22	12·8	21	19·3	8	158·9	29·6	28
MAR	16·6	12·2	14·4	-	21·8	11	7·5	29	11·8	15	19·3	12	199·8	97·7	17
APR	14·5	9·7	12·1	-	18·7	4	5·2	14	10·0	26	16·4	4	413·6	75·2	21
MAY	13·0	8·6	10·8	-	19·6	20	4·8	17	7·1	17	14·2	11	310·3	60·2	11
JUN	13·0	8·2	10·6	-	17·7	3	1·8	21	6·6	21	15·3	4	578·1	95·2	23
JUL	12·2	6·7	9·5	-	15·4	16	3·1	10	6·6	19	11·7	8	463·2	46·6	11
AUG	12·0	7·8	9·9	-	16·8	17	2·4	23	6·2	21	14·2	18	352·4	46·9	31
SEP	11·5	6·9	9·2	-	15·8	13	2·8	28	7·1	16	11·4	14	277·6	46·1	20
OCT	12·3	8·3	10·3	-	16·2	31	3·6	25	7·3	27	12·5	10	261·1	64·1	7
NOV	13·9	9·5	11·7	-	18·0	12	6·3	15	9·8	8	15·4	20	331·8	73·0	20
DEC	16·5	12·0	14·3	-	22·2	24	5·7	15	8·6	15	18·4	26	241·0	57·0	13
J/Y	14·3	9·6	11·9	-	22·6	-	1·8	-	6·2	-	19·3	-	3774·8	97·7	-

1959	AANTAL DAE IN GEGEWE PERKE VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ☒	▲	✱	≡
JAN	18	16	5	3	0	0	11	0	0	0	0	0	0	0	0	0
FEB	14	12	8	2	0	0	7	0	0	0	0	0	0	0	0	0
MAR	19	15	3	2	0	0	20	0	0	0	0	0	0	1	0	0
APR	23	20	11	6	0	0	26	0	0	0	0	0	0	4	0	0
MAY	28	21	11	3	0	0	30	6	0	0	1	0	0	5	0	0
JUN	29	27	15	9	0	0	29	6	0	0	5	0	2	10	0	0
JUL	30	25	16	6	0	0	31	7	0	0	10	0	1	13	0	0
AUG	29	27	12	4	0	0	31	10	0	0	5	0	0	4	0	0
SEP	28	22	8	5	0	0	30	11	0	0	7	0	0	4	3	0
OCT	30	27	8	2	0	0	31	4	0	0	5	0	0	5	0	2
NOV	22	18	9	4	0	0	28	2	0	0	0	0	0	0	0	0
DEC	21	17	9	2	0	0	19	1	0	0	0	0	0	0	0	0
J/Y	291	247	115	48	0	0	293	47	0	0	33	0	3	46	3	2

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROEBOL TEMP
TT GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

☒ DONDER
▲ HAEL
✱ SNEEU
≡ MIS
D DATUM
% PERSENTASIE

WINDONTLEDING			WIND ANALYSIS			
0/709	GOUGH EILAND	ø 40°19' S λ 9°54' W	H	5W	HA	5W

GEEN WIND WAARNEMINGS NIE

NO WIND OBSERVATIONS

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

5/611 STEENBRASDAM

Ø34°11' S P BY/AT -6PM HT 1·2M 03
X18°51' E H 339M HR 1·2M 03

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	TI IN°C 08	TI IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	17·6	22·8	14·6	17·0	70	53	2·6	2·5
FEB	-	-	18·9	24·8	16·0	18·9	73	54	2·6	2·3
MAR	-	-	16·1	22·2	14·4	17·4	82	60	3·9	2·8
APR	-	-	12·9	17·7	11·9	14·3	88	67	4·6	4·6
MEI	-	-	10·5	13·2	9·7	11·3	91	78	6·7	6·4
JUN	-	-	10·2	15·3	8·6	11·7	79	61	4·3	3·4
JUL	-	-	9·0	14·6	7·8	11·0	84	61	3·2	3·6
AUG	-	-	10·4	15·3	8·4	11·2	75	59	4·2	4·6
SEP	-	-	11·2	17·6	9·6	12·7	80	53	4·2	3·6
OCT	-	-	12·1	16·4	10·5	12·8	80	64	5·7	4·6
NOV	-	-	16·1	21·7	13·1	16·4	69	55	2·6	1·8
DEC	-	-	16·6	21·5	14·5	-	78	-	4·0	3·4
J/Y	-	-	13·5	18·6	11·6	-	79	-	4·1	3·6

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	24·0	14·4	19·2	-0·6	34·5	30	10·0	12	15·0	12	18·5	24	32·5	11·0	11
FEB	25·9	16·5	21·2	0·9	35·9	4	12·4	2	18·5	19	19·7	22	27·4	10·5	26
MAR	23·0	14·5	18·7	-0·2	33·3	14	10·5	18	15·5	17	20·7	15	50·1	27·0	3
APR	18·6	11·9	15·3	-0·5	28·1	17	8·3	8	11·5	29	16·8	17	163·9	30·5	3
MAY	15·0	9·6	12·3	-1·6	24·3	18	4·2	15	10·7	14	11·3	9	329·4	70·5	6
JUN	16·2	8·7	12·5	0·8	22·9	29	4·2	4	10·5	24	11·6	30	23·7	13·6	7
JUL	15·7	7·4	11·5	0·8	21·1	30	3·8	9	11·2	10	11·5	21	56·5	11·0	2
AUG	16·3	8·1	12·2	0·9	26·3	20	2·9	7	10·1	30	12·3	11	133·9	44·5	29
SEP	18·9	9·2	14·1	1·6	32·8	29	4·5	13	11·2	12	13·6	6	60·3	17·0	20
OCT	17·7	10·3	14·0	-0·5	27·0	25	5·6	5	10·1	4	14·3	15	93·7	19·5	29
NOV	22·6	13·0	17·8	1·1	31·8	22	7·5	1	12·8	1	16·7	24	11·4	11·0	17
DEC	22·7	14·3	18·5	0·1	31·0	20	11·6	10	16·1	17	17·0	12	30·3	10·5	16
J/Y	19·7	11·5	15·6	0·3	35·9	-	2·9	-	10·1	-	20·7	-	1013·1	70·5	-

1958	AANTAL DAE IN GEGEWE PERKE / VAN REEN ≥0·1	/OF RAIN ≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	⛈	▲	✱	≡
JAN	7	5	2	0	0	2	1	0	0	0	0	0	-	0	0	0
FEB	7	4	2	0	1	4	0	0	0	0	0	0	1	0	0	0
MAR	7	6	1	1	0	3	3	0	0	0	0	1	0	0	0	6
APR	13	11	6	3	0	0	13	0	0	0	0	0	3	1	0	5
MAY	20	19	11	5	0	0	25	0	0	0	1	0	2	0	0	15
JUN	5	5	2	0	0	0	19	0	0	0	-	0	0	0	0	5
JUL	10	9	1	0	0	0	21	0	0	0	5	0	0	0	0	-
AUG	12	9	4	2	2	0	23	0	0	0	3	0	0	1	0	2
SEP	9	9	3	2	0	1	13	0	0	0	2	0	0	0	0	4
OCT	13	11	4	0	0	0	16	0	0	0	0	0	0	3	0	6
NOV	2	1	1	0	0	1	3	0	0	0	0	0	0	0	0	2
DEC	6	5	1	0	0	1	1	0	0	0	0	0	0	0	0	-
J/Y	111	94	38	11	1	12	138	0	0	0	-	1	-	5	0	-

10/456 RIVERSDALE

Ø34°06' S P BY/AT 0GPM HT 1·2M 04
X21°16' E H 107M HR 1·2M 04

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	TI IN°C 08	TI IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	1016·4	1014·8	17·4	24·2	15·6	18·3	82	53	4·4	-
FEB	1016·4	-	18·6	-	17·2	-	86	-	4·9	-
MAR	1017·9	1016·7	15·5	24·3	14·7	18·7	91	56	5·3	-
APR	1017·2	(1015·3)	11·7	(21·6)	11·3	(14·9)	95	(44)	5·3	-
MAY	1015·9	1014·4	9·5	19·1	8·5	14·5	87	58	4·2	(3·9)
JUN	1023·3	1021·8	8·0	19·0	-	14·1	-	55	4·4	-
JUL	1024·8	-	6·5	-	5·7	-	88	-	3·5	-
AUG	1023·6	1021·3	6·9	20·4	6·1	13·8	88	43	2·6	3·0
SEP	1021·1	1018·3	9·1	21·4	-	15·3	-	47	4·2	4·1
OCT	1019·2	1017·4	12·4	19·5	11·2	14·7	86	58	5·7	5·5
NOV	1019·1	1017·0	15·8	23·7	14·1	17·4	82	51	4·3	4·7
DEC	1016·6	1014·3	18·3	25·9	15·8	18·5	76	46	5·2	4·2
J/Y	1019·3	-	12·5	-	-	-	-	-	4·5	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	26·7	14·3	20·5	-1·2	34·4	9	9·5	18	19·0	11	19·5	25	63·1	35·0	11
FEB	27·8	16·1	21·9	-0·2	33·1	25	11·2	22	22·4	12	19·6	11	70·6	50·0	12
MAR	26·2	13·9	20·1	-0·6	37·5	15	8·0	11	16·5	17	21·0	15	60·3	35·0	4
APR	23·5	11·2	17·3	-1·0	34·0	17	6·0	9	14·0	29	17·4	2	109·0	17·5	29
MAY	20·6	8·1	14·3	-0·8	26·5	5	3·0	29	15·0	15	13·0	21	61·6	41·0	12
JUN	20·5	6·2	13·3	0·3	28·6	13	0·1	25	14·6	8	13·0	17	9·4	3·5	7
JUL	20·3	4·9	12·6	0·5	28·6	30	0·1	11	13·0	13	10·5	14	107·5	78·5	13
AUG	21·6	5·7	13·7	0·3	32·0	12	2·0	10	10·8	6	12·0	12	45·2	15·0	1
SEP	22·7	7·6	15·1	0·5	38·1	29	1·5	10	11·0	12	14·0	7	29·1	10·5	12
OCT	21·5	10·3	15·9	-0·8	30·5	20	1·5	6	14·3	4	15·1	26	75·2	23·0	8
NOV	24·9	12·6	18·7	-0·3	30·5	28	6·5	20	17·5	7	18·5	23	10·1	7·0	29
DEC	27·2	14·7	20·9	0·4	32·0	7	8·0	6	20·6	1	20·5	21	20·5	10·5	3
J/Y	23·6	10·5	17·1	-0·2	38·1	-	0·1	-	10·8	-	21·0	-	661·6	78·5	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN ≥0·1	/OF RAIN ≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	⛈	▲	✱	≡
JAN	9	7	1	1	0	8	0	0	0	0	0	0	-	0	0	2
FEB	14	9	1	1	0	7	0	0	0	0	0	0	1	0	0	0
MAR	8	5	2	1	1	4	1	0	0	0	0	1	-	0	0	6
APR	12	10	7	0	0	4	3	0	0	0	0	0	3	0	0	0
MAY	8	7	1	1	0	0	5	0	0	0	3	0	1	0	0	0
JUN	4	3	0	0	0	0	7	0	0	0	13	0	0	0	1	8
JUL	6	6	2	1	0	0	7	0	0	0	17	0	0	0	0	6
AUG	7	7	2	0	0	3	9	0	0	0	16	0	1	0	0	1
SEP	7	5	1	0	1	2	3	0	0	0	6	0	0	0	0	6
OCT	13	9	3	0	0	2	8	0	0	0	2	0	1	0	0	3
NOV	8	2	0	0	0	3	0	0	0	0	0	0	0	0	0	4
DEC	5	4	1	0	0	5	0	0	0	0	0	1	1	0	0	0
J/Y	101	74	21	5	2	38	43	0	0	0	57	2	-	0	1	36

KLIMAATTABELLE — CLIMATOLOGICAL TABLES
STASIES VAN DIE TWEEDE ORDE — SECOND ORDER STATIONS

21/878 WELLINGTON — 33°38'S P BY/AT -GPM HT 1·2M 07
19°00'E H 107M HR 1·2M 07

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	19·8	29·3	16·2	19·5	67	35	2·4	2·1
FEB	-	-	20·1	31·3	16·9	21·0	71	35	1·8	2·5
MAR	-	-	16·8	28·6	14·6	19·4	78	37	2·9	2·5
APR	-	-	13·1	21·8	12·1	16·4	88	55	3·6	4·2
MAY	-	-	10·5	16·5	9·9	13·7	88	71	5·9	5·7
JUN	-	-	7·1	18·7	6·6	14·4	93	60	3·0	2·9
JUL	-	-	5·2	18·5	5·7	13·8	92	56	2·6	2·7
AUG	-	-	8·1	18·8	7·4	13·5	90	52	3·2	3·8
SEP	-	-	10·9	22·4	9·7	15·2	85	42	3·9	3·1
OCT	-	-	14·7	22·6	12·1	15·1	72	40	4·5	4·2
NOV	-	-	19·1	28·8	15·3	19·0	65	35	1·9	1·8
DEC	-	-	20·4	29·3	15·9	19·1	60	33	2·4	2·1
J/Y	-	-	13·9	23·9	11·9	16·7	79	46	3·2	3·1

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	30·5	14·0	22·3	-1·8	39·6	30	9·0	13	21·2	12	18·2	9	22·6	11·7	27
FEB	32·4	16·0	24·2	-0·2	41·5	4	9·7	20	24·9	19	20·7	12	14·7	13·8	12
MAR	29·5	14·2	21·9	-1·2	39·7	13	8·8	19	21·8	17	21·0	6	24·6	10·7	8
APR	23·1	11·4	17·3	-1·2	34·0	17	6·6	24	13·2	30	18·7	18	124·1	32·5	3
MAY	17·3	9·4	13·3	-2·0	26·7	18	3·7	15	13·0	14	13·2	8	302·6	42·0	7
JUN	19·4	6·1	12·7	-0·2	25·8	13	1·7	4	13·6	24	11·5	21	23·9	11·0	23
JUL	19·4	5·1	12·3	0·8	27·0	30	2·0	26	14·1	13	10·8	3	15·5	7·8	2
AUG	19·9	6·6	13·3	0·6	28·6	22	0·4	7	11·5	6	11·4	14	70·4	23·2	29
SEP	23·4	7·7	15·5	0·6	37·9	29	2·2	13	14·5	12	13·2	30	31·4	11·3	11
OCT	23·7	10·8	17·3	-0·4	34·5	25	4·0	5	15·1	4	17·5	20	52·0	26·0	30
NOV	29·6	12·9	21·3	0·8	40·1	22	7·5	1	18·6	1	20·5	22	3·3	3·3	17
DEC	30·2	14·3	22·3	0·4	38·7	31	8·5	18	20·0	4	22·5	31	10·0	7·9	3
J/Y	24·9	10·7	17·8	-0·3	41·5	-	0·4	-	11·5	-	22·5	-	599·1	42·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	≋	▲	✕	≡
JAN	5	4	1	0	2	18	0	0	0	0	0	0	1	0	0	0
FEB	5	1	1	0	8	23	0	0	0	0	0	3	0	0	0	1
MAR	5	3	1	0	4	15	0	0	0	0	0	1	0	0	0	4
APR	15	10	5	2	0	2	3	0	0	0	0	0	-	0	0	2
MAY	21	18	14	4	0	0	17	0	0	0	3	0	0	0	0	0
JUN	7	5	1	0	0	0	9	0	0	0	10	0	0	0	0	4
JUL	8	4	0	0	0	0	11	0	0	0	18	0	0	0	0	2
AUG	11	6	3	0	0	0	12	0	0	0	10	0	0	0	0	2
SEP	8	6	1	0	1	4	6	0	0	0	7	0	0	0	0	7
OCT	11	8	1	1	0	4	5	0	0	0	1	0	1	0	0	12
NOV	1	1	0	0	2	15	0	0	0	0	0	1	0	0	0	0
DEC	4	2	0	0	5	17	0	0	0	0	0	1	0	0	0	0
J/Y	101	68	28	7	22	98	63	0	0	0	49	6	-	0	0	34

24/197 MONTAGU MUN — 33°47'S P BY/AT -GPM HT 1·2M 09
20°07'E H 223M HR 1·2M 09

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	18·5	27·4	15·2	18·4	69	37	3·1	2·6
FEB	-	-	19·1	29·0	16·7	20·3	77	41	3·3	2·4
MAR	-	-	16·5	26·6	14·5	18·4	79	41	3·7	2·6
APR	-	-	13·2	22·9	11·6	16·5	81	49	3·8	4·2
MAY	-	-	10·0	(18·2)	8·9	-	86	-	3·5	(4·6)
JUN	-	-	5·1	18·9	-	-	-	-	3·1	1·7
JUL	-	-	4·4	18·4	-	-	-	-	2·1	2·6
AUG	-	-	6·0	19·7	-	-	-	-	2·7	2·7
SEP	-	-	9·4	22·1	-	-	-	-	4·5	3·8
OCT	-	-	13·9	(21·1)	11·7	-	75	-	4·7	4·4
NOV	-	-	17·6	26·9	14·9	-	74	-	4·6	1·4
DEC	-	-	19·5	28·2	15·6	19·2	64	38	3·3	2·4
J/Y	-	-	12·8	(23·3)	-	-	-	-	3·5	(2·9)

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·3	14·0	21·7	-2·0	36·5	30	9·5	21	16·2	12	19·3	28	35·6	20·0	11
FEB	30·2	15·4	22·8	-0·9	35·2	25	9·5	20	21·8	12	20·2	11	27·2	24·2	13
MAR	27·6	13·6	20·6	-1·2	38·8	15	6·7	19	16·5	17	19·0	15	6·3	6·3	4
APR	23·5	10·8	17·1	-1·0	35·1	17	4·8	9	12·2	29	18·3	18	103·0	37·5	7
MAY	18·6	8·0	13·3	-1·2	25·6	5	1·7	29	12·0	14	13·4	8	44·3	23·5	12
JUN	19·8	3·7	11·7	-0·2	26·9	13	-1·0	27	14·2	24	11·6	8	11·8	7·0	2
JUL	19·4	3·1	11·3	0·1	28·3	30	-0·9	11	11·8	13	11·0	3	75·0	71·0	13
AUG	20·7	4·3	12·5	-0·1	29·0	12	-0·8	8	10·0	6	10·5	12	80·0	18·5	1
SEP	23·6	6·4	15·0	0·5	39·0	29	1·0	13	10·0	12	15·1	30	33·4	16·0	12
OCT	23·1	9·9	16·5	-1·0	32·1	20	4·1	6	13·1	4	14·5	29	40·1	14·0	9
NOV	28·1	12·5	20·3	0·2	34·7	22	7·0	20	17·7	1	18·3	24	0·0	0·0	-
DEC	30·0	14·0	22·0	-0·1	35·6	31	8·9	6	22·5	4	19·0	21	5·8	5·8	4
J/Y	24·5	9·6	17·1	-0·5	39·0	-	-1·0	-	-	-	20·2	-	462·5	71·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	≋	▲	✕	≡
JAN	-	3	2	0	2	13	1	0	0	0	0	0	2	1	0	-
FEB	-	2	1	0	2	15	0	0	0	0	0	1	-	0	0	-
MAR	-	1	0	0	2	11	1	0	0	0	0	0	2	0	0	-
APR	-	9	3	1	1	4	3	0	0	0	1	0	2	0	0	-
MAY	-	5	1	0	0	0	8	0	0	0	7	0	0	0	0	-
JUN	-	3	0	0	0	0	9	0	0	2	21	0	0	0	0	-
JUL	-	-	1	1	0	0	11	0	0	4	24	0	0	0	0	-
AUG	-	8	4	0	0	0	8	0	0	2	18	0	0	0	0	-
SEP	-	4	1	0	1	3	4	0	0	0	9	0	0	0	0	-
OCT	-	6	1	0	0	3	5	0	0	0	1	0	0	0	0	-
NOV	-	0	0	0	0	9	0	0	0	0	0	0	0	0	0	-
DEC	-	1	0	0	1	15	0	0	0	0	0	0	0	0	0	-
J/Y	-	-	14	2	9	73	50	0	0	8	81	1	-	1	0	-

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

28/335A OUDTSHOORN CON φ33°35'S P BY/AT -GPM HT 1·2M 10
λ22°12'E H 335M HR 1·2M 10

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	19·0	28·0	15·5	18·8	67	37	3·5	3·6
FEB	-	-	19·2	29·7	16·6	21·0	75	42	2·4	3·3
MAR	-	-	16·0	28·2	14·2	19·1	81	37	3·0	3·2
APR	-	-	12·3	23·0	-	16·3	-	47	4·2	4·4
MAY	-	-	7·7	18·6	-	13·1	-	49	4·0	4·5
JUN	-	-	4·3	19·5	-	12·7	-	40	2·7	1·7
JUL	-	-	4·5	18·5	-	12·8	-	48	3·0	1·9
AUG	-	-	5·7	19·9	-	13·3	-	42	2·0	2·3
SEP	-	-	9·5	22·9	-	14·5	-	34	2·8	3·1
OCT	-	-	13·9	22·5	11·7	15·4	75	43	4·6	4·3
NOV	-	-	18·1	26·9	14·4	18·4	65	39	3·4	3·0
DEC	-	-	19·9	29·7	16·1	19·9	66	35	3·4	3·3
J/Y	-	-	12·5	23·9	-	16·3	-	41	3·3	3·2

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·5	14·1	21·8	-1·9	36·4	31	9·6	12	17·6	12	22·1	31	30·5	18·0	11
FEB	30·7	14·6	22·7	-1·2	35·9	10	10·7	22	22·8	12	20·0	28	36·9	34·5	12
MAR	29·6	13·0	21·3	-0·7	38·7	14	7·8	18	16·5	18	19·2	16	15·1	8·6	4
APR	24·4	10·7	17·5	-1·2	32·5	18	4·5	9	12·7	29	19·1	18	53·5	19·6	29
MAY	19·5	6·7	13·1	-1·5	24·5	5	2·0	17	10·9	15	12·5	12	(22·9)	-	-
JUN	20·4	3·2	11·8	0·2	26·8	14	-0·8	25	14·7	8	8·7	14	2·4	1·6	23
JUL	19·6	3·9	11·7	0·6	25·9	2	0·9	26	15·2	24	10·3	3	26·9	17·5	13
AUG	20·8	4·3	12·5	-0·6	29·7	12	-0·6	8	11·4	6	10·5	13	30·8	13·4	6
SEP	23·9	6·4	15·1	-0·2	37·6	29	1·0	10	10·7	12	16·2	30	7·9	5·4	12
OCT	23·4	10·1	16·7	-1·2	34·5	28	2·1	6	13·1	4	16·6	27	54·0	20·0	30
NOV	27·8	12·4	20·1	-0·2	35·0	22	5·7	2	17·2	1	18·8	24	21·0	20·7	17
DEC	29·5	14·2	21·9	-0·1	35·3	20	9·3	6	20·5	1	18·4	27	17·5	12·8	3
J/Y	24·9	9·5	17·2	-0·7	38·7	-	-0·8	-	10·7	-	22·1	-	(319·4)	-	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☇	▲	✱	≡
JAN	5	3	1	0	2	14	0	0	0	0	0	2	3	0	0	0
FEB	4	2	1	1	4	16	0	0	0	0	0	0	2	0	0	0
MAR	7	3	0	0	4	16	1	0	0	0	0	0	-	0	0	0
APR	12	9	1	0	0	6	3	0	0	0	1	0	0	0	0	0
MAY	7	-	-	-	0	0	6	0	0	0	9	0	1	0	0	0
JUN	3	1	0	0	0	0	7	0	0	2	21	0	0	0	0	0
JUL	6	4	1	0	0	0	11	0	0	0	23	0	0	0	0	-
AUG	5	4	1	0	0	0	10	0	0	1	18	0	1	0	0	0
SEP	2	2	0	0	1	3	3	0	0	0	11	0	0	0	0	0
OCT	9	8	3	0	0	4	7	0	0	0	3	0	-	1	0	0
NOV	2	1	1	0	0	10	1	0	0	0	0	0	1	1	0	0
DEC	5	2	1	0	2	16	0	0	0	0	0	0	-	0	0	0
J/Y	67	-	-	-	13	85	49	0	0	3	86	2	-	2	0	-

35/334 ADDO AGRIC φ33°34'S P BY/AT -GPM HT 1·2M 10
λ25°42'E H 85M HR 1·2M 10

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	20·4	26·0	16·8	18·8	68	46	3·3	3·7
FEB	-	-	20·3	27·6	17·6	20·0	76	46	3·4	3·5
MAR	-	-	18·2	24·9	16·7	19·6	85	59	4·1	3·9
APR	-	-	14·9	23·6	13·8	17·9	88	54	4·5	4·2
MAY	-	-	11·4	21·1	9·8	14·6	80	45	2·5	3·8
JUN	-	-	9·1	23·0	7·2	14·0	75	30	1·6	1·3
JUL	-	-	9·5	21·3	-	14·3	-	42	2·7	2·1
AUG	-	-	10·3	21·5	8·8	14·1	81	39	-	-
SEP	-	-	12·7	23·2	10·9	15·6	79	40	2·8	2·7
OCT	-	-	16·5	22·9	13·3	16·0	68	45	4·7	3·8
NOV	-	-	19·7	25·2	15·8	17·5	64	42	3·4	3·2
DEC	-	-	21·1	25·9	16·9	18·6	63	47	4·1	3·5
J/Y	-	-	15·3	23·9	-	16·8	-	45	-	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	28·2	14·8	21·5	-	38·0	27	10·0	15	17·8	13	20·4	24	75·5	22·5	24
FEB	29·1	15·7	22·4	-	33·7	10	8·5	21	25·0	17	21·0	28	22·2	19·0	12
MAR	26·9	15·0	20·9	-	36·0	16	9·0	20	18·6	17	21·0	15	100·0	44·0	4
APR	24·6	12·2	18·4	-	34·0	18	4·3	9	14·5	29	21·4	18	78·3	24·0	11
MAY	21·7	7·8	14·7	-	28·0	20	3·5	24	13·7	15	14·0	1	29·6	14·0	24
JUN	23·5	5·5	14·5	-	29·1	23	0·0	25	15·5	3	10·0	15	1·5	1·5	8
JUL	21·9	6·3	14·1	-	28·0	6	1·5	16	14·5	17	11·3	18	57·7	43·0	17
AUG	23·0	6·6	14·8	-	30·4	23	2·0	20	14·5	31	12·0	14	68·8	52·5	2
SEP	24·4	8·0	16·2	-	37·5	29	2·2	3	12·7	12	16·0	30	6·8	5·0	12
OCT	24·6	11·2	17·9	-	41·5	26	3·5	7	17·3	31	15·9	29	25·3	8·5	30
NOV	27·1	12·9	20·0	-	35·0	26	7·5	20	19·7	2	19·9	24	8·3	5·0	13
DEC	27·4	14·6	21·0	-	34·8	20	8·6	6	21·5	1	19·1	22	42·6	24·5	3
J/Y	25·2	10·9	18·1	-	41·5	-	0·0	-	12·7	-	21·4	-	516·6	52·5	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☇	▲	✱	≡
JAN	8	8	3	0	3	11	0	0	0	0	0	1	7	0	0	0
FEB	5	2	1	0	0	10	0	0	0	0	0	2	-	0	0	1
MAR	8	7	3	2	1	7	0	0	0	0	0	2	4	0	0	1
APR	10	9	2	0	0	4	3	0	0	0	1	1	5	0	0	2
MAY	7	6	1	0	0	0	3	0	0	0	4	0	1	0	0	0
JUN	1	1	0	0	0	0	2	0	0	0	13	0	0	0	0	0
JUL	5	3	1	1	0	0	4	0	0	0	9	0	0	0	0	5
AUG	5	4	2	1	0	2	3	0	0	0	10	0	-	-	0	0
SEP	3	2	0	0	1	6	3	0	0	0	6	0	1	0	0	0
OCT	7	6	0	0	2	4	1	0	0	0	2	0	-	0	0	0
NOV	5	2	0	0	0	4	0	0	0	0	0	0	2	0	0	0
DEC	6	4	1	0	0	7	0	0	0	0	0	0	6	0	0	1
J/Y	70	54	14	4	7	55	19	0	0	0	45	6	-	-	0	10

KLIMAATTABELLE — CLIMATOLOGICAL TABLES
STASIES VAN DIE TWEEDE ORDE — SECOND ORDER STATIONS

36/530 BIRD ISLAND VRT — φ33°50'S P BY/AT -6PM HT 1·2M 12 — λ26°18'E H 4M HR 1·2M 12

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	20·6	22·6	18·5	19·8	81	76	3·7	3·8
FEB	-	-	20·8	23·6	18·9	20·5	83	74	4·3	3·6
MAR	-	-	19·0	21·4	17·8	19·2	88	80	4·5	3·4
APR	-	-	17·7	20·2	16·3	17·7	86	77	4·5	4·0
MAY	-	-	16·4	19·6	13·7	15·8	72	65	2·4	4·2
JUN	-	-	16·5	20·2	13·8	16·4	72	66	2·4	1·8
JUL	-	-	15·8	18·9	14·0	15·9	81	72	3·0	2·4
AUG	-	-	15·5	18·7	13·3	15·4	77	69	2·7	2·2
SEP	-	-	15·9	18·6	14·3	16·1	83	76	3·1	3·2
OCT	-	-	16·7	18·6	15·3	16·4	85	79	5·6	4·3
NOV	-	-	18·6	20·7	16·8	18·0	82	75	3·2	3·5
DEC	-	-	19·8	22·1	17·7	19·1	80	74	4·6	3·4
J/Y	-	-	17·8	20·4	15·9	17·5	81	74	3·7	3·3

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	23·7	18·0	20·9	0·1	27·4	27	14·1	12	19·0	12	21·3	28	102·8	71·0	26
FEB	24·3	18·9	21·6	0·7	26·2	26	16·6	21	22·5	6	21·2	28	22·4	6·6	28
MAR	22·5	17·4	19·9	-0·1	26·4	15	13·0	18	18·3	17	21·3	4	89·6	38·5	4
APR	21·3	16·1	18·7	-0·4	25·5	18	10·0	30	15·7	29	19·2	2	55·4	13·0	11
MAY	20·2	14·4	17·3	-0·8	26·5	20	11·8	15	16·4	15	16·6	21	79·2	41·5	24
JUN	20·8	15·1	17·9	1·2	27·4	23	11·7	4	15·5	3	18·8	14	43·0	13·0	8
JUL	19·7	14·2	16·9	0·7	25·1	10	12·5	26	16·2	8	16·6	7	83·1	59·0	16
AUG	19·7	13·6	16·7	0·1	26·8	12	9·6	7	15·0	7	18·2	12	45·6	16·0	2
SEP	19·5	13·7	16·6	-0·3	26·4	11	5·2	9	14·7	12	17·7	30	26·8	12·0	12
OCT	19·7	14·7	17·2	-0·5	23·4	21	8·4	5	14·5	5	17·9	15	52·1	23·5	5
NOV	21·6	16·1	18·9	0·3	24·5	26	11·8	2	17·5	1	18·0	27	11·3	3·3	1
DEC	23·1	17·2	20·1	0·2	25·6	5	12·5	5	19·2	3	19·4	22	27·2	20·6	3
J/Y	21·3	15·8	18·5	0·0	27·4	-	5·2	-	14·5	-	21·3	-	658·5	71·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☁	▲	≋	≡
JAN	8	7	2	1	0	0	0	0	0	0	0	5	3	0	0	2
FEB	5	4	0	0	0	0	0	0	0	0	0	5	1	0	0	1
MAR	6	5	4	1	0	0	0	0	0	0	0	3	3	0	0	6
APR	10	9	1	0	0	0	2	0	0	0	0	0	1	0	0	0
MAY	9	6	3	1	0	0	1	0	0	0	0	0	1	0	0	1
JUN	4	4	3	0	0	0	3	0	0	0	0	0	0	1	0	0
JUL	7	4	1	1	0	0	2	0	0	0	0	0	1	0	0	1
AUG	7	5	2	0	0	0	8	0	0	0	0	0	0	0	0	1
SEP	8	6	1	0	0	0	5	0	0	0	0	0	0	0	0	0
OCT	9	7	2	0	0	0	4	0	0	0	0	0	0	0	0	3
NOV	7	4	0	0	0	0	0	0	0	0	0	0	-	0	0	3
DEC	8	3	1	0	0	0	0	0	0	0	0	0	1	0	0	4
J/Y	88	64	20	4	0	0	25	0	0	0	0	13	-	1	0	22

37/541 BATHURST AGRIC — φ33°31'S P BY/AT -6PM HT 1·2M 13 — λ26°49'E H 259M HR 1·2M 13

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	-	-	-	-	-	-	-	-
FEB	-	-	21·3	(23·4)	19·3	-	82	-	4·6	4·5
MAR	-	-	20·1	23·0	18·3	-	83	-	4·2	4·7
APR	-	-	17·5	19·4	-	-	-	-	4·7	4·5
MAY	-	-	15·3	18·4	12·9	-	75	-	2·5	3·9
JUN	-	-	15·4	19·2	13·1	-	76	-	1·7	0·9
JUL	-	-	14·4	18·6	12·5	-	79	-	2·4	3·0
AUG	-	-	14·9	19·5	13·0	-	79	-	2·8	2·0
SEP	-	-	16·2	20·4	-	-	-	-	3·3	3·2
OCT	-	-	17·1	18·9	-	-	-	-	4·6	4·9
NOV	-	-	20·1	(21·1)	-	-	-	-	4·1	(5·0)
DEC	-	-	21·3	22·1	17·8	-	69	-	3·4	4·3
J/Y	-	-	-	-	-	-	-	-	-	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	-	-	-	-	-	-	-	-	-	-	-	-	72·3	27·5	25
FEB	26·1	16·8	21·5	-	31·2	23	12·7	21	22·3	27	20·0	28	49·6	27·3	27
MAR	25·2	16·2	20·7	-	36·1	16	10·8	18	18·0	17	21·3	16	88·0	27·3	17
APR	22·8	13·7	18·3	-	33·4	18	9·0	30	14·3	29	21·0	18	90·3	25·3	21
MAY	21·1	11·6	16·3	-	27·7	20	9·3	15	13·9	15	15·2	20	73·7	42·0	15
JUN	22·0	11·0	16·5	-	27·7	20	4·8	25	-	-	17·4	30	13·5	12·0	8
JUL	21·2	11·0	16·1	-	27·7	6	8·3	5	14·6	4	15·5	3	69·0	29·3	17
AUG	21·3	11·0	16·1	-	29·2	12	5·6	8	14·3	31	17·7	12	43·5	19·0	2
SEP	22·2	11·2	16·7	-	33·5	29	6·5	14	12·7	12	15·2	18	47·0	37·3	12
OCT	21·6	12·2	16·9	-	35·2	26	6·6	5	15·3	5	17·2	15	33·9	11·5	8
NOV	24·2	14·0	19·1	-	32·2	23	8·7	1	18·2	2	18·3	24	30·2	6·2	10
DEC	25·5	15·4	20·5	-	30·7	21	12·2	6	20·0	10	20·5	8	42·4	18·5	1
J/Y	-	-	-	-	-	-	4·8	-	-	-	-	-	653·4	42·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☁	▲	≋	≡
JAN	-	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-
FEB	-	5	2	1	0	1	0	0	0	0	0	0	1	0	0	3
MAR	-	8	3	2	1	5	0	0	0	0	0	2	-	0	-	0
APR	-	9	3	1	0	3	4	0	0	0	0	1	3	0	0	0
MAY	-	4	3	1	0	0	3	0	0	0	0	0	2	0	0	0
JUN	-	2	1	0	0	0	4	0	0	0	1	0	-	0	0	0
JUL	-	4	3	1	0	0	5	0	0	0	0	0	-	0	0	0
AUG	-	5	2	0	0	0	7	0	0	0	0	0	1	0	0	0
SEP	-	2	1	1	0	3	4	0	0	0	0	0	1	0	0	0
OCT	-	5	1	0	1	1	6	0	0	0	0	0	2	0	0	0
NOV	-	7	0	0	0	2	0	0	0	0	0	0	-	0	0	0
DEC	-	6	1	0	0	1	0	0	0	0	0	1	4	0	0	0
J/Y	-	65	22	8	-	-	-	-	-	-	-	-	-	-	-	-

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

38/152 GREAT FISH POINT VRT

Ø33°32'S P BY/AT -GPM HT 1·2M 11
X27°06'E H 73M HR 1·2M 11

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	20·1	22·6	17·9	19·6	80	74	4·3	4·0
FEB	-	-	20·8	23·2	18·7	20·3	81	75	4·6	3·4
MAR	-	-	19·4	21·8	18·1	19·4	88	79	3·9	3·6
APR	-	-	16·7	20·4	15·5	18·1	87	79	4·5	3·6
MAY	-	-	14·8	20·4	12·5	16·1	75	62	2·8	4·0
JUN	-	-	13·8	21·7	10·8	15·7	67	50	2·1	1·7
JUL	-	-	13·3	19·5	11·8	15·9	83	67	3·1	2·8
AUG	-	-	14·1	19·3	11·6	15·4	72	64	2·5	2·1
SEP	-	-	15·4	19·1	13·2	16·0	77	71	3·0	2·8
OCT	-	-	16·7	18·7	14·8	16·4	80	78	4·8	4·4
NOV	-	-	19·5	21·1	17·0	18·2	80	74	3·1	3·5
DEC	-	-	20·8	22·5	18·1	-	76	-	3·4	4·1
J/Y	-	-	17·1	20·9	15·0	-	79	-	3·5	3·3

% DONDER
▲ HAEL
✱ SNEEU
≡ MIS
D DATUM
% PERSENTASIE

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	23·6	16·8	20·2	-0·5	29·7	27	11·8	13	19·2	13	21·5	27	65·2	26·0	13
FEB	24·0	17·6	20·8	-0·1	26·0	25	14·0	21	22·3	14	20·7	28	22·5	14·0	12
MAR	23·4	16·7	20·1	0·0	35·4	16	11·8	18	18·8	18	20·4	4	73·8	28·0	17
APR	21·6	14·7	18·1	-0·6	30·3	2	9·0	30	15·3	23	19·0	2	96·3	37·5	21
MAY	21·5	12·4	16·9	-0·6	26·6	20	10·0	29	15·6	15	15·4	21	67·5	32·6	15
JUN	22·4	11·7	17·1	1·4	29·4	14	6·7	25	14·6	9	16·4	20	22·0	20·4	8
JUL	20·8	11·8	16·3	1·4	29·4	27	7·8	5	15·8	4	17·4	3	89·4	41·5	18
AUG	21·0	11·7	16·3	0·6	31·0	12	6·5	8	14·8	7	17·6	12	35·6	18·0	2
SEP	20·5	12·3	16·4	0·1	29·0	11	7·5	14	15·4	9	16·8	18	59·5	45·0	12
OCT	19·9	13·5	16·7	-0·5	23·3	28	8·0	5	15·6	31	18·0	15	99·7	28·0	10
NOV	22·6	14·9	18·7	0·2	27·0	17	9·0	1	17·4	2	18·0	14	22·2	8·5	7
DEC	24·2	16·3	20·3	0·4	27·4	4	13·3	6	20·7	1	19·3	21	23·7	10·0	21
J/Y	22·1	14·2	18·1	0·1	35·4	-	6·5	-	14·6	-	21·5	-	677·4	45·0	-

TXX HOOGSTE WAKS TEMP
TNN LAAGSTE WIN TEMP
TXN LAAGSTE WAKS TEMP
TNX HOOGSTE WIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF %	▲	✱	≡
JAN	-	7	2	1	0	0	0	0	0	0	0	2	4	0	0	1
FEB	-	3	1	0	0	0	0	0	0	0	0	2	0	0	0	2
MAR	-	8	2	1	1	1	0	0	0	0	0	1	3	0	0	3
APR	-	8	3	1	0	1	4	0	0	0	0	0	2	0	0	2
MAY	-	6	2	1	0	0	2	0	0	0	0	0	2	0	0	0
JUN	-	2	1	0	0	0	3	0	0	0	0	0	0	0	0	0
JUL	-	5	3	2	0	0	4	0	0	0	0	0	1	0	0	0
AUG	-	4	1	0	0	1	5	0	0	0	0	0	1	0	0	0
SEP	-	3	1	1	0	0	4	0	0	0	0	0	0	0	0	1
OCT	-	5	5	2	0	0	5	0	0	0	0	0	1	0	0	2
NOV	-	6	0	0	0	0	1	0	0	0	0	0	2	0	0	4
DEC	-	4	1	0	0	0	0	0	0	0	0	0	2	0	0	3
J/Y	-	61	22	9	1	3	28	0	0	0	0	5	18	0	0	18

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROEBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

43/516 SPES BONA

Ø33°06'S P BY/AT -GPM HT 1·2M 02
X19°48'E H 604M HR 1·2M 02

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	21·0	29·6	-	-	-	-	0·6	0·7
FEB	-	-	21·5	30·5	-	-	-	-	0·7	1·2
MAR	-	-	18·0	27·3	-	-	-	-	1·3	1·4
APR	-	-	13·6	22·6	-	-	-	-	2·0	1·8
MAY	-	-	8·4	14·7	-	-	-	-	4·8	3·5
JUN	-	-	6·0	17·7	-	-	-	-	1·0	0·8
JUL	-	-	5·7	(17·3)	-	-	-	-	1·5	(0·7)
AUG	-	-	9·5	(20·1)	-	-	-	-	1·6	(0·4)
SEP	-	-	12·0	22·6	-	-	-	-	1·3	0·8
OCT	-	-	14·0	22·1	-	-	-	-	1·2	1·2
NOV	-	-	19·9	28·5	-	-	-	-	0·3	0·3
DEC	-	-	20·8	29·4	-	-	-	-	0·5	0·5
J/Y	-	-	14·2	(23·5)	-	-	-	-	1·4	(1·1)

% THUNDER
▲ HAIL
✱ SNOW
≡ FOG
D DATE
% PERCENTAGE

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	31·0	14·9	22·9	-1·5	37·5	23	7·8	13	18·4	12	21·2	24	0·1	0·1	12
FEB	32·2	16·8	24·5	0·1	39·0	4	10·2	20	23·4	12	23·0	5	13·0	13·0	12
MAR	28·8	13·2	21·0	-1·1	37·2	13	8·4	18	17·2	17	-	-	1·5	1·0	14
APR	23·8	10·2	17·0	-0·7	34·6	17	5·2	9	12·2	29	18·2	17	28·6	8·2	19
MAY	15·9	6·7	11·3	-2·4	23·0	5	1·6	16	11·2	14	11·0	8	65·5	26·0	12
JUN	18·4	3·8	11·1	0·4	24·0	20	-1·0	25	12·5	24	8·0	15	2·0	1·8	22
JUL	17·9	3·1	10·5	0·6	24·0	30	-0·5	23	12·0	13	7·2	13	3·0	2·5	13
AUG	19·9	4·4	12·1	0·5	27·0	12	-2·2	7	9·8	6	8·8	13	9·2	9·2	15
SEP	23·9	6·4	15·1	1·0	36·0	29	0·0	13	11·8	12	10·8	30	1·5	1·5	11
OCT	23·3	9·0	16·1	-1·4	33·0	25	0·5	5	13·8	4	13·5	26	12·3	6·0	30
NOV	29·6	13·9	21·7	1·4	37·5	23	5·8	2	16·5	1	20·0	23	0·0	0·0	-
DEC	30·7	15·2	22·9	0·6	35·5	20	10·0	5	22·5	4	20·0	16	0·0	0·0	-
J/Y	24·6	9·8	17·2	-0·2	39·0	-	-2·2	-	9·8	-	23·0	-	136·7	26·0	-

TXX HIGHEST WAX TEMP
TNN LOWEST WIN TEMP
TXN LOWEST WAX TEMP
TNX HIGHEST WIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF %	▲	✱	≡
JAN	1	0	0	0	4	21	0	0	0	0	0	-	0	0	0	0
FEB	1	1	1	0	8	20	0	0	0	0	0	-	0	0	0	0
MAR	3	1	0	0	3	14	1	0	0	0	0	-	0	0	0	0
APR	5	5	0	0	0	4	4	0	0	0	0	0	3	0	0	0
MAY	10	7	3	1	0	0	-	0	0	0	-	0	0	0	0	0
JUN	2	1	0	0	0	0	10	0	0	1	20	0	0	0	0	0
JUL	3	1	0	0	0	0	16	0	0	1	26	0	0	0	0	0
AUG	1	1	0	0	0	0	14	1	0	2	-	0	0	0	0	0
SEP	1	1	0	0	1	4	4	0	0	0	11	0	0	0	0	0
OCT	3	3	0	0	0	2	7	0	0	0	-	0	1	0	0	0
NOV	0	0	0	0	2	14	1	0	0	0	0	0	0	0	0	0
DEC	0	0	0	0	1	20	0	0	0	0	0	0	0	0	0	0
J/Y	30	21	4	1	19	99	-	1	0	4	-	-	4	0	0	0

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

54/805 HILLSIDE FARM Ø33°25' S P BY/AT -GPM HT 1·2M 15
λ25°27' E H 101M HR 1·2M 15

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN										
FEB										
MAR										
APR	-	-	14·8	24·1	13·7	17·9	88	51	4·7	4·5
MAY	-	-	10·9	21·4	9·4	14·7	81	44	3·0	4·0
JUN	-	-	7·0	23·5	5·8	14·5	83	31	1·8	1·6
JUL	-	-	8·5	20·8	-	-	-	-	3·5	2·8
AUG	-	-	10·2	22·6	8·3	14·7	76	37	2·4	2·4
SEP	-	-	12·8	23·9	10·7	15·9	76	39	3·0	3·3
OCT	-	-	16·7	24·4	14·0	17·0	72	43	4·7	4·2
NOV	-	-	19·1	(27·2)	16·0	(18·3)	71	(37)	3·9	4·1
DEC	-	-	20·7	26·6	16·9	18·9	66	44	4·2	4·2
J/Y	-	-	-	-	-	-	-	-	-	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN															
FEB															
MAR															
APR	25·1	12·1	18·6	-	35·2	17	3·5	9	14·5	29	20·4	18	78·8	27·0	11
MAY	22·0	7·7	14·9	-	28·5	20	2·5	24	14·5	15	14·1	1	11·1	2·8	12
JUN	23·7	4·5	14·1	-	29·1	23	-1·0	25	17·4	3	10·5	9	0·0	0·0	-
JUL	21·9	6·1	14·0	-	28·4	30	1·6	14	13·8	17	11·7	3	35·2	23·9	17
AUG	23·6	6·4	15·0	-	32·3	14	1·9	20	14·1	2	14·8	14	27·7	12·5	2
SEP	25·3	7·3	16·3	-	38·6	29	1·6	14	13·5	12	14·1	7	5·5	2·7	6
OCT	25·4	11·4	18·4	-	39·7	26	3·3	7	16·3	8	16·8	25	27·9	16·8	30
NOV	27·8	12·9	20·3	-	35·9	26	5·2	3	19·9	2	19·6	13	11·6	7·7	13
DEC	28·1	14·7	21·4	-	34·0	7	8·3	6	20·2	1	20·2	12	17·1	13·7	3
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☈	▲	✱	≡
JAN																
FEB																
MAR																
APR	11	9	3	1	1	4	4	0	0	0	1	1	4	0	0	1
MAY	6	5	0	0	0	0	2	0	0	0	4	0	1	0	0	0
JUN	0	0	0	0	0	0	1	0	0	1	19	0	0	0	0	2
JUL	6	3	1	0	0	0	4	0	0	0	11	0	0	0	0	3
AUG	6	4	2	0	0	5	4	0	0	0	12	0	0	0	0	1
SEP	4	2	0	0	1	6	3	0	0	0	8	0	0	0	0	0
OCT	5	3	1	0	2	5	2	0	0	0	3	0	2	0	0	0
NOV	7	2	0	0	2	8	0	0	0	0	0	0	2	0	0	0
DEC	5	2	1	0	0	12	0	0	0	0	0	1	3	0	0	0
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

P GEMIDDELDE LUGDRUK MEAN PRESSURE
T GEMIDDELDE DROEBOL TEMP MEAN DRY BULB TEMP
T' GEMIDDELDE NATBOL TEMP MEAN WET BULB TEMP
U GEMIDDELDE RELATIEWE VOG MEAN RELATIVE HUMIDITY
N GEM WOLKSHOEVEELHEID MEAN CLOUD AMOUNT
TX GEMIDDELDE MAKSIMUM TEMP MEAN MAXIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL DEVIATION FROM NORMAL
H HOOGTE VAN STASIE HEIGHT OF STATION

TXX HOOGSTE MAKS TEMP TXX HIGHEST MAX TEMP
TNN LAAGSTE MIN TEMP TNN LOWEST MIN TEMP
TXN LAAGSTE MAKS TEMP TXN LOWEST MAX TEMP
TNX HOOGSTE MIN TEMP TNX HIGHEST MIN TEMP
R TOTALE REENVAL R TOTAL RAINFALL
RX MAKSIMUM REENVAL RX MAXIMUM RAINFALL
GPM GEOPOTENTIALE METERS GPM GEOPOTENTIAL METRES
HT HOOGTE VAN DROEBOL TERM HT HEIGHT OF DRY BULB THERM
HR HOOGTE VAN REENMETER HR HEIGHT OF RAINGAUGE
HA HOOGTE VAN ANEMOGRAAF HA HEIGHT OF ANEMOGRAPH

☈ DONDER ☈ THUNDER
▲ HAEL ▲ HAIL
✱ SNEEU ✱ SNOW
≡ MIS ≡ FOG
D DATUM D DATE
% PERSENTASIE % PERCENTAGE

62/379 HELDERVUE Ø32°49' S P BY/AT -GPM HT 1·2M 17
λ18°43' E H 820M HR 1·2M 17

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	17·3	23·3	13·2	15·5	62	41	2·4	1·7
FEB	-	-	18·7	24·5	14·7	17·2	62	44	1·6	1·7
MAR	-	-	16·3	22·0	13·3	16·5	71	55	2·8	2·3
APR	-	-	12·3	17·0	10·5	13·8	80	69	3·3	3·7
MAY	-	-	8·2	11·4	7·4	9·6	89	79	5·2	5·6
JUN	-	-	10·1	15·5	7·0	10·7	63	53	2·3	2·1
JUL	-	-	8·5	13·9	6·3	10·2	72	61	2·2	2·2
AUG	-	-	8·9	13·6	6·4	9·7	68	59	2·8	3·3
SEP	-	-	12·2	17·1	8·2	11·8	56	51	3·0	2·7
OCT	-	-	11·9	16·8	9·3	-	71	-	4·4	3·4
NOV	-	-	15·8	21·9	12·2	15·5	65	49	2·1	1·3
DEC	-	-	16·5	22·8	13·2	16·3	68	49	2·4	1·9
J/Y	-	-	13·1	18·3	10·1	-	69	-	2·9	2·7

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	24·6	11·8	18·2	-	33·1	30	6·6	12	16·3	12	18·4	30	12·8	5·7	27
FEB	26·3	13·8	20·1	-	34·5	4	8·4	19	18·3	19	21·2	4	16·8	15·3	12
MAR	23·5	11·8	17·7	-	33·7	13	6·9	18	15·1	17	22·1	13	21·6	14·7	8
APR	18·7	9·0	13·9	-	31·2	17	3·3	29	9·0	29	19·8	18	85·5	18·9	7
MAY	12·7	5·6	9·1	-	21·4	18	2·0	15	7·8	14	10·6	5	346·7	59·0	29
JUN	16·4	6·6	11·5	-	22·2	13	0·5	4	8·6	24	13·4	13	40·8	21·8	23
JUL	14·7	5·7	10·2	-	23·0	30	-0·2	23	8·0	12	14·1	2	66·1	48·5	12
AUG	14·6	6·3	10·5	-	23·8	23	0·9	7	7·0	6	16·4	11	101·9	38·1	14
SEP	-	8·4	-	-	-	-	2·0	13	-	-	18·6	29	52·8	22·5	20
OCT	17·8	8·0	12·9	-	28·3	14	2·2	4	9·0	4	17·5	25	57·9	26·4	30
NOV	23·2	11·3	17·3	-	32·6	22	4·5	1	12·3	1	19·8	22	11·5	9·1	17
DEC	24·2	11·7	17·9	-	32·4	31	7·2	18	14·6	4	20·5	31	35·6	24·7	3
J/Y	-	9·2	-	-	-	-	-0·2	-	-	-	22·1	-	850·0	59·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☈	▲	✱	≡
JAN	5	4	0	0	0	2	1	0	0	0	0	0	0	0	0	6
FEB	4	2	1	0	0	5	0	0	0	0	0	1	0	0	0	2
MAR	6	4	1	0	0	3	3	0	0	0	0	3	0	1	0	6
APR	11	11	3	0	0	1	13	2	0	0	2	0	0	0	0	8
MAY	21	19	11	4	0	0	29	7	0	0	11	0	0	0	0	20
JUN	7	4	1	0	0	0	12	4	0	0	7	0	1	0	0	10
JUL	8	5	1	1	0	0	21	3	0	1	16	0	0	0	0	7
AUG	11	6	4	2	0	0	22	8	0	0	13	0	0	2	0	12
SEP	6	4	2	0	-	-	-	-	0	0	5	0	0	0	0	4
OCT	11	7	1	1	0	0	13	1	0	0	5	0	1	0	0	8
NOV	2	2	0	0	0	1	2	0	0	0	1	0	0	0	0	6
DEC	4	3	1	0	0	2	3	0	0	0	0	1	0	0	0	8
J/Y	96	71	26	8	-	-	-	-	0	1	60	5	2	3	0	97

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

76/133A SOMERSET EAST GILL COLL Ø32°43'S P BY/AT 8006PM HT 1·2M
X25°35'E H 754M HR 1·2M

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	923·9	922·2	18·2	25·9	-	-	-	-	4·6	4·1
FEB	924·8	923·2	18·6	27·1	15·9	18·7	75	42	4·0	2·7
MAR	926·1	924·6	16·3	26·4	14·3	17·3	80	43	3·4	3·5
APR	925·0	923·4	14·0	22·8	11·6	15·0	78	47	4·0	3·7
MAY	923·9	923·1	10·6	17·3	7·8	11·4	67	46	3·5	4·3
JUN	930·5	929·5	9·4	20·5	5·5	11·5	53	28	1·5	1·2
JUL	930·9	929·9	9·6	18·1	6·9	11·4	67	41	2·9	2·3
AUG	930·6	929·1	10·0	19·7	6·7	11·0	60	28	1·9	2·0
SEP	928·7	926·9	12·5	22·6	8·7	12·8	58	27	2·3	2·6
OCT	926·3	924·2	13·8	21·9	11·1	13·5	72	35	4·1	4·0
NOV	926·6	924·1	16·2	25·5	-	16·1	-	34	3·6	3·1
DEC	-	-	-	-	-	-	-	-	-	-
J/Y	-	-	-	-	-	-	-	-	-	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	27·2	13·6	20·4	-1·5	35·6	19	7·5	15	16·0	13	22·6	24	98·2	28·5	28
FEB	28·4	14·9	21·7	-0·3	35·7	23	9·5	21	19·4	15	19·3	28	27·6	16·6	12
MAR	27·2	13·4	20·3	-0·4	35·3	23	7·0	19	16·5	17	18·2	16	63·9	28·5	17
APR	25·6	11·2	17·4	-0·8	33·7	17	3·8	9	10·7	22	19·7	18	74·7	16·5	20
MAY	18·1	8·5	13·3	-2·1	24·6	6	4·6	29	8·9	15	14·5	20	45·1	13·6	16
JUN	21·1	6·7	13·9	1·0	25·8	20	1·0	25	-	-	18·5	21	0·0	0·0	-
JUL	19·3	7·0	13·1	0·8	25·0	27	2·4	16	9·7	17	-	-	38·2	29·0	17
AUG	20·2	7·3	13·7	-0·3	29·8	29	-1·0	8	9·5	7	21·4	14	28·1	11·5	30
SEP	-	8·1	-	-	32·4	18	1·3	2	12·4	12	23·0	30	20·8	19·0	12
OCT	-	10·2	-	-	38·6	26	3·2	7	-	-	15·4	21	16·9	8·1	31
NOV	26·5	11·6	19·1	0·0	35·5	23	4·3	3	16·8	8	17·1	14	27·8	9·8	13
DEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J/Y	-	-	-	-	-	-	-1·0	-	-	-	-	-	-	-	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF >35	>30	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	⚡	▲	✱	≡
JAN	9	8	4	1	1	11	2	0	0	0	0	2	-	0	0	4
FEB	4	3	1	0	1	11	0	0	0	0	0	0	-	0	0	0
MAR	9	7	2	1	1	12	3	0	0	0	0	0	-	1	0	2
APR	11	10	3	0	0	5	6	0	0	0	1	0	-	0	0	0
MAY	7	7	2	0	0	0	12	2	0	0	1	0	-	0	0	0
JUN	0	0	0	0	0	0	-	-	0	0	-	0	-	0	0	0
JUL	5	3	1	1	0	0	-	-	0	0	-	0	-	0	0	-
AUG	6	5	1	0	0	0	13	2	0	1	12	0	-	0	1	0
SEP	4	2	1	0	-	-	-	0	0	0	8	1	-	0	0	0
OCT	8	3	0	0	-	-	-	-	0	0	2	0	-	0	0	0
NOV	7	5	0	0	1	-	3	0	0	0	1	0	-	0	0	0
DEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

79/811 DOHNE AGRIC Ø32°31'S P BY/AT -GPM HT 1·2M 19
X27°28'E H 899M HR 1·2M 19

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	16·7	22·3	-	-	-	-	4·5	4·7
FEB	-	-	18·2	24·1	-	-	-	-	4·3	4·1
MAR	-	-	17·8	22·7	-	-	-	-	3·6	4·1
APR	-	-	15·5	21·8	-	-	-	-	3·5	3·6
MAY	-	-	11·3	17·4	-	-	-	-	3·1	3·6
JUN	-	-	11·0	19·8	-	-	-	-	1·8	1·3
JUL	-	-	10·7	17·7	-	-	-	-	2·3	2·6
AUG	-	-	11·5	18·9	-	-	-	-	1·7	2·2
SEP	-	-	13·9	20·3	-	-	-	-	3·0	2·9
OCT	-	-	14·0	18·4	-	-	-	-	4·4	5·4
NOV	-	-	16·9	20·7	-	-	-	-	4·1	5·2
DEC	-	-	18·1	22·1	-	-	-	-	3·5	4·7
J/Y	-	-	14·6	20·5	-	-	-	-	3·3	3·7

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	23·6	13·1	18·3	-1·2	33·2	24	7·0	14	14·7	13	19·8	28	91·9	13·5	26
FEB	25·5	14·3	19·9	-0·2	32·8	23	7·0	21	18·4	15	18·2	24	46·4	17·5	12
MAR	25·3	14·0	19·7	0·6	33·5	28	7·4	18	16·8	18	18·1	24	121·3	28·5	17
APR	23·1	11·1	17·1	0·0	32·8	17	4·3	9	8·5	22	17·2	19	121·5	38·5	21
MAY	18·3	7·8	13·1	-2·0	24·1	6	4·9	16	9·0	15	11·9	19	87·7	39·0	16
JUN	20·3	7·4	13·9	0·9	24·1	13	1·0	25	13·0	3	13·0	30	0·0	0·0	-
JUL	18·8	7·8	13·3	1·0	25·0	30	4·0	16	8·5	18	12·8	7	94·8	41·5	18
AUG	20·1	7·3	13·7	0·0	29·8	29	0·7	8	9·0	31	15·8	14	33·3	18·5	30
SEP	22·3	8·1	15·2	0·4	34·1	29	1·9	2	9·7	13	17·8	30	21·8	17·7	12
OCT	20·8	9·5	15·1	-1·2	-	-	3·2	5	11·1	19	15·6	22	50·2	10·0	8
NOV	22·8	10·6	16·7	-0·8	33·1	23	3·5	1	9·8	8	16·4	13	46·4	11·2	10
DEC	24·8	12·2	18·5	0·0	33·1	8	8·5	19	14·6	2	18·0	13	77·2	23·0	20
J/Y	22·1	10·3	16·2	-0·3	-	-	0·7	-	8·5	-	19·8	-	792·5	41·5	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF >35	>30	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	⚡	▲	✱	≡
JAN	15	14	3	0	0	4	5	0	0	0	0	0	12	0	0	5
FEB	10	6	2	0	0	1	0	0	0	0	0	0	5	0	0	6
MAR	16	12	5	2	0	8	2	0	0	0	0	0	-	0	0	5
APR	8	7	3	3	0	5	8	1	0	0	1	0	3	0	0	1
MAY	8	5	4	1	0	0	12	1	0	0	1	0	1	0	0	2
JUN	0	0	0	0	0	0	6	0	0	0	6	0	0	0	0	0
JUL	5	4	4	1	0	0	12	1	0	0	2	0	1	0	0	0
AUG	3	3	2	0	0	0	10	1	0	0	8	0	0	0	0	0
SEP	5	2	1	0	0	5	8	1	0	0	8	0	0	0	0	1
OCT	14	11	1	0	-	-	9	0	0	0	-	0	4	0	0	2
NOV	14	10	1	0	0	5	6	1	0	0	2	0	4	0	0	5
DEC	12	10	3	0	0	5	3	0	0	0	0	0	8	0	0	4
J/Y	110	84	29	7	-	-	81	6	0	0	-	0	-	0	0	31

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

96/045A GRAAFF-REINET CON

Ø32°15'S P BY/AT 800GPM HT 1·2M 20
λ24°32'E H 750M HR 1·2M 20

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	924·1	921·0	19·5	28·9	14·7	17·4	58	28	4·0	3·3
FEB	924·3	921·6	20·0	29·6	15·8	18·8	62	31	3·4	2·7
MAR	926·0	923·3	18·1	27·4	14·5	17·5	67	34	3·5	3·4
APR	925·2	923·1	15·4	23·3	11·7	14·9	63	37	4·2	3·9
MAY	924·5	922·5	10·8	18·0	7·5	11·0	62	38	4·2	4·6
JUN	931·6	929·2	9·3	20·9	4·9	10·8	47	22	1·5	1·2
JUL	931·9	929·6	9·6	18·5	6·2	10·8	58	34	2·8	3·0
AUG	930·9	928·5	10·4	20·1	6·0	10·9	49	26	2·3	2·3
SEP	928·9	925·8	13·7	24·1	8·3	12·7	44	20	2·7	2·6
OCT	926·2	923·1	14·8	24·0	10·9	14·1	61	29	4·5	4·3
NOV	926·5	922·8	18·8	27·6	14·0	16·6	57	29	3·1	2·8
DEC	924·5	921·1	19·8	28·0	14·8	17·0	57	29	3·4	3·2
J/Y	927·1	924·3	15·0	24·2	10·8	14·4	57	30	3·3	3·1

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	30·5	14·5	22·5	-1·4	38·7	31	7·5	15	18·1	13	23·3	28	21·4	12·0	24
FEB	31·0	15·5	23·3	-0·6	36·5	23	8·8	21	19·8	15	19·6	12	25·3	24·0	12
MAR	29·0	14·0	21·5	-0·4	36·9	23	6·6	19	18·3	18	19·5	16	61·6	42·5	17
APR	24·5	11·6	18·1	-0·8	34·5	15	5·3	9	11·6	29	17·5	15	52·4	23·4	29
MAY	18·8	7·8	13·3	-2·4	25·6	20	2·7	26	8·8	15	12·1	20	23·5	8·5	15
JUN	21·4	7·7	14·5	1·4	25·4	27	1·4	4	13·2	24	14·0	15	0·0	0·0	-
JUL	19·4	7·4	13·4	0·9	26·2	30	2·0	25	9·6	17	15·2	12	43·4	35·3	17
AUG	20·9	8·0	14·5	0·2	29·5	28	0·9	8	9·8	7	18·3	14	41·2	18·0	30
SEP	25·1	8·7	16·9	0·4	36·8	29	-0·4	1	10·8	12	25·0	30	11·2	10·8	12
OCT	25·2	10·0	17·6	-1·1	40·0	26	1·0	5	14·4	4	17·1	21	14·4	8·0	8
NOV	29·0	12·3	20·7	-0·1	36·3	4	4·0	3	17·8	1	16·6	23	11·7	11·5	17
DEC	29·6	13·8	21·7	-1·0	36·9	8	8·9	6	22·7	4	20·3	8	20·9	15·3	3
J/Y	25·4	10·9	18·1	-0·5	40·0	-	-0·4	-	8·8	-	25·0	-	327·0	42·5	-

1959	AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS: VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	%	▲	*	≡
JAN	7	4	1	0	4	20	0	0	0	0	0	2	6	1	0	0
FEB	2	2	1	0	3	20	0	0	0	0	0	0	3	0	0	0
MAR	7	4	2	1	4	12	0	0	0	0	0	0	7	0	0	1
APR	9	7	1	0	0	5	5	0	0	0	0	0	4	0	0	0
MAY	6	4	0	0	0	0	10	1	0	0	1	0	0	0	0	2
JUN	0	0	0	0	0	0	5	0	0	0	8	0	0	0	0	0
JUL	5	3	1	1	0	0	11	1	0	0	10	0	1	0	0	5
AUG	5	4	2	0	0	0	13	1	0	0	9	0	0	0	0	0
SEP	2	1	1	0	2	9	5	0	0	1	6	1	0	0	0	1
OCT	7	2	0	0	2	7	4	0	0	0	3	0	1	0	0	2
NOV	2	1	1	0	3	11	0	0	0	0	2	0	4	0	0	0
DEC	6	4	1	0	4	15	0	0	0	0	0	1	5	1	0	2
J/Y	58	36	11	2	22	99	53	3	0	1	39	4	31	2	0	13

98/190 CRADOCK TNK

Ø32°10'S P BY/AT -GPM HT 1·2M 21
λ25°37'E H 872M HR 1·2M 21

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	18·3	-	-	-	-	-	1·5	-
FEB	-	-	19·0	28·3	-	-	-	-	1·5	2·0
MAR	-	-	16·5	27·4	-	17·8	-	36	1·7	1·7
APR	-	-	12·5	23·7	-	14·6	-	33	4·1	3·4
MAY	-	-	7·1	17·4	-	11·0	-	42	2·4	2·6
JUN	-	-	2·1	18·7	-	-	-	-	0·8	0·5
JUL	-	-	4·7	17·3	-	-	-	-	2·6	1·3
AUG	-	-	5·8	19·4	-	10·5	-	27	2·0	1·2
SEP	-	-	10·1	23·6	-	12·2	-	19	2·0	1·3
OCT	-	-	14·9	23·4	-	-	58	-	2·3	3·6
NOV	-	-	17·7	26·1	15·9		60	30	1·1	2·2
DEC	-	-	18·9	27·2	16·5		58	29	1·6	3·1
J/Y	-	-	12·3	-	-	-	-	-	2·0	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·2	13·7	21·5	-0·8	36·4	19	8·6	15	19·0	13	20·6	28	39·2	29·3	24
FEB	30·4	14·3	22·3	0·2	36·6	5	8·4	21	21·2	20	18·0	1	77·4	31·5	12
MAR	28·9	12·3	20·6	0·2	36·4	28	5·8	19	18·0	18	17·0	3	39·6	16·5	7
APR	25·5	9·2	17·3	0·2	34·0	15	1·6	9	11·4	29	17·4	1	55·4	25·0	28
MAY	18·4	5·1	11·7	-1·4	24·0	20	0·3	28	10·4	16	10·4	13	20·3	16·5	12
JUN	20·1	1·9	11·0	0·9	25·3	21	-2·6	27	12·8	3	8·0	24	0·0	0·0	-
JUL	18·9	2·3	10·6	1·2	24·0	29	-1·8	16	10·4	18	10·2	3	20·3	12·5	17
AUG	21·1	2·8	11·9	0·0	30·0	29	-3·2	8	10·6	31	13·6	15	4·4	2·5	30
SEP	25·3	5·2	15·3	0·8	34·6	29	-1·6	1	12·5	13	15·4	21	2·5	2·5	12
OCT	25·4	9·1	17·3	0·0	38·2	26	1·4	5	12·2	4	15·6	27	22·8	16·5	21
NOV	28·4	11·1	19·7	0·4	36·6	26	2·8	3	17·2	1	16·6	14	13·3	8·5	17
DEC	29·1	12·8	20·9	-0·2	36·0	15	7·6	6	21·8	5	17·0	8	49·6	18·2	3
J/Y	25·1	8·3	16·7	0·2	38·2	-	-3·2	-	10·4	-	20·6	-	344·8	31·5	-

1959	AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS: VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	%	▲	*	≡
JAN	-	4	1	1	2	14	0	0	0	0	0	2	-	0	0	0
FEB	-	4	3	2	3	15	0	0	0	0	0	0	3	1	0	3
MAR	-	5	2	0	3	15	0	0	0	0	0	0	-	0	0	6
APR	-	5	2	1	0	8	3	0	0	0	3	0	-	0	0	3
MAY	-	2	1	0	0	0	13	0	0	0	15	0	0	0	0	0
JUN	-	0	0	0	0	0	8	0	1	23	27	0	0	0	0	0
JUL	-	3	1	0	0	0	10	0	0	6	25	0	3	-	0	2
AUG	-	2	0	0	0	0	9	0	1	8	24	0	0	0	0	3
SEP	-	1	0	0	0	10	6	0	0	5	12	0	1	0	0	5
OCT	-	2	1	0	2	6	4	0	0	0	5	0	2	0	0	0
NOV	-	3	0	0	3	10	1	0	0	0	1	0	-	0	0	0
DEC	-	7	2	0	1	14	0	0	0	0	0	0	-	0	0	0
J/Y	-	38	13	4	14	92	54	0	2	42	112	2	-	-	0	22

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

98/190A CRADOCK SAR

32°10'S P BY/AT -GPM HT 1·2M
25°37'E H 870M HR 1·2

P IN MB | T IN °C | T' IN °C | U IN % | N IN 0-8

1959	08	14	08	14	08	14	08	14	08	14
JAN										
FEB										
MAR										
APR										
MAY										
JUN	-	-	3·3	19·7	1·3	10·6	68	26	1·2	1·1
JUL	-	-	5·2	18·4	-	-	-	-	3·0	2·2
AUG	-	-	6·6	20·4	3·7	10·7	60	24	2·1	1·4
SEP	-	-	11·1	24·8	7·0	12·7	53	19	1·9	1·6
OCT	-	-	15·8	24·6	11·2	14·0	55	26	3·4	4·1
NOV	-	-	18·6	27·3	14·4	-	62	-	2·0	2·3
DEC	-	-	19·4	28·1	14·6	17·1	58	29	1·6	2·8
J/Y	-	-	-	-	-	-	-	-	-	-

Key: ▲ DONDER; ▲ HAEL; ✱ SNEEU; ≡ MIS; D DATUM; % PERSENTASIE

UITERSTE TEMPERATURE / EXTREME TEMPERATURES | NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN															
FEB															
MAR															
APR															
MAY															
JUN	20·5	1·8	11·1	-	25·0	21	1·6	25	13·5	3	8·5	24	0·0	0·0	-
JUL	19·2	3·4	11·3	-	24·8	28	0·0	26	9·0	17	9·4	3	20·7	13·6	18
AUG	21·5	3·6	12·5	-	30·2	29	-2·3	8	10·2	31	13·4	15	4·8	2·5	30
SEP	25·9	6·2	16·1	-	35·2	29	1·6	1	12·7	13	16·5	30	2·6	2·6	12
OCT	26·0	9·8	17·9	-	38·6	26	1·6	5	13·8	4	17·0	27	13·7	10·5	21
NOV	28·9	11·9	20·4	-	37·4	26	4·2	3	17·6	2	16·9	14	16·5	9·8	17
DEC	29·8	13·5	21·7	-	36·7	15	9·0	6	22·2	5	16·9	8	53·2	20·2	3
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Key: TXX HOOGSTE MAKS TEMP; TNN LAAGSTE MIN TEMP; TXN LAAGSTE MAKS TEMP; TNX HOOGSTE MIN TEMP; R TOTALE REENVAL; RX MAKSIMUM REENVAL; HT HOOGTE VAN DROEBOL TERM; HR HOOGTE VAN REENMETER; HA HOOGTE VAN ANEMOGRAAF

AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	%	▲	✱	≡
JAN																
FEB																
MAR																
APR																
MAY																
JUN	0	0	0	0	0	0	6	0	0	7	27	0	0	0	0	0
JUL	4	3	1	0	0	0	9	1	0	0	24	0	3	1	0	4
AUG	5	2	0	0	0	1	10	0	0	6	22	0	2	0	0	-
SEP	1	1	0	0	2	10	3	0	0	2	11	0	1	0	0	2
OCT	5	2	1	0	2	7	4	0	0	0	4	0	2	0	0	0
NOV	5	4	0	0	4	12	0	0	0	0	1	0	4	0	0	0
DEC	8	6	2	0	3	16	0	0	0	0	0	0	5	0	0	0
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Key: P GEMIDDELDE LUGDRUK; T GEMIDDELDE DROEBOL TEMP; T' GEMIDDELDE NATBOL TEMP; U GEMIDDELDE RELATIEWE VOG; N GEM WOLKSHOEVEELHEID; TX GEMIDDELDE MAKSIMUM TEMP; TN GEMIDDELDE MINIMUM TEMP; ΔTM TX + TN / 2; H HOOGTE VAN STASIE; NORMAAL AFWYKING VAN DIE

103/516A IDUTYWA MUN

32°06'S P BY/AT -GPM HT 1·2M 22
28°18'E H 835M HR 1·2M 22

P IN MB | T IN °C | T' IN °C | U IN % | N IN 0-8

1959	08	14	08	14	08	14	08	14	08	14
JAN	-	-	16·7	21·9	-	-	-	-	6·2	5·7
FEB	-	-	18·5	23·8	-	-	-	-	5·5	5·4
MAR	-	-	18·3	23·4	15·5	18·0	74	58	4·4	4·9
APR	-	-	15·9	22·2	13·2	15·3	73	45	4·4	3·4
MAY	-	-	12·6	18·4	9·3	12·1	64	45	3·0	3·2
JUN	-	-	12·2	20·2	8·2	12·1	56	34	1·5	1·2
JUL	-	-	11·5	18·3	-	-	-	-	2·3	2·6
AUG	-	-	12·1	19·1	-	-	-	-	2·5	2·3
SEP	-	-	14·2	20·5	-	-	-	-	2·7	2·8
OCT	-	-	14·4	19·1	-	-	-	-	4·8	5·1
NOV	-	-	15·8	19·7	13·4	15·5	76	63	5·4	5·5
DEC	-	-	17·5	21·3	14·9	16·7	75	62	4·6	5·9
J/Y	-	-	15·0	20·7	-	-	-	-	3·9	4·0

Key: ▲ THUNDER; ▲ HAIL; ✱ SNOW; ≡ FOG; D DATE; % PERCENTAGE

UITERSTE TEMPERATURE / EXTREME TEMPERATURES | NEERSLAG / PRECIP

1959	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	R MM	RX IN 24H MM	D
JAN	23·1	13·6	18·3	-1·2	34·4	27	7·0	15	15·0	2	19·6	24	63·1	16·0	1
FEB	25·2	14·8	20·0	-0·3	36·0	5	8·0	21	18·5	16	18·0	28	66·8	21·0	15
MAR	25·1	14·4	19·7	0·4	32·6	28	6·5	20	16·2	6	19·2	3	93·7	27·5	3
APR	23·2	12·2	17·7	0·1	32·0	15	4·5	9	10·6	22	17·5	19	124·0	37·0	21
MAY	19·3	8·7	14·0	-1·4	26·2	30	5·2	28	9·4	15	12·5	11	211·3	150·0	16
JUN	20·6	8·2	14·4	1·3	25·5	13	3·0	25	12·8	9	13·2	21	0·0	0·0	-
JUL	19·1	8·3	13·7	1·2	25·6	30	4·2	5	9·0	18	12·6	7	109·3	46·5	18
AUG	20·6	8·0	14·3	0·2	29·5	29	2·0	8	10·0	7	15·0	13	27·7	18·2	30
SEP	21·3	8·5	14·9	-0·4	33·8	30	2·2	14	9·8	13	17·0	30	18·9	14·0	12
OCT	21·2	9·4	15·3	-1·0	35·6	26	3·2	5	12·5	18	14·0	26	76·9	22·0	22
NOV	21·7	11·4	16·5	-1·2	31·4	4	4·9	2	12·5	2	16·0	13	62·3	20·0	13
DEC	-	13·0	-	-	-	-	9·5	19	-	-	18·3	13	87·9	18·0	1
J/Y	-	10·9	-	-	-	-	2·0	-	9·0	-	19·6	-	941·9	150·0	-

Key: TXX HIGHEST MAX TEMP; TNN LOWEST MIN TEMP; TXN LOWEST MAX TEMP; TNX HIGHEST MIN TEMP; R TOTAL RAINFALL; RX MAXIMUM RAINFALL; GPM GEOPOTENTIAL METRES; HT HEIGHT OF DRY BULB THERM; HR HEIGHT OF RAINGAUGE; HA HEIGHT OF ANEMOGRAPH

AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	%	▲	✱	≡
JAN	-	10	2	0	0	3	6	0	0	0	0	0	5	0	0	3
FEB	-	9	2	0	1	3	0	0	0	0	0	0	2	0	0	1
MAR	-	10	4	1	0	7	3	0	0	0	0	0	7	0	0	5
APR	-	8	4	3	0	3	6	0	0	0	1	0	4	0	0	3
MAY	-	4	3	2	0	0	10	1	0	0	0	0	1	0	0	3
JUN	-	0	0	0	0	0	5	0	0	0	3	0	0	0	0	0
JUL	-	4	4	2	0	0	13	1	0	0	1	0	0	0	0	3
AUG	-	3	1	0	0	0	12	0	0	0	5	0	0	0	0	-
SEP	-	3	1	0	0	4	9	2	0	0	5	0	0	0	0	0
OCT	-	14	3	0	1	3	9	0	0	0	2	0	4	0	0	0
NOV	-	9	1	0	0	2	6	0	0	0	1	0	3	1	0	2
DEC	-	9	4	0	-	-	-	-	0	0	0	0	4	0	0	0
J/Y	-	83	29	8	-	-	-	-	0	0	18	0	30	1	0	-

Key: P MEAN PRESSURE; T MEAN DRY BULB TEMP; T' MEAN WET BULB TEMP; U MEAN RELATIVE HUMIDITY; N MEAN CLOUD AMOUNT; TX MEAN MAXIMUM TEMP; TN MEAN MINIMUM TEMP; TM TX + TN / 2; ΔTM DEVIATION FROM NORMAL; H HEIGHT OF STATION

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

125/301 CALA

φ31°31' S P BY/AT -GPM HT 1·2M
λ27°41' E H 1198M HR 1·2M

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	16·6	23·2	14·0	16·4	74	49	5·3	5·1
FEB	-	-	18·1	25·2	15·7	18·7	78	53	4·2	4·0
MAR	-	-	15·8	25·3	13·5	18·2	77	50	3·4	3·3
APR	-	-	13·0	22·6	10·5	14·3	73	38	4·1	3·5
MAY	-	-	9·3	16·3	6·5	9·8	67	41	2·9	3·3
JUN	-	-	5·6	18·4	2·5	8·9	57	23	1·3	1·6
JUL	-	-	-	-	-	-	-	-	-	-
AUG	-	-	7·5	18·3	4·4	9·4	61	27	2·1	1·6
SEP	-	-	11·7	22·3	7·9	11·3	58	22	2·3	2·6
OCT	-	-	14·5	22·0	11·1	13·0	66	33	4·2	4·8
NOV	-	-	15·7	21·8	12·5	15·0	69	47	4·7	4·3
DEC	-	-	17·2	22·7	13·8	16·4	68	51	3·9	4·6
J/Y	-	-	-	-	-	-	-	-	-	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	25·2	13·2	19·2	-1·3	33·3	11	5·5	16	14·5	13	18·0	28	75·9	25·2	1
FEB	26·6	14·7	20·7	0·2	33·5	24	9·0	21	16·5	20	17·7	5	101·9	42·5	15
MAR	26·3	12·7	19·5	0·1	32·8	28	5·0	19	16·0	18	17·4	29	57·6	20·0	17
APR	23·6	10·1	16·9	0·2	30·0	1	3·0	9	9·5	22	14·5	21	110·1	33·6	21
MAY	17·6	6·8	12·2	-1·5	25·5	30	0·7	16	9·5	16	11·5	11	226·4	126·2	16
JUN	19·0	3·4	11·2	0·2	23·0	13	-2·5	25	11·0	9	10·0	8	0·0	0·0	-
JUL	-	-	-	-	-	-	-	-	-	-	-	-	27·6	16·0	8
AUG	19·1	4·3	11·7	-1·4	26·7	29	0·0	31	7·0	31	12·7	15	28·2	14·4	30
SEP	22·6	6·7	14·7	-0·3	31·0	29	-0·6	2	7·8	13	15·9	21	19·6	18·2	12
OCT	23·7	10·1	16·9	0·0	33·6	26	1·0	5	11·9	19	17·1	30	28·0	13·0	27
NOV	23·4	11·3	17·3	-0·9	32·6	5	3·8	2	12·6	2	15·0	13	86·8	31·3	7
DEC	24·9	12·9	18·9	-0·8	34·0	16	9·0	29	16·0	17	16·4	21	131·5	33·0	1
J/Y	-	-	-	-	34·0	-	-	-	-	-	18·0	-	893·6	126·2	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN ≥0·1	/OF RAIN ≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☁	▲	✱	≡
JAN	-	13	1	1	0	6	2	0	0	0	0	0	-	0	0	0
FEB	-	7	3	1	0	5	1	0	0	0	0	0	5	0	0	0
MAR	-	8	2	0	0	7	3	0	0	0	0	0	7	0	0	1
APR	-	8	5	1	0	0	3	1	0	0	2	0	5	0	0	7
MAY	-	9	3	3	0	0	14	1	0	0	7	0	1	0	2	-
JUN	-	0	0	0	0	0	4	0	0	3	21	0	0	0	0	0
JUL	-	4	1	0	-	-	-	-	-	-	-	-	-	-	-	-
AUG	-	3	1	0	0	0	9	2	0	0	20	0	0	0	1	0
SEP	-	2	1	0	0	2	7	2	0	1	9	0	0	0	2	2
OCT	-	4	1	0	0	6	8	0	0	0	4	0	2	0	0	0
NOV	-	10	3	1	0	6	4	0	0	0	1	0	4	1	0	0
DEC	-	10	4	1	0	2	1	0	0	0	0	0	6	3	0	0
J/Y	-	78	25	8	-	-	-	-	-	-	-	-	-	-	-	-

148/810 WILLOW PARK

φ31°30' S P BY/AT 1500GPM HT 1·2M 17
λ26°57' E H 1485M HR 1·2M 17

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	851·5	(850·5)	15·3	(23·7)	12·2	(14·6)	70	(35)	4·9	(4·7)
FEB	852·2	(851·0)	16·9	(24·7)	14·0	(16·5)	73	(41)	3·2	(3·9)
MAR	854·1	(852·4)	15·2	(24·8)	11·5	(15·6)	64	(36)	3·3	(3·3)
APR	853·0	(851·4)	12·6	(21·3)	-	(12·1)	-	(31)	3·9	(3·7)
MAY	851·1	-	8·0	-	5·1	-	64	-	3·6	-
JUN	857·0	-	7·5	-	-	-	-	-	2·1	-
JUL	-	-	-	-	-	-	-	-	-	-
AUG	856·9	(856·2)	7·0	(15·8)	-	-	-	-	1·9	(1·6)
SEP	855·5	(853·7)	10·9	(20·5)	6·7	-	54	-	1·8	(2·4)
OCT	853·0	(851·0)	12·9	(20·9)	9·0	(11·2)	59	(27)	3·9	(4·3)
NOV	853·4	-	14·1	-	10·8	-	66	-	3·7	-
DEC	851·8	-	16·2	-	12·5	-	65	-	3·3	-
J/Y	-	-	-	-	-	-	-	-	-	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	24·5	11·6	18·1	-	31·6	19	3·9	13	12·6	13	15·8	1	50·6	15·0	24
FEB	25·8	12·9	19·3	-	31·3	25	7·7	21	15·5	16	17·6	5	87·9	30·0	12
MAR	24·9	11·3	18·1	-	30·8	24	3·3	19	13·5	18	16·2	16	65·3	25·0	17
APR	21·6	8·5	15·1	-	27·6	15	1·8	9	7·5	22	16·2	3	79·1	22·0	21
MAY	14·5	5·5	10·0	-	22·3	10	-0·5	16	6·8	16	11·1	21	140·7	70·5	16
JUN	16·4	3·6	10·0	-	19·6	12	-5·5	25	7·7	3	9·0	6	2·0	2·0	7
JUL	-	-	-	-	-	-	-	-	-	-	-	-	33·6	13·0	8
AUG	16·6	3·3	9·9	-	24·2	29	-4·3	19	4·2	31	12·5	13	27·0	12·0	30
SEP	21·0	5·4	13·2	-	29·4	29	-4·3	2	4·6	13	16·8	21	25·8	24·5	12
OCT	21·8	7·7	14·7	-	32·6	16	-4·0	6	8·0	4	15·7	22	31·9	8·5	8
NOV	23·6	10·2	16·9	-	31·6	29	2·2	2	11·5	2	16·7	5	62·2	19·5	23
DEC	24·0	11·3	17·7	-	31·8	15	7·0	29	16·1	2	15·3	17	113·1	40·0	1
J/Y	-	-	-	-	32·6	-	-	-	-	-	17·6	-	719·2	70·5	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN ≥0·1	/OF RAIN ≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☁	▲	✱	≡
JAN	17	9	1	0	0	1	4	0	0	0	2	0	10	0	1	2
FEB	10	6	3	2	0	5	2	0	0	0	0	0	9	0	0	3
MAR	14	10	2	1	0	2	3	0	0	0	2	0	10	0	0	0
APR	11	6	4	0	0	0	7	2	0	0	6	0	6	0	1	2
MAY	11	6	4	0	0	0	7	2	0	0	6	0	6	0	1	2
JUN	1	1	0	0	0	0	13	3	2	7	17	0	0	0	0	-
JUL	8	6	2	0	-	-	-	-	-	-	-	-	-	-	-	-
AUG	5	3	2	0	0	0	15	3	3	9	20	0	1	0	3	0
SEP	3	2	1	0	0	0	7	2	2	7	18	0	1	0	2	1
OCT	14	7	0	0	0	4	8	2	1	2	7	0	8	0	1	2
NOV	9	7	3	0	0	3	5	0	0	0	3	0	7	0	0	6
DEC	12	9	4	2	0	2	1	0	0	0	0	0	11	0	0	0
J/Y	114	74	25	7	-	-	-	-	-	-	-	-	-	-	-	-

KLIMAATTABELLE — CLIMATOLOGICAL TABLES
STASIES VAN DIE TWEEDE ORDE — SECOND ORDER STATIONS

179/864 MOUNT FRERE TNK φ30°54'S P BY/AT -6PM HT 1·2M 31
λ28°59'E H 1158M HR 1·2M 31

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	16·8	22·2	-	-	-	-	4·4	4·7
FEB	-	-	18·2	23·6	-	-	-	-	5·1	5·7
MAR	-	-	17·5	24·1	-	-	-	-	4·3	4·5
APR	-	-	15·5	22·6	-	-	-	-	2·6	2·6
MAY	-	-	11·4	17·9	-	-	-	-	2·5	3·1
JUN	-	-	9·0	18·6	-	-	-	-	1·0	1·1
JUL	-	-	9·3	17·7	-	-	-	-	1·7	2·0
AUG	-	-	9·4	18·0	-	-	-	-	1·3	1·1
SEP	-	-	13·5	20·7	-	-	-	-	1·6	2·4
OCT	-	-	15·1	21·1	-	-	-	-	3·7	4·5
NOV	-	-	15·4	20·2	-	-	-	-	4·0	3·8
DEC	-	-	17·1	22·2	-	-	-	-	5·3	5·1
J/Y	-	-	14·0	20·7	-	-	-	-	3·1	3·2

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	24·2	13·1	18·7	-1·2	33·0	27	5·5	14	14·6	13	17·3	20	84·9	19·0	25
FEB	25·0	15·1	20·1	0·4	33·2	5	8·6	21	16·2	20	18·2	11	82·0	35·5	15
MAR	25·3	13·3	19·3	0·4	36·0	28	4·9	19	14·9	18	20·4	29	69·9	25·5	1
APR	23·8	11·7	17·7	0·6	31·5	3	5·8	9	11·0	22	16·8	3	58·0	34·0	21
MAY	19·3	8·3	13·8	-0·2	26·0	10	4·4	2	10·5	16	12·5	13	109·0	42·0	17
JUN	19·5	5·7	12·6	0·5	23·5	20	1·0	25	12·3	9	9·6	24	0·0	0·0	-
JUL	18·9	6·3	12·6	0·7	22·5	12	3·2	18	10·9	8	10·6	7	41·0	14·0	17
AUG	19·3	5·8	12·5	-1·2	28·1	29	0·4	31	4·9	31	12·0	29	36·9	23·5	31
SEP	22·1	7·9	15·0	0·0	31·4	30	0·5	13	8·5	1	18·6	30	29·0	17·2	12
OCT	22·5	9·7	16·1	-0·6	33·6	29	-4·5	7	11·9	19	16·6	29	39·5	10·0	22
NOV	21·8	11·4	16·6	-0·8	32·6	5	4·1	1	12·0	2	17·4	24	76·3	14·0	5
DEC	23·4	12·9	18·1	-0·7	34·9	16	8·6	3	14·8	2	16·1	21	92·6	16·0	17
J/Y	22·1	10·1	16·1	-0·2	36·0	-	-4·5	-	4·9	-	20·4	-	719·1	42·0	-

1959	AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ☇	▲	✱	≡
JAN	-	12	3	0	0	2	4	0	0	0	0	0	-	0	0	3
FEB	-	5	3	2	0	3	2	0	0	0	0	0	3	0	0	4
MAR	-	7	1	1	1	5	4	0	0	0	1	1	-	0	0	5
APR	-	6	1	1	0	3	4	0	0	0	0	0	2	0	0	3
MAY	-	5	3	2	0	0	8	0	0	0	3	0	0	0	0	0
JUN	-	0	0	0	0	0	6	0	0	0	7	0	0	0	0	0
JUL	-	4	2	0	0	0	10	0	0	0	7	0	0	0	0	0
AUG	-	3	2	0	0	0	11	2	0	0	15	0	0	0	1	0
SEP	-	4	1	0	0	1	9	2	0	0	9	0	0	0	1	0
OCT	-	7	1	0	0	3	10	0	1	1	3	0	5	0	0	1
NOV	-	12	2	0	0	3	8	0	0	0	2	0	5	1	0	4
DEC	-	11	4	0	0	2	3	0	0	0	0	0	2	0	0	1
J/Y	-	76	23	6	1	22	79	4	1	1	47	1	-	1	2	21

190/868 BRANDVLEI POL φ30°28'S P BY/AT -6PM HT 1·2M 32
λ20°29'E H 914M HR 1·2M 32

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	19·5	(30·5)	12·9	(15·3)	44	(14)	1·0	(2·1)
FEB	-	-	20·5	-	13·9	-	45	-	1·5	-
MAR	-	-	16·0	(28·2)	11·2	(14·8)	54	(17)	1·6	(2·3)
APR	-	-	11·0	23·1	7·9	12·5	64	23	2·9	3·1
MAY	-	-	6·2	(16·1)	5·2	(9·7)	85	(40)	3·1	(3·0)
JUN	-	-	4·1	19·3	2·0	9·8	69	23	1·8	1·5
JUL	-	-	3·6	(18·2)	1·8	(9·1)	71	(23)	1·9	(1·3)
AUG	-	-	5·2	19·7	2·7	9·8	63	20	1·9	1·2
SEP	-	-	9·8	(25·0)	5·1	(11·5)	45	(11)	1·4	(0·9)
OCT	-	-	12·9	(22·8)	8·4	(12·0)	52	(22)	2·5	(2·7)
NOV	-	-	-	-	-	-	-	-	-	-
DEC	-	-	20·9	(29·8)	-	-	-	-	2·0	(1·6)
J/Y	-	-	-	-	-	-	-	-	-	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	32·2	14·6	23·4	-	38·4	31	7·8	12	21·8	12	19·3	31	7·5	7·5	24
FEB	33·6	16·6	25·1	-	39·9	4	12·5	20	27·4	12	22·5	11	37·0	37·0	12
MAR	31·0	13·2	22·1	-	36·5	23	6·0	18	19·0	17	18·5	16	17·5	12·0	14
APR	25·2	9·1	17·1	-	35·0	1	3·2	9	11·4	29	16·3	1	15·0	7·0	17
MAY	17·1	3·9	10·5	-	24·0	5	0·0	29	10·6	15	8·6	13	34·5	29·2	12
JUN	20·0	2·3	11·1	-	25·5	27	-3·1	25	10·5	24	9·1	6	0·0	0·0	-
JUL	19·4	1·9	10·7	-	25·2	6	-4·2	24	13·0	18	9·1	7	0·0	0·0	-
AUG	20·4	2·7	11·5	-	28·8	28	-4·3	7	10·0	16	10·1	12	0·0	0·0	-
SEP	26·2	5·3	15·7	-	35·7	29	-1·9	2	13·4	12	16·0	20	0·0	0·0	-
OCT	25·2	8·5	16·9	-	34·7	25	-0·6	5	13·0	4	14·1	26	7·5	7·5	8
NOV	31·6	13·4	22·5	-	37·8	22	2·8	1	19·4	1	24·0	23	0·0	0·0	-
DEC	32·2	15·6	23·9	-	37·7	31	9·0	5	20·9	4	21·8	3	0·0	0·0	-
J/Y	26·2	8·9	17·5	-	39·9	-	-4·3	-	10·0	-	24·0	-	119·0	37·0	-

1959	AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ☇	▲	✱	≡
JAN	1	1	0	0	7	24	0	0	0	0	0	0	1	0	0	0
FEB	1	1	1	1	12	22	0	0	0	0	0	5	1	0	0	0
MAR	2	2	1	0	1	22	0	0	0	0	0	0	3	0	0	0
APR	5	4	0	0	0	6	4	0	0	0	3	0	1	0	0	0
MAY	4	3	1	1	0	0	16	0	0	0	20	0	1	0	0	0
JUN	0	0	0	0	0	0	8	0	3	8	25	0	0	0	0	2
JUL	0	0	0	0	0	0	12	0	3	8	25	0	0	0	0	2
AUG	0	0	0	0	0	0	11	0	2	7	25	0	1	0	0	1
SEP	0	0	0	0	1	11	3	0	0	2	16	0	0	0	0	0
OCT	1	1	0	0	0	8	4	0	0	1	5	0	1	0	0	0
NOV	0	0	0	0	5	21	0	0	0	0	1	1	-	-	-	-
DEC	0	0	0	0	5	25	0	0	0	0	0	3	2	0	0	0
J/Y	14	12	3	2	31	139	58	0	8	26	120	9	-	-	-	-

K L I M A A T T A B E L L E — C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE TWEEDE ORDE — SECOND ORDER STATIONS

206/602 SEKAKES BAS Ø30°02'S P BY/AT -GPM HT 1·2M 35
X28°21'E H 1676M HR 1·2M 35

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	17·5	24·2	13·9	16·5	67	47	2·9	4·8
FEB	-	-	18·1	26·1	15·2	17·8	73	43	2·3	4·4
MAR	-	-	15·4	25·2	12·7	16·3	73	38	2·5	4·0
APR	-	-	12·5	23·0	9·7	14·4	70	37	2·7	3·7
MAY	-	-	6·5	15·3	4·6	10·1	75	51	3·3	3·0
JUN	-	-	2·5	16·5	0·5	9·0	68	33	1·6	1·4
JUL	-	-	2·8	15·2	1·7	9·1	83	42	2·1	2·2
AUG	-	-	4·1	17·8	1·6	9·6	63	31	0·8	1·4
SEP	-	-	10·9	22·1	6·8	12·1	51	27	1·3	2·4
OCT	-	-	14·4	22·2	10·7	14·1	63	39	3·5	4·9
NOV	-	-	16·4	23·2	13·0	15·4	68	42	3·0	5·2
DEC	-	-	17·9	23·2	14·3	15·6	67	43	3·7	5·1
J/Y	-	-	11·6	21·2	8·7	13·3	68	39	2·5	3·5

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	26·0	11·7	18·9	-	32·2	22	3·6	14	16·1	13	15·4	12	54·4	18·0	27
FEB	27·9	13·1	20·5	-	33·2	27	8·7	21	20·8	16	17·0	11	72·5	26·0	15
MAR	27·3	10·7	19·0	-	32·7	29	4·1	20	20·1	18	14·9	30	73·1	19·4	17
APR	24·5	8·3	16·4	-	30·8	1	2·0	30	9·5	30	12·9	25	95·4	31·0	29
MAY	16·0	4·5	10·3	-	22·6	10	-0·5	5	5·1	16	11·1	10	148·7	54·5	17
JUN	17·5	0·9	9·2	-	20·3	14	-3·1	13	11·6	3	10·6	2	1·5	1·1	8
JUL	16·2	1·3	8·7	-	20·0	12	-2·9	16	7·8	18	5·7	8	30·6	15·0	13
AUG	18·5	1·1	9·8	-	25·0	28	-3·5	17	5·2	31	11·4	30	13·5	11·5	31
SEP	23·3	5·9	14·6	-	31·0	29	-2·8	2	7·0	13	18·0	30	3·1	1·6	13
OCT	23·2	8·6	15·9	-	31·3	29	-1·5	6	-	-	16·9	1	66·4	20·5	2
NOV	25·2	10·3	17·7	-	31·3	5	4·1	2	11·8	2	14·9	30	103·3	21·4	7
DEC	25·8	12·0	18·9	-	32·0	15	9·1	5	18·4	2	15·4	21	137·7	38·0	3
J/Y	22·6	7·4	15·0	-	33·2	-	-3·5	-	-	-	18·0	-	800·2	54·5	-

1959	AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS: VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ⚡	▲	✱	≡
JAN	13	10	2	0	0	5	1	0	0	0	1	0	10	1	0	0
FEB	12	8	2	1	0	7	0	0	0	0	0	0	8	0	0	0
MAR	16	10	2	0	0	8	0	0	0	0	2	0	11	0	0	0
APR	8	8	2	1	0	2	3	1	0	0	3	0	-	0	0	0
MAY	11	10	4	2	0	0	16	5	0	2	21	0	2	0	2	2
JUN	4	1	0	0	0	0	11	0	5	15	25	0	-	0	-	0
JUL	6	5	1	0	0	0	-	1	2	9	28	0	1	0	0	2
AUG	2	2	1	0	0	0	9	1	3	11	28	0	0	0	2	0
SEP	2	2	0	0	0	1	3	2	1	5	14	0	2	0	2	0
OCT	12	10	2	0	0	5	-	-	0	3	6	0	9	1	0	0
NOV	17	13	4	0	0	5	2	0	0	0	2	0	18	3	0	0
DEC	16	15	5	1	0	3	0	0	0	0	0	0	13	2	0	0
J/Y	119	94	25	5	0	36	-	-	11	45	130	0	-	7	-	4

227/464 ORANJERIVIER SOUTWERKE Ø29°44'S P BY/AT -GPM HT 1·2M 38
X24°16'E H 1088M HR 1·2M 38

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	20·4	28·6	14·3	15·9	50	23	2·1	3·1
FEB	-	-	20·5	(30·4)	16·4	(19·4)	66	(39)	2·2	(4·2)
MAR	-	-	17·8	29·0	13·9	16·1	65	23	2·5	3·4
APR	-	-	12·8	24·5	9·8	14·8	68	33	3·1	3·6
MAY	-	-	6·2	17·3	5·3	10·6	87	41	2·7	3·0
JUN	-	-	1·0	17·8	0·1	9·1	85	28	0·9	1·0
JUL	-	-	3·3	(18·1)	2·0	(9·6)	80	(29)	1·7	(1·9)
AUG	-	-	3·2	20·3	0·9	9·3	65	24	0·7	0·5
SEP	-	-	10·1	25·0	5·1	11·8	43	15	0·9	1·1
OCT	-	-	16·5	26·6	10·2	13·3	43	17	2·9	3·6
NOV	-	-	20·5	30·2	13·9	15·6	47	17	2·0	3·1
DEC	-	-	21·4	28·8	15·5	16·7	53	27	2·1	3·4
J/Y	-	-	12·8	(24·7)	8·9	(13·5)	63	(26)	2·0	(2·7)

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	31·6	15·4	23·5	-2·1	38·1	19	6·3	14	22·2	12	22·7	20	57·6	38·7	27
FEB	31·3	16·1	23·7	-0·6	35·2	24	9·2	21	22·5	15	20·6	11	65·0	26·5	12
MAR	30·5	13·9	22·2	0·7	35·2	28	5·2	20	19·9	18	19·7	2	26·1	13·2	15
APR	25·9	8·8	17·3	0·2	32·3	2	1·3	9	9·8	30	15·6	1	30·4	14·5	28
MAY	17·7	4·0	10·9	-2·2	23·6	20	-0·6	26	10·6	16	11·4	12	84·2	59·7	12
JUN	18·7	-0·5	9·1	0·0	22·7	23	-5·4	25	11·9	9	5·5	7	0·0	0·0	-
JUL	18·5	1·6	10·1	1·7	22·4	11	-3·3	26	8·5	17	11·6	12	9·7	7·5	4
AUG	20·3	0·6	10·5	-1·4	28·5	29	-3·3	17	10·5	16	9·5	15	0·0	0·0	-
SEP	26·2	4·4	15·3	0·0	34·3	29	-3·4	2	15·4	13	19·4	30	0·0	0·0	-
OCT	27·7	9·8	18·7	-0·4	37·4	26	-1·9	5	14·6	4	16·6	17	9·2	4·8	20
NOV	31·3	14·4	22·9	1·2	36·1	16	6·5	2	20·6	1	20·7	23	33·6	20·0	17
DEC	30·8	16·3	23·5	-0·7	36·4	30	11·1	4	21·7	4	20·1	1	59·3	37·5	3
J/Y	25·9	8·7	17·3	-0·3	38·1	-	-5·4	-	8·5	-	22·7	-	375·1	59·7	-

1959	AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS: VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ⚡	▲	✱	≡
JAN	6	4	2	1	5	23	0	0	0	0	0	2	7	4	0	0
FEB	5	4	3	1	2	20	0	0	0	0	0	2	1	0	0	0
MAR	7	3	1	0	1	21	0	0	0	0	0	0	9	0	0	0
APR	6	4	2	0	0	5	3	1	0	0	7	0	5	0	0	0
MAY	7	3	2	1	0	0	12	0	0	1	23	0	3	0	0	0
JUN	0	0	0	0	0	0	10	0	4	20	29	0	0	0	0	0
JUL	3	2	0	0	0	0	8	2	1	13	24	0	0	0	0	0
AUG	0	0	0	0	0	0	10	0	2	14	29	0	1	0	0	0
SEP	0	0	0	0	0	7	3	0	1	5	18	0	0	0	0	0
OCT	4	2	0	0	5	12	2	0	0	2	5	0	4	0	0	0
NOV	6	5	1	0	5	21	0	0	0	0	0	1	6	0	0	0
DEC	7	5	1	1	2	19	0	0	0	0	0	1	8	0	0	0
J/Y	51	32	12	4	20	128	48	3	8	55	135	6	44	4	0	0

KLIMAATTABELLE — STASIES VAN DIE TWEEDE ORDE

CLIMATOLOGICAL TABLES — SECOND ORDER STATIONS

233/439 MAFETENG BAS ø29°49'S P BY/AT -6PM HT 1·2M 37
λ27°15'E H 1615M HR 1·2M 37

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	-	-	-	-	-	-	-	-
FEB	-	-	18·6	24·6	14·9	16·4	67	41	3·0	4·0
MAR	-	-	17·0	24·1	12·9	14·8	62	34	-	-
APR	-	-	15·2	22·5	10·8	12·9	57	30	1·5	2·3
MAY	-	-	9·6	14·9	6·8	9·2	67	45	4·0	4·1
JUN	-	-	-	-	-	-	-	-	-	-
JUL	-	-	9·4	14·8	5·8	8·0	57	36	2·2	2·3
AUG	-	-	9·4	17·4	4·6	7·2	45	16	0·6	0·7
SEP	-	-	13·2	22·4	7·2	10·2	39	15	1·2	0·8
OCT	-	-	15·3	22·9	10·4	12·0	53	23	2·7	2·3
NOV	-	-	18·3	25·0	13·3	15·1	56	32	-	-
DEC	-	-	-	-	-	-	-	-	-	-
J/Y	-	-	-	-	-	-	-	-	-	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	-	-	-	-	-	-	-	-	-	-	-	-	58·5	27·5	31
FEB	26·2	13·5	19·9	-	31·5	26	8·0	21	18·0	13	17·0	11	86·0	22·5	14
MAR	25·4	11·3	18·3	-	29·5	24	4·0	19	16·5	18	16·0	28	42·5	29·0	17
APR	23·6	9·4	16·7	-	29·5	16	0·5	30	7·5	30	15·0	3	87·8	38·0	29
MAY	16·5	4·4	10·5	-	21·5	10	-2·0	27	9·0	22	10·5	12	50·4	20·4	3
JUN	-	-	-	-	20·5	15	-3·0	28	-	-	-	-	0·0	0·0	-
JUL	15·7	3·4	9·5	-	19·0	12	-3·0	16	8·5	18	8·0	8	56·0	35·5	14
AUG	18·4	3·1	10·7	-	24·0	29	-2·5	3	9·0	16	10·0	29	0·0	0·0	-
SEP	23·2	6·7	14·9	-	31·5	29	-3·5	2	12·0	13	17·0	29	0·0	0·0	-
OCT	24·2	8·8	16·5	-	30·4	17	-2·5	6	15·5	5	-	-	26·2	18·0	20
NOV	26·0	11·0	18·5	-	31·0	27	4·5	2	19·2	1	16·5	27	44·0	35·5	8
DEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J/Y	-	-	-	-	-	-	-3·5	-	-	-	-	-	-	-	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REËN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	⚡	▲	✕	≡
JAN	-	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
FEB	-	5	5	0	0	1	0	0	0	0	0	0	1	0	0	2
MAR	-	3	1	1	0	0	1	0	0	0	2	0	2	0	0	0
APR	-	5	3	1	0	0	2	1	0	0	4	0	-	-	-	-
MAY	-	5	1	0	0	0	-	1	0	3	-	0	-	-	-	-
JUN	-	0	0	0	0	0	-	-	1	5	-	0	-	-	-	-
JUL	-	3	2	1	0	0	19	2	1	3	21	0	-	0	0	0
AUG	-	0	0	0	0	0	-	1	0	-	-	0	-	-	-	-
SEP	-	0	0	0	0	2	3	0	1	5	10	0	-	-	-	-
OCT	-	4	1	0	0	1	-	0	0	-	-	-	0	0	0	0
NOV	-	2	1	1	0	-	0	0	0	0	-	0	0	0	0	0
DEC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

239/482 CEDARA AGRIC ø29°32'S P BY/AT -6PM HT 1·2M 42
λ30°17'E H 1063M HR 1·2M 42

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	18·3	22·9	15·9	18·5	79	65	5·3	5·8
FEB	-	-	18·4	23·6	16·6	19·7	84	69	5·3	5·1
MAR	-	-	17·4	23·9	15·3	18·4	80	58	3·1	4·6
APR	-	-	15·2	23·8	13·4	17·0	78	49	3·6	3·6
MAY	-	-	9·7	19·1	8·0	12·7	79	45	2·8	3·0
JUN	-	-	5·8	19·6	4·3	11·6	79	33	1·5	2·3
JUL	-	-	6·9	18·8	5·6	11·2	82	35	2·5	2·6
AUG	-	-	8·4	19·7	6·2	11·2	74	30	1·9	1·9
SEP	-	-	13·5	22·2	10·0	13·5	63	32	2·6	2·9
OCT	-	-	16·3	21·5	13·2	15·4	70	50	4·3	5·3
NOV	-	-	16·0	20·3	13·9	16·1	79	64	6·1	5·7
DEC	-	-	18·1	22·5	15·5	17·6	76	60	5·2	6·6
J/Y	-	-	13·7	21·5	11·5	15·2	77	49	5·7	4·1

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	24·7	13·9	19·3	-	33·2	4	6·7	14	16·9	6	20·0	1	130·1	21·9	10
FEB	25·0	14·6	19·8	-	33·9	5	11·3	21	17·0	20	17·5	3	155·0	45·7	15
MAR	25·4	12·5	18·9	-	33·5	29	6·0	19	15·0	18	16·7	3	50·8	18·5	2
APR	25·1	10·9	18·0	-	31·0	7	6·1	10	12·5	22	15·5	14	54·9	22·3	21
MAY	20·1	4·7	12·4	-	27·1	10	-0·7	1	12·0	16	13·3	13	213·8	121·0	17
JUN	20·5	1·6	11·1	-	26·1	2	-2·0	28	10·2	3	8·3	1	0·6	0·3	8
JUL	19·6	3·1	11·3	-	23·0	12	-1·9	18	14·4	4	10·3	14	6·9	4·5	8
AUG	20·7	2·7	11·7	-	29·6	29	-2·0	18	7·8	31	8·4	26	22·6	11·9	31
SEP	23·6	6·7	15·1	-	34·0	30	0·0	3	9·5	13	12·5	8	17·0	10·8	12
OCT	23·3	10·7	17·0	-	35·3	17	-0·4	6	11·4	19	17·7	28	84·7	29·3	19
NOV	21·8	12·2	17·0	-	31·8	5	5·8	4	10·6	1	15·4	13	106·9	20·0	8
DEC	23·9	13·5	18·7	-	34·0	16	9·5	3	14·5	18	17·8	17	112·0	24·0	17
J/Y	22·8	8·9	15·9	-	35·3	-	-2·0	-	7·8	-	20·0	-	955·3	121·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REËN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	⚡	▲	✕	≡
JAN	19	15	5	0	0	5	2	0	0	0	0	0	10	1	0	4
FEB	20	12	4	2	0	2	1	0	0	0	0	0	6	0	0	-
MAR	20	11	1	0	0	5	2	0	0	0	0	0	9	0	0	4
APR	13	6	3	0	0	3	1	0	0	0	0	0	6	1	0	3
MAY	9	8	4	3	0	0	7	0	0	2	18	0	2	0	0	3
JUN	3	0	0	0	0	0	5	0	0	8	26	0	0	0	0	0
JUL	3	2	0	0	0	0	8	0	0	4	21	0	0	0	0	1
AUG	4	3	1	0	0	0	8	2	0	5	22	0	1	0	1	2
SEP	5	2	1	0	0	4	5	1	0	0	10	0	2	0	0	0
OCT	17	10	3	1	1	7	8	0	0	1	3	0	11	0	0	0
NOV	24	15	4	0	0	1	8	0	0	0	0	0	10	0	0	8
DEC	23	13	3	0	0	4	2	0	0	0	0	0	10	0	0	13
J/Y	160	97	29	6	1	31	57	3	0	20	100	0	67	2	1	-

239/730 UKULINGA AGRIC Ø29°40'S P BY/AT -6PM HT 1·2M 43
X30°25'E H 762M HR 1·2M 43

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	19·6	23·9	17·1	18·9	78	61	5·4	5·4
FEB	-	-	19·8	24·9	17·9	20·2	83	64	5·3	4·6
MAR	-	-	19·6	25·7	16·8	19·0	75	51	3·9	4·0
APR	-	-	18·1	25·2	15·4	17·6	75	45	3·9	3·0
MAY	-	-	14·4	20·7	10·9	13·7	64	43	2·8	3·0
JUN	-	-	13·2	21·0	8·8	12·4	53	32	1·1	1·8
JUL	-	-	13·3	20·6	9·2	12·4	58	35	2·0	2·2
AUG	-	-	13·9	21·1	9·3	12·0	53	29	1·7	1·8
SEP	-	-	16·2	22·5	11·4	14·4	54	38	2·9	2·5
OCT	-	-	17·0	21·9	14·3	15·7	74	50	4·8	4·9
NOV	-	-	17·6	21·7	15·2	17·1	77	62	6·1	5·4
DEC	-	-	19·6	23·9	16·8	18·5	75	58	5·3	6·2
J/Y	-	-	16·9	22·8	13·6	16·0	68	47	3·8	3·7

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	25·5	16·0	20·7	-0·2	34·8	4	8·3	14	17·2	12	21·0	1	119·5	28·0	28
FEB	26·0	16·7	21·3	0·0	35·8	5	13·0	21	18·0	20	19·0	7	95·2	62·0	15
MAR	26·7	15·9	21·3	0·6	35·8	28	9·5	19	15·2	18	21·4	29	19·1	6·4	2
APR	26·8	14·4	20·6	1·7	33·7	7	10·7	22	13·4	22	19·2	16	25·3	9·0	22
MAY	21·9	10·2	16·1	-0·8	28·9	10	6·2	1	15·2	16	17·0	11	195·0	136·0	17
JUN	21·8	8·8	15·3	0·8	26·0	21	2·0	28	12·4	3	12·5	8	0·0	0·0	-
JUL	21·4	9·4	15·4	1·3	25·4	7	4·5	18	16·2	4	14·0	13	8·0	7·0	8
AUG	22·3	9·3	15·8	0·1	31·7	29	4·7	31	9·8	31	14·0	28	42·3	27·0	31
SEP	24·4	10·9	17·7	0·8	36·6	30	4·4	14	10·8	13	18·0	30	11·2	6·2	12
OCT	23·6	13·4	18·5	0·1	36·8	29	4·3	5	13·4	19	19·9	29	62·2	19·5	4
NOV	23·1	14·0	18·5	-0·8	33·8	5	8·1	3	11·8	1	19·5	27	58·7	17·2	7
DEC	25·8	15·3	20·5	0·1	38·4	16	10·5	3	16·7	18	19·1	17	80·5	32·5	17
J/Y	24·1	12·9	18·5	0·3	38·4	-	2·0	-	9·8	-	21·4	-	717·0	136·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN ≥0·1	VAN /OF RAIN ≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☇	▲	✕	≡
JAN	17	11	5	2	0	8	2	0	0	0	0	3	11	0	0	2
FEB	12	9	1	1	1	2	0	0	0	0	0	0	7	0	0	4
MAR	9	5	0	0	2	6	1	0	0	0	0	1	9	0	0	3
APR	6	4	0	0	0	6	1	0	0	0	0	0	5	0	0	3
MAY	5	5	3	2	0	0	4	0	0	0	0	0	2	0	0	1
JUN	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0
JUL	2	2	0	0	0	0	3	0	0	0	1	0	0	0	0	1
AUG	4	3	2	1	0	1	5	1	0	0	2	0	0	0	0	0
SEP	3	3	0	0	1	5	3	0	0	0	2	0	5	0	0	1
OCT	17	9	2	0	1	4	3	0	0	0	1	0	10	1	0	2
NOV	16	13	2	0	0	4	3	0	0	0	0	0	8	1	0	1
DEC	19	13	2	1	1	7	1	0	0	0	0	0	10	0	0	1
J/Y	110	77	17	7	6	43	28	1	0	0	7	4	67	2	0	19

241/ 72 MOUNT EDGECOMBE Ø29°42'S P BY/AT -GPM HT 1·2M 44
X31°03'E H 104M HR 1·2M 44

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	22·7	25·2	19·7	21·2	74	68	5·0	5·3
FEB	-	-	22·8	26·3	20·5	22·3	80	67	4·7	4·2
MAR	-	-	21·7	26·0	19·7	21·8	82	67	3·8	3·5
APR	-	-	20·3	25·7	18·4	20·7	83	61	4·0	4·1
MAY	-	-	16·2	22·9	14·0	18·5	77	64	2·8	2·9
JUN	-	-	13·7	22·6	10·5	16·4	64	49	1·5	2·1
JUL	-	-	14·7	22·3	11·7	17·0	68	56	2·4	3·2
AUG	-	-	15·1	22·3	12·1	17·1	68	57	3·0	3·8
SEP	-	-	17·0	22·2	14·6	17·4	76	60	3·7	3·3
OCT	-	-	19·9	22·5	17·3	18·9	76	69	5·6	5·3
NOV	-	-	20·9	23·1	18·4	19·8	78	72	5·9	5·0
DEC	-	-	22·0	24·7	19·4	20·8	77	69	5·3	5·0
J/Y	-	-	18·9	23·8	16·4	19·3	75	63	4·0	4·0

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	26·7	19·0	22·9	-0·6	33·5	28	13·0	14	21·2	6	22·5	11	74·9	13·5	28
FEB	27·2	19·7	23·5	-0·2	33·3	5	16·3	23	22·8	16	22·7	3	81·8	37·5	15
MAR	27·0	18·7	22·9	0·0	30·8	3	14·0	19	20·3	18	23·3	5	17·4	7·2	10
APR	26·5	17·7	22·1	0·7	32·4	7	14·5	18	18·0	22	22·2	16	23·4	8·0	22
MAY	24·0	13·8	18·9	-0·4	29·2	13	11·0	25	16·6	16	17·0	13	118·0	33·5	17
JUN	23·4	12·1	17·7	0·6	26·0	21	10·1	14	18·0	3	16·8	3	0·4	0·4	3
JUL	23·1	12·7	17·9	1·2	30·0	7	9·4	23	17·8	17	16·6	8	21·2	16·0	8
AUG	23·2	12·1	17·7	0·0	32·6	29	8·6	10	15·0	31	16·8	16	69·8	63·0	31
SEP	23·3	13·6	18·5	-0·5	29·8	30	10·1	14	16·3	13	18·3	26	35·5	20·0	12
OCT	23·5	16·9	20·2	-0·1	31·0	29	8·8	5	17·5	19	21·2	29	105·6	32·5	19
NOV	24·3	17·3	20·8	-0·7	28·0	3	12·3	4	18·5	8	20·5	13	74·2	19·0	7
DEC	26·0	18·7	22·3	-0·4	30·3	13	14·5	15	20·4	18	22·3	13	98·5	24·0	17
J/Y	24·9	16·0	20·5	0·0	33·5	-	8·6	-	15·0	-	23·3	-	720·7	63·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN ≥0·1	VAN /OF RAIN ≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☇	▲	✕	≡
JAN	13	12	3	0	0	5	0	0	0	0	0	13	12	0	0	0
FEB	9	9	2	1	0	1	0	0	0	0	0	15	3	0	0	0
MAR	5	4	0	0	0	2	0	0	0	0	0	8	0	0	0	0
APR	7	5	0	0	0	1	0	0	0	0	0	3	3	0	0	0
MAY	8	7	3	3	0	0	1	0	0	0	0	0	-	0	0	0
JUN	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JUL	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0
AUG	5	5	1	1	0	1	2	0	0	0	0	0	1	0	0	0
SEP	4	4	1	0	0	0	2	0	0	0	0	0	0	0	0	0
OCT	15	13	4	1	0	1	0	0	0	0	0	4	7	0	0	0
NOV	12	10	3	0	0	0	0	0	0	0	0	2	4	0	0	0
DEC	16	13	4	0	0	1	0	0	0	0	0	7	3	0	0	0
J/Y	98	85	22	6	0	12	5	0	0	0	0	52	-	0	0	0

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

251/261 KENHARDT PDS Ø29°21'S P BY/AT 800GPM HT 1·2M 45
X21°09'E H 791M HR 1·2M 45

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	933·3	929·2	21·2	32·1	14·1	16·9	43	16	1·1	1·0
FEB	929·3	(926·6)	22·5	(34·0)	15·7	(19·5)	47	(22)	1·4	(2·0)
MAR	929·2	(925·3)	18·5	(29·5)	12·8	(15·9)	49	(19)	1·2	(1·4)
APR	925·0	(922·9)	13·2	(25·3)	9·5	(14·2)	60	(25)	2·3	(2·0)
MAY	925·1	(923·7)	6·5	(17·6)	5·3	(10·5)	83	(37)	1·6	(1·6)
JUN	930·5	929·4	5·6	19·9	3·7	11·2	72	29	1·1	0·8
JUL	930·7	929·1	4·7	19·5	2·5	10·7	67	28	1·4	0·9
AUG	930·5	928·5	6·2	21·6	3·2	11·0	58	20	0·6	0·5
SEP	927·8	925·9	10·7	26·3	5·5	12·6	40	13	0·9	0·6
OCT	925·1	922·7	15·0	27·2	9·5	13·9	46	16	2·3	1·9
NOV	923·4	(921·4)	21·1	(32·5)	13·1	(16·2)	35	(13)	0·9	(1·1)
DEC	922·6	(920·6)	22·6	(31·9)	14·7	(17·4)	39	(19)	1·2	(1·4)
J/Y	927·7	(925·4)	14·0	(26·5)	9·1	(14·2)	53	(21)	1·3	(1·3)

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	33·9	18·1	25·0	-1·5	40·0	31	10·8	12	24·2	12	25·8	23	7·8	7·5	23
FEB	35·1	20·1	27·6	1·1	40·6	4	15·7	20	25·9	14	26·9	5	24·8	24·8	12
MAR	32·1	16·4	24·3	0·2	37·0	23	8·4	18	20·8	17	23·0	3	6·5	6·5	17
APR	27·0	11·7	19·3	-0·7	34·7	14	3·6	30	13·0	29	20·7	1	5·9	3·5	27
MAY	18·7	5·4	12·1	-2·8	25·3	5	1·8	29	11·8	15	9·8	21	30·2	20·3	11
JUN	21·0	5·0	13·0	1·2	25·4	5	-0·3	26	13·4	24	14·4	6	6·7	6·5	5
JUL	20·2	4·0	12·1	1·2	25·4	29	-1·5	25	10·9	4	12·6	3	0·0	0·0	-
AUG	22·0	5·1	13·5	0·0	29·4	28	-1·1	6	12·2	16	14·7	12	1·5	1·5	16
SEP	27·4	8·1	17·7	1·2	35·9	29	1·2	14	15·8	12	18·0	20	0·0	0·0	-
OCT	28·0	11·3	19·7	-0·8	36·9	26	3·2	6	15·2	4	15·9	17	0·4	0·4	19
NOV	33·4	16·1	24·7	1·7	38·6	22	6·2	1	21·0	1	23·9	17	0·8	0·4	22
DEC	33·7	18·4	26·1	-0·2	39·9	31	11·5	5	-	-	25·7	1	6·3	6·3	3
J/Y	27·7	11·6	19·7	0·1	40·6	-	-1·5	-	10·9	-	26·9	-	90·9	24·8	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☔	▲	✱	≡
JAN	2	1	0	0	14	26	0	0	0	0	0	8	-	-	-	-
FEB	1	1	1	0	17	25	0	0	0	0	0	11	1	0	0	0
MAR	1	1	0	0	7	-	0	0	0	0	0	3	5	0	0	0
APR	3	2	0	0	0	12	3	0	0	0	1	1	2	0	0	0
MAY	5	3	1	0	0	0	10	0	0	0	14	0	2	1	0	0
JUN	2	1	0	0	0	0	7	0	0	2	14	0	1	0	0	0
JUL	0	0	0	0	0	0	8	0	0	5	17	0	0	0	0	0
AUG	1	1	0	0	0	0	8	0	0	3	14	0	1	0	0	0
SEP	0	0	0	0	1	13	2	0	0	0	9	0	0	0	0	0
OCT	1	0	0	0	4	13	1	0	0	0	2	0	0	0	0	0
NOV	2	0	0	0	11	25	0	0	0	0	0	4	4	0	0	0
DEC	1	1	0	0	-	-	0	0	0	0	0	-	2	0	0	0
J/Y	19	11	2	0	-	-	39	0	0	10	71	-	-	-	-	-

253/363 BOEGOEBERGDAM IRR Ø29°03'S P BY/AT -GPM HT 1·2M 46
X22°13'E H 891M HR 1·2M 46

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	23·1	32·5	16·3	17·8	47	19	1·2	1·4
FEB	-	-	24·0	32·9	17·9	20·3	53	29	1·2	2·2
MAR	-	-	21·0	31·2	15·1	18·0	51	23	0·9	1·3
APR	-	-	15·9	26·6	11·8	15·5	60	26	1·3	1·3
MAY	-	-	9·1	17·9	7·2	11·0	76	39	0·9	1·3
JUN	-	-	6·9	20·3	4·5	11·1	67	27	0·8	0·4
JUL	-	-	7·6	19·1	5·2	10·9	68	31	1·6	1·3
AUG	-	-	8·6	21·4	4·7	10·7	51	20	0·7	0·5
SEP	-	-	13·2	26·4	6·9	12·5	34	12	0·3	0·6
OCT	-	-	18·0	27·6	11·5	14·3	42	17	1·6	1·4
NOV	-	-	23·3	32·6	15·0	17·1	38	16	0·9	1·2
DEC	-	-	24·1	31·9	16·8	18·9	45	25	1·1	1·5
J/Y	-	-	16·2	26·7	11·1	14·8	53	24	1·0	1·2

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	34·2	18·8	26·5	-1·3	38·8	31	11·4	12	24·5	13	24·5	31	21·1	19·3	27
FEB	34·3	20·8	27·5	0·5	40·2	4	17·5	18	23·5	15	26·8	5	33·8	23·5	12
MAR	32·4	17·9	25·1	1·1	37·0	24	10·4	18	21·5	18	22·5	31	7·8	7·2	3
APR	27·4	13·1	20·3	0·3	34·5	14	5·5	30	11·5	29	21·2	2	13·2	3·5	28
MAY	19·0	6·9	12·9	-2·4	25·0	9	3·6	26	11·2	21	12·0	20	45·0	16·0	11
JUN	20·9	5·0	12·9	0·5	23·5	18	0·4	25	13·4	24	12·0	7	1·3	1·3	6
JUL	19·9	5·7	12·8	0·8	24·0	26	0·5	26	11·2	4	13·0	7	36·0	36·0	4
AUG	22·1	6·3	14·2	-0·3	29·4	28	0·7	8	13·4	16	13·8	14	4·3	4·3	16
SEP	27·7	9·6	18·7	1·1	35·5	29	3·0	1	16·0	12	22·0	30	0·0	0·0	-
OCT	28·5	13·1	20·8	-0·7	36·8	15	4·5	5	16·6	4	18·5	26	18·1	16·0	8
NOV	33·7	18·0	25·9	2·1	38·4	26	8·3	1	21·5	1	25·0	23	11·0	11·0	17
DEC	34·0	19·3	26·7	0·3	40·2	31	12·6	4	22·8	12	25·4	1	9·0	6·5	12
J/Y	27·8	12·9	20·3	0·1	40·2	-	0·4	-	11·2	-	26·8	-	200·6	36·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☔	▲	✱	≡
JAN	-	2	1	0	16	27	0	0	0	0	0	13	0	0	0	0
FEB	-	4	1	0	16	24	0	0	0	0	0	13	0	0	0	0
MAR	-	1	0	0	8	24	0	0	0	0	0	9	-	-	-	-
APR	-	5	0	0	0	12	2	0	0	0	0	1	-	-	-	-
MAY	-	3	3	0	0	0	12	0	0	0	4	0	-	-	-	-
JUN	-	1	0	0	0	0	6	0	0	0	12	0	0	0	0	0
JUL	-	1	1	1	0	0	6	0	0	0	13	0	-	0	0	0
AUG	-	1	0	0	0	0	7	0	0	0	11	0	0	0	0	0
SEP	-	0	0	0	2	12	1	0	0	0	5	1	0	0	0	0
OCT	-	2	1	0	5	14	1	0	0	0	1	0	0	0	0	0
NOV	-	1	1	0	12	27	0	0	0	0	0	9	0	0	0	0
DEC	-	3	0	0	-	-	0	0	0	0	0	-	-	-	-	-
J/Y	-	24	8	1	-	-	35	0	0	0	46	-	-	-	-	-

GEMIDDELDE LUGDRUK
GEMIDDELDE DROEBOL TEMP
GEMIDDELDE NATBOL TEMP
GEMIDDELDE RELATIEWE VOG
GEM WOLKSHOEVEELHEID
GEMIDDELDE MAKSIMUM TEMP
GEMIDDELDE MINIMUM TEMP
GEM TX + TN / 2
AFWYKING VAN DIE NORMAAL
HOOGTE VAN STASIE

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REËNVAL
RX MAKSIMUM REËNVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REËNMETER
HA HOOGTE VAN ANEMOGRAAF

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

☔ THUNDER
▲ HAIL
✱ SNOW
≡ FOG
D DATE
% PERCENTAGE

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

258/157 RIETRIVIER AGRIC

Ø29°07'S P BY/AT -GPM HT 1·2 47
X24°36'E H 1140M HR 1·2M 47

% DONDER
▲ HAEL
✱ SNEEU
≡ MIS
D DATUM
& PERSENTASIE

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN & 08	U IN & 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	20·7	28·6	15·3	17·1	56	29	2·1	3·3
FEB	-	-	20·5	29·3	16·9	19·4	70	38	2·4	3·4
MAR	-	-	18·2	28·6	-	-	-	-	2·2	2·8
APR	-	-	13·8	24·5	11·0	15·3	71	35	2·2	2·9
MAY	-	-	7·4	17·0	-	-	-	-	3·0	2·3
JUN	-	-	3·6	18·3	2·0	10·3	76	33	1·3	1·2
JUL	-	-	5·3	17·8	3·6	10·0	76	34	1·6	1·9
AUG	-	-	5·9	19·8	2·9	10·2	60	25	0·6	0·5
SEP	-	-	12·3	25·1	-	-	-	-	1·1	0·9
OCT	-	-	16·6	26·2	-	-	-	-	2·6	3·1
NOV	-	-	20·3	28·4	-	-	-	-	2·1	3·0
DEC	-	-	21·2	26·9	-	-	-	-	2·0	3·1
J/Y	-	-	13·8	24·2	-	-	-	-	1·9	2·4

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	30·7	14·4	22·5	-	35·8	22	4·4	13	21·3	12	22·9	23	47·2	19·7	7
FEB	30·6	15·9	23·3	-	34·5	27	9·6	21	21·3	14	19·6	12	119·3	46·0	12
MAR	29·4	13·0	21·2	-	34·2	28	4·7	19	17·8	18	18·5	2	25·0	16·3	17
APR	25·6	8·9	17·3	-	31·0	2	1·0	9	10·4	30	15·3	17	60·0	22·5	28
MAY	17·8	4·1	10·9	-	24·0	6	-0·9	26	7·5	16	12·6	12	75·6	37·2	12
JUN	18·9	0·6	9·7	-	22·8	23	-5·3	25	11·4	9	9·3	7	0·5	0·5	7
JUL	18·5	1·7	10·1	-	22·8	12	-2·3	15	9·3	13	9·9	8	5·2	2·0	13
AUG	20·6	0·7	10·7	-	28·7	29	-3·6	8	9·7	16	9·2	15	0·0	0·0	-
SEP	26·0	4·7	15·3	-	33·4	29	-3·3	1	15·6	1	17·0	30	0·0	0·0	-
OCT	27·5	10·3	18·9	-	36·5	16	-0·6	5	14·5	5	17·2	27	25·5	24·0	20
NOV	29·7	13·6	21·7	-	34·8	27	6·6	2	20·0	1	20·0	30	47·6	22·5	8
DEC	29·0	15·2	22·1	-	35·0	30	10·2	5	20·3	12	19·4	1	83·4	37·5	3
J/Y	25·4	8·6	17·0	-	36·5	-	-5·3	-	7·5	-	22·9	-	489·3	46·0	-

GEMIDDELDE LUGDRUK
GEMIDDELDE DROEBOL TEMP
GEMIDDELDE NATBOL TEMP
GEMIDDELDE RELATIEWE VOG
GEM WOLKSHOEVEELHEID
GEMIDDELDE MAKSIMUM TEMP
GEMIDDELDE MINIMUM TEMP
TX + TN / 2
AFWYKING VAN DIE NORMAAL
HOOGTE VAN STASIE

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	℞	▲	✱	≡
JAN	7	6	2	0	3	19	0	0	0	0	1	2	6	0	0	0
FEB	10	8	3	2	0	18	0	0	0	0	0	0	7	0	0	0
MAR	7	4	1	0	0	14	0	0	0	0	1	0	5	0	0	0
APR	7	4	2	0	0	4	2	0	0	0	4	0	4	1	0	0
MAY	6	6	3	1	0	0	13	1	0	1	22	0	2	0	0	0
JUN	1	0	0	0	0	0	7	0	2	11	29	0	0	0	0	0
JUL	6	2	0	0	0	0	8	2	0	10	27	0	0	0	0	0
AUG	0	0	0	0	0	0	10	1	4	13	30	0	1	0	0	0
SEP	0	0	0	0	0	6	2	0	2	6	16	0	0	0	0	0
OCT	4	1	1	0	3	13	2	0	0	2	5	0	3	1	0	0
NOV	6	5	2	0	0	18	0	0	0	0	0	0	6	0	0	0
DEC	9	7	3	1	0	15	0	0	0	0	0	0	10	0	0	0
J/Y	63	43	17	4	6	107	44	4	8	43	135	2	44	2	0	0

P
T
T'
U
N
TX
TN
TM
ΔTM
H

263/786 MOODERPOORT

Ø29°06'S P BY/AT -GPM HT 1·2M 37
X27°27'E H 1610M HR 1·2M 37

% THUNDER
▲ HAIL
✱ SNOW
≡ FOG
D DATE
& PERCENTAGE

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN & 08	U IN & 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	17·6	25·1	13·6	16·1	64	37	3·1	3·8
FEB	-	-	18·0	25·9	15·0	17·4	73	42	2·6	4·3
MAR	-	-	15·8	26·1	12·7	16·0	70	33	2·2	3·2
APR	-	-	12·8	23·2	10·3	14·3	73	35	2·4	3·5
MAY	-	-	6·3	16·0	5·1	9·8	84	43	3·0	3·3
JUN	-	-	3·5	17·7	1·6	9·4	71	30	0·7	1·4
JUL	-	-	3·4	15·1	2·5	8·7	86	40	1·6	1·6
AUG	-	-	5·0	18·3	2·3	8·7	82	22	0·8	1·2
SEP	-	-	10·7	22·9	6·6	12·1	54	18	1·6	1·9
OCT	-	-	15·4	23·3	10·7	13·3	55	29	3·1	4·1
NOV	-	-	18·1	24·5	13·9	15·4	62	36	2·9	4·4
DEC	-	-	18·8	24·2	14·9	16·4	66	43	3·0	3·8
J/Y	-	-	12·1	21·9	9·1	13·1	68	34	2·3	3·0

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	26·9	11·0	18·9	-	33·2	22	3·4	14	17·0	24	14·6	20	107·3	31·0	7
FEB	27·5	12·0	19·7	-	33·6	27	7·1	21	20·9	13	16·9	11	48·0	16·2	15
MAR	26·9	9·9	18·4	-	32·1	29	1·8	19	18·2	18	14·5	8	78·4	23·5	7
APR	24·3	7·7	16·0	-	29·6	2	-0·2	9	9·1	30	13·1	21	128·6	34·0	29
MAY	16·9	2·0	9·5	-	22·0	30	-1·9	2	7·0	16	9·5	11	75·7	33·5	12
JUN	18·5	-0·6	8·9	-	21·0	2	-4·5	5	10·6	9	7·6	7	3·0	3·0	7
JUL	16·3	0·6	8·5	-	20·0	12	-2·4	16	-	-	-	-	58·4	31·2	14
AUG	19·1	-0·3	9·4	-	25·1	29	-2·1	9	10·5	16	2·8	30	0·0	0·0	-
SEP	23·6	3·9	13·7	-	30·8	29	-4·3	2	13·0	13	13·5	30	9·0	9·0	13
OCT	24·3	7·9	16·1	-	32·1	17	-2·6	6	12·7	5	14·7	18	67·9	23·3	19
NOV	26·0	9·6	17·8	-	33·3	27	1·1	2	16·1	8	14·8	30	94·7	34·5	8
DEC	25·8	11·1	18·5	-	30·7	16	6·8	5	20·0	4	15·1	17	167·9	49·8	3
J/Y	23·0	6·2	14·6	-	33·6	-	-4·5	-	-	-	16·9	-	838·9	49·8	-

MEAN PRESSURE
MEAN DRY BULB TEMP
MEAN WET BULB TEMP
MEAN RELATIVE HUMIDITY
MEAN CLOUD AMOUNT
MEAN MAXIMUM TEMP
MEAN MINIMUM TEMP
TX + TN / 2
DEVIATION FROM NORMAL
HEIGHT OF STATION

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	℞	▲	✱	≡
JAN	12	9	3	2	0	8	1	0	0	0	3	0	11	2	0	0
FEB	8	7	2	0	0	5	0	0	0	0	0	0	8	0	0	0
MAR	11	10	3	0	0	5	0	0	0	0	3	0	12	1	0	0
APR	8	8	5	3	0	0	2	1	0	1	5	0	7	1	1	0
MAY	7	7	3	1	0	0	12	2	0	6	27	0	5	2	0	0
JUN	1	1	0	0	0	0	5	0	2	23	28	0	0	0	0	0
JUL	4	3	2	1	0	0	-	-	0	-	-	-	1	0	0	0
AUG	0	0	0	0	0	0	6	0	0	18	31	0	0	0	0	0
SEP	1	1	0	0	0	1	3	0	1	6	18	0	0	0	1	0
OCT	8	5	3	0	0	3	4	0	1	2	9	0	7	2	1	0
NOV	9	7	4	1	0	3	1	0	0	0	2	0	12	3	0	0
DEC	11	10	5	3	0	3	0	0	0	0	0	0	10	2	0	0
J/Y	80	68	30	11	0	28	-	-	4	-	-	-	73	13	3	0

P
T
T'
U
N
TX
TN
TM
ΔTM
H

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

263/859 MASERU BAS φ29°19'S P BY/AT 1500GPM HT 1·2M 49
λ27°29'E H 1528M HR 1·2M 49

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	17·8	24·8	13·7	15·8	63	37	3·1	4·1
FEB	853·4	851·8	17·9	25·5	15·0	17·1	73	42	2·6	4·5
MAR	855·6	854·0	15·8	24·7	13·2	15·4	75	35	2·4	3·9
APR	855·5	853·4	12·5	22·8	10·4	14·2	77	36	2·5	3·6
MAY	853·3	852·1	5·6	15·7	4·8	9·9	88	45	3·1	3·4
JUN	858·9	857·8	1·0	16·8	0·0	8·2	83	26	1·4	1·6
JUL	859·9	858·7	3·4	15·0	2·3	8·3	83	37	2·4	2·6
AUG	858·7	856·5	2·5	17·7	0·7	7·9	71	19	0·5	1·0
SEP	857·6	855·2	8·7	22·0	5·3	10·8	58	20	2·0	2·2
OCT	854·8	852·6	15·1	22·6	10·5	12·9	55	29	2·7	4·5
NOV	854·5	852·5	17·3	24·2	13·3	14·9	64	34	2·9	5·0
DEC	853·5	851·9	18·1	23·5	14·6	16·2	68	46	3·7	4·9
J/Y	-	-	11·3	21·3	8·7	12·6	71	34	2·4	3·4

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	26·7	12·1	19·4	-	32·0	22	3·0	14	18·7	24	17·0	23	79·4	21·5	27
FEB	26·8	12·8	19·8	-	32·3	27	7·5	21	20·0	13	17·5	11	51·1	25·0	15
MAR	26·1	10·1	18·1	-	31·6	29	2·0	19	17·3	18	14·5	4	69·7	24·3	17
APR	23·7	7·0	15·3	-	28·9	2	-0·3	10	9·5	30	12·2	3	95·2	33·3	29
MAY	16·5	1·8	9·1	-	22·3	30	-2·0	2	6·0	16	8·5	11	52·0	19·3	12
JUN	17·4	-2·8	7·3	-	21·1	2	-6·5	5	10·7	9	6·4	7	0·4	0·4	8
JUL	15·9	0·9	8·4	-	19·5	12	-3·0	31	8·9	18	7·9	13	48·8	28·6	13
AUG	18·2	-1·5	8·3	-	24·9	29	-3·8	9	10·0	16	4·0	15	0·2	0·2	2
SEP	23·0	3·2	13·1	-	29·8	28	-6·4	2	13·3	13	15·2	30	4·5	4·5	13
OCT	23·8	8·8	16·3	-	31·8	17	-3·4	5	12·7	5	15·6	27	65·8	24·5	19
NOV	25·7	11·3	18·5	-	33·0	27	3·5	2	16·8	8	15·5	6	86·9	36·2	8
DEC	25·3	12·9	19·1	-	30·8	16	8·7	5	19·4	8	16·4	17	141·2	46·5	3
J/Y	22·4	6·4	14·4	-	33·0	-	-6·5	-	6·0	-	17·5	-	695·2	46·5	-

1959	AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ☒	▲	✕	≡
JAN	11	10	2	0	0	9	0	0	0	0	2	0	5	0	0	0
FEB	7	7	1	1	0	4	0	0	0	0	0	0	4	0	0	0
MAR	9	8	3	0	0	2	1	0	0	0	4	0	7	0	0	0
APR	8	8	4	1	0	0	2	1	0	1	7	0	4	0	0	0
MAY	10	7	2	0	0	0	18	2	0	9	27	0	-	0	-	0
JUN	1	0	0	0	0	0	11	0	21	26	27	0	-	0	0	0
JUL	4	3	2	1	0	0	21	2	2	13	28	0	0	0	0	0
AUG	1	0	0	0	0	0	12	0	8	25	31	0	0	0	0	0
SEP	1	1	0	0	0	0	3	0	4	8	17	0	0	0	1	0
OCT	7	7	4	0	0	3	4	0	1	3	7	0	5	0	0	0
NOV	8	5	3	2	0	2	1	0	0	0	1	0	8	0	0	0
DEC	10	10	4	2	0	2	0	0	0	0	0	0	2	0	0	0
J/Y	77	66	25	7	0	22	73	5	36	85	151	0	-	0	-	0

264/399 TEYATEYANENG BAS φ29°09'S P BY/AT -GPW HT 1·2M 39
λ27°44'E H 1753M HR 1·2M 39

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	(17·7)	(23·5)	(14·4)	(15·6)	(70)	(42)	(4·4)	(5·2)
FEB	-	-	18·4	23·8	14·9	16·0	69	43	2·6	5·0
MAR	-	-	16·6	23·3	13·1	14·7	67	38	2·5	3·9
APR	-	-	13·8	22·0	10·4	13·3	65	35	2·7	3·3
MAY	-	-	7·2	14·4	5·4	9·0	76	47	3·5	4·1
JUN	-	-	6·2	15·9	3·2	7·4	60	25	1·1	1·4
JUL	-	-	7·2	14·1	-	8·0	-	40	2·3	2·8
AUG	-	-	7·5	17·1	-	7·6	-	20	0·8	0·7
SEP	-	-	13·0	21·4	-	11·8	-	28	1·1	1·6
OCT	-	-	16·2	22·1	-	-	-	-	1·9	2·5
NOV	-	-	17·6	22·3	-	-	-	-	1·9	(3·0)
DEC	-	-	(18·0)	(22·9)	(15·0)	(16·6)	(73)	(52)	(2·6)	(3·8)
J/Y	-	-	(13·3)	(20·2)	-	-	-	-	(2·3)	(3·1)

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	(26·0)	-	-	-	36·5	22	-	-	17·0	24	-	-	160·0	32·5	27
FEB	26·2	-	-	-	30·5	27	-	-	20·6	13	-	-	91·5	40·5	15
MAR	25·1	-	-	-	29·5	29	-	-	17·3	18	-	-	79·0	28·5	17
APR	23·2	-	-	-	27·6	2	-	-	8·0	30	-	-	112·5	41·0	29
MAY	16·0	3·9	9·9	-	21·2	10	0·0	2	6·5	16	9·5	12	90·0	35·0	12
JUN	17·1	-	-	-	19·5	6	-	-	11·0	9	-	-	2·0	2·0	2
JUL	15·4	3·1	9·3	-	19·6	12	-5·0	15	7·0	18	7·5	13	52·2	26·5	16
AUG	18·1	3·3	10·7	-	22·5	28	-6·5	18	11·0	7	7·0	30	0·0	0·0	-
SEP	22·5	7·2	14·9	-	29·5	29	1·3	3	12·5	13	16·9	30	6·0	6·0	13
OCT	24·0	10·4	17·2	-	30·5	16	-2·5	5	16·0	27	-	-	57·5	18·5	19
NOV	25·6	11·4	18·5	-	32·0	27	4·0	2	-	-	-	-	33·0	17·0	17
DEC	(24·9)	12·6	(18·7)	-	30·0	15	8·5	5	-	-	-	-	179·3	51·0	12
J/Y	(22·0)	-	-	-	36·5	-	-	-	6·5	-	-	-	863·0	51·0	-

1959	AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ☒	▲	✕	≡
JAN	-	12	7	1	-	-	-	0	-	-	-	-	-	-	-	-
FEB	-	8	4	1	0	3	0	0	-	-	-	-	0	0	0	-
MAR	-	8	3	1	0	0	1	0	-	-	-	-	1	0	0	0
APR	-	7	4	2	0	0	2	1	-	-	-	-	-	0	0	0
MAY	-	8	3	1	0	0	18	2	0	0	20	0	-	0	0	0
JUN	-	1	0	0	0	0	16	0	-	-	-	-	-	-	-	-
JUL	-	2	2	2	0	0	24	2	2	2	26	0	0	0	0	0
AUG	-	0	0	0	0	0	10	0	2	2	22	0	0	0	0	0
SEP	-	1	0	0	0	0	-	0	0	0	-	0	0	0	0	0
OCT	-	4	1	0	0	2	-	0	0	-	-	0	-	-	-	-
NOV	-	3	2	0	0	-	-	-	0	0	-	-	0	0	0	0
DEC	-	11	4	4	0	0	-	-	0	0	0	-	0	0	0	0
J/Y	-	65	30	12	-	-	-	-	-	-	-	-	-	-	-	-

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

265/148 LIKALANENG BAS φ29°28'S P BY/AT -GPM HT 1·2M 52
λ28°05'E H 2134M HR 1·2M 52

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	14·4	19·5	11·1	-	68	-	3·8	4·5
FEB	-	-	15·2	20·7	12·3	-	72	-	2·6	5·6
MAR	-	-	12·9	19·9	10·8	-	78	-	3·1	5·0
APR	-	-	10·8	17·5	-	-	-	-	2·8	2·4
MAY	-	-	4·1	11·0	2·1	-	71	-	3·3	3·2
JUN	-	-	0·5	13·7	-1·1	-	74	-	1·0	1·1
JUL	-	-	0·3	11·5	-1·1	-	78	-	1·9	2·7
AUG	-	-	1·9	13·6	-0·8	-	60	-	0·6	0·6
SEP	-	-	8·4	17·6	4·6	-	56	-	1·2	2·6
OCT	-	-	11·9	17·2	8·4	-	62	-	3·4	4·8
NOV	-	-	14·0	18·3	10·9	-	69	-	4·3	6·1
DEC	-	-	15·8	19·0	15·2	-	76	-	3·3	5·1
J/Y	-	-	9·2	16·6	-	-	-	-	2·6	3·6

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	21·1	7·4	14·5	-	25·0	22	-0·5	14	15·6	24	13·2	2	131·3	25·5	27
FEB	22·2	8·8	15·5	-	25·9	27	5·2	27	17·5	13	12·0	17	111·7	41·0	6
MAR	21·5	6·5	14·0	-	26·6	25	-0·5	19	14·5	18	11·5	8	82·5	24·0	17
APR	19·1	3·7	11·4	-	29·9	2	-3·0	30	2·5	30	8·5	3	155·0	62·0	29
MAY	12·7	-0·4	6·1	-	19·5	18	-6·0	19	2·6	3	8·5	7	150·5	40·5	17
JUN	14·9	-3·0	5·9	-	19·2	21	-10·6	30	9·5	8	7·5	2	8·0	8·0	7
JUL	12·3	-3·8	4·3	-	17·5	21	-10·6	11	4·5	18	3·5	13	111·0	47·0	13
AUG	14·5	-	-	-	19·5	24	-	-	2·6	31	-	-	0·0	0·0	-
SEP	18·8	4·3	11·5	-	25·5	29	-6·5	2	6·9	13	11·2	30	12·0	12·0	12
OCT	18·5	6·1	12·3	-	25·0	16	-1·4	5	7·5	3	14·5	2	128·2	30·0	19
NOV	20·9	6·6	13·7	-	26·0	27	0·0	2	15·6	1	9·9	29	118·5	36·0	8
DEC	21·0	7·9	14·5	-	25·0	15	2·5	5	15·6	4	12·6	17	153·0	42·5	3
J/Y	18·1	-	-	-	29·9	-	-	-	2·5	-	14·5	-	1161·7	62·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☈	▲	✱	≡
JAN	-	15	5	1	0	0	5	0	0	1	5	0	10	1	0	0
FEB	-	8	3	2	0	0	0	0	0	0	0	0	9	1	0	3
MAR	-	9	1	0	0	0	3	0	0	2	9	0	14	0	0	-
APR	-	8	5	1	0	0	7	1	1	3	18	0	-	-	-	-
MAY	-	9	4	2	0	0	29	6	9	22	26	0	1	0	5	0
JUN	-	1	0	0	0	0	-	2	-	24	28	0	0	0	0	0
JUL	-	4	3	3	0	0	30	-	19	27	31	0	0	0	1	0
AUG	-	0	0	0	0	0	-	1	-	-	-	-	0	0	2	0
SEP	-	1	1	0	0	0	7	2	4	5	15	0	-	-	1	0
OCT	-	10	6	2	0	0	11	2	0	2	-	0	10	5	0	0
NOV	-	9	5	2	0	0	-	0	0	0	8	0	0	0	0	0
DEC	-	8	6	2	0	0	-	0	0	0	2	0	12	0	0	0
J/Y	-	82	39	15	0	0	-	-	-	-	-	-	-	-	-	-

270/282 MISTLEY φ29°12'S P BY/AT -GPM HT 1·2M 41
λ30°40'E H 975M HR 1·2M 41

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	17·7	(21·3)	15·9	(17·5)	83	(68)	4·8	(5·4)
FEB	-	-	17·9	(22·9)	16·5	(19·2)	87	(70)	4·9	(4·3)
MAR	-	-	16·9	(24·1)	15·3	(18·3)	84	(55)	3·6	(3·8)
APR	-	-	15·5	(22·9)	13·7	(16·5)	82	(50)	3·6	(3·0)
MAY	-	-	11·4	(19·7)	8·9	(13·6)	71	(48)	2·7	(1·8)
JUN	-	-	9·2	(18·2)	6·5	(11·2)	66	(38)	0·9	(2·1)
JUL	-	-	9·3	18·6	7·0	11·5	72	38	1·9	1·9
AUG	-	-	10·4	(19·3)	7·6	(11·2)	67	(33)	2·1	(2·0)
SEP	-	-	13·9	(21·5)	10·6	(13·8)	65	(39)	2·4	(2·6)
OCT	-	-	15·5	(22·6)	-	-	-	-	4·1	(3·9)
NOV	-	-	15·6	(19·2)	-	-	-	-	5·6	(6·1)
DEC	-	-	17·3	(21·2)	15·6	(17·6)	84	(69)	5·0	(6·3)
J/Y	-	-	14·2	(21·0)	-	-	-	-	3·5	(3·6)

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	23·9	12·8	18·3	-0·8	31·5	27	5·0	14	-	-	18·0	28	111·0	24·5	8
FEB	25·0	13·8	19·4	0·1	33·5	5	9·5	21	16·5	20	16·5	3	186·9	68·0	15
MAR	-	13·3	-	-	-	-	7·5	19	-	-	18·5	29	39·2	15·5	4
APR	(24·1)	11·8	(17·9)	(1·2)	-	-	8·0	22	12·5	22	15·5	3	50·8	14·0	29
MAY	19·6	7·2	13·4	-0·7	25·5	10	3·0	23	9·6	16	13·5	11	190·0	84·0	17
JUN	20·2	5·5	12·9	1·2	25·0	21	1·5	12	14·0	9	10·0	1	0·0	0·0	-
JUL	18·9	5·8	12·3	0·6	23·5	7	2·0	18	14·0	17	10·0	14	10·1	7·0	8
AUG	19·9	6·0	12·9	-0·6	28·5	29	1·0	31	6·5	31	10·5	30	27·3	14·5	31
SEP	22·9	7·6	15·3	-0·2	33·0	30	-1·0	1	-	-	14·0	30	28·3	14·5	12
OCT	22·7	10·6	16·7	-0·1	34·0	1	2·5	6	10·5	19	-	-	124·7	24·5	19
NOV	21·5	12·5	17·0	-0·5	30·3	5	6·6	2	10·0	1	-	-	94·6	22·0	8
DEC	23·4	13·7	18·5	-0·4	33·2	16	9·4	3	14·5	18	17·1	22	141·1	33·0	10
J/Y	-	10·1	-	-	-	-	-1·0	-	-	-	-	-	1004·0	84·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	<20	☈	▲	✱	≡
JAN	19	17	4	0	0	-	-	0	0	0	0	0	4	0	0	0
FEB	9	9	4	2	0	2	-	0	0	0	0	0	2	0	0	0
MAR	11	8	1	0	-	-	-	-	0	0	0	0	1	1	0	0
APR	12	9	1	0	-	-	-	0	0	0	0	0	0	0	0	0
MAY	8	7	4	2	0	0	6	1	0	0	4	0	0	0	0	-
JUN	0	0	0	0	0	0	-	0	0	0	-	0	0	0	0	0
JUL	5	2	0	0	0	0	-	0	0	0	8	0	0	0	0	1
AUG	6	4	1	0	0	0	-	-	0	0	-	0	0	0	0	0
SEP	6	5	1	0	0	4	-	-	0	1	-	0	-	0	0	0
OCT	15	14	4	0	0	6	9	0	0	0	2	-	1	0	0	0
NOV	20	15	3	0	0	1	-	0	0	0	0	-	4	0	0	0
DEC	19	12	5	2	0	2	3	0	0	0	0	0	5	2	0	7
J/Y	130	102	28	6	-	-	-	-	0	1	-	-	-	3	0	-

136 874

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

293/597 GLEN KOLLEGE AGRIC φ28°57'S P BY/AT -GPM HT 1·2M 42
λ26°20'E H 1304M HR 1·2M 42

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	20·0	28·3	14·7	16·2	56	26	2·3	3·1
FEB	-	-	19·3	28·4	16·1	18·1	72	35	2·9	3·4
MAR	-	-	17·1	28·2	13·6	16·4	67	32	2·1	2·9
APR	-	-	13·2	25·0	10·6	14·5	72	29	1·8	2·8
MAY	-	-	6·6	17·7	5·5	10·7	85	39	2·5	2·4
JUN	-	-	1·4	18·8	0·8	10·2	90	30	1·0	1·1
JUL	-	-	4·3	17·4	3·1	10·1	82	37	2·0	1·9
AUG	-	-	4·1	19·2	1·3	9·2	59	21	0·8	0·5
SEP	-	-	11·5	24·7	6·4	11·6	45	14	0·7	1·3
OCT	-	-	17·3	25·8	11·1	13·8	45	22	2·5	3·4
NOV	-	-	19·8	27·5	14·5	16·1	56	28	2·0	3·1
DEC	-	-	20·3	26·5	15·8	17·0	62	37	2·3	4·0
J/Y	-	-	12·9	24·0	9·5	13·7	66	29	1·9	2·5

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	/ TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·6	13·5	21·5	-1·2	35·1	22	4·6	14	20·8	13	20·6	20	71·5	25·8	25
FEB	29·5	14·2	21·9	0·2	34·4	27	9·1	21	20·8	15	18·1	11	61·8	22·1	13
MAR	29·0	11·9	20·5	0·8	33·3	28	2·6	20	18·9	18	17·4	2	31·9	16·3	17
APR	25·8	8·3	17·1	1·4	31·6	2	0·0	9	10·7	30	14·1	28	69·5	22·5	28
MAY	18·3	3·1	10·7	-0·8	25·9	10	-2·2	26	7·0	16	12·1	11	34·0	11·4	12
JUN	19·0	-1·0	9·0	0·4	24·8	2	-6·2	25	12·3	9	7·8	7	0·6	0·6	7
JUL	17·8	1·4	9·6	1·5	22·8	12	-3·0	31	9·4	17	8·8	12	24·7	19·0	13
AUG	19·8	-1·2	9·3	-2·0	27·1	29	-5·0	17	10·5	16	4·1	15	0·0	0·0	-
SEP	25·6	3·7	14·7	0·2	32·4	29	-6·2	2	14·0	13	17·8	30	0·0	0·0	-
OCT	27·2	9·9	18·5	0·8	37·2	16	-1·6	5	14·4	5	18·0	27	53·6	35·8	20
NOV	28·7	12·6	20·7	0·6	35·8	27	4·5	2	21·5	1	17·8	29	68·7	28·8	8
DEC	28·3	14·0	21·1	-1·0	33·6	30	8·7	5	20·1	4	18·1	21	107·2	43·8	3
J/Y	24·9	7·5	16·2	0·1	37·2	-	-6·2	-	7·0	-	20·6	-	523·5	43·8	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF %	▲	X	≡
JAN	10	7	3	1	2	14	0	0	0	0	1	1	5	0	0	0
FEB	10	7	2	0	0	14	0	0	0	0	0	0	3	0	0	0
MAR	11	7	1	0	0	14	0	0	0	0	2	0	5	0	0	0
APR	9	6	4	0	0	5	1	0	0	0	6	0	4	1	0	0
MAY	17	6	2	0	0	0	11	1	0	7	23	0	2	0	0	0
JUN	1	0	0	0	0	0	6	0	8	22	29	0	0	0	0	0
JUL	8	2	1	0	0	0	9	2	1	14	25	0	0	0	0	0
AUG	0	0	0	0	0	0	6	0	6	24	31	0	0	0	0	0
SEP	0	0	0	0	0	5	2	0	4	8	18	0	0	0	0	0
OCT	5	4	1	1	2	10	2	0	0	2	7	0	1	1	0	0
NOV	7	4	4	1	1	12	0	0	0	0	1	0	4	0	0	0
DEC	15	9	4	1	0	12	0	0	0	0	0	0	8	0	0	0
J/Y	93	52	22	4	5	86	37	3	19	77	143	1	32	2	0	0

297/ 83 LERIBE BAS φ28°53'S P BY/AT -GPM HT 1·2M 56
λ28°03'E H 1737M HR 1·2M 56

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	16·5	24·3	13·4	16·0	70	41	3·5	0·7
FEB	-	-	17·1	25·9	14·8	17·3	78	41	2·7	3·4
MAR	-	-	15·7	25·0	13·1	15·8	74	36	2·1	3·1
APR	-	-	12·3	22·6	10·0	13·7	75	34	2·2	2·2
MAY	-	-	5·6	15·4	4·5	9·3	84	43	2·3	1·9
JUN	-	-	2·9	16·4	1·7	-	81	-	0·7	0·9
JUL	-	-	3·6	14·5	2·6	-	85	-	1·7	1·9
AUG	-	-	5·1	17·6	2·3	9·2	74	29	0·3	0·1
SEP	-	-	10·9	22·1	7·4	-	61	-	1·6	1·2
OCT	-	-	14·8	21·6	10·6	13·1	59	35	2·8	2·9
NOV	-	-	16·6	22·7	13·4	15·5	70	45	2·3	4·0
DEC	-	-	16·9	-	-	-	-	-	2·4	4·3
J/Y	-	-	11·5	-	-	-	-	-	2·1	2·2

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	/ TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	26·0	11·3	18·7	-	30·5	22	3·5	14	19·2	13	15·6	6	105·0	34·0	7
FEB	27·1	12·7	19·9	-	32·4	27	9·2	18	21·0	7	17·2	4	39·1	24·0	15
MAR	26·2	10·9	18·5	-	31·5	29	2·4	19	18·4	18	15·0	8	47·4	14·0	5
APR	23·7	7·4	15·5	-	29·6	2	0·0	9	9·2	30	12·0	22	85·5	27·0	28
MAY	16·2	2·3	9·3	-	21·8	30	-3·0	2	5·5	16	9·8	11	112·5	30·5	3
JUN	17·5	-0·6	8·5	-	20·8	2	-4·4	5	11·6	9	9·0	3	8·0	-	-
JUL	16·0	0·5	8·3	-	19·4	11	-2·6	16	8·0	18	6·4	14	46·0	17·0	17
AUG	18·6	-0·8	8·9	-	23·6	29	-4·6	17	-	-	-	-	0·0	0·0	-
SEP	23·1	4·1	13·6	-	30·2	29	-3·6	2	12·5	13	16·4	30	14·5	11·5	12
OCT	23·5	8·8	16·1	-	30·6	16	-3·4	6	13·0	3	15·0	17	87·2	28·0	19
NOV	25·0	11·2	18·1	-	31·6	27	6·2	3	16·5	8	16·8	6	117·5	43·5	18
DEC	25·2	12·0	18·6	-	30·5	16	7·0	5	19·2	6	18·6	16	151·5	36·5	2
J/Y	22·3	6·7	14·5	-	32·4	-	-4·6	-	-·	-	18·6	-	814·2	43·5	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF %	▲	X	≡
JAN	-	10	3	1	0	1	0	0	0	0	4	0	0	0	0	0
FEB	-	6	1	0	0	4	0	0	0	0	0	0	0	0	0	0
MAR	-	7	2	0	0	-	0	0	0	0	2	0	-	0	0	0
APR	-	6	3	1	0	0	2	1	0	0	4	0	-	0	1	0
MAY	-	6	5	2	0	0	-	-	1	7	27	0	0	0	3	0
JUN	-	-	0	0	0	0	-	0	-	-	-	0	-	-	-	-
JUL	-	4	3	0	0	0	20	2	2	13	29	0	0	0	4	0
AUG	-	0	0	0	0	0	-	0	-	-	-	0	0	0	0	0
SEP	-	2	1	0	0	1	3	0	2	4	16	0	0	0	2	0
OCT	-	6	4	1	0	2	5	0	1	2	9	0	0	0	2	0
NOV	7	7	4	2	0	1	1	0	0	0	0	0	0	0	0	0
DEC	-	10	4	3	0	1	0	0	0	0	0	0	3	0	0	0
J/Y	-	-	30	10	0	10	-	-	-	-	-	0	-	-	-	-

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

297/436 BUTHA-BUTHE BAS

Ø28°46'S P BY/AT -GPM HT 1·2M
λ28°15'E H 1768M HR 1·2M

% DONDER
▲ HAEL
✱ SNEEU
≡ MIS
D DATUM
% PERSENTASIE

TXX HOOGSTE WAKS TEMP
TNN LAAGSTE WIN TEMP
TXN LAAGSTE WAKS TEMP
TNX HOOGSTE WIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	15·8	23·8	13·0	15·9	73	43	4·1	4·8
FEB	-	-	15·9	25·0	13·3	16·9	75	43	1·9	3·2
MAR	-	-	13·5	23·9	11·6	15·7	80	41	1·6	3·2
APR	-	-	-	-	-	-	-	-	1·7	2·8
MAY	-	-	3·9	15·8	1·9	9·5	70	42	2·3	2·9
JUN	-	-	1·1	16·7	-0·2	7·8	79	23	0·6	0·7
JUL	-	-	2·0	14·6	1·2	7·9	87	36	1·9	2·1
AUG	-	-	1·7	17·0	0·1	8·2	76	25	0·2	0·8
SEP	-	-	9·4	21·3	5·8	10·5	57	21	1·3	1·4
OCT	-	-	14·6	21·4	10·9	13·5	63	39	2·3	3·0
NOV	-	-	16·5	22·0	12·8	14·4	65	42	2·2	3·2
DEC	-	-	17·7	22·6	14·4	16·6	70	54	2·2	2·7
J/Y	-	-	-	-	-	-	-	-	1·9	2·6

GEMIDDELDE LUGDRUK
P GEMIDDELDE DROEBOL TEMP
T GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE WAKSIMUM TEMP
TN GEMIDDELDE MIN(IMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	-	-	-	-	-	-	-	-	-	-	-	-	68·3	22·8	27
FEB	-	-	-	-	-	-	-	-	-	-	-	-	35·1	32·0	15
MAR	-	-	-	-	-	-	-	-	-	-	-	-	18·3	9·0	4
APR	-	-	-	-	-	-	-	-	-	-	-	-	(75·9)	28·5	29
MAY	-	-	-	-	-	-	-	-	-	-	-	-	120·0	25·4	11
JUN	17·5	-0·2	8·7	-	20·0	2	-3·5	5	12·5	9	8·5	3	6·0	6·0	7
JUL	16·1	0·4	8·3	-	20·2	25	-2·0	16	-	-	4·4	13	51·0	-	-
AUG	18·5	-0·4	9·1	-	22·5	24	-3·5	17	11·0	16	-	-	0·0	0·0	-
SEP	22·4	4·6	13·5	-	29·2	29	-4·0	2	-	-	13·5	30	8·5	8·5	12
OCT	22·7	8·8	15·7	-	30·0	17	-2·0	6	13·5	5	15·0	18	111·6	30·0	19
NOV	23·7	10·3	17·0	-	30·2	27	5·2	2	15·8	8	-	-	78·5	32·0	17
DEC	24·5	11·6	18·1	-	29·5	16	8·0	9	-	-	-	-	172·0	37·0	1
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	(745·2)	-	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF %	▲	✱	≡
JAN	-	9	2	0	-	-	-	-	-	-	-	-	5	0	0	0
FEB	-	3	1	1	-	-	-	-	-	-	-	-	2	0	0	0
MAR	-	4	0	0	-	-	-	-	-	-	-	-	7	0	0	0
APR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
MAY	-	7	5	2	-	-	-	-	-	-	-	-	2	0	0	0
JUN	-	1	0	0	0	0	12	0	1	19	26	0	-	-	-	-
JUL	-	-	-	0	0	0	-	-	0	-	31	0	0	0	0	0
AUG	-	0	0	0	0	0	-	0	2	16	-	0	0	0	0	0
SEP	-	1	0	0	0	0	-	-	3	3	-	-	3	-	-	-
OCT	-	6	4	2	0	0	5	0	0	2	7	0	8	0	0	0
NOV	-	6	3	1	0	1	-	0	0	0	0	-	3	0	0	0
DEC	-	10	6	3	0	0	-	-	0	0	0	-	6	0	0	0
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

298/193 OX-BDW BAS

Ø28°43'S P BY/AT -GPM HT 1·2M 44
λ28°37'E H 2590M HR 1·2M 44

% THUNDER
▲ HAIL
✱ SNOW
≡ FOG
D DATE
% PERCENTAGE

TXX HIGHEST WAX TEMP
TNN LOWEST WIN TEMP
TXN LOWEST WAX TEMP
TNX HIGHEST WIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	11·7	15·1	8·6	10·2	67	54	4·4	5·4
FEB	-	-	11·5	16·6	9·6	11·9	79	57	3·2	5·4
MAR	-	-	9·6	15·5	7·3	9·9	73	48	2·7	4·7
APR	-	-	7·0	12·9	4·8	7·8	72	50	3·5	4·3
MAY	-	-	1·7	7·0	-0·7	2·8	65	48	2·7	3·5
JUN	-	-	-2·2	10·1	-	3·4	-	28	1·5	1·9
JUL	-	-	2·7	6·9	-	-	-	-	2·0	2·9
AUG	-	-	2·4	9·6	-	-	-	-	0·6	1·1
SEP	-	-	5·6	13·5	-	6·2	-	30	1·4	2·7
OCT	-	-	8·9	12·7	6·7	7·6	59	46	3·3	4·7
NOV	-	-	11·1	13·8	7·6	9·6	62	59	3·6	5·5
DEC	-	-	12·4	14·6	9·2	10·6	67	61	3·6	5·4
J/Y	-	-	6·9	12·4	-	-	-	-	2·7	4·0

MEAN PRESSURE
P MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	16·2	5·9	11·1	-	20·0	22	-3·0	14	10·6	13	14·0	18	155·1	26·8	24
FEB	17·7	6·2	11·9	-	21·0	27	2·5	22	13·6	13	9·5	10	98·4	43·2	15
MAR	16·5	4·5	10·5	-	20·8	29	-4·0	19	11·0	18	9·5	31	107·9	37·6	17
APR	13·8	1·8	7·8	-	18·3	3	-5·1	30	-1·2	30	7·0	3	182·6	37·1	29
MAY	8·0	-2·2	2·9	-	12·0	10	-10·0	1	0·0	22	5·0	7	177·5	65·0	12
JUN	10·6	-4·5	3·1	-	16·0	21	-9·5	29	4·0	8	5·3	2	34·7	28·0	7
JUL	7·8	-6·1	0·9	-	14·4	2	-9·9	11	1·4	18	1·1	13	81·9	27·4	13
AUG	10·0	-6·5	1·7	-	15·7	24	-11·0	17	2·2	31	7·4	30	1·5	1·5	2
SEP	14·4	-2·0	6·2	-	20·7	29	-11·3	3	4·7	13	8·2	8	2·8	1·8	30
OCT	13·9	1·9	7·9	-	20·0	17	-10·8	6	3·4	3	7·7	30	194·2	47·5	9
NOV	15·5	3·8	9·7	-	20·7	27	-2·2	4	9·2	8	8·5	29	181·7	52·5	8
DEC	16·0	5·7	10·9	-	20·2	15	1·5	5	11·1	4	9·6	17	267·1	45·5	3
J/Y	13·4	0·7	7·1	-	21·0	-	-11·3	-	-1·2	-	14·0	-	1485·4	65·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF %	▲	✱	≡
JAN	-	16	6	1	0	0	19	0	1	2	10	0	16	0	0	0
FEB	-	10	2	1	0	0	10	0	0	0	9	0	13	0	0	0
MAR	-	12	4	1	0	0	19	0	1	3	18	0	11	2	0	1
APR	-	10	6	3	0	0	27	4	3	6	23	0	13	1	2	0
MAY	-	9	6	2	0	0	31	21	14	22	30	0	5	0	5	0
JUN	-	3	1	1	0	0	30	11	23	24	29	0	-	-	-	0
JUL	-	5	4	1	0	0	31	24	26	29	31	0	3	1	2	2
AUG	-	1	0	0	0	0	31	11	27	28	30	0	0	0	1	0
SEP	-	2	0	0	0	0	27	3	16	20	27	0	5	0	1	0
OCT	-	13	5	4	0	0	21	6	6	6	22	0	15	7	2	0
NOV	-	14	8	1	0	0	23	2	0	2	19	0	17	5	0	1
DEC	-	16	9	4	0	0	22	0	0	0	11	0	12	2	0	0
J/Y	-	111	51	19	0	0	291	82	117	142	259	0	-	-	-	4

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

300/483 LADYSMITH CON Ø28°33'S P BY/AT -GPM HT 1·2M 57
X29°47'E H 1061M HR 1·2M 57

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	20·1	27·6	17·1	20·7	73	52	5·5	4·5
FEB	-	-	19·9	28·4	17·7	20·5	80	47	4·7	3·5
MAR	-	-	19·0	29·1	15·9	18·8	72	34	3·5	2·0
APR	-	-	16·7	27·5	13·6	16·5	70	29	2·8	2·1
MAY	-	-	10·8	21·0	8·5	13·0	73	36	2·5	2·2
JUN	-	-	5·2	20·4	3·7	11·8	78	31	1·2	0·9
JUL	-	-	6·2	19·5	4·6	11·4	77	33	2·0	1·2
AUG	-	-	8·8	21·9	5·3	11·9	56	25	1·7	0·9
SEP	-	-	14·1	25·7	10·1	14·4	49	24	1·8	1·5
OCT	-	-	18·0	26·1	14·4	16·2	67	32	3·5	3·4
NOV	-	-	18·3	25·5	15·5	17·8	74	45	5·1	4·7
DEC	-	-	20·7	28·2	16·8	18·9	66	38	3·9	4·2
J/Y	-	-	14·8	25·1	11·9	16·0	70	35	3·2	2·6

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	28·9	15·7	22·3	-1·0	35·9	4	7·4	14	20·4	13	19·3	29	119·7	39·5	10
FEB	29·7	16·2	22·9	0·0	37·2	5	10·8	22	21·2	20	18·6	16	112·0	24·7	7
MAR	29·8	14·6	22·2	0·9	37·2	29	10·6	25	19·4	10	19·1	18	22·3	9·6	7
APR	28·2	12·8	20·5	1·7	35·2	3	7·4	10	13·6	22	17·4	14	42·3	22·5	29
MAY	21·8	6·8	14·3	-0·4	27·6	7	1·9	2	12·4	17	13·6	7	93·4	49·4	17
JUN	21·3	2·3	11·8	-0·1	26·0	2	-0·8	29	17·4	3	12·0	8	0·3	0·3	7
JUL	20·4	3·2	11·8	-0·1	23·8	7	-0·3	31	11·2	17	10·2	14	13·5	9·5	8
AUG	22·8	4·9	13·9	-1·3	30·5	30	0·1	4	12·2	31	13·4	30	1·8	1·3	31
SEP	26·4	8·8	17·6	-0·7	35·0	28	-0·6	2	11·4	13	14·8	29	5·3	3·5	13
OCT	27·2	12·8	20·0	-0·2	37·7	16	3·7	6	13·8	19	18·2	17	99·2	36·2	19
NOV	26·5	13·7	20·1	-1·6	36·4	27	7·3	4	12·6	2	19·0	27	88·1	21·7	8
DEC	29·3	15·9	22·6	-0·3	37·0	15	12·1	3	18·6	18	20·7	4	62·8	27·3	17
J/Y	26·0	10·6	18·3	-0·3	37·7	-	-0·8	-	11·2	-	20·7	-	660·7	49·4	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	▲	▲	✱	≡
JAN	14	11	3	2	1	13	0	0	0	0	0	0	13	0	0	0
FEB	14	10	5	0	1	14	0	0	0	0	0	0	8	0	0	0
MAR	10	5	0	0	3	17	0	0	0	0	0	0	5	0	0	0
APR	7	5	1	0	1	12	3	0	0	0	0	0	4	0	0	0
MAY	7	7	3	1	0	0	4	0	0	0	12	0	2	0	0	0
JUN	1	0	0	0	0	0	1	0	0	4	26	0	0	0	0	0
JUL	3	3	0	0	0	0	2	0	0	2	25	0	1	0	0	0
AUG	2	1	0	0	0	1	5	0	0	0	16	0	0	0	0	0
SEP	2	2	0	0	0	9	3	0	0	1	4	0	2	0	0	0
OCT	10	7	3	1	2	11	2	0	0	0	2	0	9	0	0	0
NOV	18	13	2	0	2	8	3	0	0	0	0	0	15	0	0	0
DEC	11	9	1	1	2	16	0	0	0	0	0	1	13	0	0	0
J/Y	99	73	18	5	12	101	23	0	0	7	85	1	72	0	0	0

312/417 WARMBAD SWA Ø28°27'S P BY/AT -GPM HT 1·2M 59
X18°44'E H 750M HR 1·2M 59

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	20·9	31·5	13·2	17·3	38	20	1·2	1·9
FEB	-	-	22·0	33·7	14·8	18·0	43	17	1·4	1·8
MAR	-	-	18·8	30·7	13·6	16·9	54	20	1·1	1·8
APR	-	-	13·9	25·1	9·6	14·2	55	25	2·3	1·7
MAY	-	-	7·6	18·5	5·6	10·2	73	29	2·3	1·8
JUN	-	-	7·6	21·9	5·0	11·5	65	22	1·2	1·3
JUL	-	-	4·9	19·7	2·2	9·7	60	20	0·7	0·8
AUG	-	-	7·2	21·5	3·7	10·7	53	19	0·4	1·0
SEP	-	-	11·8	26·8	5·8	12·2	35	10	0·5	0·3
OCT	-	-	14·7	25·0	9·5	12·8	48	18	0·8	1·0
NOV	-	-	20·1	31·4	12·7	15·6	39	13	0·3	0·6
DEC	-	-	21·4	31·6	13·6	16·7	38	17	0·5	0·4
J/Y	-	-	14·2	26·5	9·1	13·8	50	19	1·1	1·2

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	34·1	-	-	-	40·8	30	-	-	20·9	12	-	-	0·2	0·2	24
FEB	35·3	19·8	27·5	2·1	41·8	4	15·0	14	28·0	14	25·0	22	6·0	6·0	12
MAR	32·5	17·1	24·8	0·0	37·9	23	8·7	18	22·0	17	24·0	15	0·8	0·8	19
APR	27·7	12·7	20·2	0·4	37·6	1	6·0	30	14·4	30	19·9	2	12·4	5·5	19
MAY	19·5	6·5	13·0	-3·1	26·7	5	0·4	16	12·8	15	11·2	13	9·2	5·7	21
JUN	22·5	7·0	14·7	2·2	27·5	20	1·0	25	13·5	24	14·0	6	0·0	0·0	-
JUL	21·7	-	-	-	26·9	27	-	-	13·6	17	-	-	0·0	0·0	-
AUG	22·4	5·9	14·1	1·3	31·0	13	-2·6	8	12·5	8	13·5	11	0·0	0·0	-
SEP	28·0	9·5	18·7	2·2	37·5	29	1·5	13	16·0	13	20·5	29	0·0	0·0	-
OCT	26·8	11·6	19·2	-0·4	36·5	25	4·6	5	17·0	4	18·7	8	0·0	0·0	-
NOV	33·0	15·9	24·5	1·0	39·5	22	10·0	1	20·1	1	23·9	23	0·0	0·0	-
DEC	34·0	18·4	26·2	0·8	40·1	31	12·1	18	23·6	4	23·9	12	17·0	17·0	12
J/Y	28·1	-	-	-	41·8	-	-	-	12·5	-	-	-	45·6	17·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	▲	▲	✱	≡
JAN	1	0	0	0	14	27	0	0	-	-	-	-	1	0	0	0
FEB	1	1	0	0	15	27	0	0	0	0	0	9	1	0	0	0
MAR	1	0	0	0	6	24	0	0	0	0	0	6	0	0	0	0
APR	5	5	0	0	2	11	1	0	0	0	0	0	-	-	-	-
MAY	2	2	0	0	0	0	9	0	0	0	9	0	0	0	0	0
JUN	0	0	0	0	0	0	4	0	0	0	7	0	0	0	0	0
JUL	0	0	0	0	0	0	-	0	-	-	-	-	0	0	0	0
AUG	0	0	0	0	0	1	9	0	1	2	11	0	0	0	0	0
SEP	0	0	0	0	1	14	2	0	0	0	4	1	0	0	0	0
OCT	0	0	0	0	1	10	2	0	0	0	1	0	2	0	0	0
NOV	0	0	0	0	9	25	0	0	0	0	0	3	1	0	0	0
DEC	1	1	1	0	13	27	0	0	0	0	0	10	1	1	0	0
J/Y	11	9	1	0	61	166	-	0	-	-	-	-	-	-	-	-

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

317/447A UPINGTON AGRIC

Ø28°27'S P BY/AT -GPM HT 1·2M 60
X21°15'E H 793M HR 1·2M 60

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	21·5	32·0	15·6	17·6	52	20	1·7	2·7
FEB	-	-	22·6	32·7	17·6	19·5	60	25	2·0	3·4
MAR	-	-	19·1	31·0	14·8	17·6	62	22	1·9	2·4
APR	-	-	13·9	25·9	11·0	14·9	69	26	2·5	2·7
MAY	-	-	6·9	18·5	5·8	11·0	85	35	1·7	2·1
JUN	-	-	4·6	20·8	3·6	11·7	83	29	1·6	1·1
JUL	-	-	4·4	19·8	3·2	10·9	72	28	1·7	1·5
AUG	-	-	6·3	21·4	4·0	11·2	68	23	0·9	0·9
SEP	-	-	12·3	26·7	7·1	13·0	45	13	0·9	0·8
OCT	-	-	16·1	26·7	11·1	14·2	52	19	2·7	2·5
NOV	-	-	21·8	32·3	14·2	17·0	41	17	1·2	2·1
DEC	-	-	22·6	31·8	15·9	17·9	47	22	1·6	1·7
J/Y	-	-	14·3	26·6	10·3	14·7	61	23	1·7	2·0

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	33·6	15·3	24·5	-1·3	39·4	22	8·7	18	23·4	12	24·5	23	12·7	7·3	23
FEB	34·4	17·1	25·7	0·2	40·0	4	12·6	25	21·7	14	24·4	5	7·5	4·8	16
MAR	32·4	14·3	23·3	0·6	36·7	23	4·7	19	21·3	17	19·7	3	6·2	3·7	17
APR	27·0	10·3	18·7	-0·2	34·7	14	3·2	9	12·7	29	19·7	1	15·5	6·0	28
MAY	19·6	4·3	11·9	-2·4	25·5	9	0·8	28	11·5	15	12·4	12	14·4	7·0	12
JUN	21·6	3·3	12·5	1·4	26·3	5	-2·7	25	13·7	24	11·9	6	10·0	10·0	6
JUL	20·8	2·8	11·8	1·1	25·0	11	-5·4	25	13·2	18	14·3	7	1·0	1·0	4
AUG	22·3	3·5	12·9	-0·2	29·5	28	-2·7	9	14·2	7	15·4	14	2·0	2·0	16
SEP	27·9	6·9	17·4	1·3	35·7	29	-0·7	2	15·0	12	17·4	18	0·0	0·0	-
OCT	28·3	10·6	19·5	0·0	38·3	15	-0·4	6	16·2	4	17·5	17	8·0	6·5	7
NOV	33·6	14·6	24·1	2·2	39·0	16	7·5	2	20·7	1	22·1	17	9·5	7·8	17
DEC	33·5	16·8	25·1	0·9	39·4	31	11·7	18	24·3	4	24·6	1	13·2	8·8	12
J/Y	27·9	10·0	18·9	0·2	40·0	-	-5·4	-	11·5	-	24·6	-	100·0	10·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	≥	▲	≤	≡
JAN	3	3	0	0	13	26	0	0	0	0	0	2	6	0	0	0
FEB	4	3	0	0	13	25	0	0	0	0	0	5	6	0	0	0
MAR	2	2	0	0	7	25	0	0	0	0	1	0	6	1	0	0
APR	5	4	0	0	0	10	2	0	0	0	3	0	2	0	0	0
MAY	3	2	0	0	0	0	9	0	0	0	22	0	1	0	0	5
JUN	1	1	1	0	0	0	4	0	1	3	21	0	0	0	0	1
JUL	1	1	0	0	0	0	7	0	3	10	21	0	0	0	0	1
AUG	1	1	0	0	0	0	7	0	1	3	24	0	0	0	0	2
SEP	0	0	0	0	2	14	2	0	0	2	13	0	0	0	0	0
OCT	2	2	0	0	3	14	1	0	0	1	3	0	3	0	0	0
NOV	3	2	0	0	12	26	0	0	0	0	0	3	5	0	0	0
DEC	3	2	0	0	11	26	0	0	0	0	0	4	5	0	0	0
J/Y	28	23	1	0	61	166	52	0	5	19	108	14	34	1	0	9

320/888 MANCORP MINE POSTMASBURG

Ø28°18'S P BY/AT 1250GPM HT 1·2M 49
X23°00'E H 1326M HR 1·2M 49

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	876·2	874·4	20·7	28·9	13·7	15·4	44	20	2·2	3·4
FEB	(876·5)	-	(21·3)	-	(15·3)	-	(52)	-	(2·8)	-
MAR	878·1	(876·9)	19·0	(27·5)	13·0	(15·4)	49	(24)	2·1	(3·5)
APR	877·8	(876·1)	15·4	(23·7)	10·3	(13·5)	51	(28)	2·9	(3·9)
MAY	877·4	-	8·2	-	5·6	-	67	-	2·4	-
JUN	883·2	(881·8)	8·1	(18·5)	-	(9·3)	-	(23)	2·2	(2·0)
JUL	883·5	(882·1)	8·0	(17·5)	-	(8·6)	-	(25)	1·8	(1·7)
AUG	882·8	(881·5)	9·3	(18·9)	4·4	(8·6)	43	(19)	0·5	(0·1)
SEP	881·1	(879·5)	14·5	(24·7)	7·2	(11·7)	31	(15)	0·6	(0·8)
OCT	877·8	875·5	17·4	26·4	10·1	12·9	37	16	3·2	3·7
NOV	(877·4)	-	(21·3)	-	(13·0)	-	(36)	-	(2·3)	-
DEC	876·1	(874·4)	20·8	(28·5)	14·7	(16·5)	51	(26)	2·0	(3·5)
J/Y	(879·0)	-	(15·3)	-	-	-	-	-	(2·1)	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	31·0	16·7	23·9	-1·2	36·0	22	8·1	13	21·7	12	22·3	19	39·2	25·9	7
FEB	30·3	17·7	24·0	-0·2	35·1	4	13·5	16	19·1	14	23·0	4	81·3	26·8	12
MAR	29·1	16·0	22·5	0·6	33·4	26	6·0	18	19·0	18	20·7	7	23·1	7·6	16
APR	25·0	12·0	18·5	-0·1	30·8	2	3·2	30	9·7	30	18·6	2	43·7	25·3	28
MAY	17·1	6·1	11·6	-3·3	22·8	28	1·2	26	8·1	15	12·4	12	26·5	14·5	11
JUN	19·2	6·1	12·7	0·7	23·8	5	-0·3	25	11·0	24	10·8	16	0·0	0·0	-
JUL	18·1	6·2	12·1	0·8	21·5	26	0·0	19	6·9	17	12·4	12	1·4	0·9	7
AUG	19·9	5·7	12·8	-1·3	27·3	29	-0·4	8	11·2	16	12·2	29	0·1	0·1	14
SEP	25·5	9·9	17·7	0·9	32·5	27	-1·0	1	14·3	12	19·0	30	0·0	0·0	-
OCT	26·9	12·4	19·7	-0·7	34·8	26	0·6	5	13·6	4	21·0	26	32·9	19·8	20
NOV	30·5	16·3	23·4	1·2	34·9	27	7·0	1	20·7	1	22·5	30	20·7	-	-
DEC	29·7	16·8	23·3	-1·0	35·5	31	9·8	4	20·8	4	23·0	16	66·8	24·1	13
J/Y	25·2	11·8	18·5	-0·3	36·0	-	-1·0	-	6·9	-	23·0	-	335·7	26·8	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	≥	▲	≤	≡
JAN	5	5	1	1	2	22	0	0	0	0	0	7	7	1	0	0
FEB	10	9	2	1	1	18	0	0	0	0	0	3	8	0	0	0
MAR	6	5	0	0	0	16	0	0	0	0	0	2	5	0	0	0
APR	7	6	1	1	0	3	3	1	0	0	3	0	0	0	0	1
MAY	5	4	1	0	0	0	15	1	0	0	10	0	4	0	0	1
JUN	0	0	0	0	0	0	5	0	0	1	8	0	1	0	0	0
JUL	4	0	0	0	0	0	8	2	0	0	11	0	0	0	0	0
AUG	1	0	0	0	0	0	9	0	0	1	11	0	0	0	0	0
SEP	0	0	0	0	0	4	2	0	0	1	7	0	1	0	0	0
OCT	4	4	2	0	0	11	3	0	0	0	3	1	3	1	0	0
NOV	4	-	-	-	0	19	0	0	0	0	0	2	4	1	0	0
DEC	9	6	3	0	1	18	0	0	0	0	0	4	8	0	0	0
J/Y	55	-	-	-	4	111	45	4	0	3	53	19	41	3	0	2

KLIMAATTABELLE — CLIMATOLOGICAL TABLES
STASIES VAN DIE TWEEDE ORDE — SECOND ORDER STATIONS

323/102 KOOPMANSFONTEIN AGRIC

φ28°12'S P BY/AT -6PM HT 1·2M 48
λ24°04'E H 1341M HR 1·2M 48

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	21·1	29·3	13·8	15·6	43	20	2·1	3·6
FEB	-	-	20·5	27·5	15·9	17·5	62	35	3·2	4·0
MAR	-	-	18·7	27·7	13·5	15·5	55	24	1·7	2·9
APR	-	-	14·6	25·2	9·9	13·4	54	22	2·1	2·9
MAY	-	-	6·6	17·4	4·9	9·5	77	32	1·8	2·2
JUN	-	-	3·7	18·4	1·8	9·8	71	29	1·5	2·0
JUL	-	-	4·5	17·3	2·5	8·8	71	28	1·2	1·7
AUG	-	-	6·6	19·3	2·4	8·5	45	17	0·5	0·4
SEP	-	-	14·1	24·6	6·9	11·0	31	12	0·7	1·0
OCT	-	-	18·0	26·2	11·1	13·6	41	19	2·5	3·7
NOV	-	-	21·3	28·7	13·5	15·0	40	23	2·1	3·4
DEC	-	-	21·3	27·4	15·4	16·3	53	29	1·7	3·5
J/Y	-	-	14·3	24·1	9·3	12·9	54	24	1·8	2·6

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	30·5	13·5	22·0	-1·5	35·0	22	2·8	13	20·7	13	21·0	23	28·5	7·5	7
FEB	29·2	14·9	22·1	-0·2	33·7	27	9·5	21	17·6	14	20·3	5	139·1	27·7	15
MAR	28·9	11·6	20·3	0·4	33·1	28	1·9	20	18·1	18	16·6	3	23·6	8·7	7
APR	26·0	7·5	16·7	0·6	31·1	2	-1·0	9	11·1	30	15·2	3	24·5	18·1	28
MAY	18·0	2·4	10·2	-1·7	23·7	9	-3·4	26	6·9	16	12·3	12	59·4	27·5	12
JUN	19·0	-0·2	9·4	0·9	25·2	5	-7·4	25	10·9	24	8·6	7	0·8	0·8	7
JUL	18·0	1·1	9·5	1·5	21·6	24	-3·8	20	6·3	13	10·2	8	9·8	9·5	13
AUG	19·8	0·3	10·1	-0·9	27·0	29	-4·6	3	11·5	16	8·1	15	0·0	0·0	-
SEP	25·4	4·5	14·9	0·6	32·4	27	-5·2	1	14·3	13	15·1	30	0·0	0·0	-
OCT	27·5	9·2	18·3	-0·1	35·2	17	-4·5	6	14·4	5	18·3	27	18·6	10·0	20
NOV	30·2	13·3	21·7	1·4	36·5	27	6·0	2	21·5	2	19·6	30	32·5	12·0	17
DEC	29·2	14·6	21·9	-0·6	34·0	15	9·5	18	20·5	4	20·8	1	71·4	55·0	3
J/Y	25·1	7·7	16·4	0·0	36·5	-	-7·4	-	6·3	-	21·0	-	408·2	55·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	⚡	▲	✱	≡
JAN	7	7	0	0	0	20	0	0	0	0	1	1	11	0	0	0
FEB	15	13	5	2	0	14	0	0	0	0	0	1	7	0	0	0
MAR	8	4	0	0	0	11	0	0	0	0	2	0	-	0	0	0
APR	5	4	1	0	0	5	2	0	0	1	11	0	-	-	-	-
MAY	5	5	2	1	0	0	13	1	1	8	26	0	1	0	1	0
JUN	1	0	0	0	0	0	6	0	5	18	28	0	0	0	0	0
JUL	2	1	0	0	0	0	8	2	6	14	26	0	1	0	0	0
AUG	0	0	0	0	0	0	8	0	8	15	28	0	0	0	0	0
SEP	0	0	0	0	0	4	2	0	3	8	16	0	0	0	0	0
OCT	5	4	1	0	1	13	3	0	1	3	7	0	6	0	0	0
NOV	6	6	1	0	2	17	0	0	0	0	0	0	6	0	0	0
DEC	8	5	1	1	0	17	0	0	0	0	0	1	11	0	0	0
J/Y	62	49	11	4	3	101	42	3	24	67	145	3	-	-	-	-

328/636 VIRGINIA MUN

φ28°06'S P BY/AT -6PM HT 1·2M 49
λ26°52'E H 1341M HR 1·2M 49

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	19·6	27·4	15·3	15·8	63	32	2·8	3·8
FEB	-	-	19·8	(28·7)	16·6	(18·7)	72	(37)	2·9	(4·5)
MAR	-	-	17·3	(26·4)	13·8	(16·2)	68	(35)	2·6	(3·4)
APR	-	-	14·4	(23·9)	11·5	(14·7)	71	(35)	2·3	(4·1)
MAY	-	-	7·3	-	6·1	-	84	-	2·4	-
JUN	-	-	3·6	(18·1)	2·0	(9·8)	76	(31)	1·2	(1·7)
JUL	-	-	4·8	(16·5)	3·3	(9·3)	79	(37)	2·1	(2·5)
AUG	-	-	4·8	(19·1)	2·0	(9·3)	61	(23)	0·5	(0·7)
SEP	-	-	11·4	(24·1)	7·0	(12·1)	52	(19)	1·4	(2·0)
OCT	-	-	16·8	(25·6)	11·7	(14·7)	54	(27)	2·6	(4·0)
NOV	-	-	19·2	(26·9)	14·7	(16·7)	62	(33)	2·7	(4·6)
DEC	-	-	19·9	(26·5)	15·9	(17·3)	66	(38)	3·6	(4·1)
J/Y	-	-	13·2	-	10·0	-	67	-	2·3	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	28·7	14·8	21·7	-	34·1	22	6·0	14	21·5	13	19·6	20	40·3	19·7	26
FEB	29·0	15·8	22·4	-	34·5	26	12·6	26	20·7	15	19·8	11	56·4	24·0	5
MAR	27·9	13·6	20·7	-	31·8	28	5·0	19	19·6	18	-	-	37·5	18·0	7
APR	25·4	10·7	18·1	-	30·4	3	2·3	9	11·2	30	15·4	15	91·1	37·5	29
MAY	17·9	4·4	11·1	-	24·8	10	0·5	27	7·9	16	12·3	12	54·1	13·0	11
JUN	18·9	1·3	10·1	-	22·9	2	-3·6	25	14·1	24	-	-	1·6	1·6	7
JUL	17·2	2·9	10·1	-	21·9	12	-0·5	16	9·7	17	-	-	26·6	14·5	13
AUG	19·4	1·5	10·5	-	26·2	29	-0·8	16	-	-	-	-	0·0	0·0	-
SEP	24·6	6·7	15·7	-	31·1	29	-2·5	1	9·8	13	19·6	30	0·0	0·0	-
OCT	26·2	11·6	18·9	-	34·7	17	0·0	5	13·8	5	19·9	17	71·0	23·8	19
NOV	27·9	13·8	20·9	-	34·9	27	7·8	2	-	-	-	-	62·3	17·6	17
DEC	28·2	15·1	21·7	-	34·1	26	10·3	5	19·8	6	19·2	16	69·5	15·5	6
J/Y	24·3	9·3	16·8	-	34·9	-	-3·6	-	-	-	-	-	510·4	37·5	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	⚡	▲	✱	≡
JAN	6	6	2	0	0	-	0	0	0	0	0	0	6	0	0	0
FEB	8	4	2	0	0	11	0	0	0	0	0	0	4	1	0	0
MAR	7	3	2	0	0	-	0	0	0	0	0	0	6	0	0	0
APR	8	5	4	1	0	1	1	0	0	0	3	0	5	0	0	0
MAY	7	6	3	0	0	0	-	-	0	0	-	0	2	0	0	0
JUN	1	1	0	0	0	0	-	0	1	6	-	0	0	0	0	0
JUL	4	3	1	0	0	0	-	-	0	2	-	0	1	0	0	0
AUG	0	0	0	0	0	0	-	-	0	4	-	0	0	0	0	0
SEP	0	0	0	0	0	-	-	-	0	3	-	0	0	0	0	0
OCT	8	5	3	0	0	9	2	0	0	0	3	0	5	0	0	0
NOV	10	7	3	0	0	-	0	0	0	0	0	-	4	0	0	0
DEC	13	10	3	0	0	-	0	0	0	0	0	0	3	0	0	0
J/Y	72	50	23	1	0	-	-	-	1	15	-	-	36	1	0	0

337/431 SURPRISE STORE

Ø28°11'S P BY/AT -GPM HT 1·2M 50
λ31°15'E H 1032M HR 1·2M 50

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	18·9	22·9	16·7	18·6	80	65	-	-
FEB	-	-	18·8	24·2	17·1	19·7	84	65	-	-
MAR	-	-	19·2	24·6	16·3	18·3	73	53	-	-
APR	-	-	17·6	25·1	14·9	18·7	74	52	-	-
MAY	-	-	14·5	21·0	10·6	14·1	60	44	-	-
JUN	-	-	13·3	20·5	9·4	12·4	59	35	-	-
JUL	-	-	12·2	19·8	8·9	12·1	63	36	-	-
AUG	-	-	13·5	20·5	9·1	11·8	54	30	-	-
SEP	-	-	15·5	22·1	11·2	14·6	57	41	-	-
OCT	-	-	17·0	22·9	14·3	16·6	74	51	-	-
NOV	-	-	16·6	21·7	14·8	17·4	82	64	-	-
DEC	-	-	18·2	22·6	16·5	18·5	84	66	-	-
J/Y	-	-	16·3	22·3	13·3	16·1	70	50	-	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	24·3	15·0	19·7	-	33·0	4	7·8	14	16·0	13	20·0	28	213·3	43·0	1
FEB	25·1	15·3	20·2	-	34·0	5	11·4	22	17·9	20	18·5	3	67·6	18·5	5
MAR	26·0	14·6	20·3	-	35·6	29	9·5	19	16·2	10	20·0	29	34·1	18·5	4
APR	25·8	13·6	19·7	-	32·4	3	9·5	27	14·5	22	18·3	4	29·8	19·0	29
MAY	21·7	10·2	15·9	-	28·5	7	5·0	26	12·6	16	15·0	11	75·4	22·6	15
JUN	21·0	8·9	14·9	-	26·0	2	5·4	10	13·5	3	12·3	8	0·3	0·3	24
JUL	20·2	8·9	14·5	-	23·5	13	5·5	18	15·6	9	13·0	13	2·0	2·0	17
AUG	20·9	8·6	14·7	-	29·2	29	3·9	18	8·7	31	17·6	30	12·7	10·2	31
SEP	22·9	10·1	16·5	-	32·8	30	4·3	1	9·6	13	16·2	30	34·1	26·0	12
OCT	23·2	12·6	17·9	-	34·9	16	4·4	6	11·4	19	18·6	28	99·2	35·0	19
NOV	22·1	13·2	17·7	-	33·1	27	7·2	3	10·5	2	17·9	27	135·3	33·0	1
DEC	23·9	14·5	19·2	-	33·2	17	9·3	3	14·3	18	19·3	17	182·5	107·5	18
J/Y	23·1	12·1	17·6	-	35·6	-	3·9	-	8·7	-	20·0	-	906·3	107·5	-

1959	AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS: VAN REEN 20·1	VAN /OF RAIN ≥1·0	≥10	≥25	VAN >35	VAN /OF >30	MAX TEMP <17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ⚡	▲	✱	≡
JAN	19	16	7	3	0	3	1	0	0	0	0	0	9	1	0	10
FEB	10	8	3	0	0	2	0	0	0	0	0	0	5	0	0	13
MAR	7	5	1	0	1	5	2	0	0	0	0	0	1	0	0	-
APR	5	3	1	0	0	4	1	0	0	0	0	0	1	0	0	1
MAY	8	7	3	0	0	0	4	0	0	0	0	0	0	0	0	2
JUN	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
JUL	1	1	0	0	0	0	4	0	0	0	0	0	0	0	0	0
AUG	2	2	1	0	0	0	8	1	0	0	3	0	0	0	0	0
SEP	5	4	2	1	0	4	6	1	0	0	1	0	0	0	0	0
OCT	14	10	4	1	0	4	6	0	0	0	2	0	3	0	0	1
NOV	17	12	3	3	0	2	5	0	0	0	0	0	3	0	0	3
DEC	23	15	3	1	0	3	4	0	0	0	0	0	4	0	0	5
J/Y	112	83	28	9	1	27	44	2	0	0	6	0	26	1	0	-

339/357 RIVERVIEW

Ø28°27'S P BY/AT -GPM HT 1·2M 51
λ32°12'E H 46M HR 1·2M 51

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	24·9	29·2	21·7	23·4	74	59	5·1	5·5
FEB	-	-	25·3	30·1	22·2	24·2	75	59	3·6	4·0
MAR	-	-	24·0	30·1	21·1	23·4	76	54	3·5	3·1
APR	-	-	22·5	30·0	19·9	22·5	78	49	3·1	3·2
MAY	-	-	17·3	25·9	15·1	19·7	78	53	3·2	2·5
JUN	-	-	14·2	25·5	12·6	18·1	82	45	1·8	1·6
JUL	-	-	14·5	24·7	-	-	-	-	2·3	2·2
AUG	-	-	16·1	25·3	14·3	18·0	81	46	2·5	3·2
SEP	-	-	18·5	25·4	16·1	18·9	77	51	3·2	3·0
OCT	-	-	21·4	25·5	19·0	20·5	79	61	4·5	3·6
NOV	-	-	22·6	25·7	19·7	21·2	75	65	5·6	5·1
DEC	-	-	24·1	28·8	21·2	22·5	76	56	5·6	4·6
J/Y	-	-	20·5	27·2	-	-	-	-	3·7	3·5

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	30·6	20·4	25·5	-	38·4	4	15·8	14	24·8	12	23·8	28	123·4	51·5	16
FEB	31·9	20·3	26·1	-	38·8	5	15·4	23	26·0	20	23·6	3	18·9	6·5	16
MAR	31·3	19·7	25·5	-	37·2	3	15·0	23	24·1	18	23·1	30	35·5	10·0	25
APR	31·2	18·8	25·0	-	36·5	7	15·0	17	22·5	22	22·5	11	11·3	5·0	22
MAY	26·9	14·0	20·5	-	31·5	11	9·5	4	18·3	16	20·5	11	77·8	29·0	17
JUN	26·1	11·9	19·0	-	29·0	2	7·5	21	20·5	3	17·9	8	0·3	0·3	3
JUL	25·5	12·2	18·9	-	29·8	7	7·1	21	20·2	9	15·5	9	15·3	10·5	4
AUG	26·1	12·7	19·4	-	35·8	29	7·5	2	16·8	31	16·8	29	41·3	24·0	31
SEP	26·4	14·9	20·7	-	35·7	21	10·6	16	15·5	13	19·7	21	60·1	34·0	13
OCT	26·8	17·1	21·9	-	34·8	29	10·8	7	17·7	19	22·0	17	107·4	33·5	19
NOV	-	18·2	-	-	-	-	12·5	4	-	-	23·1	18	84·2	24·2	8
DEC	30·4	19·9	25·1	-	41·8	16	15·1	3	22·9	18	24·1	22	59·2	33·4	17
J/Y	-	16·7	-	-	-	-	7·1	-	-	-	24·1	-	634·7	51·5	-

1959	AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS: VAN REEN ≥0·1	VAN /OF RAIN ≥1·0	≥10	≥25	VAN >35	VAN /OF >30	MAX TEMP <17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ⚡	▲	✱	≡
JAN	11	7	3	2	7	15	0	0	0	0	0	17	7	0	0	0
FEB	10	5	0	0	4	18	0	0	0	0	0	16	2	0	0	0
MAR	9	6	1	0	8	22	0	0	0	0	0	13	1	0	0	0
APR	7	3	0	0	5	20	0	0	0	0	0	10	2	0	0	0
MAY	7	6	3	1	0	4	0	0	0	0	0	1	1	0	0	0
JUN	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
JUL	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0
AUG	6	4	2	0	2	4	1	0	0	0	0	0	1	0	0	0
SEP	7	6	2	1	1	7	2	0	0	0	0	0	2	0	0	1
OCT	17	14	2	2	0	8	0	0	0	0	0	7	4	1	0	0
NOV	18	10	3	0	-	-	-	-	0	0	0	7	2	0	0	0
DEC	23	8	1	1	6	14	0	0	0	0	0	17	0	0	0	0
J/Y	120	72	18	7	-	-	-	-	0	0	0	88	23	1	0	1

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

360/597 VAALHARTS AGRIC φ27°57'S P BY/AT -GPM HT 1·2M 64
λ24°50'E H 1175M HR 1·2M 64

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	20·1	29·1	15·3	17·5	60	29	2·0	3·2
FEB	-	-	20·4	29·1	17·2	19·3	73	38	2·5	2·8
MAR	-	-	18·9	29·4	14·4	17·0	61	26	1·8	2·4
APR	-	-	15·2	26·4	11·1	15·2	60	27	1·6	1·7
MAY	-	-	7·2	18·8	5·9	10·8	83	34	1·2	1·7
JUN	-	-	3·9	19·3	2·2	10·4	75	29	0·9	1·1
JUL	-	-	5·6	18·7	3·7	10·3	74	31	1·1	1·3
AUG	-	-	7·0	20·6	3·4	10·1	54	21	0·3	0·3
SEP	-	-	13·6	25·9	7·6	12·7	40	17	0·8	1·1
OCT	-	-	18·0	27·2	11·8	14·9	46	23	1·8	2·6
NOV	-	-	20·9	29·8	14·9	17·1	52	25	1·6	2·8
DEC	-	-	22·0	27·9	16·8	17·7	59	35	1·6	3·3
J/Y	-	-	14·4	25·2	10·4	14·4	61	28	1·4	2·0

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	30·8	15·1	22·9	-1·7	36·8	22	5·1	13	22·4	13	20·4	4	100·6	26·7	26
FEB	30·5	16·7	23·6	-0·1	35·6	27	12·9	21	20·6	14	21·4	5	60·8	18·4	14
MAR	30·7	13·9	22·3	1·0	35·3	28	4·5	20	20·6	18	18·4	3	9·2	4·5	17
APR	27·5	10·4	18·9	1·1	33·0	2	2·3	9	14·0	30	16·8	11	36·2	24·5	28
MAY	20·0	4·5	12·3	-1·2	26·1	29	-1·2	26	7·3	16	14·2	12	27·8	19·2	12
JUN	20·3	2·0	11·1	1·0	24·7	2	-4·5	25	12·5	24	8·4	7	2·0	2·0	7
JUL	19·5	3·5	11·5	1·4	23·7	12	-1·3	20	9·3	13	12·2	12	15·6	13·4	13
AUG	21·3	2·8	12·1	-1·0	28·1	29	-3·6	8	12·9	16	9·9	15	0·0	0·0	-
SEP	27·2	8·4	17·8	1·1	34·4	29	-2·5	1	16·9	1	19·4	30	0·0	0·0	-
OCT	29·2	11·7	20·5	0·5	37·4	16	-0·8	5	15·9	5	20·2	17	37·9	28·5	20
NOV	31·2	14·8	23·0	1·0	38·1	27	8·2	2	22·7	1	20·9	30	50·9	23·6	8
DEC	30·7	15·9	23·3	-0·2	35·6	15	10·6	5	22·0	4	19·9	30	69·7	19·5	3
J/Y	26·6	10·0	18·3	0·2	38·1	-	-4·5	-	7·3	-	21·4	-	410·7	28·5	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ≥	▲	≥	≡
JAN	13	-	5	1	3	19	0	0	0	0	0	2	11	1	0	0
FEB	9	7	3	0	1	19	0	0	0	0	0	3	5	0	0	0
MAR	5	3	0	0	1	22	0	0	0	0	1	0	5	0	0	0
APR	6	3	1	0	0	9	1	0	0	0	3	0	3	0	0	0
MAY	8	4	1	0	0	0	8	1	0	2	19	0	2	0	0	0
JUN	1	1	0	0	0	0	5	0	1	6	26	0	0	0	0	0
JUL	4	3	1	0	0	0	7	1	0	3	22	0	1	0	0	0
AUG	0	0	0	0	0	0	5	0	1	5	24	0	0	0	0	0
SEP	0	0	0	0	0	9	1	0	0	2	11	0	0	0	0	0
OCT	6	5	1	1	3	15	2	0	0	1	4	1	4	0	0	0
NOV	8	4	2	0	4	20	0	0	0	0	0	1	8	0	0	0
DEC	13	9	3	0	1	19	0	0	0	0	0	0	10	0	0	0
J/Y	73	-	17	2	13	132	29	2	2	19	110	7	49	1	0	0

364/450A WELKOM AER φ28°00'S P BY/AT 1400GPM HT 1·2M 53
λ26°45'E H 1359M HR 1·2M 53

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	861·5	859·4	18·9	27·6	14·3	16·0	60	27	3·0	3·4
FEB	862·2	860·1	20·3	28·1	16·1	17·7	65	34	2·6	3·3
MAR	864·2	861·9	17·7	27·2	13·7	16·3	64	35	2·6	3·1
APR	863·6	861·4	15·3	24·5	11·7	14·5	65	31	2·0	2·9
MAY	862·4	860·4	7·8	17·3	6·2	10·5	79	41	2·2	2·5
JUN	868·4	866·9	5·1	17·9	3·2	9·3	73	28	1·0	1·3
JUL	868·7	867·6	6·2	16·5	4·3	9·1	74	34	2·0	2·0
AUG	868·1	866·2	6·3	18·2	3·0	8·3	56	19	0·3	0·8
SEP	866·4	863·9	12·5	23·7	7·6	11·9	49	19	1·1	1·7
OCT	863·4	861·0	16·6	25·5	11·3	13·9	51	24	2·6	3·3
NOV	863·1	860·7	18·9	25·9	14·2	15·3	59	30	2·6	4·3
DEC	861·7	859·6	19·7	25·8	15·3	16·9	62	40	2·9	4·0
J/Y	864·5	862·4	13·8	23·2	10·1	13·3	63	30	2·1	2·7

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	28·8	15·1	21·9	-	34·3	22	6·0	14	21·3	13	19·7	20	52·4	16·9	25
FEB	28·7	16·4	22·5	-	34·2	27	13·6	1	20·1	15	20·1	11	38·8	14·6	15
MAR	28·3	14·3	21·3	-	32·5	28	4·5	19	19·4	18	18·4	30	15·1	6·5	17
APR	25·3	11·7	18·5	-	30·8	3	2·9	30	11·4	30	16·3	3	74·5	31·3	29
MAY	17·6	5·2	11·4	-	24·6	10	0·3	16	6·9	16	12·2	12	47·5	13·2	11
JUN	18·3	2·6	10·5	-	23·8	2	-2·7	25	12·3	9	10·2	3	1·3	1·3	7
JUL	17·1	4·2	10·7	-	21·8	12	0·2	16	9·2	17	7·5	13	28·9	15·6	13
AUG	19·2	2·7	10·9	-	26·0	29	-0·5	17	11·1	16	8·9	15	0·0	0·0	-
SEP	24·7	8·2	16·5	-	31·3	29	-1·0	1	9·8	13	19·3	30	0·7	0·6	13
OCT	26·0	11·9	18·9	-	34·7	17	0·3	5	11·3	3	22·2	17	72·3	29·8	20
NOV	28·0	14·2	21·1	-	35·4	27	8·7	2	18·3	8	19·2	30	44·3	15·8	11
DEC	28·1	15·3	21·7	-	33·2	15	9·9	5	20·9	6	21·0	16	94·3	29·7	6
J/Y	24·2	10·1	17·1	-	35·4	-	-2·7	-	6·9	-	22·2	-	470·1	31·3	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ≥	▲	≥	≡
JAN	9	8	1	0	0	13	0	0	0	0	0	0	7	0	0	0
FEB	7	6	1	0	0	10	0	0	0	0	0	1	4	0	0	0
MAR	8	4	0	0	0	10	0	0	0	0	1	0	9	0	0	0
APR	7	7	3	1	0	3	2	0	0	0	3	0	7	1	0	0
MAY	7	6	2	0	0	0	14	2	0	0	16	0	4	1	0	1
JUN	1	1	0	0	0	0	9	0	1	2	24	0	1	0	0	0
JUL	3	3	2	0	0	0	12	2	0	0	17	0	2	1	0	0
AUG	0	0	0	0	0	0	6	0	0	1	27	0	0	0	0	0
SEP	2	0	0	0	0	4	2	1	0	2	9	0	1	0	0	0
OCT	9	6	2	1	0	9	3	0	0	0	4	1	8	1	0	0
NOV	8	6	2	0	1	9	0	0	0	0	0	0	5	0	0	0
DEC	12	12	3	1	0	9	0	0	0	0	0	1	11	1	0	0
J/Y	73	59	16	3	1	67	48	5	1	5	101	3	59	5	0	1

KLIMAATTABELLE — CLIMATOLOGICAL TABLES
STASIES VAN DIE TWEEDE ORDE — SECOND ORDER STATIONS

365/400 KROONSTAD PARK φ27°40'S P BY/AT 1250GPM HT 1·2M 67
λ27°14'E H 1348M HR 1·2M 67

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	876·7	874·7	19·2	27·1	15·6	17·3	68	36	3·4	3·7
FEB	877·7	875·2	19·6	27·1	16·1	17·2	70	35	2·3	3·7
MAR	879·6	877·3	17·8	27·3	14·2	17·1	67	34	2·5	2·8
APR	879·5	876·7	15·0	24·8	11·8	15·0	68	33	2·2	2·9
MAY	878·3	876·1	7·3	18·0	-	-	-	-	2·3	1·7
JUN	884·3	881·9	3·8	18·4	2·2	9·8	76	29	0·9	0·7
JUL	884·7	883·0	3·4	16·6	2·3	9·0	83	33	2·2	1·9
AUG	883·8	881·4	4·8	19·5	-	-	-	-	0·2	0·1
SEP	882·0	879·1	11·8	23·9	7·5	12·0	54	20	1·0	1·4
OCT	879·3	876·5	16·5	25·9	11·7	14·7	56	26	1·7	3·4
NOV	878·7	876·4	18·8	26·8	14·9	16·5	66	33	2·6	4·0
DEC	877·4	874·1	19·6	27·1	15·8	17·6	67	37	3·6	4·1
J/Y	880·2	877·7	13·1	23·5	-	-	-	-	2·1	2·5

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·0	14·5	21·7	-0·8	34·6	22	6·8	14	22·0	13	19·5	20	77·3	16·8	23
FEB	29·4	15·3	22·3	0·5	34·4	27	12·0	1	21·5	15	18·2	28	27·0	16·5	15
MAR	28·5	13·1	20·8	0·9	33·0	24	5·5	19	21·0	18	17·4	8	16·8	9·0	17
APR	25·9	9·9	17·9	1·8	30·8	3	2·0	9	12·8	30	14·2	15	62·6	24·5	29
MAY	19·1	-	-	-	26·0	7	-	-	10·0	16	-	-	48·2	17·5	12
JUN	19·8	0·3	10·1	1·8	24·0	2	-5·2	25	15·4	9	9·4	8	4·0	3·6	7
JUL	18·6	1·2	9·9	1·5	22·2	12	-2·6	15	-	-	7·4	14	22·1	8·5	17
AUG	20·5	-0·4	10·1	-1·5	26·5	29	-3·2	6	14·0	16	-	-	0·0	0·0	-
SEP	25·0	5·4	15·2	-0·1	30·6	29	-3·6	3	8·5	13	18·5	30	10·0	10·0	13
OCT	26·4	11·1	18·7	-0·4	34·2	17	-1·0	6	14·4	5	21·0	17	103·1	41·0	20
NOV	28·0	12·9	20·5	0·2	35·4	27	7·8	2	20·0	8	17·4	30	67·1	18·5	11
DEC	28·0	14·4	21·2	-0·6	34·5	15	8·0	5	20·2	4	20·0	16	78·9	25·5	6
J/Y	24·9	-	-	-	35·4	-	-	-	-	-	21·0	-	517·1	41·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥ 0·1	≥ 1·0	≥ 10	≥ 25	VAN /OF MAX TEMP ≥ 35	≥ 30	< 17·5	< 10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP < -2·5	< 0·0	< 5	≥ 20	⚡	▲	✱	≡
JAN	11	10	3	0	0	15	0	0	0	0	0	0	11	1	0	0
FEB	8	4	1	0	0	13	0	0	0	0	0	0	-	0	0	0
MAR	6	5	0	0	0	10	0	0	0	0	0	0	-	0	0	0
APR	8	5	3	0	0	3	2	0	0	0	2	0	8	0	0	0
MAY	8	5	2	0	0	0	-	0	-	-	-	-	1	1	0	0
JUN	2	1	0	0	0	0	3	0	2	16	27	0	0	0	0	0
JUL	4	4	0	0	0	0	-	-	1	-	-	0	0	0	0	0
AUG	0	0	0	0	0	0	-	0	2	-	-	0	0	0	0	0
SEP	1	1	1	0	0	-	2	1	5	4	14	0	2	0	0	0
OCT	8	6	4	2	0	11	3	0	0	2	4	1	6	1	0	0
NOV	8	7	3	0	2	6	0	0	0	0	0	0	10	0	0	0
DEC	12	11	2	1	0	11	0	0	0	0	0	0	10	0	0	0
J/Y	76	59	19	3	2	-	-	-	-	-	-	-	-	3	0	0

366/743 LINDLEY φ27°53'S P BY/AT -6PM HT 1·2M 68
λ27°55'E H 1490M HR 1·2M 68

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	17·6	26·2	14·6	16·5	72	35	4·1	4·7
FEB	-	-	18·5	27·5	15·2	17·1	70	33	2·0	4·7
MAR	-	-	16·1	26·6	13·4	15·9	74	30	2·5	3·8
APR	-	-	12·4	23·8	10·3	14·6	77	35	2·4	2·7
MAY	-	-	5·1	16·5	4·1	9·8	86	40	2·9	2·8
JUN	-	-	2·5	(18·0)	1·5	(8·5)	84	(22)	1·4	(0·7)
JUL	-	-	4·0	16·0	2·2	8·3	73	31	1·6	2·3
AUG	-	-	2·5	18·2	0·6	8·3	70	19	0·2	0·6
SEP	-	-	10·2	22·7	6·7	11·6	59	21	1·3	1·7
OCT	-	-	15·3	22·8	11·0	13·3	59	31	2·1	3·7
NOV	-	-	18·2	25·5	14·6	17·0	67	41	1·9	4·6
DEC	-	-	18·5	25·0	14·9	16·7	68	42	3·8	4·8
J/Y	-	-	11·7	(22·4)	9·1	(13·1)	72	(31)	2·2	(3·1)

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	27·9	12·9	20·4	-0·6	32·6	22	2·6	13	21·4	25	17·0	28	40·5	8·5	6
FEB	29·2	13·5	21·3	0·9	34·5	28	9·6	17	22·6	15	17·0	20	26·5	12·0	5
MAR	28·2	11·8	20·0	1·3	32·5	29	5·0	19	20·0	18	18·2	30	70·0	23·0	8
APR	25·1	8·0	16·5	1·2	30·2	3	-0·1	9	11·5	30	12·2	12	91·5	33·5	29
MAY	17·8	1·8	9·8	-1·2	24·0	10	-3·0	26	8·5	17	11·5	11	57·0	14·5	12
JUN	18·7	-0·6	9·1	1·4	23·0	2	-4·2	22	12·5	9	6·5	3	5·0	5·0	7
JUL	17·0	0·0	8·5	1·0	21·0	25	-4·5	31	8·9	18	7·5	14	12·2	6·0	17
AUG	19·5	-1·5	9·0	-1·7	25·0	29	-5·0	7	12·5	16	4·0	8	0·0	0·0	-
SEP	24·2	4·1	14·1	-0·4	31·0	29	-3·5	3	10·8	13	11·5	20	2·0	2·0	13
OCT	24·5	9·6	17·1	-0·8	34·0	17	-1·0	5	-	-	-	-	114·5	38·5	19
NOV	27·1	12·5	19·8	0·7	33·5	27	4·8	4	-	-	-	-	87·3	21·2	12
DEC	27·1	13·4	20·3	0·0	33·2	16	10·3	8	19·0	6	18·0	21	160·0	71·0	30
J/Y	23·9	7·1	15·5	0·2	34·5	-	-5·5	-	-	-	-	-	666·5	71·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥ 0·1	≥ 1·0	≥ 10	≥ 25	VAN /OF MAX TEMP ≥ 35	≥ 30	< 17·5	< 10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP < -2·5	< 0·0	< 5	≥ 20	⚡	▲	✱	≡
JAN	-	6	0	0	0	10	0	0	0	0	2	0	9	0	0	0
FEB	-	4	1	0	0	12	0	0	0	0	0	0	3	0	0	0
MAR	-	6	3	0	0	8	0	0	0	0	0	0	3	0	0	0
APR	-	8	5	1	0	1	2	0	0	1	3	0	4	0	0	2
MAY	-	5	4	0	0	0	13	2	2	-	-	0	0	0	0	1
JUN	-	1	0	0	0	0	-	0	-	-	-	0	0	0	0	0
JUL	-	3	0	0	0	0	-	2	5	-	-	0	0	0	0	0
AUG	-	0	0	0	0	0	6	0	9	24	31	0	0	0	0	0
SEP	-	1	0	0	0	1	3	0	3	5	13	0	1	0	0	0
OCT	-	6	4	2	0	-	-	0	0	1	-	-	6	0	0	0
NOV	-	8	4	0	0	-	-	-	0	0	-	-	4	0	0	0
DEC	-	9	4	2	0	7	0	0	0	0	0	0	6	0	0	0
J/Y	-	57	25	5	0	-	-	-	-	-	-	-	36	0	0	3

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

399/894 BALKFONTEIN

Ø27°24' S P BY/AT -6PM HT 1·2M 71
X26°30' E H 1280M HR 1·2M 71

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	–	–	19·7	(27·5)	14·9	(16·2)	59	(34)	3·5	(4·6)
FEB	–	–	(20·4)	(27·9)	(16·9)	(18·4)	(70)	(39)	(2·5)	(5·4)
MAR	–	–	17·3	(26·1)	14·4	(16·6)	73	(36)	3·1	(3·5)
APR	–	–	14·9	(25·5)	11·8	(15·5)	69	(32)	2·2	(3·8)
MAY	–	–	(8·5)	–	(7·2)	–	(83)	–	(3·5)	–
JUN	–	–	3·5	(19·0)	2·1	(10·1)	79	(28)	1·6	(1·4)
JUL	–	–	5·1	(18·1)	3·5	(9·8)	77	(31)	2·2	(2·7)
AUG	–	–	4·9	19·9	2·0	9·2	59	19	0·2	0·8
SEP	–	–	12·5	(25·7)	7·3	(12·4)	46	(15)	1·4	(2·9)
OCT	–	–	(16·4)	–	(11·4)	–	(54)	–	(2·7)	–
NOV	–	–	20·2	27·3	15·2	16·2	58	29	3·2	5·7
DEC	–	–	20·1	26·3	16·3	18·1	68	44	3·4	5·1
J/Y	–	–	(13·6)	–	(10·3)	–	(66)	–	(2·5)	–

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·7	15·1	22·4	–	34·9	22	7·3	15	–	–	–	–	60·2	20·5	25
FEB	30·0	(16·3)	(23·1)	–	34·7	27	13·7	23	–	–	–	–	32·4	9·5	15
MAR	28·0	13·8	20·9	–	33·7	28	5·3	19	20·5	18	–	–	51·6	22·4	2
APR	26·9	11·0	18·9	–	31·7	2	1·9	9	13·4	30	15·4	15	55·0	16·8	29
MAY	(20·0)	–	–	–	26·5	7	–	–	–	–	13·8	12	24·8	13·2	12
JUN	20·1	1·2	10·7	–	24·6	2	-5·7	25	13·3	9	10·6	8	3·3	2·3	7
JUL	19·0	2·9	10·9	–	23·7	12	-0·7	16	–	–	7·3	12	25·3	14·0	13
AUG	20·7	1·1	10·9	–	27·7	23	-1·6	4	–	–	–	–	0·0	0·0	–
SEP	26·4	6·7	16·5	–	32·9	29	-4·1	2	13·0	13	17·4	30	0·0	0·0	–
OCT	(26·9)	(10·9)	(18·9)	–	34·9	17	0·0	6	–	–	–	–	67·3	31·2	19
NOV	29·0	14·6	21·8	–	36·5	27	7·7	2	22·4	3	20·4	30	42·7	17·7	9
DEC	28·1	16·1	22·1	–	34·4	15	10·2	5	19·9	6	20·7	16	129·4	36·6	6
J/Y	(25·4)	–	–	–	36·5	–	-5·7	–	–	–	–	–	492·0	36·6	–

AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF %	▲	✕	≡
JAN	9	6	2	0	0	–	0	0	0	0	0	–	9	0	0	0
FEB	6	5	0	0	0	–	0	0	0	0	0	0	9	0	0	0
MAR	8	5	2	0	0	–	0	0	0	0	0	0	5	1	0	0
APR	7	4	4	0	0	4	1	0	0	0	3	0	0	0	0	0
MAY	6	3	1	0	0	0	–	0	–	–	–	0	0	1	0	0
JUN	3	1	0	0	0	0	–	0	–	–	–	0	0	0	0	0
JUL	4	3	2	0	0	0	–	0	0	1	–	0	0	0	0	0
AUG	0	0	0	0	0	0	–	–	0	5	–	0	0	0	0	0
SEP	0	0	0	0	0	–	–	0	2	4	12	0	0	0	0	0
OCT	6	3	2	2	0	–	–	0	0	0	–	0	2	1	0	0
NOV	7	4	2	0	2	13	0	0	0	0	0	1	1	0	0	0
DEC	13	12	2	2	0	–	0	0	0	0	0	–	4	0	0	0
J/Y	69	46	17	4	2	–	–	–	–	–	–	–	30	3	0	0

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB T
U MEAN RELATIVE
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

% THUNDER
▲ HAIL
✕ SNOW
≡ FOG
D DATE
% PERCENTAGE

407/261 WAKKERSTROOM

Ø27°21' S P BY/AT -6PM HT 1·2M 73
X30°09' E H 1777M HR 1·2M 73

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	–	–	16·5	22·4	14·4	–	80	–	4·2	5·0
FEB	–	–	15·4	22·7	14·0	16·4	86	51	4·5	4·4
MAR	–	–	14·1	21·8	12·5	–	83	–	3·2	4·7
APR	–	–	12·5	21·4	10·7	13·9	80	42	3·3	4·0
MAY	–	–	8·8	17·0	6·0	9·2	66	32	2·5	2·4
JUN	–	–	3·2	17·4	–	8·6	–	26	1·3	1·3
JUL	–	–	2·9	15·2	1·6	8·0	80	33	1·8	2·0
AUG	–	–	4·2	17·2	–	8·2	–	23	0·9	1·3
SEP	–	–	10·8	19·5	7·2	10·5	60	28	2·5	2·4
OCT	–	–	14·6	20·6	10·9	13·2	63	41	3·2	4·5
NOV	–	–	14·8	20·4	12·6	–	78	–	4·8	5·1
DEC	–	–	16·8	21·6	14·4	16·4	77	58	4·9	5·8
J/Y	–	–	11·2	19·8	–	–	–	–	3·1	3·6

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	25·2	12·2	18·7	0·6	29·0	22	4·0	14	20·0	25	15·5	20	88·5	19·0	5
FEB	25·9	11·3	18·6	1·1	30·8	26	5·7	25	18·0	21	16·3	15	131·0	65·0	2
MAR	(24·7)	9·2	(16·9)	(0·6)	–	–	–	–	–	–	–	–	60·3	30·0	5
APR	24·0	7·5	15·7	2·2	28·5	3	1·5	10	13·8	30	–	–	48·5	38·5	22
MAY	19·2	3·3	11·3	1·2	26·0	11	-4·4	26	10·0	4	11·5	12	60·1	28·5	16
JUN	19·5	-0·8	9·3	2·2	24·3	21	-6·0	19	13·1	25	7·5	3	1·1	0·6	3
JUL	–	-1·0	–	–	–	–	-4·9	20	–	–	6·5	17	1·1	1·1	17
AUG	18·1	-1·6	8·3	-1·7	24·0	30	-6·4	10	7·3	31	6·0	29	4·5	4·5	31
SEP	20·9	3·9	12·4	-0·5	27·8	28	-5·3	3	5·2	13	10·5	21	45·7	30·5	13
OCT	22·5	8·7	15·6	-0·1	31·3	17	-3·4	6	12·4	20	15·2	17	81·8	36·0	19
NOV	22·1	10·0	16·1	-0·2	28·6	27	4·6	3	8·4	2	15·8	27	188·4	64·0	8
DEC	23·0	12·3	17·7	0·0	30·2	15	7·4	5	15·0	19	16·1	16	126·1	55·0	17
J/Y	–	6·3	–	–	–	–	-6·4	–	–	–	–	–	837·1	65·0	–

AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF %	▲	✕	≡
JAN	16	13	1	0	0	0	0	0	0	0	1	0	11	2	0	1
FEB	9	8	4	1	0	1	0	0	0	0	0	0	8	0	0	0
MAR	8	7	2	1	–	–	–	0	–	–	–	–	–	–	–	–
APR	4	3	1	1	–	–	1	0	0	0	–	–	6	0	0	0
MAY	6	5	2	1	0	0	9	0	3	4	22	0	2	2	0	0
JUN	2	0	0	0	0	0	8	0	12	19	28	0	1	0	0	0
JUL	1	1	0	0	–	–	–	–	12	22	28	0	0	0	0	2
AUG	1	1	0	0	0	0	12	1	14	21	29	0	0	0	2	0
SEP	4	3	2	1	0	0	6	2	2	7	16	0	2	0	2	0
OCT	11	10	1	1	0	2	7	0	1	1	6	0	11	0	0	0
NOV	17	14	5	2	0	0	–	1	0	0	1	0	14	1	0	0
DEC	15	11	4	1	0	1	3	0	0	0	0	0	10	0	0	1
J/Y	94	76	22	9	–	–	–	–	–	–	–	–	–	–	–	–

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

415/551 AUS SWA Ø26°41'S P BY/AT -GPM HT 1·2M 59
X16°19'E H 1459M HR 1·2M 59

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	20·9	28·4	11·3	14·3	27	17	2·0	2·1
FEB	-	-	21·5	29·3	12·4	16·1	31	22	2·3	2·9
MAR	-	-	17·6	27·5	10·0	13·9	35	17	1·7	2·1
APR	-	-	13·3	23·1	7·5	12·2	42	23	2·0	1·9
MAY	-	-	5·1	15·8	2·6	7·6	65	27	2·4	2·3
JUN	-	-	8·9	19·3	4·5	9·2	48	21	1·3	1·7
JUL	-	-	6·3	17·4	2·7	7·9	53	21	0·7	0·9
AUG	-	-	8·4	18·2	3·6	8·1	43	18	0·9	0·5
SEP	-	-	12·4	23·9	5·2	10·3	28	11	0·6	1·3
OCT	-	-	16·7	24·3	7·3	11·0	20	13	1·7	1·2
NOV	-	-	21·1	28·3	10·3	13·3	20	13	0·8	1·0
DEC	-	-	20·7	28·5	11·2	14·3	27	16	0·8	0·9
J/Y	-	-	14·4	23·7	7·4	11·5	37	18	1·4	1·6

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	30·4	15·2	22·8	-0·3	37·3	30	5·3	16	25·0	16	21·6	31	0·0	0·0	-
FEB	32·1	16·9	24·5	1·8	37·2	4	8·6	15	25·0	14	21·0	5	5·5	5·0	5
MAR	29·9	14·2	22·1	0·4	33·2	25	7·0	8	23·0	17	20·0	13	0·0	0·0	-
APR	25·4	10·8	18·1	0·3	32·5	1	0·5	30	19·2	29	18·0	1	16·5	11·0	16
MAY	17·0	3·7	10·3	-3·4	24·0	18	0·4	25	7·0	21	8·5	7	85·7	44·0	20
JUN	21·0	7·1	14·1	1·7	24·2	26	0·6	24	13·2	24	13·0	13	3·2	2·5	5
JUL	19·2	4·1	11·7	0·6	24·2	26	-2·1	13	7·3	16	9·2	29	7·3	7·0	16
AUG	20·3	6·2	13·3	0·8	26·5	26	-1·4	16	12·0	16	15·5	11	0·0	0·0	-
SEP	26·0	8·6	17·3	1·3	31·5	23	2·0	13	12·5	12	14·5	19	0·0	0·0	-
OCT	26·7	8·9	17·8	-0·1	34·7	14	2·7	10	20·5	8	14·3	17	1·5	1·5	19
NOV	30·7	13·0	21·9	1·1	35·9	21	5·0	18	25·0	17	21·7	22	1·5	1·5	22
DEC	30·7	13·8	22·3	0·5	37·1	31	6·8	18	18·8	3	19·0	24	1·0	1·0	15
J/Y	25·8	10·2	18·0	0·3	37·3	-	-2·1	-	7·0	-	21·7	-	122·2	44·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	≋	▲	✕	≡
JAN	0	0	0	0	1	19	0	0	0	0	0	2	0	0	0	0
FEB	2	1	0	0	6	22	0	0	0	0	0	4	2	0	0	0
MAR	0	0	0	0	0	19	0	0	0	0	0	0	3	0	0	0
APR	2	2	1	0	0	5	3	0	0	0	2	0	1	0	0	0
MAY	4	3	3	1	0	0	14	2	0	0	25	0	0	0	0	4
JUN	2	1	0	0	0	0	4	0	0	0	6	0	3	0	0	0
JUL	2	1	0	0	0	0	7	2	0	3	17	0	0	0	0	2
AUG	0	0	0	0	0	0	9	0	0	1	12	0	1	0	0	3
SEP	0	0	0	0	0	-	-	0	0	0	-	0	0	0	0	1
OCT	1	1	0	0	0	5	0	0	0	0	4	0	1	0	0	0
NOV	1	1	0	0	2	17	0	0	0	0	0	1	3	0	0	0
DEC	1	1	0	0	3	19	0	0	0	0	0	0	1	0	0	0
J/Y	15	11	4	1	12	106	37	4	0	4	66	7	15	0	0	10

442/811 ERMELO AGRIC Ø26°31'S P BY/AT 1700GPM HT 1·2M 60
X29°58'E H 1694M HR 1·2M 60

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	832·7	(831·3)	16·3	(22·6)	-	-	-	-	4·1	-
FEB	833·1	(831·2)	15·6	(24·3)	-	(17·1)	-	(48)	4·1	(3·6)
MAR	833·9	-	14·5	-	-	-	-	-	3·2	-
APR	835·0	-	13·0	-	-	-	-	-	3·8	-
MAY	832·4	(830·7)	8·2	(17·3)	-	(9·9)	-	(36)	2·2	(1·6)
JUN	837·9	(836·2)	3·8	(17·2)	-	(8·8)	-	(28)	1·6	(1·6)
JUL	838·3	(837·0)	3·4	(15·9)	-	(8·7)	-	(35)	2·6	(2·0)
AUG	836·9	(835·5)	5·8	(17·8)	-	(8·4)	-	(22)	1·3	(0·6)
SEP	836·8	-	11·1	-	-	-	-	-	2·8	-
OCT	834·5	(832·7)	14·9	(22·7)	-	(13·7)	-	(34)	2·5	(3·3)
NOV	834·5	(832·9)	15·0	(21·1)	-	(15·4)	-	(54)	4·4	(4·9)
DEC	832·5	(831·3)	16·7	(22·3)	-	(16·7)	-	(56)	4·2	(5·1)
J/Y	834·9	-	11·5	-	-	-	-	-	3·1	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	24·5	12·7	18·6	-0·2	28·8	17	5·7	14	19·3	14	16·0	23	97·0	25·5	27
FEB	24·9	12·0	18·5	0·2	29·4	26	5·2	22	15·8	21	15·6	15	89·0	36·5	7
MAR	24·1	10·4	17·3	0·1	29·3	29	4·4	24	17·4	10	15·6	6	86·0	48·0	7
APR	23·2	8·8	16·0	1·5	27·3	3	1·8	18	14·0	30	12·5	14	22·7	13·5	29
MAY	18·8	3·8	11·3	0·5	25·6	10	-2·4	23	10·0	18	10·9	13	28·7	16·0	17
JUN	18·7	1·0	9·9	2·1	22·2	1	-2·6	20	13·0	8	7·8	4	0·0	0·0	-
JUL	16·4	0·6	8·5	0·6	20·6	13	-6·6	30	8·2	18	6·5	14	9·0	6·0	17
AUG	18·8	0·8	9·8	-1·2	24·0	29	-4·2	17	11·0	17	8·2	30	0·0	0·0	-
SEP	22·0	5·4	13·7	-0·6	28·3	26	-5·1	2	10·3	13	-	-	34·0	27·5	13
OCT	23·7	9·2	16·5	-0·1	31·2	17	-1·1	5	13·7	20	14·5	17	72·5	25·0	18
NOV	22·8	10·8	16·8	-0·4	28·9	27	2·4	4	10·4	2	15·4	28	178·5	50·5	17
DEC	23·5	12·7	18·1	-0·4	28·5	15	9·0	3	14·3	19	17·2	16	185·2	65·5	9
J/Y	21·8	7·3	14·5	0·1	31·2	-	-6·6	-	8·2	-	17·2	-	802·6	65·5	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	≋	▲	✕	≡
JAN	-	12	3	1	0	0	0	0	0	0	0	0	11	0	0	0
FEB	-	7	3	1	0	0	1	0	0	0	0	0	6	0	0	0
MAR	-	8	3	1	0	0	1	0	0	0	1	0	4	0	0	0
APR	-	4	1	0	0	0	2	0	0	0	3	0	3	0	0	0
MAY	-	5	1	0	0	0	9	0	0	5	19	0	2	0	0	0
JUN	-	0	0	0	0	0	11	0	1	13	26	0	0	0	0	1
JUL	-	2	0	0	0	0	23	1	3	14	27	0	0	0	0	1
AUG	-	0	0	0	0	0	11	0	3	12	28	0	0	0	0	0
SEP	-	4	1	1	0	0	-	0	-	-	-	0	2	0	1	0
OCT	-	10	2	1	0	3	4	0	0	1	4	0	8	0	0	0
NOV	-	15	4	2	0	0	2	0	0	0	-	0	9	0	0	0
DEC	-	11	6	2	0	0	1	0	0	0	0	0	8	0	0	0
J/Y	-	78	24	9	0	3	-	0	-	-	-	0	53	0	1	2

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

445/273A MDUTSHANE SWAZ φ26°33'S P BY/AT -GPM HT 1·2M 61
λ31°10'E H 750M HR 1·2M 61

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	TL IN°C 08	TL IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	20·9	25·3	-	-	-	-	5·8	6·4
FEB	-	-	20·5	26·1	-	-	-	-	5·3	4·7
MAR	-	-	19·7	25·8	-	-	-	-	4·4	3·6
APR	-	-	19·3	25·3	-	-	-	-	3·6	3·6
MAY	-	-	16·1	23·1	-	-	-	-	2·0	2·5
JUN	-	-	13·8	22·1	-	-	-	-	0·8	1·5
JUL	-	-	13·2	21·3	-	-	-	-	2·4	3·2
AUG	-	-	14·5	22·9	-	-	-	-	2·0	2·7
SEP	-	-	16·2	23·3	-	-	-	-	3·5	3·0
OCT	-	-	18·6	24·4	-	-	-	-	5·0	4·8
NOV	-	-	18·3	23·1	-	-	-	-	5·6	6·6
DEC	-	-	20·3	24·5	-	-	-	-	5·5	5·2
J/Y	-	-	18·0	23·5	-	-	-	-	3·8	4·0

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	26·7	17·0	21·9	-	35·0	17	11·0	15	16·3	13	20·0	28	165·4	42·5	29
FEB	27·3	16·9	22·1	-	33·5	5	12·0	22	21·0	21	20·5	6	115·0	27·5	15
MAR	26·8	15·6	21·2	-	31·5	4	11·3	24	19·0	10	19·5	6	99·6	39·0	10
APR	-	14·6	-	-	-	-	10·0	19	-	-	19·5	25	12·3	7·0	14
MAY	-	10·1	-	-	-	-	5·6	24	-	-	16·9	12	50·0	24·5	17
JUN	23·7	8·4	16·1	-	29·5	6	4·5	11	20·0	25	13·5	3	0·0	0·0	-
JUL	22·1	8·5	15·3	-	26·9	11	5·3	21	16·5	4	12·0	16	12·1	5·5	8
AUG	23·7	8·7	16·2	-	34·0	30	5·7	10	12·5	17	16·8	30	4·3	2·0	31
SEP	24·7	10·5	17·6	-	34·5	9	6·4	2	12·0	13	19·5	25	43·5	38·5	13
OCT	26·2	13·5	19·9	-	35·5	30	5·8	5	15·5	20	19·5	31	79·4	24·5	19
NOV	25·1	14·5	19·8	-	32·7	27	9·9	3	14·4	2	18·4	13	76·6	14·6	7
DEC	27·7	16·1	21·9	-	37·2	17	11·5	3	19·2	6	21·0	16	95·2	43·5	17
J/Y	-	12·9	-	-	-	-	4·5	-	-	-	21·0	-	749·4	43·5	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REËN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☒	▲	✕	≋
JAN	15	12	5	2	0	8	0	0	0	0	0	0	7	0	0	9
FEB	12	10	6	1	0	2	0	0	0	0	0	1	4	0	0	4
MAR	9	6	4	2	0	-	0	0	0	0	0	0	7	0	0	0
APR	5	2	0	0	-	-	-	-	0	0	0	0	4	0	0	0
MAY	5	5	2	0	-	-	-	-	0	0	0	0	3	1	0	0
JUN	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
JUL	3	3	0	0	0	0	2	0	0	0	0	0	0	0	0	0
AUG	3	3	0	0	0	3	3	0	0	0	0	0	0	0	0	-
SEP	4	2	1	1	0	4	3	0	0	0	0	0	0	0	0	4
OCT	9	6	4	0	1	5	1	0	0	0	0	0	3	0	0	4
NOV	19	14	3	0	0	2	2	0	0	0	0	0	6	0	0	9
DEC	19	15	4	1	2	6	0	0	0	0	0	1	1	0	0	4
J/Y	101	78	29	7	-	-	-	-	0	0	2	2	35	1	0	-

474/741 CARLETONVILLE φ26°21'S P BY/AT -GPM HT 1·2M 81
λ27°25'E H 1521M HR 1·2M 81

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	TL IN°C 08	TL IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	18·3	25·4	15·2	16·7	72	40	3·4	4·0
FEB	-	-	18·4	26·0	15·8	17·6	76	42	1·9	4·5
MAR	-	-	17·1	25·7	14·2	16·2	73	35	2·5	4·0
APR	-	-	14·8	23·4	12·3	14·4	75	35	2·4	3·1
MAY	-	-	8·3	18·0	6·4	10·0	76	33	2·2	2·0
JUN	-	-	4·8	18·9	3·4	9·4	80	24	0·9	0·9
JUL	-	-	6·3	17·3	4·7	9·2	78	31	2·2	1·7
AUG	-	-	7·0	19·6	3·8	9·0	59	18	0·7	0·5
SEP	-	-	13·1	23·2	8·2	11·7	50	20	1·2	2·0
OCT	-	-	16·8	25·0	11·8	13·9	55	25	2·4	3·7
NOV	-	-	18·2	24·8	14·5	16·1	67	39	2·7	4·8
DEC	-	-	18·9	24·5	15·9	17·2	73	47	4·0	5·1
J/Y	-	-	13·5	22·7	10·5	13·5	69	32	2·2	3·0

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	26·7	12·9	19·8	-	30·8	21	5·2	15	20·7	24	16·6	1	128·0	45·0	6
FEB	27·4	13·4	20·4	-	32·0	27	9·6	22	20·3	15	16·3	28	64·4	28·7	8
MAR	26·9	11·4	19·1	-	30·8	30	5·7	20	19·7	18	16·2	6	29·5	10·8	15
APR	24·5	9·2	16·9	-	29·5	5	3·2	30	12·7	30	12·5	29	83·4	24·8	6
MAY	18·9	3·3	11·1	-	24·2	10	-2·2	28	9·7	16	11·6	13	33·9	12·2	11
JUN	19·6	0·7	10·1	-	23·3	6	-3·1	21	12·8	9	8·2	4	2·3	1·3	8
JUL	18·2	-	-	-	20·8	30	-	-	10·0	17	-	-	13·8	10·0	17
AUG	20·4	0·4	10·4	-	25·2	30	-4·0	7	13·3	31	4·8	5	0·0	0·0	-
SEP	24·4	4·9	14·5	-	31·0	28	-5·2	2	13·7	13	13·2	30	0·3	0·3	11
OCT	26·3	9·9	18·1	-	33·5	17	-2·4	6	15·0	5	17·2	18	72·6	39·3	19
NOV	26·3	12·4	19·3	-	33·2	27	8·2	20	17·3	3	17·2	29	109·5	29·0	9
DEC	25·9	14·0	19·9	-	30·8	16	10·3	5	17·2	6	19·7	16	130·4	27·0	21
J/Y	23·8	-	-	-	33·5	-	-	-	9·7	-	19·7	-	668·1	45·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REËN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☒	▲	✕	≋
JAN	17	10	5	1	0	1	0	0	0	0	0	0	18	1	0	0
FEB	10	8	2	1	0	5	0	0	0	0	0	0	10	0	0	1
MAR	6	3	2	0	0	5	0	0	0	0	0	0	7	0	0	0
APR	10	8	4	0	0	0	2	0	0	0	2	0	8	3	0	0
MAY	7	5	2	0	0	0	10	2	0	6	24	0	1	0	0	2
JUN	3	1	0	0	0	0	3	0	2	16	26	0	0	0	0	0
JUL	2	2	1	0	0	0	7	0	-	-	-	-	0	0	0	0
AUG	0	0	0	0	0	0	4	0	1	-	-	0	0	0	0	1
SEP	1	0	0	0	0	-	2	0	2	3	14	0	1	0	0	0
OCT	18	8	2	1	0	8	1	0	0	2	6	0	14	0	0	0
NOV	9	7	6	1	0	4	1	0	0	0	0	0	11	0	0	0
DEC	14	11	5	1	0	3	1	0	0	0	0	0	10	0	0	0
J/Y	97	63	29	5	0	-	31	2	-	-	-	-	80	4	0	4

476/ 72 JOHANNESBURG / JOUBERT PARK

Ø26°12'S P BY/AT -GPM HT 1·2M 82
λ28°03'E H 1753M HR 1·2M 82

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	17·7	23·3	14·9	-	74	-	4·0	4·7
FEB	-	-	18·2	23·9	15·3	17·4	73	52	2·4	5·2
MAR	-	-	16·9	23·3	14·0	16·4	73	49	2·6	3·8
APR	-	-	14·6	21·7	11·9	14·7	73	45	2·9	3·1
MAY	-	-	9·9	16·7	6·9	10·1	65	41	2·1	1·8
JUN	-	-	9·6	17·2	6·3	9·5	61	33	0·6	0·9
JUL	-	-	8·3	15·2	5·9	-	70	-	1·9	1·9
AUG	-	-	9·6	17·7	5·6	-	53	-	0·8	0·7
SEP	-	-	13·0	21·1	8·7	12·1	55	25	1·2	1·9
OCT	-	-	16·0	23·2	11·6	-	58	-	2·1	3·0
NOV	-	-	16·8	23·0	13·2	15·4	67	43	3·4	4·5
DEC	-	-	17·6	22·3	(14·4)	(16·3)	(74)	(59)	4·5	4·9
J/Y	-	-	14·0	20·7	(10·7)	-	(66)	-	2·4	3·0

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	24·4	14·2	19·3	-0·4	27·6	17	9·0	14	17·0	25	17·3	28	77·4	27·5	25
FEB	25·0	14·7	19·9	0·6	28·5	26	9·6	22	16·6	15	17·8	20	98·9	47·0	15
MAR	24·5	13·6	19·1	0·8	28·6	29	6·6	19	17·7	10	18·3	29	54·8	31·0	6
APR	22·7	12·1	17·4	1·1	27·2	5	3·2	30	12·5	30	16·2	3	71·2	32·0	29
MAY	17·6	6·9	12·3	-0·8	25·0	10	1·3	16	8·5	17	12·7	11	26·2	8·0	11
JUN	18·2	6·7	12·5	1·8	22·0	6	2·9	10	12·7	9	11·9	3	8·0	8·0	8
JUL	16·3	5·8	11·1	0·6	19·2	22	0·9	18	8·7	17	9·8	8	14·1	13·4	17
AUG	18·6	6·1	12·3	-0·9	24·4	30	0·5	17	9·9	31	12·2	30	0·0	0·0	-
SEP	22·3	9·9	16·1	0·2	28·0	29	1·5	14	11·0	13	16·5	29	7·5	7·5	13
OCT	24·4	12·0	18·2	0·3	32·0	17	2·5	5	14·0	5	19·0	18	41·8	19·7	19
NOV	-	13·2	-	-	-	-	7·1	3	-	-	18·0	28	135·2	45·0	2
DEC	-	14·3	-	-	-	-	10·7	20	-	-	19·0	17	154·9	52·0	17
J/Y	-	10·8	-	-	-	-	0·5	-	-	-	19·0	-	690·0	52·0	-

AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ☁	▲	✕	≡
JAN	11	11	2	1	0	0	1	0	0	0	0	0	7	1	0	0
FEB	7	5	4	1	0	0	1	0	0	0	0	0	11	2	0	0
MAR	8	7	2	1	0	0	0	0	0	0	0	0	3	1	0	0
APR	12	9	2	1	0	0	3	0	0	0	1	0	7	0	0	0
MAY	6	6	0	0	0	0	14	1	0	0	12	0	1	0	0	0
JUN	1	1	0	0	0	0	12	0	0	0	8	0	1	0	0	0
JUL	2	1	1	0	0	0	24	2	0	0	7	0	0	0	0	0
AUG	0	0	0	0	0	0	12	1	0	0	10	0	0	0	0	0
SEP	1	1	0	0	0	0	4	0	0	0	3	0	0	0	0	0
OCT	8	7	1	0	0	2	3	0	0	0	2	0	-	-	-	-
NOV	15	10	5	2	-	-	-	-	0	0	0	0	3	2	0	0
DEC	13	12	6	1	-	-	-	-	0	0	0	0	-	-	-	-
J/Y	84	70	23	7	-	-	-	-	0	0	43	0	-	-	-	-

476/154 FRANKENWALD

Ø26°04'S P BY/AT -GPM HT 1·2M 83
λ28°06'E H 1509M HR 1·2M 83

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	18·8	24·4	15·6	17·3	72	48	3·9	4·1
FEB	-	-	18·7	24·9	16·0	17·8	75	49	2·1	4·4
MAR	-	-	16·8	25·1	14·2	16·5	76	41	2·6	3·1
APR	-	-	14·4	22·9	12·4	14·6	79	39	2·3	2·7
MAY	-	-	7·3	18·8	-	10·3	-	31	2·1	1·9
JUN	-	-	4·4	19·2	-	9·5	-	23	0·8	0·7
JUL	-	-	5·4	17·6	-	8·9	-	27	1·8	1·8
AUG	-	-	6·8	19·8	3·3	9·1	55	19	0·6	0·9
SEP	-	-	13·6	22·8	8·9	11·9	51	23	1·5	1·3
OCT	-	-	17·9	24·5	-	13·6	-	26	2·7	2·8
NOV	-	-	18·0	24·1	14·3	16·5	67	45	3·8	4·1
DEC	-	-	18·6	23·3	15·8	17·9	75	59	4·8	5·2
J/Y	-	-	13·4	22·3	-	13·7	-	36	2·4	2·7

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	25·9	12·8	19·3	-	29·3	17	4·6	15	18·0	25	16·4	2	102·8	20·8	25
FEB	26·5	13·1	19·8	-	29·6	26	9·0	22	19·7	15	16·9	15	87·2	37·0	15
MAR	25·8	11·3	18·5	-	30·7	30	7·4	14	18·7	10	16·4	10	48·8	33·8	6
APR	24·4	8·7	16·5	-	29·1	5	3·9	9	14·9	30	13·0	23	56·7	21·0	29
MAY	19·6	-	-	-	25·0	11	-	-	11·2	17	-	-	20·7	7·6	11
JUN	20·1	-	-	-	23·9	1	-	-	15·9	9	-	-	1·0	1·0	8
JUL	18·2	1·6	9·9	-	22·3	13	-1·7	23	9·6	17	7·4	14	10·3	10·0	17
AUG	20·4	0·9	10·7	-	26·6	30	-2·9	7	13·4	31	3·4	31	0·0	0·0	-
SEP	24·2	5·4	14·8	-	30·0	26	-4·0	2	13·8	13	12·4	30	12·2	12·2	13
OCT	26·7	10·2	18·5	-	34·3	17	-1·1	6	16·6	5	18·5	18	53·4	29·3	19
NOV	25·3	12·1	18·7	-	30·0	27	6·6	4	14·1	3	15·0	17	124·3	39·5	9
DEC	25·3	13·9	19·6	-	30·0	15	11·3	28	16·8	6	17·0	17	152·3	43·0	18
J/Y	25·5	-	-	-	34·3	-	-	-	9·6	-	18·5	-	669·7	43·0	-

AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS

1959	VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF ☁	▲	✕	≡
JAN	18	12	5	0	0	0	0	0	0	0	2	0	19	1	0	0
FEB	9	8	2	1	0	0	0	0	0	0	0	0	10	0	0	1
MAR	9	4	1	1	0	2	0	0	0	0	0	0	2	0	0	1
APR	9	7	1	0	0	0	3	0	0	0	1	0	5	0	0	0
MAY	6	5	0	0	0	0	9	0	-	-	-	-	3	0	0	0
JUN	1	1	0	0	0	0	2	0	-	-	-	-	-	-	-	-
JUL	2	1	1	0	0	0	8	1	0	6	28	0	0	0	0	0
AUG	0	0	0	0	0	0	5	0	1	8	31	0	0	0	0	0
SEP	1	1	1	0	0	0	2	0	1	2	14	0	1	1	0	0
OCT	12	8	1	1	0	8	1	0	0	1	4	0	14	1	0	0
NOV	12	11	4	3	0	0	1	0	0	0	0	0	3	4	0	0
DEC	12	12	7	1	0	0	1	0	0	0	0	0	8	1	0	0
J/Y	91	70	23	7	0	10	32	1	-	-	-	-	-	-	-	-

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

478/837 BETHAL

φ26°27'S P BY/AT -GPM HT 1·2M 84
λ29°28'E H 1640M HR 1·2M 84

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	17·9	23·2	15·4	17·1	77	53	4·3	5·2
FEB	-	-	17·9	25·1	15·3	17·6	76	46	3·3	4·5
MAR	-	-	16·2	23·8	13·7	16·0	76	43	3·5	3·9
APR	-	-	14·0	23·0	12·0	14·5	79	37	3·7	3·8
MAY	-	-	9·9	18·1	7·0	10·4	66	35	2·7	2·3
JUN	-	-	8·1	18·3	5·2	9·1	64	25	0·8	1·6
JUL	-	-	5·8	(16·0)	3·8	(8·8)	73	(35)	1·7	(2·2)
AUG	-	-	7·9	18·6	4·4	9·3	56	24	0·5	0·7
SEP	-	-	13·1	21·2	8·9	12·0	56	30	2·2	2·3
OCT	-	-	16·3	22·9	12·0	14·7	60	40	3·0	4·7
NOV	-	-	16·2	22·6	14·0	17·1	78	57	4·1	5·3
DEC	-	-	17·6	23·4	15·4	18·0	79	59	4·9	5·7
J/Y	-	-	13·4	(21·3)	10·6	(13·7)	70	(40)	2·9	(3·5)

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	25·4	12·7	19·1	-0·3	29·0	18	6·0	13	19·0	25	16·5	28	101·0	36·0	23
FEB	26·2	12·7	19·5	0·5	30·5	26	7·8	22	18·5	21	16·5	20	58·0	23·0	7
MAR	25·3	11·0	18·1	0·4	32·0	29	6·0	24	15·6	10	16·0	6	31·0	7·0	9
APR	23·7	9·3	16·5	1·4	28·8	24	4·0	18	14·0	30	13·2	3	54·0	22·0	29
MAY	18·9	3·7	11·3	-0·2	24·2	10	-3·2	26	12·6	17	11·0	14	20·0	11·0	17
JUN	19·8	0·8	9·9	1·6	22·6	1	-4·0	10	13·0	8	8·2	4	0·0	0·0	-
JUL	17·2	0·8	9·0	0·6	20·2	13	-5·2	30	12·5	17	7·0	14	8·5	8·5	17
AUG	19·3	1·0	10·1	-1·2	25·4	30	-3·8	17	11·5	31	8·8	30	0·0	0·0	-
SEP	22·7	5·7	14·2	-0·4	29·5	29	-5·8	3	12·0	1	-	-	39·0	33·0	13
OCT	24·7	9·5	17·1	-0·2	32·5	18	-1·8	6	15·0	5	15·2	17	62·7	35·0	19
NOV	23·9	11·3	17·6	-0·3	30·0	27	6·4	3	13·5	3	15·5	28	250·0	95·5	14
DEC	24·5	13·9	19·2	0·1	29·6	15	10·5	3	15·8	19	16·5	15	125·7	36·5	10
J/Y	22·6	7·7	15·1	0·2	32·5	-	-5·8	-	11·5	-	-	-	749·9	95·5	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☇	▲	✱	≡
JAN	-	10	3	1	0	0	0	0	0	0	0	0	6	2	0	1
FEB	-	5	2	0	0	1	0	0	0	0	0	0	4	1	0	0
MAR	-	7	0	0	0	2	1	0	0	0	0	0	5	0	0	0
APR	-	6	2	0	0	0	2	0	0	0	2	0	5	0	0	3
MAY	-	2	1	0	0	0	10	0	1	7	-	0	0	0	0	2
JUN	-	0	0	0	0	0	8	0	2	14	26	0	0	0	0	1
JUL	-	1	0	0	0	0	16	0	1	15	27	0	0	0	1	4
AUG	-	0	0	0	0	0	8	0	6	12	27	0	0	0	0	4
SEP	-	3	1	1	0	0	-	0	2	2	-	0	2	0	1	1
OCT	-	8	2	1	0	4	2	0	0	2	4	0	4	1	0	0
NOV	-	12	8	3	0	0	-	0	0	0	0	0	9	1	0	1
DEC	-	10	5	2	0	0	-	0	0	0	0	0	2	0	0	0
J/Y	-	64	24	8	0	7	-	0	12	52	-	0	37	5	2	17

482/689 MANZINI SWAZ
BREMERSDORP

φ26°29'S P BY/AT 600GPM HT 1·2M 85
λ31°23'E H 599M HR 1·2M 85

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	946·5	944·6	22·0	26·7	19·5	21·3	79	60	5·4	5·9
FEB	947·4	945·1	21·5	28·2	19·4	22·2	82	58	5·4	4·7
MAR	949·3	947·5	20·2	27·7	18·4	21·5	84	56	5·3	4·0
APR	949·9	947·3	19·1	28·3	17·0	20·2	81	46	3·7	3·4
MAY	947·2	944·8	15·2	26·0	12·1	16·7	68	36	2·1	2·1
JUN	953·9	952·0	12·8	24·1	10·3	15·7	73	38	1·1	1·8
JUL	954·7	952·1	12·4	22·9	10·1	15·1	74	41	2·6	2·9
AUG	953·5	951·0	13·9	23·9	11·1	15·0	70	35	2·4	2·6
SEP	953·0	950·7	16·4	25·4	13·1	17·3	68	42	3·8	2·7
OCT	950·8	947·1	19·4	24·9	16·9	18·5	78	52	5·2	4·1
NOV	950·5	949·5	20·0	25·5	17·6	20·1	79	60	6·6	5·9
DEC	950·1	948·1	21·2	26·5	18·9	21·1	80	60	5·5	6·2
J/Y	950·6	948·3	17·8	25·8	15·4	18·7	76	49	4·1	3·9

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	28·9	18·5	23·7	0·6	37·5	20	12·1	14	20·0	13	22·0	28	101·5	24·9	1
FEB	29·8	18·6	24·2	1·1	34·4	5	14·4	22	23·6	21	22·2	7	48·5	16·5	15
MAR	28·7	17·3	23·0	0·7	34·1	4	12·7	24	20·0	10	21·0	6	142·0	70·0	9
APR	29·3	16·1	22·7	2·4	36·8	25	12·4	27	22·3	26	21·0	25	2·8	2·0	29
MAY	27·0	10·7	18·9	1·4	35·7	8	6·6	29	15·6	16	17·5	12	73·0	55·0	17
JUN	25·3	8·8	17·1	1·9	30·5	6	5·5	11	21·7	25	13·2	9	0·0	0·0	-
JUL	23·9	9·2	16·5	1·4	28·0	11	4·8	20	16·0	9	13·5	16	11·5	6·5	9
AUG	25·4	9·6	17·5	0·6	35·8	30	7·0	18	15·9	17	15·0	30	3·8	2·3	31
SEP	26·3	11·3	18·8	-0·2	36·5	9	7·0	2	15·0	13	15·4	28	53·1	41·5	13
OCT	27·3	15·3	21·3	0·4	35·6	30	8·9	6	16·6	20	20·6	31	82·3	30·0	19
NOV	27·2	16·4	21·8	0·1	35·5	27	11·4	4	15·1	2	19·6	13	71·1	20·5	14
DEC	28·7	17·9	23·3	0·4	38·5	17	13·0	3	18·2	18	22·5	17	148·6	52·0	18
J/Y	27·3	14·1	20·7	0·9	38·5	-	4·8	-	15·0	-	22·5	-	738·0	70·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☇	▲	✱	≡
JAN	14	9	5	0	3	15	0	0	0	0	0	8	10	0	0	1
FEB	10	7	1	0	0	13	0	0	0	0	0	9	5	0	0	0
MAR	9	6	4	2	0	12	0	0	0	0	0	5	5	0	0	0
APR	3	1	0	0	1	13	0	0	0	0	0	1	3	1	0	0
MAY	5	5	1	1	2	7	1	0	0	0	0	0	3	1	0	0
JUN	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0
JUL	5	2	0	0	0	0	1	0	0	0	1	0	1	0	0	0
AUG	3	1	0	0	1	-	2	0	0	0	0	0	0	0	0	0
SEP	4	3	1	1	1	8	3	0	0	0	0	0	2	0	0	0
OCT	10	8	3	1	2	10	1	0	0	0	0	1	4	0	0	0
NOV	12	12	2	0	1	7	1	0	0	0	0	0	8	0	0	0
DEC	15	12	4	2	3	13	0	0	0	0	0	3	9	0	0	0
J/Y	90	66	21	7	14	-	9	0	0	0	1	25	51	2	0	1

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

519/ 77 BARBERTON TNK φ25°47'S P BY/AT -6PM HT 1·2M 90
λ31°03'E H 852M HR 1·2M 90

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	21·0	27·1	18·4	20·3	77	52	5·4	5·4
FEB	-	-	20·3	27·5	18·2	20·5	90	51	5·8	4·3
MAR	-	-	19·0	27·5	17·0	19·4	82	45	4·6	3·5
APR	-	-	18·5	26·8	16·2	18·7	79	45	3·8	4·0
MAY	-	-	14·3	24·7	11·1	14·9	67	30	1·9	2·2
JUN	-	-	12·3	23·7	9·5	13·9	69	29	0·8	1·1
JUL	-	-	12·0	21·8	9·5	13·7	72	37	1·5	1·9
AUG	-	-	12·7	24·1	9·6	13·5	66	25	1·6	1·4
SEP	-	-	15·3	25·6	12·1	15·5	68	30	2·9	2·3
OCT	-	-	19·1	26·4	15·5	17·7	67	40	4·5	3·5
NOV	-	-	19·0	25·4	-	-	-	-	6·1	5·1
DEC	-	-	20·5	25·2	(18·8)	(20·6)	(80)	(59)	5·1	5·9
J/Y	-	-	17·0	25·5	-	-	-	-	3·7	3·4

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	28·3	18·4	23·3	0·3	36·0	20	13·8	14	20·4	13	22·5	28	121·0	45·5	1
FEB	28·9	18·1	23·5	0·5	33·2	5	13·2	22	23·2	10	21·0	15	106·3	40·3	7
MAR	28·3	17·1	22·7	0·6	34·0	29	13·5	23	19·6	11	21·0	6	46·5	17·4	9
APR	27·8	16·7	22·3	1·4	34·0	25	12·2	24	19·0	23	20·3	8	5·4	3·1	4
MAY	25·4	11·9	18·7	0·4	33·0	8	6·1	18	17·1	16	17·0	12	95·4	45·0	15
JUN	24·4	10·9	17·7	1·6	30·0	6	7·4	11	17·6	17	15·8	9	0·3	0·3	17
JUL	25·0	10·9	16·9	0·8	27·0	23	7·9	10	16·8	9	14·6	8	0·0	0·0	-
AUG	24·9	10·8	17·9	0·2	33·2	30	7·0	20	16·8	17	16·0	30	1·0	1·0	5
SEP	26·6	12·8	19·7	0·0	34·4	9	6·8	14	14·4	10	17·4	29	48·8	48·8	13
OCT	27·4	16·1	21·7	0·4	38·3	31	10·0	7	16·5	20	25·0	18	26·8	9·0	20
NOV	26·6	16·5	21·5	-0·2	35·2	27	11·5	3	15·2	2	20·0	28	78·7	18·6	15
DEC	27·1	17·7	22·4	-0·4	35·6	17	13·8	3	17·8	6	22·7	16	183·9	34·0	18
J/Y	26·6	14·8	20·7	0·4	38·3	-	6·1	-	14·4	-	25·0	-	714·1	48·8	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REËN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP ≥35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	≋	▲	✱	≡
JAN	11	11	4	1	2	9	0	0	0	0	0	5	7	1	0	0
FEB	7	7	4	2	0	8	0	0	0	0	0	4	7	0	0	0
MAR	8	6	1	0	0	12	0	0	0	0	0	3	3	0	0	0
APR	4	2	0	0	0	7	0	0	0	0	0	1	-	0	0	0
MAY	6	6	2	2	0	2	1	0	0	0	0	0	1	1	0	0
JUN	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
JUL	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
AUG	1	1	0	0	0	2	1	0	0	0	0	0	1	0	0	0
SEP	1	1	1	1	0	8	2	0	0	0	0	0	1	0	0	0
OCT	11	8	0	0	2	11	1	0	0	0	0	4	9	0	0	0
NOV	11	9	2	0	1	5	-	0	0	0	0	0	8	0	0	0
DEC	17	15	7	3	1	9	0	0	0	0	0	3	8	1	0	0
J/Y	78	66	21	9	6	73	-	0	0	0	0	20	-	3	0	0

548/280 SAULSPOORT HOSPITAL φ25°10'S P BY/AT -6PM HT 1·2M 69
λ27°10'E H 1158M HR 1·2M 69

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	(21·8)	(27·6)	(18·1)	(20·3)	(70)	(50)	(3·0)	(3·7)
FEB	-	-	22·5	28·3	18·7	20·8	70	50	2·5	3·1
MAR	-	-	20·7	28·4	17·2	19·1	70	40	2·6	3·0
APR	-	-	18·6	27·1	14·9	18·2	67	41	1·9	2·3
MAY	-	-	10·4	(23·3)	8·3	(13·7)	75	(32)	1·3	(1·3)
JUN	-	-	8·5	22·7	6·2	12·8	71	28	0·6	1·0
JUL	-	-	(9·0)	-	(7·0)	-	(75)	-	(2·9)	-
AUG	-	-	11·8	23·2	6·9	12·1	48	22	0·4	0·7
SEP	-	-	19·0	(27·7)	-	(14·3)	-	(18)	0·2	(0·9)
OCT	-	-	21·9	30·0	14·8	17·1	45	24	2·5	2·7
NOV	-	-	21·6	(28·9)	16·6	(19·0)	60	(38)	3·5	(2·8)
DEC	-	-	-	-	-	-	-	-	-	-
J/Y	-	-	-	-	-	-	-	-	-	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	(29·1)	(15·7)	(22·4)	(-1·5)	34·2	17	7·5	15	-	-	-	-	137·1	40·5	6
FEB	30·3	16·4	23·3	0·4	33·0	26	13·1	17	23·0	15	19·6	28	85·7	41·2	15
MAR	29·7	14·4	22·1	0·6	34·1	5	10·5	26	21·2	10	19·1	6	23·1	19·7	10
APR	28·4	12·2	20·3	1·4	34·2	5	5·2	9	20·2	30	16·8	4	56·3	22·0	29
MAY	23·9	5·1	14·5	-0·5	29·7	8	-0·7	26	16·3	12	14·3	12	31·5	24·0	11
JUN	23·6	4·2	13·9	1·8	27·7	6	0·3	-	19·1	8	11·8	8	0·0	0·0	-
JUL	-	-	-	-	-	-	-	-	-	-	-	-	16·1	11·5	17
AUG	24·2	5·0	14·6	-0·5	30·8	30	1·0	4	18·7	31	12·0	30	0·0	0·0	-
SEP	29·0	9·7	19·3	-0·2	34·4	26	0·5	3	-	-	-	-	2·1	2·1	12
OCT	31·6	14·4	23·0	0·7	38·6	17	3·1	6	-	-	-	-	16·5	4·4	27
NOV	(30·6)	(15·6)	(23·1)	(0·4)	-	-	-	-	-	-	-	-	84·7	24·6	17
DEC	-	-	-	-	-	-	-	-	-	-	-	-	177·6	39·5	19
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	630·7	41·2	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REËN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP ≥35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	≋	▲	✱	≡
JAN	12	11	4	2	0	-	0	0	0	0	0	0	11	0	0	3
FEB	6	6	3	1	0	16	0	0	0	0	0	0	13	0	0	0
MAR	4	2	1	0	0	-	0	0	0	0	0	0	2	0	0	0
APR	8	7	2	0	0	8	0	0	0	0	0	0	6	0	0	0
MAY	3	3	1	0	0	0	2	0	0	1	18	0	1	0	0	0
JUN	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
JUL	2	2	1	0	-	-	-	-	-	-	-	-	0	0	0	0
AUG	0	0	0	0	0	1	0	0	0	0	16	0	0	0	0	0
SEP	1	1	0	0	0	-	-	0	0	0	-	0	0	0	0	0
OCT	6	5	0	0	-	-	0	0	0	0	-	-	11	0	0	0
NOV	8	8	3	0	-	-	0	0	0	0	0	-	9	0	0	0
DEC	14	12	5	3	-	-	-	-	-	-	-	-	0	0	0	0
J/Y	64	57	20	6	-	-	-	-	-	-	-	-	53	0	0	3

KLIMAATTABELLE — CLIMATOLOGICAL TABLES
STASIES VAN DIE TWEEDE ORDE — SECOND ORDER STATIONS

554/351 SANTA LOWER FARM — Ø25°21' S P BY/AT -GPM HT 1·2M 07
X30°12' E H 1875M HR 1·2M 07

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-	-	-
MAR	-	-	15·1	19·9	-	-	-	-	-	-
APR	-	-	13·7	19·8	11·8	14·3	80	57	3·0	3·8
MAY	-	-	10·2	17·3	7·0	10·7	64	44	1·5	1·8
JUN	-	-	7·3	17·2	4·5	9·1	65	32	1·0	1·4
JUL	-	-	6·0	14·5	4·2	8·7	76	45	0·5	1·7
AUG	-	-	8·9	16·3	5·4	8·5	59	33	0·5	1·1
SEP	-	-	12·7	18·8	8·8	11·9	60	44	0·9	2·0
OCT	-	-	14·8	19·7	11·7	13·8	62	52	1·8	3·9
NOV	-	-	15·2	19·0	12·9	14·6	78	63	2·0	3·9
DEC	-	-	16·3	20·0	14·3	15·9	81	66	2·9	3·7
J/Y	-	-	-	-	-	-	-	-	-	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	/ D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAR	20·9	9·9	15·4	-	26·5	4	5·6	15	12·5	10	15·0	9	136·3	47·0	5
APR	20·7	9·1	14·9	-	26·2	3	3·5	18	14·0	26	13·8	4	28·2	12·5	29
MAY	18·1	4·7	11·4	-	23·0	9	-1·9	26	9·0	17	12·5	11	48·6	29·5	17
JUN	17·6	2·7	10·1	-	21·5	6	-1·2	29	11·2	25	8·4	3	0·0	0·0	-
JUL	15·3	1·9	8·6	-	20·4	23	-1·5	30	8·0	5	7·7	16	9·9	4·5	17
AUG	17·1	2·4	9·7	-	23·0	30	-1·6	21	7·0	9	6·9	30	2·9	1·5	9
SEP	20·0	5·5	12·7	-	26·6	26	-2·5	2	9·1	10	12·9	26	59·2	54·0	13
OCT	21·4	9·1	15·3	-	29·3	16	-0·5	5	10·4	20	14·9	18	72·5	9·0	19
NOV	20·4	9·7	15·1	-	27·0	27	2·8	4	8·0	3	14·5	27	201·4	36·0	13
DEC	21·3	11·7	16·5	-	26·7	14	8·5	6	11·0	6	17·4	16	166·8	50·0	18
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1959	AANTAL DAE VAN REEN ≥0·1	≥1·0	IN /OF RAIN ≥10	≥25	PERKE VAN /OF >35	>30	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	⚡	▲	✱	≡
JAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	14
FEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	7
MAR	16	13	4	2	0	0	4	0	0	0	0	0	7	0	1	0
APR	7	6	1	0	0	0	5	0	0	0	2	0	5	1	0	0
MAY	6	4	2	1	0	0	10	2	0	3	17	0	4	1	1	0
JUN	0	0	0	0	0	0	13	0	0	2	23	0	0	0	0	3
JUL	4	2	0	0	0	0	24	2	0	7	26	0	0	0	0	3
AUG	4	2	0	0	0	0	11	1	0	7	25	0	1	0	0	5
SEP	5	2	1	1	0	0	10	1	0	2	14	0	2	0	1	8
OCT	18	14	0	0	0	0	7	0	0	1	5	0	9	1	0	-
NOV	18	16	8	2	0	0	4	2	0	0	1	0	6	1	0	13
DEC	19	17	4	2	0	0	3	0	0	0	0	0	2	0	0	10
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

554/816 LYDENBURG VIS — Ø25°06' S P BY/AT -GPM HT 1·2M 93
X30°28' E H 1465 HR 1·2M 93

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	18·9	22·8	16·5	18·1	78	63	3·8	5·0
FEB	-	-	17·7	23·7	15·7	17·3	81	52	3·6	3·5
MAR	-	-	16·6	23·5	14·3	15·9	78	44	3·0	3·7
APR	-	-	15·4	22·7	13·5	15·5	81	45	2·0	3·5
MAY	-	-	11·4	20·3	8·6	11·6	69	32	1·3	1·7
JUN	-	-	10·3	19·6	7·2	10·5	65	28	0·7	1·4
JUL	-	-	8·9	17·4	6·6	10·2	72	38	1·5	2·4
AUG	-	-	10·1	19·3	6·7	9·4	60	23	0·9	1·7
SEP	-	-	13·6	22·1	9·5	12·1	58	27	1·9	2·4
OCT	-	-	16·5	23·3	12·6	14·6	63	37	3·3	4·3
NOV	-	-	17·6	22·4	14·5	16·3	71	53	4·1	4·4
DEC	-	-	18·4	22·2	15·9	17·6	78	63	4·5	5·1
J/Y	-	-	14·6	21·6	11·8	14·1	71	42	2·5	3·3

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	/ D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	24·8	14·8	19·8	-0·3	28·7	17	11·0	15	19·3	7	17·0	11	157·0	58·0	29
FEB	25·3	13·6	19·5	-0·1	28·5	7	7·4	22	19·5	21	17·0	20	86·3	26·0	3
MAR	24·5	12·2	18·3	-0·2	29·6	29	7·1	15	18·0	10	17·0	6	35·6	9·0	5
APR	24·0	10·4	17·2	0·8	28·5	3	4·6	18	17·5	23	14·0	26	21·2	6·5	29
MAY	20·9	5·3	13·1	-0·9	26·2	8	0·0	26	12·0	17	13·4	12	27·6	12·5	16
JUN	20·2	4·8	12·5	1·0	24·1	1	1·9	10	16·5	28	8·8	5	0·0	0·0	-
JUL	18·4	4·5	11·5	0·4	23·2	23	1·2	18	13·8	5	8·5	5	7·6	4·5	9
AUG	20·3	4·5	12·4	-0·9	26·7	30	-0·5	21	12·5	9	9·0	9	2·9	2·2	5
SEP	23·2	7·2	15·2	-0·6	29·5	26	-0·6	2	14·0	1	13·0	29	38·4	35·4	14
OCT	24·8	11·1	17·9	0·0	33·0	17	3·0	5	16·7	21	18·2	18	55·7	16·0	23
NOV	24·2	12·4	18·3	-0·6	29·7	1	8·5	3	14·3	3	16·7	28	133·8	30·0	30
DEC	24·0	14·3	19·1	-0·6	29·3	14	11·6	11	15·0	6	18·3	17	161·7	36·0	6
J/Y	22·9	9·6	16·3	-0·1	33·0	-	-0·6	-	12·0	-	18·3	-	727·8	58·0	-

1959	AANTAL DAE VAN REEN ≥0·1	≥1·0	IN /OF RAIN ≥10	≥25	PERKE VAN /OF >35	>30	MAX TEMP <17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	⚡	▲	✱	≡
JAN	15	13	5	1	0	0	0	0	0	0	0	0	14	0	0	-
FEB	10	9	4	1	0	0	0	0	0	0	0	0	8	0	0	9
MAR	8	6	0	0	0	0	0	0	0	0	0	0	5	0	0	-
APR	4	4	0	0	0	0	0	0	0	0	1	0	4	0	0	4
MAY	6	5	1	0	0	0	4	0	0	0	17	0	2	1	1	0
JUN	0	0	0	0	0	0	4	0	0	0	17	0	0	0	0	0
JUL	3	3	0	0	0	0	9	0	0	0	18	0	1	0	0	2
AUG	2	1	0	0	0	0	8	0	0	1	16	0	1	0	0	0
SEP	2	2	1	1	0	0	3	0	0	1	8	0	3	0	0	2
OCT	14	11	1	0	0	4	1	0	0	0	2	0	8	0	0	4
NOV	16	15	4	2	0	0	3	0	0	0	0	0	9	0	0	7
DEC	17	15	4	2	0	0	3	0	0	0	0	0	12	0	0	6
J/Y	97	84	20	7	0	4	35	0	0	2	79	0	67	1	1	-

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

557/806 KOMATIPOORT φ25°26'S P BY/AT 06PM HT 1·2M 95
λ31°57'E H 140M HR 1·2M 95

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	1015·3	(1012·2)	24·6	(30·5)	21·3	(23·3)	73	(51)	4·8	(4·6)
FEB	1015·0	(1012·2)	24·6	(31·5)	21·1	(23·3)	72	(47)	3·8	(4·5)
MAR	1017·2	(1014·6)	(22·9)	(30·5)	(20·1)	(22·1)	(76)	(45)	(5·3)	(4·7)
APR	1017·8	(1013·5)	22·0	(31·6)	19·0	(22·5)	75	(42)	3·8	(3·0)
MAY	1016·6	(1012·7)	15·6	(28·8)	13·6	(20·2)	79	(42)	1·7	(1·5)
JUN	1024·1	(1021·1)	12·4	(25·5)	11·1	(17·6)	84	(41)	2·0	(2·4)
JUL	1025·8	(1022·5)	12·4	(25·0)	11·2	(17·8)	86	(46)	2·3	(2·5)
AUG	1023·5	(1020·9)	14·2	(25·4)	12·4	(17·5)	80	(41)	2·5	(2·1)
SEP	1022·6	(1019·1)	17·7	(27·5)	15·1	(18·6)	74	(38)	2·5	(2·4)
OCT	1019·8	(1015·8)	21·9	29·2	18·5	20·6	71	42	4·1	4·6
NOV	1019·0	(1015·1)	22·9	(29·8)	19·0	(21·0)	67	(42)	6·0	(4·5)
DEC	1016·3	(1012·2)	(24·0)	(30·9)	(19·3)	(22·1)	(62)	(43)	4·7	(5·0)
J/Y	1019·4	(1016·0)	(19·6)	(28·6)	(16·8)	(20·5)	(75)	(43)	(5·6)	(3·5)

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	33·2	21·0	27·1	0·2	40·7	28	14·8	15	24·5	13	24·5	23	103·0	20·0	17
FEB	33·9	21·5	27·7	1·1	40·8	6	13·8	23	-	-	-	-	25·7	12·5	8
MAR	32·6	(20·1)	(26·5)	(0·6)	41·5	9	14·8	23	-	-	-	-	32·2	15·0	9
APR	33·4	18·3	25·9	2·2	39·5	25	12·7	20	27·0	9	23·0	11	0·0	0·0	-
MAY	(29·9)	12·4	(21·1)	(0·9)	40·5	8	7·8	19	-	-	-	-	104·5	74·5	17
JUN	27·4	10·6	19·0	1·7	31·8	-	3·7	22	-	-	-	-	3·5	2·0	8
JUL	26·2	9·6	17·9	0·4	31·0	7	5·2	21	-	-	-	-	12·5	5·5	17
AUG	27·8	9·4	18·6	-1·2	39·0	30	6·3	13	-	-	-	-	5·5	5·5	5
SEP	28·6	12·8	20·7	-1·4	38·3	9	5·3	2	-	-	-	-	50·0	0·0	13
OCT	30·7	17·5	24·1	-0·2	39·7	16	8·3	8	-	-	-	-	23·1	15·5	20
NOV	31·9	19·2	25·5	0·3	42·5	27	12·4	5	20·4	2	-	-	54·5	23·5	14
DEC	(33·2)	-	-	-	46·7	17	-	-	-	-	-	-	57·5	24·0	18
J/Y	(30·7)	-	-	-	46·7	-	3·7	-	-	-	-	-	472·0	74·5	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	⊠	▲	✱	≡
JAN	-	8	5	0	8	-	0	0	0	0	00	24	-	-	0	24
FEB	-	3	1	0	-	-	0	0	0	0	0	-	-	-	0	-
MAR	-	4	1	0	-	-	0	0	0	0	0	-	-	-	0	-
APR	-	0	0	0	-	-	0	0	0	0	0	-	-	-	0	-
MAY	-	3	3	1	-	-	-	0	0	0	0	-	-	-	0	-
JUN	-	2	0	0	-	-	0	0	0	0	-	0	-	-	-	0
JUL	-	3	0	0	0	-	-	-	-	-	-	-	-	-	-	-
AUG	-	1	0	0	-	-	0	0	0	0	0	0	-	-	0	0
SEP	-	1	.1	1	-	-	0	0	0	0	0	-	-	-	0	-
OCT	-	-	1	0	-	-	0	0	0	0	0	-	-	-	0	-
NOV	-	5	2	0	-	-	0	0	0	0	0	-	-	-	0	-
DEC	-	7	2	0	-	-	0	0	-	-	-	-	-	-	-	-
J/Y	-	-	16	2	-	-	-	-	-	-	-	-	-	-	-	-

568/817 MARIENTAL SWA φ24°37'S P BY/AT 1100GPM HT 1·2M 96
λ17°58'E H 1095M HR 1·2M 96

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	891·3	889·6	22·7	32·6	14·6	17·7	38	18	1·1	2·7
FEB	890·9	889·9	23·0	32·4	16·7	19·5	52	28	1·9	3·2
MAR	892·7	891·5	20·1	31·1	13·9	17·9	49	25	1·8	2·1
APR	893·0	891·8	16·1	28·6	11·0	15·7	53	22	1·0	1·5
MAY	895·4	894·1	6·7	21·9	3·1	10·9	53	21	0·5	0·1
JUN	897·9	896·3	7·1	21·7	4·0	11·9	60	27	1·6	1·6
JUL	898·3	897·0	5·3	20·8	2·2	11·2	57	27	0·7	0·5
AUG	897·5	896·5	7·5	22·2	3·6	11·7	51	24	0·5	0·3
SEP	895·7	894·2	12·8	27·9	6·5	14·1	37	17	1·0	1·0
OCT	893·0	891·3	17·0	30·0	9·8	15·5	37	17	1·4	1·5
NOV	891·9	890·3	21·7	32·5	13·6	17·3	38	18	1·5	2·3
DEC	890·5	889·0	23·4	33·2	14·9	18·6	38	22	0·9	2·3
J/Y	893·6	892·6	15·3	27·9	9·5	15·2	47	22	1·2	1·6

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	35·0	20·1	27·5	0·0	38·1	4	14·2	13	29·2	12	26·0	22	13·0	4·5	30
FEB	34·1	21·2	27·7	1·6	37·1	3	17·8	2	29·0	15	25·6	24	40·0	16·5	5
MAR	32·9	18·6	25·7	1·1	35·4	24	10·0	18	23·0	18	23·0	24	10·0	7·0	14
APR	30·1	14·2	22·1	1·0	35·0	6	3·0	30	17·8	30	22·0	2	3·0	3·0	13
MAY	25·8	6·0	14·9	-1·9	28·8	6	0·6	17	16·7	15	11·0	6	1·0	1·0	20
JUN	22·7	6·9	14·8	1·7	28·8	5	2·2	10	16·2	24	14·0	6	5·5	3·5	6
JUL	22·0	4·7	13·3	0·2	28·1	6	-1·1	18	13·1	17	12·6	6	0·0	0·0	-
AUG	23·6	6·8	15·2	-0·1	29·9	29	-1·9	9	15·3	7	14·6	11	0·4	0·4	11
SEP	29·3	11·0	20·2	0·6	35·6	29	3·6	1	18·6	13	19·0	24	0·0	0·0	-
OCT	31·8	13·8	22·8	0·2	38·4	15	6·1	4	20·0	3	22·1	26	0·4	0·2	18
NOV	34·2	18·3	26·2	0·7	38·4	26	12·5	18	26·8	1	23·6	27	14·9	8·0	4
DEC	35·2	20·1	27·6	0·7	38·9	31	11·2	4	27·0	4	26·1	16	17·0	12·5	16
J/Y	29·6	13·5	21·5	0·4	38·9	-	-1·9	-	13·1	-	26·1	-	105·2	16·5	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	⊠	▲	✱	≡
JAN	4	4	0	0	16	29	0	0	0	0	0	18	8	0	0	0
FEB	9	8	1	0	11	27	0	0	0	0	0	17	8	0	0	0
MAR	3	3	0	0	5	28	0	0	0	0	0	11	9	0	0	11
APR	1	1	0	0	0	18	0	0	0	0	1	1	1	0	0	0
MAY	1	1	0	0	0	0	4	0	0	0	8	0	0	0	8	0
JUN	2	2	0	0	0	0	1	0	0	0	7	0	2	0	7	0
JUL	0	0	0	0	0	0	5	0	0	3	15	0	0	0	0	0
AUG	1	0	0	0	0	0	2	0	0	1	12	0	2	0	0	0
SEP	0	0	0	0	1	15	0	0	0	0	4	0	0	0	0	0
OCT	2	0	0	0	7	23	0	0	0	0	0	2	3	0	0	0
NOV	3	2	0	0	12	28	0	0	0	0	0	11	6	0	0	0
DEC	4	2	1	0	22	28	0	0	0	0	0	18	3	0	0	0
J/Y	30	23	2	0	74	196	12	0	0	4	47	78	42	0	0	1

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

589/594 TOWOOMBA AGRIC φ24°54'S P BY/AT 1100GPM HT 1·2M 98
λ28°20'E H 1139M HR 1·2M 98

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	893·8	892·0	22·3	27·6	18·2	19·5	67	46	3·5	5·6
FEB	893·7	892·0	21·6	27·6	18·1	19·9	71	48	2·6	4·7
MAR	895·8	894·1	20·2	25·5	16·6	17·5	69	44	2·4	3·9
APR	896·3	894·3	18·9	27·2	14·5	17·1	62	34	1·8	3·8
MAY	894·9	893·1	13·0	23·0	9·5	13·6	63	32	1·8	1·9
JUN	900·5	898·0	11·0	22·5	7·7	12·9	63	30	0·7	1·4
JUL	901·9	900·0	10·9	20·7	7·7	12·0	64	32	1·4	2·5
AUG	900·2	897·9	12·1	22·8	7·4	11·9	50	23	0·7	1·0
SEP	898·3	895·7	16·7	26·6	10·3	13·5	42	18	0·4	1·3
OCT	895·7	892·7	21·0	29·7	14·0	16·6	45	23	2·2	4·0
NOV	895·7	893·6	21·2	27·6	16·4	18·3	61	39	3·4	4·5
DEC	893·8	893·0	22·2	26·8	18·1	19·7	67	51	4·0	5·7
J/Y	896·7	894·7	17·6	25·6	13·2	16·0	60	35	2·1	3·4

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	29·3	16·2	22·7	-0·5	33·5	5	8·5	14	22·0	7	19·8	20	55·3	12·0	12
FEB	29·0	15·9	22·5	-0·3	32·8	27	12·0	22	24·0	15	20·0	20	81·0	18·3	6
MAR	28·0	14·3	21·1	-0·2	34·0	5	10·3	19	19·7	10	19·5	9	86·1	49·5	10
APR	28·3	12·2	20·3	1·5	32·6	5	7·2	9	19·2	30	15·7	29	19·8	15·0	29
MAY	23·9	6·2	15·1	0·2	31·4	9	0·9	23	16·2	17	16·5	11	21·1	10·7	14
JUN	23·3	4·6	13·9	1·9	28·0	3	-0·2	10	20·2	29	10·0	8	0·0	0·0	-
JUL	21·7	4·9	13·3	1·3	26·5	13	-0·5	30	15·0	18	11·5	5	1·0	1·0	17
AUG	23·6	4·3	13·9	-1·2	30·8	30	-0·9	7	17·3	31	8·4	5	0·0	0·0	-
SEP	27·7	8·6	18·1	-0·8	33·2	26	0·7	2	19·0	1	19·8	21	0·1	0·1	12
OCT	30·9	13·8	22·3	0·6	36·0	17	-0·2	6	22·7	5	22·8	17	21·1	12·5	30
NOV	29·7	15·5	22·6	0·0	34·5	28	9·0	4	23·2	3	19·3	28	115·5	19·0	17
DEC	28·6	17·0	22·8	-0·7	33·8	15	12·7	8	17·5	6	22·5	17	110·7	59·6	6
J/Y	27·0	11·1	19·1	0·2	36·0	-	-0·9	-	15·0	-	22·8	-	511·7	59·6	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	⧫	▲	✕	≡
JAN	11	10	1	0	0	15	0	0	0	0	0	0	14	0	0	0
FEB	9	8	3	0	0	10	0	0	0	0	0	0	5	0	1	0
MAR	7	4	2	1	0	10	0	0	0	0	0	0	2	0	0	0
APR	3	2	1	0	0	9	0	0	0	0	0	0	1	0	0	0
MAY	4	4	1	0	0	2	2	0	0	0	14	0	2	0	0	0
JUN	0	0	0	0	0	0	0	0	0	1	21	0	0	0	0	0
JUL	1	1	0	0	0	0	2	0	0	1	18	0	0	0	0	0
AUG	0	0	0	0	0	1	1	0	0	1	18	0	0	0	0	0
SEP	1	0	0	0	0	10	0	0	0	0	5	0	1	0	0	0
OCT	9	5	1	0	7	20	0	0	0	1	1	1	6	1	0	0
NOV	16	14	6	0	0	15	0	0	0	0	0	0	11	0	0	0
DEC	12	9	2	1	0	10	0	0	0	0	0	3	3	0	0	0
J/Y	73	57	17	2	7	102	5	0	0	4	77	4	46	1	0	1

591/653 ROOIBOKKOP VIS φ24°53'S P BY/AT -GPM HT 1·2M 99
λ29°22'E H 853M HR 1·2M 99

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	23·3	29·6	20·2	22·2	75	51	3·6	4·9
FEB	-	-	22·6	30·2	19·5	21·7	74	45	3·1	3·9
MAR	-	-	21·1	30·3	17·3	19·5	67	34	3·3	3·4
APR	-	-	18·3	28·9	15·2	18·5	71	34	2·1	3·1
MAY	-	-	10·5	24·5	-	-	-	-	2·2	1·6
JUN	-	-	7·2	23·7	-	-	-	-	1·0	1·2
JUL	-	-	7·5	22·4	-	13·4	-	32	1·7	2·1
AUG	-	-	9·7	24·6	6·8	14·8	64	30	0·7	0·9
SEP	-	-	15·9	27·2	11·1	15·4	54	24	1·5	1·0
OCT	-	-	21·9	30·6	16·1	18·6	53	28	2·7	2·8
NOV	-	-	22·7	29·3	17·9	19·9	61	40	3·7	3·0
DEC	-	-	23·2	28·7	19·3	20·4	68	45	4·7	4·7
J/Y	-	-	17·0	27·5	-	-	-	-	2·5	2·7

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	31·5	18·5	25·0	-	36·7	28	12·4	14	24·4	7	21·0	23	149·4	58·0	30
FEB	31·8	18·0	24·9	-	34·8	26	14·3	22	26·6	1	22·1	15	24·4	6·5	4
MAR	31·3	16·4	23·9	-	37·0	5	12·2	25	23·0	10	22·2	9	16·3	13·0	10
APR	29·9	13·2	21·5	-	34·6	5	9·2	20	19·5	23	16·1	14	21·3	10·5	29
MAY	25·6	5·9	15·7	-	33·0	10	0·8	28	15·2	17	16·0	12	21·9	8·0	12
JUN	24·9	2·9	13·9	-	29·6	1	-0·6	22	21·7	8	8·4	8	0·1	0·1	9
JUL	23·7	3·7	13·7	-	26·4	13	-0·8	23	17·5	18	13·1	14	3·7	2·9	9
AUG	25·7	4·0	14·9	-	32·5	30	-0·5	7	19·7	9	9·2	9	2·0	2·0	9
SEP	28·5	8·8	18·7	-	35·9	29	-1·1	3	16·5	13	16·1	27	5·0	2·8	12
OCT	31·7	15·5	23·6	-	38·2	17	6·1	6	24·2	6	21·2	19	99·1	56·3	14
NOV	31·1	16·6	23·9	-	36·3	27	10·7	4	24·0	20	20·0	9	125·4	26·7	19
DEC	30·7	18·0	24·3	-	36·4	16	14·4	7	20·5	7	21·5	15	95·9	48·5	6
J/Y	28·9	11·8	20·3	-	38·2	-	-1·1	-	15·2	-	22·2	-	564·5	58·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	⧫	▲	✕	≡
JAN	14	11	4	2	2	19	0	0	0	0	0	5	0	9	0	0	0
FEB	11	7	0	0	0	23	0	0	0	0	0	4		8	0	0	0
MAR	5	2	1	0	3	22	0	0	0	0	0	3		1	0	0	0
APR	7	3	1	0	0	19	0	0	0	0	0	0		6	0	0	0
MAY	7	4	0	0	0	5	1	0	0	0	17	0		0	0	0	0
JUN	1	0	0	0	0	0	0	0	0	3	20	0		0	0	0	0
JUL	3	1	0	0	0	0	0	0	0	2	22	0		-	0	0	-
AUG	1	1	0	0	0	1	0	0	0	1	20	0		2	0	0	0
SEP	2	2	0	0	2	11	1	0	0	1	5	0		2	0	0	0
OCT	12	4	4	1	9	19	0	0	0	0	0	3		6	1	0	0
NOV	12	9	7	1	3	20	0	0	0	0	0	0		9	0	0	0
DEC	14	12	2	1	5	20	0	0	0	0	0	5		9	0	0	0
J/Y	89	56	19	5	24	159	2	0	0	7	84	20		-	1	0	-

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

679/289 PUSELLA TZANEEN Ø23°49'S P BY/AT -GPM HT 1·2M 95
λ30°10'E H 749M HR 1·2M 95

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	21·5	-	19·7	-	84	-	6·0	-
FEB	-	-	20·5	26·5	19·3	21·7	89	65	5·7	4·0
MAR	-	-	19·2	26·5	18·0	20·3	89	55	5·4	4·0
APR	-	-	18·4	26·8	16·9	19·6	86	49	4·1	3·4
MAY	-	-	13·2	26·2	11·2	16·6	78	34	1·5	1·4
JUN	-	-	10·1	24·0	9·0	14·9	86	34	1·3	1·6
JUL	-	-	11·5	22·3	10·0	14·3	83	39	2·8	2·7
AUG	-	-	12·1	24·1	9·9	13·9	75	27	1·7	1·5
SEP	-	-	15·4	25·8	12·6	15·8	72	33	2·5	2·2
OCT	-	-	19·9	27·6	16·3	18·7	68	40	5·0	3·5
NOV	-	-	20·1	25·4	17·4	19·3	76	55	5·6	3·9
DEC	-	-	21·1	26·7	18·9	20·8	80	57	6·1	5·0
J/Y	-	-	16·9	-	14·9	-	81	-	4·0	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	28·1	17·6	22·9	-0·5	34·6	17	13·0	15	22·5	7	20·2	6	280·7	76·5	7
FEB	28·0	17·3	22·7	-0·4	33·1	7	11·5	26	23·2	10	21·4	9	178·7	36·0	20
MAR	27·5	15·7	21·6	-0·5	34·0	18	10·5	24	21·0	19	20·5	6	46·8	8·7	9
APR	27·9	14·4	21·1	1·0	35·0	8	8·5	20	22·1	9	18·8	6	8·7	5·6	29
MAY	26·9	7·1	17·0	0·2	34·0	8	2·4	26	19·6	18	14·0	16	1·4	1·0	13
JUN	24·6	5·8	15·2	1·0	30·4	1	2·0	14	19·5	17	14·6	4	4·4	3·1	17
JUL	23·2	7·6	15·4	1·3	26·4	12	2·5	21	14·4	5	15·3	16	14·1	8·0	5
AUG	24·9	6·3	15·6	-0·2	33·3	30	3·5	22	14·4	9	13·1	8	3·7	3·0	9
SEP	26·9	8·8	17·9	-0·6	34·6	26	1·1	2	17·5	10	15·1	13	14·7	9·7	13
OCT	29·0	14·1	21·5	0·6	40·4	31	5·7	8	18·3	19	20·6	28	47·0	15·9	20
NOV	26·9	15·4	21·1	-1·0	36·0	27	10·5	5	14·5	2	19·3	1	211·0	45·0	14
DEC	27·7	17·4	22·5	-0·4	36·5	16	13·5	7	17·0	6	21·4	15	158·7	62·5	18
J/Y	26·8	12·3	19·5	0·0	40·4	-	1·1	-	14·4	-	21·4	-	969·9	76·5	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☇	▲	✕	≡
JAN	17	15	6	4	0	12	0	0	0	0	0	1	4	0	0	0
FEB	13	13	5	3	0	4	0	0	0	0	0	3	6	0	0	0
MAR	11	11	0	0	0	7	0	0	0	0	0	1	-	0	0	0
APR	5	3	0	0	0	8	0	0	0	0	0	0	3	0	0	0
MAY	2	1	0	0	0	4	0	0	0	0	9	0	1	0	0	0
JUN	4	2	0	0	0	1	0	0	0	0	12	0	1	0	0	0
JUL	3	2	0	0	0	0	1	0	0	0	8	0	0	0	0	0
AUG	2	1	0	0	0	1	2	0	0	0	12	0	0	0	0	0
SEP	6	4	0	0	0	9	0	0	0	0	7	0	1	0	0	0
OCT	8	6	2	0	5	14	0	0	0	0	0	1	5	0	0	0
NOV	12	12	5	4	1	8	1	0	0	0	0	0	6	0	0	0
DEC	12	12	4	2	2	9	1	0	0	0	0	3	6	0	0	0
J/Y	95	82	22	13	8	77	5	0	0	0	48	9	-	0	0	0

716/514 MAHALAPYE BECH Ø23°04'S P BY/AT 1000GPM HT 1·2M AD
λ26°48'E H 1005M HR 1·2M AD

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	902·8	901·2	22·3	28·7	19·0	20·8	72	47	5·1	6·0
FEB	(903·5)	-	(21·4)	-	(17·8)	-	(69)	-	-	-
MAR	905·3	903·0	20·3	27·8	17·1	19·7	72	45	3·7	(4·9)
APR	(905·4)	-	(18·9)	-	(15·1)	-	(66)	-	(2·7)	-
MAY	904·6	(902·2)	13·1	(26·6)	9·1	(15·1)	57	(24)	1·0	(1·3)
JUN	910·3	908·4	9·2	23·5	6·5	14·5	66	34	1·6	2·3
JUL	911·2	909·1	9·9	21·5	7·0	13·1	65	34	3·1	3·5
AUG	909·2	(907·7)	10·9	(23·4)	6·8	(12·8)	53	(24)	0·9	(1·4)
SEP	907·9	904·9	17·0	27·2	11·3	15·5	47	23	1·1	1·3
OCT	904·1	-	24·3	-	16·4	-	42	-	3·0	-
NOV	904·6	901·3	24·3	30·9	17·7	19·1	51	27	4·8	4·6
DEC	902·7	900·2	23·3	29·3	19·1	20·4	66	42	5·7	6·2
J/Y	(906·0)	-	(17·9)	-	(13·6)	-	(61)	-	-	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	31·0	17·3	24·1	-0·5	36·0	17	8·5	14	25·5	8	20·0	24	70·8	37·5	24
FEB	(32·1)	(16·5)	(24·3)	(0·4)	36·0	6	12·0	23	-	-	-	-	90·0	-	-
MAR	29·8	15·2	22·5	0·2	37·0	5	12·0	15	20·0	11	20·0	7	60·8	25·0	9
APR	(29·3)	(13·1)	(21·2)	(1·5)	35·0	4	7·0	21	-	-	-	-	40·0	23·5	25
MAY	27·0	6·9	16·9	1·4	33·0	9	0·0	23	18·0	16	16·5	10	3·9	1·5	14
JUN	24·9	4·9	14·9	2·8	30·0	6	-1·0	10	18·0	29	14·0	29	0·0	0·0	-
JUL	23·3	5·6	14·5	2·5	27·0	12	1·5	23	18·0	18	14·0	5	0·3	0·3	8
AUG	25·1	5·3	15·2	-0·1	33·0	30	1·5	20	20·0	31	10·5	9	0·0	0·0	-
SEP	28·8	9·8	19·3	0·0	35·0	26	2·0	3	21·0	1	17·0	27	0·0	0·0	-
OCT	34·4	16·8	25·6	2·5	39·0	17	8·5	8	-	-	23·0	19	4·8	3·0	28
NOV	33·3	18·4	25·9	1·8	40·0	28	12·5	6	25·5	3	23·5	29	42·0	11·0	18
DEC	32·0	19·6	25·8	1·2	38·0	15	15·0	8	19·0	6	24·5	16	44·6	29·0	6
J/Y	(29·2)	(12·5)	(20·9)	(1·2)	40·0	-	-1·0	-	-	-	-	-	357·2	-	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☇	▲	✕	≡
JAN	9	7	2	1	1	18	0	0	0	0	0	0	6	0	0	0
FEB	-	-	-	-	-	-	0	0	0	0	0	-	2	0	0	0
MAR	7	6	3	0	2	16	0	0	0	0	0	0	2	0	0	0
APR	5	4	1	0	0	-	-	0	0	0	0	-	3	0	0	0
MAY	3	3	0	0	0	6	0	0	0	0	10	0	0	0	0	0
JUN	0	0	0	0	0	0	0	0	0	2	17	0	0	0	0	0
JUL	1	0	0	0	0	0	0	0	0	0	15	0	0	0	0	-
AUG	0	0	0	0	0	1	0	0	0	0	-	0	0	0	0	0
SEP	0	0	0	0	0	10	0	0	0	0	5	0	0	0	0	0
OCT	2	2	0	0	-	-	-	0	0	0	0	-	1	0	0	0
NOV	6	6	2	0	6	23	0	0	0	0	0	4	6	0	0	0
DEC	8	7	1	1	5	23	0	0	0	0	0	12	4	0	0	0
J/Y	-	-	-	-	-	-	-	0	0	2	-	-	24	0	0	-

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

784/630 NEUDAM SWA AGRIC φ22°30'S P BY/AT -GPM HT 1·2M 80
λ17°21'E H 1741M HR 1·2M 80

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	20·3	28·2	15·1	14·9	42	19	2·2	4·2
FEB	-	-	18·8	26·3	14·7	16·0	64	32	2·1	3·9
MAR	-	-	17·2	26·5	12·8	15·6	60	29	2·6	3·1
APR	-	-	13·7	24·7	10·0	13·6	62	25	-	-
MAY	-	-	6·3	21·1	2·7	9·2	53	14	0·3	0·4
JUN	-	-	4·0	19·1	1·3	9·0	60	20	1·5	1·8
JUL	-	-	2·5	18·2	0·1	8·2	62	19	0·2	0·2
AUG	-	-	5·7	20·0	1·9	8·9	48	16	0·1	0·1
SEP	-	-	12·3	25·1	5·5	10·7	31	9	0·8	1·3
OCT	-	-	18·1	27·8	8·4	12·2	21	9	1·3	2·6
NOV	-	-	20·6	28·2	11·8	14·1	32	16	1·8	3·2
DEC	-	-	-	-	-	-	-	-	-	-
J/Y	-	-	-	-	-	-	-	-	-	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	30·2	14·1	22·1	-	32·8	7	8·4	14	25·1	22	21·0	19	64·1	36·0	30
FEB	(27·9)	15·4	(21·7)	-	30·7	27	9·4	15	25·2	16	19·7	21	40·8	8·6	4
MAR	28·1	14·0	21·1	-	30·5	26	8·5	19	22·4	18	18·5	9	80·7	41·8	15
APR	26·5	10·4	18·5	-	30·6	1	-3·1	30	19·2	29	15·5	27	8·2	5·7	11
MAY	-	2·4	-	-	-	-	-4·6	18	-	-	9·0	30	2·5	2·5	2
JUN	-	2·2	-	-	-	-	-3·0	29	-	-	9·0	6	0·0	0·0	-
JUL	19·2	0·1	9·7	-	22·0	15	-6·3	19	15·1	17	5·0	6	0·0	0·0	-
AUG	21·0	3·0	12·0	-	25·8	28	-1·1	5	14·1	8	7·5	15	0·0	0·0	-
SEP	26·3	6·5	16·4	-	29·4	30	-1·2	2	18·5	13	11·6	11	1·5	1·5	21
OCT	28·7	11·2	19·9	-	32·5	16	1·3	4	20·5	4	19·7	25	0·0	0·0	-
NOV	30·1	15·4	22·7	-	34·4	26	11·0	9	19·7	30	21·5	27	16·0	9·9	29
DEC	-	-	-	-	-	-	-	-	-	-	-	-	14·1	4·0	15
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	227·9	41·8	-

1959	AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS VAN REEN /OF RAIN VAN /OF MAX TEMP VAN /OF MIN TEMP VAN /OF	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20	≈	▲	✱	≡
JAN		6	5	2	1	0	19	0	0	0	0	0	1	11	0	0	0
FEB		12	8	0	0	0	4	0	0	0	0	0	0	9	0	0	0
MAR		4	4	3	2	0	4	0	0	0	0	0	0	5	0	0	0
APR		2	2	0	0	0	2	0	0	1	1	1	0	-	-	-	-
MAY		1	1	0	0	-	-	-	-	2	10	20	0	0	0	0	0
JUN		0	0	0	0	-	-	-	-	1	4	22	0	0	0	0	0
JUL		0	0	0	0	0	0	4	0	5	9	24	0	0	0	0	0
AUG		0	0	0	0	0	0	5	0	0	4	22	0	1	0	0	0
SEP		1	1	0	0	0	0	0	0	0	2	9	0	2	0	0	0
OCT		0	0	0	0	0	11	0	0	0	0	4	0	1	0	0	0
NOV		5	3	0	0	0	15	0	0	0	0	0	1	8	0	0	0
DEC		5	5	0	0	-	-	-	-	-	-	-	-	-	-	-	-
J/Y		36	29	5	3	-	-	-	-	-	-	-	-	-	-	-	-

787/838 GOBABIS SWA POS φ22°28'S P BY/AT 1400GPM HT 1·2M AG
λ18°58'E H 1440M HR 1·2M AG

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	860·9	859·9	20·3	30·3	15·3	18·0	59	30	2·0	3·6
FEB	860·1	859·5	20·1	29·1	16·2	17·5	68	31	1·9	3·2
MAR	861·7	861·3	18·6	29·1	13·9	17·0	60	29	2·0	2·5
APR	861·9	861·3	15·8	28·0	11·4	15·4	59	23	1·0	2·5
MAY	861·3	860·9	6·6	23·9	2·9	11·6	54	18	0·2	0·2
JUN	866·6	865·7	5·5	21·4	2·8	11·1	65	26	1·0	0·9
JUL	867·4	866·2	4·8	20·3	1·9	10·7	61	27	0·6	0·4
AUG	866·1	865·1	4·9	21·9	1·6	10·5	55	19	0·0	0·1
SEP	864·6	863·4	13·1	26·9	6·2	12·5	35	13	0·4	0·8
OCT	861·8	860·3	18·5	30·1	9·5	14·3	27	12	1·7	1·7
NOV	861·1	859·9	21·7	30·5	14·1	16·2	42	21	2·0	3·3
DEC	859·7	858·6	22·4	31·2	16·0	17·7	52	24	2·4	3·6
J/Y	862·8	861·8	14·4	26·9	9·3	14·4	53	23	1·3	1·9

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	31·9	16·8	24·3	-0·2	36·3	18	4·7	14	21·6	22	20·4	21	41·8	29·0	31
FEB	30·7	17·7	24·2	0·6	33·8	26	12·7	16	24·3	14	21·6	20	34·1	17·2	14
MAR	30·2	16·3	23·3	1·4	32·7	25	9·7	20	23·1	14	20·3	7	2·6	1·1	10
APR	28·9	13·0	20·9	1·6	32·3	1	0·7	30	18·8	30	17·3	3	3·9	2·2	27
MAY	25·4	4·3	14·9	-0·5	29·4	9	-2·7	25	16·5	16	11·1	2	0·3	0·3	2
JUN	22·2	3·9	13·1	0·5	26·8	6	-2·7	10	17·3	24	13·6	6	0·0	0·0	-
JUL	21·2	3·2	12·2	0·0	26·2	16	-6·5	18	14·5	17	13·4	7	0·0	0·0	-
AUG	22·8	2·9	12·9	-2·0	28·3	29	-3·3	18	15·6	17	8·7	11	0·0	0·0	-
SEP	27·8	8·2	18·0	-0·8	32·7	30	-2·7	1	18·6	13	17·6	21	0·0	0·0	-
OCT	31·3	13·4	22·3	0·1	35·6	24	3·3	4	21·1	4	24·2	26	0·0	0·0	-
NOV	31·6	17·1	24·3	1·1	36·3	26	11·3	1	22·1	30	23·2	27	45·0	23·6	21
DEC	32·6	18·7	25·7	1·0	34·8	15	15·7	19	28·0	4	22·7	21	24·7	10·5	5
J/Y	28·1	11·3	19·7	0·2	36·3	-	-6·5	-	14·5	-	24·2	-	152·4	29·0	-

1959	AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS VAN REEN /OF RAIN VAN /OF MAX TEMP VAN /OF MIN TEMP VAN /OF	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20	≈	▲	✱	≡
JAN		6	4	1	1	1	26	0	0	0	0	1	3	2	0	1	3
FEB		8	6	1	0	0	18	0	0	0	0	0	4	6	0	0	0
MAR		4	1	0	0	0	20	0	0	0	0	0	1	1	0	0	0
APR		2	2	0	0	0	9	0	0	0	0	1	0	2	0	0	0
MAY		1	0	0	0	0	0	1	0	-	-	-	0	0	0	0	0
JUN		0	0	0	0	0	0	1	0	-	-	-	0	0	0	0	1
JUL		0	0	0	0	0	0	4	0	3	7	22	0	0	0	0	0
AUG		0	0	0	0	0	0	3	0	2	6	21	0	0	0	0	0
SEP		0	0	0	0	0	10	0	0	1	3	8	0	0	0	0	0
OCT		0	0	0	0	2	25	0	0	0	0	2	1	1	0	0	0
NOV		6	6	2	0	3	25	0	0	0	0	0	5	4	1	0	0
DEC		5	4	1	0	0	28	0	0	0	0	0	7	7	0	0	0
J/Y		32	23	5	1	6	161	9	0	-	-	-	21	23	1	0	1

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

828/748 OKAHANDJA SWA POS φ21°58'S P BY/AT -GPM HT 1·2M AH
λ16°55'E H 1357M HR 1·2M AH

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN O-8 08	N IN O-8 14
JAN	-	-	20·7	32·9	15·1	17·9	54	20	2·8	4·1
FEB	-	-	18·7	29·8	15·8	18·9	74	34	3·7	4·5
MAR	-	-	19·5	31·5	14·9	18·4	61	26	3·7	4·4
APR	-	-	15·9	29·7	11·8	16·8	61	24	2·9	3·8
MAY	-	-	8·3	24·5	4·2	11·9	50	17	0·2	0·7
JUN	-	-	8·7	24·0	4·6	12·3	50	21	0·6	1·4
JUL	-	-	6·7	22·6	2·8	10·6	49	16	0·2	0·2
AUG	-	-	9·2	24·6	4·6	12·4	46	19	0·1	0·3
SEP	-	-	14·2	29·5	7·5	14·7	35	15	1·0	1·3
OCT	-	-	17·4	32·2	10·3	16·3	38	15	1·6	2·5
NOV	-	-	21·6	33·0	14·0	17·5	41	18	2·2	3·1
DEC	-	-	20·9	33·1	14·1	18·1	46	20	2·1	3·1
J/Y	-	-	15·1	28·9	10·0	15·5	50	20	1·8	2·5

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	34·1	17·4	25·7	-	36·4	3	11·4	16	28·8	22	24·6	29	79·4	38·0	22
FEB	31·5	16·7	24·0	-	35·6	20	10·0	18	25·6	15	20·5	3	83·4	41·0	13
MAR	32·5	17·3	24·9	-	35·0	24	13·3	4	27·4	14	23·2	26	23·4	12·7	12
APR	30·6	13·8	22·2	-	35·0	6	-1·2	30	21·1	29	19·5	5	1·5	1·5	18
MAY	25·9	5·7	15·8	-	29·2	8	-0·9	13	20·9	12	11·5	7	0·4	0·4	2
JUN	25·2	6·5	15·9	-	28·7	5	-0·7	8	22·9	9	17·0	5	0·0	0·0	-
JUL	24·0	4·5	14·3	-	26·5	15	-4·3	17	16·6	13	12·2	30	0·0	0·0	-
AUG	26·2	6·9	16·5	-	30·2	28	-1·5	16	22·4	31	13·8	11	0·0	0·0	-
SEP	31·2	10·3	20·7	-	34·4	23	3·6	3	25·1	1	17·9	19	1·5	1·5	21
OCT	33·9	12·2	23·1	-	37·9	24	3·3	4	25·6	3	17·4	15	0·0	0·0	-
NOV	34·8	15·4	25·1	-	38·6	25	9·0	10	21·4	30	20·4	14	24·1	11·5	29
DEC	35·3	15·1	25·2	-	38·0	13	10·9	5	29·3	3	20·5	31	22·1	17·5	23
J/Y	30·4	11·8	21·1	-	38·6	-	-4·3	-	16·6	-	24·6	-	235·8	41·0	-

1959	AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS: VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF >35	>30	VAN /OF MAX TEMP <17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	GIVEN VAN /OF ⊠	▲	✱	≡
JAN	8	8	2	1	8	29	0	0	0	0	0	5	2	0	0	0
FEB	11	11	2	1	1	18	0	0	0	0	0	2	1	0	0	0
MAR	5	3	1	0	0	27	0	0	0	0	0	2	2	0	0	0
APR	1	1	0	0	0	18	0	0	0	1	1	0	1	0	0	0
MAY	1	0	0	0	0	0	0	0	0	2	12	0	0	0	0	0
JUN	0	0	0	0	0	0	0	0	0	1	7	0	0	0	0	0
JUL	0	0	0	0	0	0	1	0	2	3	20	0	0	0	0	0
AUG	0	0	0	0	0	1	0	0	0	3	9	0	0	0	0	0
SEP	1	1	0	0	0	24	0	0	0	0	3	0	1	0	0	0
OCT	0	0	0	0	14	27	0	0	0	0	1	0	2	0	0	0
NOV	6	5	1	0	14	29	0	0	0	0	0	2	1	0	0	0
DEC	3	3	1	0	20	30	0	0	0	0	0	2	3	0	0	0
J/Y	36	32	7	2	57	203	1	0	2	10	53	13	13	0	0	0

961/247 OUTJO SWA POS φ20°07'S P BY/AT 1250GPM HT 1·2M AK
λ16°09'E H 1265M HR 1·2M AK

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN O-8 08	N IN O-8 14
JAN	875·7	873·7	21·1	31·6	16·0	19·8	58	32	3·7	4·4
FEB	875·8	874·4	18·7	29·0	16·3	19·4	78	39	3·1	4·2
MAR	877·1	875·4	18·7	30·2	15·6	19·6	72	35	3·5	4·7
APR	877·2	875·4	16·9	28·6	14·2	18·8	74	38	3·2	4·8
MAY	877·3	875·8	8·2	25·6	5·7	14·4	68	26	0·4	0·4
JUN	880·7	879·1	9·5	25·0	5·9	14·0	57	26	1·0	1·3
JUL	881·4	879·7	7·5	23·8	4·3	13·1	59	26	0·2	0·2
AUG	880·3	878·5	10·0	26·2	5·2	13·2	46	18	0·2	0·3
SEP	878·9	876·7	14·6	30·1	8·0	14·1	37	11	1·4	1·4
OCT	876·8	874·4	18·2	32·1	10·6	15·8	35	13	2·7	2·6
NOV	876·1	873·7	21·8	32·7	13·9	17·8	40	20	2·7	3·6
DEC	875·2	873·2	20·4	33·0	13·3	18·2	43	21	3·8	4·1
J/Y	877·7	875·8	15·5	29·0	10·7	16·5	56	25	2·2	2·7

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	33·3	17·7	25·5	0·7	35·1	3	9·7	9	29·0	8	21·5	19	71·8	29·3	31
FEB	30·5	16·5	23·5	0·4	34·6	21	11·6	16	21·0	13	21·3	5	114·2	54·0	7
MAR	31·6	17·1	24·3	1·1	34·5	25	14·0	21	27·4	14	21·2	29	78·8	58·0	16
APR	29·5	15·6	22·5	0·8	32·6	3	5·6	30	19·9	27	20·2	2	26·9	12·3	26
MAY	26·2	6·7	16·5	-1·6	29·2	9	0·5	15	18·5	21	13·0	3	0·5	0·5	2
JUN	25·7	7·7	16·7	1·1	29·5	4	3·7	21	23·3	28	15·0	13	0·0	0·0	-
JUL	24·5	6·2	15·3	0·0	27·2	15	-2·5	17	19·4	13	11·3	1	0·0	0·0	-
AUG	26·9	8·1	17·5	-0·2	29·9	28	-0·1	16	23·6	18	14·2	10	0·0	0·0	-
SEP	31·0	11·0	21·0	-0·2	33·8	25	3·0	2	24·7	1	20·6	19	0·0	0·0	-
OCT	32·9	13·9	23·4	-0·2	36·8	14	3·5	4	24·2	3	20·9	28	0·0	0·0	-
NOV	33·6	16·8	25·2	0·5	37·4	26	10·7	2	22·8	30	21·2	29	14·1	7·5	4
DEC	33·9	16·8	25·4	0·6	36·9	29	11·8	27	28·8	2	21·6	23	13·9	10·5	25
J/Y	30·0	12·8	21·4	0·3	37·4	-	-2·5	-	18·5	-	21·6	-	320·2	58·0	-

1959	AANTAL DAE IN GEGEWE PERKE / NUMBER OF DAYS WITHIN GIVEN LIMITS: VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF >35	>30	VAN /OF MAX TEMP <17·5	<10	VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	GIVEN VAN /OF ⊠	▲	✱	≡
JAN	7	6	2	2	1	30	0	0	0	0	0	7	3	0	0	0
FEB	10	9	3	1	0	18	0	0	0	0	0	1	2	0	0	0
MAR	3	3	2	1	0	23	0	0	0	0	0	2	3	0	0	0
APR	5	3	1	0	0	15	0	0	0	0	0	1	2	0	0	0
MAY	1	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0
JUN	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0
JUL	0	0	0	0	0	0	0	0	0	1	10	0	0	0	0	0
AUG	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0
SEP	0	0	0	0	0	19	0	0	0	0	3	1	0	0	0	0
OCT	0	0	0	0	8	27	0	0	0	0	1	1	2	0	0	0
NOV	6	3	0	0	10	27	0	0	0	0	0	3	1	0	0	0
DEC	3	3	1	0	7	30	0	0	0	0	0	4	4	0	0	0
J/Y	35	27	9	4	26	189	0	0	0	2	32	20	17	0	0	0

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

962/297 OTJIWARONGO SWA POS φ20°27'S P BY/AT -GPM HT 1·2M AL
λ16°40'E H 1455M HR 1·2M AL

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	21·4	29·9	16·4	19·5	60	36	4·8	5·1
FEB	-	-	19·7	28·0	16·1	17·9	69	35	3·9	5·0
MAR	-	-	19·6	29·2	15·7	18·9	66	36	4·9	5·6
APR	-	-	17·1	27·7	13·5	17·5	67	34	4·6	5·5
MAY	-	-	8·6	24·9	5·4	13·3	61	23	0·8	0·6
JUN	-	-	10·3	23·7	6·9	13·8	61	30	2·1	2·7
JUL	-	-	9·2	22·6	5·3	12·5	54	27	0·5	0·2
AUG	-	-	10·7	24·5	5·5	-	42	-	0·2	0·3
SEP	-	-	16·4	28·8	9·3	-	37	-	1·5	1·5
OCT	-	-	21·1	31·7	12·5	-	34	-	3·4	3·8
NOV	-	-	23·4	31·7	16·1	-	46	-	2·8	4·4
DEC	-	-	22·1	31·9	16·4	-	55	-	3·3	3·7
J/Y	-	-	16·6	27·9	11·6	-	54	-	2·7	3·2

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	32·2	17·1	24·7	-	34·5	18	9·4	9	28·0	27	21·5	22	55·6	21·4	3
FEB	29·4	16·4	22·9	-	33·0	28	10·4	18	20·1	13	20·0	5	144·0	33·5	11
MAR	30·9	16·2	23·5	-	33·8	25	12·6	21	28·0	13	20·7	26	90·5	40·8	16
APR	29·2	14·0	21·6	-	32·5	6	3·7	30	22·1	27	18·5	7	72·7	62·0	10
MAY	25·8	5·3	15·5	-	32·0	15	0·0	14	17·5	21	10·1	26	7·6	7·6	2
JUN	24·3	9·0	16·7	-	28·7	5	4·0	8	21·5	21	17·5	1	0·0	0·0	-
JUL	23·2	7·1	15·1	-	25·7	15	2·6	14	19·0	13	12·7	6	0·0	0·0	-
AUG	25·7	8·7	17·2	-	29·5	30	2·3	17	20·7	18	14·2	11	0·0	0·0	-
SEP	31·3	11·5	21·4	-	33·4	23	1·3	2	22·2	1	18·8	19	0·5	0·5	22
OCT	33·1	15·0	24·1	-	36·2	14	5·7	5	29·1	5	20·6	14	2·0	2·0	21
NOV	33·2	16·9	25·1	-	36·5	26	9·5	2	22·4	30	20·9	20	54·2	28·5	4
DEC	33·7	16·5	25·1	-	36·0	29	12·8	11	30·8	18	21·0	29	19·8	12·5	24
J/Y	29·3	12·8	21·0	-	36·5	-	0·0	-	17·5	-	21·5	-	446·9	62·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF %	▲	X	≡
JAN	7	5	3	0	0	26	0	0	0	0	0	3	3	1	0	0
FEB	8	8	5	2	0	13	0	0	0	0	0	0	3	0	0	0
MAR	7	7	3	1	0	21	0	0	0	0	0	1	1	0	0	0
APR	6	5	1	1	0	10	0	0	0	0	1	0	0	0	0	0
MAY	1	1	0	0	0	1	0	0	0	0	9	0	0	0	0	0
JUN	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
JUL	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0
AUG	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
SEP	1	0	0	0	0	16	0	0	0	0	2	0	0	0	0	0
OCT	1	1	0	0	5	30	0	0	0	0	0	2	0	0	0	0
NOV	6	6	2	1	9	26	0	0	0	0	0	1	1	0	0	0
DEC	3	3	1	0	6	31	0	0	0	0	0	2	8	0	0	0
J/Y	40	36	15	5	20	174	0	0	0	0	21	9	16	1	0	0

1008/578 OTAVI SWA POS φ19°38'S P BY/AT -GPM HT 1·2M AM
λ17°20'E H 1420M HR 1·2M AM

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	20·0	28·9	16·1	-	67	-	2·9	4·0
FEB	-	-	(18·7)	(26·2)	(16·3)	-	(78)	-	(4·3)	(5·0)
MAR	-	-	(18·8)	(28·2)	(15·7)	(19·3)	(73)	(42)	(4·6)	(4·8)
APR	-	-	18·1	26·3	14·7	17·2	69	39	4·1	4·8
MAY	-	-	10·6	25·1	6·9	13·7	58	24	0·4	0·7
JUN	-	-	11·9	23·5	7·0	12·0	48	21	1·6	1·2
JUL	-	-	(8·7)	(22·4)	(4·8)	(11·4)	(53)	(22)	(0·3)	(0·2)
AUG	-	-	12·8	24·6	6·7	12·0	38	17	0·1	0·4
SEP	-	-	19·0	29·0	10·3	15·1	30	18	0·7	1·1
OCT	-	-	22·8	31·7	12·7	16·2	28	16	2·9	3·4
NOV	-	-	24·3	31·7	15·7	17·4	39	21	2·6	4·6
DEC	-	-	23·3	30·2	16·4	18·7	49	31	4·3	5·6
J/Y	-	-	(17·4)	(27·3)	(11·9)	-	(53)	-	(2·4)	(3·0)

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	EXTREME TEMPERATURES TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	30·6	16·4	23·5	0·2	34·0	18	9·0	9	24·5	25	19·7	30	56·3	18·5	1
FEB	28·2	15·2	21·7	-0·4	32·1	20	9·8	16	21·0	13	18·3	10	269·9	70·9	8
MAR	29·3	15·4	22·3	0·5	32·3	5	11·5	21	24·7	13	18·2	2	37·9	17·4	16
APR	27·3	14·8	21·1	0·7	30·5	4	8·8	30	19·3	26	17·9	2	26·5	11·3	3
MAY	26·0	4·9	15·5	-1·5	28·8	10	-0·9	18	22·3	21	11·1	9	0·0	0·0	-
JUN	24·1	6·8	15·5	1·6	27·4	4	2·1	11	22·1	14	15·6	6	0·0	0·0	-
JUL	(23·3)	(4·3)	(13·8)	(-0·1)	26·7	15	-1·2	20	21·0	19	9·7	16	0·0	0·0	-
AUG	25·9	7·2	16·5	-0·4	29·8	30	2·5	5	21·8	18	14·3	11	0·0	0·0	-
SEP	30·2	10·8	20·5	-0·8	32·7	23	1·7	2	22·6	1	18·9	24	0·0	0·0	-
OCT	33·0	14·3	23·7	0·1	36·5	16	6·3	9	28·0	5	19·5	27	2·0	1·7	17
NOV	32·9	17·1	25·0	0·9	35·1	22	10·8	2	25·2	30	19·9	7	37·7	16·2	29
DEC	32·3	16·7	24·5	0·6	35·7	29	13·7	11	27·1	23	20·1	12	55·2	21·9	23
J/Y	(28·6)	(12·0)	(20·3)	(0·1)	36·5	-	-1·2	-	19·3	-	20·1	-	485·5	70·9	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	VAN /OF %	▲	X	≡
JAN	6	5	3	0	0	21	0	0	0	0	0	0	1	0	0	0
FEB	10	9	9	4	0	8	0	0	0	0	0	0	2	0	0	0
MAR	8	5	1	0	0	11	0	0	0	0	0	0	2	0	0	0
APR	7	5	1	0	0	3	0	0	0	0	0	0	0	0	0	0
MAY	0	0	0	0	0	0	0	0	0	2	14	0	0	0	0	0
JUN	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0
JUL	0	0	0	0	0	0	0	0	0	2	17	0	0	0	0	0
AUG	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0
SEP	0	0	0	0	0	18	0	0	0	0	3	0	0	0	0	0
OCT	2	1	0	0	3	29	0	0	0	0	0	0	1	0	0	0
NOV	7	6	1	0	1	29	0	0	0	0	0	0	6	0	0	0
DEC	7	6	2	0	3	26	0	0	0	0	0	1	5	0	0	0
J/Y	47	37	17	4	7	145	0	0	0	4	49	1	17	0	0	0

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

1010/154 GROOTFONTEIN SWA POS

φ19°34'S P BY/AT -GPM HT 1·2M AN
λ18°06'E H 1461M HR 1·2M AN

TXX HOOGSTE WAKS TEMP
TNN LAAGSTE WIN. TEMP
TXN LAAGSTE WAKS TEMP
TNX HOOGSTE WIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROEBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE WAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

⊠ DONDER
▲ HAEL
✱ SNEEU
≡ MIS
D DATUM
% PERSENTASIE

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	-	-	20·5	28·8	16·3	18·2	64	34	3·5	4·9
FEB	-	-	18·4	26·8	15·5	18·2	74	42	4·4	5·0
MAR	-	-	18·6	27·3	15·6	17·9	72	36	4·5	5·2
APR	-	-	16·8	26·9	14·0	17·9	74	40	4·3	5·5
MAY	-	-	12·5	25·8	8·5	13·5	58	21	1·3	1·1
JUN	-	-	11·1	22·7	7·2	-	56	-	1·5	1·8
JUL	-	-	10·3	21·1	5·9	11·2	50	25	1·2	0·2
AUG	-	-	10·7	23·5	5·7	12·3	44	22	0·3	0·7
SEP	-	-	16·6	27·6	8·9	13·6	32	15	0·6	1·1
OCT	-	-	21·1	32·4	-	16·8	-	17	3·2	3·5
NOV	-	-	22·0	31·2	15·1	17·8	47	24	4·2	5·8
DEC	-	-	22·3	29·3	17·1	18·8	59	35	6·9	7·1
J/Y	-	-	16·7	26·9	-	-	-	-	3·0	3·5

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	30·3	17·4	23·9	0·4	34·2	18	13·8	9	23·2	23	20·7	12	108·6	36·0	31
FEB	27·9	17·0	22·5	0·4	32·6	20	13·0	16	21·1	12	20·0	21	147·8	58·5	1
MAR	28·7	16·6	22·7	0·6	32·1	7	12·1	28	22·1	14	20·1	31	36·1	8·0	5
APR	28·2	15·7	21·9	0·8	31·6	5	7·1	30	20·1	10	18·6	2	25·7	11·2	9
MAY	27·0	10·0	18·5	0·3	30·1	8	2·6	18	23·6	16	14·0	10	4·0	4·0	2
JUN	23·6	9·6	16·6	1·1	27·1	6	3·1	17	20·0	28	15·9	4	0·0	0·0	-
JUL	22·1	8·4	15·3	-0·2	26·3	15	0·5	18	14·1	18	12·6	6	0·0	0·0	-
AUG	25·0	9·5	17·3	-1·1	29·1	30	3·0	18	19·6	18	13·6	28	0·0	0·0	-
SEP	28·6	13·0	20·8	-1·2	32·0	8	3·0	1	20·5	1	18·2	24	0·7	0·7	22
OCT	33·3	17·3	25·3	1·0	36·9	3	8·0	5	27·0	5	22·1	24	3·1	2·5	25
NOV	32·1	17·8	24·9	0·8	35·0	26	12·0	30	26·2	30	21·0	26	33·8	17·5	11
DEC	31·0	18·2	24·6	0·5	34·0	29	16·7	10	28·6	5	20·3	29	74·3	17·6	16
J/Y	28·1	14·2	21·2	0·3	36·9	-	0·5	-	14·1	-	22·1	-	434·1	58·5	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	GIVEN LIMITS VAN /OF ⊠	▲	✱	≡
JAN	11	9	4	1	0	18	0	0	0	0	0	1	5	0	0	0
FEB	10	10	6	2	0	7	0	0	0	0	0	0	5	0	0	1
MAR	9	7	0	0	0	10	0	0	0	0	0	1	7	0	0	0
APR	5	4	1	0	0	4	0	0	0	0	0	0	3	0	0	0
MAY	1	1	0	0	0	1	0	0	0	0	2	0	1	0	0	0
JUN	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
JUL	0	0	0	0	0	0	1	0	0	0	5	0	0	0	0	0
AUG	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
SEP	1	0	0	0	0	14	0	0	0	0	2	0	1	0	0	0
OCT	3	1	0	0	2	28	0	0	0	0	0	9	3	0	0	0
NOV	7	7	1	0	0	27	0	0	0	0	0	3	6	0	0	0
DEC	14	10	3	0	0	22	0	0	0	0	0	2	11	0	0	0
J/Y	61	49	15	3	2	131	1	0	0	00	11	16	42	0	0	1

1051/731 OKAUKUEJO SWA

φ19°11'S P BY/AT -GPM HT 1·2M 88
λ15°55'E H 1150M HR 1·2M 88

TXX HIGHEST WAX TEMP
TNN LOWEST WIN TEMP
TXN LOWEST WAX TEMP
TNX HIGHEST WIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUHE
HA HEIGHT OF ANEMOGRAPH

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN WAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

⊠ THUNDER
▲ HAIL
✱ SNOW
≡ FOG
D DATE
% PERCENTAGE

1959	P IN MB 08	P IN MB 14	T IN °C 08	T IN °C 14	T' IN °C 08	T' IN °C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN										
FEB										
MAR										
APR										
MAY	-	-	10·7	27·2	-	-	-	-	0·1	0·1
JUN	-	-	8·2	26·1	-	-	-	-	0·7	0·5
JUL	-	-	5·0	24·0	-	-	-	-	0·3	0·1
AUG	-	-	11·0	27·5	-	-	-	-	0·3	0·3
SEP	-	-	15·4	29·7	-	-	-	-	0·4	0·3
OCT	-	-	22·1	33·6	-	-	-	-	1·2	1·6
NOV	-	-	23·4	34·1	-	-	-	-	2·5	1·4
DEC	-	-	22·6	33·8	-	-	-	-	-	-
J/Y	-	-	-	-	-	-	-	-	-	-

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN													94·5	70·5	22
FEB													31·0	17·0	6
MAR													48·0	24·0	7
APR													60·1	48·0	10
MAY	28·3	5·5	16·9	-	31·8	7	-0·5	13	24·2	21	13·0	7	1·0	1·0	2
JUN	27·1	5·6	16·3	-	30·1	4	1·4	12	23·7	13	14·0	13	0·0	0·0	-
JUL	25·7	3·2	14·5	-	28·9	16	-3·4	20	21·2	19	8·4	30	0·0	0·0	-
AUG	28·7	6·5	17·6	-	31·2	30	-0·1	19	25·3	20	12·1	22	0·0	0·0	-
SEP	31·2	10·9	21·1	-	34·6	24	0·7	1	24·8	1	19·0	24	0·0	0·0	-
OCT	35·9	17·4	26·7	-	38·4	14	8·2	6	30·4	5	22·7	22	0·0	0·0	-
NOV	36·5	18·3	27·4	-	38·5	5	10·9	10	34·3	30	23·0	5	1·8	0·9	29
DEC	35·3	17·1	26·2	-	37·9	6	12·1	18	32·4	5	22·2	23	12·3	5·5	3
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	248·7	70·5	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	GIVEN LIMITS VAN /OF ⊠	▲	✱	≡
JAN	-	-	-	-									-	-	-	-
FEB	-	-	-	-									-	-	-	-
MAR	-	-	-	-									-	-	-	-
APR	-	-	-	-									-	-	-	-
MAY	1	1	0	0	0	7	0	0	0	2	15	0	-	-	-	-
JUN	0	0	0	0	0	1	0	0	0	0	14	0	-	-	-	-
JUL	0	0	0	0	0	0	0	0	1	3	-	0	-	-	-	-
AUG	0	0	0	0	0	8	0	0	0	1	8	0	-	-	-	-
SEP	0	0	0	0	0	21	0	0	0	0	3	0	-	-	-	-
OCT	0	0	0	0	23	31	0	0	0	0	0	3	-	-	-	-
NOV	3	0	0	0	22	30	0	0	0	0	0	10	-	-	-	-
DEC	3	3	0	0	17	31	0	0	0	0	0	3	-	-	-	-
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

K L I M A A T T A B E L L E
STASIES VAN DIE TWEEDE ORDE

C L I M A T O L O G I C A L T A B L E S
SECOND ORDER STATIONS

1200/866 ONDANGUA SWA

φ17°56'S P BY/AT 1100GPM HT 1·2M AR
λ15°59'E H 1095M HR 1·2M AR

1959	P IN MB 08	P IN MB 14	T IN°C 08	T IN°C 14	T' IN°C 08	T' IN°C 14	U IN % 08	U IN % 14	N IN 0-8 08	N IN 0-8 14
JAN	890·6	889·3	21·8	30·6	18·1	21·5	69	42	5·1	5·5
FEB	890·6	889·5	19·7	29·6	18·0	20·7	85	44	5·2	5·2
MAR	891·5	890·3	21·1	31·7	17·4	20·4	69	34	5·3	5·3
APR	891·9	890·9	19·9	29·1	16·9	19·7	74	40	4·8	4·5
MAY	892·6	(891·7)	12·8	(28·2)	8·6	(15·6)	56	(23)	0·7	(1·3)
JUN	895·3	894·2	11·8	26·9	7·6	15·3	55	26	1·6	1·0
JUL	896·2	895·3	9·9	25·4	5·8	13·9	53	24	0·7	0·4
AUG	894·5	893·7	11·7	27·4	6·8	14·8	47	22	0·3	0·3
SEP	893·4	891·5	16·2	31·0	9·9	17·7	42	24	1·3	0·9
OCT	891·7	889·8	20·6	33·6	12·7	18·5	38	20	3·0	2·2
NOV	890·9	889·1	23·0	32·8	17·0	21·0	54	33	4·2	4·3
DEC	890·5	889·1	21·8	30·7	17·5	20·2	65	36	6·6	6·0
J/Y	892·5	(891·2)	17·5	(29·7)	13·0	(18·3)	59	(31)	3·2	(3·0)

1959	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	TXX °C	/ D	EXTREME TEMPERATURES TNN °C	D	TXN °C	D	TNX °C	D	NEERSLAG / PRECIP R MM	RX IN 24H MM	D
JAN	32·7	19·6	26·1	0·4	36·4	14	15·0	9	24·6	31	22·5	12	35·3	8·5	31
FEB	31·2	18·1	24·7	0·2	36·5	28	14·0	15	27·0	7	21·5	4	118·5	29·0	1
MAR	32·8	18·7	25·7	1·2	36·0	1	16·4	11	28·0	17	21·6	1	43·8	31·0	18
APR	31·2	-	-	-	34·4	5	-	-	27·0	28	-	-	46·7	24·5	27
MAY	29·2	10·8	20·0	-0·3	32·0	8	5·5	14	26·3	18	17·0	3	1·0	1·0	2
JUN	27·8	10·1	18·9	1·7	31·0	4	7·0	20	25·0	20	14·0	10	0·0	0·0	-
JUL	26·8	8·6	17·7	0·8	29·5	15	3·7	14	23·3	19	12·0	7	0·0	0·0	-
AUG	28·9	8·9	18·9	-0·3	31·6	27	3·0	7	25·0	18	17·5	22	0·0	0·0	-
SEP	32·3	13·3	22·8	-0·3	35·0	22	4·4	2	25·2	1	22·0	23	0·0	0·0	-
OCT	35·2	17·4	26·3	0·6	38·0	14	8·0	5	30·0	4	23·5	15	0·7	0·5	27
NOV	34·7	19·8	27·3	1·2	37·3	20	15·0	2	29·5	12	23·5	21	6·1	3·5	30
DEC	32·5	19·7	26·1	0·4	35·6	29	17·3	18	28·8	17	23·0	22	85·5	27·5	15
J/Y	31·3	-	-	-	38·0	-	3·0	-	23·3	-	23·5	-	337·6	31·0	-

1959	AANTAL DAE IN GEGEWE PERKE / VAN REEN /OF RAIN ≥0·1	≥1·0	≥10	≥25	VAN /OF MAX TEMP >35	>30	<17·5	<10	NUMBER OF DAYS WITHIN GIVEN LIMITS VAN /OF MIN TEMP <-2·5	<0·0	<5	>20	☒	▲	✕	≡
JAN	10	9	0	0	4	28	0	0	0	0	0	9	10	0	0	0
FEB	7	7	5	3	3	17	0	0	0	0	0	5	1	0	0	0
MAR	6	5	1	1	2	27	0	0	0	0	0	3	5	0	0	0
APR	6	5	2	0	0	20	0	0	-	-	-	-	0	0	0	0
MAY	1	1	0	0	0	9	0	0	0	0	0	0	0	0	0	0
JUN	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
JUL	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
AUG	0	0	0	0	0	8	0	0	0	0	2	0	0	0	0	0
SEP	0	0	0	0	0	-	0	0	0	0	1	2	0	0	0	0
OCT	3	0	0	0	14	30	0	0	0	0	0	9	2	0	0	0
NOV	4	2	0	0	17	29	0	0	0	0	0	13	0	0	0	0
DEC	6	6	4	1	3	-	0	0	0	0	0	-	4	0	0	0
J/Y	43	35	12	5	43	-	0	0	-	-	-	-	22	0	0	0

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPW GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

☒ THUNDER
▲ HAIL
✕ SNOW
≡ FOG
D DATE
% PERCENTAGE

W I N D F R E K W E N S I E ND

STASIES VAN DIE TWEEDE ORDE

5/611 STEENBRASDAW HA -M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	0	0	3	27	4	10	1	7	9
FEB	2	0	6	27	2	3	2	8	6
MAR	1	0	1	27	2	5	1	11	14
APR	1	0	1	13	0	2	6	14	23
MAY	1	0	1	7	3	2	1	36	11
JUN	2	1	3	2	1	3	0	23	25
JUL	2	1	2	5	0	3	1	17	31
AUG	3	2	1	8	0	4	2	23	19
SEP	0	0	2	13	2	7	1	11	24
OCT	1	0	4	18	3	7	3	13	13
NOV	0	0	0	37	2	8	2	5	6
DEC	1	0	1	28	1	8	1	7	15
J/Y	14	4	25	212	20	62	21	175	196

35/334 ADDO HA 5M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	1	4	2	21	7	4	0	4	19
FEB	0	2	3	24	1	5	0	0	21
MAR	0	5	8	19	4	4	1	1	20
APR	0	9	2	12	1	4	0	5	27
MAY	0	21	0	4	2	4	4	14	13
JUN	7	15	0	5	0	2	2	10	19
JUL	4	12	0	9	1	2	2	9	23
AUG	1	20	1	8	1	4	0	12	15
SEP	0	7	4	14	2	6	0	4	23
OCT	0	7	3	20	3	8	0	4	17
NOV	0	3	6	32	2	3	0	2	12
DEC	1	0	7	21	6	8	1	2	16
J/Y	14	105	36	189	30	54	10	67	225

37/541 BATHURST HA -M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	-	-	-	-	-	-	-	-	-
FEB	0	0	4	6	5	24	7	0	7
MAR	0	1	4	9	0	24	1	5	12
APR	0	0	4	3	3	29	0	1	16
MAY	0	5	1	1	0	24	0	18	9
JUN	5	0	0	1	0	1	0	40	7
JUL	-	-	-	-	-	-	-	-	-
AUG	3	0	0	0	0	11	11	20	12
SEP	0	7	4	1	0	15	5	11	11
OCT	0	1	3	8	1	24	2	2	11
NOV	0	0	3	19	0	23	0	0	9
DEC	0	0	7	11	0	30	0	2	10
J/Y	-	-	-	-	-	-	-	-	-

43/516 SPES BONA HA 5M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	0	1	0	11	3	10	0	4	26
FEB	1	1	0	13	2	9	0	3	21
MAR	1	3	0	5	2	8	2	6	26
APR	3	2	0	6	1	8	1	9	27
MAY	6	8	1	1	0	2	1	13	22
JUN	3	3	0	0	0	4	0	3	44
JUL	2	2	1	1	1	1	0	3	43
AUG	2	3	0	2	0	3	1	9	30
SEP	1	1	0	1	3	8	0	7	36
OCT	1	3	0	8	2	10	3	6	22
NOV	4	1	1	8	7	10	0	1	26
DEC	0	1	0	13	5	13	2	5	23
J/Y	24	29	3	69	26	86	10	69	346

62/379 HELDERVUE HA -M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	4	3	4	5	24	8	4	3	7
FEB	3	1	3	5	28	3	2	2	8
MAR	11	8	4	2	19	3	3	3	8
APR	12	3	5	2	15	4	3	8	7
MAY	11	6	1	3	4	3	4	28	1
JUN	22	5	4	3	9	1	2	10	4
JUL	14	7	4	4	9	0	2	16	5
AUG	16	2	6	4	12	3	2	14	1
SEP	11	8	2	4	14	5	2	8	6
OCT	9	6	5	7	16	3	5	9	1
NOV	2	4	4	12	26	2	0	5	1
DEC	0	5	4	10	25	6	0	3	6
J/Y	115	58	46	61	201	41	29	109	55

W I N D F R E Q U E N C Y ND

SECOND ORDER STATIONS

28/335A OUDTSHOORN HA -M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	1	1	1	6	7	9	10	0	26
FEB	0	1	0	7	9	9	1	0	29
MAR	1	2	3	16	1	4	4	0	29
APR	1	0	0	12	2	10	3	0	32
MAY	0	0	0	1	2	20	4	0	35
JUN	0	0	0	2	1	17	1	0	39
JUL	0	0	0	1	1	26	0	0	32
AUG	0	0	0	6	2	13	0	1	40
SEP	0	1	0	3	0	21	0	3	30
OCT	0	2	1	5	1	11	9	7	26
NOV	0	3	7	7	0	7	16	0	16
DEC	0	2	11	2	1	10	17	1	18
J/Y	3	12	23	68	27	157	65	12	352

36/530 BIRD ISLAND HA -M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	0	0	8	15	1	7	9	8	14
FEB	0	1	6	8	3	5	16	12	5
MAR	0	0	6	10	1	3	15	11	16
APR	4	1	3	5	3	5	14	7	18
MAY	3	1	2	4	0	3	11	27	11
JUN	7	0	2	2	0	1	10	27	11
JUL	2	2	4	3	0	2	10	22	17
AUG	4	1	2	6	0	3	14	19	13
SEP	1	2	8	9	0	2	15	12	11
OCT	0	0	6	12	0	6	18	13	7
NOV	0	1	9	16	3	3	12	3	13
DEC	0	1	4	15	1	5	23	12	1
J/Y	21	10	60	105	12	45	167	173	137

38/152 GREAT FISH POINT HA -M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	0	5	9	7	5	14	15	0	7
FEB	1	3	6	6	2	23	11	0	4
MAR	0	2	13	4	1	19	12	1	10
APR	1	6	5	2	1	14	19	6	6
MAY	3	5	1	2	2	11	10	21	7
JUN	4	1	3	1	0	6	15	23	7
JUL	4	5	6	3	1	16	8	19	0
AUG	2	1	7	2	2	15	16	16	1
SEP	2	8	11	1	0	13	16	6	3
OCT	0	5	9	6	2	18	17	5	0
NOV	0	4	20	4	4	16	9	0	2
DEC	0	5	11	4	3	19	13	2	5
J/Y	17	50	101	42	23	184	161	99	52

54/805 HILLSIDE FARM HA -M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	-	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-	-
MAR	-	-	-	-	-	-	-	-	-
APR	0	1	6	9	0	2	4	12	22
MAY	0	0	0	2	0	1	7	22	30
JUN	0	0	0	0	0	1	4	32	23
JUL	1	2	1	5	0	2	3	24	23
AUG	0	1	0	6	0	5	5	29	16
SEP	0	1	2	12	0	6	4	19	16
OCT	0	1	2	23	0	7	3	14	12
NOV	0	4	2	28	0	7	3	3	12
DEC	0	2	5	22	1	13	2	3	14
J/Y	-	-	-	-	-	-	-	-	-

76/133A SOMERSET EAST HA 5M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	2	0	0	12	3	5	4	3	28
FEB	0	0	0	13	5	1	2	0	35
MAR	2	1	0	10	3	1	7	2	35
APR	3	0	2	5	0	0	10	2	37
MAY	3	0	1	1	2	0	9	8	37
JUN	7	0	0	0	0	0	11	5	35
JUL	4	0	1	0	1	0	12	3	32
AUG	2	1	0	2	3	1	12	11	30
SEP	2	1	2	2	3	1	12	4	33
OCT	2	1	4	8	5	0	18	2	21
NOV	0	1	2	15	7	2	4	1	26
DEC	-	-	-	-	-	-	-	-	-
J/Y	-	-	-	-	-	-	-	-	-

W I N D F R E K W E N S I E ND

STASIES VAN DIE TWEEDE ORDE

79/811 DOHNE

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	7	6	4	12	11	11	1	8	0
FEB	3	4	5	8	14	14	0	7	1
MAR	11	7	3	8	6	8	1	9	9
APR	6	3	3	8	3	16	3	18	0
MAY	5	2	0	2	2	13	3	34	1
JUN	3	0	0	1	0	16	2	34	4
JUL	7	3	1	2	3	12	5	26	3
AUG	3	2	2	6	4	14	3	24	4
SEP	5	4	1	10	4	16	1	16	2
OCT	2	4	4	9	9	13	3	10	4
NOV	1	10	3	9	14	11	0	7	5
DEC	3	6	5	6	9	20	3	9	1
J/Y	56	51	31	81	79	164	25	202	34

98/190A CRADDOCK

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	-	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-	-
MAR	-	-	-	-	-	-	-	-	-
APR	-	-	-	-	-	-	-	-	-
MAY	-	-	-	-	-	-	-	-	-
JUN	17	1	1	0	0	0	6	11	24
JUL	6	3	0	5	1	4	4	26	13
AUG	13	3	1	5	2	0	4	14	19
SEP	17	0	0	6	2	2	6	5	22
OCT	5	0	5	10	4	3	4	5	26
NOV	0	1	1	12	3	3	1	6	33
DEC	2	0	5	16	7	0	5	3	23
J/Y	-	-	-	-	-	-	-	-	-

206/602 SEKAKES

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	0	0	3	8	0	2	16	8	25
FEB	0	2	0	8	0	4	12	5	25
MAR	0	2	1	6	0	2	13	4	33
APR	0	0	4	1	0	2	18	11	23
MAY	0	1	3	1	0	0	20	13	24
JUN	0	0	0	1	0	3	14	6	36
JUL	0	0	2	1	0	5	11	8	33
AUG	0	0	5	0	0	17	0	2	38
SEP	0	0	2	3	1	18	6	5	25
OCT	0	0	2	5	1	7	20	8	17
NOV	0	0	3	10	0	1	24	6	16
DEC	0	0	7	6	0	2	19	7	20
J/Y	0	5	32	50	2	53	173	83	315

239/482 CEDARA

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	0	3	8	18	5	2	4	5	17
FEB	2	4	8	12	6	1	3	1	18
MAR	5	2	3	20	3	3	3	1	22
APR	4	4	8	10	2	2	4	3	23
MAY	2	6	3	9	2	7	2	3	28
JUN	1	2	10	12	2	3	2	2	26
JUL	2	3	5	9	5	1	5	4	28
AUG	4	3	7	12	4	6	2	0	24
SEP	3	4	10	10	5	10	5	2	11
OCT	2	6	8	13	3	3	5	10	12
NOV	6	8	14	15	1	1	3	7	5
DEC	7	4	13	15	3	1	4	6	9
J/Y	38	49	97	155	41	40	42	44	223

251/261 KENHARDT

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	6	2	1	14	6	7	5	3	12
FEB	5	0	2	7	6	7	6	5	12
MAR	7	2	1	9	7	5	5	3	15
APR	7	1	1	6	9	3	2	3	22
MAY	5	1	1	4	4	1	2	9	27
JUN	10	0	3	7	7	0	1	4	21
JUL	15	1	0	7	5	1	1	3	23
AUG	9	0	0	9	7	1	3	5	22
SEP	12	0	1	12	1	4	2	3	20
OCT	2	2	3	7	11	3	10	6	10
NOV	4	1	2	13	5	7	6	6	10
DEC	8	1	2	12	5	3	7	2	10
J/Y	90	11	17	107	73	42	50	52	204

W I N D F R E Q U E N C Y ND

SECOND ORDER STATIONS

96/ 45A GRAAFF REINET

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	5	3	1	22	11	6	2	9	3
FEB	2	1	8	21	6	5	0	8	5
MAR	7	0	2	21	8	3	1	15	5
APR	5	2	4	13	9	6	2	18	1
MAY	8	2	3	12	3	1	1	29	3
JUN	4	2	5	4	3	2	3	34	3
JUL	10	4	3	5	7	2	4	25	2
AUG	8	2	1	12	10	2	4	23	0
SEP	3	1	1	16	10	2	3	24	0
OCT	6	2	5	11	17	11	1	9	0
NOV	2	0	7	19	19	4	4	5	0
DEC	4	5	9	14	14	5	3	8	0
J/Y	64	24	49	170	117	49	28	207	22

190/868 BRANDVLEI

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	2	3	8	2	4	10	9	5	12
FEB	-	-	-	-	-	-	-	-	-
MAR	5	1	2	1	0	5	10	5	26
APR	5	2	0	1	2	8	9	3	23
MAY	8	2	2	0	1	3	8	9	20
JUN	10	4	2	0	2	3	1	6	28
JUL	12	2	2	0	0	4	3	2	28
AUG	11	2	2	0	2	4	8	5	24
SEP	9	2	3	1	1	5	5	3	20
OCT	2	2	7	2	3	11	9	3	12
NOV	-	-	-	-	-	-	-	-	-
DEC	4	0	11	1	1	4	15	3	9
J/Y	-	-	-	-	-	-	-	-	-

227/464 ORANJERIVIER

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	6	8	4	7	7	2	9	7	5
FEB	4	10	1	6	4	3	5	9	6
MAR	5	9	6	2	4	5	6	8	11
APR	4	3	1	2	1	5	11	8	19
MAY	4	3	2	2	4	3	9	9	18
JUN	3	3	2	0	5	8	3	4	26
JUL	6	1	1	2	2	8	4	8	21
AUG	3	5	2	2	2	5	5	10	22
SEP	5	1	7	1	3	5	8	5	21
OCT	5	11	5	4	6	2	10	9	5
NOV	5	13	5	6	4	3	5	6	7
DEC	5	8	8	7	7	3	6	7	5
J/Y	55	75	44	41	49	52	81	90	166

239/730 UKULINGA

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	4	5	9	11	3	1	1	1	27
FEB	1	13	5	9	5	0	0	0	23
MAR	0	8	11	11	6	1	0	1	24
APR	2	8	11	5	2	0	0	7	25
MAY	6	7	5	3	2	4	11	1	23
JUN	3	7	2	8	4	3	15	0	18
JUL	6	7	6	3	3	3	13	1	20
AUG	4	4	9	6	7	3	10	2	17
SEP	1	3	18	10	7	1	3	5	12
OCT	3	8	18	15	2	1	0	2	13
NOV	2	5	16	16	4	0	0	3	13
DEC	2	7	13	11	3	2	1	4	19
J/Y	34	82	123	108	48	19	54	27	234

253/363 BOEGOEBERGDAM

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	8	1	3	5	2	1	2	10	30
FEB	4	0	1	2	0	1	1	11	36
MAR	7	2	0	0	4	1	1	10	37
APR	10	0	0	2	4	0	2	4	38
MAY	6	0	0	3	7	0	1	4	41
JUN	4	0	0	0	7	0	0	4	45
JUL	8	0	0	0	2	0	1	4	45
AUG	15	1	0	2	6	5	0	1	32
SEP	5	0	1	2	12	0	2	10	28
OCT	5	1	1	4	8	3	2	6	32
NOV	10	1	2	5	4	0	5	10	23
DEC	11	0	2	2	8	0	3	4	26
J/Y	93	6	10	27	64	11	20	78	413

W I N D F R E K W E N S I E ND

STASIES VAN DIE TWEEDE ORDE

258/157 RIETRIVIER HA 5M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	5	8	3	2	0	8	11	11	14
FEB	11	6	2	3	2	1	3	6	22
MAR	10	6	0	5	3	3	5	8	21
APR	4	4	2	3	2	1	12	5	27
MAY	4	1	4	3	3	0	9	6	32
JUN	4	1	3	6	1	3	4	2	36
JUL	12	0	6	2	1	1	4	6	30
AUG	4	3	3	2	2	3	4	2	39
SEP	3	1	2	2	1	4	3	8	35
OCT	9	5	2	4	1	7	8	8	16
NOV	12	8	2	5	1	7	7	3	15
DEC	9	12	2	5	0	2	5	8	19
J/Y	87	55	31	42	17	40	75	73	306

263/859 MASERU HA 5M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	2	19	5	2	1	4	5	16	8
FEB	4	8	11	1	1	5	6	7	13
MAR	7	8	6	0	2	8	3	8	20
APR	4	10	9	2	1	2	3	13	16
MAY	5	11	7	2	2	2	5	6	22
JUN	0	3	1	0	1	8	8	2	37
JUL	3	5	5	3	2	3	4	6	31
AUG	5	0	1	1	1	8	9	4	33
SEP	6	6	7	4	3	4	6	7	17
OCT	10	19	9	3	1	2	5	8	5
NOV	6	17	10	0	2	2	7	6	10
DEC	6	14	7	1	2	0	4	6	11
J/Y	58	120	78	19	19	48	65	89	223

293/597 GLEN KOLLEGE HA 5M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	9	6	5	4	2	4	16	8	8
FEB	5	4	3	1	3	2	10	6	22
MAR	8	5	4	8	2	4	8	7	16
APR	6	4	1	6	0	2	9	13	19
MAY	6	6	2	8	2	0	12	5	21
JUN	1	1	2	19	1	4	7	3	22
JUL	6	1	1	8	3	1	5	8	29
AUG	3	0	1	15	2	4	9	5	22
SEP	5	2	4	12	3	4	9	9	12
OCT	10	7	4	3	2	3	10	11	12
NOV	14	5	1	1	0	3	15	2	19
DEC	11	9	4	5	1	2	8	4	18
J/Y	84	50	32	90	21	33	118	81	220

312/417 WARMBAD HA 6M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	7	3	3	6	14	15	1	6	1
FEB	9	4	3	1	7	12	3	10	1
MAR	10	3	2	8	9	11	4	9	0
APR	3	5	1	3	8	8	15	5	2
MAY	11	9	1	7	2	12	3	9	2
JUN	15	14	4	0	0	4	6	5	1
JUL	15	11	1	2	2	4	8	6	0
AUG	19	11	5	0	3	6	5	11	0
SEP	12	15	4	3	1	4	6	12	1
OCT	14	8	5	5	6	13	3	6	0
NOV	10	6	2	6	15	9	0	10	0
DEC	16	4	2	7	12	11	3	7	0
J/Y	141	93	33	48	79	109	57	96	8

320/888 MANCORP MINE POSTMASBURG HA 6M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	10	4	1	7	3	5	4	14	1
FEB	12	3	3	2	1	3	6	7	4
MAR	15	8	3	3	3	4	3	5	6
APR	14	8	0	2	1	5	4	8	3
MAY	8	8	1	6	2	5	5	7	4
JUN	2	16	0	6	2	6	2	9	5
JUL	5	20	3	3	2	2	3	9	4
AUG	4	11	2	9	1	5	4	7	4
SEP	12	6	1	5	2	2	4	5	8
OCT	10	9	2	6	0	7	6	7	3
NOV	-	-	-	-	-	-	-	-	-
DEC	14	3	2	4	3	9	3	4	4
J/Y	-	-	-	-	-	-	-	-	-

W I N D F R E Q U E N C Y ND

SECOND ORDER STATIONS

263/786 MODDERPOORT HA -M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	21	1	0	0	3	1	0	20	14
FEB	7	4	2	2	6	4	3	3	25
MAR	14	0	2	0	4	4	0	11	27
APR	12	2	0	2	6	1	0	10	27
MAY	16	2	0	1	4	6	0	4	29
JUN	4	0	0	1	3	2	2	10	37
JUL	4	1	0	0	3	3	1	14	30
AUG	4	0	0	1	6	8	1	8	34
SEP	7	0	0	1	3	1	0	13	34
OCT	13	5	2	2	3	2	0	18	17
NOV	30	6	0	1	3	4	0	7	9
DEC	29	5	0	2	3	5	1	9	7
J/Y	161	26	6	13	47	41	8	127	290

270/282 MISTLEY HA 5M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	14	3	0	2	16	0	0	0	12
FEB	14	3	0	1	11	0	0	0	19
MAR	12	0	1	2	15	0	0	0	25
APR	22	5	0	2	5	0	0	1	17
MAY	15	2	0	1	5	0	0	0	30
JUN	11	0	0	0	6	0	0	1	30
JUL	4	0	0	2	6	0	0	0	45
AUG	7	1	1	0	11	0	0	0	34
SEP	13	1	0	0	13	1	0	0	21
OCT	13	2	0	1	10	4	0	2	22
NOV	4	5	0	3	10	1	0	2	24
DEC	13	0	0	2	10	1	0	0	25
J/Y	142	22	2	16	118	7	0	6	304

298/193 OX-BOW HA 6M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	2	1	0	0	7	7	6	2	37
FEB	1	2	0	1	3	4	7	2	36
MAR	1	1	0	0	3	6	15	1	35
APR	0	2	1	0	3	9	10	2	33
MAY	1	7	0	0	2	10	3	3	35
JUN	1	0	0	0	1	6	7	4	41
JUL	10	3	1	0	3	4	8	5	25
AUG	6	3	3	1	5	4	10	8	22
SEP	2	3	1	1	9	2	21	3	18
OCT	6	2	3	1	10	6	14	2	17
NOV	6	1	0	0	9	7	13	10	14
DEC	5	2	2	1	8	12	15	5	12
J/Y	41	27	11	5	63	77	129	47	325

317/447A UPINGTON AGRIC HA 5M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	2	3	4	0	3	11	3	7	29
FEB	3	2	4	0	1	6	7	4	29
MAR	5	6	2	0	3	10	6	8	22
APR	6	3	1	0	0	15	6	3	26
MAY	5	3	2	2	3	8	8	4	27
JUN	5	4	2	2	2	4	2	5	34
JUL	9	3	3	1	0	4	5	5	32
AUG	6	9	3	2	1	7	4	2	28
SEP	9	6	2	2	4	9	2	5	21
OCT	3	1	5	2	1	25	9	2	14
NOV	8	4	3	3	1	13	10	3	15
DEC	8	5	6	1	4	10	10	3	15
J/Y	69	49	37	15	23	122	72	51	292

323/102 KOOPMANSFONTEIN HA 5M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	11	7	1	3	3	10	9	10	8
FEB	10	5	5	1	3	4	2	6	18
MAR	13	8	3	2	3	2	6	7	18
APR	16	1	3	0	2	0	5	13	20
MAY	10	2	0	0	4	3	6	7	28
JUN	7	2	0	1	0	3	4	4	38
JUL	11	4	0	1	2	2	5	9	28
AUG	7	2	5	2	5	7	6	7	21
SEP	10	0	1	2	6	3	6	14	18
OCT	16	7	0	3	4	1	8	15	9
NOV	14	6	2	3	7	1	4	10	
DEC	14	4	1	6	4	5	7	13	
J/Y	139	49	21	24	43	41	68	115	226

W I N D F R E K W E N S I E ND

STASIES VAN DIE TWEEDE ORDE

W I N D F R E Q U E N C Y ND

SECOND ORDER STATIONS

328/636 VIRGINIA

1959	N	NE	E	SE	S	SW	W	NW	HA K/C
JAN	7	4	3	0	2	7	4	10	17
FEB	3	6	0	2	0	3	6	1	27
MAR	3	7	1	0	0	3	3	3	31
APR	5	1	3	1	0	1	2	1	36
MAY	4	2	2	0	1	0	4	1	32
JUN	0	2	4	0	3	0	2	0	38
JUL	0	4	10	0	2	4	1	2	30
AUG	0	3	7	0	3	1	4	1	32
SEP	2	6	2	0	0	2	6	3	28
OCT	12	7	3	1	1	3	2	10	15
NOV	6	13	2	1	0	2	5	3	19
DEC	6	6	2	1	2	1	3	5	24
J/Y	48	61	39	6	14	27	42	40	329

337/431 SURPRISE STORE

1959	N	NE	E	SE	S	SW	W	NW	HA K/C
JAN	7	2	8	5	13	2	2	1	18
FEB	3	1	9	6	8	2	0	1	25
MAR	4	1	3	10	11	0	6	1	23
APR	7	3	3	5	10	6	2	3	18
MAY	10	0	3	2	6	4	4	4	26
JUN	2	0	6	2	5	0	6	2	35
JUL	3	0	2	5	2	7	6	0	34
AUG	8	0	3	2	12	4	1	1	25
SEP	10	3	3	9	8	6	3	3	14
OCT	11	0	5	6	7	3	5	0	19
NOV	9	0	3	6	17	1	2	2	16
DEC	5	0	2	6	13	0	2	0	28
J/Y	79	10	50	64	112	35	39	18	281

339/357 RIVER VIEW

1959	N	NE	E	SE	S	SW	W	NW	HA K/C
JAN	3	15	0	0	16	0	0	0	28
FEB	2	24	0	10	9	0	0	0	11
MAR	3	30	0	22	2	0	0	0	5
APR	4	26	1	6	0	3	1	1	18
MAY	1	9	0	14	4	10	0	1	23
JUN	1	4	0	2	6	1	0	0	46
JUL	3	1	0	1	8	0	0	2	47
AUG	8	2	2	1	16	0	0	2	31
SEP	7	8	1	7	5	9	2	6	15
OCT	10	21	1	1	14	3	0	0	12
NOV	16	6	0	0	16	2	0	1	19
DEC	15	7	1	0	12	3	0	1	23
J/Y	73	153	6	64	108	31	3	14	278

360/597 VAALHARTZ

1959	N	NE	E	SE	S	SW	W	NW	HA 5M
JAN	6	4	1	3	0	5	6	16	21
FEB	3	4	0	0	2	1	1	16	29
MAR	9	2	2	2	2	3	2	15	24
APR	7	1	1	0	3	0	2	19	26
MAY	2	1	1	1	3	3	5	10	35
JUN	4	3	4	2	4	2	1	5	35
JUL	8	2	2	2	1	1	3	9	34
AUG	3	1	3	5	7	1	1	7	33
SEP	8	6	3	3	2	2	5	11	19
OCT	10	2	2	4	3	2	6	19	11
NOV	6	4	3	2	1	2	8	20	14
DEC	6	5	1	4	5	2	5	14	19
J/Y	72	35	23	28	33	24	45	161	300

364/450A WELKOM

1959	N	NE	E	SE	S	SW	W	NW	HA K/C
JAN	11	9	3	2	4	6	9	8	1
FEB	6	11	4	2	1	2	12	4	5
MAR	8	10	7	3	3	1	2	11	8
APR	14	5	4	0	1	2	11	9	6
MAY	7	7	5	3	1	5	7	7	10
JUN	4	1	6	4	3	3	5	3	22
JUL	6	3	11	2	1	3	8	7	12
AUG	4	7	8	8	6	5	7	3	5
SEP	9	5	5	2	3	4	8	5	9
OCT	14	11	2	2	2	4	5	12	1
NOV	18	13	1	0	1	3	6	9	0
DEC	14	10	1	3	2	4	10	7	1
J/Y	115	92	57	31	28	42	90	85	80

366/743 LINDLEY

1959	N	NE	E	SE	S	SW	W	NW	HA 5M
JAN	1	2	5	7	0	3	15	3	24
FEB	1	1	7	3	3	2	8	0	30
MAR	1	0	8	1	2	0	8	1	41
APR	2	2	3	3	1	5	8	5	31
MAY	0	1	0	5	0	1	13	3	37
JUN	0	1	0	3	0	5	6	2	34
JUL	0	1	2	9	0	2	9	3	32
AUG	0	0	2	3	1	4	4	1	46
SEP	1	1	5	3	0	7	7	1	35
OCT	3	1	9	2	1	5	4	3	26
NOV	1	2	8	3	0	0	6	4	28
DEC	1	3	14	1	1	1	12	1	26
J/Y	11	15	63	43	9	35	100	27	390

407/261 WAKKERSTROOM

1959	N	NE	E	SE	S	SW	W	NW	HA K/C
JAN	12	1	10	1	5	0	11	1	19
FEB	3	1	9	1	13	1	5	0	23
MAR	1	0	9	0	14	0	7	1	18
APR	11	1	12	1	3	0	8	3	15
MAY	12	1	8	1	5	0	13	5	17
JUN	3	0	7	1	8	0	11	1	28
JUL	4	2	2	2	4	10	7	4	26
AUG	5	1	4	0	7	0	6	8	29
SEP	3	1	9	0	4	2	14	1	24
OCT	10	3	12	3	6	2	15	3	7
NOV	8	0	15	1	10	0	6	3	15
DEC	10	1	20	1	6	0	13	1	9
J/Y	82	12	117	12	85	15	116	31	230

415/551 AUS

1959	N	NE	E	SE	S	SW	W	NW	HA 6M
JAN	6	17	5	4	0	0	14	12	4
FEB	5	9	6	0	0	0	12	13	9
MAR	9	19	6	1	0	1	13	8	4
APR	7	11	6	3	1	1	9	10	12
MAY	7	8	4	4	0	0	11	19	9
JUN	14	12	10	0	0	0	7	10	7
JUL	19	7	2	7	0	1	9	5	12
AUG	13	12	9	8	2	0	5	5	8
SEP	6	9	8	6	0	0	8	4	9
OCT	6	5	6	0	1	0	11	7	16
NOV	5	8	10	2	1	1	13	5	15
DEC	0	10	8	4	1	3	11	6	18
J/Y	97	127	80	39	6	7	123	104	123

442/811 ERMELO

1959	N	NE	E	SE	S	SW	W	NW	HA 5M
JAN	4	7	1	3	2	1	6	7	18
FEB	3	4	5	4	1	4	6	8	13
MAR	5	9	7	2	1	0	4	7	15
APR	6	9	3	0	0	5	8	7	11
MAY	6	3	0	0	1	9	10	9	13
JUN	3	3	1	1	0	7	6	2	28
JUL	2	1	2	2	1	10	6	4	25
AUG	1	3	6	1	0	10	2	8	21
SEP	-	-	-	-	-	-	-	-	-
OCT	6	5	8	1	0	6	4	14	9
NOV	2	4	13	1	0	7	6	9	7
DEC	4	11	4	1	1	10	8	7	5
J/Y	-	-	-	-	-	-	-	-	-

476/ 72 JOUBERT PARK

1959	N	NE	E	SE	S	SW	W	NW	HA -M
JAN	17	6	6	0	0	3	2	18	10
FEB	8	8	3	4	1	2	2	9	19
MAR	6	7	3	9	1	1	1	16	18
APR	13	2	2	3	1	4	0	13	22
MAY	3	3	3	8	2	6	5	17	15
JUN	2	5	1	7	0	6	5	12	22
JUL	3	8	0	12	0	9	8	14	8
AUG	5	8	1	19	0	10	1	12	6
SEP	4	5	0	2	0	6	0	38	5
OCT	0	9	0	4	0	4	0	28	16
NOV	16	9	0	0	2	0	0	10	22
DEC	13	16	1	4	0	0	2	2	24
J/Y	90	86	20	72	7	51	26	189	187

W I N D F R E K W E N S I E ND

STASIES VAN DIE TWEEDE ORDE

476/154 FRANKENWALD HA -M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	8	2	0	0	4	3	1	3	41
FEB	5	0	1	0	2	1	2	1	42
MAR	7	3	1	4	2	1	3	4	35
APR	7	3	0	1	2	0	3	7	37
MAY	12	3	0	1	5	7	1	9	24
JUN	6	1	0	1	5	8	3	5	29
JUL	5	2	0	1	3	6	4	5	32
AUG	5	1	3	5	3	6	2	7	26
SEP	8	4	1	4	6	4	2	6	22
OCT	19	12	1	2	2	4	1	9	11
NOV	22	9	3	1	4	3	3	11	2
DEC	18	12	1	3	3	3	3	13	4
J/Y	122	52	11	23	41	46	28	80	305

476/154 BREMERSDORP MANZINI HA 8M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	4	3	2	3	0	4	0	1	45
FEB	5	1	4	6	0	2	1	0	37
MAR	4	2	2	3	0	2	3	2	43
APR	9	4	4	1	0	2	2	0	37
MAY	5	1	1	2	0	7	5	1	40
JUN	1	4	2	3	0	3	0	0	46
JUL	3	3	5	1	0	6	3	1	39
AUG	2	1	1	10	1	2	3	1	31
SEP	5	10	4	8	1	5	1	5	20
OCT	8	12	6	4	1	3	0	10	17
NOV	6	10	0	9	3	2	1	10	19
DEC	19	1	1	11	0	1	1	4	24
J/Y	71	52	32	61	6	39	20	35	398

554/816 LYDENBURG HA 5M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	14	2	1	6	2	2	3	8	24
FEB	4	4	1	9	0	6	1	4	27
MAR	2	1	4	18	1	3	5	1	27
APR	7	4	1	10	0	1	3	6	27
MAY	8	2	1	1	1	2	4	13	30
JUN	3	3	3	7	2	4	1	7	30
JUL	8	2	2	12	3	5	2	3	25
AUG	4	0	4	10	1	5	1	4	32
SEP	6	3	4	6	2	1	1	9	27
OCT	6	4	4	5	0	5	3	7	25
NOV	4	2	2	7	0	2	2	9	29
DEC	12	4	3	9	1	4	2	4	22
J/Y	78	31	30	100	13	40	28	75	325

589/594 TOWOOMBA HA 5M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	2	18	1	3	3	10	0	9	15
FEB	3	10	2	4	2	9	2	4	19
MAR	2	18	3	9	1	5	3	2	19
APR	1	14	2	3	0	7	0	3	30
MAY	1	2	1	2	1	13	2	8	32
JUN	1	8	1	4	1	11	2	2	30
JUL	1	11	3	5	1	3	0	4	34
AUG	1	7	2	9	2	10	2	7	22
SEP	2	14	2	6	1	6	1	5	23
OCT	2	20	0	9	1	11	0	4	15
NOV	0	25	0	9	1	11	0	5	9
DEC	1	25	1	7	0	7	1	7	13
J/Y	17	172	18	70	14	103	13	60	261

784/630 NEUDAM HA 5M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	3	4	5	8	6	4	5	7	13
FEB	0	11	9	4	1	4	1	3	17
MAR	1	9	6	9	3	3	4	4	18
APR	1	5	5	0	0	0	3	10	30
MAY	0	1	1	0	0	4	8	19	18
JUN	4	4	5	1	0	4	3	5	22
JUL	6	8	4	2	1	5	3	3	20
AUG	2	2	9	5	0	2	5	2	25
SEP	1	8	9	1	0	2	4	3	23
OCT	5	6	6	1	5	4	1	9	10
NOV	5	4	10	5	5	0	1	5	12
DEC	-	-	-	-	-	-	-	-	-
J/Y	-	-	-	-	-	-	-	-	-

W I N D F R E Q U E N C Y ND

SECOND ORDER STATIONS

478/837 BETHAL HA -M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	5	0	5	0	0	0	2	12	36
FEB	5	2	7	2	0	1	1	1	33
MAR	5	2	9	0	3	1	1	3	33
APR	4	2	4	0	0	0	4	11	32
MAY	5	2	4	0	2	1	12	12	22
JUN	4	0	2	0	1	3	5	6	39
JUL	4	0	7	0	0	1	4	3	33
AUG	2	4	7	1	1	5	3	4	35
SEP	2	1	7	2	1	1	1	9	32
OCT	9	1	6	0	0	3	6	14	22
NOV	13	2	8	1	0	0	1	5	26
DEC	12	2	6	0	0	0	0	6	32
J/Y	70	18	72	6	8	16	40	86	375

554/351 LOWER FARM SANTA HA -M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	-	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-	-
MAR	8	1	1	24	11	2	1	8	6
APR	12	2	1	9	7	0	2	14	13
MAY	20	6	1	3	2	2	5	17	6
JUN	19	5	3	7	5	2	5	10	4
JUL	18	1	2	9	5	1	2	9	15
AUG	13	0	1	10	6	2	4	11	15
SEP	8	3	3	12	7	1	2	7	17
OCT	10	2	3	10	9	1	0	4	23
NOV	5	2	4	14	11	0	1	11	8
DEC	8	5	2	9	4	0	2	8	18
J/Y	-	-	-	-	-	-	-	-	-

568/817 MARIENTAL HA 9M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	2	4	2	6	5	0	1	0	37
FEB	4	2	1	1	5	0	0	0	41
MAR	7	5	8	1	1	0	0	0	36
APR	5	3	2	0	3	0	1	0	45
MAY	3	0	0	3	5	0	0	2	49
JUN	13	1	4	0	3	0	1	0	38
JUL	14	4	1	2	1	0	3	3	34
AUG	11	6	5	8	2	3	3	2	22
SEP	12	3	1	2	3	0	3	1	35
OCT	7	1	2	1	6	0	5	3	37
NOV	9	3	2	4	13	2	3	3	21
DEC	7	3	5	4	10	2	2	1	28
J/Y	94	35	33	32	57	7	22	15	423

679/289 PUSELLA HA -M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	-	-	-	-	-	-	-	-	-
FEB	0	0	3	2	0	0	0	0	51
MAR	0	0	0	1	1	0	0	0	60
APR	0	1	1	3	0	0	0	1	54
MAY	2	4	3	3	0	1	2	7	40
JUN	3	3	3	6	1	2	0	6	35
JUL	5	5	7	8	1	2	0	9	25
AUG	6	5	7	8	1	2	2	5	26
SEP	5	9	4	12	0	1	0	3	26
OCT	0	2	5	8	0	0	1	1	45
NOV	0	2	11	10	1	0	0	0	36
DEC	0	2	2	4	0	0	0	0	53
J/Y	-	-	-	-	-	-	-	-	-

787/858 GOBABIS HA 6M

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	5	7	6	19	8	7	2	4	4
FEB	4	19	4	14	2	4	1	5	3
MAR	8	20	8	14	2	4	2	2	2
APR	16	15	14	5	1	3	3	1	2
MAY	11	7	0	0	5	3	14	13	8
JUN	5	25	16	2	3	0	1	2	6
JUL	6	24	11	7	3	3	1	1	6
AUG	2	11	7	11	7	6	3	5	10
SEP	3	17	15	4	4	4	3	4	6
OCT	2	14	5	4	10	10	5	7	5
NOV	10	11	7	8	3	6	7	4	4
DEC	10	13	5	10	4	6	4	6	4
J/Y	82	183	98	98	52	56	46	54	60

W I N D F R E K W E N S I E ND

STASIES VAN DIE TWEEDE ORDE

828/748 OKAHANDJA

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	8	9	2	2	0	2	14	22	3
FEB	6	6	3	1	0	2	7	28	3
MAR	5	13	3	4	0	1	3	28	4
APR	3	9	0	1	0	1	13	32	1
MAY	4	1	0	1	0	1	7	38	10
JUN	5	16	0	0	0	1	5	27	5
JUL	5	18	0	2	0	2	5	24	6
AUG	4	16	6	1	0	2	3	11	19
SEP	3	16	11	2	0	1	3	5	19
OCT	3	7	0	2	0	7	10	9	24
NOV	2	14	2	5	0	2	5	9	21
DEC	1	10	2	1	0	1	11	11	25
J/Y	49	135	29	22	0	23	86	244	140

HA 6M

962/297 OTJIWARONGO

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	1	13	6	7	3	1	5	4	14
FEB	0	3	8	12	1	0	3	3	18
MAR	1	15	10	12	1	0	0	1	10
APR	1	14	6	7	1	2	3	7	11
MAY	0	6	7	2	0	3	10	9	13
JUN	2	20	12	2	0	2	1	5	7
JUL	2	15	24	6	0	0	2	3	0
AUG	3	6	28	1	1	2	6	2	3
SEP	4	17	18	0	1	2	2	0	8
OCT	3	10	16	9	2	2	6	2	2
NOV	3	11	17	4	1	2	8	2	2
DEC	1	9	23	4	1	1	3	2	3
J/Y	21	139	175	66	12	17	49	40	91

HA 6M

1010/154 GROOTFONTEIN

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	9	10	1	11	4	3	1	9	14
FEB	5	9	1	9	3	12	0	9	8
MAR	0	18	0	13	0	18	0	5	8
APR	0	17	0	2	0	10	0	15	16
MAY	0	3	0	0	0	9	0	22	28
JUN	2	17	0	9	0	11	0	5	16
JUL	4	18	1	13	1	2	0	2	21
AUG	0	8	0	21	0	6	0	1	26
SEP	0	7	9	25	2	7	0	4	6
OCT	1	9	0	13	1	30	0	4	4
NOV	0	15	0	16	1	20	0	6	2
DEC	1	8	4	11	14	4	2	7	9
J/Y	22	139	16	143	26	132	3	89	158

HA 6M

1200/866 ONDANGUA

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	2	1	10	6	8	9	10	1	8
FEB	0	1	5	6	7	8	3	0	21
MAR	0	5	9	4	1	10	1	1	17
APR	1	5	3	8	0	1	6	3	24
MAY	1	2	4	0	1	0	12	0	29
JUN	0	9	21	4	0	0	3	2	11
JUL	1	21	9	1	0	1	0	1	17
AUG	0	12	12	2	0	2	0	3	19
SEP	1	8	18	3	2	4	1	0	12
OCT	2	2	2	2	13	6	5	1	17
NOV	9	4	2	3	7	3	1	2	18
DEC	0	1	4	0	12	4	1	2	23
J/Y	17	71	99	39	51	48	43	16	216

W I N D F R E Q U E N C Y ND

SECOND ORDER STATIONS

961/247 OUTJO

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	10	3	5	3	3	4	8	2	23
FEB	5	4	9	3	1	12	1	1	20
MAR	2	3	9	4	7	6	3	1	27
APR	8	8	8	0	0	7	1	1	27
MAY	3	1	2	0	1	10	6	8	31
JUN	6	5	13	1	1	0	1	3	29
JUL	3	8	21	2	1	1	4	1	21
AUG	3	6	19	1	2	2	0	2	27
SEP	2	5	21	3	0	0	3	0	25
OCT	5	2	5	1	3	3	21	2	20
NOV	4	1	8	2	2	4	13	2	24
DEC	3	1	7	2	2	5	18	3	21
J/Y	54	48	127	22	23	54	79	26	295

HA 6M

1008/578 OTAVI

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	2	11	2	21	8	2	0	2	3
FEB	0	3	9	12	3	9	2	2	6
MAR	0	4	14	19	0	1	0	1	9
APR	8	8	8	9	4	4	2	1	6
MAY	0	3	5	8	2	3	8	8	12
JUN	4	11	9	7	4	0	1	0	14
JUL	5	7	6	7	3	1	1	0	14
AUG	5	8	14	11	1	2	3	1	5
SEP	3	10	14	12	0	0	2	1	8
OCT	8	10	5	11	4	5	2	3	4
NOV	7	13	5	9	0	2	2	4	8
DEC	4	11	0	14	1	2	2	8	6
J/Y	46	99	91	140	30	31	25	31	95

HA 6M

1051/731 OKAUKUEJO

1959	N	NE	E	SE	S	SW	W	NW	K/C
JAN	-	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-	-
MAR	-	-	-	-	-	-	-	-	-
APR	-	-	-	-	-	-	-	-	-
MAY	9	2	2	5	1	10	10	6	17
JUN	12	7	6	4	1	4	2	0	24
JUL	5	11	8	8	3	5	1	1	20
AUG	7	5	11	4	5	4	5	0	17
SEP	2	6	26	5	9	1	1	0	10
OCT	3	7	11	2	3	5	9	4	18
NOV	8	10	6	7	4	4	6	1	9
DEC	15	10	6	2	8	5	4	0	0
J/Y	-	-	-	-	-	-	-	-	-

HA -M

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROËBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

4/723 TOKAI BOS — ø 34°03'S λ 18°25'E H 56M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	(19·6)	-	-	(2·9)	(26·3)	-	-	-	31·5	31	-	-	19·3	12	-	-
FEB	(20·3)	-	-	(2·9)	-	(15·4)	-	-	-	-	8·9	21	-	-	-	-
MAR	-	-	-	-	(25·0)	-	-	-	29·8	24	-	-	-	-	-	-
APR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAY	-	-	-	-	(17·9)	-	-	-	26·0	18	-	-	-	-	-	-
JUN	(10·1)	-	-	(3·4)	(17·1)	(7·4)	(12·3)	-	25·0	14	5·2	9	-	-	-	-
JUL	(10·6)	-	-	(3·5)	(18·9)	(6·4)	(12·7)	-	22·5	20	4·5	7	-	-	-	-
AUG	11·4	-	-	3·5	18·9	8·6	13·7	-	29·0	22	4·0	7	11·4	6	13·6	12
SEP	12·3	-	-	4·1	20·1	8·7	14·4	-	34·0	29	3·5	13	12·4	12	13·3	30
OCT	14·7	-	-	4·7	19·8	9·5	14·7	-	28·0	20	3·4	31	-	-	14·9	15
NOV	17·8	-	-	3·3	23·0	12·5	17·7	-	31·0	22	7·0	1	16·0	1	16·8	24
DEC	19·2	-	-	3·8	23·2	14·2	18·7	-	29·4	20	10·6	5	19·0	4	18·6	30
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	11·7	5·0	11	-	3	0	0	0	-	0	0	0	0	0	-
FEB	6·7	2·5	12	-	3	0	0	-	-	-	-	0	0	0	-
MAR	45·0	24·0	12	-	4	2	0	0	0	0	0	-	-	-	-
APR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAY	128·1	-	-	-	-	-	-	0	0	-	-	-	-	-	-
JUN	46·8	24·5	23	-	3	2	0	0	0	-	-	0	0	0	0
JUL	51·6	12·0	23	-	11	1	0	0	0	-	-	0	0	-	0
AUG	144·7	40·0	14	-	11	5	4	0	0	-	-	0	0	-	0
SEP	48·3	21·0	20	-	7	1	0	0	1	7	0	0	0	2	0
OCT	63·7	20·0	31	-	7	3	0	0	0	10	0	0	0	2	0
NOV	13·0	7·0	17	-	3	0	0	0	1	1	0	0	0	0	0
DEC	14·5	6·0	3	-	5	0	0	0	0	0	0	0	0	0	0
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROËBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

5/545 SOMERSET WEST DYN — ø 34°05'S λ 18°49'E H 8M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	19·2	15·8	68	2·3	25·3	15·5	20·4	-1·3	33·6	23	11·2	21	19·2	12	19·0	9
FEB	20·0	17·0	72	2·0	26·6	17·5	22·1	0·5	35·4	4	11·7	21	21·8	19	21·3	12
MAR	17·2	15·2	80	2·9	25·1	15·2	20·1	0·3	36·2	15	10·5	20	19·4	17	19·5	26
APR	14·0	12·9	87	4·0	21·8	12·3	17·1	0·0	29·8	17	7·4	24	13·8	29	17·5	1
MAY	12·0	11·0	88	5·9	17·3	10·4	13·9	-0·8	23·5	5	5·6	15	14·2	14	15·0	20
JUN	9·8	8·7	86	3·7	18·3	7·5	12·9	0·2	25·7	13	4·5	4	14·4	24	11·5	2
JUL	9·0	7·9	85	2·6	17·3	6·6	11·9	0·0	23·0	2	3·5	27	14·4	7	11·8	3
AUG	9·9	8·9	87	3·3	18·1	8·0	13·1	0·6	27·0	21	3·5	9	12·3	6	14·8	29
SEP	11·5	10·2	84	3·5	20·2	8·7	14·5	0·8	30·8	29	3·0	13	13·5	12	14·0	30
OCT	14·6	12·5	77	4·8	20·8	11·6	16·2	0·3	28·0	25	5·2	6	15·2	4	15·0	8
NOV	18·6	14·9	65	1·9	25·6	14·9	20·3	2·1	34·0	22	9·7	3	16·9	1	19·0	16
DEC	19·7	16·0	66	2·9	25·8	16·6	21·2	0·9	35·6	31	11·0	11	20·3	17	20·8	31
J/Y	14·6	12·6	79	3·3	21·9	12·1	17·0	0·3	36·2	-	3·0	-	12·3	-	21·3	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	21·8	6·5	27	6	5	0	0	0	3	0	0	0	0	0	0
FEB	14·0	8·5	26	6	3	0	0	1	4	0	0	0	0	0	3
MAR	29·0	15·7	3	7	6	1	0	1	5	0	0	0	0	0	0
APR	164·9	37·8	11	13	10	6	3	0	0	4	0	0	0	0	0
MAY	237·3	40·8	30	19	17	11	3	0	0	18	0	0	0	0	0
JUN	28·4	18·5	23	5	4	1	0	0	0	14	0	0	0	3	0
JUL	35·1	8·5	12	10	8	0	0	0	0	19	0	0	0	6	0
AUG	97·0	25·8	29	10	6	5	1	0	0	16	0	0	0	6	0
SEP	57·0	21·5	20	9	7	2	0	0	1	6	0	0	0	4	0
OCT	54·3	10·5	30	10	9	1	0	0	0	7	0	0	0	0	0
NOV	4·0	4·0	17	1	1	0	0	0	5	1	0	0	0	0	0
DEC	11·5	7·0	16	5	4	0	0	1	6	0	0	0	0	0	3
J/Y	752·3	40·8	-	101	80	27	7	3	24	81	0	0	0	19	6

6/ 39 ELGIN BOS — ø 34°09'S λ 19°02'E H 258M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	17·0	-	-	3·9	24·8	10·2	17·5	-	35·5	3W	4·0	13	15·2	12	16·0	25
FEB	16·8	-	-	4·6	25·7	13·5	19·6	-	36·0	4	7·0	20	20·4	19	18·4	12
MAR	13·9	-	-	3·6	23·4	11·8	17·6	-	35·0	15	5·8	20	14·8	21	16·6	7
APR	11·0	-	-	3·9	20·3	9·1	14·7	-	32·0	17	3·8	26	11·5	29	13·8	19
MAY	9·9	-	-	5·5	16·3	7·4	11·9	-	22·5	5	1·5	17	12·2	14	13·8	20
JUN	6·5	-	-	3·8	18·1	3·6	10·9	-	25·6	13	0·2	4	11·6	2	7·8	2
JUL	5·6	-	-	3·3	17·2	2·0	9·6	-	24·5	2	0·0	30	12·2	13	8·6	3
AUG	6·3	-	-	3·0	17·5	3·5	10·5	-	28·0	22	-2·0	3	9·4	6	13·0	29
SEP	7·7	-	-	3·4	20·2	4·7	12·5	-	35·2	29	-0·5	13	10·5	12	11·0	30
OCT	12·3	-	-	4·6	19·1	8·1	13·6	-	28·9	20	3·6	6	11·8	4	12·0	29
NOV	16·0	-	-	3·9	23·6	11·3	17·5	-	32·5	22	4·1	4	14·0	1	16·2	22
DEC	17·3	-	-	4·2	24·6	12·9	18·7	-	32·2	31	7·5	11	18·8	4	19·4	30
J/Y	11·7	-	-	4·0	20·9	8·2	14·5	-	36·0	-	-2·0	-	9·4	-	19·4	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	10·1	4·5	27	5	4	0	0	1	3	1	0	0	0	3	0
FEB	14·2	7·0	12	6	4	0	0	1	5	0	0	0	0	0	0
MAR	42·2	14·0	3	8	6	1	0	0	3	4	0	0	0	0	0
APR	196·7	42·0	7	14	13	5	4	0	1	8	0	0	0	2	0
MAY	282·6	60·0	30	19	16	10	4	0	0	21	0	0	0	9	0
JUN	54·2	38·5	23	5	4	1	1	0	0	15	0	0	0	17	0
JUL	79·5	25·0	13	9	8	3	1	0	0	18	0	0	0	26	
AUG	176·0	63·5	29	8	7	4	3	0	0	16	2	0	2	22	0
SEP	69·7	27·5	20	8	7	3	1	1	1	9	0	0	2	15	0
OCT	88·0	22·5	30	13	10	3	0	0	0	14	0	0	0	4	0
NOV	7·1	5·0	17	3	2	0	0	0	1	3	0	0	0	2	0
DEC	24·9	13·0	16	6	6	1	0	0	2	0	0	0	0	0	0
J/Y	1045·2	63·5	-	104	87	31	14	3	16	109	2	0	4	100	0

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM (TX + TN) / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

20/714A THREE ANCHOR BAY — ø 33°54'S λ 18°24'E H 76M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	-	-	-	-	25·3	15·2	20·3	-	35·3	30	12·2	11	19·0	12	18·9	29
FEB	19·9	16·5	69	1·6	27·6	16·8	22·2	-	37·9	4	13·2	19	21·2	19	22·3	12
MAR	18·6	15·6	71	2·7	25·1	15·7	20·4	-	33·8	14	11·6	18	18·4	17	21·8	15
APR	15·3	13·6	82	3·6	21·4	13·2	17·3	-	30·5	17	9·7	30	13·8	29	17·9	18
MAY	13·5	12·1	84	5·4	16·8	11·7	14·3	-	25·4	18	7·1	15	13·7	24	14·0	18
JUN	12·8	11·4	84	3·1	18·1	10·6	14·3	-	24·4	13	8·3	12	13·9	21	13·2	29
JUL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AUG	13·4	11·2	75	3·7	18·8	11·1	14·9	-	28·6	20	6·2	7	12·0	6	16·2	11
SEP	14·2	11·9	75	3·5	20·4	11·0	15·7	-	35·4	29	6·8	13	13·2	11	13·8	29
OCT	14·8	12·5	75	4·7	20·9	11·9	16·4	-	30·1	14	7·3	4	15·4	4	14·9	20
NOV	17·7	14·2	66	1·8	24·1	13·8	18·9	-	34·9	22	9·1	1	16·8	1	17·9	22
DEC	20·7	16·2	60	3·1	24·8	15·6	20·2	-	33·2	31	13·1	11	19·2	17	19·9	30
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1959	NEERSLAG / PRECIP R MM	Rx IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	18·8	6·3	19	6	3	0	0	1	2	0	0	0	0	0	0
FEB	18·8	6·6	25	6	5	0	0	1	5	0	0	0	0	0	2
MAR	35·1	28·7	3	5	2	1	1	0	4	0	0	0	0	0	1
APR	130·2	60·7	11	12	10	5	1	0	1	7	0	0	0	0	0
MAY	211·9	34·0	7	22	20	10	2	0	0	21	0	0	0	0	0
JUN	27·0	10·7	24	6	5	1	0	0	0	16	0	0	0	0	0
JUL	36·1	13·2	31	7	4	2	0	-	-	-	-	-	-	-	-
AUG	86·4	17·5	16	12	8	5	0	0	0	15	0	0	0	0	0
SEP	47·5	12·7	20	12	8	2	0	1	1	7	0	0	0	0	0
OCT	44·2	14·5	31	8	6	2	0	0	1	4	0	0	0	0	0
NOV	7·1	4·8	18	2	2	0	0	0	-	1	0	0	0	0	0
DEC	15·0	5·3	14	5	5	0	0	0	3	0	0	0	0	0	0
J/Y	678·1	60·7	-	103	78	28	4	-	-	-	-	-	-	-	-

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
Rx MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

20/744 CAPE TOWN CITY HOSP — ø 33°54'S λ 18°25'E H 16M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	18·6	15·7	72	2·4	25·3	14·7	20·0	-1·1	35·0	30	12·0	3	18·5	12	18·4	6
FEB	19·9	-	-	1·6	27·7	16·1	21·9	0·9	37·4	4	13·0	19	22·4	19	21·0	12
MAR	17·5	-	-	3·5	24·6	14·9	19·7	0·3	33·0	14	11·6	28	19·5	18	18·0	15
APR	15·0	14·2	91	4·3	20·4	12·9	16·7	-0·7	27·2	17	9·5	24	14·4	29	17·4	18
MAY	13·3	12·1	86	6·6	17·1	11·3	14·2	-1·0	24·0	18	7·0	15	13·6	14	13·5	13
JUN	12·2	10·7	82	4·4	17·4	9·9	13·7	0·1	22·5	29	7·5	25	14·4	24	12·0	30
JUL	12·0	10·5	82	3·4	17·6	9·7	13·7	0·9	21·5	30	7·5	26	14·5	7	12·2	14
AUG	12·6	10·9	80	4·6	18·7	10·6	14·7	1·3	27·8	20	7·0	7	13·0	6	14·0	29
SEP	13·7	12·0	80	4·2	20·4	10·7	15·5	1·0	34·2	29	6·6	13	14·4	11	14·2	30
OCT	15·9	14·6	86	4·6	20·9	12·2	16·5	0·1	29·0	20	8·5	4	15·8	4	15·5	8
NOV	18·1	-	-	2·5	24·1	13·7	18·9	0·5	34·0	22	10·0	1	15·6	1	17·0	25
DEC	19·3	15·5	65	3·9	25·0	15·7	20·3	0·2	33·5	31	13·0	11	19·4	16	20·5	30
J/Y	15·7	-	-	3·8	21·6	12·7	17·1	0·2	37·4	-	6·6	-	13·0	-	21·0	-

1959	NEERSLAG / PRECIP R MM	Rx IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	14·0	5·5	19	3	3	0	0	0	1	0	0	0	0	0	0
FEB	17·4	9·3	25	5	2	0	0	1	5	0	0	0	0	0	1
MAR	30·9	23·0	3	5	3	1	0	0	4	0	0	0	0	0	0
APR	120·6	61·0	11	12	10	3	1	0	0	5	0	0	0	0	0
MAY	164·9	27·0	6	23	18	7	1	0	0	22	0	0	0	0	0
JUN	20·4	11·0	23	6	5	1	0	0	0	18	0	0	0	0	0
JUL	28·4	12·0	23	9	5	1	0	0	0	16	0	0	0	0	0
AUG	84·2	22·0	30	12	7	5	0	0	0	16	0	0	0	0	0
SEP	36·3	10·5	11	10	7	1	0	0	1	8	0	0	0	0	0
OCT	39·3	16·2	30	9	7	2	0	0	0	4	0	0	0	0	0
NOV	4·5	4·5	17	1	1	0	0	0	2	1	0	0	0	0	0
DEC	8·6	4·2	13	4	3	0	0	0	3	0	0	0	0	0	1
J/Y	569·5	61·0	-	99	71	21	2	1	16	90	0	0	0	0	2

20/779 KIRSTENBOSCH BOT — ø 33°59'S λ 18°26'E H 89M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	18·5	15·5	71	3·2	23·2	14·2	18·7	-1·0	30·2	30	10·6	13	18·0	12	17·5	9
FEB	19·5	16·7	74	2·9	25·0	16·0	20·5	0·4	32·7	21	11·0	2	19·9	26	20·3	12
MAR	17·1	15·1	80	3·4	23·3	13·8	18·5	-0·6	35·9	14	9·7	22	18·6	4	19·4	15
APR	14·2	12·9	85	4·0	20·7	11·9	16·3	-0·9	29·2	1	8·4	24	12·9	29	16·7	18
MAY	12·0	10·9	87	6·1	16·0	10·2	13·1	-1·8	24·9	18	6·1	17	12·6	14	13·1	20
JUN	11·0	9·6	82	3·3	17·8	8·1	12·9	-0·5	25·0	29	4·9	25	12·8	24	12·6	7
JUL	10·3	8·7	80	2·5	17·9	7·6	12·7	0·1	25·0	30	5·1	10	13·2	13	13·4	21
AUG	12·3	10·1	74	3·5	17·9	9·5	13·7	0·9	27·5	22	3·5	7	11·2	6	17·2	23
SEP	12·9	11·2	80	4·1	19·7	8·7	14·2	0·5	34·3	29	3·5	13	11·5	12	13·5	30
OCT	14·4	12·0	74	4·7	19·3	10·4	14·9	-0·3	28·7	20	6·2	4	13·2	4	14·7	15
NOV	17·2	14·5	73	3·1	21·9	12·8	17·3	0·2	29·8	22	7·2	1	14·7	1	16·5	24
DEC	18·5	15·7	73	2·9	22·5	14·6	18·5	-0·2	27·8	31	10·7	13	18·4	4	17·5	24
J/Y	14·8	12·7	78	3·6	20·4	11·5	15·9	-0·3	35·9	-	3·5	-	11·2	-	20·3	-

1959	NEERSLAG / PRECIP R MM	Rx IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	48·0	12·5	9	9	7	3	0	0	1	0	0	0	0	0	0
FEB	8·3	3·8	26	5	3	0	0	0	2	0	0	0	0	0	1
MAR	48·1	17·7	3	11	8	2	0	1	2	0	0	0	0	0	0
APR	202·4	66·4	11	17	13	8	2	0	0	6	0	0	0	0	0
MAY	587·6	87·8	29	25	23	15	10	0	0	26	0	0	0	0	0
JUN	57·0	38·4	23	7	4	2	1	0	0	18	0	0	0	1	0
JUL	49·1	9·8	2	16	11	0	0	0	0	15	0	0	0	0	0
AUG	199·5	53·1	14	15	11	6	4	0	0	20	0	0	0	1	0
SEP	115·8	39·6	11	9	8	3	2	0	1	10	0	0	0	2	0
OCT	70·9	29·1	30	13	8	2	1	0	0	12	0	0	0	0	0
NOV	4·3	4·1	17	2	1	0	0	0	0	3	0	0	0	0	0
DEC	10·3	6·5	16	5	2	0	0	0	0	0	0	0	0	0	0
J/Y	1401·3	87·8	-	134	99	41	20	1	6	110	0	0	0	4	1

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROEBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

20/866 CAPE TOWN ROYAL OBS

ø 33°56'S λ 18°29'E H 12M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN					25·5	16·0	20·7	-0·8	32·5	30	12·1	3	20·5	12	18·8	23
FEB					27·1	17·4	22·3	0·6	34·2	4	13·0	19	22·8	26	21·2	12
MAR					24·8	15·1	19·9	-0·6	34·7	14	11·2	18	20·8	17	18·7	6
APR					21·1	12·7	16·9	-1·2	28·9	17	8·3	24	14·7	29	17·2	18
MAY					17·7	11·4	14·5	-0·8	26·3	18	5·5	15	15·4	27	14·4	20
JUN					18·3	9·4	13·9	0·2	24·1	29	4·9	27	14·8	24	13·3	6
JUL					18·7	7·4	13·1	0·2	23·3	30	3·5	9	15·0	10	11·8	3
AUG					19·0	9·3	14·1	0·4	29·7	20	4·6	7	12·9	6	13·6	23
SEP					21·0	10·1	15·5	0·8	34·7	29	5·5	13	-	-	-	-
OCT					21·0	12·1	16·5	-0·4	29·2	20	7·4	5	16·4	4	-	-
NOV					24·2	14·3	19·3	0·2	32·6	22	8·9	1	17·8	1	17·3	12
DEC					25·5	16·0	20·7	0·3	32·5	30	12·1	12	20·5	12	18·8	23
J/Y					22·0	12·6	17·3	0·0	34·7	-	3·5	-	12·9	-	21·2	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	17·7	8·4	11	5	4	0	0	0	1	0	0	0	0	0	0
FEB	13·6	4·7	25	6	4	0	0	0	3	0	0	0	0	0	1
MAR	35·5	25·9	3	6	5	1	1	0	2	0	0	0	0	0	0
APR	132·2	56·0	11	14	11	3	1	0	0	5	0	0	0	0	0
MAY	192·7	39·5	6	21	18	8	1	0	0	18	0	0	0	0	0
JUN	20·7	10·8	23	4	3	1	0	0	0	12	0	0	0	1	0
JUL	32·8	9·4	12	9	7	0	0	0	0	10	0	0	0	4	0
AUG	78·1	19·3	15	12	9	5	0	0	0	15	0	0	0	1	0
SEP	38·4	12·2	11	6	6	2	0	0	1	-	0	0	0	0	0
OCT	33·4	13·4	28	10	5	2	0	0	0	4	0	0	0	0	0
NOV	6·2	6·2	17	1	1	0	0	0	1	0	0	0	0	0	0
DEC	17·7	8·4	11	5	4	0	0	0	1	0	0	0	0	0	0
J/Y	619·0	56·0	-	99	77	22	3	0	9	-	0	0	0	6	1

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPN GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

21/591 ELSENBURG LANDBOU/AGRIC

ø 33°51'S λ 18°50'E H 181M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	17·8	14·9	72	1·8	27·0	13·1	20·1	-1·5	36·7	30	8·7	21	17·9	12	17·3	9
FEB	18·3	-	-	2·1	28·8	14·8	21·8	0·1	38·3	4	9·0	20	21·0	19	19·6	11
MAR	16·4	14·9	84	3·0	26·6	13·5	20·1	-0·4	37·8	14	8·9	10	19·0	17	24·1	15
APR	13·5	12·2	85	3·9	21·2	11·4	16·3	-1·8	32·5	17	7·0	30	12·0	29	18·0	18
MAY	11·5	10·7	90	5·8	16·4	9·7	13·1	-2·1	24·8	18	4·0	15	12·5	14	13·4	20
JUN	10·7	9·8	88	3·0	17·5	7·9	12·7	-0·7	25·5	29	4·2	4	12·8	2	10·5	30
JUL	10·0	8·1	76	2·5	17·5	7·0	12·3	-0·1	24·5	30	4·0	8	13·2	7	11·0	3
AUG	11·2	9·3	77	2·8	17·9	8·3	13·1	0·3	27·2	20	2·0	7	10·5	6	14·7	21
SEP	11·7	10·2	81	2·8	20·8	8·2	14·5	0·8	35·0	29	3·0	13	11·7	12	11·6	7
OCT	13·0	11·4	81	2·9	20·8	9·4	15·1	-0·8	30·6	25	4·2	5	13·2	4	12·5	26
NOV	16·7	13·9	71	0·7	25·9	11·7	18·8	0·4	35·5	22	7·0	19	15·5	1	16·0	17
DEC	18·9	15·3	67	1·7	26·5	13·8	20·1	0·0	35·5	31	9·2	5	19·0	4	19·5	31
J/Y	14·1	-	-	2·7	22·2	10·7	16·5	-0·5	38·3	-	2·0	-	10·5	-	24·1	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	23·1	16·9	11	-	3	1	0	1	5	0	0	0	0	0	0
FEB	10·8	6·0	12	-	3	0	0	2	8	0	0	0	0	0	0
MAR	18·1	11·0	3	-	3	1	0	3	4	0	0	0	0	0	1
APR	102·1	23·5	11	-	9	6	0	0	1	6	0	0	0	0	0
MAY	269·2	44·7	6	-	19	11	3	0	0	26	0	0	0	2	0
JUN	29·1	13·3	23	-	5	1	0	0	0	18	0	0	0	2	0
JUL	24·5	6·0	12	-	5	0	0	0	0	17	0	0	0	2	0
AUG	77·5	25·5	15	-	6	3	1	0	0	18	0	0	0	3	0
SEP	41·6	14·0	11	-	6	2	0	0	1	8	0	0	0	2	0
OCT	56·5	13·5	30	-	9	2	0	0	1	8	0	0	0	1	0
NOV	4·3	4·3	17	-	1	0	0	1	3	1	0	0	0	0	0
DEC	20·8	10·4	16	-	2	1	0	1	6	0	0	0	0	0	0
J/Y	677·6	44·7	-	-	71	28	4	8	29	102	0	0	0	12	1

21/656 WELGEVALLEN AGR

ø 33°56'S λ 18°52'E H 119M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	18·3	-	-	2·0	27·7	12·6	20·1	-	36·9	30	7·5	21	18·5	12	16·6	28
FEB	18·6	-	-	1·9	29·6	14·0	21·8	-	38·7	4	9·8	20	22·6	19	21·5	12
MAR	15·1	-	-	2·5	27·2	12·9	20·1	-	38·2	14	8·2	20	19·3	17	19·3	15
APR	11·9	-	-	2·7	21·8	10·7	16·3	-	31·0	17	6·5	26	13·0	29	16·9	18
MAY	11·0	-	-	5·5	17·4	9·3	13·3	-	26·8	18	3·8	15	13·7	30	14·9	20
JUN	8·7	-	-	2·8	19·0	6·1	12·5	-	26·7	12	2·0	4	13·6	2	12·4	21
JUL	7·5	-	-	2·0	18·6	5·2	11·9	-	26·3	30	2·2	9	13·4	7	11·3	3
AUG	9·2	-	-	2·4	19·5	6·9	13·2	-	29·4	20	2·0	7	10·6	6	14·0	29
SEP	10·3	-	-	2·5	21·7	7·5	14·6	-	36·2	29	2·4	13	12·0	12	13·8	30
OCT	13·3	-	-	3·6	21·1	9·9	15·5	-	30·9	25	4·6	6	13·2	4	14·4	26
NOV	16·8	-	-	1·0	26·6	11·5	19·1	-	35·9	22	7·9	19	15·8	1	15·5	17
DEC	18·5	-	-	2·1	26·5	13·8	20·1	-	35·3	31	9·2	11	18·9	4	17·5	30
J/Y	13·3	-	-	2·6	23·1	10·0	16·5	-	38·7	-	2·0	-	10·6	-	21·5	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	13·5	5·0	19	-	3	0	0	2	6	0	0	0	0	0	0
FEB	15·5	6·0	12	-	4	0	0	2	11	0	0	0	0	0	1
MAR	23·5	11·0	8	-	5	1	0	3	6	0	0	0	0	0	0
APR	176·1	44·0	11	-	10	7	3	0	1	5	0	0	0	0	0
MAY	287·5	37·0	30	-	19	11	3	0	0	20	0	0	0	3	0
JUN	47·5	24·0	23	-	5	1	0	0	0	13	0	0	0	1	0
JUL	29·0	8·0	2	-	8	0	0	0	0	14	0	0	0	18	0
AUG	102·0	30·0	15	-	7	4	1	0	0	15	0	0	0	10	0
SEP	48·5	19·0	11	-	7	2	0	1	1	7	0	0	0	7	0
OCT	75·0	17·0	30	-	10	4	0	0	1	8	0	0	0	1	0
NOV	5·0	5·0	17	-	1	0	0	1	4	1	0	0	0	0	0
DEC	21·5	11·0	16	-	4	1	0	1	6	0	0	0	0	0	0
J/Y	844·6	44·0	-	-	83	31	7	10	36	83	0	0	0	49	1

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM (TX + TN) / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

21/778 JONKERSHOEK BOS

Ø 33°58'S λ 18°56'E H 274M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	17·5	14·2	68	2·2	27·1	12·3	19·7	−1·4	36·8	30	7·0	21	16·6	12	17·5	6
FEB	18·2	15·4	73	1·9	29·3	14·2	21·7	0·4	38·6	4	9·3	18	21·2	19	21·6	12
MAR	15·2	13·2	78	3·2	26·6	13·1	19·9	−0·4	37·3	14	6·0	23	19·4	17	18·5	15
APR	12·0	11·0	88	4·0	21·3	10·0	15·7	−1·0	32·2	17	5·9	26	11·6	29	17·2	18
MAY	10·6	9·7	88	6·2	16·4	8·8	12·6	−1·6	25·6	18	2·9	15	12·7	24	14·2	20
JUN	8·8	7·2	79	2·8	18·6	5·8	12·2	−0·7	26·0	13	1·0	4	12·7	2	11·5	21
JUL	7·8	6·6	83	2·5	18·2	5·0	11·6	−0·3	27·0	30	2·0	26	12·5	7	10·3	3
AUG	9·0	7·6	81	2·7	18·6	6·6	12·6	0·3	28·3	20	1·2	7	10·4	6	11·4	29
SEP	9·9	8·3	79	3·8	21·3	6·5	13·9	0·6	35·2	29	1·6	13	11·7	12	12·8	30
OCT	13·2	11·2	77	4·6	20·3	9·2	14·7	−0·9	31·0	25	4·4	5	12·9	4	13·6	26
NOV	17·8	14·0	64	2·1	26·3	12·4	19·3	1·6	35·8	22	6·0	4	15·6	1	18·6	22
DEC	18·3	14·9	68	2·6	26·6	14·1	20·3	1·0	34·3	31	7·9	10	19·8	17	19·8	31
J/Y	13·2	11·1	77	3·2	22·5	9·8	16·1	−0·2	38·6	–	1·0	–	10·4	–	21·6	–

1959	R MM	RX IN 24H MM	D	REEN ≥1·0	REEN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <−2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
JAN	38·7	18·8	11	5	5	1	0	2	6	1	0	0	0	0
FEB	17·0	8·4	12	5	4	0	0	1	10	0	0	0	0	2
MAR	34·7	17·0	3	9	4	2	0	3	4	0	0	0	0	0
APR	224·0	54·5	11	15	12	6	3	0	1	6	0	0	0	0
MAY	345·8	45·0	30	23	19	14	4	0	0	23	0	0	0	2
JUN	73·7	35·0	23	6	5	3	1	0	0	12	0	0	0	10
JUL	39·7	9·8	2	13	8	0	0	0	0	16	0	0	0	19
AUG	174·8	45·0	15	12	7	6	4	0	0	16	0	0	0	10
SEP	88·0	36·5	11	10	7	3	1	1	1	8	0	0	0	8
OCT	118·4	28·0	30	12	11	5	1	0	1	10	0	0	0	3
NOV	8·3	8·0	17	3	1	0	0	1	4	1	0	0	0	0
DEC	39·8	16·0	3	7	4	2	0	0	7	0	0	0	0	0
J/Y	1202·9	54·5	–	120	87	42	14	8	34	93	0	0	0	52	2

21/793 PAARL LANDBOU/AGRIC

Ø 33°43'S λ 18°57'E H 166M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	19·8	15·8	64	2·4	28·7	14·9	21·8	−1·1	37·9	30	11·0	17	18·7	12	19·2	23
FEB	20·7	16·9	66	1·6	30·7	16·7	23·7	0·2	40·0	4	12·1	19	23·7	19	23·3	12
MAR	17·5	14·9	74	2·1	28·2	14·4	21·3	−0·8	38·8	13	8·5	22	20·9	17	19·5	6
APR	13·3	12·3	88	2·6	22·5	11·1	16·8	−0·7	34·2	17	5·5	24	13·6	30	16·9	1
MAY	10·7	9·9	90	5·8	16·9	8·9	12·9	−1·6	26·0	18	3·6	15	13·5	2	13·4	20
JUN	7·1	6·4	90	2·3	19·2	4·8	12·0	−0·3	25·4	13	1·2	4	12·5	24	11·2	21
JUL	6·3	5·6	90	1·8	18·8	4·4	11·6	0·5	25·7	30	1·8	24	13·7	10	10·0	4
AUG	8·2	7·3	87	2·3	19·0	6·0	12·5	0·0	27·5	20	0·8	7	11·2	6	10·4	14
SEP	11·2	9·7	81	3·6	22·7	7·7	15·2	0·7	36·8	29	1·8	13	15·4	12	12·4	30
OCT	14·8	11·9	69	2·9	22·4	10·8	16·6	−0·3	33·4	25	3·2	5	13·6	4	15·4	15
NOV	19·2	14·7	58	1·5	27·9	13·9	20·9	1·6	37·6	22	6·7	1	16·8	1	21·0	22
DEC	20·1	15·9	62	2·3	28·2	15·3	21·7	0·6	35·9	31	9·3	10	20·5	4	20·3	31
J/Y	14·1	11·8	77	2·6	23·8	10·7	17·3	−0·1	40·0	–	0·8	–	11·2	–	23·3	–

1959	R MM	RX IN 24H MM	D	REEN ≥1·0	REEN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <−2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
JAN	13·6	6·0	27	4	3	0	0	2	9	0	0	0	0	0
FEB	8·9	8·5	12	3	1	0	0	3	15	0	0	0	0	3
MAR	19·3	10·0	8	3	3	1	0	3	9	0	0	0	0	0
APR	94·0	19·5	11	13	10	4	0	0	1	3	0	0	0	0
MAY	390·5	54·0	21	22	19	13	6	0	0	20	0	0	0	3
JUN	37·0	18·5	23	4	4	2	0	0	0	11	0	0	0	16
JUL	16·0	5·5	12	6	4	0	0	0	0	14	0	0	0	21
AUG	103·5	39·5	15	8	7	4	1	0	0	15	0	0	0	12
SEP	54·2	16·0	20	8	6	3	0	1	2	7	0	0	0	5
OCT	76·9	22·5	30	10	8	3	0	0	3	7	0	0	0	1
NOV	3·0	3·0	17	1	1	0	0	1	8	1	0	0	0	1
DEC	12·3	7·0	3	5	4	0	0	1	9	0	0	0	0	1
J/Y	829·2	54·0	–	87	70	30	7	11	56	78	0	0	0	58	5

21/892 GROOT DRAKENSTEIN AGR

Ø 33°52'S λ 19°00'E H 146M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	19·6	–	–	–	28·7	13·9	21·3	–	37·4	30	8·9	17	18·2	12	19·3	23
FEB	20·3	–	–	–	30·6	15·9	23·3	–	40·0	4	9·7	22	23·0	19	22·3	12
MAR	16·6	–	–	–	28·0	12·8	20·4	–	38·6	14	6·6	22	20·3	18	17·1	12
APR	12·9	–	–	–	22·8	10·0	16·4	–	34·7	17	4·4	24	13·7	30	16·1	1
MAY	11·1	–	–	–	17·0	8·5	12·7	–	26·6	18	2·9	15	12·4	14	12·9	20
JUN	7·3	–	–	–	19·8	4·9	12·3	–	26·0	13	1·2	26	13·4	24	10·6	21
JUL	6·3	–	–	–	19·9	2·9	11·4	–	26·8	30	0·5	23	13·3	7	7·2	4
AUG	8·2	–	–	–	19·7	4·4	12·1	–	28·8	22	−0·9	7	11·2	6	10·5	29
SEP	10·5	–	–	–	23·0	6·5	14·7	–	33·5	29	1·1	13	12·9	12	11·6	30
OCT	14·6	–	–	–	22·2	9·7	15·9	–	32·8	25	2·8	5	14·4	4	15·1	25
NOV	18·8	–	–	–	28·1	13·1	20·6	–	38·3	22	7·0	3	16·9	1	18·3	22
DEC	20·0	–	–	–	28·3	14·3	21·3	–	35·5	31	8·0	10	21·2	4	19·7	31
J/Y	13·9	–	–	–	24·0	9·7	16·9	–	40·0	–	−0·9	–	11·2	–	22·3	–

1959	R MM	RX IN 24H MM	D	REEN ≥1·0	REEN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <−2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
JAN	27·0	13·0	11	–	4	1	0	2	12	0	0	0	0	0
FEB	14·8	11·0	12	–	4	1	0	4	14	0	0	0	0	2
MAR	21·6	13·0	3	–	3	1	0	3	8	0	0	0	0	0
APR	142·3	42·5	11	–	11	6	2	0	2	3	0	0	1	0
MAY	391·0	43·0	7	–	18	14	7	0	0	20	0	0	3	0
JUN	38·5	14·5	23	–	3	3	0	0	0	9	0	0	18	0
JUL	21·4	6·0	2	–	6	0	0	0	0	10	0	0	27	0
AUG	116·0	37·5	15	–	6	4	2	0	0	12	0	0	17	0
SEP	43·3	15·5	11	–	7	2	0	0	3	6	0	0	10	0
OCT	87·5	23·0	30	–	10	3	0	0	3	8	0	0	3	0
NOV	1·2	1·2	17	–	1	0	0	1	7	1	0	0	0	0
DEC	11·0	11·0	3	–	1	1	0	2	10	0	0	0	0	0
J/Y	915·6	43·0	–	–	74	36	11	12	59	69	0	0	0	79	2

KLIMAATTABELLE / CLIMATOLOGICAL TABLES
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROEBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

34/766 UITENHAGE PUR

ø 33°46' S λ 25°26' E H 32M HT 1·2M HR 1·2M

08

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	19·7	-	-	3·1	27·9	14·3	21·1	-	37·0	27	10·0	15	18·2	13	19·0	28
FEB	20·9	18·4	78	3·4	27·7	15·9	21·8	-	32·8	25	8·5	21	23·6	6	21·0	12
MAR	19·6	17·5	80	3·9	27·0	14·7	20·9	-	34·8	16	8·5	20	18·3	17	20·2	31
APR	16·0	14·4	83	3·6	24·7	12·4	18·5	-	36·2	18	5·0	9	15·0	29	20·0	2
MAY	11·5	10·1	83	2·5	22·3	7·2	14·7	-	28·4	20	2·8	29	14·2	15	11·6	13
JUN	9·7	8·1	79	1·3	23·5	5·2	14·3	-	29·4	23	-1·5	26	16·5	3	11·3	15
JUL	10·3	-	-	1·8	22·1	5·3	13·7	-	30·2	30	1·3	5	16·3	8	10·8	19
AUG	11·8	9·8	76	1·9	22·5	6·4	14·5	-	32·0	28	1·0	8	12·8	2	12·0	14
SEP	14·2	12·2	78	1·5	23·1	7·8	15·5	-	35·7	29	0·8	2	13·4	12	14·6	7
OCT	17·9	14·5	67	3·7	23·0	11·6	17·3	-	35·2	26	2·5	7	15·3	8	17·7	26
NOV	20·8	16·7	64	3·1	25·1	13·3	19·2	-	32·3	26	4·6	3	19·5	8	20·5	18
DEC	21·3	17·4	73	3·2	25·6	15·0	20·3	-	32·6	20	8·0	6	19·5	1	20·5	21
J/Y	16·1	-	-	2·7	24·5	10·7	17·6	-	37·0	-	-1·5	-	12·8	-	21·0	-

1959	R MM	RX MM	D	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20
JAN	71·7	34·6	25	11	7	2	1	1	10	0	0	0	0	0	0
FEB	20·1	8·5	28	9	5	0	0	0	5	0	0	0	0	0	2
MAR	85·5	32·5	4	9	7	3	1	0	9	0	0	0	0	0	1
APR	73·1	24·5	29	11	9	3	0	2	4	3	0	0	0	0	0
MAY	14·1	6·0	24	6	4	0	0	0	0	2	0	0	0	5	0
JUN	7·8	7·8	8	1	1	0	0	0	0	2	0	0	1	15	0
JUL	54·1	35·0	17	5	3	2	1	0	1	4	0	0	0	17	0
AUG	52·4	47·0	2	7	4	1	1	0	3	3	0	0	0	10	0
SEP	15·3	7·5	12	5	4	0	0	1	4	3	0	0	0	7	0
OCT	23·4	7·0	8	9	6	0	0	1	3	4	0	0	0	1	0
NOV	8·5	2·4	24	8	4	0	0	0	3	0	0	0	0	1	1
DEC	28·9	15·5	3	9	6	1	0	0	1	0	0	0	0	0	1
J/Y	454·9	47·0	-	90	60	12	4	5	43	21	0	0	1	46	5

41/347 LANGGEWENS LANDBOU/AGRIC

ø 33°17' S λ 18°42' E H 91M HT 1·2M HR 1·2M

08

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	19·8	15·4	61	1·8	30·5	15·1	22·8	-0·8	39·6	30	10·0	13	21·5	12	18·7	31
FEB	20·8	17·1	76	1·9	32·5	17·2	24·9	1·2	41·5	4	12·4	20	23·8	19	21·9	11
MAR	17·9	15·0	72	3·2	28·8	15·2	22·0	-0·1	39·5	13	10·6	18	21·8	9	24·0	15
APR	14·4	12·8	82	3·8	23·3	12·6	17·9	-1·3	35·5	17	8·0	29	13·5	29	20·1	18
MAY	11·8	10·6	85	6·0	17·2	10·3	13·7	-2·0	24·7	18	4·6	15	12·9	14	13·5	20
JUN	10·3	8·8	81	2·7	19·1	8·2	13·7	0·2	26·0	13	5·2	25	14·0	24	12·5	29
JUL	9·2	7·9	82	2·5	19·1	6·9	13·0	0·7	27·5	30	3·6	10	15·4	10	11·5	3
AUG	10·1	8·5	79	3·5	19·4	7·7	13·5	0·2	28·3	11	1·6	7	11·5	6	13·0	11
SEP	12·7	10·4	73	4·3	23·1	8·6	15·9	1·4	38·8	29	2·4	13	13·5	12	13·9	17
OCT	15·1	12·4	71	5·0	23·5	10·7	17·1	-0·3	35·0	25	5·0	5	15·9	4	15·6	25
NOV	18·8	15·5	69	2·1	29·1	13·6	21·3	0·8	39·0	22	7·4	2	18·6	1	19·7	22
DEC	20·5	15·9	60	2·9	29·9	14·8	22·3	0·2	38·5	31	11·2	18	20·6	4	22·5	31
J/Y	15·1	12·5	74	3·3	24·6	11·7	18·1	0·0	41·5	-	1·6	-	11·5	-	24·0	-

1959	R MM	RX MM	D	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20
JAN	1·0	1·0	19	1	1	0	0	4	15	0	0	0	0	0	0
FEB	14·8	10·0	12	4	2	1	0	7	21	0	0	0	0	0	4
MAR	17·2	8·5	8	4	3	0	0	3	11	0	0	0	0	0	3
APR	44·1	13·5	7	9	8	1	0	1	2	3	0	0	0	0	1
MAY	150·5	22·5	21	20	18	6	0	0	0	17	0	0	0	1	0
JUN	23·7	15·5	23	4	3	1	0	0	0	12	0	0	0	0	0
JUL	29·3	19·0	12	8	4	1	0	0	0	12	0	0	0	4	0
AUG	52·5	21·0	15	6	6	2	0	0	0	11	0	0	0	7	0
SEP	22·8	9·0	20	6	5	0	0	1	2	6	0	0	0	3	0
OCT	36·8	18·0	30	8	5	1	0	0	4	3	0	0	0	0	0
NOV	0·6	0·6	17	1	0	0	0	1	12	0	0	0	0	0	0
DEC	6·7	5·5	3	2	2	0	0	5	16	0	0	0	0	0	1
J/Y	400·0	22·5	-	73	57	13	0	22	83	64	0	0	0	15	9

42/785 FARM LOCH LYNNE

ø 33°05' S λ 19°27' E H 975M HT 1·2M HR 1·2M

08

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	15·9	12·6	66	-	26·8	10·7	18·7	-	34·5	30	4·0	13	15·4	12	16·0	24
FEB	16·9	13·1	62	-	29·2	12·1	20·7	-	37·6	4	8·2	24	20·5	12	18·5	12
MAR	12·7	10·3	73	-	25·9	9·2	17·5	-	33·2	14	3·6	19	15·2	17	16·3	16
APR	9·0	7·6	82	-	-	6·2		-	-	-	0·5	24	-	-	14·5	19
MAY	5·9	5·2	90	-		2·7		-			-1·6	16			8·2	12
JUN	2·6	-	-	-	-	-0·3	-	-	-	-	-4·0	25	-	-	3·3	15
JUL	0·2	-	-	-	16·1	-2·1	7·0	-	22·3	29	-5·5	28	11·0	23	3·0	13
AUG	3·1	-	-	-	16·2	-0·1	8·1	-	24·5	13	-6·5	7	6·7	15	9·9	12
SEP	5·3	-	-	-	19·9	1·4	10·7	-	32·0	29	-3·3	13	8·0	12	5·8	20
OCT	10·1	7·6	68	-	19·2	5·0	12·1	-	29·0	25	-2·5	6	8·0	4	9·7	16
NOV	16·2	11·7	55	-	25·7	8·8	17·3	-	34·0	22	2·0	2	12·7	1	14·0	23
DEC	17·0	11·7	51	-	26·8	9·1	17·9	-	32·0	31	3·0	17	22·0	5	16·0	31
J/Y	9·6	-	-	-	-	5·2	-	-	37·6	-	-6·5	-	6·7	-	18·5	-

1959	R MM	RX MM	D	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20
JAN	1·7	1·7	11	-	1	0	0	0	5	1	0	0	0	1	0
FEB	0·0	0·0	-	-	0	0	0	2	12	0	0	0	0	0	0
MAR	0·0	0·0	-	-	0	0	0	0	5	3	0	0	0	2	0
APR	9·2	6·1	7	-	3	0	0	-	-	-	-	0	0	16	1
MAY	142·5	29·0	30	-	15	6	2	-	-	-	-	0	5	24	0
JUN	98·0	98·0	23	-	1	1	1	-	-	-	-	6	15	30	0
JUL	32·6	15·0	4	-	4	1	0	0	0	20	0	13	27	31	0
AUG	37·2	18·0	16	-	5	2	0	0	0	15	4	4	15	29	0
SEP	9·0	5·0	11	-	2	0	0	0	1	10	1	1	9	27	0
OCT	31·8	16·5	31	-	4	1	0	0	0	12	2	0	2	12	0
NOV	0·5	0·5	1	-	0	0	0	0	2	2	0	0	0	2	0
DEC	2·5	2·5	4	-	1	0	0	0	3	0	0	0	0	3	0
J/Y	365·0	98·0	-	-	36	11	3	-	-	-	-	24	73	177	0

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

46/472 NIETVOORBY

Ø 33°22'S λ 21°16'E H 760M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	18·4	13·0	52	2·1	28·4	12·1	20·3	–	36·2	31	6·7	17	11·0	12	16·9	10
FEB	19·0	14·8	62	1·9	29·3	13·6	21·5	–	36·3	4	8·5	20	20·0	12	18·6	28
MAR	17·4	13·7	65	1·9	27·3	12·6	19·9	–	35·5	13	5·7	11	15·5	17	21·5	14
APR	13·1	10·6	73	3·5	22·6	10·2	16·4	–	32·6	17	1·5	9	10·5	29	18·4	18
MAY	7·5	6·4	85	4·5	15·2	5·7	10·5	–	21·3	19	2·5	15	9·6	15	10·0	8
JUN	7·3	4·8	67	2·1	18·9	4·8	11·9	–	23·6	13	−0·5	3	10·8	24	9·5	29
JUL	6·8	4·6	70	1·7	17·0	4·4	10·7	–	24·0	30	−0·5	24	10·1	14	9·1	3
AUG	7·6	5·1	67	1·8	17·8	4·7	11·3	–	26·1	12	−2·0	8	7·7	6	13·0	12
SEP	11·1	7·5	58	2·3	21·6	6·1	13·9	–	31·8	29	−2·1	13	7·6	12	13·3	29
OCT	11·9	9·0	67	4·1	21·7	7·7	14·7	–	32·7	26	2·1	4	9·3	4	16·0	26
NOV	17·6	13·1	58	1·6	26·3	10·1	18·2	–	33·8	23	3·0	2	12·5	1	20·3	23
DEC	18·8	14·1	58	1·8	28·1	11·1	19·6	–	33·9	20	5·7	5	18·0	4	15·7	16
J/Y	13·0	9·7	65	2·4	22·9	8·6	15·7	–	36·3	–	−2·1	–	7·6	–	21·5	–

1959	R mm	RX IN 24H mm	D	REEN ≥20·1	REEN ≥21·0	RAIN ≥10	RAIN ≥25	MAX >35	MAX >30	TEMP <17·5	TEMP <10	MIN <−2·5	MIN <0·0	TEMP <5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	19·1	8·4	11	4	3	0	0	1	14	2	0	0	0	0	0
FEB	32·1	30·6	12	2	1	1	1	2	12	0	0	0	0	0	0
MAR	3·9	3·1	14	5	1	0	0	1	9	1	0	0	0	0	1
APR	52·1	18·5	29	11	7	1	0	0	5	7	0	0	0	2	0
MAY	61·2	23·3	12	12	8	3	0	0	0	25	1	0	0	13	0
JUN	6·7	4·0	23	5	3	0	0	0	0	8	0	0	2	13	0
JUL	62·5	48·0	13	6	3	2	1	0	0	19	0	0	2	16	0
AUG	25·3	6·5	30	8	5	0	0	0	0	16	1	0	3	18	0
SEP	15·1	5·6	21	5	4	0	0	0	1	6	1	0	2	13	0
OCT	53·0	25·4	30	9	5	2	1	0	3	10	1	0	0	7	0
NOV	2·2	1·6	17	3	1	0	0	0	6	2	0	0	0	2	1
DEC	9·2	5·7	3	3	2	0	0	0	12	0	0	0	0	0	0
J/Y	342·4	48·0	–	73	43	9	3	4	62	96	4	0	9	84	2

48/383 KANGOGROTTE

Ø 33°23'S λ 22°13'E H 640M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	17·4	–	–	2·6	28·2	12·1	20·1	–	37·0	30	6·5	13	13·1	12	18·1	1
FEB	17·9	–	–	1·9	29·8	13·4	21·6	–	37·0	4	8·2	21	20·1	15	18·3	12
MAR	17·4	–	–	2·6	27·5	11·8	19·7	–	36·8	13	6·2	18	12·3	17	20·6	16
APR	11·4	–	–	3·7	23·6	9·3	16·5	–	33·6	17	3·0	9	10·8	29	19·7	18
MAY	10·9	–	–	3·7	17·7	6·9	12·3	–	22·6	19	0·6	17	7·6	15	11·5	14
JUN	9·4	–	–	3·1	20·2	4·6	12·4	–	25·3	20	−1·6	25	11·6	8	16·9	14
JUL	8·5	–	–	2·8	18·8	3·9	11·3	–	25·3	30	0·1	26	10·6	14	11·9	3
AUG	8·3	–	–	1·6	19·6	4·6	12·1	–	27·9	13	−1·5	8	10·8	30	18·7	13
SEP	10·4	–	–	2·5	23·0	5·6	14·3	–	37·1	29	0·0	10	7·4	12	15·4	30
OCT	12·9	–	–	4·3	21·9	8·5	15·2	–	33·4	28	0·8	6	9·7	4	15·5	21
NOV	17·2	–	–	3·0	26·5	10·7	18·6	–	34·9	22	4·1	3	14·2	1	16·4	24
DEC	19·3	–	–	3·7	28·4	12·6	20·5	–	35·1	20	6·6	6	17·6	1	17·0	31
J/Y	13·4	–	–	3·0	23·8	8·7	16·7	–	37·1	–	−1·6	–	7·4	–	20·6	–

1959	R mm	RX IN 24H mm	D	REEN ≥20·1	REEN ≥21·0	RAIN ≥10	RAIN ≥25	MAX >35	MAX >30	TEMP <17·5	TEMP <10	MIN <−2·5	MIN <0·0	TEMP <5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	37·2	18·0	11	6	5	1	0	2	13	2	0	0	0	0	0
FEB	43·9	28·0	12	6	3	1	1	4	13	0	0	0	0	0	0
MAR	27·1	11·6	4	4	4	2	0	4	9	2	0	0	0	0	1
APR	62·6	21·5	29	10	9	1	0	0	6	8	0	0	0	6	0
MAY	47·1	14·0	14	10	8	2	0	0	0	12	1	0	0	8	0
JUN	5·5	3·5	2	3	2	0	0	0	0	7	0	0	2	22	0
JUL	43·7	16·5	13	9	8	1	0	0	0	13	0	0	0	25	0
AUG	44·6	13·0	30	6	5	3	0	0	0	10	0	0	2	23	0
SEP	19·0	5·0	12	6	5	0	0	1	5	5	1	0	0	13	0
OCT	72·0	19·0	30	10	9	3	0	0	3	10	1	0	0	5	0
NOV	9·3	6·6	17	4	2	0	0	0	7	1	0	0	0	2	0
DEC	19·9	7·0	16	8	6	0	0	1	13	0	0	0	0	0	0
J/Y	431·9	28·0	–	82	66	14	1	12	69	70	3	0	4	104	1

54/253 LAKE MENTZ IRR

Ø 33°13'S λ 25°00'E H 303M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	20·5	16·3	63	3·8	30·8	16·7	23·7	–	40·0	31	10·0	15	20·2	13	22·0	24
FEB	21·7	18·1	69	3·6	31·5	18·1	24·8	–	38·0	23	13·4	22	25·5	15	22·0	12
MAR	19·4	17·1	79	3·6	29·9	16·2	23·1	–	39·0	23	9·0	19	19·2	17	20·8	1
APR	17·1	14·5	74	4·8	25·1	13·1	19·1	–	33·2	15	7·0	9	14·4	29	19·8	1
MAY	9·5	–	–	4·0	20·9	7·0	13·9	–	25·8	20	2·0	30	14·0	15	–	–
JUN	(4·7)	–	–	(1·5)	21·5	2·0	11·7	–	28·0	20	−2·4	27	–	–	–	–
JUL	7·3	–	–	3·7	20·0	4·3	12·1	–	25·8	7	0·6	1	13·0	17	10·0	4
AUG	7·9	–	–	1·6	22·8	5·0	13·9	–	32·5	28	0·2	8	13·2	7	12·2	15
SEP	13·0	11·1	78	2·9	25·9	8·5	17·2	–	38·0	29	2·0	14	13·5	12	16·0	30
OCT	16·6	13·9	72	4·5	26·1	12·6	19·3	–	40·2	26	4·8	7	16·4	8	18·2	25
NOV	19·7	16·1	67	4·1	28·7	15·1	21·9	–	37·5	25	6·6	1	21·0	2	20·8	24
DEC	21·5	17·2	63	3·6	29·4	16·6	23·0	–	37·5	8	10·6	6	20·2	3	21·0	21
J/Y	(14·9)	–	–	(3·5)	26·1	11·3	18·6	–	40·2	–	−2·4	–	–	–	22·0	–

1959	R mm	RX IN 24H mm	D	REEN ≥20·1	REEN ≥21·0	RAIN ≥10	RAIN ≥25	MAX >35	MAX >30	TEMP <17·5	TEMP <10	MIN <−2·5	MIN <0·0	TEMP <5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	62·0	41·5	24	5	4	2	1	–	–	0	0	0	0	0	–
FEB	7·0	7·0	12	1	1	0	0	4	16	0	0	0	0	0	7
MAR	58·8	20·2	31	8	7	3	0	5	14	0	0	0	0	0	2
APR	67·7	17·5	29	10	7	3	0	0	4	2	0	0	0	0	0
MAY	9·9	3·0	14	6	5	0	0	0	0	–	0	0	0	7	0
JUN	0·0	0·0	–	0	0	0	0	0	0	–	–	0	–	–	
JUL	35·9	27·6	17	7	4	1	1	0	0	–	–	0	0	–	0
AUG	19·9	11·0	30	5	3	1	0	0	4	4	0	0	0	–	0
SEP	0·6	0·6	12	1	0	0	0	3	7	3	0	0	0	6	0
OCT	21·0	11·5	8	4	4	1	0	3	5	3	0	0	0	2	0
NOV	15·6	9·0	17	3	2	0	0	3	11	0	0	0	0	0	1
DEC	13·5	13·5	3	1	1	1	0	3	12	0	0	0	0	0	1
J/Y	311·9	41·5	–	51	38	12	2	–	–	–	–	0	–	–	–

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROËBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

57/ 48 GRAHAMSTOWN VET

φ 33°18'S λ 26°32'E H 539M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	18·6	15·0	67	4·1	25·0	13·4	19·2	-	35·5	1	7·0	15	-	-	-	-
FEB	19·4	16·7	75	4·7	26·8	14·1	20·5	-	33·9	1	7·0	21	-	-	-	-
MAR	(17·6)	(15·7)	(82)	(4·0)	24·8	(13·4)	(19·1)	-	35·3	23	7·9	20	-	-	-	-
APR	14·9	13·5	85	4·7	23·3	10·9	17·1	-	35·0	17	3·5	9	-	-	18·9	18
MAY	11·5	9·5	77	3·0	(19·1)	7·2	(13·1)	-	25·3	20	3·9	28	10·3	15	-	-
JUN	8·8	7·3	81	1·4	20·4	6·6	13·5	-	25·5	23	2·4	2	-	-	-	-
JUL	10·5	8·3	74	2·5	20·1	6·5	13·3	-	25·5	6	2·5	6	-	-	-	-
AUG	11·1	8·4	69	2·1	21·0	6·1	13·5	-	28·5	13	1·5	8	11·9	7	14·4	15
SEP	13·4	10·5	69	3·4	22·6	7·4	15·0	-	34·1	29	2·1	2	-	-	-	-
OCT	14·6	12·7	80	5·1	22·2	10·6	16·4	-	37·3	26	3·0	7	11·0	5	14·9	17
NOV	17·9	14·6	69	3·9	23·8	11·9	17·9	-	34·0	17	6·2	1	15·5	2	-	-
DEC	(18·9)	(15·1)	(66)	(3·3)	(24·5)	(12·9)	(18·7)	-	31·2	12	7·1	7	-	-	18·0	8
J/Y	(14·8)	(12·3)	(75)	(3·5)	(22·8)	(10·1)	(16·5)	-	37·3	-	1·5	-	-	-	-	-

1959	NEERSLAG / PRECIP R MM	Rx IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	84·0	-	-	14	-	-	-	-	-	-	-	0	0	0	-
FEB	26·6	11·0	12	9	6	1	0	0	-	-	-	0	0	0	-
MAR	86·2	20·6	17	13	-	-	0	-	-	-	-	0	0	0	-
APR	73·3	21·4	21	11	9	1	0	0	-	-	-	0	0	-	-
MAY	24·1	-	-	8	-	0	0	0	0	-	-	0	0	-	-
JUN	12·9	-	-	-	-	-	-	0	0	-	-	0	0	-	-
JUL	92·7	47·0	17	6	5	3	2	0	0	-	-	0	0	-	-
AUG	32·0	-	-	5	-	-	0	0	0	-	-	0	0	-	-
SEP	28·6	-	-	7	-	-	0	0	-	-	-	0	0	-	-
OCT	44·6	17·0	5	12	9	1	0	-	-	-	-	0	0	-	-
NOV	17·1	5·0	13	11	5	0	0	0	-	-	-	0	0	0	-
DEC	40·3	11·5	3	10	6	2	0	0	-	-	-	0	0	0	-
J/Y	562·4	-	-	-	-	-	-	-	-	-	-	0	0	-	-

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROËBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

78/227A FORT BEAUFORT AGR

φ 32°47'S λ 26°38'E H 456M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	19·8	17·0	74	4·0	28·4	14·9	21·7	-	38·3	27	7·8	15	18·0	13	21·0	28
FEB	21·6	19·1	78	3·8	30·8	16·3	23·5	-	36·6	23	9·0	21	22·5	15	21·4	28
MAR	19·7	16·9	74	3·5	28·9	15·2	22·1	-	38·2	23	9·1	20	19·8	18	21·2	16
APR	16·7	14·0	72	4·4	26·2	12·4	19·3	-	37·1	17	5·8	10	14·3	22	19·6	11
MAY	13·5	10·4	68	2·7	21·5	7·7	14·5	-	27·8	20	2·6	29	11·3	15	13·2	21
JUN	10·9	7·8	62	1·5	23·0	-	-	-	28·5	13	-	-	15·3	3	-	-
JUL	11·7	9·4	72	2·5	21·8	6·5	14·1	-	27·7	12	0·5	16	10·7	17	18·4	28
AUG	12·3	9·4	67	2·0	22·6	6·7	14·7	-	31·8	28	0·0	8	13·5	7	18·0	13
SEP	14·7	11·9	70	2·6	25·2	7·9	16·5	-	37·2	30	1·4	2	13·5	13	15·0	19
OCT	16·3	13·6	72	4·1	25·3	11·4	18·3	-	40·6	26	3·0	7	15·0	31	16·3	26
NOV	19·1	16·1	72	3·9	27·8	12·8	20·3	-	38·2	23	4·8	3	17·7	8	17·8	14
DEC	20·6	17·0	68	3·9	29·1	14·6	21·9	-	37·8	21	9·0	6	19·0	10	20·0	21
J/Y	16·4	13·5	71	3·2	25·9	-	-	-	40·6	-	-	-	10·7	-	21·4	-

1959	NEERSLAG / PRECIP R MM	Rx IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	85·9	28·4	11	11	9	4	1	4	13	0	0	0	0	0	1
FEB	21·5	14·5	12	8	5	1	0	4	17	0	0	0	0	0	3
MAR	65·2	31·5	17	10	6	1	1	6	15	0	0	0	0	0	1
APR	83·3	30·0	21	10	10	3	1	4	11	5	0	0	0	0	0
MAY	49·0	32·3	16	8	5	1	1	0	0	4	0	0	0	5	0
JUN	0·0	0·0	-	0	0	0	0	0	0	3	0	-	-	-	-
JUL	70·8	39·0	17	5	4	2	1	0	0	2	0	0	0	11	0
AUG	46·2	23·7	30	6	4	2	0	0	3	5	0	0	0	14	0
SEP	24·1	22·4	12	5	2	1	0	4	7	4	0	0	0	7	0
OCT	27·9	7·5	21	11	6	0	0	3	5	4	0	0	0	1	0
NOV	58·2	21·4	13	9	7	3	0	4	8	0	0	0	0	1	0
DEC	33·7	11·5	3	11	6	1	0	4	14	0	0	0	0	0	0
J/Y	569·8	39·0	-	94	64	19	5	33	93	27	0	-	-	-	-

79/523 EVELYN VALLEY BDS

φ 32°43'S λ 27°18'E H 1070M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	15·3	-	-	4·5	21·0	10·8	15·9	-	31·0	27	4·4	15	8·5	15	17·9	24
FEB	16·7	-	-	5·1	22·4	12·4	17·4	-	28·7	5	6·3	21	14·5	16	17·7	24
MAR	16·4	-	-	4·3	21·8	11·7	16·7	-	28·7	16	5·2	18	-	-	-	-
APR	14·5	-	-	3·6	19·6	9·8	14·7	-	28·2	2	3·0	9	10·7	21	16·0	18
MAY	10·0	-	-	3·3	15·8	6·7	11·3	-	22·5	30	3·5	16	8·5	16	12·1	21
JUN	10·6	-	-	2·2	17·1	6·8	11·9	-	21·8	13	2·4	9	8·4	3	11·0	15
JUL	9·5	-	-	2·4	15·6	6·6	11·1	-	21·4	30	2·5	5	6·2	18	11·8	3
AUG	11·1	-	-	2·3	16·7	6·7	11·7	-	25·8	29	0·4	8	5·0	31	15·8	14
SEP	12·6	-	-	2·9	18·9	7·1	13·0	-	30·2	30	0·6	10	6·6	13	19·5	30
OCT	12·9	-	-	4·5	18·8	7·9	13·3	-	31·2	26	0·6	5	-	-	15·6	22
NOV	14·5	-	-	3·8	20·2	9·1	14·7	-	28·6	23	4·0	2	-	-	-	-
DEC	15·9	-	-	4·0	21·7	10·8	16·3	-	30·0	21	7·0	19	-	-	21·2	21
J/Y	13·3	-	-	3·6	19·1	8·9	14·0	-	31·2	-	0·4	-	-	-	-	-

1959	NEERSLAG / PRECIP R MM	Rx IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	205·3	48·3	24	-	18	6	3	0	1	-	-	0	0	1	0
FEB	100·5	22·2	28	-	13	4	0	0	0	2	0	0	0	0	0
MAR	209·0	78·3	17	-	16	6	1	0	0	-	0	0	0	0	0
APR	132·0	55·5	21	-	8	4	1	0	0	9	0	0	0	1	0
MAY	259·8	103·3	17	-	9	4	3	0	0	22	2	0	0	5	0
JUN	2·1	1·2	9	-	1	0	0	0	0	11	2	0	0	10	0
JUL	226·7	108·3	18	-	7	4	2	0	0	19	4	0	0	8	0
AUG	74·5	33·5	31	-	4	2	2	0	0	17	5	0	0	12	0
SEP	85·0	60·6	13	-	7	1	1	0	1	12	4	0	0	9	0
OCT	135·5	38·8	9	-	14	5	1	0	1	-	-	0	0	6	0
NOV	148·9	35·5	14	-	14	5	2	0	0	-	-	0	0	-	0
DEC	125·7	31·5	21	-	13	4	1	0	0	-	0	0	0	0	1
J/Y	1703·0	108·3	-	-	124	45	17	0	3	-	-	0	0	-	1

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
ØPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

79/898 FORT MURRAY LAINGDAM

Ø 32°58'S λ 27°30'E H 320M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	DB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	19·1	-	-	3·8	23·7	16·3	20·0	-	37·2	27	11·1	15	16·1	13	21·1	28
FEB	19·4	-	-	3·6	25·3	17·2	21·3	-	31·1	19	12·2	21	21·1	15	20·0	28
MAR	17·9	-	-	3·2	25·2	15·8	20·5	-	36·7	24	12·2	18	19·5	5	20·0	4
APR	15·8	-	-	2·4	23·1	13·8	18·5	-	30·0	2	7·8	9	14·4	22	20·0	2
MAY	11·6	-	-	2·2	20·1	9·7	14·9	-	27·2	6	6·7	28	13·5	15	12·8	19
JUN	9·8	-	-	1·5	21·4	7·9	14·7	-	26·7	29	3·9	25	14·4	3	11·9	24
JUL	10·0	-	-	2·5	20·5	8·4	14·5	-	27·8	7	5·0	16	12·8	18	11·7	8
AUG	10·9	-	-	1·6	20·8	9·0	14·9	-	30·6	14	4·4	8	11·6	31	14·4	15
SEP	15·1	-	-	2·2	21·8	10·5	16·1	-	34·4	30	6·1	14	13·3	13	15·0	18
OCT	15·2	-	-	3·8	20·7	12·9	16·8	-	31·1	26	6·1	7	14·4	5	17·2	28
NOV	17·8	-	-	2·6	23·1	14·6	18·9	-	31·7	23	8·9	1	16·7	8	18·9	18
DEC	19·6	-	-	2·4	24·8	16·1	20·5	-	34·4	21	12·2	6	17·2	2	21·1	21
J/Y	15·0	-	-	2·7	22·5	12·7	17·6	-	37·2	-	3·9	-	11·6	-	21·1	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	79·9	20·8	28	-	10	3	0	1	2	1	0	0	0	0	1
FEB	38·4	19·7	12	-	6	1	0	0	1	0	0	0	0	0	0
MAR	52·1	31·0	17	-	5	2	1	1	1	0	0	0	0	0	0
APR	87·7	33·0	21	-	8	3	2	0	0	3	0	0	0	0	0
MAY	177·1	72·6	17	-	9	3	2	0	0	5	0	0	0	0	0
JUN	1·5	1·5	9	-	1	0	0	0	0	3	0	0	0	2	0
JUL	132·9	78·5	18	-	4	2	2	0	0	6	0	0	0	0	0
AUG	45·7	19·1	30	-	4	3	0	0	1	10	0	0	0	1	0
SEP	28·2	28·2	12	-	1	1	1	0	2	7	0	0	0	0	0
OCT	25·5	8·4	7	-	6	0	0	0	1	8	0	0	0	0	0
NOV	21·1	8·6	17	-	4	0	0	0	2	3	0	0	0	0	0
DEC	59·2	21·1	22	-	8	2	0	0	3	1	0	0	0	0	1
J/Y	749·3	78·5	-	-	66	20	8	2	13	47	0	0	0	3	2

80/750 EAST LONDON SOUTHERNWOOD

Ø 33°00'S λ 27°55'E H 100M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	DB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	20·7	17·3	70	5·0	24·3	17·1	20·7	-	35·6	27	11·9	14	19·7	13	20·8	28
FEB	21·3	18·6	76	4·7	25·4	18·5	21·9	-	28·3	19	13·6	21	22·0	16	21·1	28
MAR	19·9	17·8	80	4·6	24·6	17·6	21·1	-	31·7	16	12·8	18	19·5	10	21·1	1
APR	17·7	15·1	74	4·2	23·4	15·2	19·3	-	31·8	11	9·7	9	15·1	22	19·4	20
MAY	15·1	11·6	63	3·4	22·6	12·2	17·4	-	31·1	6	9·6	29	15·4	15	17·8	21
JUN	13·4	9·6	58'	2·2	23·3	10·7	17·0	-	30·9	23	6·2	21	16·2	9	17·3	21
JUL	13·8	11·2	71	3·1	21·7	11·7	16·7	-	30·0	27	8·7	5	15·3	8	14·7	3
AUG	13·9	-	-	2·7	21·7	11·3	16·5	-	33·3	12	5·6	8	15·0	7	17·2	14
SEP	15·9	-	-	3·6	21·6	12·3	16·9	-	33·3	30	6·7	14	15·6	13	17·5	30
OCT	16·9	14·4	75	5·1	21·1	14·0	17·5	-	26·3	26	9·4	7	16·9	6	17·8	26
NOV	19·9	16·4	68	4·5	23·1	15·7	19·4	-	27·3	23	10·6	2	18·3	2	19·2	14
DEC	21·2	17·3	66	4·5	24·6	17·1	20·9	-	30·5	21	15·0	18	18·5	10	21·1	21
J/Y	17·5	-	-	4·0	23·1	14·5	18·8	-	35·6	-	5·6	-	15·0	-	21·1	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	66·4	16·8	28	16	12	2	0	1	1	0	0	0	0	0	5
FEB	24·7	13·1	12	8	6	1	0	0	0	0	0	0	0	0	3
MAR	43·9	15·7	17	12	8	1	0	0	1	0	0	0	0	0	4
APR	99·8	53·6	21	12	6	2	1	0	2	2	0	0	0	0	0
MAY	146·3	73·7	15	7	5	3	2	0	1	2	0	0	0	0	0
JUN	5·1	5·1	8	1	1	0	0	0	3	2	0	0	0	0	0
JUL	194·6	115·6	18	6	4	3	3	0	0	4	0	0	0	0	0
AUG	32·3	10·7	31	5	5	2	0	0	2	3	0	0	0	0	0
SEP	69·3	60·7	12	8	4	1	1	0	2	4	0	0	0	0	0
OCT	82·5	26·4	8	11	7	2	2	0	0	2	0	0	0	0	0
NOV	35·7	8·1	13	13	8	0	0	0	0	0	0	0	0	0	0
DEC	100·5	41·9	18	13	11	2	1	0	2	0	0	0	0	0	1
J/Y	901·1	115·6	-	112	77	19	10	1	14	19	0	0	0	0	13

104/734 BASHEE VUURT/LIGHTHOUSE

Ø 32°14'S λ 28°55'E H 37M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	DB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	21·1	19·3	84	5·4	24·3	18·1	21·2	-0·5	30·3	27	14·0	14	19·8	13	23·2	28
FEB	21·8	20·0	84	4·8	25·1	19·1	22·1	0·0	28·6	28	15·7	3	21·6	15	22·2	28
MAR	20·5	18·8	84	4·4	24·6	18·0	21·3	0·0	30·4	3	13·7	20	19·6	18	23·0	2
APR	18·7	16·5	79	4·7	23·5	16·4	19·9	-0·1	29·7	11	12·0	9	16·2	22	20·1	2
MAY	16·2	12·9	66	3·1	22·5	14·0	18·3	-0·2	26·8	8	11·0	9	16·3	15	17·5	1
JUN	14·7	11·3	63	2·4	22·6	12·4	17·5	0·6	30·4	21	8·4	5	18·4	3	17·3	21
JUL	15·1	12·3	70	2·8	21·1	13·0	17·1	0·8	30·8	7	10·5	5	15·0	18	15·6	1
AUG	15·6	11·7	60	2·4	21·5	12·6	17·1	0·4	30·4	12	8·7	8	15·6	7	18·2	13
SEP	16·2	13·6	73	3·0	20·7	13·0	16·9	-0·4	24·2	18	8·4	14	14·8	1	17·4	19
OCT	17·9	15·8	79	5·5	20·9	15·2	18·1	-0·3	24·4	28	8·8	5	16·4	19	19·8	15
NOV	19·8	17·3	77	4·8	22·5	16·2	19·3	-0·4	24·9	13	10·6	3	17·6	2	20·2	18
DEC	21·5	18·5	73	4·5	24·3	18·0	21·1	0·4	27·2	21	15·5	3	19·6	17	23·0	16
J/Y	18·3	15·7	74	4·0	22·8	15·5	19·1	0·0	30·8	-	8·4	-	14·8	-	23·2	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	66·8	17·0	2	19	13	2	0	0	1	0	0	0	0	0	7
FEB	80·4	18·0	15	16	11	3	0	0	0	0	0	0	0	0	7
MAR	57·1	20·7	17	17	10	2	0	0	1	0	0	0	0	0	4
APR	95·6	37·0	21	10	8	2	2	0	0	1	0	0	0	0	2
MAY	187·5	173·0	16	7	4	1	1	0	0	1	0	0	0	0	0
JUN	0·0	0·0	-	0	0	0	0	0	2	0	0	0	0	0	0
JUL	152·7	78·0	18	7	5	4	2	0	1	3	0	0	0	0	0
AUG	88·9	51·0	31	7	5	3	1	0	1	2	0	0	0	0	0
SEP	65·8	32·5	12	8	7	2	1	0	0	3	0	0	0	0	0
OCT	107·2	41·6	19	18	13	2	2	0	0	2	0	0	0	0	0
NOV	67·9	21·7	18	14	12	1	0	0	0	0	0	0	0	0	1
DEC	91·3	21·4	1	15	14	2	0	0	0	0	0	0	0	0	6
J/Y	1061·2	173·0	-	138	102	24	9	0	6	12	0	0	0	0	27

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROËBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE WAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM (TX + TN) / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

123/683 QUEENSTOWN PARK

ø 31°53'S λ 26°53'E H 1077M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEB	-	-	-	-	29·6	14·9	22·3	0·4	36·5	5	10·8	9	17·2	16	18·5	7
MAR	-	-	-	-	27·9	12·6	20·3	-0·2	34·5	28	5·0	19	18·0	18	17·6	2
APR	-	-	-	-	25·2	9·5	17·3	0·2	33·0	15	1·5	9	10·6	22	16·0	1
MAY	-	-	-	-	17·9	6·7	12·3	-1·4	23·8	30	1·5	5	7·6	15	12·8	7
JUN	-	-	-	-	19·8	2·3	11·1	0·4	22·6	22	-4·0	25	11·5	3	12·5	21
JUL	-	-	-	-	18·4	4·4	11·4	1·1	23·0	29	-1·7	16	8·5	18	14·0	7
AUG	-	-	-	-	20·3	3·6	11·9	-0·7	28·4	29	-1·6	19	9·0	7	18·8	29
SEP	-	-	-	-	24·6	5·4	15·0	-0·3	33·2	29	-1·5	3	10·5	13	16·1	21
OCT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NOV	-	-	-	-	26·6	11·2	18·9	-0·2	35·8	23	4·9	2	12·8	8	15·0	18
DEC	-	-	-	-	27·2	13·3	20·3	-1·0	34·2	15	8·6	29	17·0	2	17·9	8
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
				AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	62·7	15·5	27	-	13	2	0	-	-	-	-	-	-	-	-
FEB	67·3	33·5	12	-	6	2	1	2	-	1	0	0	0	0	0
MAR	46·3	21·2	17	-	7	1	0	0	-	0	0	0	0	0	0
APR	70·7	27·2	21	-	7	2	1	0	6	4	0	0	0	3	0
MAY	48·9	19·5	15	-	8	2	0	0	0	13	2	0	0	10	0
JUN	0·5	0·5	7	-	0	0	0	0	0	5	0	1	10	24	0
JUL	35·7	17·2	17	-	3	1	0	0	0	10	1	0	2	19	0
AUG	9·0	4·5	2	-	2	0	0	0	0	10	1	0	5	22	0
SEP	22·2	21·0	12	-	2	1	0	0	5	4	0	0	3	12	0
OCT	13·4	7·0	8	-	-	-	-	-	-	-	-	-	-	-	-
NOV	36·8	14·0	17	-	7	1	0	1	9	2	0	0	0	1	0
DEC	88·4	28·2	3	-	7	4	2	0	7	1	0	0	0	0	0
J/Y	501·9	33·5	-	-	-	-	-	-	-	-	-	-	-	-	-

TXX HOOGSTE WAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE WAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX WAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROËBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

182/379 PADDOCK

ø 30°49'S λ 30°13'E H 514M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	19·5	-	-	5·3	23·7	16·8	20·3	-	33·9	27	9·5	14	18·4	5	21·1	28
FEB	(19·5)	-	-	-	24·6	16·9	20·7	-	35·0	5	11·6	21	17·9	20	-	-
MAR	(19·0)	-	-	(4·6)	25·5	16·2	20·9	-	35·0	28	10·9	19	17·0	18	20·0	4
APR	(18·0)	-	-	(3·0)	24·2	15·0	19·6	-	31·4	11	11·4	9	14·5	22	18·8	7
MAY	15·6	-	-	2·0	21·5	11·7	16·6	-	29·0	30	9·5	1	-	-	-	-
JUN	(14·6)	-	-	(1·8)	21·3	11·1	16·2	-	25·5	20	6·6	25	15·9	9	14·2	21
JUL	-	-	-	-	(21·0)	(11·2)	(16·1)	-	26·7	12	7·2	18	-	-	-	-
AUG	-	-	-	-	(22·3)	(11·1)	(16·7)	-	31·6	29	7·0	18	-	-	-	-
SEP	(15·7)	-	-	(3·1)	(21·6)	(10·4)	(16·0)	-	35·0	30	2·8	12	-	-	-	-
OCT	(16·3)	-	-	(4·3)	(21·6)	(12·4)	(17·0)	-	30·0	1	4·9	6	-	-	-	-
NOV	-	-	-	-	(23·1)	(14·0)	(18·5)	-	31·1	5	9·5	-	-	-	-	-
DEC	(18·5)	-	-	(6·2)	23·0	15·4	19·2	-	33·6	16	11·9	3	-	-	-	-
J/Y	-	-	-	-	(22·8)	(13·5)	(18·1)	-	35·0	-	2·8	-	-	-	-	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
				AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	91·4	20·3	22	15	11	4	0	0	2	0	0	0	0	0	1
FEB	134·9	68·4	15	11	9	4	1	0	-	0	0	0	0	0	0
MAR	55·9	19·0	17	13	11	1	0	0	3	1	0	0	0	0	0
APR	71·8	35·0	21	11	8	2	1	0	1	-	0	0	0	0	0
MAY	544·2	-	-	7	-	-	-	0	0	-	-	-	-	-	-
JUN	0·0	0·0	-	0	0	0	0	0	0	2	0	0	0	0	0
JUL	30·2	17·0	8	6	5	1	0	0	0	-	-	0	0	0	-
AUG	60·9	46·5	31	5	4	1	1	0	-	-	0	0	0	0	-
SEP	40·3	21·0	12	-	-	-	-	0	-	-	0	-	-	-	0
OCT	93·3	20·0	19	14	11	4	0	0	0	-	-	0	0	-	-
NOV	96·0	-	-	18	-	-	-	0	-	-	-	0	0	0	-
DEC	131·1	41·4	17	22	17	3	1	0	-	0	0	0	0	0	0
J/Y	1350·0	-	-	-	-	-	-	0	-	-	-	-	-	-	-

203/ 43 SMITHFIELD

ø 30°13'S λ 26°32'E H 1400M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	-	-	-	2·2	28·6	9·9	19·3	-	34·0	19	2·5	14	18·0	13	18·5	20
FEB	-	-	-	1·9	28·4	11·9	20·1	-	32·5	26	4·9	21	21·4	15	16·5	7
MAR	-	-	-	-	27·4	10·4	18·9	-	32·0	28	2·1	20	16·6	18	16·1	1
APR	-	-	-	2·3	23·9	6·6	15·3	-	29·0	16	-4·8	10	7·6	30	15·0	21
MAY	-	-	-	2·6	16·4	2·7	9·5	-	23·5	10	-4·5	15	8·3	16	11·9	11
JUN	-	-	-	0·9	17·5	-3·6	6·9	-	21·6	2	-8·5	4	9·1	9	9·0	7
JUL	-	-	-	1·8	16·0	0·4	8·2	-	20·0	12	-4·5	26	9·0	13	7·0	8
AUG	-	-	-	0·7	18·5	-1·4	8·5	-	25·0	29	-5·7	8	9·4	16	8·2	29
SEP	-	-	-	1·0	23·9	3·9	13·9	-	31·5	29	-7·5	2	13·2	13	17·0	30
OCT	-	-	-	2·1	25·6	8·2	16·9	-	35·0	16	-4·6	5	13·9	5	18·0	30
NOV	-	-	-	2·0	28·5	11·2	19·9	-	36·0	27	2·6	3	19·1	8	19·7	27
DEC	-	-	-	2·2	27·5	12·6	20·1	-	33·7	15	7·5	19	21·0	4	20·2	16
J/Y	-	-	-	-	23·5	6·1	14·8	-	36·0	-	-8·5	-	7·6	-	20·2	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
				AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	67·1	26·5	27	7	6	3	1	0	-	0	0	0	0	-	0
FEB	68·3	29·0	12	9	8	1	1	0	11	0	0	0	0	1	0
MAR	72·1	22·5	17	11	8	3	0	0	9	1	0	0	0	3	0
APR	42·2	12·4	29	8	7	3	0	0	0	4	1	1	2	12	0
MAY	26·7	18·5	12	5	4	1	0	0	0	18	2	3	7	24	0
JUN	0·0	0·0	-	0	0	0	0	0	0	9	1	21	26	29	0
JUL	41·0	16·5	8	5	4	2	0	0	0	15	3	6	15	28	0
AUG	0·0	0·0	-	0	0	0	0	0	0	10	1	15	23	28	0
SEP	4·0	4·0	12	1	1	0	0	0	2	4	0	7	11	17	0
OCT	15·8	15·0	20	2	1	1	0	0	8	3	0	2	4	9	0
NOV	27·2	15·5	17	7	5	1	0	1	10	0	0	0	0	3	0
DEC	94·1	44·0	3	9	8	4	1	0	5	0	0	0	0	0	1
J/Y	458·5	44·0	-	64	52	19	3	1	-	64	8	55	88	-	1

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

205/385 QUTHING BAS — φ 30°25'S λ 27°43'E H1757M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	16·7	12·2	58	2·7	25·7	12·3	19·0	–	31·1	22	3·9	13	16·7	13	16·7	20
FEB	17·4	13·7	66	2·3	25·9	13·4	19·7	–	30·6	27	9·4	21	17·8	13	16·7	11
MAR	14·8	11·5	65	2·7	24·9	11·5	18·2	–	29·5	29	3·3	18	16·1	17	15·6	2
APR	12·2	8·3	58	2·3	22·2	9·0	15·6	–	27·8	2	0·6	30	7·2	30	12·8	3
MAY	6·6	4·2	68	3·1	15·4	4·0	9·7	–	22·2	10	-0·6	2	6·1	3	9·4	11
JUN	3·5	0·8	60	1·5	15·4	1·2	8·3	–	20·0	2	-1·7	25	9·4	9	8·3	8
JUL	4·6	2·4	68	2·2	14·9	2·2	8·5	–	18·9	12	-1·1	16	8·3	18	5·6	8
AUG	4·9	1·4	51	0·9	17·1	2·0	9·5	–	23·3	29	-2·2	18	8·3	16	6·7	15
SEP	10·5	5·0	39	1·1	22·7	6·1	14·4	–	28·9	28	-2·8	2	11·9	13	15·0	30
OCT	14·4	9·1	48	3·2	23·3	10·1	16·7	–	31·7	16	-2·2	5	12·2	5	–	–
NOV	(16·4)	(11·5)	(55)		–	(25·8)	(11·3)	(18·5)	32·8	27	4·4	2	–	–	–	–
DEC	17·2	13·1	62	1·9	24·4	12·6	18·5	–	31·1	16	8·9	5	17·8	17	16·7	16
J/Y	(11·6)	(7·7)	(58)		–	(21·5)	(8·0)	(14·7)	–	32·8	–	-2·8	–	6·1	–	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
				AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	62·7	22·0	1	–	7	3	0	0	2	1	0	0	0	–	0
FEB	108·4	46·0	5	–	9	3	1	0	2	0	0	0	0	0	0
MAR	72·9	24·0	16	–	7	2	0	0	0	2	0	0	0	1	0
APR	93·5	27·0	29	–	8	4	1	0	0	4	1	0	0	2	0
MAY	51·3	17·6	3	–	8	2	0	0	0	23	2	0	1	19	0
JUN	6·6	5·5	7	–	2	0	0	0	0	–	–	0	5	–	0
JUL	58·2	31·0	13	–	5	3	1	0	0	29	4	0	2	29	0
AUG	0·0	0·0	–	–	0	0	0	0	0	18	1	0	4	27	0
SEP	0·0	0·0	–	–	0	0	0	0	0	–	0	1	4	–	0
OCT	57·9	28·0	20	–	6	2	1	0	2	5	0	0	–	–	–
NOV	32·5	10·5	6	–	5	2	0	0	–	0	0	0	0	–	–
DEC	173·4	42·0	3	–	9	7	3	0	2	–	0	0	0	0	0
J/Y	717·4	46·0	–	–	66	28	7	0	–	–	–	1	–	–	–

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

207/337 QACHAS NEK BAS — φ 30°07'S λ 28°42'E H1972M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	15·5	12·0	67	–	–	10·3	–	–	27·5	27	1·5	14	–	–	13·5	12
FEB	16·3	13·2	71	2·2	22·9	11·9	17·4	–	28·0	26	5·5	21	12·5	20	17·0	8
MAR	14·3	11·6	74	1·3	22·3	9·8	16·1	–	27·0	30	2·0	19	13·0	18	13·0	17
APR	13·2	10·1	68	1·1	22·0	8·3	15·1	–	29·5	1	1·5	30	9·0	30	13·0	4
MAY	7·9	–	–	0·2	14·9	4·0	9·5	–	21·0	10	-0·5	16	–	–	8·5	11
JUN	(6·1)	–	–	(0·5)	16·1	2·5	9·3	–	20·0	22	-2·5	25	10·5	3	8·0	7
JUL	5·5	–	–	0·6	(14·3)	2·2	(8·3)	–	17·0	12	-1·0	20	–	–	7·5	7
AUG	7·4	–	–	0·0	(16·2)	1·9	(9·1)	–	21·0	–	-3·0	17	–	–	–	–
SEP	11·5	7·1	53	0·0	20·9	5·6	13·3	–	27·5	29	-3·0	1	–	–	16·0	30
OCT	(14·6)	(9·2)	(48)		–	(21·6)	8·6	(15·1)	–	28·0	16	-2·5	6	–	–	–
NOV	14·1	10·5	64	–	20·8	8·6	14·7	–	28·5	27	0·5	2	10·5	2	–	–
DEC	–	–	–	–	–	(9·7)	–	–	27·5	16	7·0	6	–	–	–	–
J/Y	–	–	–	–	–	(6·9)	–	–	29·5	–	-3·0	–	–	–	–	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
				AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	127·2	23·5	6	–	14	6	0	0	0	–	–	0	0	1	0
FEB	105·5	46·0	15	–	10	2	1	0	0	1	0	0	0	0	0
MAR	51·5	16·5	1	–	6	3	0	0	0	2	0	0	0	2	0
APR	74·5	25·5	22	–	7	3	1	0	0	3	1	0	0	2	0
MAY	210·5	90·0	17	–	7	3	2	0	0	–	–	0	1	–	0
JUN	0·0	0·0	–	–	0	0	0	0	0	–	0	0	2	–	0
JUL	25·5	8·5	8	–	4	0	0	0	0	–	–	0	–	–	0
AUG	19·5	9·5	2	–	3	0	0	0	0	–	–	–	–	–	0
SEP	16·0	16·0	12	–	1	1	0	0	0	–	–	1	–	–	0
OCT	47·0	14·0	27	–	7	1	0	0	0	–	–	0	–	–	–
NOV	109·5	17·0	7	–	11	5	0	0	0	–	0	0	0	–	–
DEC	107·5	20·0	11	–	8	5	0	0	0	–	–	0	0	0	–
J/Y	894·2	90·0	–	–	78	29	4	0	0	–	–	–	–	–	–

207/790 AFSONDERING — φ 30°10'S λ 28°57'E H 1615M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	17·6	14·1	68	–	24·6	10·8	17·7	–	31·5	27	4·0	14	13·0	13	16·0	24
FEB	18·7	14·7	65	–	25·5	11·9	18·7	–	31·0	25	6·5	21	13·6	20	15·0	11
MAR	17·8	14·0	66	–	24·9	9·3	17·1	–	31·0	29	2·5	19	12·0	18	14·0	4
APR	15·7	11·6	61	–	24·4	7·3	15·9	–	28·5	18	2·0	10	9·5	22	12·5	4
MAY	11·6	7·9	59	–	17·6	3·5	10·5	–	24·5	10	-2·0	2	8·0	16	10·5	11
JUN	11·3	7·4	57	–	18·9	1·2	10·1	–	24·0	14	-4·0	25	8·0	3	6·5	8
JUL	10·5	7·0	60	–	16·8	1·4	9·1	–	22·0	21	-4·0	20	9·0	18	7·0	7
AUG	11·2	6·9	52	–	18·7	1·8	10·3	–	24·5	29	-4·5	17	7·5	7	8·5	29
SEP	14·7	9·9	53	–	22·3	4·7	13·5	–	28·5	25	-3·0	2	7·5	1	12·5	22
OCT	16·0	11·4	57	–	23·5	7·1	15·3	–	32·0	16	-2·5	6	12·0	5	12·5	23
NOV	15·4	12·6	72	–	23·4	8·4	15·9	–	31·0	27	3·0	4	14·0	19	13·0	18
DEC	17·0	13·8	70	–	23·7	10·5	17·1	–	32·0	16	8·0	18	15·0	2	13·5	14
J/Y	14·8	10·9	62	–	22·0	6·5	14·3	–	32·0	–	-4·5	–	7·5	–	16·0	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
				AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	97·0	15·0	28	13	13	5	0	0	1	2	0	0	0	1	0
FEB	104·3	35·0	15	15	14	4	1	0	1	1	0	0	0	0	0
MAR	77·7	20·0	30	12	11	3	0	0	1	1	0	0	0	2	0
APR	71·0	31·0	21	8	5	3	1	0	0	2	1	0	0	7	0
MAY	217·0	120·0	17	10	8	3	3	0	0	10	3	0	3	21	0
JUN	0·3	0·3	2	1	0	0	0	0	0	4	1	2	8	27	0
JUL	20·2	9·5	8	5	4	0	0	0	0	11	1	2	10	26	0
AUG	24·5	11·0	2	3	3	2	0	0	0	9	1	1	10	25	0
SEP	15·0	13·0	13	2	2	1	0	0	0	3	1	1	4	16	0
OCT	44·6	13·0	27	10	9	1	0	0	2	4	0	0	1	11	0
NOV	116·9	16·0	8	17	15	6	0	0	1	2	0	0	0	4	0
DEC	77·8	17·5	17	12	11	4	0	0	1	1	0	0	0	0	0
J/Y	866·3	120·0	–	108	95	32	5	0	7	50	8	6	36	140	0

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROEBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOC
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM (TX + TN) / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

208/316 NEW AMALFI AGRIC

φ 30°16'S λ 29°11'E H 1475M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	15·6	13·0	74	4·4	24·8	10·9	17·9	-	31·0	27	2·6	14	14·4	13	16·3	12
FEB	16·1	14·5	84	3·4	25·6	11·9	18·7	-	31·0	25	7·0	22	13·5	20	15·5	11
MAR	(13·0)	(11·7)	(86)	(4·7)	25·0	9·5	17·3	-	31·6	29	4·5	19	14·0	18	14·3	8
APR	10·0	8·7	84	3·3	23·9	6·7	15·3	-	28·6	2	0·5	10	10·5	22	11·6	4
MAY	(5·3)	(3·7)	(78)	(2·4)	18·6	2·4	10·5	-	26·0	10	-2·5	2	6·8	16	11·5	11
JUN	1·1	-0·3	78	0·9	19·3	-1·6	8·9	-	24·0	1	-5·0	29	8·5	3	6·2	7
JUL	2·8	1·5	77	2·3	17·5	0·0	8·7	-	21·3	21	-4·0	20	10·4	18	5·5	8
AUG	-	-	-	-	19·1	-0·4	9·3	-	26·2	29	-4·2	18	2·3	31	5·1	26
SEP	-	-	-	-	23·0	3·2	13·1	-	30·3	30	-4·0	2	8·2	13	9·0	30
OCT	-	-	-	(3·7)	23·7	7·5	15·6	-	33·3	16	-2·2	7	11·1	19	13·7	27
NOV	-	-	-	(4·5)	22·9	9·9	16·4	-	32·0	27	4·1	2	10·7	2	13·6	30
DEC	-	-	-	(4·9)	23·9	11·5	17·7	-	31·7	16	7·4	3	15·4	5	15·1	14
J/Y	-	-	-	-	22·3	6·0	14·1	-	33·3	-	-5·0	-	2·3	-	16·3	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
				AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	86·0	17·4	27	14	11	3	0	0	2	2	0	0	0	2	0
FEB	162·9	52·0	12	13	9	5	2	0	2	1	0	0	0	0	0
MAR	79·1	28·2	1	12	8	2	2	0	1	2	0	0	0	1	0
APR	51·0	22·5	21	8	6	2	0	0	0	3	0	0	0	6	0
MAY	172·4	99·6	17	9	5	3	3	0	0	9	3	0	4	26	0
JUN	0·3	0·1	2	3	0	0	0	0	0	5	1	14	24	28	0
JUL	35·8	20·5	8	4	4	1	0	0	0	10	0	4	17	28	0
AUG	20·5	11·6	31	3	3	1	0	0	0	8	2	5	17	30	0
SEP	14·0	14·0	13	1	1	1	0	0	1	7	2	2	6	20	0
OCT	47·1	11·2	10	10	9	1	0	0	6	6	0	0	3	6	0
NOV	90·1	23·5	9	15	12	4	0	0	2	4	0	0	0	1	0
DEC	155·8	55·4	10	13	11	3	2	0	2	3	0	0	0	0	0
J/Y	915·0	99·6	-	105	79	26	9	0	16	60	8	25	71	148	0

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPW GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

211/661 UMBOGINTWINI KYNOCH

φ 30°01'S λ 30°53'E H 68M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	(22·7)	(19·9)	(76)	(5·2)	(26·0)	(18·8)	(22·4)	-	31·4	28	9·1	15	-	-	-	-
FEB	23·4	21·3	82	3·9	26·9	19·8	23·3	-	32·5	5	15·7	22	-	-	-	-
MAR	(21·9)	-	-	(3·7)	(26·7)	(18·7)	(22·7)	-	31·0	3	12·3	13	-	-	-	-
APR	21·3	(19·6)	(84)	3·3	26·0	17·9	21·9	-	31·2	7	14·3	22	-	-	-	-
MAY	17·8	15·5	78	(3·0)	24·0	14·0	19·0	-	27·0	30	11·3	1	-	-	-	-
JUN	15·3	12·6	71	0·8	22·9	12·1	17·5	-	25·2	15	8·3	-	-	-	-	-
JUL	16·0	14·1	80	2·0	22·9	12·8	17·9	-	28·4	7	10·6	23	-	-	-	-
AUG	16·0	12·8	68	2·0	22·7	12·2	17·5	-	30·9	29	10·0	14	15·7	31	16·8	26
SEP	18·0	15·1	72	2·8	22·7	13·8	18·3	-	28·3	30	9·4	1	16·6	10	-	-
OCT	19·9	17·2	75	5·3	23·4	16·5	19·9	-	30·6	29	8·8	5	-	-	-	-
NOV	20·9	18·3	77	5·4	24·0	17·4	20·7	-	27·7	13	12·7	3	-	-	-	-
DEC	(22·2)	(19·4)	(76)	(5·4)	(25·5)	(18·4)	(21·9)	-	30·0	21	15·7	3	-	-	-	-
J/Y	(19·6)	-	-	(5·6)	(24·5)	(16·0)	(20·3)	-	32·5	-	8·3	-	-	-	-	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
				AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	123·0	51·2	1	14	10	3	1	0	-	0	0	0	0	0	-
FEB	52·6	27·0	15	10	6	2	1	0	-	0	0	0	0	0	-
MAR	27·2	9·4	11	11	9	0	0	0	-	0	0	0	0	0	-
APR	26·5	7·1	22	8	4	0	0	0	-	0	0	0	0	0	-
MAY	156·2	102·9	17	6	6	3	1	0	0	-	0	0	0	0	0
JUN	0·5	0·5	8	1	0	0	0	0	-	-	0	0	0	0	-
JUL	97·3	86·6	8	4	3	1	1	0	0	-	0	0	0	0	0
AUG	82·0	67·6	31	6	4	1	1	0	-	-	0	0	0	0	0
SEP	31·0	22·0	12	2	2	1	0	0	0	-	0	0	0	0	-
OCT	90·6	41·0	19	10	8	4	1	0	-	-	-	0	0	0	-
NOV	98·1	29·0	29	11	9	3	2	0	0	-	0	0	0	0	-
DEC	62·0	29·0	17	13	7	2	1	0	0	-	-	0	0	0	-
J/Y	847·0	102·9	-	96	68	20	9	0	-	-	-	0	0	0	-

225/679 KAREEKLOOF

φ 29°49'S λ 23°23'E H 1036M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	21·5	14·8	46	1·5	32·6	16·8	24·7	-	38·3	19	8·4	13	22·3	13	23·6	23
FEB	21·9	15·8	51	2·1	33·0	17·7	25·3	-	38·2	4	12·2	21	24·1	15	23·5	5
MAR	19·6	13·5	48	1·9	31·3	15·5	23·4	-	36·0	30	6·5	18	19·9	18	20·7	31
APR	15·1	10·1	50	3·0	26·5	11·7	19·1	-	33·4	14	3·5	30	10·0	30	20·3	2
MAY	7·4	5·6	76	2·2	17·9	5·2	11·5	-	24·0	20	1·5	17	10·0	15	8·8	20
JUN	5·9	3·2	62	1·2	19·7	4·0	11·9	-	22·8	23	-1·5	25	12·3	9	11·7	7
JUL	6·5	4·1	67	1·6	18·8	4·6	11·7	-	23·9	29	-0·2	26	10·0	4	10·0	7
AUG	7·6	3·4	45	0·8	21·0	4·7	12·9	-	28·3	28	-1·5	8	11·7	16	11·6	14
SEP	13·4	6·5	30	0·7	26·8	8·0	17·4	-	34·5	29	-0·4	1	17·7	13	15·4	30
OCT	17·2	10·3	39	2·0	27·6	12·2	19·9	-	36·8	26	1·2	5	14·0	4	19·3	28
NOV	21·6	14·0	40	1·1	32·2	16·2	24·2	-	36·8	22	6·2	1	20·3	1	20·8	23
DEC	22·0	15·1	45	1·3	31·7	17·3	24·5	-	37·5	31	10·1	4	22·0	4	21·2	16
J/Y	15·0	9·7	50	1·6	26·6	11·2	18·9	-	38·3	-	-1·5	-	10·0	-	23·6	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
				AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	29·8	15·3	27	4	4	1	0	7	25	0	0	0	0	0	3
FEB	55·5	30·5	12	5	5	2	1	12	21	0	0	0	0	0	8
MAR	26·5	11·0	2	4	4	1	0	3	25	0	0	0	0	0	1
APR	13·2	9·0	28	3	2	0	0	0	7	3	0	0	0	3	1
MAY	47·3	20·0	12	4	4	2	0	0	0	11	0	0	0	14	0
JUN	0·0	0·0	-	0	0	0	0	0	0	6	0	0	2	18	0
JUL	19·0	10·5	4	3	3	1	0	0	0	9	0	0	1	16	0
AUG	0·0	0·0	-	0	0	0	0	0	0	11	0	0	4	15	0
SEP	0·0	0·0	-	0	0	0	0	0	-	0	0	0	1	9	0
OCT	26·5	17·5	20	2	2	1	0	4	12	1	0	0	0	3	0
NOV	10·0	9·0	17	2	2	0	0	7	23	0	0	0	0	0	2
DEC	79·4	50·2	3	4	4	3	1	6	22	0	0	0	0	0	5
J/Y	307·2	50·2	-	31	30	11	2	39	-	41	0	0	8	78	20

KLIMAATTABELLE / CLIMATOLOGICAL TABLES
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

238/616 LONG ELMSEL ø 29°46'S λ 29°51'E H1250M HT 1·2M HR 1·2M

1959	OB T °C	OB T' °C	OB U %	OB N 0-8	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	19·1	16·2	74	5·0	26·1	13·6	19·9	-	34·6	27	5·4	14	-	-	-	-
FEB	(18·7)	(16·7)	(82)	(5·9)	(26·3)	(14·5)	(20·4)	-	35·2	5	11·5	21	-	-	-	-
MAR	17·7	15·5	79	3·2	26·2	13·0	19·6	-	35·3	29	9·0	19	18·8	10	17·6	30
APR	15·5	13·3	78	3·3	26·4	10·9	18·7	-	32·4	3	7·0	10	12·4	22	15·0	4
MAY	10·3	8·2	75	2·3	21·0	5·5	13·3	-	27·8	10	1·5	23	10·0	16	11·6	11
JUN	7·0	4·7	70	0·9	20·7	3·3	12·0	-	26·2	2	-0·8	11	10·0	3	9·3	8
JUL	8·4	6·1	72	2·7	20·3	4·8	12·5	-	23·8	23	0·8	20	14·2	4	10·2	8
AUG	9·4	7·0	71	1·4	21·0	4·5	12·7	-	29·5	29	0·9	4	7·4	31	9·9	30
SEP	(14·6)	(10·5)	(59)	(1·5)	(25·5)	(7·0)	(16·3)	-	34·2	30	0·2	2	-	-	-	-
OCT	17·2	13·7	67	4·3	24·8	10·7	17·7	-	35·4	17	0·6	5	14·3	23	17·2	28
NOV	16·6	14·3	78	6·2	23·8	12·6	18·2	-	33·0	5	6·9	2	13·5	2	17·2	24
DEC	18·0	15·8	80	4·6	25·1	12·7	18·9	-	35·0	16	10·0	3	-	-	-	-
J/Y	(14·4)	(11·8)	(74)	(3·4)	(23·9)	(9·4)	(16·7)	-	35·4	-	-0·8	-	-	-	-	-

1959	NEERSLAG / PRECIP R mm	RX IN 24H mm	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	TEMP <5	>20
JAN	120·0	39·5	10	13	13	2	2	0	-	-	-	0	0	0	-
FEB	215·0	54·5	18	10	10	6	4	-	-	-	-	0	0	0	-
MAR	63·0	14·0	30	13	12	1	0	1	3	0	0	0	0	0	0
APR	39·5	9·0	21	8	8	0	0	0	-	2	0	0	0	0	0
MAY	262·0	155·0	17	7	6	4	3	0	0	5	0	0	0	14	0
JUN	0·5	0·5	24	1	0	0	0	0	0	3	0	0	1	24	0
JUL	12·5	11·0	8	3	2	1	0	0	0	3	0	0	0	17	0
AUG	21·5	13·0	31	4	4	1	0	0	0	-	-	0	0	-	0
SEP	16·0	9·0	13	4	4	0	0	0	-	-	-	0	0	-	-
OCT	51·0	22·0	19	10	10	1	0	1	6	7	0	0	0	4	0
NOV	95·7	28·5	7	16	14	2	1	0	3	4	0	0	0	0	0
DEC	162·5	30·5	24	17	17	6	3	0	-	-	-	0	0	0	-
J/Y	1059·2	155·0	-	106	100	24	13	-	-	-	-	0	1	-	-

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPW GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

238/806 EMERALD DALE ø 29°56'S λ 29°57'E H 1189M HT 1·2M HR 1·2M

1959	OB T °C	OB T' °C	OB U %	OB N 0-8	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	18·2	15·8	78	5·5	24·8	12·8	18·8	-0·7	32·4	4	5·0	14	16·0	12	18·5	1
FEB	18·5	16·9	76	5·2	25·2	13·8	19·5	-0·1	34·2	5	9·5	21	14·6	20	16·5	3
MAR	18·7	15·8	74	3·9	25·7	12·5	19·1	0·6	33·8	29	6·5	19	17·2	10	17·8	29
APR	16·7	14·5	79	4·2	25·6	10·4	18·0	1·4	31·4	3	6·8	10	12·0	22	15·5	3
MAY	11·7	9·2	72	2·7	20·2	5·3	12·7	-1·2	27·4	10	1·3	23	11·0	16	10·2	11
JUN	(11·5)	(7·1)	(52)	(1·2)	20·5	3·1	11·8	0·5	25·2	14	-1·5	11	10·2	3	9·6	8
JUL	11·0	7·5	61	2·1	19·9	4·6	12·3	1·3	23·2	21	-0·5	20	13·8	4	9·0	8
AUG	11·4	8·0	63,	1·6	20·7	4·2	12·5	-0·8	29·6	29	-0·8	19	6·0	31	9·5	29
SEP	16·2	12·3	63	2·4	25·0	6·9	15·9	0·5	32·8	30	-0·8	2	-	-	-	-
OCT	15·8	13·1	74	4·5	23·5	9·8	16·7	-0·1	34·0	29	-0·8	6	11·4	19	16·0	28
NOV	16·2	13·8	76	5·8	21·9	11·2	16·5	-1·1	32·0	5	6·0	4	10·2	1	15·6	24
DEC	17·8	15·5	79	5·5	24·4	12·2	18·3	-0·5	36·4	16	8·6	3	-	-	-	-
J/Y	(15·3)	(12·5)	(71)	(3·7)	23·1	8·9	16·0	0·0	36·4	-	-1·5	-	-	-	-	-

1959	NEERSLAG / PRECIP R mm	RX IN 24H mm	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	TEMP <5	>20
JAN	102·4	33·5	26	20	11	3	1	0	4	3	0	0	0	0	0
FEB	87·2	34·0	15	19	13	2	1	0	3	1	0	0	0	0	0
MAR	80·2	25·0	11	19	12	3	1	0	3	1	0	0	0	0	0
APR	38·2	11·0	22	20	9	1	0	0	3	1	0	0	0	0	0
MAY	328·5	227·0	17	10	6	5	3	0	0	5	0	0	0	12	0
JUN	0·1	0·1	8	1	0	0	0	0	0	3	0	0	2	24	0
JUL	32·1	20·0	17	5	3	2	0	0	0	7	0	0	1	19	0
AUG	31·0	26·0	31	6	4	1	1	0	0	7	2	0	2	18	0
SEP	17·0	13·5	12	5	2	1	0	0	-	-	-	0	-	-	-
OCT	50·7	8·0	19	19	9	0	0	0	3	7	0	0	2	4	0
NOV	88·2	27·0	7	25	15	2	1	0	1	4	0	0	0	0	0
DEC	95·5	25·0	17	21	15	2	1	1	3	-	-	0	0	0	-
J/Y	951·1	227·0	-	170	99	22	9	1	-	-	-	0	-	-	-

239/604 ALLERTON PWB VET ø 29°34'S λ 30°21'E H 640M HT 1·2M HR 1·2M

1959	OB T °C	OB T' °C	OB U %	OB N 0-8	UITERSTE TEMPERATURE TX °C	TN °C	TM °C	ΔTM °C	EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	20·3	-	-	4·0	26·6	15·0	20·8	-	36·5	27	7·0	14	18·0	6	20·0	1
FEB	20·0	-	-	5·1	26·8	16·0	21·4	-	36·5	5	13·0	21	18·6	20	18·2	20
MAR	18·4	-	-	3·6	27·6	14·2	20·9	-	36·8	29	8·2	19	15·8	18	17·5	30
APR	16·8	-	-	3·8	27·5	12·8	20·1	-	34·0	11	8·5	10	13·8	22	17·5	16
MAY	10·3	-	-	1·9	22·8	6·1	14·5	-	29·0	13	1·5	23	15·0	16	13·0	13
JUN	6·2	-	-	0·8	23·0	2·9	12·9	-	27·5	2	-1·0	28	13·0	3	9·5	8
JUL	8·0	-	-	2·0	22·6	4·2	13·4	-	26·0	7	0·5	21	17·2	8	10·8	14
AUG	9·7	-	-	1·5	23·6	4·1	13·9	-	32·5	29	1·0	4	11·5	31	10·0	26
SEP	15·1	-	-	3·2	25·7	7·3	16·5	-	37·0	30	-2·0	1	12·0	13	13·5	25
OCT	17·6	-	-	4·2	24·8	11·7	18·3	-	37·0	29	1·0	5	14·4	19	18·5	28
NOV	18·2	-	-	6·1	24·0	13·8	18·9	-	35·0	5	7·0	4	13·0	1	18·0	17
DEC	20·2	-	-	5·2	26·5	14·8	20·7	-	37·0	16	11·5	3	16·6	18	18·8	17
J/Y	15·1	-	-	3·5	25·1	10·2	17·7	-	37·0	-	-2·0	-	11·5	-	20·0	-

1959	NEERSLAG / PRECIP R mm	RX IN 24H mm	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	TEMP <5	>20
JAN	158·0	45·0	28	18	18	5	1	1	10	0	0	0	0	0	0
FEB	138·0	61·5	15	19	15	4	1	1	4	0	0	0	0	0	0
MAR	47·2	9·5	10	16	11	0	0	2	8	1	0	0	0	0	0
APR	67·5	28·0	21	11	9	2	1	0	8	1	0	0	0	0	0
MAY	196·4	109·0	17	8	7	3	3	0	0	4	0	0	0	9	0
JUN	1·0	1·0	8	1	1	0	0	0	0	1	0	0	1	24	0
JUL	18·0	16·0	8	4	2	1	0	0	0	1	0	0	0	19	0
AUG	20·5	12·0	31	5	3	1	0	0	2	3	0	0	0	20	0
SEP	28·2	17·5	12	6	4	1	0	1	5	2	0	0	1	7	0
OCT	101·8	22·5	19	20	16	3	0	1	4	3	0	0	0	5	0
NOV	125·4	40·0	7	23	19	2	1	0	5	2	0	0	0	0	0
DEC	130·3	31·0	17	26	22	4	1	1	8	1	0	0	0	0	0
J/Y	1032·3	109·0	-	157	127	26	8	7	54	19	0	0	2	84	0

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROEBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

239/666 PIETERMARITZBURG MUN

Ø 29°36'S λ 30°23'E H 650M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAR	-	-	-	-	28·8	15·9	22·3	-	38·4	29	9·9	19	16·8	18	20·0	30
APR	-	-	-	-	28·5	14·3	21·4	-	35·0	7	10·2	10	14·6	22	18·7	16
MAY	-	-	-	-	23·6	8·0	15·8	-	30·1	10	3·5	24	16·1	17	15·0	11
JUN	-	-	-	-	23·6	4·1	13·9	-	28·1	2	0·8	28	14·1	3	11·9	1
JUL	-	-	-	-	23·3	6·2	14·7	-	26·7	7	1·9	21	18·0	8	12·4	14
AUG	-	-	-	-	24·2	6·2	15·2	-	33·1	29	2·2	4	11·4	31	13·3	26
SEP	-	-	-	-	26·4	9·8	18·1	-	37·9	30	3·5	3	12·9	13	14·3	25
OCT	-	-	-	-	25·6	14·2	19·9	-	37·5	29	3·7	5	15·4	19	21·5	27
NOV	-	-	-	-	25·5	14·9	20·2	-	35·7	5	7·8	4	15·0	1	18·6	18
DEC	-	-	-	-	27·8	16·2	22·0	-	39·3	16	12·0	3	17·8	18	20·8	17
J/Y	-	-	-	-	-	-	-	-	-	-	0·8	-	11·4	-	-	-

1959	R MM	RX IN 24H MM	D	≥0·1	REEN ≥1·0	≥10	RAIN ≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEB	113·1	57·5	15	11	8	3	1	-	-	-	-	-	-	-	-
MAR	39·5	9·6	8	12	9	0	0	2	13	1	0	0	0	0	0
APR	50·2	23·3	21	10	8	1	0	0	12	1	0	0	0	0	0
MAY	185·2	105·0	17	8	6	4	3	0	1	4	0	0	0	6	0
JUN	0·5	0·5	8	1	0	0	0	0	0	1	0	0	0	22	0
JUL	18·3	17·1	8	2	2	1	0	0	0	0	0	0	0	-	0
AUG	14·8	10·2	31	4	3	1	0	0	3	2	0	0	0	14	0
SEP	15·1	11·3	12	6	2	1	0	2	9	2	0	0	0	5	0
OCT	113·4	19·4	18	20	15	5	0	1	4	2	0	0	0	2	1
NOV	98·8	36·7	7	22	11	2	1	1	5	1	0	0	0	0	0
DEC	97·3	34·9	17	26	16	1	1	2	9	0	0	0	0	0	1
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TXX HOOGSTE WAKS TEMP
TNN LAAGSTE WIN TEMP
TXN LAAGSTE WAKS TEMP
TNX HOOGSTE WIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPW GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

240/185 UMGENIDAM

Ø 29°35'S λ 30°37'E H 442M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	19·5	-	-	5·5	27·2	17·7	22·5	-	37·0	4	10·7	14	19·0	6	21·5	1
FEB	19·5	-	-	5·5	27·7	18·6	23·1	-	38·3	5	16·4	22	21·5	20	21·0	3
MAR	18·1	-	-	4·2	28·0	17·1	22·5	-	36·5	28	12·2	19	17·0	18	21·5	5
APR	16·4	-	-	3·4	27·4	15·7	21·5	-	36·6	7	12·5	18	16·0	22	18·5	16
MAY	11·4	-	-	2·7	23·4	10·2	16·8	-	30·5	10	7·2	24	15·5	16	14·7	13
JUN	9·1	-	-	0·8	22·8	8·2	15·5	-	26·0	21	6·2	28	15·7	3	12·8	8
JUL	10·4	-	-	1·6	23·3	9·1	16·2	-	28·7	7	6·2	21	17·0	17	13·8	14
AUG	10·7	-	-	1·7	23·8	9·6	16·7	-	34·0	29	6·5	5	13·5	31	14·0	29
SEP	13·1	-	-	2·8	25·4	11·5	18·5	-	38·6	30	3·0	2	13·2	13	17·0	30
OCT	17·0	-	-	4·7	24·3	14·7	19·5	-	35·0	29	7·0	4	15·0	19	20·9	30
NOV	17·7	-	-	6·1	24·7	15·9	20·3	-	32·5	5	10·3	4	15·3	1	19·8	30
DEC	19·1	-	-	5·6	27·4	17·6	22·5	-	41·0	16	13·0	3	17·7	18	21·6	22
J/Y	15·2	-	-	3·7	25·5	13·8	19·7	-	41·0	-	3·0	-	13·2	-	21·6	-

1959	R MM	RX IN 24H MM	D	≥0·1	REEN ≥1·0	≥10	RAIN ≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	201·4	62·4	8	16	11	4	4	1	9	0	0	0	0	0	8
FEB	82·3	41·2	15	12	7	2	1	1	8	0	0	0	0	0	4
MAR	46·2	17·1	18	8	8	2	0	1	9	1	0	0	0	0	2
APR	39·9	11·6	22	10	9	1	0	2	8	1	0	0	0	0	0
MAY	268·0	167·0	17	9	6	5	3	0	2	2	0	0	0	0	0
JUN	0·0	0·0	-	0	0	0	0	0	0	1	0	0	0	0	0
JUL	4·4	4·0	8	2	1	0	0	0	0	1	0	0	0	0	0
AUG	23·2	20·0	31	4	3	1	0	0	2	2	0	0	0	0	0
SEP	16·1	11·5	12	3	2	1	0	2	6	3	0	0	0	1	0
OCT	117·5	21·9	19	17	14	5	0	0	3	1	0	0	0	0	2
NOV	49·5	16·0	7	14	10	2	0	0	4	2	0	0	0	0	0
DEC	71·2	28·0	17	19	12	2	1	4	8	0	0	0	0	0	3
J/Y	917·7	167·0	-	114	83	25	9	11	59	14	0	0	0	1	19

240/682 NORTHDENE

Ø 29°52'S λ 30°53'E H 237M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	21·4	19·0	79	5·4	25·6	18·7	22·1	-0·9	32·6	28	13·8	14	19·6	6	22·5	28
FEB	21·4	19·6	84	3·9	26·5	19·3	22·9	-0·5	33·9	5	15·5	21	21·2	20	22·0	6
MAR	20·5	18·8	84	3·3	26·9	18·6	22·7	0·3	32·0	28	14·3	19	18·9	18	22·4	5
APR	19·3	17·6	84	2·9	26·4	17·3	21·9	1·5	33·9	7	15·5	22	16·9	22	21·1	4
MAY	15·1	13·0	77	2·6	23·6	13·4	18·5	-0·6	28·5	30	10·5	24	16·5	16	17·0	12
JUN	13·2	9·8	62	0·5	23·2	11·7	17·5	0·4	26·3	21	9·5	26	16·9	3	15·5	1
JUL	13·5	10·8	70	1·9	23·0	12·0	17·5	1·1	28·5	7	9·0	19	17·1	17	14·5	14
AUG	14·3	10·9	65	2·3	23·2	12·6	17·9	0·6	32·5	29	9·6	18	14·9	31	18·1	30
SEP	15·7	13·3	75	3·1	22·7	12·8	17·7	-0·6	31·7	30	8·4	14	15·6	13	17·3	29
OCT	18·5	15·9	75	5·3	23·0	15·5	19·3	-0·4	32·1	29	7·0	5	16·7	19	21·0	29
NOV	19·5	17·2	78	5·9	23·5	16·7	20·1	-0·6	28·4	5	11·2	4	17·1	1	20·2	13
DEC	21·0	18·6	78	5·0	25·1	18·2	21·7	-0·4	30·0	21	14·8	3	19·1	6	22·1	22
J/Y	17·8	15·4	76	3·5	24·4	15·6	20·0	0·0	33·9	-	7·0	-	14·9	-	22·5	-

1959	R MM	RX IN 24H MM	D	≥0·1	REEN ≥1·0	≥10	RAIN ≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	106·0	40·2	1	20	11	3	1	0	5	0	0	0	0	0	10
FEB	64·6	29·5	15	11	7	3	1	0	1	0	0	0	0	0	9
MAR	32·3	12·2	1	12	8	1	0	0	2	0	0	0	0	0	7
APR	32·0	10·0	22	9	7	1	0	0	3	1	0	0	0	0	3
MAY	150·0	59·0	17	7	6	4	3	0	0	1	0	0	0	0	0
JUN	3·0	3·0	8	1	1	0	0	0	0	1	0	0	0	0	0
JUL	59·1	57·0	8	4	2	1	1	0	0	1	0	0	0	0	0
AUG	63·2	33·0	31	7	5	3	1	0	3	2	0	0	0	0	0
SEP	20·3	10·3	12	7	3	1	0	0	1	2	0	0	0	0	0
OCT	74·5	22·5	19	17	11	3	0	0	1	2	0	0	0	0	3
NOV	81·0	23·5	29	17	13	3	0	0	0	1	0	0	0	0	1
DEC	77·9	31·0	17	19	14	1	1	0	0	0	0	0	0	0	4
J/Y	763·9	59·0	-	131	88	24	8	0	16	11	0	0	0	0	37

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

259/390 KALKFONTEINDAM IRR — 08 — ø 29°30'S λ 25°13'E H 1219M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	20·4	14·8	56	2·5	30·7	15·7	23·2	–	36·6	22	6·6	13	22·0	12	21·7	23
FEB	20·2	16·3	67	2·7	30·8	16·8	23·8	–	34·7	10	12·1	21	22·2	14	21·4	5
MAR	18·2	14·2	64	2·6	29·3	14·9	22·1	–	33·5	29	8·0	19	19·1	18	18·7	30
APR	14·4	11·1	67	2·5	25·4	11·2	18·3	–	31·1	2	3·2	30	9·7	30	16·1	17
MAY	8·7	6·9	77	2·8	17·7	5·4	11·5	–	23·1	6	0·7	26	10·9	16	9·9	12
JUN	3·0	2·0	84	1·2	18·5	1·6	10·1	–	22·1	5	−2·5	25	12·0	9	5·1	3
JUL	5·4	3·8	78	1·8	17·9	3·9	10·9	–	21·9	12	0·9	15	8·5	17	8·9	8
AUG	5·7	2·7	59	0·8	19·7	3·4	11·5	–	27·4	29	−0·5	8	8·3	16	8·6	15
SEP	11·2	6·5	48	0·8	25·7	7·7	16·7	–	33·6	29	−0·4	2	15·0	13	16·0	30
OCT	16·1	10·3	46	2·1	27·4	11·9	19·7	–	36·5	16	0·5	5	14·2	4	18·5	26
NOV	18·9	14·2	59	2·3	29·8	14·8	22·3	–	35·4	27	7·2	2	19·3	8	19·5	30
DEC	20·2	15·5	60	1·5	29·2	16·2	22·7	–	35·9	30	11·3	4	20·0	1	20·0	16
J/Y	13·5	9·9	64	2·0	25·2	10·3	17·7	–	36·6	–	−2·5	–	8·5	–	21·7	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <−2·5	<0·0	<5	>20
JAN	36·1	14·0	7	6	6	2	0	2	20	0	0	0	0	0	2
FEB	128·4	54·4	12	8	7	3	2	0	19	0	0	0	0	0	1
MAR	40·0	16·8	17	6	5	1	0	0	15	0	0	0	0	0	0
APR	44·3	23·5	28	4	4	2	0	0	3	3	1	0	0	2	0
MAY	39·6	14·2	12	9	7	2	0	0	0	13	0	0	0	15	0
JUN	0·4	0·4	6	1	0	0	0	0	0	8	0	0	3	29	0
JUL	5·9	4·3	8	3	2	0	0	0	0	9	2	0	0	23	0
AUG	0·0	0·0	–	0	0	0	0	0	0	9	1	0	1	25	0
SEP	0·0	0·0	–	0	0	0	0	0	5	2	0	0	1	9	0
OCT	5·5	5·5	20	1	1	0	0	3	13	2	0	0	0	3	0
NOV	90·5	42·5	8	4	4	4	1	1	18	0	0	0	0	0	0
DEC	89·0	64·5	3	4	4	2	1	1	17	0	0	0	0	0	0
J/Y	479·7	64·5	–	46	40	16	4	7	110	46	4	0	5	106	3

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R / TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

262/166 RUSTFONTEINDAM IRR — 08 — ø 29°16'S λ 26°36'E H 1382M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	19·0	–	–	1·4	28·5	13·5	21·0	–	33·8	22	6·2	14	–	–	20·2	7
FEB	19·1	–	–	2·6	29·5	(13·4)	(21·5)	–	33·5	27	8·2	21	–	–	–	–
MAR	16·6	–	–	1·1	28·1	11·8	19·9	–	32·6	29	3·4	20	18·3	18	18·2	2
APR	12·5	–	–	1·3	24·5	8·4	16·5	–	30·0	2	−0·6	9	10·2	30	14·8	3
MAY	6·5	–	–	1·8	17·6	–	–	–	24·8	10	–	–	8·0	16	–	–
JUN	2·3	–	–	0·9	18·3	–	–	–	22·2	2	–	–	–	–	–	–
JUL	5·4	–	–	2·6	17·2	–	–	–	21·5	12	–	–	9·5	17	–	–
AUG	4·5	–	–	0·4	19·2	−0·1	9·6	–	26·0	29	−3·4	6	9·4	16	3·4	15
SEP	10·2	–	–	0·8	24·4	4·3	14·3	–	31·7	29	−0·3	1	13·8	13	15·8	30
OCT	16·6	–	–	1·2	26·4	10·3	18·3	–	34·8	16	0·8	4	13·5	4	18·0	27
NOV	18·2	–	–	1·9	27·9	12·7	20·3	–	34·5	27	6·1	2	20·9	1	18·4	6
DEC	19·3	–	–	1·5	27·2	13·8	20·5	–	33·3	16	8·9	5	19·7	4	17·2	12
J/Y	12·5	–	–	1·5	24·1	–	–	–	34·8	–	–	–	–	–	–	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <−2·5	<0·0	<5	>20
JAN	30·5	15·6	7	3	3	2	0	0	–	–	0	0	0	0	1
FEB	35·2	14·8	12	3	3	2	0	0	–	–	0	0	0	0	–
MAR	48·6	19·0	16	5	5	2	0	0	8	0	0	0	0	1	0
APR	61·6	18·2	28	7	7	3	0	0	0	2	0	0	1	4	0
MAY	32·9	11·6	16	5	5	1	0	0	0	–	–	–	–	–	–
JUN	0·0	0·0	–	0	0	0	0	0	0	–	–	–	–	–	–
JUL	11·0	8·6	13	3	2	0	0	0	0	11	2	–	–	–	–
AUG	0·0	0·0	–	0	0	0	0	0	0	7	1	2	12	31	0
SEP	0·0	0·0	–	0	0	0	0	0	–	–	0	0	–	–	0
OCT	34·7	29·5	25	2	2	1	1	0	9	1	0	0	0	7	0
NOV	62·9	24·0	8	5	4	3	0	0	–	0	0	0	0	0	0
DEC	103·5	51·0	3	8	7	3	1	0	6	0	0	0	0	0	0
J/Y	420·9	51·0	–	41	38	17	2	0	–	–	–	–	–	–	–

267/137 MOKHOTLONG BAS — 08 — ø 29°17'S λ 29°05'E H2377M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	14·4	11·1	68	3·2	22·9	7·9	15·4	–	26·7	27	1·7	14	17·2	13	12·8	28
FEB	14·7	11·8	72	2·6	24·6	8·6	16·6	–	28·9	27	6·7	1	19·4	13	12·2	16
MAR	12·6	9·8	71	2·3	23·8	7·3	15·5	–	27·2	–	2·8	21	18·9	18	12·2	8
APR	9·1	6·8	72	1·8	21·3	3·9	12·6	–	26·1	1	−2·2	9	–	–	8·9	4
MAY	2·9	–	–	2·4	13·4	−0·7	6·3	–	18·9	10	−4·4	1	2·2	17	6·1	13
JUN	(1·1)	(0·0)	(84)	(1·2)	(16·9)	(−3·2)	(6·9)	–	22·8	22	−7·8	30	–	–	–	–
JUL	0·2	−0·5	88	1·4	14·0	−3·9	5·1	–	20·6	2	−6·7	16	5·0	18	1·1	8
AUG	1·7	−0·1	73	0·7	17·0	−3·6	6·7	–	22·2	24	−6·7	19	4·4	31	–	–
SEP	7·3	4·4	64	0·6	21·6	0·2	10·9	–	26·7	29	−8·3	2	–	–	6·7	30
OCT	11·2	9·1	77	2·4	20·7	5·0	12·9	–	26·7	16	−5·6	6	–	–	–	–
NOV	13·3	10·2	69	2·6	21·7	7·2	14·5	–	26·7	27	3·9	20	–	–	–	–
DEC	15·2	12·0	69	2·5	22·8	8·6	15·7	–	27·8	30	5·6	6	16·7	17	12·8	22
J/Y	(8·6)	–	–	(2·0)	(20·1)	(3·1)	(11·6)	–	28·9	–	−8·3	–	–	–	–	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <−2·5	<0·0	<5	>20
JAN	59·2	15·0	1	12	9	2	0	0	0	1	0	0	0	6	0
FEB	72·9	18·8	15	13	13	1	0	0	0	0	0	0	0	0	0
MAR	42·9	8·6	3	10	10	0	0	0	0	0	0	0	0	7	0
APR	62·2	26·7	29	8	8	3	1	0	0	–	–	0	2	21	0
MAY	130·9	78·0	17	8	7	2	1	0	0	–	–	–	–	–	0
JUN	5·6	5·6	7	1	1	0	0	0	0	–	–	–	–	–	0
JUL	27·7	12·7	13	3	3	1	0	0	0	–	2	–	28	31	0
AUG	4·3	2·5	31	2	2	0	0	0	0	–	–	–	–	–	0
SEP	2·3	2·3	13	1	1	0	0	0	0	–	–	–	–	–	0
OCT	102·3	24·6	19	12	12	4	0	0	0	–	–	–	–	–	0
NOV	125·3	34·0	8	14	13	5	1	0	0	–	–	0	0	–	0
DEC	98·3	16·8	16	11	11	3	0	0	0	1	0	0	0	0	0
J/Y	733·9	78·0	–	95	90	21	3	0	0	–	–	–	–	–	0

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROEBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

277/177 HENKRIESFONTEIN ø 28°57'S λ 18°06'E H 335M HT 1·2M HR 1·2M

1959	OB T °C	T' °C	U %	N 0-8	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	-	-	-	-	36·0	16·8	26·4	-	43·6	30	10·0	12	27·8	12	24·8	24
FEB	-	-	-	-	37·5	18·1	27·8	-	44·4	4	14·3	14	30·6	12	25·0	12
MAR	-	-	-	-	34·6	16·0	25·3	-	39·5	13	9·0	18	24·0	17	21·5	14
APR	-	-	-	-	29·1	12·2	20·7	-	36·8	6	5·5	29	16·4	29	19·4	1
MAY	-	-	-	-	20·7	6·1	13·4	-	26·0	5	2·8	1	14·3	21	11·0	13
JUN	-	-	-	-	22·8	6·0	14·4	-	27·4	13	0·3	25	16·5	24	11·0	7
JUL	-	-	-	-	21·8	4·4	13·1	-	28·0	2	-0·5	24	16·0	23	9·8	3
AUG	-	-	-	-	24·2	6·0	15·1	-	31·6	12	1·1	17	14·6	16	11·5	14
SEP	-	-	-	-	29·7	9·1	19·4	-	40·7	29	1·0	13	17·5	12	16·5	20
OCT	-	-	-	-	29·1	11·0	20·1	-	38·3	25	4·5	3	20·1	4	16·0	26
NOV	-	-	-	-	35·3	15·0	25·1	-	42·4	22	6·5	1	24·3	1	24·0	23
DEC	-	-	-	-	36·0	16·6	26·3	-	42·2	31	11·0	18	25·5	4	21·8	29
J/Y	-	-	-	-	29·7	11·4	20·5	-	44·4	-	-0·5	-	14·3	-	25·0	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	≥10	RAIN ≥25	MAX >35	>30	TEMP <17·5	<10	MIN <-2·5	<0·0	TEMP <5	>20
JAN	0·0	0·0	-	0	0	0	0	21	28	0	0	0	0	0	5
FEB	4·0	4·0	12	1	1	0	0	22	28	0	0	0	0	0	8
MAR	0·0	0·0	-	0	0	0	0	17	27	0	0	0	0	0	3
APR	5·0	3·5	29	2	2	0	0	5	15	1	0	0	0	0	0
MAY	16·8	9·5	20	3	2	0	0	0	0	5	0	0	0	9	0
JUN	1·2	1·0	5	2	1	0	0	0	0	1	0	0	0	9	0
JUL	0·1	0·1	16	1	0	0	0	0	0	5	0	0	1	17	0
AUG	0·1	0·1	16	1	0	0	0	0	4	4	0	0	0	11	0
SEP	0·0	0·0	-	0	0	0	0	5	14	0	0	0	0	5	0
OCT	0·0	0·0	-	0	0	0	0	3	13	0	0	0	0	1	0
NOV	1·0	1·0	22	1	1	0	0	18	27	0	0	0	0	0	4
DEC	0·0	0·0	-	0	0	0	0	21	28	0	0	0	0	0	4
J/Y	28·2	9·5	-	11	7	0	0	112	184	16	0	0	1	52	24

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

296/622 IMPERANI ø 28°52'S λ 27°51'E H1640M HT 1·2M HR 1·2M

1959	OB T °C	T' °C	U %	N 0-8	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	-	-	-	-	(25·7)	(11·1)	(18·4)	-	30·3	27	3·5	13	-	-	-	-
FEB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAR	-	-	-	-	-	-	-	-	30·9	29	3·2	19	-	-	-	-
APR	13·1	10·2	69	1·7	25·8	9·3	16·5	-	29·2	1	2·5	9	-	-	-	-
MAY	5·2	4·4	88	2·2	16·8	3·2	10·0	-	22·0	30	0·0	26	-	-	-	-
JUN	2·7	1·4	79	0·7	17·6	0·6	9·1	-	20·6	2	-1·5	10	-	-	-	-
JUL	3·3	2·4	86	2·1	16·0	2·0	9·0	-	19·4	12	-1·5	15	8·5	18	-	-
AUG	3·7	1·6	68	0·3	18·8	0·9	9·9	-	24·0	30	-3·5	17	-	-	-	-
SEP	10·9	8·0	67	1·2	23·4	5·6	14·5	-	29·5	29	-2·8	3	-	-	16·0	30
OCT	15·0	10·6	57	2·1	23·3	9·2	16·3	-	31·0	17	-2·2	5	10·0	3	-	-
NOV	17·5	13·6	64	2·7	24·5	11·1	17·8	-	31·5	27	5·0	2	17·0	8	-	-
DEC	17·6	14·7	73	3·5	24·4	12·1	18·3	-	29·5	16	8·0	5	-	-	-	-
J/Y	-	-	-	-	-	-	-	-	-	-	-3·5	-	-	-	-	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	≥10	RAIN ≥25	MAX >35	>30	TEMP <17·5	<10	MIN <-2·5	<0·0	TEMP <5	>20
JAN	75·3	18·5	31	8	7	4	0	0	1	-	0	0	0	-	0
FEB	25·5	19·5	15	2	2	1	0	-	-	-	-	-	-	-	-
MAR	47·4	22·4	10	8	8	1	0	0	-	-	-	0	0	-	-
APR	90·8	33·5	29	7	6	3	1	0	0	-	-	0	0	2	0
MAY	53·2	24·5	12	5	4	3	0	0	0	-	-	0	0	-	0
JUN	3·5	3·5	7	1	1	0	0	0	0	-	-	0	-	-	0
JUL	42·9	17·5	13	4	3	2	0	0	0	-	-	0	-	-	0
AUG	0·0	0·0	-	0	0	0	0	0	0	-	-	-	-	-	0
SEP	11·0	-	-	2	-	-	0	0	0	-	-	2	3	-	0
OCT	52·2	17·5	20	7	6	2	0	0	-	-	0	0	2	-	0
NOV	106·2	36·5	9	10	10	3	1	0	1	-	0	0	0	0	0
DEC	149·0	33·5	2	13	13	4	1	0	0	-	-	0	0	0	-
J/Y	657·0	36·5	-	67	-	-	3	-	-	-	-	-	-	-	-

298/791 ROYAL NATAL NATIONAL PARK VIS ø 28°41'S λ 28°57'E H1490M HT 1·2M HR 1·2M

1959	OB T °C	T' °C	U %	N 0-8	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	-	-	-	-	25·3	13·3	19·3	-	30·4	27	6·0	14	17·5	30	20·0	20
FEB	-	-	-	-	25·7	14·2	19·9	-	31·8	26	8·6	22	15·4	21	18·0	27
MAR	-	-	-	-	26·2	13·0	19·6	-	32·8	29	8·6	22	16·6	10	16·4	29
APR	-	-	-	-	25·0	10·8	17·9	-	30·6	3	5·0	9	12·0	22	15·0	7
MAY	-	-	-	-	20·0	6·1	13·1	-	24·8	7	0·5	26	9·0	16	15·0	7
JUN	-	-	-	-	20·6	4·2	12·4	-	25·0	21	0·8	29	15·7	25	10·2	8
JUL	-	-	-	-	18·1	4·2	11·1	-	22·6	21	0·5	15	10·5	17	7·5	8
AUG	-	-	-	-	20·0	4·8	12·4	-	26·0	29	0·3	4	10·3	31	14·0	15
SEP	-	-	-	-	23·6	7·6	15·6	-	31·2	28	-1·3	2	9·0	13	13·8	30
OCT	-	-	-	-	23·5	10·4	16·9	-	32·2	16	0·8	6	13·5	20	16·4	30
NOV	-	-	-	-	23·5	11·7	17·6	-	32·5	27	5·5	4	8·6	2	15·0	13
DEC	-	-	-	-	24·9	13·2	19·5	-	31·8	15	10·0	3	16·3	6	16·6	17
J/Y	-	-	-	-	23·0	9·5	16·3	-	32·8	-	-1·3	-	8·6	-	20·0	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	≥10	RAIN ≥25	MAX >35	>30	TEMP <17·5	<10	MIN <-2·5	<0·0	TEMP <5	>20
JAN	123·3	34·5	9	14	13	4	1	0	2	0	0	0	0	0	0
FEB	195·2	71·0	3	18	16	4	2	0	2	1	0	0	0	0	0
MAR	49·4	9·0	9	14	12	0	0	0	4	1	0	0	0	0	0
APR	85·5	29·0	29	9	9	4	1	0	2	3	0	0	0	0	0
MAY	140·6	57·0	17	7	6	5	2	0	0	7	1	0	0	11	0
JUN	3·5	3·0	24	2	1	0	0	0	0	2	0	0	0	22	-
JUL	48·0	16·0	8	4	4	3	0	0	0	11	0	0	0	20	0
AUG	12·0	9·5	31	2	2	0	0	0	0	9	0	0	0	20	0
SEP	20·0	11·0	13	3	3	1	0	0	1	4	1	0	2	7	0
OCT	172·4	38·5	19	15	13	7	2	0	4	9	0	0	0	4	0
NOV	206·2	31·0	17	22	19	7	3	0	2	4	1	0	0	0	0
DEC	154·4	24·0	11	19	18	5	0	0	2	2	0	0	0	0	0
J/Y	1210·5	71·0	-	129	116	40	11	0	19	53	3	0	2	84	0

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

299/419 DRAKENSBERG CATH PEAK BOS

ø 28°59'S λ 29°14'E H 1870M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	15·3	12·8	76	5·1	21·1	11·2	16·1	–	27·6	4	3·2	14	13·1	14	16·1	12
FEB	16·8	14·1	75	4·6	21·6	13·0	17·3	–	26·8	26	7·5	21	14·2	21	17·5	25
MAR	16·5	12·8	66	4·1	21·2	12·1	16·7	–	28·1	29	5·6	19	15·0	10	18·6	29
APR	14·7	10·7	61	2·4	21·1	10·6	15·9	–	27·0	3	2·5	30	10·8	22	17·0	4
MAY	11·0	6·2	49	2·4	16·4	7·1	11·7	–	21·7	8	1·8	26	8·0	16	12·7	31
JUN	10·5	4·7	38	1·2	16·4	7·0	11·7	–	20·5	21	1·7	4	11·3	25	11·2	21
JUL	8·3	4·2	52	1·6	14·2	5·6	9·9	–	17·0	21	2·7	15	8·5	18	10·2	22
AUG	9·4	6·0	62	1·8	15·9	6·0	10·9	–	23·5	29	−0·6	31	6·1	31	14·0	30
SEP	12·5	7·3	48	2·4	19·0	8·0	13·9	–	27·7	28	−0·7	2	6·8	13	16·4	30
OCT	13·5	10·1	66	3·5	19·8	9·1	14·5	–	30·0	17	0·0	5	9·8	19	17·2	17
NOV	13·3	11·3	80	5·2	19·0	9·6	14·3	–	28·3	27	3·1	3	5·0	2	14·4	14
DEC	15·2	13·2	81	4·8	20·2	11·0	15·6	–	28·2	15	6·9	3	12·4	19	14·2	22
J/Y	13·1	9·5	63	3·3	18·8	9·2	14·0	–	30·0	–	−0·7	–	5·0	–	18·6	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	≥10	RAIN ≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <−2·5	<0·0	<5	TNX TEMP >20
JAN	172·1	38·0	8	23	16	7	2	0	0	5	0	0	0	1	0
FEB	178·7	35·0	15	22	15	8	2	0	0	2	0	0	0	0	0
MAR	166·8	36·4	2	18	15	6	2	0	0	5	0	0	0	0	0
APR	93·5	44·8	29	9	7	3	1	0	0	5	0	0	0	1	0
MAY	118·2	41·5	17	8	6	4	1	0	0	18	1	0	0	9	0
JUN	10·4	9·0	24	2	2	0	0	0	0	20	0	0	0	6	0
JUL	41·0	18·0	8	3	3	2	0	0	0	31	2	0	0	12	0
AUG	14·6	6·8	30	4	3	0	0	0	0	17	3	0	2	14	0
SEP	16·9	8·4	13	7	3	0	0	0	0	9	1	0	2	9	0
OCT	152·1	29·3	19	14	12	7	2	0	0	11	1	0	0	5	0
NOV	168·4	40·9	8	23	19	5	2	0	0	8	1	0	0	3	0
DEC	255·6	48·0	30	24	20	9	3	0	0	8	0	0	0	0	0
J/Y	1388·3	48·0	–	157	121	51	15	0	0	139	9	0	4	60	0

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
Ha HEIGHT OF ANEMOGRAPH

300/554 COLENSO

ø 28°44'S λ 29°49'E H 960M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	(20·1)	–	–	(4·0)	29·6	(15·5)	(22·5)	–	37·0	4	8·5	14	21·5	13	19·5	28
FEB	20·4	–	–	4·5	30·7	16·7	23·7	–	37·5	5	11·0	22	–	–	–	–
MAR	(18·0)	–	–	(3·8)	29·6	(14·9)	(22·3)	–	37·5	28	10·5	22	20·5	10	–	–
APR	16·3	–	–	2·4	28·6	12·5	20·5	–	35·5	3	9·0	18	14·5	22	18·0	14
MAY	(8·3)	–	–	(1·9)	(21·5)	(5·4)	(13·5)	–	28·5	7	1·0	23	–	–	–	–
JUN	3·5	–	–	0·6	21·4	1·2	11·3	–	27·0	2	−0·7	15	16·5	3	8·5	4
JUL	4·1	–	–	1·5	21·3	1·5	11·4	–	24·0	24	−0·7	31	12·0	17	–	–
AUG	6·0	–	–	1·8	23·2	2·7	12·9	–	31·5	30	−0·5	11	15·0	31	–	–
SEP	12·9	–	–	1·9	27·7	(6·0)	(17·9)	–	36·0	28	−0·5	2	–	–	–	–
OCT	17·9	–	–	3·5	28·0	12·9	20·5	–	37·0	16	3·5	6	16·5	19	–	–
NOV	18·7	–	–	6·1	27·3	14·1	20·7	–	37·5	27	7·5	4	14·5	2	–	–
DEC	(20·5)	–	–	(4·6)	(29·4)	(15·4)	(22·4)	–	36·5	15	12·0	3	–	–	–	–
J/Y	(13·9)	–	–	(3·1)	(26·5)	(10·1)	(18·3)	–	37·5	–	−0·7	–	–	–	–	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	≥10	RAIN ≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <−2·5	<0·0	<5	TNX TEMP >20
JAN	103·0	69·0	10	6	6	2	1	1	–	0	0	0	0	0	0
FEB	63·5	49·0	15	4	4	1	1	2	–	–	–	0	0	0	–
MAR	43·0	23·0	7	5	5	2	0	–	–	0	0	0	0	0	–
APR	46·1	27·5	29	6	6	1	1	1	–	–	0	0	0	0	0
MAY	92·9	67·5	17	5	4	2	1	0	0	–	–	0	0	–	0
JUN	0·3	0·3	8	1	0	0	0	0	0	–	0	0	–	–	0
JUL	11·1	5·0	17	3	2	0	0	0	0	–	0	0	–	–	0
AUG	1·1	0·9	7	2	0	0	0	0	–	–	0	0	–	–	0
SEP	6·0	–	–	–	–	0	0	2	–	–	0	0	1	–	0
OCT	74·7	23·5	19	6	5	4	0	3	11	1	0	0	0	–	–
NOV	93·0	21·0	8	16	15	4	0	2	10	1	0	0	0	0	–
DEC	129·0	30·0	17	12	12	5	2	–	–	–	0	0	0	0	–
J/Y	663·7	69·0	–	–	–	21	6	–	–	–	–	0	–	–	–

301/657 MUDEN

ø 28°57'S λ 30°22'E H 640M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	20·0	–	–	4·5	28·1	16·0	22·1	–	36·0	4	7·5	14	20·0	13	20·0	29
FEB	20·4	–	–	4·5	29·6	16·5	23·1	–	36·5	5	13·0	22	–	–	–	–
MAR	19·4	–	–	3·8	29·0	15·8	22·4	–	37·0	28	11·5	13	–	–	–	–
APR	17·6	–	–	2·3	28·6	14·8	21·7	–	35·5	4	10·0	23	15·0	22	18·0	3
MAY	11·1	–	–	1·5	22·8	8·2	15·5	–	29·0	7	3·0	6	–	–	–	–
JUN	8·4	–	–	0·3	21·8	6·2	14·0	–	28·0	2	3·5	11	15·0	3	12·0	9
JUL	9·0	–	–	1·4	21·7	6·0	13·9	–	24·5	24	1·5	21	13·0	17	–	–
AUG	10·3	–	–	1·4	23·5	6·6	15·1	–	30·5	30	1·5	31	16·0	31	9·0	28
SEP	14·9	–	–	1·6	27·3	8·1	17·7	–	35·0	28	1·0	1	–	–	11·0	12
OCT	18·6	–	–	2·5	27·9	12·4	20·1	–	38·5	17	7·0	6	–	–	–	–
NOV	19·1	–	–	5·0	26·6	14·5	20·5	–	37·5	27	8·0	4	–	–	–	–
DEC	(20·9)	–	–	(3·6)	(28·7)	(16·2)	(22·5)	–	35·0	15	13·0	8	–	–	–	–
J/Y	(15·8)	–	–	(2·7)	(26·3)	(11·8)	(19·1)	–	38·5	–	1·0	–	–	–	–	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	≥10	RAIN ≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <−2·5	<0·0	<5	TNX TEMP >20
JAN	144·0	65·0	23	9	–	–	1	–	–	0	0	0	0	0	–
FEB	217·5	–	–	8	–	–	–	1	–	–	0	0	0	0	–
MAR	14·0	5·5	5	8	4	0	0	–	–	0	0	0	0	0	–
APR	38·7	23·0	28	4	3	2	0	2	–	–	0	0	0	0	0
MAY	71·5	–	–	7	–	–	–	0	0	–	0	0	0	2	0
JUN	0·0	0·0	–	0	0	0	0	0	0	–	0	0	0	–	0
JUL	5·0	4·5	17	2	1	0	0	0	0	–	0	0	0	–	0
AUG	3·0	2·0	31	3	1	0	0	0	1	–	0	0	0	–	0
SEP	2·0	2·0	13	1	1	0	0	0	–	–	0	0	0	–	0
OCT	83·2	23·0	19	9	8	3	0	–	–	–	–	0	0	0	–
NOV	22·1	7·0	28	9	7	0	0	1	10	–	0	0	0	0	–
DEC	63·0	42·0	10	7	7	1	1	0	–	–	–	0	0	0	–
J/Y	664·0	–	–	67	–	–	–	–	–	–	–	0	0	–	–

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROEBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEM RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
Rx MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

303/680 VUMA FARM AGRIC NAF

ø 28°50' S X 31°23' E H 518M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	21·0	18·5	78	4·1	26·7	17·2	21·9	-	38·0	4	11·5	14	19·4	12	22·5	28
FEB	21·0	19·0	82	3·9	27·5	17·4	22·5	-	36·5	5	13·4	23	19·5	20	20·0	16
MAR	20·9	19·0	83	3·5	28·1	16·6	22·3	-	39·0	28	13·0	19	16·5	18	20·4	5
APR	19·6	-	-	3·9	28·1	15·4	21·7	-	37·4	7	12·0	9	16·0	22	18·5	14
MAY	17·1	-	-	3·2	24·0	12·7	18·3	-	30·0	30	10·1	23	14·4	16	16·4	11
JUN	15·1	-	-	1·3	23·7	11·5	17·6	-	29·0	21	8·4	26	16·0	3	15·0	21
JUL	15·4	-	-	1·9	22·8	11·1	16·9	-	27·3	7	7·0	21	18·0	17	14·0	14
AUG	16·3	-	-	2·8	23·2	10·9	17·1	-	33·0	30	6·4	31	12·4	31	-	-
SEP	17·1	-	-	2·8	23·8	12·0	17·9	-	35·0	21	6·4	1	13·0	1	16·0	8
OCT	18·2	-	-	4·9	24·0	14·4	19·2	-	34·0	29	8·0	7	12·4	19	19·2	29
NOV	19·3	-	-	5·4	23·9	15·2	19·5	-	31·4	5	9·3	4	-	-	-	-
DEC	19·6	-	-	5·0	26·0	16·7	21·3	-	38·0	16	12·4	3	-	-	-	-
J/Y	18·4	-	-	3·6	25·1	14·3	19·7	-	39·0	-	6·4	-	-	-	-	-

1959	R MM	Rx IN 24H MM	D	≥0·1	REEN ≥1·0	≥10	RAIN ≥25	>35	MAX >30	<17·5	TEMP <10	<-2·5	MIN <0·0	<5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	119·2	25·0	29	14	14	6	1	1	10	0	0	0	0	0	2
FEB	89·0	32·0	16	8	8	2	2	1	5	0	0	0	0	0	0
MAR	19·0	9·0	10	4	4	0	0	1	12	1	0	0	0	0	2
APR	45·5	15·5	29	6	6	1	0	1	10	1	0	0	0	0	0
MAY	73·0	19·5	4	7	7	4	0	0	0	2	0	0	0	0	0
JUN	0·0	0·0	-	0	0	0	0	0	0	1	0	0	0	0	0
JUL	0·0	0·0	-	0	0	0	0	0	0	0	0	0	0	0	0
AUG	79·5	62·5	31	5	5	1	1	0	-	-	0	0	0	0	0
SEP	53·5	42·5	12	4	4	1	1	0	3	5	0	0	0	0	0
OCT	114·8	40·8	19	9	9	4	1	0	5	3	0	0	0	0	0
NOV	88·7	47·5	7	6	5	3	1	0	2	-	-	0	0	0	-
DEC	109·2	48·1	17	9	9	4	1	-	-	-	-	0	0	0	-
J/Y	791·4	62·5	-	72	71	26	8	-	-	-	-	0	0	0	-

303/833A ESHOWE MUN

ø 28°53' S λ 31°28' E H 532M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	-	-	-	3·0	(25·4)	(15·2)	(20·3)	-	-	-	10·0	14	18·5	12	20·0	28
FEB	-	-	-	-	26·5	17·3	21·9	-	35·0	5	14·0	22	19·0	20	20·5	6
MAR	-	-	-	-	27·1	16·4	21·7	-	37·5	28	13·0	13	17·0	18	20·5	5
APR	-	-	-	-	26·8	15·6	21·2	-	35·0	7	12·0	9	16·0	22	19·0	11
MAY	-	-	-	-	23·0	12·3	17·7	-	30·5	30	9·0	23	13·5	16	17·0	31
JUN	-	-	-	-	22·6	10·9	16·7	-	27·0	14	7·0	10	16·5	3	14·0	1
JUL	-	-	-	-	22·1	11·2	16·7	-	27·5	7	7·7	24	17·5	5	16·0	8
AUG	-	-	-	-	22·3	11·2	16·7	-	32·2	29	7·6	20	11·6	31	16·5	30
SEP	-	-	-	-	23·0	11·6	17·3	-	34·6	21	6·8	1	13·2	1	16·2	30
OCT	-	-	-	-	23·1	14·4	18·7	-	33·3	29	7·0	7	13·2	19	19·0	29
NOV	-	-	-	-	23·3	15·0	19·1	-	30·8	5	10·0	3	14·0	1	19·3	13
DEC	-	-	-	-	25·4	16·1	20·7	-	37·5	16	12·9	3	15·8	18	20·4	22
J/Y	-	-	-	-	(24·2)	(13·9)	(19·1)	-	-	-	6·8	-	11·6	-	20·5	-

1959	R MM	Rx IN 24H MM	D	≥0·1	REEN ≥1·0	≥10	RAIN ≥25	>35	MAX >30	<17·5	TEMP <10	<-2·5	MIN <0·0	<5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	(193·5)	-	-	-	-	-	-	-	-	0	0	0	0	0	0
FEB	176·4	65·5	7	11	10	3	2	0	4	0	0	0	0	0	1
MAR	28·6	13·0	10	7	5	1	0	1	6	1	0	0	0	0	1
APR	49·6	13·0	29	8	7	1	0	0	6	1	0	0	0	0	0
MAY	103·0	32·0	3	8	8	4	2	0	1	3	0	0	0	0	0
JUN	1·0	1·0	8	1	1	0	0	0	0	1	0	0	0	0	0
JUL	1·5	1·5	4	1	1	0	0	0	0	0	0	0	0	0	0
AUG	100·5	60·5	31	6	4	3	2	0	2	6	0	0	0	0	0
SEP	57·5	22·0	12	5	5	3	0	0	2	5	0	0	0	0	0
OCT	144·3	58·5	19	13	13	5	1	0	3	7	0	0	0	0	0
NOV	86·5	27·5	8	10	10	3	1	0	1	4	0	0	0	0	0
DEC	135·3	66·0	17	-	-	-	1	1	8	2	0	0	0	0	1
J/Y	(1077·7)	-	-	-	-	-	-	-	-	30	0	0	0	0	3

329/ 1 WHITES

ø 28°01' S λ 27°01' E H1402M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	19·2	14·6	60	2·9	28·9	13·7	21·3	-	34·1	22	5·0	14	21·9	13	19·4	20
FEB	20·0	16·0	66	2·5	29·7	14·8	22·3	-	34·2	27	11·7	22	-	-	-	-
MAR	17·3	14·3	72	2·5	28·3	12·1	20·2	-	32·6	28	3·9	19	20·0	18	16·6	6
APR	14·6	11·5	69	1·5	25·5	9·8	17·7	-	31·2	3	1·9	9	11·0	30	14·0	15
MAY	7·1	5·9	84	2·0	-	3·9	-	-	-	-	-0·9	26	-	-	12·0	12
JUN	4·3	2·8	78	0·9	18·8	1·0	9·9	-	23·4	2	-4·9	25	14·0	24	-	-
JUL	5·1	3·6	79	2·0	17·4	2·1	9·7	-	22·4	12	-1·4	15	9·3	17	-	-
AUG	5·9	2·7	57	0·2	19·9	0·5	10·2	-	25·9	29	-4·0	18	-	-	-	-
SEP	12·7	7·6	48	1·2	25·1	5·2	15·1	-	31·7	29	-5·1	1	-	-	16·3	30
OCT	16·8	11·7	54	2·6	26·5	10·5	18·5	-	34·6	17	-2·1	6	-	-	-	-
NOV	18·9	14·9	62	2·2	27·8	12·9	20·3	-	35·3	27	6·4	2	20·4	2	-	-
DEC	19·6	15·7	66	3·1	(28·2)	14·2	(21·2)	-	33·5	15	8·1	5	-	-	-	-
J/Y	13·5	10·1	66	2·0	-	8·4	-	-	35·3	-	-5·1	-	-	-	-	-

1959	R MM	Rx IN 24H MM	D	≥0·1	REEN ≥1·0	≥10	RAIN ≥25	>35	MAX >30	<17·5	TEMP <10	<-2·5	MIN <0·0	<5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	56·6	19·5	25	10	8	2	0	0	-	0	0	0	0	0	0
FEB	41·4	-	-	4	-	-	-	0	-	-	-	0	0	0	0
MAR	29·1	15·0	7	7	4	1	0	0	-	0	0	0	0	1	0
APR	104·2	44·6	29	7	7	3	2	0	2	-	0	0	0	3	0
MAY	53·8	-	-	-	-	-	0	-	-	-	-	0	-	-	0
JUN	2·2	2·2	7	1	1	0	0	0	0	-	0	-	-	-	0
JUL	37·0	18·5	16	4	4	2	0	0	0	-	-	0	-	-	0
AUG	0·0	0·0	-	0	0	0	0	0	0	-	-	-	-	-	0
SEP	2·5	2·5	13	1	1	0	0	0	-	-	-	-	-	-	0
OCT	54·6	24·3	20	9	5	2	0	0	-	-	-	0	-	-	-
NOV	47·0	19·2	17	7	7	1	0	1	-	0	0	0	0	0	-
DEC	74·9	17·0	6	10	9	3	0	0	-	-	-	0	0	0	-
J/Y	503·3	-	-	-	-	-	-	-	-	-	-	-	-	-	-

KLIMAATTABELLE / CLIMATOLOGICAL TABLES
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

339/732 CHARTERS CREEK

ø 28°12'S λ 32°25'E H 9M HT 1·2M HR 1·2M

1959	OB T °C	OB T' °C	OB U %	OB N 0-8	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	24·6	22·1	79	–	28·8	20·0	24·4	–	34·7	4	14·5	15	25·0	12	24·0	28
FEB	25·0	23·2	85	–	29·5	19·7	24·6	–	32·5	7	14·1	22	26·5	22	23·5	16
MAR	23·7	–	–	–	28·8	19·3	24·1	–	32·0	5	14·8	23	22·6	10	23·4	30
APR	22·3	20·1	81	–	28·7	18·3	23·5	–	33·5	25	13·7	27	–	–	21·6	13
MAY	18·5	16·4	80	–	25·5	13·9	19·7	–	29·7	7	8·6	2	17·9	16	19·6	11
JUN	15·5	14·2	86	–	23·9	11·8	17·9	–	26·0	1	7·0	20	20·6	3	17·1	3
JUL	15·5	14·4	88	–	23·6	11·4	17·5	–	28·3	3	7·8	24	17·7	4	15·1	15
AUG	16·4	14·7	82	–	24·2	12·0	18·1	–	29·9	29	6·4	2	18·3	31	16·5	28
SEP	18·4	16·2	79	–	24·4	13·9	19·1	–	33·1	21	7·5	15	15·9	13	19·0	29
OCT	21·2	19·0	80	–	25·1	16·9	21·0	–	35·2	30	10·2	7	18·4	19	21·0	17
NOV	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
DEC	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
J/Y	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	52·0	23·0	28	7	6	2	0	0	9	0	0	0	0	0	18
FEB	29·3	9·5	16	–	–	–	–	0	14	0	0	0	0	0	14
MAR	(47·4)	–	–	6	6	–	1	0	9	0	0	0	0	0	–
APR	16·4	11·2	13	2	2	0	0	0	4	–	–	0	0	0	–
MAY	82·3	30·5	16	6	5	3	2	0	0	0	0	0	0	0	0
JUN	0·1	0·1	24	1	0	0	0	0	0	0	0	0	0	0	0
JUL	19·1	–	–	4	–	–	–	0	0	0	0	0	0	0	0
AUG	54·8	27·2	31	4	3	2	1	0	0	0	0	0	0	0	0
SEP	37·0	27·0	13	6	5	1	1	0	1	2	0	0	0	0	0
OCT	98·6	41·3	19	12	9	3	1	1	1	0	0	0	0	0	7
NOV	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
DEC	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
J/Y	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

356/857 SISHEN ISCOR

ø 27°47'S λ 22°59'E H1204M HT 1·2M HR 1·2M

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

1959	OB T °C	OB T' °C	OB U %	OB N 0-8	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	–	–	–	–	31·6	16·0	23·8	–	35·5	11	6·8	13	25·5	12	21·5	4
FEB	–	–	–	–	31·0	16·6	23·8	–	35·0	27	13·5	17	18·2	14	22·7	4
MAR	–	–	–	–	29·8	13·8	21·8	–	34·0	26	5·0	19	20·0	18	19·0	7
APR	–	–	–	–	26·5	9·6	18·1	–	31·5	14	2·0	9	11·5	30	17·0	3
MAY	–	–	–	–	18·9	4·2	11·5	–	24·0	9	0·0	26	10·5	15	9·5	12
JUN	–	–	–	–	20·5	2·7	11·6	–	24·3	5	-4·5	25	12·0	24	11·0	7
JUL	–	–	–	–	19·6	2·0	10·8	–	22·5	11	-4·5	19	9·0	17	9·0	8
AUG	–	–	–	–	21·2	2·6	11·9	–	28·5	29	-3·0	6	12·3	16	9·5	15
SEP	–	–	–	–	26·8	6·1	16·5	–	33·7	27	-1·0	2	16·8	13	16·0	30
OCT	–	–	–	–	28·5	11·1	19·8	–	36·0	16	-0·5	6	15·9	4	18·5	17
NOV	–	–	–	–	31·7	15·3	23·5	–	36·5	27	8·0	3	23·0	1	22·7	30
DEC	–	–	–	–	31·0	16·7	23·9	–	35·5	31	11·3	4	–	–	–	–
J/Y	–	–	–	–	26·4	9·7	18·1	–	36·5	–	-4·5	–	9·0	–	–	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	36·4	22·2	1	3	3	2	0	2	23	0	0	0	0	0	3
FEB	96·4	–	–	11	–	–	–	0	19	0	0	0	0	0	1
MAR	18·1	8·5	1	5	4	0	0	0	16	0	0	0	0	0	0
APR	46·4	35·5	28	4	4	1	1	0	5	3	0	0	0	3	0
MAY	52·7	26·3	12	4	2	2	2	0	0	9	0	0	0	19	0
JUN	1·4	1·4	7	1	1	0	0	0	0	3	0	1	4	24	0
JUL	0·0	0·0	–	0	0	0	0	0	0	6	1	3	8	26	0
AUG	0·0	0·0	–	0	0	0	0	0	0	8	0	1	7	26	0
SEP	0·0	0·0	–	0	0	0	0	0	6	1	0	0	1	12	0
OCT	10·5	7·0	8	2	2	0	0	4	14	1	0	0	1	3	0
NOV	11·3	–	–	–	–	–	–	3	21	0	0	0	0	0	2
DEC	131·8	80·0	3	7	6	2	2	1	21	–	–	0	0	0	–
J/Y	405·0	–	–	–	–	–	–	10	125	–	–	5	21	113	–

365/398A KROONSTAD LANDBOU/AGRIC

ø 27°38'S λ 27°14'E H 1427M HT 1·2M HR 1·2M

1959	OB T °C	OB T' °C	OB U %	OB N 0-8	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	18·8	15·0	67	3·4	29·0	14·0	21·5	–	34·1	22	5·0	14	22·3	24	18·5	20
FEB	19·5	16·0	70	2·5	28·8	15·0	21·9	–	34·0	27	11·5	22	21·0	15	17·5	28
MAR	17·6	14·1	68	3·0	28·2	13·2	20·7	–	33·0	24	4·2	19	20·2	18	17·0	2
APR	14·6	11·4	68	2·3	25·7	10·2	17·9	–	30·6	3	0·6	9	11·6	30	13·4	22
MAY	8·1	6·2	76	2·4	18·2	4·3	11·3	–	25·2	7	-0·6	23	9·2	16	12·2	11
JUN	5·7	3·8	74	1·2	18·9	1·7	10·3	–	23·5	2	-3·4	25	12·6	9	8·5	8
JUL	6·4	4·2	71	1·7	17·5	2·4	9·9	–	21·5	12	-1·7	16	9·4	17	6·6	14
AUG	7·6	3·8	52	0·8	19·8	1·5	10·7	–	25·8	29	-1·6	6	12·1	16	6·4	15
SEP	13·4	8·2	48	1·0	24·8	7·1	15·9	–	31·7	29	-2·5	1	8·7	13	17·8	30
OCT	17·0	11·6	51	1·5	24·9	11·3	18·1	–	32·7	17	-1·0	5	13·5	5	19·8	17
NOV	18·6	14·7	65	3·1	27·3	15·0	20·1	–	35·4	28	8·5	2	19·9	2	17·4	30
DEC	19·4	15·7	68	3·5	27·8	14·7	21·3	–	33·5	16	8·2	5	20·6	31	19·5	16
J/Y	13·9	10·4	65	2·2	24·2	9·0	16·6	–	35·4	–	-3·4	–	8·7	–	19·8	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	75·3	25·0	31	10	8	2	1	0	13	0	0	0	0	0	0
FEB	33·0	15·5	15	5	4	1	0	0	11	0	0	0	0	0	0
MAR	26·4	12·0	17	6	4	1	0	0	8	0	0	0	0	1	0
APR	68·7	30·0	29	9	6	3	1	0	2	2	0	0	0	3	0
MAY	46·0	20·0	12	8	7	1	0	0	0	11	1	0	3	20	
JUN	6·4	5·5	7	2	1	0	0	0	0	5	0	1	9	26	0
JUL	18·5	8·7	13	3	3	0	0	0	0	8	1	0	3	25	0
AUG	0·0	0·0	–	0	0	0	0	0	0	6	0	0	10	29	0
SEP	10·5	10·5	13	1	1	1	0	0	1	2	1	0	2	10	0
OCT	52·0	35·0	21	4	4	1	1	0	5	4	0	0	2	3	0
NOV	36·0	16·0	11	4	4	2	0	1	6	0	0	0	0	0	0
DEC	82·0	22·0	6	9	9	3	0	0	10	0	0	0	0	0	0
J/Y	454·8	35·0	–	61	51	15	3	1	56	38	3	1	29	117	0

KLIMAATTABELLE / CLIMATOLOGICAL TABLES
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROEBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOC
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

406/682 VOLKSRUST

ø 27°22'S λ 29°53'E H 1652M HT 1·2M HR 1·2M

1959	T °C	TL °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	16·4	-	-	5·0	25·2	12·1	18·7	0·2	30·0	22	4·0	14	18·0	25	15·0	29
FEB	16·5	14·9	84	4·7	25·9	11·8	18·9	1·1	30·5	26	6·0	22	19·0	21	16·0	15
MAR	14·8	13·1	82	3·3	24·9	9·8	17·3	0·6	31·0	29	4·5	23	19·0	12	14·2	9
APR	13·2	11·2	78	2·2	23·5	8·3	15·9	2·2	28·5	3	2·0	17	12·0	30	12·2	4
MAY	8·3	5·5	65	2·5	17·9	4·0	10·9	0·4	25·0	10	-1·8	2	9·8	4	11·5	12
JUN	4·0	1·8	68	1·2	18·4	-0·4	9·0	1·4	22·5	21	-5·0	20	12·5	8	6·2	6
JUL	3·9	2·2	75	2·0	16·4	-0·9	7·7	0·4	28·0	12	-5·0	31	10·0	18	5·5	14
AUG	4·8	2·3	65	1·6	18·2	-1·1	8·5	-1·7	24·0	30	-5·5	20	7·5	31	5·1	29
SEP	10·5	7·0	60	1·4	21·4	5·0	13·2	-0·7	28·5	28	-4·0	3	5·0	13	10·0	30
OCT	14·3	-	-	2·8	23·2	8·7	15·9	-0·1	32·0	17	-2·0	6	12·0	19	17·4	2
NOV	14·6	12·3	76	4·3	(21·7)	9·8	(15·7)	(-1·0)	-	-	4·0	3	-	-	14·5	27
DEC	16·0	13·8	78	5·7	-	11·8	-	-	-	-	8·0	3	-	-	15·2	15
J/Y	11·4	-	-	3·1	-	6·6	-	-	-	-	-5·5	-	5·0	-	17·4	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	76·0	36·0	5	7	7	2	1	0	0	0	0	0	0	1	0
FEB	80·5	24·5	2	5	5	4	0	0	1	0	0	0	0	0	0
MAR	45·0	15·5	5	5	5	1	0	0	1	0	0	0	0	1	0
APR	57·6	36·5	22	6	4	2	1	0	0	4	0	0	0	5	0
MAY	51·2	20·0	17	9	6	2	0	0	0	11	1	0	1	21	0
JUN	0·0	0·0	-	0	0	0	0	0	0	11	0	11	16	29	0
JUL	5·0	5·0	17	1	1	0	0	0	0	21	0	11	23	29	0
AUG	16·0	16·0	31	1	1	1	0	0	0	9	1	7	19	30	0
SEP	30·0	15·0	13	2	2	2	0	0	0	6	2	2	4	13	0
OCT	101·2	47·0	19	10	10	2	1	0	3	5	0	0	1	7	0
NOV	181·1	67·0	8	14	13	5	2	-	-	-	-	0	0	1	0
DEC	100·5	49·0	17	13	13	2	1	-	-	-	-	0	0	0	0
J/Y	742·1	67·0	-	73	67	23	6	-	-	-	-	31	64	137	0

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

408/598 WELVERDIEND PAULPIETERSBURG

ø 27°28'S λ 30°50'E H 1140M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	19·2	16·6	77	4·7	25·4	14·8	20·1	-	32·0	27	6·0	14	16·0	13	18·2	23
FEB	17·6	16·3	87	5·7	26·1	14·6	20·3	-	32·5	5	10·5	23	19·4	21	18·0	20
MAR	18·3	16·1	80	2·6	26·1	14·0	20·1	-	33·7	29	9·3	23	15·5	10	17·4	6
APR	16·9	14·4	76	3·6	25·9	13·2	19·5	-	32·6	3	8·2	18	17·0	22	17·6	25
MAY	12·9	9·5	64	1·6	22·6	8·6	15·6	-	29·3	11	3·3	26	10·7	16	14·6	12
JUN	10·1	7·7	72	1·0	21·9	6·9	14·4	-	26·8	21	3·2	11	16·5	25	14·4	3
JUL	9·6	7·2	70	1·8	20·8	7·0	13·9	-	25·1	13	4·6	18	15·0	5	11·6	14
AUG	12·1	8·5	61	1·5	21·8	6·9	14·3	-	28·4	29	3·3	18	11·5	31	16·5	30
SEP	15·2	11·1	60	2·2	23·7	8·9	16·3	-	32·5	28	2·2	2	8·6	13	14·5	30
OCT	16·9	13·9	70	3·8	24·4	12·0	18·2	-	35·6	16	3·3	6	13·0	20	17·5	31
NOV	16·5	14·7	82	5·2	23·2	13·0	18·1	-	33·7	27	8·0	3	10·5	2	17·2	27
DEC	19·1	16·7	78	4·1	25·3	14·9	20·1	-	33·7	17	10·8	3	16·4	18	19·2	16
J/Y	15·4	12·7	73	3·1	23·9	11·2	17·5	-	35·6	-	2·2	-	8·6	-	19·2	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	82·3	16·5	1	17	14	2	0	0	6	1	0	0	0	0	0
FEB	74·6	17·5	18	14	12	3	0	0	2	0	0	0	0	0	0
MAR	69·6	21·8	9	8	8	3	0	0	4	1	0	0	0	0	0
APR	25·2	12·0	28	3	3	1	0	0	3	1	0	0	0	0	0
MAY	76·0	27·0	16	5	5	3	1	0	0	3	0	0	0	5	0
JUN	0·6	0·6	7	1	0	0	0	0	0	2	0	0	0	4	0
JUL	3·0	3·0	17	1	1	0	0	0	0	-	0	0	0	3	0
AUG	23·5	19·0	31	2	2	1	0	0	0	4	0	0	0	5	0
SEP	67·3	32·0	13	5	5	2	2	0	3	5	1	0	0	3	0
OCT	96·8	47·5	19	11	9	3	1	2	5	4	0	0	0	2	0
NOV	154·6	39·1	14	15	12	3	2	0	1	2	0	0	0	0	0
DEC	141·9	56·5	17	16	11	4	1	0	3	2	0	0	0	0	0
J/Y	815·4	56·5	-	98	82	25	7	2	27	-	1	0	0	22	0

409/337 GOEDGEGUN SWAZ

ø 27°07'S λ 31°12'E H 1035M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	19·6	17·2	78	5·5	25·1	15·6	20·3	-	32·5	28	7·2	14	16·4	13	20·2	27
FEB	19·1	16·9	80	5·7	26·1	15·6	20·9	-	33·2	5	9·8	22	19·3	21	18·6	15
MAR	17·9	16·2	84	5·1	25·7	14·3	20·0	-	34·3	29	9·0	24	16·4	10	17·8	9
APR	17·7	14·9	73	4·5	26·0	13·6	19·8	-	32·0	4	9·2	27	18·6	26	17·2	14
MAY	13·6	10·5	67	2·1	23·0	8·7	15·9	-	30·3	7	2·3	26	12·8	16	14·5	13
JUN	11·8	8·3	61	1·6	22·1	6·7	14·4	-	27·8	21	2·8	11	17·8	10	12·8	3
JUL	11·4	8·6	68	3·0	20·3	6·8	13·7	-	26·8	22	3·3	20	13·3	9	11·4	14
AUG	12·3	9·0	64	2·2	22·0	6·9	14·5	-	30·6	30	3·0	20	12·0	31	14·5	30
SEP	14·4	11·1	66	3·5	23·5	8·4	15·9	-	31·8	28	4·0	2	10·2	13	14·2	30
OCT	17·3	14·2	71	4·7	24·2	12·1	18·1	-	35·0	16	5·0	5	13·0	19	17·5	30
NOV	16·6	15·0	84	6·5	22·7	13·1	17·9	-	34·2	27	8·2	3	12·5	2	16·4	13
DEC	18·9	16·8	81	5·8	24·7	14·0	19·3	-	34·0	17	10·0	2	16·2	18	20·2	17
J/Y	15·9	13·2	73	4·2	23·8	11·3	17·5	-	35·0	-	2·3	-	10·2	-	20·2	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	125·8	43·5	12	14	13	3	1	0	5	1	0	0	0	0	1
FEB	124·4	40·0	8	11	6	4	2	0	3	0	0	0	0	0	0
MAR	68·7	34·5	9	9	7	2	1	0	6	1	0	0	0	0	0
APR	7·0	7·0	29	1	1	0	0	0	6	0	0	0	0	0	0
MAY	64·0	22·0	17	5	5	3	0	0	1	5	0	0	0	3	0
JUN	0·0	0·0	-	0	0	0	0	0	0	0	0	0	0	8	0
JUL	0·2	0·2	9	1	0	0	0	0	0	4	0	0	0	8	0
AUG	14·8	8·5	31	3	3	0	0	0	1	6	0	0	0	5	0
SEP	65·0	-	-	2	-	-	-	0	4	3	0	0	0	2	0
OCT	86·5	35·0	19	7	7	3	1	0	4	3	0	0	0	0	0
NOV	114·7	61·2	15	8	8	3	1	0	1	2	0	0	0	0	0
DEC	163·7	71·0	18	13	13	5	1	0	3	2	0	0	0	0	1
J/Y	834·5	71·0	-	74	-	-	-	0	34	27	0	0	0	26	2

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

410/709 GOLELA SWAZ

Ø 27°19' S λ 31°54' E H 135M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	23·9	20·6	81	4·9	31·0	19·8	25·4	-	40·0	28	12·6	15	23·8	29	23·4	27
FEB	24·1	21·0	74	4·4	31·9	20·3	26·1	-	37·4	5	14·0	22	25·6	20	24·5	6
MAR	23·6	20·4	73	4·4	31·9	19·1	25·5	-	36·8	29	14·8	19	23·0	10	23·0	8
APR	22·7	19·1	71	3·4	(31·6)	(18·3)	(24·9)	-	39·2	25	12·6	27	25·0	22	22·0	5
MAY	16·3	14·5	81	3·0	28·0	-	-	-	37·0	8	-	-	19·1	16	-	-
JUN	13·0	11·7	85	2·1	26·0	-	-	-	30·0	8	-	-	22·0	3	-	-
JUL	13·8	12·2	82	-	25·9	-	-	-	30·0	13	-	-	19·1	9	-	-
AUG	15·5	13·0	73	2·2	26·7	-	-	-	33·5	30	-	-	16·6	31	-	-
SEP	(15·9)	(13·3)	(73)	2·3	27·5	-	-	-	34·7	21	-	-	14·5	13	-	-
OCT	20·9	-	-	5·5	29·4	17·6	23·5	-	38·5	16	9·4	6	18·2	20	22·4	18
NOV	21·6	18·5	73	6·8	28·6	18·6	23·6	-	39·8	27	13·8	3	18·8	2	21·6	18
DEC	23·4	20·2	73	5·7	31·1	20·2	25·7	-	41·5	17	16·4	3	20·6	18	25·5	17
J/Y	(19·6)	-	-	-	(29·1)	-	-	-	41·5	-	-	-	14·5	-	-	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	TEMP <5	>20
JAN	96·5	38·5	1	10	9	2	1	4	17	0	0	0	0	0	15
FEB	43·5	14·0	18	7	6	2	0	4	19	0	0	0	0	0	14
MAR	25·5	10·0	9	6	6	1	0	6	23	0	0	0	0	0	10
APR	3·0	3·0	14	1	1	0	0	-	-	0	0	0	0	0	-
MAY	73·4	46·0	17	4	4	2	1	1	7	0	0	-	-	-	-
JUN	0·0	0·0	-	0	0	0	0	0	0	0	0	-	-	-	-
JUL	5·2	5·2	17	1	1	0	0	0	0	0	0	-	-	-	-
AUG	14·5	12·5	31	3	2	1	0	0	5	1	0	-	-	-	-
SEP	50·5	45·0	13	2	2	1	1	0	-	-	0	-	-	-	-
OCT	67·3	33·0	19	9	8	1	1	5	15	0	0	0	0	0	5
NOV	99·0	64·5	14	8	8	2	1	1	11	0	0	0	0	0	9
DEC	64·3	24·0	17	10	7	2	0	7	19	0	0	0	0	0	15
J/Y	542·7	64·5	-	61	54	14	5	-	-	-	0	-	-	-	-

434/153 BARBERSPAN

Ø 26°33' S λ 25°36' E H 1350M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	(19·9)	(15·2)	(60)	-	29·3	14·1	21·7	-	34·6	18	6·1	15	22·0	13	18·0	10
FEB	-	-	-	-	29·9	15·5	22·7	-	35·3	27	11·8	16	21·5	15	16·5	12
MAR	(19·3)	-	-	-	28·5	13·6	21·1	-	-	-	6·0	19	19·8	18	-	-
APR	-	-	-	-	26·8	9·7	18·3	-	30·5	3	2·0	30	13·0	30	14·0	3
MAY	(8·9)	(7·0)	(76)	(1·2)	20·1	3·7	11·9	-	26·9	10	-1·5	23	8·8	16	13·1	12
JUN	-	-	-	-	20·3	1·2	10·7	-	24·5	7	-5·7	25	13·5	9	9·8	8
JUL	-	-	-	-	19·1	1·9	10·5	-	22·7	12	-1·6	16	10·5	17	9·0	28
AUG	6·7	3·1	52	0·0	20·9	2·8	11·9	-	27·3	29	-3·6	6	13·1	16	3·5	29
SEP	(13·4)	(8·0)	(45)	1·0	26·1	5·3	15·7	-	32·0	29	-5·1	2	13·9	13	14·8	29
OCT	19·4	14·3	57	2·9	28·6	10·8	19·7	-	35·6	17	-3·0	6	15·6	5	18·3	27
NOV	20·8	-	-	2·3	29·1	13·6	21·3	-	35·3	28	7·1	1	23·7	17	19·6	29
DEC	21·8	16·6	59	3·1	29·0	15·0	22·0	-	35·3	15	9·6	5	-	-	-	-
J/Y	-	-	-	-	25·6	8·9	17·3	-	-	-	-5·7	-	8·8	-	-	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	TEMP <5	>20
JAN	88·0	27·0	23	7	7	4	1	0	13	0	0	0	0	0	0
FEB	(64·3)	-	-	-	-	-	-	0	14	0	0	0	0	0	0
MAR	(35·1)	-	-	-	-	-	-	0	10	0	0	0	0	0	0
APR	29·2	14·5	28	6	6	1	0	0	4	1	0	0	0	3	0
MAY	22·7	12·0	12	5	4	1	0	0	0	7	1	0	3	23	0
JUN	4·0	4·0	7	1	1	0	0	0	0	4	0	1	12	25	0
JUL	13·5	8·0	13	2	2	0	0	0	0	6	0	0	10	25	0
AUG	0·0	0·0	-	0	0	0	0	0	0	5	0	2	12	31	0
SEP	0·0	0·0	-	0	0	0	0	0	5	2	0	2	5	14	0
OCT	39·2	20·0	20	5	5	2	0	3	15	1	0	1	2	5	0
NOV	92·4	27·0	13	10	10	3	1	2	11	0	0	0	0	0	0
DEC	77·6	23·5	1	13	10	2	0	-	-	-	-	0	0	0	-
J/Y	(466·0)	-	-	-	-	-	-	-	-	-	-	6	44	126	-

438/550 VANDERBYL PARK ISCOR

Ø 26°40' S λ 27°49' E H 1496M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	18·6	15·3	70	3·3	27·6	14·3	20·9	-	31·8	22	7·8	13	21·2	24	17·8	20
FEB	19·0	15·9	73	2·3	28·0	14·7	21·3	-	32·8	27	10·9	22	20·8	15	17·8	28
MAR	17·3	14·0	70	3·1	27·6	13·6	20·6	-	31·8	30	8·5	19	20·5	18	17·3	5
APR	15·1	11·9	68	2·0	25·3	10·9	18·1	-	30·6	3	4·0	9	12·9	30	14·6	3
MAY	8·4	-	-	2·5	19·4	4·9	12·1	-	25·9	10	-0·7	17	9·6	17	13·2	11
JUN	5·1	-	-	0·9	19·6	3·1	11·3	-	24·2	1	-0·3	22	13·1	9	9·9	3
JUL	5·2	-	-	1·7	18·3	2·9	10·6	-	21·6	12	-0·7	15	9·7	18	7·8	14
AUG	6·9	-	-	0·6	20·3	2·8	11·5	-	25·2	28	-1·2	18	13·5	16	9·3	30
SEP	13·1	-	-	0·9	24·7	8·1	16·4	-	30·3	29	-0·7	2	10·8	13	14·3	30
OCT	16·7	11·7	54	2·5	26·7	12·5	19·6	-	33·6	18	4·7	6	14·6	5	19·4	17
NOV	18·2	14·5	67	2·9	26·8	13·3	20·1	-	33·1	27	8·5	4	18·4	3	17·1	30
DEC	19·6	16·7	74	3·2	26·8	14·9	20·9	-	32·8	16	11·9	25	18·1	6	18·7	16
J/Y	13·6	-	-	2·2	24·3	9·7	17·0	-	33·6	-	-1·2	-	9·6	-	19·4	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	TEMP <5	>20
JAN	117·3	29·2	6	13	12	4	1	0	7	0	0	0	0	0	0
FEB	60·0	33·0	15	6	5	2	1	0	5	0	0	0	0	0	0
MAR	28·1	19·1	6	5	4	1	0	0	6	0	0	0	0	0	0
APR	56·1	19·8	29	9	7	1	0	0	1	2	0	0	0	2	0
MAY	46·2	15·2	12	7	6	2	0	0	0	10	1	0	3	17	0
JUN	3·3	2·8	8	2	1	0	0	0	0	4	0	0	2	23	0
JUL	12·2	10·2	17	2	2	1	0	0	0	8	1	0	1	25	0
AUG	0·0	0·0	-	0	0	0	0	0	0	4	0	0	3	28	0
SEP	8·9	8·9	13	1	1	0	0	0	1	3	0	0	1	6	0
OCT	120·9	48·8	19	9	8	4	2	0	9	2	0	0	0	1	0
NOV	115·4	20·8	14	11	10	6	0	0	4	0	0	0	0	0	0
DEC	138·3	32·3	30	14	11	5	3	0	6	0	0	0	0	0	0
J/Y	706·7	48·8	-	79	67	26	7	0	39	33	2	0	10	102	0

KLIMAATTABELLE / CLIMATOLOGICAL TABLES
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROEBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

438/731 VEREENIGING RWB — ø 26°41'S λ 27°55'E H 1440M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	18·6	15·5	72	4·2	27·0	14·5	20·7	−1·0	31·5	22	6·9	15	21·1	13	18·0	28
FEB	18·7	15·9	75	2·6	27·4	14·5	20·9	−0·2	31·9	27	10·5	22	20·6	15	17·2	28
MAR	16·7	14·2	76	3·4	27·3	12·7	20·0	0·6	32·0	30	7·9	19	20·5	18	17·4	10
APR	14·3	11·9	75	2·3	25·3	10·0	17·7	1·5	30·2	3	2·6	9	13·5	30	12·8	23
MAY	7·1	5·7	81	2·5	19·3	3·8	11·5	−0·8	25·3	10	−1·5	26	10·0	17	12·5	12
JUN	3·7	2·5	82	1·1	19·4	1·2	10·3	1·4	24·0	1	−2·2	22	12·9	9	9·1	4
JUL	4·0	3·0	85	1·8	17·5	1·4	9·5	0·6	20·5	12	−2·7	15	10·0	19	8·0	14
AUG	5·0	2·6	66	0·8	20·2	0·9	10·5	−1·8	25·3	29	−2·6	18	13·2	16	7·5	30
SEP	12·4	8·2	56	1·3	24·5	6·9	15·7	−0·3	30·5	29	−2·8	3	10·4	13	14·8	30
OCT	16·8	11·6	54	2·5	26·7	11·3	19·0	−0·4	33·0	16	−2·4	6	14·2	5	19·6	17
NOV	18·4	14·7	67	3·3	26·5	13·0	19·7	−0·6	33·0	27	8·6	3	17·2	3	17·5	27
DEC	18·8	15·8	73	3·9	26·4	14·6	20·5	−0·6	31·5	15	9·6	5	17·6	6	18·0	17
J/Y	12·9	10·1	72	2·5	24·0	8·7	16·3	−0·2	33·0	–	−2·8	–	10·0	–	19·6	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH: REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <−2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
JAN	138·5	38·5	6	15	13	4	2	0	4	0	0	0	0	0	0
FEB	70·7	25·5	6	7	5	2	1	0	4	0	0	0	0	0	0
MAR	29·4	15·6	6	6	5	1	0	0	4	0	0	0	0	0	0
APR	49·8	10·9	29	10	7	2	0	0	1	2	0	0	0	1	0
MAY	42·8	15·5	12	7	6	2	0	0	0	11	0	0	6	23	0
JUN	5·0	3·9	8	3	1	0	0	0	0	3	0	0	15	26	0
JUL	10·5	9·8	17	2	1	0	0	0	0	8	0	1	11	28	0
AUG	0·0	0·0	–	0	0	0	0	0	0	4	0	1	9	29	0
SEP	11·8	11·5	13	3	1	1	0	0	1	3	0	2	3	8	0
OCT	114·5	76·0	19	9	7	2	1	0	10	2	0	0	1	4	0
NOV	96·4	31·0	14	12	9	4	1	0	3	1	0	0	0	0	0
DEC	152·4	40·0	30	16	12	5	1	0	5	0	0	0	0	0	0
J/Y	721·8	76·0	–	90	67	23	6	0	32	34	0	4	45	119	0

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

444/126 ATHOLE LANDBOU/AGRIC — ø 26°36'S λ 30°35'E H 1619M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	16·3	–	–	4·8	23·6	12·9	18·5	−0·4	27·8	1	5·0	14	17·1	7	16·0	20
FEB	15·8	–	–	4·1	24·0	12·8	18·4	0·2	29·0	26	6·0	22	13·7	21	16·0	20
MAR	14·9	–	–	3·7	23·2	11·5	17·3	0·2	28·7	29	6·6	24	13·5	10	15·4	9
APR	13·1	–	–	4·1	(22·1)	9·9	(16·0)	(1·1)	–	–	4·9	30	14·6	26	13·5	4
MAY	9·1	–	–	2·2	19·5	5·1	12·3	−0·2	26·0	10	−0·5	26	9·6	18	11·6	12
JUN	7·5	–	–	0·8	19·3	3·8	11·5	1·8	23·1	1	−0·1	29	11·6	25	7·2	4
JUL	6·5	–	–	3·1	17·0	3·2	10·1	0·3	21·4	13	0·0	19	10·3	18	7·0	14
AUG	8·3	–	–	1·3	19·2	3·0	11·1	−1·2	26·4	30	0·0	20	11·8	17	5·8	30
SEP	11·7	–	–	2·7	22·1	5·8	13·9	−0·9	28·7	28	−2·3	2	7·2	13	12·0	29
OCT	14·3	–	–	4·0	23·6	9·8	16·7	0·0	32·0	17	1·6	6	11·4	20	17·0	18
NOV	14·3	–	–	5·3	22·5	10·7	16·6	−1·0	29·1	27	5·2	3	10·0	2	15·3	27
DEC	15·7	–	–	5·7	23·2	12·4	17·8	−0·7	29·1	15	8·5	3	13·1	19	17·5	16
J/Y	12·3	–	–	3·5	(21·6)	8·4	(15·0)	(−0·1)	–	–	−2·3	–	7·2	–	17·5	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH: REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <−2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
JAN	110·2	26·0	23	15	14	3	1	0	0	2	0	0	0	0	0
FEB	82·4	31·5	1	7	7	3	1	0	0	1	0	0	0	0	0
MAR	81·1	25·0	9	10	8	4	1	0	0	4	0	0	0	0	0
APR	14·6	10·7	29	4	3	1	0	0	–	–	0	0	0	1	0
MAY	90·2	51·1	18	5	5	2	2	0	0	9	1	0	2	19	0
JUN	0·0	0·0	–	0	0	0	0	0	0	7	0	0	1	20	0
JUL	2·0	2·0	17	1	1	0	0	0	0	17	0	0	0	23	0
AUG	2·3	1·3	31	2	2	0	0	0	0	10	0	0	0	27	0
SEP	53·1	41·5	13	3	2	2	1	0	0	4	1	0	3	10	0
OCT	67·4	21·8	18	12	8	3	0	0	3	5	0	0	0	3	0
NOV	139·6	32·7	17	16	14	5	2	0	0	3	0	0	0	0	0
DEC	141·6	43·0	17	16	12	4	2	0	0	3	0	0	0	0	0
J/Y	784·5	51·1	–	91	76	27	10	0	–	–	2	0	6	103	0

445/569 HLATIKULU SWAZ — ø 26°59'S λ 31°19'E H 1186M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	17·0	–	–	4·9	22·2	14·5	18·3	−0·4	29·6	26	7·2	14	15·1	13	19·4	28
FEB	(16·9)	–	–	(5·2)	23·1	14·9	19·0	0·2	28·6	5	10·4	23	17·9	10	20·6	7
MAR	16·6	–	–	4·9	22·9	14·1	18·5	0·6	29·9	29	9·4	19	15·0	10	18·4	4
APR	15·9	13·7	78	3·5	22·6	13·5	18·1	1·3	31·4	8	8·9	30	16·6	26	17·6	4
MAY	13·3	9·2	58	1·8	20·2	11·0	15·6	0·5	26·8	8	6·6	26	11·0	16	16·4	31
JUN	12·9	8·4	53	1·3	(19·2)	(9·7)	(14·5)	(1·5)	23·9	21	5·9	11	–	–	12·6	3
JUL	11·1	7·9	64	2·8	18·0	9·2	13·6	1·1	22·9	22	4·9	18	–	–	14·0	13
AUG	11·3	–	–	1·8	(18·4)	(9·1)	(13·7)	(−0·4)	–	–	–	–	–	–	–	–
SEP	12·8	–	–	3·6	20·2	9·7	14·9	−0·4	28·6	9	3·3	1	8·6	13	–	–
OCT	14·9	–	–	4·5	20·8	12·5	16·7	0·2	30·0	16	5·4	6	10·9	20	18·5	30
NOV	14·7	–	–	6·2	20·3	12·2	16·3	−0·9	30·1	27	6·4	3	10·2	2	–	–
DEC	16·5	–	–	5·4	22·0	14·1	18·1	−0·2	30·5	17	5·5	3	14·6	19	21·1	17
J/Y	(14·5)	–	–	(5·8)	(20·8)	(12·1)	(16·5)	(0·3)	31·4	–	–	–	–	–	–	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH: REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <−2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
JAN	125·0	32·0	12	19	15	3	1	0	0	3	0	0	0	0	0
FEB	110·5	27·0	8	12	12	4	1	0	0	0	0	0	0	0	1
MAR	95·5	36·5	9	11	10	3	1	0	0	2	0	0	0	0	0
APR	23·3	22·5	29	3	1	1	0	0	1	2	0	0	0	0	0
MAY	66·1	20·0	17	8	5	3	0	0	0	7	0	0	0	0	0
JUN	1·0	1·0	7	1	1	0	0	0	0	–	–	0	0	0	0
JUL	7·0	5·5	17	2	2	0	0	0	0	–	0	0	0	1	0
AUG	11·5	5·0	31	5	4	0	0	–	–	–	–	–	–	–	–
SEP	69·4	47·0	13	6	6	2	1	0	0	–	–	0	0	–	–
OCT	107·8	39·0	19	14	10	4	1	0	0	–	0	0	0	0	0
NOV	113·2	25·5	8	20	17	5	1	0	1	–	0	0	0	0	–
DEC	193·2	55·0	17	22	19	6	3	0	1	7	0	0	0	0	1
J/Y	923·5	55·0	–	123	102	31	9	–	–	–	–	–	–	–	–

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPW GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

472/279 LICHTENBURG TRONK/GAOL

Ø 26°09'S λ 26°10'E H 1477M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	19·4	–	–	3·6	27·6	14·6	21·1	−0·5	32·1	21	6·7	15	18·7	24	17·6	28
FEB	18·5	–	–	3·1	27·7	15·3	21·5	0·4	33·6	27	11·6	16	19·5	15	18·2	7
MAR	17·3	–	–	4·2	27·1	13·6	20·3	0·7	31·1	29	4·4	19	–	–	–	–
APR	14·9	–	–	3·1	24·8	11·7	18·3	1·8	30·0	5	2·4	30	12·0	30	15·0	7
MAY	7·5	5·7	77	2·3	19·1	4·4	11·7	−1·2	25·0	10	−0·7	25	8·3	17	14·5	11
JUN	5·8	3·8	73	1·5	19·9	3·0	11·5	1·5	23·4	6	−1·7	25	14·0	9	11·7	3
JUL	5·9	4·3	78	2·5	18·1	3·6	10·9	0·9	21·2	25	−0·7	20	9·6	17	10·2	13
AUG	5·2	–	–	0·4	20·1	2·2	11·1	−2·0	25·4	28	−3·4	7	13·4	16	9·0	29
SEP	12·1	7·6	52	1·4	24·6	7·6	16·1	−0·3	30·0	26	−1·6	4	13·6	13	18·4	29
OCT	16·7	11·6	53	3·0	27·0	12·4	19·7	0·3	33·2	18	−1·7	6	16·6	5	20·2	17
NOV	18·4	14·1	62	3·7	27·8	14·3	21·1	0·8	34·4	29	6·6	2	19·5	19	19·6	28
DEC	19·4	15·8	69	4·1	27·1	15·5	21·3	0·0	32·7	15	10·2	5	19·0	3	22·2	16
J/Y	13·4	–	–	2·7	24·2	9·9	17·1	0·2	34·4	–	−3·4	–	8·3	–	–	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <−2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
JAN	83·2	26·5	28	6	6	4	1	0	7	0	0	0	0	0	0
FEB	51·4	23·6	15	5	5	2	0	0	5	0	0	0	0	0	0
MAR	7·5	4·0	8	2	2	0	0	0	–	0	0	0	0	1	–
APR	83·6	19·0	23	7	7	5	0	0	0	1	0	0	0	2	0
MAY	19·4	9·8	12	2	2	0	0	0	0	8	1	0	3	20	0
JUN	2·8	2·8	7	1	1	0	0	0	0	4	0	0	6	22	0
JUL	11·0	8·5	13	2	2	0	0	0	0	9	1	0	5	18	0
AUG	0·0	0·0	–	0	0	0	0	0	0	3	0	2	7	26	0
SEP	0·0	0·0	–	0	0	0	0	0	0	2	0	0	3	11	0
OCT	14·0	12·0	20	2	2	1	0	0	11	2	0	0	2	3	1
NOV	63·5	27·0	16	4	4	3	1	0	6	0	0	0	0	0	0
DEC	96·5	37·0	1	7	7	3	2	0	6	0	0	0	0	0	1
J/Y	432·9	37·0	–	38	38	18	4	0	–	29	2	2	26	102	–

475/456 KRUGERSDORP PARK

Ø 26°06'S λ 27°46'E H 1699M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	17·2	–	–	4·9	25·0	12·7	18·9	−1·1	28·6	17	4·7	14	17·1	25	16·9	28
FEB	17·9	–	–	3·1	25·3	13·5	19·4	0·1	29·7	26	10·6	22	17·8	15	15·7	7
MAR	16·5	–	–	3·3	24·7	12·0	18·3	0·4	28·9	29	6·5	19	17·8	10	16·2	6
APR	13·1	–	–	3·5	22·6	9·6	16·1	1·0	27·7	5	3·0	30	13·0	30	12·4	6
MAY	7·2	–	–	2·4	17·6	4·0	10·8	−1·3	22·9	10	−0·8	2	8·7	17	11·5	11
JUN	6·7	–	–	0·9	18·4	3·4	10·9	1·7	23·0	6	0·7	27	13·0	9	8·9	4
JUL	6·3	–	–	2·5	16·5	3·0	9·7	0·8	19·1	13	0·3	15	8·7	17	7·4	17
AUG	7·4	–	–	3·0	19·0	2·5	10·7	−1·0	24·4	30	−0·6	20	12·0	31	5·3	5
SEP	12·9	–	–	1·4	22·9	6·7	14·8	−0·1	29·4	26	−2·6	2	13·8	13	13·3	30
OCT	16·4	–	–	2·7	24·9	10·6	17·7	−0·4	32·2	17	−0·5	5	15·5	5	17·2	17
NOV	16·8	–	–	3·6	24·8	11·6	18·2	−0·5	31·5	27	7·3	4	15·2	3	15·4	28
DEC	17·5	–	–	5·2	24·7	13·4	19·1	−0·5	30·5	15	8·9	5	14·7	6	17·4	17
J/Y	13·0	–	–	3·0	22·2	8·6	15·4	−0·1	32·2	–	−2·6	–	8·7	–	17·4	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <−2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
JAN	211·2	49·0	10	17	15	9	2	0	0	1	0	0	0	1	0
FEB	162·5	80·1	3	9	5	3	2	0	0	0	0	0	0	0	0
MAR	46·8	18·4	6	8	5	2	0	0	0	0	0	0	0	0	0
APR	83·9	23·5	29	8	8	4	0	0	0	3	0	0	0	2	0
MAY	33·8	9·9	11	7	7	0	0	0	0	12	1	0	3	22	0
JUN	3·5	2·9	8	2	1	0	0	0	0	11	0	0	0	24	0
JUL	18·4	16·1	17	2	1	1	0	0	0	22	2	0	0	25	0
AUG	0·0	0·0	–	0	0	0	0	0	0	8	0	0	4	28	0
SEP	3·5	3·5	13	1	1	0	0	0	0	4	0	1	1	7	0
OCT	89·2	30·5	22	13	7	3	2	0	3	2	0	0	1	3	0
NOV	132·7	26·0	2	15	12	4	1	0	1	1	0	0	0	0	0
DEC	102·5	23·5	21	16	13	4	0	0	2	1	0	0	0	0	0
J/Y	888·0	80·1	–	98	75	30	7	0	6	65	3	1	9	112	0

475/528 ZUURBEKOM RWB

Ø 26°18'S λ 27°48'E H 1578M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	18·1	14·9	71	4·3	23·6	12·6	19·1	−1·1	29·6	21	4·5	15	19·3	25	16·8	28
FEB	18·3	15·4	74	2·4	26·1	12·9	19·5	0·1	30·5	27	9·0	22	19·0	15	16·2	10
MAR	16·6	14·0	74	3·5	25·8	10·6	18·2	0·4	30·0	29	4·4	25	20·0	10	16·1	8
APR	13·3	11·3	79	2·6	24·1	7·4	15·7	1·4	28·7	5	−1·5	9	13·0	30	11·7	29
MAY	6·8	5·2	79	2·3	19·0	1·3	10·1	−0·4	24·4	9	−5·2	28	9·4	17	11·8	11
JUN	3·1	1·7	78	0·8	19·5	−1·9	8·8	1·6	23·3	1	−6·5	22	13·5	9	8·9	4
JUL	3·5	2·3	82	2·4	17·6	−0·7	8·5	1·4	20·0	21	−5·0	30	10·0	17	7·0	14
AUG	5·3	2·4	60	0·8	19·8	−1·0	9·4	−0·9	26·0	30	−4·6	4	13·0	31	2·7	30
SEP	12·8	7·7	48	1·4	23·9	5·2	14·5	0·3	29·5	29	−5·2	2	12·5	13	13·8	30
OCT	16·7	11·4	51	2·5	25·7	10·2	17·9	−0·1	33·0	17	−1·0	6	14·8	5	17·0	17
NOV	17·8	13·9	65	3·2	25·5	12·2	18·9	0·1	31·5	27	7·5	3	15·0	3	16·0	30
DEC	18·5	15·4	72	4·3	25·1	13·5	19·3	−0·5	30·8	15	9·4	5	15·7	6	17·5	17
J/Y	12·6	9·6	69	2·5	23·1	6·9	15·0	0·2	33·0	–	−6·5	–	9·4	–	17·5	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <−2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
JAN	175·7	40·2	10	20	15	8	2	0	0	0	0	0	0	1	0
FEB	81·3	31·2	15	14	7	2	1	0	1	0	0	0	0	0	0
MAR	22·0	7·3	6	9	6	0	0	0	0	0	0	0	0	1	0
APR	40·4	15·0	29	10	7	2	0	0	0	2	0	0	1	7	0
MAY	29·2	6·6	11	9	6	0	0	0	0	9	1	6	15	25	0
JUN	1·6	1·0	8	2	1	0	0	0	0	5	0	17	23	27	0
JUL	10·2	9·0	17	4	2	0	0	0	0	11	0	8	21	30	0
AUG	0·0	0·0	–	0	0	0	0	0	0	5	0	7	23	31	0
SEP	1·8	1·2	13	3	1	0	0	0	0	4	0	1	3	14	0
OCT	82·6	27·1	19	16	8	3	1	0	6	2	0	0	1	4	0
NOV	128·8	35·5	2	15	13	4	2	0	2	1	0	0	0	0	0
DEC	92·4	20·4	31	17	10	4	0	0	1	1	0	0	0	0	0
J/Y	666·0	40	–	119	76	23	6	0	10	40	1	39	87	140	0

KLIMAATTABELLE / CLIMATOLOGICAL TABLES
STASIES VAN DIE DERDE ORDE — THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROEBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

476/103 CITY DEEP JHB/GM

ø 26°13'S λ 28°04'E H1707M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	17·7	15·1	76	-	25·7	13·3	19·5	-	28·9	22	6·6	14	20·1	24	17·9	28
FEB	18·5	15·4	72	-	26·7	14·4	20·5	-	30·4	26	12·4	13	-	-	-	-
MAR	16·5	13·5	71	-	25·6	12·7	19·1	-	30·3	29	7·1	19	-	-	-	-
APR	14·4	11·9	74	-	22·8	10·6	16·7	-	29·3	5	3·2	30	12·8	30	14·0	22
MAY	8·8	6·8	75	-	18·4	5·2	11·8	-	23·9	10	0·3	2	-	-	-	-
JUN	7·4	5·2	72	-	18·9	4·7	11·8	-	23·3	6	0·6	25	-	-	-	-
JUL	6·8	4·9	75	-	16·6	4·0	10·3	-	20·1	23	0·1	30	-	-	-	-
AUG	7·6	4·1	56	-	19·8	3·6	11·7	-	25·6	29	-1·1	18	11·7	31	8·4	29
SEP	13·2	8·2	49	-	23·8	8·7	16·3	-	29·8	29	-0·4	2	-	-	-	-
OCT	16·2	11·0	51	-	25·5	11·6	18·5	-	32·8	16	1·0	5	-	-	-	-
NOV	17·1	13·8	69	-	24·7	12·6	18·7	-	31·5	27	7·5	3	-	-	-	-
DEC	17·6	14·9	75	-	24·9	13·7	19·3	-	29·7	15	10·0	5	-	-	-	-
J/Y	13·5	10·4	68	-	22·8	9·6	16·2	-	32·8	-	-1·1	-	-	-	-	-

1959	NEERSLAG / PRECIP R mm	RX mm	I 24H mm	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	64·6		17	25	11	10	1	0	0	0	0	0	0	0	0	0
FEB	79·5		40	15	8	6	2	1	0	-	-	0	0	0	0	0
MAR	39·8		22	6	8	6	1	0	0	-	0	0	0	0	0	0
APR	56·8		27	29	5	4	2	1	0	0	-	0	0	0	-	0
MAY	25·4		8·6	11	7	5	0	0	0	0	-	-	0	0	-	0
JUN	5·1		4·6	8	2	1	0	0	0	0	-	-	0	0	-	0
JUL	12·8		11·7	17	3	1	1	0	0	0	-	-	0	0	-	0
AUG	0·0		0·0	-	0	0	0	0	0	0	-	0	0	3	-	0
SEP	9·7		9·7	13	1	1	0	0	0	0	-	-	0	-	-	-
OCT	38·9		18·8	19	7	6	1	0	0	-	-	0	0	0	-	0
NOV	114·6		41·9	2	11	9	3	2	0	-	-	-	0	0	0	-
DEC	150·9		40·9	17	12	11	7	1	0	0	-	0	0	0	0.	-
J/Y	598·1		41·9	-	75	60	18	5	0	-	-	-	0	-	-	-

476/111 ZWARTKOPJES RWB

ø 26°21'S λ 28°04'E H 1514M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	18·2	15·3	73	3·9	26·3	12·9	19·6	-	30·4	21	5·4	15	19·6	25	16·4	4
FEB	18·1	15·5	76	2·1	26·8	13·0	19·9	-	30·5	27	8·5	25	20·0	15	16·9	15
MAR	15·2	-	-	3·3	26·5	10·7	18·6	-	30·2	29	5·5	25	19·7	10	16·2	10
APR	12·8	11·0	80	2·5	24·2	8·1	16·1	-	28·9	5	-0·5	9	13·8	30	12·5	24
MAY	5·9	4·6	82	2·3	19·0	2·0	10·5	-	25·0	11	-3·2	23	10·5	17	11·8	13
JUN	3·0	1·8	81	1·0	19·5	-0·2	9·7	-	23·5	2	-4·5	22	12·2	11	8·9	4
JUL	2·4	-	-	1·4	17·9	-1·0	8·5	-	21·0	25	-4·8	30	10·9	17	7·1	14
AUG	3·5	1·3	65	0·7	20·1	-1·2	9·5	-	26·0	30	-3·8	20	13·2	31	3·7	30
SEP	12·6	8·3	55	1·1	24·3	5·6	14·9	-	30·2	29	-5·4	1	14·0	13	13·2	30
OCT	16·6	-	-	1·9	26·2	10·6	18·4	-	34·0	17	1·3	5	15·3	5	17·5	18
NOV	18·1	14·5	67	3·0	25·7	12·7	19·2	-	32·2	27	8·4	5	15·6	3	17·9	27
DEC	18·8	15·6	72	4·0	25·9	14·2	20·1	-	31·5	16	10·9	28	16·5	6	17·3	16
J/Y	12·1	-	-	2·3	23·5	7·3	15·4	-	34·0	-	-5·4	-	10·5	-	17·9	-

1959	NEERSLAG / PRECIP R mm	RX mm	IN 24H mm	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	89·0		27·0	9	13	8	3	1	0	1	0	0	0	0	0	0
FEB	65·0		25·5	15	9	7	3	1	0	2	0	0	0	0	0	0
MAR	30·1		20·8	6	6	4	1	0	0	2	0	0	0	0	0	0
APR	53·0		24·0	29	7	6	2	0	0	0	2	0	0	1	3	0
MAY	20·9		6·2	12	7	6	0	0	0	0	11	0	3	9	26	0
JUN	2·6		1·8	9	2	1	0	0	0	0	3	0	8	21	27	0
JUL	8·2		7·0	17	3	1	0	0	0	0	9	0	7	21	30	0
AUG	0·0		0·0	-	0	0	0	0	0	0	3	0	9	24	31	0
SEP	8·9		8·5	13	2	1	0	0	0	1	3	0	3	4	12	0
OCT	79·1		33·5	19	10	8	2	1	0	7	1	0	0	0	4	0
NOV	94·2		17·2	17	14	11	5	0	0	-	-	0	0	0	0	0
DEC	103·1		16·5	31	13	12	3	0	0	2	1	0	0	0.	0	0
J/Y	564·1		33·5	-	86	65	19	3	0	-	-	0	30	80	133	0

483/ 53 MPISI SWAZ AGRIC

ø 26°23'S λ 31°32'E H 425M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	22·9	-	-	5·2	29·9	19·6	24·7	-	38·5	20	14·0	15	21·5	13	22·5	9
FEB	23·2	-	-	4·8	30·5	18·6	24·5	-	35·5	6	12·0	22	25·0	20	22·5	7
MAR	21·2	-	-	5·6	29·5	16·6	23·1	-	34·5	4	12·0	14	21·5	10	21·0	8
APR	20·6	-	-	4·1	30·2	14·9	22·5	-	35·2	25	8·2	21	21·0	26	-	-
MAY	15·0	-	-	1·8	27·1	8·2	17·7	-	36·0	8	5·0	7	20·0	16	16·5	13
JUN	11·0	-	-	1·1	24·7	-	-	-	30·0	24	-	-	21·0	3	-	-
JUL	12·0	-	-	2·3	23·9	-	-	-	28·5	12	-	-	16·0	9	-	-
AUG	13·4	-	-	2·0	25·8	-	-	-	36·0	30	-	-	15·5	17	-	-
SEP	16·5	-	-	3·9	26·5	-	-	-	35·5	9	-	-	14·0	13	-	-
OCT	19·6	-	-	3·5	28·1	15·4	21·7	-	37·0	30	7·5	8	17·0	20	20·5	31
NOV	20·6	-	-	6·5	28·5	16·4	22·5	-	36·5	27	9·2	5	16·0	3	20·0	16
DEC	22·0	-	-	5·9	29·3	17·9	23·6	-	39·5	17	13·6	8	19·5	18	22·0	22
J/Y	18·2	-	-	4·1	27·8	-	-	-	39·5	-	-	-	14·0	-	22·5	-

1959	NEERSLAG / PRECIP R mm	RX mm	IN 24H mm	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	98·7		60·0	1	13	8	2	1	4	14	0	0	0	0	0	16
FEB	79·6		20·5	15	11	7	4	0	1	14	0	0	0	0	0	9
MAR	42·0		11·0	8	8	6	1	0	0	14	0	0	0	0	0	3
APR	2·9		1·2	14	4	2	0	0	1	18	0	0	0	0	0	-
MAY	79·3		70·0	17	3	3	1	1	1	8	0	0	0	0	0	0
JUN	1·2		1·2	18	1	1	0	0	0	0	0	0	-	-	-	-
JUL	14·4		13·5	9	4	1	1	0	0	0	1	0	-	-	-	-
AUG	0·6		0·5	31	2	0	0	0	1	5	1	0	-	-	-	-
SEP	18·5		17·9	13	3	1	1	0	1	7	2	0	-	-	-	-
OCT	34·7		8·0	3	11	8	0	0	3	12	1	0	0	0	0	2
NOV	53·1		28·0	30	11	9	1	1	1	14	2	0	0	0	0	0
DEC	90·0		29·0	9	14	8	3	2	5	14	0	0	0	0	0	3
J/Y	515·0		70·0	-	85	54	14	5	18	120	7	0	-	-	-	-

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

483/ 64 BALEGANE SWAZ ø 26°04'S λ 31°33'E H 335M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	21·5	-	-	-	30·0	19·9	24·9	-0·2	39·1	20	16·4	14	22·1	13	23·4	29
FEB	21·2	-	-	-	30·9	19·1	25·0	-0·2	34·6	6	15·0	22	24·3	21	22·9	7
MAR	20·0	-	-	-	-	18·3	-	-	34·6	4	14·2	23	22·0	10	21·7	6
APR	18·6	-	-	-	-	16·6	-	-	-	-	10·4	21	-	-	20·4	16
MAY	12·9	-	-	-	-	10·0	-	-	-	-	6·5	28	-	-	18·1	13
JUN	9·3	-	-	-	25·8	6·7	16·3	0·2	30·1	24	3·1	21	22·4	25	12·8	4
JUL	10·6	-	-	-	24·5	8·0	16·3	0·4	29·1	7	2·7	22	17·2	9	13·6	5
AUG	11·2	-	-	-	26·1	7·8	16·9	-0·7	37·0	30	4·5	14	16·1	17	15·4	31
SEP	14·4	-	-	-	27·2	11·5	19·3	-0·5	37·0	9	3·6	2	15·4	13	17·6	22
OCT	19·4	-	-	-	28·7	16·7	22·7	0·8	37·5	16	8·4	8	18·0	20	23·2	31
NOV	19·8	-	-	-	28·9	17·9	23·4	0·0	37·5	27	11·9	5	18·2	2	21·1	28
DEC	21·3	-	-	-	29·9	18·9	24·4	-0·2	41·2	17	14·8	8	21·2	18	22·1	16
J/Y	16·7	-	-	-	-	14·3	-	-	-	-	2·7	-	-	-	23·4	-

1959	R MM	Rx IN 24H MM	D	REEN ≥1·0	REEN ≥10	RAIN ≥25	MAX >35	MAX >30	TEMP <17·5	TEMP <10	MIN <-2·5	MIN <0·0	TEMP <5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH										
JAN	172·7	54·0	6	13	11	4	4	14	0	0	0	0	0	18
FEB	138·7	68·0	15	6	5	4	2	-	0	0	0	0	0	-
MAR	47·2	21·0	8	7	5	2	0	-	0	0	0	0	0	-
APR	6·4	6·0	13	4	1	0	0	-	-	-	0	0	0	3
MAY	62·2	32·0	17	6	4	2	1	-	-	-	0	0	0	0
JUN	4·5	4·5	18	1	1	0	0	0	1	0	0	0	7	0
JUL	44·9	37·0	8	4	2	1	1	0	0	1	0	0	2	0
AUG	0·8	0·3	30	4	0	0	0	1	5	1	0	0	3	0
SEP	47·2	45·0	13	4	2	1	1	-	-	2	0	0	0	1
OCT	29·9	11·0	20	9	5	1	0	4	13	0	0	0	0	2
NOV	40·2	21·0	16	11	8	1	0	1	-	0	0	0	0	-
DEC	81·0	18·0	18	15	12	2	0	6	-	0	0	0	0	-
J/Y	675·7	68·0	-	84	56	18	9	-	-	-	-	0	0	-

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
Rx MAXIMUM RAINFALL
GPW GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

511/855A BUFFELSPOORT LANDBOU/AGRIC ø 25°45'S λ 27°29'E H 1230M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	20·7	17·4	72	3·8	29·1	15·5	22·3	-0·9	33·1	17	7·5	15	21·3	7	18·5	29
FEB	20·9	17·7	73	2·6	30·4	15·8	23·1	0·4	34·0	28	11·9	22	22·2	15	19·1	28
MAR	19·5	16·2	71	2·9	29·6	14·2	21·9	0·5	34·4	5	10·7	24	21·5	10	18·7	6
APR	17·0	14·2	74	2·6	27·6	11·2	19·4	0·5	32·6	5	5·4	9	17·3	29	14·4	15
MAY	11·0	8·7	74	2·0	21·9	5·6	13·7	-1·2	28·4	10	0·4	24	15·0	16	13·2	11
JUN	9·4	7·2	74	0·7	22·6	4·2	13·4	1·1	26·5	6	0·5	14	18·3	9	10·3	4
JUL	9·2	7·2	75	2·1	20·9	4·1	12·5	0·2	23·6	12	0·7	24	12·0	17	10·7	29
AUG	10·8	7·1	59	0·6	23·5	2·9	13·2	-1·8	29·3	30	-0·9	4	16·3	31	6·0	8
SEP	16·4	11·0	50	1·2	27·7	7·5	17·6	-0·9	34·0	26	-0·4	2	18·3	13	16·7	30
OCT	20·1	14·2	51	2·6	30·3	12·4	21·3	0·4	37·4	17	1·4	6	20·0	5	21·0	18
NOV	20·8	16·3	63	3·6	30·5	14·4	22·5	0·4	36·7	28	9·4	5	22·8	3	17·6	8
DEC	21·1	17·9	73	5·0	29·1	16·1	22·6	-0·5	35·5	16	12·0	3	19·3	6	18·9	13
J/Y	16·4	12·9	67	2·5	26·9	10·3	18·6	-0·1	37·4	-	-0·9	-	12·0	-	21·0	-

1959	R MM	Rx IN 24H MM	D	REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX >35	MAX >30	TEMP <17·5	TEMP <10	MIN <-2·5	MIN <0·0	TEMP <5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	141·5	22·5	19	18	15	6	0	0	15	0	0	0	0	0	0
FEB	27·5	18·5	15	5	4	1	0	0	18	0	0	0	0	0	0
MAR	29·7	11·5	11	6	5	1	0	0	-	0	0	0	0	0	0
APR	51·2	17·5	29	9	8	2	0	0	6	1	0	0	0	0	0
MAY	29·8	17·5	11	5	3	1	0	0	0	3	0	0	0	16	0
JUN	1·2	1·2	8	1	1	0	0	0	0	0	0	0	0	-	0
JUL	14·3	11·3	17	2	2	1	0	0	0	-	0	0	0	-	0
AUG	0·0	0·0	-	0	0	0	0	0	0	1	0	0	1	-	0
SEP	0·0	0·0	-	0	0	0	0	0	8	0	0	0	1	9	0
OCT	12·7	5·5	10	4	4	0	0	4	-	0	0	0	0	1	1
NOV	81·8	26·5	17	11	10	3	1	2	17	0	0	0	0	0	0
DEC	77·8	20·7	6	12	11	3	0	3	14	0	0	0	0	0	0
J/Y	467·5	26·5	-	73	63	18	1	9	-	-	0	0	1	-	1

512/365 LOSPERFONTEIN LANDBOU/AGRIC ø 25°35'S λ 27°43'E H 1160M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	20·6	17·9	77	4·4	29·3	16·5	22·9	-	33·5	17	8·5	15	21·5	7	21·4	28
FEB	20·7	17·8	75	3·4	30·7	17·4	24·1	-	34·4	27	13·5	17	22·6	15	20·0	15
MAR	19·8	16·2	69	2·8	30·3	15·6	22·9	-	34·5	5	11·2	21	20·6	10	20·4	6
APR	16·8	14·0	74	2·6	27·7	12·4	20·1	-	33·6	5	7·4	9	18·5	30	16·6	16
MAY	10·0	7·9	75	1·7	23·1	5·2	14·1	-	29·0	10	-0·2	27	15·0	17	16·0	11
JUN	8·7	5·9	65	0·6	23·0	3·3	13·1	-	26·8	2	-1·0	10	18·2	8	8·6	8
JUL	8·6	6·5	74	1·9	21·4	4·8	13·1	-	25·0	13	0·0	23	12·5	17	10·4	14
AUG	9·2	6·0	62	0·8	23·8	3·6	13·7	-	30·2	30	-1·0	7	19·4	17	8·8	9
SEP	15·7	10·9	54	1·0	27·9	8·3	18·1	-	34·0	29	-2·5	2	19·6	1	18·0	30
OCT	20·2	15·0	57	2·6	30·8	14·8	22·8	-	38·0	17	3·0	6	22·0	5	21·6	19
NOV	20·4	16·3	66	3·6	30·4	15·8	23·1	-	35·6	28	12·2	6	22·4	3	21·2	28
DEC	21·0	18·0	75	4·4	28·9	17·7	23·3	-	35·0	16	15·0	7	19·5	6	21·5	16
J/Y	16·0	12·7	69	2·5	27·3	11·3	19·3	-	38·0	-	-2·5	-	12·5	-	21·6	-

1959	R MM	Rx IN 24H MM	D	REEN ≥1·0	REEN ≥10	RAIN ≥25	MAX >35	MAX >30	TEMP <17·5	TEMP <10	MIN <-2·5	MIN <0·0	TEMP <5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH										
JAN	127·1	30·0	10	13	12	3	1	0	15	0	0	0	0	2
FEB	55·7	40·0	15	6	6	1	1	0	19	0	0	0	0	0
MAR	12·2	7·0	6	4	3	0	0	0	18	0	0	0	0	1
APR	95·5	29·0	13	8	8	5	1	0	6	0	0	0	0	0
MAY	28·0	19·0	11	3	3	1	0	0	0	3	0	0	2	18
JUN	0·0	0·0	-	0	0	0	0	0	0	0	0	0	6	17
JUL	11·5	9·0	17	2	2	0	0	0	0	2	0	0	0	16
AUG	0·0	0·0	-	0	0	0	0	0	1	0	0	0	1	20
SEP	3·5	3·5	12	1	1	0	0	0	9	0	0	0	2	5
OCT	29·5	9·0	21	6	6	0	0	3	19	0	0	0	0	2
NOV	101·0	25·5	9	15	15	4	1	3	16	0	0	0	0	1
DEC	177·5	32·5	17	12	12	7	2	0	15	0	0	0	0	2
J/Y	641·5	40·0	-	70	68	21	6	6	118	5	0	0	11	78	8

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROEBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

512/545 HARTEBEESTPOORT BRITS AGR ø 25°35' S λ 27°49' E H 1158M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	20·5	17·8	77	3·6	28·9	15·6	22·3	-1·7	32·5	18	7·6	14	22·0	7	18·8	2
FEB	20·6	17·9	77	2·1	29·8	16·1	22·9	-0·6	33·1	27	11·3	22	22·4	15	18·6	20
MAR	19·1	16·1	73	2·1	29·8	14·0	21·9	0·2	34·0	5	10·0	14	20·5	10	18·5	10
APR	16·3	13·7	74	2·5	27·9	11·4	19·7	1·0	33·6	5	6·6	9	18·7	30	15·0	29
MAY	8·5	7·0	81	1·5	23·0	4·6	13·8	-1·4	29·1	10	-1·5	24	16·0	17	13·9	12
JUN	5·8	4·1	77	0·9	23·0	2·4	12·7	1·0	27·0	1	-1·3	14	17·8	8	8·5	4
JUL	6·1	4·5	78	1·9	22·1	2·4	12·3	1·0	25·0	13	-1·0	24	12·5	17	6·0	9
AUG	6·9	3·9	61	0·6	24·4	1·9	13·1	-0·8	30·0	30	-3·0	7	18·0	31	6·0	31
SEP	15·0	9·8	50	0·9	27·8	7·3	17·5	-0·1	34·5	29	-3·0	3	20·0	13	16·0	30
OCT	20·0	14·1	51	2·0	30·9	13·3	22·1	0·9	38·5	17	3·6	6	22·5	5	20·6	19
NOV	20·7	16·7	66	3·3	29·6	14·7	22·1	-0·4	35·2	28	9·0	5	22·5	3	17·7	17
DEC	21·0	18·0	75	4·3	28·5	16·5	22·5	-1·1	34·4	16	14·0	8	19·6	6	19·0	1
J/Y	15·0	12·0	70	2·1	27·1	10·0	18·5	-0·2	38·5	-	-3·0	-	12·5	-	20·6	-

1959	R MM	RX IN 24H MM	D	REEN ≥1·0	REEN ≥10	RAIN ≥25	MAX >35	MAX >30	TEMP <17·5	TEMP <10	MIN <-2·5	MIN <0·0	TEMP <5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH										
JAN	131·5	59·0	24	11	11	4	1	0	12	0	0	0	0	0
FEB	61·5	34·5	15	5	5	2	1	0	12	0	0	0	0	0
MAR	22·0	16·5	6	3	3	1	0	0	15	0	0	0	0	0
APR	70·0	23·5	6	6	6	3	0	0	7	0	0	0	0	0
MAY	24·5	16·0	11	3	3	1	0	0	0	3	0	0	3	21
JUN	0·0	0·0	-	0	0	0	0	0	0	0	0	0	4	24
JUL	9·5	9·5	17	1	1	0	0	0	0	2	0	0	4	26
AUG	0·0	0·0	-	0	0	0	0	0	0	0	0	1	2	29
SEP	6·5	6·5	11	1	1	0	0	0	8	0	0	1	2	10
OCT	31·0	18·0	24	4	4	1	0	5	19	0	0	0	0	1
NOV	91·5	19·5	17	12	12	3	0	1	15	0	0	0	0	0
DEC	163·0	50·0	17	12	12	8	1	0	9	0	0	0	0	0
J/Y	611·0	59·0	-	58	58	23	3	6	97	5	0	2	15	111

513/165 PRETORIA CORUNDUM OBS ø 25°45' S λ 28°07' E H 1356M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	-	-	-	-	27·4	14·0	20·7	-	31·4	5	7·0	15	20·4	25	18·0	28
FEB	-	-	-	-	28·4	14·3	21·3	-	31·9	27	10·0	22	20·8	15	17·1	20
MAR	-	-	-	-	28·2	12·7	20·5	-	33·1	29	9·0	14	18·9	10	17·7	10
APR	-	-	-	-	26·6	10·5	18·5	-	32·0	5	6·5	30	17·4	29	14·0	6
MAY	-	-	-	-	21·7	3·6	12·7	-	27·7	10	-1·9	24	13·0	17	11·8	11
JUN	-	-	-	-	22·1	2·1	12·1	-	26·0	1	-0·4	14	16·8	8	5·5	5
JUL	-	-	-	-	20·2	2·1	11·1	-	23·7	13	-0·9	25	11·6	17	8·2	14
AUG	-	-	-	-	22·4	1·8	12·1	-	28·1	30	-0·5	7	14·9	31	4·5	9
SEP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OCT	-	-	-	-	28·8	12·0	20·4	-	35·5	17	3·0	6	19·3	5	18·5	19
NOV	-	-	-	-	28·0	13·3	20·7	-	34·2	28	8·0	4	19·1	3	16·5	17
DEC	-	-	-	-	27·4	15·1	21·3	-	33·2	16	12·3	7	19·5	6	19·8	17
J/Y	-	-	-	-	-	-	-	-	35·5	-	-	-	11·6	-	19·8	-

1959	R MM	RX IN 24H MM	D	REEN ≥1·0	REEN ≥10	RAIN ≥25	MAX >35	MAX >30	TEMP <17·5	TEMP <10	MIN <-2·5	MIN <0·0	TEMP <5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH										
JAN	171·5	83·0	25	15	12	3	2	0	4	0	0	0	0	0
FEB	41·5	24·5	15	7	4	2	0	0	6	0	0	0	0	0
MAR	38·4	35·0	6	3	3	1	1	0	11	0	0	0	0	0
APR	40·5	16·5	6	9	6	2	0	0	3	1	0	0	0	0
MAY	24·3	12·0	12	6	3	1	0	0	0	5	0	0	4	23
JUN	0·0	0·0	-	0	0	0	0	0	0	1	0	0	5	25
JUL	11·9	11·0	17	2	1	1	0	0	0	3	0	0	4	27
AUG	0·0	0·0	-	0	0	0	0	0	0	1	0	0	2	31
SEP	12·7	10·7	13	2	2	1	0	-	-	-	-	-	-	-
OCT	20·1	7·0	21	7	4	0	0	2	16	0	0	0	2	0
NOV	98·9	25·6	17	12	9	4	2	0	7	0	0	0	0	0
DEC	132·4	74·5	17	13	11	3	1	0	7	0	0	0	0	0
J/Y	592·2	83·0	-	76	55	18	6	-	-	-	-	-	-	-

513/284 PRETORIA MUN/PUR ø 25°44' S λ 28°10' E H1286M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	19·4	-	-	4·6	27·6	15·1	21·3	-0·5	31·4	18	8·0	14	19·4	25	18·5	29
FEB	19·0	-	-	3·3	28·3	15·0	21·7	0·2	31·4	27	10·6	22	20·9	15	19·0	15
MAR	17·0	-	-	2·1	27·9	13·1	20·5	0·5	32·4	5	9·2	25	18·9	10	18·5	10
APR	14·0	-	-	3·1	26·0	10·2	18·1	1·4	31·0	5	5·8	9	17·0	30	14·6	29
MAY	6·2	-	-	2·3	21·4	3·5	12·5	-0·2	26·8	10	-1·3	28	-	-	-	-
JUN	3·1	-	-	1·1	21·9	0·9	11·4	1·1	25·0	1	-1·6	15	16·4	8	4·7	26
JUL	4·3	-	-	2·1	20·1	1·6	10·9	1·0	22·9	13	-1·5	24	11·6	17	7·0	17
AUG	4·4	-	-	0·9	22·1	1·2	11·7	-1·0	27·6	30	-2·9	12	15·3	31	5·1	31
SEP	11·7	-	-	1·9	25·7	6·7	16·2	-0·4	31·6	29	-2·0	3	17·8	1	15·4	30
OCT	18·5	-	-	3·4	28·5	12·6	20·5	0·9	35·7	17	3·0	6	19·4	5	18·9	19
NOV	19·0	-	-	4·0	27·5	14·0	20·7	0·4	33·3	27	9·0	5	19·8	3	17·2	17
DEC	20·1	-	-	5·2	27·4	16·0	21·7	0·1	33·3	15	13·7	7	18·3	6	18·5	16
J/Y	13·1	-	-	2·8	25·4	9·2	17·3	0·4	35·7	-	-2·9	-	11·6	-	19·0	-

1959	R MM	RX IN 24H MM	D	REEN ≥1·0	REEN ≥10	RAIN ≥25	MAX >35	MAX >30	TEMP <17·5	TEMP <10	MIN <-2·5	MIN <0·0	TEMP <5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH										
JAN	175·8	97·8	25	13	12	2	2	0	6	0	0	0	0	0
FEB	46·6	22·8	15	8	6	2	0	0	4	0	0	0	0	0
MAR	36·7	32·5	6	6	3	1	1	0	6	0	0	0	0	0
APR	35·3	16·0	6	6	4	2	0	0	-	1	0	0	0	0
MAY	22·0	9·7	11	4	3	0	0	0	0	-	0	0	-	0
JUN	0·0	0·0	-	0	0	0	0	0	0	1	0	0	11	30
JUL	11·5	11·0	17	2	1	1	0	0	0	2	0	0	6	28
AUG	0·0	0·0	-	0	0	0	0	0	0	1	0	1	6	30
SEP	9·0	7·5	13	2	2	0	0	0	2	0	0	0	2	11
OCT	18·9	5·7	22	8	5	0	0	1	14	0	0	0	0	1
NOV	96·0	24·5	17	12	10	4	0	0	4	0	0	0	0	0
DEC	115·8	59·0	17	11	9	3	1	0	8	0	0	0	0	0
J/Y	567·6	97·8	-	72	55	15	4	1	-	-	0	1	-	-	0

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM (TX + TN) / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

513/309 ONDERSTEPOORT VET

ø 25°39' S λ 28°11' E H1219M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	20·7	17·7	74	3·8	28·4	14·5	21·5	-1·0	35·0	5	6·4	15	21·7	25	18·8	28
FEB	20·9	17·7	73	2·6	29·0	14·8	21·9	-0·3	33·4	27	10·1	22	22·1	15	19·0	15
MAR	20·1	16·5	69	2·5	29·3	12·8	21·1	0·3	34·1	29	9·0	14	20·5	10	18·6	10
APR	17·6	14·6	72	2·3	27·5	10·3	18·9	1·0	32·4	5	6·0	21	18·1	30	14·6	29
MAY	10·9	8·4	72	1·7	22·3	3·7	13·0	-0·9	28·5	10	-2·5	24	15·5	16	13·0	13
JUN	8·3	6·1	73	1·1	22·5	1·8	12·1	1·2	26·2	1	-2·0	14	16·8	8	7·7	8
JUL	8·4	6·3	74	2·0	20·7	2·2	11·5	0·6	24·1	12	-2·2	24	12·1	17	9·4	14
AUG	10·9	7·2	59	0·8	22·9	1·5	12·2	-1·3	28·7	30	-1·4	4	16·3	31	6·5	31
SEP	16·3	-	-	1·3	26·9	6·4	16·7	-0·3	33·2	29	-3·0	3	18·6	1	13·5	30
OCT	20·5	-	-	2·5	29·6	12·4	21·0	0·5	36·9	17	2·0	6	21·0	5	18·9	19
NOV	20·0	-	-	4·0	28·3	14·1	21·2	0·0	34·0	27	8·7	4	20·4	3	17·4	14
DEC	21·1	-	-	4·6	28·3	15·9	22·1	-0·2	34·1	15	13·2	9	18·1	6	20·0	27
J/Y	16·3	-	-	2·4	26·3	9·2	17·7	-0·1	36·9	-	-3·0	-	12·1	-	20·0	-

1959	R MM	RX MM	D	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
				REEN / RAIN				MAX		TEMP		MIN		TEMP	
JAN	133·3	45·3	25	14	9	4	2	0	9	0	0	0	0	0	0
FEB	78·8	35·0	15	11	8	3	1	0	8	0	0	0	0	0	0
MAR	22·4	13·5	6	6	5	1	0	0	15	0	0	0	0	0	0
APR	32·5	15·0	6	8	6	1	0	0	5	0	0	0	0	0	0
MAY	21·6	10·0	14	4	3	1	0	0	0	3	0	0	4	20	0
JUN	0·4	0·2	78	2	0	0	0	0	0	1	0	0	9	26	0
JUL	9·2	8·4	17	5	1	0	0	0	0	2	0	0	9	26	0
AUG	0·0	0·0	-	0	0	0	0	0	0	1	0	0	5	30	0
SEP	11·5	11·0	13	2	1	1	0	0	6	0	0	1	2	9	0
OCT	32·3	14·5	24	10	6	1	0	3	17	0	0	0	0	1	0
NOV	138·3	32·5	9	15	14	5	2	0	11	0	0	0	0	0	0
DEC	74·5	22·0	17	11	9	3	0	0	10	0	0	0	0	0	0
J/Y	554·8	45·3	-	88	62	20	5	3	81	7	0	1	29	112	0

513/314 PRETORIA NAT ZOO GARDENS

ø 25°44' S λ 28°11' E H1300M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	19·8	-	-	3·9	28·0	15·1	21·5	-	32·0	17	7·5	15	22·5	25	19·5	28
FEB	19·0	-	-	2·1	28·9	15·4	22·1	-	32·0	27	11·5	22	24·0	16	18·5	20
MAR	16·7	-	-	2·4	28·0	13·6	20·8	-	32·5	29	10·5	14	19·0	10	-	-
APR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAY	7·6	-	-	1·9	22·1	4·3	13·2	-	27·0	11	-1·5	24	15·0	17	12·6	3
JUN	4·9	-	-	1·1	22·5	2·6	12·5	-	26·0	1	-1·0	14	16·5	8	9·0	8
JUL	5·6	-	-	2·0	20·7	3·2	11·9	-	23·0	11	-0·5	24	11·5	17	9·5	17
AUG	6·4	-	-	0·8	23·0	3·2	13·1	-	29·0	30	0·0	7	16·0	31	6·4	23
SEP	(12·4)	-	-	(1·0)	(27·0)	(7·6)	(17·3)	-	32·0	27	-0·5	3	-	-	-	-
OCT	18·0	-	-	2·1	28·6	13·4	21·0	-	36·0	17	3·0	6	20·5	5	19·5	18
NOV	18·6	-	-	3·1	28·8	14·8	21·8	-	33·5	27	9·0	3	-	-	17·5	17
DEC	20·0	-	-	4·0	27·7	16·0	21·9	-	34·0	15	13·5	8	20·0	6	21·0	17
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1959	R MM	RX MM	D	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
				REEN / RAIN				MAX		TEMP		MIN		TEMP	
JAN	197·9	106·1	25	12	12	3	2	0	-	0	0	0	0	0	0
FEB	49·3	21·0	15	8	5	2	0	0	7	0	0	0	0	0	0
MAR	38·5	18·1	18	8	3	2	0	0	-	0	0	0	0	0	0
APR	32·7	18·2	6	2	2	2	0	-	-	-	-	-	-	-	-
MAY	21·0	9·5	11	4	3	0	0	0	0	3	0	0	1	18	0
JUN	0·1	0·1	8	1	0	0	0	0	0	1	0	0	3	23	0
JUL	11·5	11·0	17	2	1	1	0	0	0	2	0	0	2	23	0
AUG	0·0	0·0	-	0	0	0	0	0	0	1	0	0	0	27	0
SEP	9·5	9·5	13	1	1	0	0	0	-	-	0	0	-	-	0
OCT	14·8	7·5	22	5	4	0	0	1	14	0	0	0	0	1	0
NOV	103·6	25·5	17	12	11	5	1	0	-	-	0	0	0	0	0
DEC	142·6	87·2	17	8	7	3	1	0	7	0	0	0	0	0	1
J/Y	621·5	106·1	-	63	49	18	4	-	-	-	0	-	-	-	-

513/465 PRETORIA UNIV AGRIC

ø 25°45' S λ 28°16' E H1372M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	19·6	16·4	72	3·9	27·7	15·0	21·3	-	32·6	18	7·2	15	20·4	25	19·1	28
FEB	19·6	16·4	72	2·6	27·9	15·2	21·5	-	31·1	26	10·4	22	21·7	15	18·5	15
MAR	18·5	15·1	70	2·0	27·5	14·0	20·7	-	32·0	29	9·8	19	18·9	10	18·7	5
APR	16·2	13·3	72	2·7	26·2	12·2	19·2	-	30·7	5	6·8	30	17·5	30	16·2	5
MAY	11·0	8·0	66	1·9	21·8	5·7	13·7	-	27·3	10	1·3	26	13·6	17	12·7	11
JUN	9·6	6·7	66	0·9	21·9	4·9	13·4	-	26·1	6	1·4	10	16·7	8	10·4	4
JUL	9·0	6·6	71	1·6	20·3	5·0	12·7	-	23·1	13	1·7	22	11·6	17	10·0	17
AUG	10·5	6·6	56	0·9	22·2	4·7	13·5	-	28·4	30	0·7	4	14·8	31	8·4	29
SEP	14·9	10·0	53	1·2	26·8	8·7	17·7	-	32·2	27	0·5	2	17·3	1	-	-
OCT	18·7	13·1	51	2·4	28·4	13·3	20·9	-	36·4	17	4·4	6	19·2	5	21·0	18
NOV	18·9	14·9	65	3·2	27·5	14·1	20·8	-	33·9	28	8·9	4	18·3	3	17·6	28
DEC	20·0	16·3	68	4·5	27·0	15·9	21·5	-	33·2	16	13·0	8	16·4	6	20·1	17
J/Y	15·5	11·9	65	2·3	25·4	10·7	18·1	-	36·4	-	0·5	-	11·6	-	21·0	-

1959	R MM	RX MM	D	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
				REEN / RAIN				MAX		TEMP		MIN		TEMP	
JAN	149·5	54·5	24	12	10	3	2	0	5	0	0	0	0	0	0
FEB	88·8	22·8	1	8	8	5	0	0	-	0	0	0	0	0	0
MAR	67·5	64·4	6	7	2	1	1	0	6	0	0	0	0	0	0
APR	35·6	18·0	6	7	5	2	0	0	3	0	0	0	0	0	0
MAY	21·3	9·5	11	3	3	0	0	0	0	4	0	0	0	14	0
JUN	0·4	0·2	7	2	0	0	0	0	0	1	0	0	0	15	0
JUL	9·8	9·5	17	2	1	0	0	0	0	-	0	0	0	-	0
AUG	0·0	0·0	-	0	0	0	0	0	0	1	0	0	0	17	0
SEP	9·5	9·5	13	1	1	0	0	0	7	-	0	0	0	-	-
OCT	21·2	6·8	29	10	5	0	0	1	-	0	0	0	0	1	1
NOV	103·4	25·0	10	11	11	5	1	0	7	0	0	0	0	0	0
DEC	129·6	35·0	17	11	11	6	1	0	8	1	0	0	0	0	1
J/Y	636·6	64·4	-	74	57	22	5	1	-	-	0	0	0	-	-

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROËBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

513/531 RIETVLEI LANDBOU/AGRIC

ø 25°51'S λ 28°18'E H 1524M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	0800				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	18·2	15·4	74	3·8	25·7	13·6	19·7	–	30·2	18	4·6	14	17·8	25	17·5	28
FEB	18·4	15·9	77	2·3	26·2	14·1	20·1	–	29·2	27	9·0	22	20·2	15	17·4	15
MAR	17·4	14·7	75	2·4	25·7	12·5	19·1	–	31·1	29	7·2	25	16·9	10	16·9	9
APR	14·9	12·5	76	2·8	24·1	10·3	17·2	–	28·9	5	5·4	9	15·2	30	13·5	14
MAY	8·9	6·7	73	1·8	19·6	3·6	11·6	–	25·2	10	-3·0	26	11·5	17	12·2	11
JUN	6·6	4·4	71	0·7	20·0	2·3	11·1	–	24·0	6	-2·2	10	14·8	8	8·5	4
JUL	6·5	4·5	73	1·8	18·2	2·3	10·3	–	21·7	13	-1·1	23	9·9	17	9·0	17
AUG	7·9	4·2	54	0·8	20·2	1·5	10·9	–	26·3	30	-2·0	4	13·8	31	7·0	29
SEP	13·4	8·5	50	1·4	24·2	6·8	15·5	–	30·7	29	-3·4	2	16·2	1	13·2	21
OCT	17·5	12·2	53	2·4	26·5	11·3	18·9	–	33·7	17	-0·8	6	17·3	5	18·4	18
NOV	17·4	14·2	70	3·6	25·3	12·7	19·0	–	30·6	27	7·5	4	15·0	3	15·6	27
DEC	18·2	15·8	78	4·3	24·7	14·5	19·6	–	29·8	15	11·7	8	15·0	6	19·0	16
J/Y	13·8	10·7	69	2·3	23·4	8·8	16·1	–	33·7	–	-3·4	–	9·9	–	19·0	–

1959	R MM	RX IN 24H MM	D	REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	218·6	81·3	25	16	11	4	3	0	2	0	0	0	0	1	0
FEB	79·8	24·5	7	9	7	3	0	0	0	0	0	0	0	0	0
MAR	53·5	26·0	6	7	6	2	1	0	1	1	0	0	0	0	0
APR	41·2	17·0	6	8	4	2	0	0	0	3	0	0	0	0	0
MAY	21·0	8·5	12	3	3	0	0	0	0	10	0	1	5	21	0
JUN	0·7	0·5	7	2	0	0	0	0	0	3	0	0	6	25	0
JUL	10·7	10·0	17	4	1	1	0	0	0	7	1	0	5	24	0
AUG	0·0	0·0	–	0	0	0	0	0	0	6	0	0	6	30	0
SEP	7·5	5·0	13	2	2	0	0	0	2	2	0	1	3	9	0
OCT	42·7	25·0	19	7	5	1	1	0	8	2	0	0	1	2	0
NOV	143·8	28·0	9	14	13	5	1	0	2	1	0	0	0	0	0
DEC	176·7	89·5	17	17	14	3	1	0	0	1	0	0	0	0	0
J/Y	796·2	89·5	–	89	66	21	7	0	15	36	1	2	26	112	0

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
SPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROËBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

515/285 GEMSBOKFNTN BOS

ø 25°45'S λ 29°40'E H 1661M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	18·3	15·7	76	3·5	25·4	12·2	18·8	-0·1	29·0	21	3·0	14	19·4	7	16·5	20
FEB	17·1	15·0	80	2·4	26·4	10·9	18·7	0·2	30·0	26	5·0	25	22·4	21	15·0	15
MAR	15·9	14·4	85	2·8	24·8	10·2	17·5	0·3	31·2	29	2·5	24	15·0	10	16·4	6
APR	14·4	12·8	83	1·8	23·5	7·9	15·7	1·5	27·2	4	0·8	18	15·5	23	12·0	4
MAY	9·1	7·0	74	1·8	19·2	2·2	10·7	0·3	25·5	10	-4·2	2	10·6	18	11·2	13
JUN	6·2	4·1	72	0·6	19·1	-0·1	9·5	1·8	22·6	1	-6·0	10	13·8	8	7·6	3
JUL	5·0	3·5	79	1·3	17·3	-0·4	8·5	1·2	21·2	21	-5·2	23	10·0	18	7·8	14
AUG	7·9	4·7	60	0·3	19·6	-0·4	9·6	-0·3	25·6	30	-6·0	7	12·5	31	7·5	30
SEP	12·8	9·7	67	2·0	22·9	3·4	13·1	-0·6	28·5	26	-7·5	2	12·5	13	10·7	21
OCT	16·1	12·6	66	2·5	25·3	8·4	16·9	0·0	32·5	17	-4·3	5	17·6	5	16·2	18
NOV	16·9	13·7	70	3·6	24·1	10·2	17·1	-0·6	29·5	27	3·8	1	14·6	3	13·8	27
DEC	17·7	15·0	75	3·5	24·4	12·5	18·5	-0·1	30·0	15	8·8	11	14·5	6	18·0	16
J/Y	13·1	10·7	74	2·2	22·7	6·4	14·5	0·3	32·5	–	-7·5	–	10·0	–	18·0	–

1959	R MM	RX IN 24H MM	D	REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	117·5	37·0	8	13	13	6	1	0	0	0	0	0	0	1	0
FEB	64·0	29·0	15	5	5	2	2	0	0	0	0	0	0	0	0
MAR	80·0	34·0	6	7	7	3	1	0	1	2	0	0	0	2	0
APR	65·5	29·5	29	6	6	3	1	0	0	2	0	0	0	3	0
MAY	25·8	20·0	17	5	5	1	0	0	0	10	0	5	11	21	0
JUN	1·1	1·1	8	1	1	0	0	0	0	9	0	8	17	28	0
JUL	7·0	4·5	17	2	2	0	0	0	0	14	0	11	21	28	0
AUG	0·0	0·0	–	0	0	0	0	0	0	7	0	8	17	28	0
SEP	32·5	27·0	13	2	2	1	1	0	0	3	0	2	7	18	0
OCT	62·9	12·0	18	13	13	1	0	0	4	0	0	2	3	7	0
NOV	244·0	35·0	8	17	17	13	3	0	0	1	0	0	0	2	0
DEC	86·0	16·5	9	11	11	4	0	0	0	1	0	0	0	0	0
J/Y	786·3	37·0	–	82	82	34	9	0	5	49	0	36	76	138	0

517/ 10 BELFAST BOS

ø 25°40'S λ 30°01'E H 1888M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	16·6	14·5	81	4·1	22·6	11·0	16·8	0·2	26·0	18	4·5	14	–	–	–	–
FEB	16·1	14·2	81	2·9	23·3	10·3	16·8	0·5	27·4	26	3·8	25	–	–	–	–
MAR	14·7	12·9	82	3·4	21·7	8·8	15·3	0·2	27·6	5	3·4	24	13·0	10	14·8	9
APR	12·9	11·5	84	1·7	21·8	7·0	14·4	1·4	25·6	4	1·5	18	–	–	11·8	14
MAY	9·0	6·4	70	2·1	17·5	1·7	9·6	0·3	23·2	10	-4·5	26	6·5	18	10·5	14
JUN	5·3	–	–	0·5	17·6	-0·3	8·7	2·2	21·4	6	-3·4	12	–	–	–	–
JUL	6·5	4·6	76	1·6	15·5	2·0	8·7	2·0	20·2	21	-2·8	1	8·2	5	6·8	16
AUG	7·9	5·0	65	1·5	17·1	2·2	9·7	0·6	23·2	30	-2·6	21	10·5	31	7·0	30
SEP	12·0	8·0	58	2·0	20·4	5·6	13·0	0·9	26·4	29	-2·0	2	10·2	1	11·5	26
OCT	14·4	11·3	70	2·8	21·8	8·3	15·1	0·4	30·2	17	0·4	6	11·4	20	13·6	17
NOV	15·0	12·4	75	3·1	20·6	9·8	15·2	-0·2	26·2	27	5·0	3	9·2	2	13·5	27
DEC	15·8	13·7	80	4·0	21·4	11·3	16·3	-0·2	26·0	15	8·8	6	11·6	6	15·4	18
J/Y	12·2	–	–	2·5	20·1	6·5	13·3	0·7	30·2	–	-4·5	–	–	–	–	–

1959	R MM	RX IN 24H MM	D	REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	171·0	47·0	8	14	13	5	2	0	0	–	0	0	0	1	0
FEB	137·0	72·0	8	10	10	2	2	0	0	–	0	0	0	–	0
MAR	89·5	19·5	16	11	11	3	0	0	0	4	0	0	0	3	0
APR	32·5	16·0	29	5	5	2	0	0	0	–	0	0	0	4	0
MAY	28·0	16·0	17	5	5	1	0	0	0	–	0	–	–	–	0
JUN	6·0	6·0	8	1	1	0	0	0	0	–	–	7	–	–	0
JUL	5·5	4·0	18	3	2	0	0	0	0	–	2	1	4	–	0
AUG	0·4	0·4	8	1	0	0	0	0	0	15	0	1	7	25	0
SEP	42·0	35·0	14	2	2	1	1	0	0	7	0	0	3	10	0
OCT	77·2	20·0	28	14	13	3	0	0	1	–	0	0	0	4	0
NOV	188·4	28·0	19	18	18	9	1	0	0	3	1	0	0	0	0
DEC	108·0	18·0	9	18	16	4	0	0	0	–	0	0	0	0	0
J/Y	885·5	72·0	–	102	96	30	6	0	1	–	–	–	–	–	0

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

517/578 WATERVAL-BOVEN ø 25°38'S λ 30°20'E H 1430M HT 1·2M HR 1·2M

1959	OB T °C	T' °C	U %	N 0–8	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	–	–	–	–	26·4	15·0	20·7	–	31·4	18	8·5	14	–	–	–	–
FEB	–	–	–	–	27·0	14·2	20·6	–	31·4	26	7·6	23	–	–	–	–
MAR	–	–	–	–	25·5	(12·4)	(18·9)	–	33·0	5	6·7	24	–	–	–	–
APR	–	–	–	–	26·0	10·6	18·3	–	30·6	3	5·9	18	19·3	23	15·9	14
MAY	–	–	–	–	–	4·6	–	–	–	–	-0·8	25	–	–	–	–
JUN	–	–	–	–	22·1	3·2	12·7	–	26·6	1	-0·4	11	15·9	25	10·6	4
JUL	–	–	–	–	20·6	3·3	11·9	–	25·8	22	0·3	24	–	–	–	–
AUG	–	–	–	–	21·9	2·9	12·4	–	28·4	30	-0·3	20	–	–	–	–
SEP	–	–	–	–	24·9	6·7	15·8	–	30·9	8	-0·6	2	–	–	–	–
OCT	–	–	–	–	25·5	11·9	18·7	–	34·1	16	3·2	5	–	–	–	–
NOV	–	–	–	–	25·0	13·3	19·1	–	32·0	27	8·4	3	–	–	–	–
DEC	–	–	–	–	(25·7)	(14·9)	(20·3)	–	32·0	16	11·6	11	–	–	–	–
J/Y	–	–	–	–	–	(9·4)	–	–	34·1	–	-0·8	–	–	–	–	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	196·6	57·5	6	12	12	6	3	0	–	0	0	0	0	0	0
FEB	137·2	39·5	15	10	7	5	2	0	–	0	0	0	0	0	0
MAR	72·1	15·5	5	11	11	3	0	0	3	2	0	0	0	0	0
APR	8·6	5·7	29	4	3	0	0	0	–	0	0	0	0	0	0
MAY	49·2	–	–	6	–	–	–	0	0	–	–	–	–	–	0
JUN	0·0	0·0	–	0	0	0	0	0	0	1	0	0	1	–	0
JUL	2·2	1·3	17	2	1	0	0	0	0	–	–	0	0	–	0
AUG	0·0	0·0	–	0	0	0	0	0	0	–	0	0	1	–	0
SEP	47·5	–	–	2	–	–	–	0	–	–	0	0	1	–	0
OCT	41·7	–	–	–	–	–	–	0	–	–	0	0	0	–	0
NOV	181·1	51·5	11	15	14	7	2	0	–	–	0	0	0	0	–
DEC	141·1	62·7	18	13	10	5	2	0	–	–	–	0	0	0	–
J/Y	877·3	62·7	–	–	–	–	–	0	–	–	–	–	–	–	–

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPW GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

519/ 17 BARBERTON LANDBOU/AGRIC ø 25°47'S λ 31°01'E H 772M HT 1·2M HR 1·2M

1959	OB T °C	T' °C	U %	N 0–8	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	21·2	18·9	80	5·2	28·4	18·4	23·4	–	35·3	20	14·0	14	19·9	13	22·2	29
FEB	20·8	19·2	86	5·6	–	18·0	–	–	–	–	13·7	22	–	–	21·2	15
MAR	19·4	17·5	83	4·8	28·2	16·1	22·1	–	33·5	29	12·0	23	20·0	11	21·5	6
APR	18·9	16·7	80	4·6	27·9	15·1	21·5	–	34·0	25	10·5	24	19·5	23	19·8	22
MAY	14·1	11·6	73	2·2	25·8	8·7	17·3	–	33·0	8	4·5	2	17·7	18	17·0	13
JUN	11·7	9·6	76	0·7	24·8	6·7	15·7	–	30·0	7	2·8	11	18·6	17	13·6	4
JUL	11·9	9·7	75	1·7	23·5	7·6	15·5	–	27·0	23	3·5	21	18·0	9	14·2	17
AUG	13·3	9·9	64	1·7	25·3	7·2	16·3	–	33·6	30	3·9	20	17·1	17	12·0	9
SEP	15·8	12·6	68	3·0	27·1	10·7	18·9	–	34·6	9	3·0	2	15·0	10	16·0	27
OCT	19·5	15·9	68	4·5	28·2	15·1	21·7	–	38·6	31	7·7	8	16·9	20	22·4	18
NOV	19·8	16·8	73	6·1	27·2	16·1	21·7	–	35·0	27	11·6	5	16·5	2	20·5	28
DEC	21·2	–	–	5·4	28·2	17·8	23·0	–	36·5	17	12·6	2	18·5	6	23·0	16
J/Y	17·3	–	–	3·8	–	13·1	–	–	–	–	2·8	–	15·0	–	23·0	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	107·3	45·3	1	12	9	3	2	1	10	0	0	0	0	0	–
FEB	138·9	56·5	7	7	7	4	2	–	–	–	–	0	0	0	4
MAR	45·5	14·0	10	4	4	3	0	0	10	0	0	0	0	0	1
APR	7·0	2·4	4	5	3	0	0	0	7	0	0	0	0	0	0
MAY	88·5	46·8	15	6	5	2	2	0	3	0	0	0	0	1	0
JUN	0·0	0·0	–	0	0	0	0	0	0	0	0	0	0	10	0
JUL	0·1	0·1	5	1	0	0	0	0	0	0	0	0	0	5	0
AUG	0·6	0·6	5	1	0	0	0	0	3	1	0	0	0	4	0
SEP	36·5	35·5	13	2	2	1	1	0	8	1	0	0	0	1	0
OCT	28·6	7·3	20	12	7	0	0	3	12	1	0	0	0	0	2
NOV	64·3	22·8	16	12	8	1	0	0	7	2	0	0	0	0	1
DEC	140·0	36·0	18	17	14	4	1	2	10	0	0	0	0	0	5
J/Y	657·3	56·5	–	79	59	18	8	–	–	–	–	0	0	21	–

519/237 HAVELOCK MINE SWAZ ø 25°57'S λ 31°08'E H 1167M HT 1·2M HR 1·2M

1959	OB T °C	T' °C	U %	N 0–8	UITERSTE TEMPERATURE / EXTREME TEMPERATURES TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
JAN	17·8	16·3	86	5·8	24·1	15·0	19·5	-0·2	31·5	20	9·9	14	15·3	13	19·4	29
FEB	17·5	16·3	88	5·0	24·2	14·8	19·5	-0·2	29·6	5	9·5	23	–	–	–	–
MAR	16·4	15·0	86	4·9	23·7	13·5	18·6	-0·4	29·8	9	9·6	23	16·0	11	17·1	6
APR	16·4	14·4	80	3·2	23·7	13·4	18·5	0·6	29·7	4	8·7	19	16·8	22	16·6	14
MAY	12·1	9·0	66	1·8	21·8	8·9	15·3	-0·1	28·7	8	2·7	18	12·8	18	14·0	8
JUN	10·6	8·1	71	1·2	20·3	7·7	14·0	0·8	25·6	6	3·8	11	14·5	25	11·6	9
JUL	10·3	8·2	75	1·9	18·9	7·4	13·1	-0·2	23·2	23	4·4	20	–	–	–	–
AUG	10·5	8·4	75	2·1	20·0	7·2	13·6	-1·1	28·6	30	3·6	20	9·2	17	11·9	29
SEP	13·1	10·4	71	2·7	22·5	8·9	15·7	-0·7	29·9	9	3·3	14	11·3	10	–	–
OCT	15·9	13·5	76	4·4	22·5	12·4	17·5	-0·5	33·0	16	6·5	9	–	–	–	–
NOV	15·9	–	–	5·8	22·4	12·6	17·5	-1·2	31·0	27	7·6	3	–	–	–	–
DEC	17·8	16·1	84	5·2	23·5	14·2	18·9	-0·6	31·3	17	9·6	3	–	–	–	–
J/Y	14·5	–	–	3·7	22·3	11·3	16·8	-0·3	33·0	–	2·7	–	–	–	–	–

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	210·2	49·3	29	21	–	7	4	0	–	–	0	0	0	0	0
FEB	163·5	48·2	15	15	–	–	–	0	0	0	0	0	0	0	0
MAR	205·6	71·0	9	13	–	6	2	0	0	–	0	0	0	0	0
APR	12·3	–	–	10	–	0	0	0	0	–	0	0	0	0	–
MAY	82·1	–	–	6	–	–	–	0	0	–	0	0	0	–	0
JUN	0·5	0·5	3	1	0	0	0	0	0	–	0	0	0	–	0
JUL	8·3	–	–	5	–	0	0	0	0	–	–	0	0	–	0
AUG	6·4	3·6	17	5	2	0	0	0	0	–	–	0	0	–	0
SEP	94·0	–	–	8	–	–	–	0	0	–	0	0	0	–	0
OCT	105·7	26·5	19	11	8	6	1	0	–	–	–	0	0	0	–
NOV	200·2	–	–	21	–	–	2	0	–	–	–	0	0	0	–
DEC	324·8	62·5	18	23	–	–	–	0	–	–	–	0	0	0	–
J/Y	1413·6	–	–	139	–	–	–	0	–	–	–	0	0	–	–

K L I M A A T T A B E L L E / C L I M A T O L Ó G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROËBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REËNVAL
RX MAKSIMUM REËNVAL
GPM GEOPOTENTIALE METERS
Ht HOOGTE VAN DROËBOL TERM
HR HOOGTE VAN REËNMETER
HA HOOGTE VAN ANEMOGRAAF

546/630 MARICO BOSVELD IRR

Ø 25°30'S λ 26°21'E H 1078M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	21·4	17·6	69	3·5	30·3	17·1	23·7	–	35·5	17	9·5	15	22·2	24	21·1	29
FEB	21·8	18·1	70	1·8	31·1	17·5	24·3	–	35·2	27	14·4	24	23·5	15	21·0	12
MAR	20·2	16·5	68	2·7	29·9	15·8	22·9	–	35·3	5	12·3	22	19·4	14	22·0	6
APR	17·4	13·9	68	1·9	28·2	12·9	20·5	–	33·3	5	8·0	30	17·2	30	16·6	17
MAY	10·7	8·3	72	1·4	–	6·6	–	–	29·0	7	1·6	23	–	–	14·6	12
JUN	9·1	6·4	67	0·7	22·7	5·2	13·9	–	27·0	6	1·0	15	19·2	8	11·4	8
JUL	8·6	6·2	70	1·8	20·9	5·0	12·9	–	23·6	12	2·0	18	14·1	17	9·8	5
AUG	10·2	5·5	47	0·2	23·5	5·1	14·3	–	29·5	30	2·2	21	18·0	31	8·2	9
SEP	15·9	9·7	43	0·9	27·8	9·0	18·4	–	33·8	26	2·2	3	18·0	13	20·6	30
OCT	20·8	13·8	45	1·9	30·8	14·5	22·7	–	38·0	17	7·2	6	22·0	5	19·8	27
NOV	21·9	16·1	54	2·6	30·8	16·5	23·7	–	36·6	28	11·5	5	25·5	17	20·3	30
DEC	21·9	18·1	69	4·3	30·1	18·1	24·1	–	35·5	14	14·5	9	19·7	6	22·2	17
J/Y	16·7	12·5	62	2·0	–	11·9	–	–	38·0	–	1·0	–	–	–	22·2	–

1959	R MM	RX IN 24H MM	D	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
				REEN / RAIN				MAX TEMP				MIN TEMP			
JAN	92·5	20·3	19	11	11	4	0	1	19	0	0	0	0	0	2
FEB	35·5	18·0	15	5	5	1	0	1	20	0	0	0	0	0	2
MAR	18·4	6·5	12	6	5	0	0	1	16	0	0	0	0	0	1
APR	67·4	21·6	29	7	7	2	0	0	8	1	0	0	0	0	0
MAY	65·8	29·5	11	5	4	2	2	0	0	–	–	0	0	10	0
JUN	0·8	0·8	8	1	0	0	0	0	0	0	0	0	0	15	0
JUL	22·0	11·5	13	4	4	1	0	0	0	3	0	0	0	19	0
AUG	0·0	0·0	–	0	0	0	0	0	0	0	0	0	0	15	0
SEP	0·0	0·0	–	0	0	0	0	0	9	0	0	0	0	5	1
OCT	20·5	6·5	19	6	5	0	0	4	20	0	0	0	0	0	0
NOV	57·0	23·2	17	9	7	2	0	3	19	0	0	0	0	0	1
DEC	71·1	32·0	3	8	7	2	1	4	20	0	0	0	0	0	4
J/Y	450·8	32·0	–	62	55	14	3	14	131	–	–	0	0	64	11

547/359 LINDLEYSPOORT IRR

Ø 25°29'S λ 26°42'E H 1175M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	19·5	16·6	74	3·7	28·9	16·2	22·5	–	33·6	17	9·5	15	21·0	24	20·5	23
FEB	20·0	17·1	75	3·6	29·6	16·7	23·1	–	34·5	27	14·3	17	22·0	15	20·5	7
MAR	18·9	15·6	71	3·4	28·8	15·1	21·9	–	33·8	5	9·2	19	22·8	10	20·4	6
APR	17·2	13·6	67	2·6	27·0	12·8	19·9	–	32·0	5	6·8	30	17·0	29	17·1	4
MAY	11·5	8·5	67	1·9	21·6	7·0	14·3	–	28·4	10	2·0	2	12·3	16	13·3	12
JUN	10·5	–	–	0·8	21·4	6·0	13·7	–	25·8	1	2·1	14	16·6	8	13·0	8
JUL	9·7	6·7	65	2·3	20·3	5·0	12·7	–	23·9	9	1·3	21	16·3	6	9·6	9
AUG	11·8	7·3	52	1·0	22·2	5·8	14·0	–	28·0	30	1·8	16	17·0	17	–	–
SEP	15·1	10·0	51	0·9	26·6	8·9	17·7	–	32·3	26	3·7	5	16·4	13	15·3	27
OCT	18·6	12·6	48	2·3	29·1	13·2	21·1	–	36·7	18	5·2	6	20·4	20	19·8	17
NOV	19·8	15·3	62	3·2	29·7	14·9	22·3	–	35·9	28	12·0	11	–	–	–	–
DEC	20·0	16·7	72	5·2	28·7	16·4	22·5	–	34·2	14	12·9	25	19·7	3	20·8	16
J/Y	16·1	–	–	2·6	26·2	11·5	18·9	–	36·7	–	1·3	–	12·3	–	–	–

1959	R MM	RX IN 24H MM	D	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
				REEN / RAIN				MAX TEMP				MIN TEMP			
JAN	70·4	18·0	25	13	11	2	0	0	10	0	0	0	0	0	1
FEB	60·2	29·0	8	8	5	3	1	0	–	0	0	0	0	0	2
MAR	15·7	9·0	10	5	4	0	0	0	12	0	0	0	0	0	1
APR	37·1	17·0	28	6	5	1	0	0	5	2	0	0	0	0	0
MAY	56·0	35·0	11	6	5	2	1	0	0	3	0	0	0	11	0
JUN	2·0	2·0	7	1	1	0	0	0	0	2	0	0	0	10	0
JUL	14·0	7·0	17	3	3	0	0	0	0	2	0	0	0	17	0
AUG	0·0	0·0	–	0	0	0	0	0	0	–	0	0	0	–	0
SEP	0·1	0·1	12	1	0	0	0	0	4	1	0	0	0	4	0
OCT	26·0	19·0	28	3	3	1	0	3	18	0	0	0	0	0	0
NOV	103·4	32·0	17	10	9	4	2	–	–	0	0	0	0	0	–
DEC	104·4	22·5	23	13	12	5	0	0	9	0	0	0	0	0	2
J/Y	489·3	35·0	–	69	58	18	4	–	–	–	0	0	0	–	–

552/654 LOSKOPDAM IRR

Ø 25°24'S λ 29°22'E H 1009M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0–8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	21·2	18·0	72	3·3	30·9	18·6	24·7	0·0	35·4	28	13·5	14	25·0	7	21·0	3
FEB	20·1	17·8	79	1·9	30·9	17·9	24·4	-0·1	34·5	27	13·6	22	26·3	15	20·7	20
MAR	19·1	16·1	73	2·5	30·4	17·2	23·8	0·5	35·7	29	14·2	23	20·5	11	20·7	9
APR	16·5	14·0	75	1·2	28·9	15·0	21·9	0·9	33·2	3	11·5	18	19·4	23	18·0	5
MAY	10·7	8·3	71	1·5	24·6	9·5	17·1	-0·4	31·7	10	4·5	17	13·8	17	15·0	12
JUN	9·2	6·6	67	0·6	24·4	8·1	16·3	1·4	28·1	1	6·5	10	20·5	8	10·8	8
JUL	9·1	6·7	70	1·7	23·1	7·6	15·3	0·6	25·5	13	3·1	18	16·3	18	10·8	16
AUG	9·6	6·1	57	0·4	25·0	8·3	16·7	-0·7	31·3	30	5·6	20	18·0	31	10·6	29
SEP	14·0	10·1	59	1·4	28·2	12·2	20·2	-0·3	35·5	29	6·2	2	14·7	13	18·1	30
OCT	19·0	14·3	58	2·3	30·9	16·2	23·5	0·3	38·0	17	9·2	6	23·3	5	21·6	17
NOV	20·0	16·6	70	3·0	29·4	17·0	23·2	-0·6	34·3	1	12·1	3	20·5	3	20·8	8
DEC	21·0	18·0	73	3·9	28·8	18·2	23·5	-1·3	34·4	14	15·0	7	19·2	7	22·6	16
J/Y	15·8	12·7	69	2·0	28·0	13·8	20·9	0·0	38·0	–	3·1	–	13·8	–	22·6	–

1959	R MM	RX IN 24H MM	D	≥0·1	≥1·0	≥10	≥25	>35	>30	<17·5	<10	<-2·5	<0·0	<5	>20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
				REEN / RAIN				MAX TEMP				MIN TEMP			
JAN	121·8	50·7	30	11	10	3	2	2	20	0	0	0	0	0	6
FEB	75·6	43·8	3	8	7	3	1	0	17	0	0	0	0	0	3
MAR	40·2	15·8	10	7	7	1	0	2	17	0	0	0	0	0	3
APR	49·2	27·6	29	6	5	2	1	0	9	0	0	0	0	0	0
MAY	17·5	9·0	17	6	4	0	0	0	1	1	0	0	0	1	[illegible]
JUN	0·0	0·0	–	0	0	0	0	0	0	0	0	0	0	0	0
JUL	6·7	4·5	17	3	2	0	0	0	0	1	0	0	0	2	0
AUG	12·8	12·8	9	1	1	1	0	0	1	0	0	0	0	0	0
SEP	7·2	4·2	13	2	2	0	0	1	12	1	0	0	0	0	0
OCT	31·6	8·5	16	12	7	0	0	8	18	0	0	0	0	0	3
NOV	248·1	70·2	30	16	15	9	1	0	16	0	0	0	0	0	1
DEC	122·2	33·0	18	18	13	4	1	0	13	0	0	0	0	0	5
J/Y	732·9	70·2	–	90	73	23	6	13	124	3	0	0	0	3	21

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

555/664 BERGVLIET BOS — ø 25°04'S λ 30°53'E H 983M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	19·3	-	-	6·3	25·2	16·3	20·7	-	31·4	28	11·4	15	-	-	-	-
FEB	19·2	-	-	5·4	(25·8)	15·9	(20·9)	-	29·7	7	12·1	22	19·9	21	19·2	20
MAR	18·3	-	-	5·1	25·7	15·1	20·4	-	31·6	4	11·4	23	-	-	-	-
APR	18·1	16·4	84	3·7	26·0	14·8	20·4	-	31·6	8	10·9	20	-	-	17·5	8
MAY	14·4	11·2	67	1·9	23·7	10·8	17·3	-	31·1	8	5·4	18	-	-	-	-
JUN	(12·9)	(9·7)	(65)	(1·5)	(22·6)	(9·6)	(16·1)	-	28·2	6	6·3	10	-	-	-	-
JUL	12·6	9·8	69	1·9	21·1	9·1	15·1	-	24·6	11	7·2	18	-	-	-	-
AUG	(13·7)	(10·5)	(66)	(1·9)	(22·7)	(9·2)	(15·9)	-	32·4	30	7·0	20	-	-	-	-
SEP	(15·5)	(12·1)	(66)	(2·8)	(24·7)	(10·4)	(17·5)	-	33·7	9	4·5	2	-	-	-	-
OCT	18·0	-	-	5·6	25·3	13·5	19·4	-	36·5	31	7·4	9	-	-	-	-
NOV	17·7	-	-	7·0	24·7	14·4	19·5	-	30·1	27	9·6	3	13·3	2	17·6	1
DEC	19·1	-	-	6·3	25·2	15·1	20·1	-	35·0	17	11·2	7	15·9	7	19·9	17
J/Y	(16·6)	-	-	(4·1)	(24·4)	(12·9)	(18·7)	-	36·5	-	4·5	-	-	-	-	-

1959	R MM	RX IN 24H MM	D	REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MIN TEMP <17·5	MIN TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	TEMP <5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	213·6	61·1	29	23	17	7	1	0	-	-	0	0	0	0	0
FEB	184·5	72·5	3	14	13	5	2	0	0	0	0	0	0	0	0
MAR	100·8	34·0	9	14	12	4	1	0	-	-	0	0	0	0	-
APR	20·5	8·2	13	13	4	0	0	0	-	-	0	0	0	0	0
MAY	36·7	13·0	16	6	4	2	0	0	-	-	0	0	0	0	0
JUN	0·0	0·0	-	0	0	0	0	0	0	-	0	0	0	0	0
JUL	56·8	26·0	9	5	4	2	1	0	0	-	-	0	0	0	0
AUG	1·7	0·8	9	3	0	0	0	0	-	-	0	0	0	0	0
SEP	55·4	40·0	13	8	6	1	1	0	-	-	0	0	0	-	0
OCT	82·4	21·5	19	17	11	3	0	-	-	-	0	0	0	-	-
NOV	117·5	19·6	30	24	19	4	0	0	1	-	0	0	0	0	0
DEC	288·4	56·0	22	24	21	6	4	0	-	3	0	0	0	0	0
J/Y	1158·3	72·5	-	151	111	34	10	-	-	-	-	0	0	-	-

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

555/837 NELSPRUIT LANDBOU/AGRIC — ø 25°27'S λ 30°58'E H 668M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	21·7	19·3	79	5·5	28·7	18·5	23·6	-0·1	36·8	20	14·7	14	21·0	13	22·2	29
FEB	21·5	19·1	79	5·2	29·2	18·5	23·9	0·2	33·2	7	13·7	22	22·5	21	21·7	20
MAR	19·7	17·6	81	4·9	28·8	16·7	22·7	-0·1	33·9	9	12·4	14	20·2	11	21·2	6
APR	18·6	16·5	80	3·7	28·7	15·5	22·1	1·3	35·1	8	11·6	24	21·7	26	19·5	15
MAY	13·7	10·9	70	1·6	26·8	9·4	18·1	0·3	34·5	8	5·7	2	17·7	16	17·4	13
JUN	10·6	8·5	75	0·8	25·8	7·2	16·5	1·3	32·2	6	3·8	11	21·7	10	12·8	4
JUL	10·7	8·5	74	1·7	-	7·7	-	-	-	-	3·6	21	-	-	13·0	9
AUG	12·3	-	-	1·9	-	7·6	-	-	-	-	4·6	12	-	-	13·0	9
SEP	15·9	12·8	69	2·7	-	10·8	-	-	-	-	2·3	2	-	-	16·7	27
OCT	19·4	16·3	72	5·0	27·9	15·1	21·5	0·2	39·2	31	7·8	8	17·0	20	20·8	28
NOV	20·3	17·4	74	6·2	27·5	16·9	22·2	-0·1	36·1	27	11·4	5	16·5	2	20·2	28
DEC	21·7	18·8	75	5·9	28·4	18·1	23·3	-0·1	38·5	17	14·2	7	18·7	6	21·0	16
J/Y	17·2	-	-	3·8	-	13·5	-	-	39·2	-	2·3	-	-	-	22·2	-

1959	R MM	RX IN 24H MM	D	REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MIN TEMP <17·5	MIN TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	TEMP <5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	154·3	27·4	2	20	16	4	2	2	8	0	0	0	0	0	4
FEB	113·2	48·5	18	10	9	4	1	0	10	0	0	0	0	0	5
MAR	21·8	5·7	25	7	6	0	0	0	13	0	0	0	0	0	2
APR	2·9	2·0	22	3	1	0	0	1	8	0	0	0	0	0	0
MAY	52·7	21·1	16	6	6	2	0	0	7	0	0	0	0	0	0
JUN	3·5	3·0	8	2	1	0	0	0	4	0	0	0	0	5	0
JUL	0·9	0·5	4	3	0	0	0	-	-	-	-	0	0	5	0
AUG	1·4	0·7	16	2	0	0	0	-	-	-	-	0	0	2	0
SEP	31·9	28·9	13	3	2	1	1	-	-	-	-	0	0	2	0
OCT	73·0	19·5	13	14	10	3	0	5	13	1	0	0	0	0	1
NOV	58·6	11·3	14	17	12	3	0	1	8	1	0	0	0	0	1
DEC	132·8	25·6	6	20	16	4	2	2	10	0	0	0	0	0	6
J/Y	647·0	48·5	-	107	79	21	6	-	-	-	-	0	0	14	19

567/738 VOIGTSGRUND SWA — ø 24°48'S λ 17°25'E H 1275M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	24·2	13·9	28	1·5	34·5	19·8	27·1	0·2	37·3	4	14·0	14	28·3	12	24·2	6
FEB	24·2	16·4	43	2·4	34·0	21·2	27·6	1·7	36·6	5	17·5	16	27·2	15	25·6	4
MAR	21·7	14·2	42	1·8	33·1	18·9	26·0	1·9	36·2	26	10·5	18	22·8	18	24·9	24
APR	17·4	10·7	41	1·9	30·4	13·8	22·1	1·5	35·4	1	3·0	30	24·7	27	23·0	2
MAY	7·6	3·5	49	0·9	23·0	4·2	13·6	-2·3	28·5	2	1·0	16	14·8	15	12·0	2
JUN	7·3	3·9	57	1·6	22·2	5·0	13·6	1·1	28·2	5	0·0	25	14·3	24	10·5	7
JUL	5·3	1·5	48	0·6	21·8	3·1	12·5	0·8	25·2	21	-1·9	18	12·9	17	7·6	4
AUG	8·5	3·7	43	0·6	25·3	5·4	14·3	-0·2	29·6	28	-0·3	9	14·3	7	11·0	11
SEP	13·5	5·7	25	1·0	29·1	9·4	19·3	1·2	34·0	27	-0·3	1	18·3	13	18·4	24
OCT	19·0	10·0	27	1·5	31·7	13·2	22·5	0·4	37·9	15	6·5	4	20·0	4	21·8	26
NOV	23·2	12·4	24	1·2	33·8	18·1	25·9	1·6	39·0	26	10·0	18	26·0	1	24·7	26
DEC	25·1	13·6	23	0·7	35·2	20·3	27·7	1·2	38·0	15	9·0	4	26·6	4	25·6	16
J/Y	16·4	9·1	37	1·3	29·3	12·7	21·0	0·7	39·0	-	-1·9	-	12·9	-	25·6	-

1959	R MM	RX IN 24H MM	D	REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MIN TEMP <17·5	MIN TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	TEMP <5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	17·7	13·3	22	3	3	1	0	16	29	0	0	0	0	0	17
FEB	33·8	17·2	6	6	4	2	0	8	27	0	0	0	0	0	19
MAR	6·0	2·9	2	3	3	0	0	5	29	0	0	0	0	0	12
APR	0·7	0·7	18	1	0	0	0	1	17	0	0	0	0	1	2
MAY	0·0	0·0	-	0	0	0	0	0	0	5	0	0	0	5	0
JUN	4·5	4·5	6	1	1	0	0	0	0	2	0	0	0	16	0
JUL	0·0	0·0	-	0	0	0	0	0	0	5	0	0	5	22	0
AUG	0·0	0·0	-	0	0	0	0	0	0	3	0	0	1	15	0
SEP	0·0	0·0	-	0	0	0	0	0	14	0	0	0	1	7	0
OCT	0·0	0·0	-	0	0	0	0	9	22	0	0	0	0	0	2
NOV	11·0	11·0	22	1	1	1	0	7	26	0	0	0	0	0	9
DEC	0·0	0·0	-	0	0	0	0	20	29	0	0	0	0	0	20
J/Y	73·7	17·2	-	15	12	4	0	66	193	15	0	0	7	66	81

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROEBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

570/628 HARUCHAS SWA

ø 24°58' S λ 18°51' E H 1100M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	24·1	16·4	43	2·8	33·9	19·8	26·9	-0·4	37·5	6	11·4	14	27·4	12	24·5	5
FEB	23·7	17·6	53	3·6	33·9	19·9	26·9	0·4	37·6	4	14·0	15	26·5	15	23·8	10
MAR	(19·5)	-	-	(2·8)	(32·1)	(16·7)	(24·4)	(-0·1)	-	-	-	-	-	-	-	-
APR	15·5	11·1	57	2·5	29·3	12·5	20·9	-0·1	35·7	14	1·0	30	16·4	29	18·2	17
MAY	5·2	2·6	62	1·6	23·6	2·6	13·1	-2·7	28·8	2	-3·5	16	15·0	15	7·0	12
JUN	5·8	3·5	67	1·9	22·7	3·5	13·1	0·8	28·5	5	-2·5	10	14·7	24	12·0	7
JUL	2·8	0·5	62	0·5	21·8	0·8	11·3	-0·4	25·2	16	-4·8	14	13·6	17	6·5	4
AUG	5·9	2·5	52	0·4	23·3	2·8	13·1	-1·4	29·7	28	-4·7	9	15·0	7	10·0	14
SEP	12·3	5·7	30	1·2	29·2	7·8	18·5	0·0	34·9	27	-1·1	2	18·4	13	18·0	26
OCT	18·6	10·3	29	1·9	31·6	13·9	22·7	0·4	38·5	15	5·0	11	20·4	4	22·0	28
NOV	24·0	15·2	36	2·3	34·2	18·9	26·5	1·2	39·0	26	11·5	3	26·0	1	23·4	22
DEC	25·6	15·7	31	1·8	35·6	19·9	27·7	1·0	38·8	31	11·5	5	27·0	4	26·4	30
J/Y	(15·3)	-	-	(1·9)	(29·3)	(11·6)	(20·4)	(-0·1)	39·0	-	-4·8	-	13·6	-	26·4	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	≥10	RAIN ≥25	MAX >35	>30	TEMP <17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	72·5	57·5	7	5	4	2	1	14	29	0	0	0	0	0	15
FEB	63·0	34·0	14	6	5	2	1	10	24	0	0	0	0	0	15
MAR	20·9	11·3	15	5	5	1	0	-	-	0	0	0	0	0	-
APR	5·9	2·0	14	4	3	0	0	0	13	2	0	0	0	1	0
MAY	1·5	1·5	20	1	1	0	0	0	0	3	0	2	5	24	0
JUN	2·5	2·5	6	1	1	0	0	0	0	2	0	0	5	21	0
JUL	0·0	0·0	-	0	0	0	0	0	0	4	0	5	14	21	0
AUG	0·0	0·0	-	0	0	0	0	0	0	3	0	1	7	23	0
SEP	0·0	0·0	-	0	0	0	0	0	14	0	0	0	2	10	0
OCT	10·3	8·0	26	2	2	0	0	7	21	0	0	0	0	0	4
NOV	15·7	8·5	23	3	3	0	0	12	28	0	0	0	0	0	14
DEC	11·6	11·0	16	2	1	1	0	22	28	0	0	0	0	0	18
J/Y	203·9	57·5	-	29	25	6	2	-	-	14	0	8	33	100	-

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

583/629 KANYE BECH

ø 24°59' S λ 25°21' E H 1372M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	20·2	16·0	64	4·2	29·1	16·6	22·9	-	33·3	21	9·4	13	22·9	7	20·9	6
FEB	20·6	16·6	66	3·9	29·9	17·4	23·7	-	34·0	27	13·0	16	26·0	15	19·9	6
MAR	19·5	15·0	62	4·1	28·4	16·7	22·5	-	35·5	5	9·4	19	21·2	11	21·1	6
APR	17·3	13·1	62	3·2	26·6	14·1	20·3	-	32·9	5	4·5	30	14·9	30	19·4	4
MAY	12·1	-	-	2·0	21·7	8·4	15·1	-	28·3	9	-0·3	16	12·4	16	15·5	10
JUN	12·0	-	-	1·1	21·2	7·7	14·5	-	25·5	7	2·3	25	17·0	9	13·7	7
JUL	11·3	-	-	2·7	19·5	7·0	13·3	-	23·4	12	1·5	19	12·5	17	10·7	13
AUG	11·6	6·4	44	0·8	21·9	7·7	14·8	-	26·6	26	2·5	17	15·4	17	13·5	30
SEP	15·7	9·7	44	0·9	26·1	11·1	18·6	-	32·4	27	2·1	1	17·4	13	16·9	8
OCT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NOV	21·1	15·6	55	2·9	30·0	17·3	23·7	-	36·0	29	-	-	-	-	-	-
DEC	20·2	16·9	72	4·6	28·0	-	-	-	34·0	26	-	-	17·9	3	-	-
J/Y	-	-	-	-	-	-	-	-	-	-	-0·3	-	-	-	-	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	≥10	RAIN ≥25	MAX >35	>30	TEMP <17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	60·5	15·0	9	8	7	2	0	0	10	0	0	0	0	0	1
FEB	40·0	19·5	7	4	4	1	0	0	12	0	0	0	0	0	0
MAR	13·5	7·0	12	2	2	0	0	1	11	0	0	0	0	0	1
APR	48·0	23·5	23	6	6	1	0	0	3	1	0	0	0	1	0
MAY	37·5	19·0	11	2	2	2	0	0	0	6	0	0	1	6	0
JUN	0·0	0·0	-	0	0	0	0	0	0	2	0	0	0	2	0
JUL	2·5	2·5	13	1	1	0	0	0	0	5	0	0	0	5	0
AUG	0·0	0·0	-	0	0	0	0	0	0	2	0	0	0	5	0
SEP	0·0	0·0	-	0	0	0	0	0	6	1	0	0	0	3	0
OCT	(25·2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NOV	55·5	22·0	30	9	8	2	0	-	-	0	0	0	0	0	-
DEC	178·5	83·5	2	11	10	4	2	0	-	0	0	-	-	-	-
J/Y	(461·2)	83·5	-	-	-	-	-	-	-	-	-	-	-	-	-

587/697 THABAZIMBI

ø 24°37' S λ 27°24' E H1026M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	-	-	-	-	29·8	18·9	24·3	-1·0	34·4	5	12·2	15	20·8	7	22·5	17
FEB	-	-	-	-	29·9	18·9	24·4	-0·9	33·0	27	16·6	23	25·1	15	21·7	7
MAR	-	-	-	-	28·9	15·9	22·9	-0·6	34·7	5	13·6	17	21·2	11	21·2	6
APR	-	-	-	-	28·4	14·7	21·5	0·4	32·7	5	8·3	20	19·5	30	18·4	11
MAY	-	-	-	-	24·0	7·9	15·9	-1·0	30·4	9	1·1	24	15·9	16	18·4	11
JUN	-	-	-	-	23·7	6·0	14·9	0·9	28·1	1	0·5	15	20·6	8	16·1	8
JUL	-	-	-	-	22·1	7·2	14·7	0·6	25·8	12	1·5	24	14·5	17	13·8	5
AUG	-	-	-	-	24·2	7·5	15·9	-1·8	30·5	30	3·0	4	17·9	31	13·0	29
SEP	-	-	-	-	28·1	13·1	20·6	-1·5	33·5	26	3·0	2	19·4	13	22·1	29
OCT	-	-	-	-	31·3	18·2	24·7	0·4	37·4	17	10·0	6	23·4	5	24·0	18
NOV	-	-	-	-	30·9	18·5	24·7	-0·1	37·0	28	14·0	4	26·0	11	24·0	27
DEC	-	-	-	-	29·8	19·3	24·5	-1·6	35·2	16	14·2	8	19·9	6	25·1	16
J/Y	-	-	-	-	27·6	13·9	20·7	-0·6	37·4	-	0·5	-	14·5	-	25·1	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	≥10	RAIN ≥25	MAX >35	>30	TEMP <17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	178·5	57·0	17	-	-	-	-	0	17	0	0	0	0	0	10
FEB	122·9	-	-	-	-	-	-	0	14	0	0	0	0	0	5
MAR	92·6	-	-	-	-	-	-	0	15	0	0	0	0	0	1
APR	37·0	18·0	14	-	4	1	0	0	6	0	0	0	0	0	0
MAY	25·8	9·8	14	-	4	0	0	0	1	2	0	0	0	4	0
JUN	0·4	0·4	8	-	0	0	0	0	0	0	0	0	0	12	0
JUL	1·9	1·5	17	-	1	0	0	0	0	2	0	0	0	12	0
AUG	8·0	8·0	8	-	1	0	0	0	1	0	0	0	0	4	0
SEP	0·0	0·0	-	-	0	0	0	0	10	0	0	0	0	2	1
OCT	15·0	5·5	14	-	4	0	0	8	19	0	0	0	0	0	8
NOV	123·9	62·5	29	-	9	3	1	2	20	0	0	0	0	0	9
DEC	165·8	87·0	6	-	6	3	3	1	17	0	0	0	0	0	11
J/Y	771·8	-	-	-	-	-	-	11	120	4	0	0	0	34	45

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

596/179 SKUKUZA

Ø 24°59'S λ 31°36'E H 266M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	23·8	21·2	78	5·3	32·9	19·9	26·4	0·5	39·0	20	15·0	16	25·8	13	–	–
FEB	23·9	21·2	78	4·0	32·5	19·1	25·8	0·0	37·8	8	14·8	26	25·0	20	23·0	20
MAR	22·6	–	–	5·1	32·1	19·0	25·5	1·0	39·0	9	13·0	16	26·0	19	–	–
APR	21·3	18·6	76	2·3	32·5	16·6	24·5	2·2	38·0	8	10·5	20	27·0	9	22·0	11
MAY	14·9	–	–	1·5	29·4	9·7	19·5	0·7	37·5	8	4·5	28	21·6	18	–	–
JUN	11·2	–	–	1·4	27·6	5·7	16·7	0·8	32·4	1	2·5	15	–	–	–	–
JUL	11·9	–	–	2·3	25·8	7·6	16·7	1·2	29·4	13	3·0	23	–	–	–	–
AUG	13·9	–	–	1·9	27·3	7·2	17·3	-0·1	37·0	30	4·2	3	–	–	–	–
SEP	17·5	14·5	70	2·7	28·9	10·4	19·7	-0·8	37·2	9	1·6	2	–	–	–	–
OCT	21·2	18·4	75	4·1	30·3	16·1	23·2	0·3	42·5	31	7·2	8	–	–	–	–
NOV	21·7	18·5	72	6·0	29·8	18·0	23·9	-0·8	39·8	27	10·0	7	–	–	–	–
DEC	23·5	20·3	75	5·3	31·2	19·8	25·5	-0·2	41·4	17	16·6	4	20·5	6	24·0	15
J/Y	19·0	–	–	3·5	30·0	14·1	22·1	0·4	42·5	–	1·8	–	–	–	–	–

1959	R MM	RX IN 24H MM	D	REEN ≥0·1	REEN ≥1·0	REEN ≥10	RAIN ≥25	MAX >35	MAX >30	TEMP <17·5	TEMP <10	MIN <-2·5	MIN <0·0	TEMP <5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	90·7	23·0	7	–	7	4	0	–	–	0	0	0	0	0	–
FEB	143·1	86·2	7	–	6	4	2	–	–	0	0	0	0	0	–
MAR	18·4	5·4	27	–	4	0	0	–	–	0	0	0	0	0	–
APR	0·0	0·0	–	–	0	0	0	–	–	0	0	0	0	0	–
MAY	50·6	21·6	15	–	3	2	0	–	–	0	0	0	0	–	–
JUN	2·8	2·8	18	–	1	0	0	–	–	–	0	0	0	–	–
JUL	20·1	10·5	8	–	6	1	0	–	–	–	0	0	0	–	–
AUG	0·0	0·0	–	–	0	0	0	–	–	–	0	0	0	–	–
SEP	67·5	45·0	13	–	3	2	1	–	–	–	0	0	0	–	–
OCT	25·0	8·2	24	–	5	0	0	–	–	0	0	0	0	0	–
NOV	17·9	7·5	30	–	4	0	0	–	–	0	0	0	0	0	–
DEC	79·3	44·0	9	–	7	1	1	7	19	0	0	0	0	0	13
J/Y	515·4	86·2	–	–	46	14	4	–	–	–	0	0	0	–	–

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

627/ 56 MOLEPOLOLE BECH

Ø 24°26'S λ 25°32'E H1052M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	21·7	17·8	67	5·8	30·7	17·1	23·9	-1·0	34·5	17	8·5	14	23·5	7	21·0	29
FEB	21·1	17·8	71	2·9	31·3	17·4	24·3	0·4	35·5	27	15·0	16	26·5	15	21·0	7
MAR	20·0	16·3	67	3·1	30·2	16·4	23·3	1·0	35·5	5	10·8	19	20·7	11	22·5	5
APR	17·5	14·7	73	2·8	29·0	14·0	21·5	2·0	33·7	5	6·8	30	17·4	30	17·2	22
MAY	11·0	7·8	63	1·6	24·0	7·7	15·9	0·3	30·3	10	2·2	23	14·3	16	15·9	11
JUN	8·7	6·0	66	–	23·4	6·0	14·7	2·1	27·7	3	2·1	14	19·5	30	11·3	8
JUL	8·0	6·0	74	–	21·6	5·3	13·5	1·3	25·6	12	1·4	16	14·0	17	10·8	28
AUG	10·2	5·9	49	–	23·6	6·5	15·1	0·0	28·5	29	2·5	17	17·0	17	9·5	27
SEP	17·7	11·6	45	–	28·4	10·9	19·7	0·4	34·5	30	4·0	1	19·5	1	18·0	30
OCT	20·8	14·2	45	–	31·9	15·9	23·9	0·7	38·0	17	6·5	6	–	–	–	–
NOV	22·6	16·9	55	–	32·1	17·5	24·8	0·9	38·5	27	13·0	4	26·5	3	22·0	29
DEC	21·6	18·3	72	–	30·1	17·5	23·8	-0·4	35·0	15	14·0	7	–	–	–	–
J/Y	16·7	12·8	62	–	28·0	12·7	20·3	0·6	38·5	–	1·4	–	–	–	–	–

1959	R MM	RX IN 24H MM	D	REEN ≥0·1	REEN ≥1·0	REEN ≥10	RAIN ≥25	MAX >35	MAX >30	TEMP <17·5	TEMP <10	MIN <-2·5	MIN <0·0	TEMP <5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	103·5	49·5	31	7	6	4	1	0	20	0	0	0	0	0	2
FEB	49·5	16·0	15	6	6	1	0	1	22	0	0	0	0	0	1
MAR	32·2	20·2	10	2	2	2	0	2	18	0	0	0	0	0	1
APR	33·5	17·0	6	3	3	2	0	0	13	1	0	0	0	0	0
MAY	53·0	41·3	11	3	2	2	1	0	2	3	0	0	0	10	0
JUN	0·0	0·0	–	0	0	0	0	0	0	0	0	0	0	14	0
JUL	8·0	5·0	14	2	2	0	0	0	0	2	0	0	0	16	0
AUG	0·0	0·0	–	0	0	0	0	0	0	1	0	0	0	5	0
SEP	0·0	0·0	–	0	0	0	0	0	10	0	0	0	0	1	0
OCT	16·0	8·5	20	4	4	0	0	–	–	–	–	0	0	0	–
NOV	30·5	14·0	11	5	5	1	0	3	22	0	0	0	0	0	3
DEC	133·0	–	–	8	–	–	–	0	–	–	–	0	0	0	–
J/Y	459·0	–	–	40	–	–	–	–	–	–	–	0	0	47	–

628/266 MOCHUDI BECH

Ø 24°26'S λ 26°09'E H 946M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	22·6	18·9	69	–	30·5	17·4	23·9	–	35·5	17	10·5	15	–	–	–	–
FEB	23·1	19·5	71	–	31·4	18·4	24·9	–	36·0	27	15·5	22	27·5	15	21·0	7
MAR	(21·2)	(17·1)	(65)	(3·4)	(29·4)	(16·8)	(23·1)	–	36·0	5	12·7	21	–	–	–	–
APR	19·1	15·0	63	2·4	29·2	14·1	21·7	–	35·0	5	7·8	20	18·5	30	–	–
MAY	11·8	9·0	68	1·1	24·0	7·3	15·7	–	31·5	10	2·5	24	14·5	16	15·2	12
JUN	(10·0)	(7·1)	(65)	–	(23·2)	(5·2)	(14·2)	–	28·0	6	1·0	–	–	–	–	–
JUL	9·4	6·9	69	3·1	22·0	5·2	13·6	–	26·0	11	2·5	18	15·0	17	–	–
AUG	11·2	6·5	46	–	24·4	6·0	15·2	–	31·0	30	3·2	20	–	–	–	–
SEP	16·8	10·6	43	0·9	28·3	10·4	19·3	–	34·5	30	4·5	2	–	–	–	–
OCT	22·5	15·4	45	2·6	32·3	16·5	24·4	–	39·1	17	8·0	5	–	–	–	–
NOV	23·2	–	–	3·4	33·4	17·9	25·7	–	39·0	28	14·2	5	26·0	20	–	–
DEC	(23·9)	–	–	(5·3)	–	–	–	–	–	–	–	–	–	–	–	–
J/Y	(17·9)	–	–	–	–	–	–	–	39·1	–	1·0	–	–	–	–	–

1959	R MM	RX IN 24H MM	D	REEN ≥0·1	REEN ≥1·0	REEN ≥10	RAIN ≥25	MAX >35	MAX >30	TEMP <17·5	TEMP <10	MIN <-2·5	MIN <0·0	TEMP <5	TEMP >20
	NEERSLAG / PRECIP			AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	50·0	16·0	7	5	5	2	0	–	–	0	0	0	0	0	–
FEB	35·5	16·5	15	4	4	2	0	1	–	0	0	0	0	0	–
MAR	28·5	26·0	8	2	2	1	1	–	–	0	0	0	0	0	–
APR	27·5	12·0	28	4	4	1	0	0	–	0	0	0	0	0	0
MAY	50·5	35·0	11	4	4	1	1	0	–	–	0	0	0	–	0
JUN	0·0	0·0	–	0	0	0	0	0	0	–	–	0	0	–	0
JUL	12·0	8·5	14	2	2	0	0	0	0	–	0	0	0	–	0
AUG	0·0	0·0	–	0	0	0	0	0	–	0	0	0	0	5	0
SEP	0·0	0·0	–	0	0	0	0	0	–	–	0	0	0	2	0
OCT	14·9	7·4	3	3	3	0	0	–	–	–	–	0	0	0	–
NOV	90·4	25·2	31	9	9	3	1	–	–	0	0	0	0	0	–
DEC	93·5	33·0	29	4	4	4	2	–	–	–	–	–	–	–	–
J/Y	402·8	35·0	–	37	37	14	5	–	–	–	–	–	–	–	–

KLIMAATTABELLE / CLIMATOLOGICAL TABLES
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROEBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEM WOLKSHOEVEELHEID
N GEMIDDELDE RELATIEWE VOG
TX GEMIDDELDE MAKSIMUM TEMP
TN GEMIDDELDE MINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

678/890 WOODBUSH BOS

ø 23°50'S λ 30°00'E H 1528M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	16·2	15·2	90	6·2	21·2	13·9	17·5	-0·1	27·5	17	9·4	15	16·1	7	17·0	27
FEB	15·8	15·1	93	6·0	21·2	13·7	17·5	0·1	26·0	7	9·9	22	14·2	21	17·5	16
MAR	14·9	14·0	90	5·1	20·4	12·8	16·6	-0·1	26·8	5	8·9	21	12·7	19	16·3	9
APR	14·2	13·1	88	4·5	20·2	12·5	16·3	0·8	25·5	8	9·0	19	14·4	18	15·6	8
MAY	12·4	9·2	86	1·3	19·6	9·4	14·5	1·3	25·6	8	3·4	17	10·5	17	15·5	8
JUN	10·4	7·9	71	-	17·3	7·6	12·5	1·5	22·7	1	4·5	13	-	-	12·6	1
JUL	9·2	7·5	78	-	15·2	6·9	11·1	0·3	19·2	23	3·5	18	9·0	5	11·0	16
AUG	10·5	7·6	67	-	17·6	7·1	12·3	0·0	25·5	30	4·0	10	8·0	9	-	-
SEP	12·5	10·2	73	-	19·7	8·2	13·9	-0·7	27·0	21	1·6	2	8·6	10	15·1	22
OCT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NOV	(14·3)	-	-	-	(20·7)	(12·2)	(16·5)	(-0·5)	28·8	27	7·2	-	-	-	-	-
DEC	16·1	-	-	-	21·2	13·0	17·1	-0·4	29·2	16	8·5	3	11·2	6	18·0	17
J/Y	-	-	-	-	-	-	-	-	-	-	1·6	-	-	-	-	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	REEN / RAIN ≥0·1	≥1·0	≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
				AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	349·5	96·0	7	21	18	10	6	0	0	4	0	0	0	0	0
FEB	333·1	87·2	9	14	13	9	5	0	0	2	0	0	0	0	0
MAR	132·0	22·2	12	14	13	7	0	0	0	8	0	0	0	0	0
APR	31·0	12·0	16	8	5	1	0	0	0	7	0	0	0	0	0
MAY	5·0	3·0	13	2	2	0	0	0	0	9	0	0	0	3	0
JUN	1·5	0·8	27	4	0	0	0	0	0	-	0	0	0	1	0
JUL	50·8	26·0	5	5	4	2	1	0	0	23	1	0	0	3	0
AUG	13·5	8·5	9	3	2	0	0	0	0	-	-	0	0	-	0
SEP	36·9	13·5	13	7	6	2	0	0	0	13	1	0	0	3	0
OCT	121·7	43·5	19	-	-	-	-	-	-	-	-	-	-	-	-
NOV	303·9	92·0	16	16	15	9	3	0	0	-	-	0	0	0	-
DEC	430·0	90·5	18	17	16	10	7	0	0	7	0	0	0	0	0
J/Y	1808·9	96·0	-	-	-	-	-	-	-	-	-	-	-	-	-

679/508 THABINA NAF

ø 23°58'S λ 30°17'E H 700M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	22·9	20·6	81	5·4	29·7	19·3	24·5	-	36·5	20	15·5	16	23·0	3	22·0	28
FEB	22·3	20·5	85	5·5	31·4	19·1	25·3	-	35·5	7	15·5	4	25·5	10	24·2	15
MAR	(21·3)	(19·4)	(84)	(5·0)	(29·8)	(17·0)	(23·4)	-	35·0	18	14·5	21	-	-	-	-
APR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAY	14·9	13·1	81	2·9	-	-	-	-	-	-	-	-	-	-	-	-
JUN	12·8	11·7	88	5·1	25·2	7·4	16·3	-	31·0	6	3·0	12	20·1	17	11·4	4
JUL	12·0	11·1	90	4·7	23·7	9·0	16·3	-	27·0	12	3·5	23	15·0	5	15·4	16
AUG	14·0	11·9	78	5·5	25·8	7·8	16·8	-	33·5	30	5·0	15	-	-	14·5	8
SEP	17·0	13·3	65	5·4	28·0	10·3	19·1	-	35·5	30	2·0	2	18·0	13	16·5	30
OCT	21·1	17·0	65	6·7	30·4	16·2	23·3	-	39·0	18	7·5	9	21·5	6	22·0	3
NOV	21·0	18·2	76	6·6	28·4	17·4	22·9	-	39·0	27	11·0	5	16·5	2	22·5	28
DEC	22·1	-	-	7·0	29·5	19·0	24·3	-	40·5	16	15·0	7	17·5	6	-	-
J/Y	-	-	-	-	-	-	-	-	40·5	-	-	-	-	-	-	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	REEN / RAIN ≥0·1	≥1·0	≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
				AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	150·0	42·0	6	14	13	6	1	2	-	0	0	0	0	0	-
FEB	178·3	44·0	15	13	12	5	4	3	-	0	0	0	0	0	-
MAR	19·2	9·5	9	5	4	0	0	0	-	0	0	0	0	0	-
APR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAY	2·1	2·1	13	1	1	0	0	-	-	-	-	-	-	-	-
JUN	8·5	5·0	16	2	2	0	0	0	2	0	0	0	0	-	0
JUL	8·8	7·5	5	2	2	0	0	0	0	1	0	0	0	4	0
AUG	0·0	0·0	-	0	0	0	0	0	5	-	0	0	0	0	0
SEP	14·5	14·5	14	1	1	1	0	1	11	0	0	0	0	2	0
OCT	16·5	16·5	20	1	1	1	0	5	17	0	0	0	0	0	3
NOV	111·0	45·0	30	8	8	4	1	-	-	-	0	0	0	0	-
DEC	109·6	49·0	19	8	7	4	1	-	-	0	0	0	0	0	-
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TXX HOOGSTE MAKS TEMP
TNN LAAGSTE MIN TEMP
TXN LAAGSTE MAKS TEMP
TNX HOOGSTE MIN TEMP
R TOTALE REENVAL
RX MAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

680/167 CHESTER

ø 23°47'S λ 30°36'E H 518M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	24·1	20·8	73	4·8	31·5	19·3	25·3	0·2	38·0	20	14·0	3	24·3	7	21·9	24
FEB	23·5	21·1	80	3·4	30·8	19·0	24·9	-0·2	35·7	7	14·9	22	26·0	10	22·2	16
MAR	22·2	19·6	78	5·7	30·6	17·5	24·1	0·0	38·0	9	15·3	21	25·0	19	22·0	6
APR	21·5	18·4	73	4·0	31·0	16·1	23·5	2·1	37·6	8	9·2	20	24·5	9	20·6	9
MAY	17·9	13·4	59	1·6	29·8	9·6	19·7	1·5	37·5	8	5·1	24	23·0	18	17·3	12
JUN	14·7	12·0	72	1·7	27·2	7·5	17·3	1·7	33·5	6	2·6	13	21·0	17	16·2	4
JUL	14·8	12·4	75	1·8	25·7	8·9	17·3	2·1	29·0	12	3·0	22	17·7	5	15·5	9
AUG	16·2	13·8	76	1·3	26·7	7·7	17·2	0·3	36·0	30	4·6	2	17·5	9	11·6	6
SEP	18·9	-	-	2·4	28·6	10·3	19·5	-0·6	36·0	28	3·9	2	-	-	-	-
OCT	22·4	-	-	4·2	31·7	16·1	23·9	1·5	44·5	31	7·0	8	21·6	22	22·5	28
NOV	22·4	-	-	5·8	30·7	18·0	24·3	0·2	39·5	27	10·5	-	18·3	2	22·7	30
DEC	23·2	-	-	5·7	30·7	19·2	24·9	0·1	41·0	16	15·1	7	-	-	-	-
J/Y	20·1	-	-	3·5	29·6	14·1	21·9	0·8	44·5	-	2·6	-	-	-	-	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	REEN / RAIN ≥0·1	≥1·0	≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
				AANTAL DAE MET / NUMBER OF DAYS WITH											
JAN	117·5	23·5	7	10	10	6	0	7	18	0	0	0	0	0	12
FEB	106·4	30·0	3	8	7	6	1	1	17	0	0	0	0	0	10
MAR	11·9	7·0	9	5	3	0	0	-	-	0	0	0	0	0	-
APR	5·6	3·5	29	3	2	0	0	4	15	0	0	0	0	0	3
MAY	1·6	1·0	18	2	1	0	0	1	15	0	0	0	0	0	0
JUN	1·5	1·5	17	1	1	0	0	0	5	0	0	0	0	8	0
JUL	8·0	4·5	3	2	2	0	0	0	0	0	0	0	0	5	0
AUG	2·0	2·0	9	1	1	0	0	1	6	0	0	0	0	1	0
SEP	5·0	5·0	13	1	1	0	0	-	-	0	0	0	0	-	0
OCT	4·9	3·5	21	2	2	0	0	10	18	0	0	0	0	0	5
NOV	61·3	36·0	30	6	5	2	1	3	18	0	0	0	0	0	6
DEC	64·0	29·0	18	6	6	2	1	-	-	0	0	0	0	0	-
J/Y	389·7	36·0	-	47	41	16	3	-	-	0	0	0	0	-	-

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

716/515 MAHALAPYE BECH AGRIC ø 23°05'S λ 26°48'E H1006M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	22·1	18·7	71	5·3	29·4	17·2	23·3	-	34·4	17	8·3	14	23·5	8	20·0	21
FEB	21·4	18·5	75	4·2	29·7	17·0	23·3	-	33·9	6	12·2	23	24·4	10	21·7	7
MAR	19·9	17·0	74	4·0	28·3	15·1	21·7	-	35·0	5	11·7	15	19·4	11	20·0	7
APR	18·4	14·7	66	2·6	28·5	12·6	20·5	-	33·3	4	6·7	21	21·1	23	19·4	15
MAY	13·1	9·5	61	1·3	26·2	6·9	16·5	-	32·2	7	1·1	26	17·2	17	15·6	12
JUN	9·7	7·5	73	1·4	24·0	4·2	14·1	-	29·4	1	0·0	10	17·8	29	11·1	8
JUL	10·3	7·7	69	3·3	22·4	5·4	13·9	-	27·2	13	1·1	23	17·2	18	12·8	17
AUG	11·9	8·2	59	0·8	24·2	5·2	14·7	-	32·2	30	1·1	20	18·5	9	10·6	9
SEP	17·2	11·4	46	1·6	27·8	9·6	18·7	-	33·9	26	1·1	3	20·0	1	16·7	27
OCT	22·5	15·8	47	3·3	32·4	15·7	24·1	-	37·8	17	7·2	8	22·8	7	22·2	18
NOV	25·6	17·9	56	5·0	32·1	18·0	25·1	-	38·3	28	12·2	6	25·0	20	23·3	29
DEC	25·6	18·9	63	5·7	30·8	19·2	25·0	-	36·7	16	15·0	31	18·3	6	23·9	16
J/Y	17·8	13·8	63	3·2	28·0	12·2	20·1	-	38·3	-	0·0	-	17·2	-	23·9	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH: REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
JAN	48·1	16·8	24	9	7	2	0	0	13	0	0	0	0	0	0
FEB	49·9	27·0	15	6	5	2	1	0	14	0	0	0	0	0	2
MAR	61·9	23·9	9	6	5	3	0	0	10	0	0	0	0	0	0
APR	30·0	19·0	25	4	4	1	0	0	10	0	0	0	0	0	0
MAY	3·8	2·3	14	2	2	0	0	0	5	1	0	0	0	10	0
JUN	0·0	0·0	-	0	0	0	0	0	0	0	0	0	0	19	0
JUL	0·0	0·0	-	0	0	0	0	0	0	1	0	0	0	14	0
AUG	0·0	0·0	-	0	0	0	0	0	1	0	0	0	0	14	0
SEP	0·0	0·0	-	0	0	0	0	0	9	0	0	0	0	6	0
OCT	7·1	3·3	29	3	3	0	0	10	22	0	0	0	0	0	3
NOV	42·9	13·5	19	6	6	2	0	5	21	0	0	0	0	0	4
DEC	43·3	29·0	6	7	6	1	1	4	22	0	0	0	0	0	8
J/Y	287·0	29·0	-	45	38	11	2	19	127	2	0	0	0	63	17

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

766/858 GODLDVILLE HOSP ø 22°48'S λ 30°29'E H 762M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	21·7	19·7	83	6·1	28·3	18·6	23·5	-	35·2	17	14·3	15	20·1	3	22·0	29
FEB	21·7	19·5	81	5·4	29·3	18·4	23·9	-	35·8	6	14·0	22	22·0	21	21·8	7
MAR	20·0	18·3	85	6·6	27·7	17·6	22·7	-	35·7	9	14·0	21	18·8	19	22·0	9
APR	19·8	17·4	79	4·8	28·7	17·0	22·9	-	35·2	8	14·2	28	20·6	26	20·4	25
MAY	18·1	13·6	59	2·5	28·5	14·4	21·5	-	34·8	9	8·7	17	19·8	17	20·1	9
JUN	15·3	12·2	69	3·0	25·2	12·8	19·0	-	31·1	1	9·4	11	17·3	17	15·9	9
JUL	14·8	12·2	73	3·8	23·3	12·3	17·8	-	28·0	13	9·7	21	13·9	5	14·8	13
AUG	15·7	12·2	65	3·2	25·2	12·3	18·7	-	32·3	30	8·5	20	14·4	9	17·2	3
SEP	17·8	13·9	64	3·5	27·6	13·5	20·5	-	34·8	26	7·5	14	16·9	10	20·6	22
OCT	20·4	16·6	67	4·7	29·6	16·4	23·0	-	40·1	31	10·5	8	17·3	20	24·1	31
NOV	20·7	17·6	73	6·0	28·5	16·7	22·6	-	37·4	27	10·8	3	14·7	2	23·4	1
DEC	21·5	18·9	78	6·4	28·7	17·8	23·3	-	38·8	16	12·4	7	16·8	6	26·1	17
J/Y	19·0	16·0	73	4·7	27·5	15·7	21·6	-	40·1	-	7·5	-	13·9	-	26·1	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH: REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
JAN	325·5	79·5	6	24	15	7	5	1	13	0	0	0	0	0	5
FEB	162·7	62·5	17	16	11	4	2	1	13	0	0	0	0	0	9
MAR	123·2	56·9	9	17	9	3	1	1	6	0	0	0	0	0	3
APR	7·7	4·5	22	9	2	0	0	1	13	0	0	0	0	0	1
MAY	3·4	3·3	14	2	1	0	0	0	11	0	0	0	0	0	1
JUN	3·4	1·5	28	5	1	0	0	0	3	1	0	0	0	0	0
JUL	24·5	15·5	5	6	2	1	0	0	0	2	0	0	0	0	0
AUG	16·4	10·5	9	6	3	1	0	0	3	2	0	0	0	0	0
SEP	9·9	5·7	13	11	1	0	0	0	12	1	0	0	0	0	1
OCT	65·4	23·2	20	12	6	3	0	7	17	1	0	0	0	0	5
NOV	55·4	24·0	14	16	8	2	0	2	16	2	0	0	0	0	4
DEC	223·4	68·0	18	23	10	6	3	5	12	1	0	0	0	0	5
J/Y	1020·9	79·5	-	147	69	27	11	18	119	10	0	0	0	0	34

809/706 MACUVILLE LANDBOU/AGRIC ø 22°16'S λ 29°54'E H 518M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	24·4	21·0	73	4·9	-	20·6	-	-	37·8	17	17·0	15	-	-	22·7	22
FEB	24·3	20·8	72	3·8	31·8	19·2	25·5	-	38·6	6	13·7	25	25·2	21	25·8	7
MAR	23·4	19·8	71	4·6	30·8	17·5	24·1	-	38·9	9	12·2	24	23·6	11	23·0	6
APR	23·1	18·9	66	3·2	31·0	16·0	23·5	-	37·0	8	8·5	20	25·4	18	21·5	9
MAY	18·6	14·5	63	1·7	29·7	-	-	-	35·6	9	-	-	20·6	17	-	-
JUN	16·0	12·8	68	1·5	26·3	-	-	-	31·9	6	-	-	18·8	17	-	-
JUL	16·3	12·8	66	3·4	25·3	-	-	-	29·2	13	-	-	20·7	6	-	-
AUG	17·2	12·8	59	1·6	27·0	-	-	-	33·9	30	-	-	18·5	9	-	-
SEP	19·9	14·8	56	2·2	29·3	-	-	-	38·5	22	-	-	21·3	10	-	-
OCT	24·2	18·6	57	3·1	33·0	-	-	-	43·2	31	-	-	21·2	6	-	-
NOV	25·2	19·7	59	4·1	32·6	-	-	-	40·0	30	-	-	22·5	3	-	-
DEC	25·5	20·9	65	4·9	32·8	21·1	26·9	-	40·4	16	16·5	31	21·2	6	26·2	17
J/Y	21·5	17·3	65	3·3	-	-	-	-	43·2	-	-	-	18·5	-	-	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH: REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	MAX TEMP <17·5	MAX TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	MIN TEMP <5	MIN TEMP >20
JAN	62·4	25·2	6	5	5	2	1	-	-	-	0	0	0	0	22
FEB	92·4	44·2	15	6	5	3	1	4	21	0	0	0	0	0	14
MAR	26·5	26·5	9	1	1	1	1	5	19	0	0	0	0	0	7
APR	4·5	4·5	16	1	1	0	0	3	20	0	0	0	0	0	2
MAY	1·3	1·3	14	1	1	0	0	2	17	0	0	-	-	-	-
JUN	0·0	0·0	-	0	0	0	0	0	4	0	0	-	-	-	-
JUL	0·0	0·0	-	0	0	0	0	0	0	0	0	-	-	-	-
AUG	0·0	0·0	-	0	0	0	0	0	7	0	0	-	-	-	-
SEP	0·0	0·0	-	0	0	0	0	5	13	0	0	-	-	-	-
OCT	0·0	0·0	-	0	0	0	0	13	21	0	0	-	-	-	-
NOV	29·9	14·4	9	3	3	2	0	6	23	0	0	-	-	-	-
DEC	63·8	20·8	10	5	5	3	0	12	22	0	0	0	0	0	21
J/Y	280·8	44·2	-	22	21	11	3	-	-	-	0	-	-	-	-

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

P GEMIDDELDE LUGDRUK
T GEMIDDELDE DROEBOL TEMP
T' GEMIDDELDE NATBOL TEMP
U GEMIDDELDE RELATIEWE VOG
N GEM WOLKSHOEVEELHEID
TX GEMIDDELDE WAKSIMUM TEMP
TN GEMIDDELDE WINIMUM TEMP
TM TX + TN / 2
ΔTM AFWYKING VAN DIE NORMAAL
H HOOGTE VAN STASIE

TXX HOOGSTE WAKS TEMP
TNN LAAGSTE WIN TEMP
TXN LAAGSTE WAKS TEMP
TNX HOOGSTE WIN TEMP
R TOTALE REENVAL
RX WAKSIMUM REENVAL
GPM GEOPOTENTIALE METERS
HT HOOGTE VAN DROEBOL TERM
HR HOOGTE VAN REENMETER
HA HOOGTE VAN ANEMOGRAAF

874/765 EBENEZER SWA

Ø 21°15' S λ 17°56' E H1579M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	22·0	-	-	3·1	32·0	16·9	24·5	-	34·7	18	12·4	14	26·4	23	19·8	29
FEB	20·0	-	-	2·6	29·9	16·6	23·3	-	34·1	23	11·2	16	25·3	12	20·6	5
MAR	19·5	-	-	3·7	30·3	16·5	23·4	-	33·4	25	12·5	21	26·6	17	19·1	26
APR	(18·2)	-	-	(2·8)	(29·3)	(14·9)	(22·1)	-	32·0	5	11·0	28	22·8	27	19·4	2
MAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUL	8·8	-	-	0·4	22·8	5·8	14·3	-	26·0	21	0·0	22	20·8	9	9·2	7
AUG	9·6	-	-	0·0	24·3	7·1	15·7	-	28·3	6	3·0	18	20·2	18	10·3	11
SEP	15·2	-	-	0·5	28·6	10·6	19·6	-	32·5	23	0·3	1	-	-	-	-
OCT	21·8	-	-	2·4	32·8	16·2	24·5	-	35·6	25	7·9	5	29·9	19	21·2	28
NOV	22·4	-	-	2·5	(33·6)	(17·3)	(25·5)	-	36·6	26	13·2	4	-	-	-	-
DEC	22·4	-	-	3·3	33·2	18·2	25·7	-	36·0	2	14·4	18	29·5	4	20·9	23
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	TEMP <17·5	TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	TEMP <5	TEMP >20
JAN	40·0	11·0	24	9	9	1	0	0	26	0	0	0	0	0	0
FEB	108·6	50·5	11	9	8	3	1	0	12	0	0	0	0	0	1
MAR	25·8	16·5	16	4	3	1	0	0	14	0	0	0	0	0	0
APR	0·3	0·3	20	1	0	0	0	0	-	0	0	0	0	0	0
MAY	0·0	0·0	-	0	0	0	0	-	-	-	-	-	-	-	-
JUN	0·0	0·0	-	0	0	0	0	-	-	-	-	-	-	-	-
JUL	0·0	0·0	-	0	0	0	0	0	0	0	0	0	0	5	0
AUG	0·0	0·0	-	0	0	0	0	0	0	0	0	0	0	4	0
SEP	0·0	0·0	-	0	0	0	0	0	-	-	0	0	0	-	-
OCT	1·5	1·5	14	1	1	0	0	1	23	0	0	0	0	0	2
NOV	1·7	1·7	4	1	1	0	0	-	-	0	0	0	0	0	-
DEC	38·5	18·5	17	5	4	2	0	2	22	0	0	0	0	0	4
J/Y	216·4	50·5	-	30	26	7	1	-	-	-	-	-	-	-	-

915/623 EREMUTUA NE SWA

Ø 20°53' S λ 15°51' E H1250M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	21·7	15·0	47	3·1	33·4	16·6	25·0	0·9	35·8	14	7·8	9	31·0	29	20·8	22
FEB	19·9	16·3	69	2·1	30·6	16·1	23·3	0·4	35·2	25	10·5	15	26·8	13	21·0	5
MAR	21·3	15·9	57	2·9	32·6	17·0	24·8	2·2	35·6	25	12·7	4	27·9	7	22·0	10
APR	19·6	14·2	54	2·5	30·9	15·3	23·1	1·6	34·5	1	4·6	30	20·7	29	19·7	6
MAY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUN	14·8	9·0	45	0·8	25·9	10·1	18·0	1·8	29·1	4	3·2	8	23·3	28	16·3	5
JUL	12·8	7·3	44	0·1	24·7	8·5	16·6	0·8	27·1	15	-1·7	17	16·8	13	11·8	2
AUG	15·1	7·9	33	0·3	26·8	10·0	18·4	0·3	30·0	26	2·0	16	24·6	4	15·0	10
SEP	17·8	9·2	28	1·0	30·6	13·5	22·1	0·8	-	-	7·8	14	25·0	1	-	-
OCT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NOV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEC	22·5	12·7	29	2·5	34·5	14·3	24·4	0·4	37·5	30	7·4	10	30·2	17	20·1	16
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	TEMP <17·5	TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	TEMP <5	TEMP >20
JAN	68·8	39·3	31	13	8	1	1	5	31	0	0	0	0	0	4
FEB	85·3	18·3	8	12	9	4	0	1	14	0	0	0	0	0	1
MAR	12·0	4·1	6	7	5	0	0	2	29	0	0	0	0	0	4
APR	3·6	2·6	13	3	1	0	0	0	24	0	0	0	0	1	0
MAY	7·9	7·9	2	1	1	0	0	-	-	-	-	-	-	-	-
JUN	0·0	0·0	-	0	0	0	0	0	0	0	0	0	0	1	0
JUL	0·0	0·0	-	0	0	0	0	0	0	1	0	0	1	4	0
AUG	0·0	0·0	-	0	0	0	0	0	0	0	0	0	0	2	0
SEP	0·0	0·0	-	0	0	0	0	-	-	0	0	0	0	0	-
OCT	0·0	0·0	-	0	0	0	0	-	-	-	-	-	-	-	-
NOV	11·5	7·0	29	4	4	0	0	-	-	-	-	-	-	-	-
DEC	5·0	5·0	1	1	1	0	0	11	-	0	0	0	0	0	2
J/Y	194·1	39·3	-	41	29	5	1	-	-	-	-	-	-	-	-

1208/475 RUNTU SWA NAF

Ø 17°55' S λ 19°46' E H1102M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	08				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	(20·6)	(18·4)	(81)	(3·7)	-	(18·6)	-	-	-	-	13·6	14	-	-	-	-
FEB	(18·7)	(17·2)	(86)	(3·4)	(31·0)	(17·1)	(24·1)	-	34·4	20	12·8	27	-	-	-	-
MAR	(19·3)	(18·1)	(89)	(4·4)	(30·6)	(17·7)	(24·1)	-	34·3	1	15·1	25	-	-	-	-
APR	18·9	16·7	80	2·8	30·4	16·1	23·3	-	33·1	3	12·9	21	22·4	24	19·9	9
MAY	13·2	9·9	65	1·0	29·4	9·6	19·5	-	32·7	10	1·2	18	24·4	17	17·4	12
JUN	11·8	8·3	62	0·4	27·8	8·7	18·3	-	31·0	4	3·5	11	25·0	19	14·4	30
JUL	10·3	7·4	67	1·4	26·5	7·5	17·0	-	30·8	16	0·5	20	23·0	19	17·3	17
AUG	11·8	7·5	54	0·6	28·7	8·3	18·5	-	33·2	30	3·9	18	24·0	18	16·6	22
SEP	(17·6)	(10·4)	(38)	(0·0)	(32·4)	(10·4)	(21·4)	-	35·6	24	3·7	3	-	-	-	-
OCT	(22·0)	(15·1)	(47)	(2·0)	(36·0)	(18·0)	(27·0)	-	38·4	23	11·1	6	-	-	-	-
NOV	22·7	18·1	63	2·3	34·0	19·5	26·7	-	38·4	1	16·1	6	22·1	15	21·8	21
DEC	(21·6)	-	-	(4·6)	(32·5)	(19·4)	(25·9)	-	36·1	1	18·0	1	-	-	-	-
J/Y	(17·4)	-	-	(2·2)	-	(14·2)	-	-	38·4	-	0·5	-	-	-	-	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	REEN ≥1·0	RAIN ≥10	RAIN ≥25	MAX TEMP >35	MAX TEMP >30	TEMP <17·5	TEMP <10	MIN TEMP <-2·5	MIN TEMP <0·0	TEMP <5	TEMP >20
JAN	(85·9)		-	-	-	-	-	-	-	-	-	0	0	0	-
FEB	156·0	66	11	7	7	4	2	0	-	-	-	0	0	0	-
MAR	191·0	49	8	10	9	6	4	0	-	-	-	0	0	0	-
APR	18·0	15	23	3	3	1	0	0	20	0	0	0	0	0	0
MAY	1·8	1	11	1	1	0	0	0	8	0	0	0	0	2	-
JUN	0·0	0	-	0	0	0	0	0	2	0	0	0	0	1	-
JUL	0·0	0	-	0	0	0	0	0	1	0	0	0	0	4	0
AUG	0·0	0	-	0	0	0	0	0	9	0	0	0	0	3	0
SEP	0·0	0	-	0	0	0	0	-	-	-	-	0	0	-	-
OCT	11·8	6	8	3	3	0	0	-	-	-	-	0	0	0	-
NOV	40·2	23	15	6	4	1	0	-	-	-	-	0	0	0	8
DEC	62·0	16	23	8	7	2	0	-	-	-	-	0	0	0	-
J/Y	(566·7)		-	-	-	-	-	-	-	-	-	0	0	-	-

K L I M A A T T A B E L L E / C L I M A T O L O G I C A L T A B L E S
STASIES VAN DIE DERDE ORDE / THIRD ORDER STATIONS

1219/259 KASANE BECH PROT ø 17°49'S λ 25°09'E H 914M HT 1·2M HR 1·2M

1959	T °C	T' °C	U %	N 0-8	TX °C	TN °C	TM °C	ΔTM °C	TXX °C	D	TNN °C	D	TXN °C	D	TNX °C	D
	OB				UITERSTE TEMPERATURE / EXTREME TEMPERATURES											
JAN	22·9	20·3	82	4·8	31·2	18·6	24·9	0·2	36·7	24	11·2	15	25·6	7	21·2	29
FEB	22·5	20·2	81	4·9	30·0	18·7	24·3	-0·4	34·4	19	14·6	17	25·3	10	20·8	9
MAR	22·5	19·5	75	3·8	30·8	18·5	24·7	0·5	34·0	26	13·4	22	26·0	19	21·5	9
APR	22·4	18·3	66	2·1	31·3	16·3	23·8	0·6	34·0	9	12·4	21	26·5	10	21·3	9
MAY	19·1	15·0	63	2·1	29·7	11·7	20·7	0·4	34·5	3	4·0	18	23·7	17	19·9	15
JUN	16·3	12·1	60	1·1	27·9	10·2	19·1	1·5	30·1	23	5·1	15	23·8	19	14·0	29
JUL	16·6	12·7	62	3·0	26·8	11·3	19·1	1·6	31·3	14	5·2	24	22·3	2	16·7	6
AUG	17·0	10·6	42	0·5	28·6	11·0	19·8	0·1	32·5	30	6·7	2	24·0	19	14·9	9
SEP	20·9	13·7	42	0·3	32·3	14·6	23·5	-0·7	36·7	30	9·5	1	26·4	1	22·3	23
OCT	26·5	16·0	30	1·3	36·6	19·2	27·9	1·2	39·4	23	14·1	1	32·9	4	24·0	23
NOV	25·1	18·7	52	4·1	33·6	19·0	26·3	-0·1	38·0	26	15·2	25	27·8	16	21·2	2
DEC	23·0	20·1	76	-	30·4	20·1	25·3	0·5	38·5	3	18·4	23	22·3	23	24·5	3
J/Y	21·2	16·4	61	-	30·8	15·8	23·3	0·5	39·4	-	4·0	-	22·3	-	24·5	-

1959	NEERSLAG / PRECIP R MM	RX IN 24H MM	D	AANTAL DAE MET / NUMBER OF DAYS WITH REEN ≥0·1	≥1·0	RAIN ≥10	≥25	MAX TEMP >35	>30	<17·5	<10	MIN TEMP <-2·5	<0·0	<5	>20
JAN	195·0	48·0	6	12	12	5	4	2	24	0	0	0	0	0	6
FEB	73·5	25·0	8	10	10	2	1	0	12	0	0	0	0	0	5
MAR	44·5	20·5	3	6	6	2	0	0	24	0	0	0	0	0	8
APR	3·0	3·0	9	1	1	0	0	0	25	0	0	0	0	0	1
MAY	1·0	1·0	10	1	1	0	0	0	15	0	0	0	0	2	0
JUN	0·0	0·0	-	0	0	0	0	0	2	0	0	0	0	0	0
JUL	0·0	0·0	-	0	0	0	0	0	4	0	0	0	0	0	0
AUG	0·0	0·0	-	0	0	0	0	0	6	0	0	0	0	0	0
SEP	0·0	0·0	-	0	0	0	0	4	25	0	0	0	0	0	1
OCT	2·5	1·5	30	2	2	0	0	25	31	0	0	0	0	0	14
NOV	43·5	14·0	15	7	7	1	0	11	26	0	0	0	0	0	7
DEC	169·2	49·2	14	17	14	5	2	5	17	0	0	0	0	0	14
J/Y	532·2	49·2	-	56	53	15	7	47	211	0	0	0	0	0	56

TXX HIGHEST MAX TEMP
TNN LOWEST MIN TEMP
TXN LOWEST MAX TEMP
TNX HIGHEST MIN TEMP
R TOTAL RAINFALL
RX MAXIMUM RAINFALL
GPM GEOPOTENTIAL METRES
HT HEIGHT OF DRY BULB THERM
HR' HEIGHT OF RAINGAUGE
HA HEIGHT OF ANEMOGRAPH

P MEAN PRESSURE
T MEAN DRY BULB TEMP
T' MEAN WET BULB TEMP
U MEAN RELATIVE HUMIDITY
N MEAN CLOUD AMOUNT
TX MEAN MAXIMUM TEMP
TN MEAN MINIMUM TEMP
TM TX + TN / 2
ΔTM DEVIATION FROM NORMAL
H HEIGHT OF STATION

GEMIDDELDE GRASMINIMUM- EN GROND- TEMPERATURE °C

MEAN GRASS MINIMUM AND SOIL TEMPERATURES °C

SAST CM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	J/Y
20/719C TABLE MOUNTAIN HOUSE					ø 33°59' S λ 18°24' E		H 761M						1959
GRAS/GRASS	9.2	11.4	9.3	7.7	6.3	5.3	4.5	6.0	5.9	6.4	8.2	9.8	7.5
ABS MIN	5.8	6.1	5.0	4.0	0.3	-0.8	0.8	-0.3	1.0	0.5	3.2	6.8	-0.8
DAT	13	2	23	8	16	4	28	7	13	4	1	11	
20/744 CAPE TOWN CITY HOSP					ø 33°54' S λ 18°25' E		H 16M						1959
GROND/SOIL 08 30	27.2	27.7	24.8	20.9	16.5	14.6	13.8	14.8	16.7	20.1	23.8	26.1	20.6
XX/XX/XX/XX 08 60	26.7	27.2	24.9	21.6	17.4	15.6	14.6	15.2	16.8	19.8	23.1	25.4	20.7
08 120	25.4	26.0	24.9	22.7	19.1	16.9	15.8	15.7	16.7	18.9	21.5	23.9	20.6
20/779 KIRSTENBOSCH BOT					ø 33°59' S λ 18°26' E		H 89M						1959
GRAS/GRASS	11.1	12.7	10.4	9.2	8.0	5.6	4.8	6.6	-	-	-	-	-
ABS MIN	8.0	7.3	5.5	5.1	1.8	1.9	2.0	1.0	-	-	-	-	-
DAT	18	2	22	24	15	25	26	7	-	-	-	-	-
21/591 ELSENBURG AGR					ø 33°51' S λ 18°50' E		H 181M						1959
GRAS/GRASS	10.4	11.7	10.6	8.3	7.2	4.0	2.9	4.5	5.6	6.4	8.5	10.7	7.6
ABS MIN	6.5	5.0	5.0	4.0	1.0	-0.9	0.5	-1.0	-0.9	0.6	3.5	5.6	-1.0
DAT	21	20	19	23	15	4	26	7	13	6	1	5	
GROND/SOIL 08 10	22.5	23.1	20.2	15.5	12.3	-	8.6	9.6	11.4	14.2	18.1	20.8	-
XX/XX/XX/XX 08 20	-	-	-	-	-	-	-	-	-	-	-	-	-
08 30	26.7	26.8	23.9	18.8	14.4	12.7	11.3	12.4	14.4	17.2	21.8	23.7	18.7
08 60	26.6	26.8	24.7	20.2	15.6	13.8	12.5	13.2	14.8	17.4	21.7	23.7	19.3
08 120	24.9	25.4	24.3	21.4	17.4	15.4	14.2	14.0	14.8	16.7	19.6	22.2	19.2
21/793 PAARL AGR					ø 33°43' S λ 18°57' E		H 166M						1959
GRAS/GRASS	12.7	14.4	12.0	9.1	7.5	2.4	1.1	3.3	5.3	8.7	11.3	12.5	8.4
ABS MIN	8.6	9.0	6.4	3.5	1.6	-1.5	-1.5	-1.4	-0.7	2.0	5.2	6.8	-1.5
DAT	12	22	22	24	17	26	26	7	13	5	1	10	
GROND/SOIL 08 10	22.6	23.5	20.6	15.7	12.4	9.6	8.7	9.9	12.2	15.6	20.1	21.7	16.1
XX/XX/XX/XX 08 20	24.1	25.0	22.3	17.4	13.3	11.1	10.4	11.4	13.6	16.9	21.5	23.2	17.5
08 30	25.6	26.2	23.3	17.9	13.8	11.7	10.9	11.8	14.1	17.6	22.4	24.4	18.3
08 60	25.7	25.9	24.0	19.8	15.5	13.3	12.4	12.9	14.7	17.8	21.9	24.2	19.0
08 120	24.1	24.3	23.4	20.9	17.3	15.1	13.9	13.7	14.6	16.9	19.9	22.4	18.9
21/860 BIEN DONNE AGR					ø 33°50' S λ 18°59' E		H 158M						1959
GRAS/GRASS	11.7	13.9	11.5	8.2	6.8	2.2	0.8	3.1	4.0	7.7	11.1	12.2	7.8
ABS MIN	5.4	6.3	3.3	1.9	0.5	-2.8	-2.0	-2.9	-2.5	-0.5	3.7	6.5	-2.9
DAT	17	22	22	24	15	4	29	7	12	5	1	10	
GROND/SOIL 08 10	21.1	22.2	19.3	14.7	11.5	8.8	7.9	9.4	11.5	15.0	19.2	21.5	15.2
XX/XX/XX/XX 08 20	23.5	24.5	21.5	16.6	12.7	10.5	9.8	11.1	13.4	16.4	21.0	23.2	17.0
08 30	24.7	25.4	22.6	17.6	13.5	11.6	10.9	12.1	14.4	17.3	21.9	24.2	18.0
08 60	26.0	26.3	24.0	19.7	15.3	13.7	13.0	13.7	15.7	18.5	22.6	25.1	19.5
08 120	25.8	24.2	23.1	20.4	17.0	15.1	14.2	14.3	15.4	17.5	20.3	22.7	19.0
14 10	33.5	33.8	29.0	21.6	15.4	14.9	14.9	16.2	20.9	24.2	32.4	33.9	24.2
14 20	28.3	28.5	24.6	19.0	14.0	12.3	11.9	13.3	16.8	20.0	26.2	28.2	20.3
14 30	26.5	26.7	23.5	18.3	13.9	12.0	11.4	12.7	15.6	18.7	23.9	26.2	19.1
14 60	25.5	25.8	23.6	19.4	15.2	13.5	12.8	13.5	15.4	18.1	22.2	24.6	19.1
14 120	23.8	24.2	23.1	20.4	17.0	15.1	14.3	14.4	15.5	17.5	20.3	22.7	19.0
23/710 ROBERTSON AGR					ø 33°50' S λ 19°54' E		H 156M						1959
GRAS/GRASS	12.0	13.7	12.2	9.1	6.1	2.2	1.5	2.9	4.5	8.1	11.0	12.1	7.9
ABS MIN	6.9	6.0	5.5	3.0	0.6	-2.8	-2.0	-3.4	-1.9	0.4	4.0	6.7	-3.4
DAT	21	20	19	26	17	26	23	7	10	6	3	6	
GROND/SOIL 08 10	22.2	23.1	20.6	15.6	11.2	9.1	8.3	9.4	12.7	15.7	20.8	22.6	15.9
VV/CC/CP/CP 08 20	24.9	25.5	23.0	17.9	13.0	11.0	10.4	11.6	15.1	17.9	23.0	25.2	18.2
08 30	26.0	26.4	24.1	19.2	14.4	12.4	11.7	12.9	16.1	18.9	23.8	26.2	19.3
08 60	25.9	26.2	24.6	20.6	16.0	13.8	12.8	13.6	16.2	18.8	23.0	25.5	19.7
08 120	24.2	24.5	23.9	21.6	18.2	15.9	14.6	14.5	15.9	17.7	20.5	23.3	19.6
14 10	30.5	30.2	27.2	21.2	16.0	14.0	13.7	16.2	20.4	23.7	30.1	32.2	22.9
14 20	26.2	26.7	24.1	18.7	13.9	11.6	11.0	12.7	16.5	19.7	25.1	27.0	19.4
14 30	25.7	26.1	23.9	18.9	14.2	12.2	11.4	12.6	15.7	18.8	23.8	26.0	19.1
14 60	25.8	26.1	24.5	20.5	15.9	13.8	12.8	13.5	16.2	18.7	22.9	25.5	19.7
14 120	24.3	24.5	23.9	21.6	18.2	15.9	14.7	14.6	16.0	17.7	20.6	23.3	19.6
20 10	30.8	30.7	27.3	21.0	15.2	13.8	13.5	15.6	20.5	22.9	29.6	31.7	22.7
20 20	29.7	29.8	26.9	20.9	15.5	13.8	13.3	15.3	19.6	22.3	28.4	30.5	22.2
20 30	27.4	27.7	25.3	20.1	15.0	13.0	12.3	13.8	17.5	20.2	25.7	27.9	20.5
20 60	25.7	26.0	24.4	20.4	15.8	13.7	12.7	13.5	16.1	18.6	22.8	25.4	19.6
20 120	24.2	24.5	23.9	21.5	18.1	15.8	14.6	14.5	16.0	17.7	20.6	23.3	19.6

GEMIDDELDE GRASMINIMUM- EN GROND- TEMPERATURE °C

MEAN GRASS MINIMUM AND SOIL TEMPERATURES °C

SAST CM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	J/Y
28/748 GEORGE WK					ø 33°58' S λ 22°25' E H 221M								1959
GRAS/GRASS	10.5	12.1	10.9	8.9	5.0	3.9	3.1	5.2	5.5	7.9	10.3	11.7	7.9
ABS MIN	6.5	6.5	5.7	3.0	1.5	-0.8	1.0	0.6	-0.1	3.9	2.9	5.4	-0.8
DAT	30	21	20	23	17	4	26	4	1	6	3	6	
35/179 PORT ELIZABETH WK					ø 33°59' S λ 25°36' E H 62M								1959
GRAS/GRASS	12.6	13.9	12.9	10.0	6.1	4.8	4.3	4.8	6.2	10.2	10.9	12.8	9.1
ABS MIN	7.0	2.5	3.7	1.4	-0.3	-3.2	-1.4	-1.4	-2.5	4.2	3.7	5.0	-3.2
DAT	6	21	20	9	29	26	27	20	3	7	4	6	
35/334 ADDO AGR					ø 33°34' S λ 25°42' E H 85M								1959
GRAS/GRASS	13.5	14.0	13.5	10.4	5.4	3.0	3.9	4.1	5.2	9.3	10.8	12.6	8.8
ABS MIN	9.0	6.2	7.5	1.7	1.0	-2.9	-1.0	-0.5	-0.5	0.6	4.0	6.2	-2.9
DAT	15	21	20	9	30	25	5	19	3	7	1	6	
GROND/SOIL 08 10	22.0	22.8	19.8	16.8	12.3	10.2	10.8	11.5	13.7	17.4	20.6	22.2	16.7
XX/XX/XX/XX 08 20	24.4	25.8	22.1	18.9	13.8	11.9	12.3	13.0	15.5	19.2	22.3	23.7	18.6
08 30	26.3	27.2	23.7	20.8	15.6	14.3	14.2	14.7	17.3	20.8	23.9	25.3	20.3
08 60	26.3	26.8	24.3	21.7	17.0	15.3	15.1	15.1	17.3	20.4	23.2	24.7	20.6
08 120	24.3	24.7	23.7	21.9	18.8	16.5	16.0	15.4	16.3	18.3	20.4	22.0	19.9
14 10	31.6	32.4	26.8	22.7	16.0	14.2	14.8	15.1	21.1	25.2	29.5	29.2	23.2
14 20	27.1	27.4	23.2	19.8	14.4	12.3	12.9	13.5	17.2	21.0	25.0	26.1	20.0
14 30	26.4	27.2	23.6	20.7	15.5	14.1	14.1	14.5	17.3	21.0	24.5	25.7	20.4
14 60	26.2	26.7	24.2	21.6	17.0	15.2	15.1	15.1	17.2	20.3	23.0	24.6	20.5
14 120	24.3	24.7	23.7	21.8	18.7	16.5	16.0	15.4	16.3	18.3	20.3	22.0	19.8
37/541 BATHURST AGR					ø 33°31' S λ 26°49' E H 259M								1959
GRAS/GRASS	-	14.7	14.8	12.1	10.0	9.1	9.4	9.1	10.1	11.9	13.0	14.5	-
ABS MIN	-	10.6	9.6	7.4	7.3	2.4	6.9	5.0	3.7	6.3	7.0	10.5	2.4
DAT	-	22	20	30	9	25	5	8	14	7	1	23	
GROND/SOIL 08 10	-	-	-	-	-	-	-	12.4	14.7	17.5	19.5	21.3	-
XX/XX/XX/XX 08 20	-	-	-	-	-	-	-	12.9	15.2	17.6	20.1	21.8	-
08 30	-	23.5	21.2	-	-	-	-	13.6	15.9	18.3	20.7	22.7	-
08 60	-	23.7	22.0	-	-	-	-	14.6	16.4	18.6	21.0	22.9	-
08 120	-	22.7	22.0	-	-	-	-	15.1	16.1	17.8	19.4	21.4	-
14 10	-	-	-	-	-	-	-	16.8	19.2	21.5	24.4	25.2	-
14 20	-	-	-	-	-	-	-	14.9	17.7	19.9	22.8	24.4	-
14 30	-	24.0	21.8	-	-	-	-	14.0	16.5	19.1	21.5	23.5	-
14 60	-	23.7	22.1	-	-	-	-	14.6	16.5	18.8	21.1	23.1	-
14 120	-	22.7	22.1	-	-	-	-	15.1	16.1	17.8	19.5	21.4	-
43/566 MATROOSBERG					ø 33°26' S λ 19°49' E H 968M								1959
GRAS/GRASS	9.8	11.3	8.7	7.1	3.6	2.1	0.8	1.5	2.8	4.2	7.6	-	-
ABS MIN	3.8	4.8	3.0	1.4	-2.4	-2.8	-5.1	-4.7	-3.7	-2.5	0.5	-	-5.1
DAT	13	20	18	23	16	4	23	8	13	6	1	-	
48/383 KANGOGROTTE					ø 33°23' S λ 22°13' E H 640M								1959
GRAS/GRASS	10.6	11.3	9.7	7.0	3.8	1.0	0.7	1.3	1.8	-	-	-	-
ABS MIN	5.6	5.9	4.1	0.8	-2.0	-4.8	-3.0	-4.4	-3.5	-	-	-	-
DAT	14	21	10	9	17	25	26	8	3	-	-	-	
GROND/SOIL 08 10	21.4	22.6	19.6	15.0	9.9	8.1	8.2	8.7	11.3	15.2	20.0	22.9	15.2
XX/XX/XX/XX 08 20	23.4	24.6	21.2	17.4	11.3	9.4	9.6	10.2	12.9	16.4	21.2	24.3	16.8
08 30	24.7	25.6	22.4	19.2	12.7	10.8	10.8	11.4	14.2	17.7	22.2	25.4	18.1
08 60	25.0	25.8	23.6	20.7	14.5	12.1	11.9	12.1	14.5	18.0	21.7	25.0	18.7
08 120	23.7	24.4	23.1	21.2	16.5	13.7	13.2	12.8	14.4	17.0	20.5	23.2	18.6
54/805 HILLSIDE FARM					ø 33°25' S λ 25°27' E H 101M								1959
GRAS/GRASS	-	-	-	10.3	4.5	0.4	2.4	3.6	5.3	9.7	10.3	12.0	-
ABS MIN	-	-	-	1.0	-0.5	-4.6	-1.3	-1.9	0.4	1.3	2.5	5.8	-4.6
DAT	-	-	-	9	28	25	10	8	14	7	3	6	
74/296 JANSENVILLE					ø 32°56' S λ 24°40' E H 410M								1959
GRAS/GRASS	11.1	12.6	11.3	9.1	4.2	-0.9	0.6	0.5	3.1	7.9	10.3	11.1	6.7
ABS MIN	4.2	5.4	4.5	0.5	-2.0	-6.0	-4.4	-4.0	-3.9	-2.0	0.0	5.6	-6.0
DAT	14	21	19	9	29	26	16	20	1	7	3	6	
GROND/SOIL 08 10	25.5	25.7	22.5	18.7	13.3	11.2	11.2	12.8	16.1	19.3	22.4	24.2	18.6
VV/CP/CP/CP 08 20	28.0	28.0	25.1	20.9	15.6	13.4	13.0	14.7	17.9	21.1	23.9	26.4	20.7
08 30	28.3	28.2	25.7	21.9	16.3	14.0	13.5	14.9	17.9	21.3	24.1	26.7	21.1
08 60	28.4	28.2	26.6	23.2	17.9	15.4	14.5	15.3	17.9	20.9	24.1	26.5	21.6
08 120	26.5	26.8	26.0	23.6	19.7	16.9	15.6	15.4	17.0	19.4	22.1	24.5	21.1
14 10	33.8	33.5	29.3	23.1	16.4	13.8	13.9	16.7	21.8	25.3	30.0	31.8	24.1
14 20	28.9	28.6	25.9	21.4	15.7	13.3	13.0	14.6	18.2	21.8	25.0	27.1	21.1
14 30	29.3	28.9	26.5	22.4	16.6	14.4	13.8	15.3	18.6	21.9	25.3	27.8	21.7
14 60	28.4	28.2	26.6	23.2	17.9	15.4	14.5	15.3	17.9	20.9	24.0	26.5	21.6
14 120	26.5	26.8	26.0	23.6	19.7	16.9	15.6	15.4	17.1	19.5	22.1	24.5	21.1
20 10	31.5	31.9	28.3	23.2	16.9	15.1	14.4	17.3	21.8	24.4	28.0	29.7	23.5
20 20	30.1	30.2	27.3	22.7	16.6	14.3	13.8	15.9	19.8	23.1	26.5	28.7	22.4
20 30	29.8	29.7	26.9	22.7	16.9	14.8	14.1	15.8	19.3	22.5	26.1	28.2	22.2
20 60	28.3	28.1	26.4	23.1	17.8	15.3	14.4	15.2	17.8	20.8	24.0	26.5	21.5
20 120	26.4	26.8	26.0	23.6	19.6	16.9	15.6	15.4	17.0	19.4	22.1	24.5	21.1

GEMIDDELDE GRASMINIMUM- EN GROND- TEMPERATURE °C

MEAN GRASS MINIMUM AND SOIL TEMPERATURES °C

	DIEPTE CM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	J/Y
79/811 DOHNE AGR						Ø 32°31' S λ 27°28' E H 899M								1959
GRAS/GRASS		11.7	12.5	11.3	7.3	3.5	-0.3	2.5	1.4	3.5	6.9	7.9	10.3	6.5
ABS MIN		4.9	6.7	5.0	-1.4	-1.5	-6.0	-2.1	-4.9	-2.6	-2.6	0.4	4.0	-6.0
DAT		14	21	20	9	28	25	16	8	14	7	1	19	
GROND/SOIL XX/XX/XX/XX	08 10	18.1	19.6	17.7	14.9	9.1	8.0	8.6	9.2	11.7	14.6	17.1	18.8	13.9
	08 20	19.4	20.9	19.1	16.8	10.7	9.5	10.2	10.8	13.1	15.4	17.3	19.0	15.2
	08 30	20.0	21.4	19.8	17.7	11.9	10.5	11.0	11.7	13.9	16.1	18.1	19.8	16.0
	08 60	20.5	21.6	20.7	18.9	13.6	11.7	11.8	12.3	14.2	16.5	18.4	20.1	16.7
	08 120	19.8	20.5	20.4	19.3	15.7	13.3	12.8	12.8	13.9	15.7	17.3	18.8	16.7
	14 10	24.5	28.1	24.7	21.8	14.0	14.1	14.3	16.9	20.8	22.5	26.2	27.5	21.3
	14 20	21.3	23.5	21.5	18.7	12.1	11.2	11.5	12.7	15.8	18.5	21.1	22.8	17.6
	14 30	20.4	22.2	20.4	18.1	12.1	10.8	11.2	12.1	14.5	17.0	19.5	21.2	16.6
	14 60	20.4	21.4	20.5	18.7	13.5	11.7	11.7	12.2	14.1	16.3	18.3	20.0	16.6
	14 120	19.8	20.6	20.4	19.3	15.7	13.3	12.8	12.8	13.9	15.6	17.3	18.8	16.7
92/288 BEAUFORT WEST WK						Ø 32°18' S λ 22°40' E H 893M								1959
GRAS/GRASS		9.2	10.3	7.8	5.3	1.2	0.3	-0.7	0.2	0.6	3.9	7.9	10.2	4.7
ABS MIN		0.2	1.6	0.5	-3.6	-3.5	-7.5	-8.4	-7.7	-7.5	-6.5	-4.0	1.5	-8.4
DAT		14	21	21	9	16	25	24	8	2	7	3	18	
106/850 VREDENDAL IRR						Ø 31°40' S λ 18°29' E H 34M								1959
GRAS/GRASS		11.1	13.0	11.6	9.8	8.0	3.7	2.8	3.3	4.6	7.0	9.2	11.5	8.0
ABS MIN		5.6	8.0	5.0	2.5	2.1	-1.2	-3.9	-3.2	-2.8	-1.5	4.4	6.8	-3.9
DAT		21	20	19	9	15	25	9	7	13	5	2	11	
GROND/SOIL RR/SS/SS/SS	08 10	24.1	23.7	-	18.8	13.0	11.1	11.0	11.9	14.5	18.5	21.6	23.3	-
	08 20	27.5	27.7	24.8	21.6	14.7	12.5	12.3	13.6	16.5	20.5	23.4	26.2	20.1
	08 30	28.4	28.5	26.6	23.2	16.4	14.2	13.9	15.1	18.0	21.7	25.0	27.4	21.5
	08 60	28.5	28.5	27.6	24.8	19.1	15.8	15.3	16.1	18.8	21.8	25.2	27.5	22.4
	14 10	34.0	34.1	-	23.7	17.7	16.3	16.1	17.8	22.4	25.2	30.9	32.7	-
	14 20	28.5	28.2	26.5	22.0	16.3	14.5	14.3	15.6	19.5	21.9	26.8	27.9	21.8
	14 30	28.5	28.7	26.7	23.2	16.6	14.2	13.9	15.1	18.4	21.8	25.5	27.7	21.7
	14 60	28.5	28.6	27.6	24.9	19.1	15.7	15.2	16.1	18.7	21.8	25.2	27.4	22.4
	20 10	34.4	34.5	-	25.6	17.0	16.0	15.8	17.7	22.4	25.2	30.4	33.7	-
	20 20	31.6	32.3	30.0	24.7	17.6	16.2	16.0	17.7	21.9	24.1	29.3	31.1	24.4
	20 30	29.8	29.8	28.4	24.2	17.9	15.9	15.5	17.0	20.7	23.2	27.9	29.1	23.3
	20 60	28.5	28.5	27.6	24.9	19.1	15.8	15.2	16.1	18.7	21.8	25.1	27.3	22.4
115/ 25 FRASERBURG TNK						Ø 31°55' S λ 21°31' E H 1259M								1959
GRAS/GRASS		10.4	12.4	8.8	5.0	0.7	-2.5	-2.2	-2.3	1.1	4.9	8.9	10.7	4.7
ABS MIN		2.2	6.6	0.6	-2.2	-4.0	-8.4	-8.2	-9.6	-6.2	-5.5	-1.0	6.2	-9.6
DAT		13	21	18	9	28	25	24	8	2	5	1	5	
GROND/SOIL NN/LS/LK/HH	08 10	22.5	22.5	19.1	14.6	7.3	5.5	5.9	7.0	11.1	14.5	19.7	21.6	14.3
	08 20	25.1	24.9	21.9	17.2	9.7	8.0	8.1	9.4	13.5	16.6	21.4	23.5	16.6
	08 30	26.0	25.6	22.8	18.5	11.3	9.4	9.5	10.5	14.1	17.3	22.0	24.2	17.5
	08 60	24.9	24.6	22.7	19.3	13.6	11.3	10.8	11.3	13.7	16.4	20.3	22.7	17.6
	14 10	32.4	31.6	28.0	21.0	12.8	11.9	11.8	13.9	19.7	23.6	30.1	31.3	22.3
	14 20	27.7	27.1	23.8	18.4	10.8	8.9	9.0	10.6	15.2	18.9	24.7	26.3	18.5
	14 30	26.0	25.4	22.7	18.3	11.2	9.3	9.3	10.4	14.3	17.3	22.3	24.2	17.6
	14 60	24.7	24.5	22.6	19.2	13.5	11.2	10.8	11.3	13.7	16.4	20.2	22.7	17.6
	20 10	31.8	31.7	27.8	21.1	12.2	11.7	11.9	14.2	19.5	22.5	28.9	30.2	22.0
	20 20	30.7	30.3	26.6	20.7	12.6	11.3	11.3	13.2	18.0	21.5	27.8	29.3	21.1
	20 30	27.7	27.2	24.3	19.5	12.1	10.5	10.4	11.7	15.6	18.7	24.2	25.9	19.0
	20 60	24.6	24.4	22.5	19.1	13.5	11.1	10.7	11.2	13.6	16.2	20.2	22.5	17.5
123/683 QUEENSTOWN PARK						Ø 31°53' S λ 26°53' E H 1077M								1959
GRAS/GRASS		-	12.9	10.1	6.5	4.5	-0.7	1.8	0.9	2.9	-	9.7	11.1	-
ABS MIN		-	8.2	2.3	-2.0	-1.0	-7.3	-4.2	-4.3	-4.2	-	2.1	5.8	-7.3
DAT		-	9	19	9	29	25	16	19	3	-	2	29	25
123/683A QUEENSTOWN						Ø 31°53' S λ 26°55' E H 1094M								
GRAS/GRASS		-	-	-	7.5	4.6	0.2	1.7	1.4	3.4	8.0	10.0	12.1	-
ABS MIN		-	-	-	-1.0	-0.6	-6.1	-3.9	-3.6	-4.0	-2.5	2.6	7.7	-
DAT		-	-	-	9	29	25	16	19	3	6	2	29	
GROND/SOIL VV/LS/LS/CC	08 10	-	-	-	14.5	8.5	6.5	7.5	9.1	-	-	-	21.4	-
	08 20	-	-	-	17.7	10.9	9.0	9.6	11.8	-	-	-	23.5	-
	08 30	-	-	-	19.8	12.6	10.7	11.1	13.2	16.7	20.6	22.9	24.6	-
	08 60	-	-	-	21.4	14.5	12.9	12.5	13.9	16.9	20.3	22.7	24.8	-
	08 120	-	-	-	21.7	17.4	14.7	-	14.0	15.8	18.3	20.7	22.5	-
	14 10	-	-	-	22.2	13.9	12.1	12.2	16.2	-	-	-	33.8	-
	14 20	-	-	-	19.3	12.0	9.8	10.3	12.9	-	-	-	27.1	-
	14 30	-	-	-	19.9	12.8	10.7	10.9	13.1	16.8	20.8	23.1	24.7	-
	14 60	-	-	-	21.3	14.5	12.8	12.4	13.8	16.7	20.2	22.7	24.6	-
	14 120	-	-	-	21.7	17.5	14.7	-	14.0	15.9	18.3	20.7	22.5	-
	20 10	-	-	-	20.2	12.5	11.5	11.9	15.8	-	-	-	29.8	-
	20 20	-	-	-	21.3	13.3	11.8	12.2	15.5	-	-	-	29.0	-
	20 30	-	-	-	21.2	13.9	12.0	12.1	14.9	18.9	22.6	24.9	26.6	-
	20 60	-	-	-	21.2	14.4	12.7	12.4	15.8	16.7	20.2	22.7	24.6	-
	20 120	-	-	-	21.7	17.4	14.7	-	14.0	15.8	18.3	20.7	22.5	-

GEMIDDELDE GRASMINIMUM- EN GROND- TEMPERATURE °C

MEAN GRASS MINIMUM AND SOIL TEMPERATURES °C

SAST	CM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	J/Y
127/485 UMTATA						ø 31°35' S λ 28°47' E		H 700M						1959
GRAS/GRASS		-	-	-	-	-	-	-	-	-	-	-	-	-
ABS MIN		-	-	-	-	-	-	-	-	-	-	-	-	-
DAT		-	-	-	-	-	-	-	-	-	-	-	-	-
GROND/SOIL	08 10	-	-	-	17.6	11.3	7.7	-	10.5	13.1	17.3	18.2	20.7	-
VV/SS/CB/CK	08 30	-	-	-	22.0	15.0	12.2	-	14.1	16.6	19.9	21.1	23.0	-
	08 60	-	-	-	22.9	17.2	14.6	-	15.2	17.3	20.3	21.7	23.4	-
	14 10	-	-	-	25.7	17.3	15.3	-	18.8	22.1	25.6	27.0	30.0	-
	14 30	-	-	-	22.7	15.3	12.9	-	14.6	17.5	21.1	22.4	24.2	-
	14 60	-	-	-	23.0	17.2	14.8	-	15.4	17.4	20.4	21.8	23.5	-
	20 10	-	-	-	22.5	15.3	12.9	-	16.2	19.1	21.6	23.3	25.7	-
	20 30	-	-	-	23.9	16.6	14.1	-	16.4	18.9	22.2	24.1	25.3	-
	20 60	-	-	-	22.7	17.1	14.5	-	15.4	17.2	20.1	21.6	23.4	-
134/478 CALVINIA TNK						ø 31°28' S λ 19°46' E		H 980M						1959
GRAS/GRASS		8.4	9.9	7.9	5.8	3.3	1.2	0.6	1.1	2.0	4.1	7.2	9.7	5.1
ABS MIN		1.5	4.5	0.4	-1.0	-3.2	-4.7	-6.1	-7.1	-4.8	-5.6	-1.1	2.5	-7.1
DAT		13	20	18	9	16	9	23	8	15	5	1	5	
GROND/SOIL	08 10	23.6	23.1	20.7	15.3	8.7	6.8	7.0	8.3	-	16.2	20.2	23.0	-
BV/LS/LK/LK	08 20	27.7	27.3	24.7	19.0	11.0	9.3	9.6	11.0	14.6	18.3	23.0	25.9	18.5
	08 30	27.6	27.3	25.2	20.3	12.8	10.8	11.0	12.3	15.3	18.7	22.9	25.7	19.2
	08 60	26.4	26.6	25.2	21.5	15.0	12.3	12.2	12.8	14.8	17.8	21.1	23.8	19.1
	08 120	23.6	24.2	24.0	22.3	18.5	15.1	14.1	13.8	14.5	16.4	18.6	20.9	18.8
	14 10	33.0	31.1	26.4	19.4	11.3	10.1	10.5	12.4	-	22.9	29.3	31.8	-
	14 20	27.7	27.4	24.6	18.9	11.1	9.3	9.6	11.1	14.9	18.7	23.6	26.1	18.6
	14 30	27.5	27.2	25.0	20.1	12.6	10.6	10.8	12.1	15.1	18.4	22.8	25.5	19.0
	14 60	26.4	26.6	25.2	21.5	15.0	12.3	12.1	12.8	14.8	17.8	21.1	23.8	19.1
	14 120	23.6	24.2	24.0	22.3	18.5	15.1	14.1	13.9	14.5	16.4	18.6	21.0	18.9
	20 10	35.8	34.2	29.6	21.0	11.7	10.9	11.6	13.9	-	24.6	30.7	34.1	-
	20 20	30.8	30.4	27.1	20.6	12.5	11.0	11.5	13.3	17.6	21.4	27.0	29.1	21.0
	20 30	28.7	28.4	26.0	20.7	13.0	11.2	11.4	12.8	16.0	19.4	23.9	26.4	19.8
	20 60	26.2	26.4	25.0	21.3	15.0	12.3	12.1	12.8	14.8	17.7	21.0	23.6	19.0
	20 120	23.5	24.2	24.0	22.2	18.5	15.1	14.1	13.9	14.5	16.4	18.6	20.9	18.8
145/ 59 GROOTFONTEIN AGR						ø 31°29' S λ 25°02' E		H 1263M						1959
GRAS/GRASS		9.0	10.2	8.1	3.3	0.6	-3.3	-2.0	-2.3	0.3	4.3	7.1	8.4	3.6
ABS MIN		1.5	2.6	0.6	-2.7	-3.5	-9.8	-6.2	-9.2	-7.5	-3.8	-1.8	0.5	-9.8
DAT		14	21	19	9	2	25	26	8	2	7	1	19	-
GROND/SOIL	08 10	21.9	20.3	-	13.8	7.1	4.4	5.0	6.0	10.8	15.1	19.0	21.0	-
VV/LL/LL/HH	08 30	24.7	23.5	21.6	17.8	10.9	8.9	8.9	10.2	14.4	18.0	21.7	24.1	17.1
	08 60	24.5	23.5	22.2	19.2	12.9	10.7	10.2	10.9	13.7	16.9	20.2	22.8	17.3
	08 120	21.7	21.8	21.3	19.9	15.8	13.2	12.1	11.7	12.7	14.8	17.3	19.7	16.8
	14 10	27.3	26.2	-	18.8	11.0	8.8	9.1	11.7	19.1	23.5	27.8	29.5	-
	14 30	24.7	23.4	21.2	17.6	10.6	8.7	8.6	9.9	14.2	18.1	21.9	24.2	16.9
	14 60	24.3	23.4	22.0	19.0	12.8	10.6	10.1	10.8	13.7	16.9	20.2	22.7	17.2
	14 120	21.7	21.8	21.3	19.9	15.7	13.2	12.0	11.7	12.7	14.8	17.3	19.7	16.6
	20 10	28.0	26.8	-	18.5	10.5	8.7	8.9	11.8	18.8	22.5	26.8	29.2	-
	20 30	26.1	24.7	22.5	18.5	11.3	9.4	9.2	10.8	15.6	19.5	23.4	25.6	18.1
	20 60	24.3	23.3	21.9	18.9	12.7	10.5	10.0	10.8	13.7	16.9	20.2	22.7	17.2
	20 120	21.7	21.8	21.3	19.8	15.7	13.1	12.0	11.7	12.8	14.8	17.4	19.7	16.8
148/810 WILLOW PARK						ø 31°30' S λ 26°57' E		H 1485M						1959
GRAS/GRASS		9.9	10.8	9.2	6.5	2.8	-0.5	-	-0.7	1.4	4.8	7.7	10.6	-
ABS MIN		1.6	6.6	1.0	-0.2	-1.1	-9.0	-	-6.5	-6.6	-7.0	0.2	6.2	-
DAT		13	21	19	10	5	25	-	19	2	6	2	29	
GROND/SOIL	08 10	-	-	18.1	13.9	7.6	6.5	-	7.6	10.4	14.0	-	18.9	-
XX/XX/XX/XX	08 20	-	-	20.9	16.5	9.5	8.6	-	10.1	12.7	15.9	17.6	20.6	-
	08 30	-	-	22.9	18.6	11.5	10.5	-	11.8	14.3	17.5	20.1	21.4	-
	08 60	-	-	23.2	20.0	13.5	11.9	-	12.6	14.8	17.4	19.8	21.3	-
	08 120	-	-	21.5	20.2	16.1	13.5	-	12.9	14.0	15.9	17.9	19.4	-
170/ 98 DE AAR						ø 30°39' S λ 24°01' E		H 1241M						1959
GRAS/GRASS		13.6	14.3	12.3	7.7	2.4	-0.7	0.5	0.0	3.5	8.5	12.3	13.6	7.3
ABS MIN		4.0	8.3	3.0	0.4	-2.0	-5.4	-3.6	-6.6	-3.0	-2.5	2.9	7.5	-6.6
DAT		14	16	18	9	26	25	14	8	14	5	1	4	
GROND/SOIL	08 10	25.7	25.3	23.6	17.4	8.7	6.9	7.4	9.5	14.5	19.3	24.2	25.2	17.3
NV/SK/GK/GB	08 20	28.6	28.0	26.7	20.3	11.3	9.5	9.7	12.2	-	22.6	26.9	27.9	-
	08 30	30.3	29.5	27.6	22.0	13.3	11.2	11.2	13.5	18.2	23.1	27.9	29.5	21.4
	14 10	34.9	33.8	31.0	23.3	14.3	12.7	12.9	16.0	22.7	27.3	33.7	34.5	24.8
	14 20	30.5	29.4	27.6	21.0	12.1	10.1	10.4	12.8	-	22.9	28.3	29.7	-
	14 30	30.1	29.3	27.6	21.6	13.1	10.9	11.0	13.2	18.1	22.9	27.8	29.3	21.2
	20 10	35.3	34.2	31.7	23.6	13.9	13.0	13.2	16.8	23.6	27.4	33.7	35.4	25.1
	20 20	33.1	32.2	30.2	23.3	14.0	12.6	12.6	15.5	-	25.5	31.3	32.7	-
	20 30	32.0	31.1	29.2	22.8	13.9	11.8	11.8	14.4	19.8	24.5	29.9	31.2	22.[illegible]
175/371A ALIWAL NORTH						ø 30°41' S λ 26°43' E		H 1316M						1959
GRAS/GRASS		10.8	11.3	8.4	5.0	1.5	-4.8	-0.9	-3.2	0.7	6.6	9.2	10.0	4.5
ABS MIN		1.5	6.5	1.0	-3.1	-3.0	-9.0	-4.5	-6.8	-7.0	-4.5	2.2	6.7	-9.0
DAT		13	21	19	9	28	25	2	18	2	5	3	19	

GEMIDDELDE GRASMINIMUM- EN GROND- TEMPERATURE °C

MEAN GRASS MINIMUM AND SOIL TEMPERATURES °C

	SAST	CM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	J/Y
177/178A BARKLY EAST							ø 30°58'S λ 27°36'E H 1781M								1959
GRAS/GRASS			-	-	-	-	-	-	-	-	-	-	-	-	-
ABS MIN			-	-	-	-	-	-	-	-	-	-	-	-	-
DAT			-	-	-	-	-	-	-	-	-	-	-	-	-
GROND/SOIL	08	10	-	-	-	9.9	4.2	1.8	2.3	3.6	7.4	11.5	13.5	15.9	-
XX/XX/XX/XX	08	20	-	-	-	13.1	6.8	4.5	4.3	5.5	9.2	13.4	15.9	18.2	-
	08	30	-	-	-	15.0	8.4	6.0	5.5	6.7	10.4	14.4	16.8	19.1	-
	08	60	-	-	-	16.4	10.5	8.1	7.0	7.5	10.2	13.6	16.0	18.2	-
	14	10	-	-	-	17.2	9.0	7.2	6.7	7.9	12.5	17.8	21.2	23.7	-
	14	20	-	-	-	14.1	7.2	4.9	4.8	6.2	10.0	14.8	17.5	19.7	-
	14	30	-	-	-	15.1	8.3	5.8	5.4	6.7	10.3	14.4	16.8	19.2	-
	14	60	-	-	-	16.4	10.4	8.0	7.0	7.5	10.1	13.6	16.0	18.1	-
	20	10	-	-	-	15.5	7.7	6.5	6.0	8.0	12.5	16.7	19.5	22.5	-
	20	20	-	-	-	15.8	8.4	6.8	6.2	7.7	11.9	16.1	19.0	21.6	-
	20	30	-	-	-	16.0	8.7	6.4	5.9	7.1	11.1	15.0	17.7	20.2	-
	20	60	-	-	-	16.3	10.4	7.9	6.9	7.4	10.1	13.5	15.8	18.0	-
180/722C KOKSTAD							ø 30°32'S λ 29°25'E H 1345M								1959
GRAS/GRASS			-	-	-	4.5	-0.3	-5.0	-2.9	-	-	6.1	8.9	10.0	-
ABS MIN			-	-	-	-2.5	-5.5	-9.0	-7.0	-	-	-4.8	3.6	4.5	-
DAT			-	-	-	10	2	26	31	-	-	5	4	3	
195/561 VANWYKSVLEI							ø 30°21'S λ 21°49'E H 958M								1959
GRAS/GRASS			14.7	16.0	12.4	8.3	2.5	0.0	0.3	0.8	3.4	8.1	13.2	14.9	7.9
ABS MIN			7.4	10.8	5.8	2.0	-2.2	-5.2	-5.0	-6.2	-3.5	-2.7	0.7	9.5	-6.2
DAT			13	25	18	9	29	26	25	8	2	5	1	4	
GROND/SOIL	08	10	26.9	27.7	23.9	20.1	11.3	9.6	10.1	11.6	15.5	18.9	24.0	26.2	18.8
NN/LS/LS/HH	08	20	29.3	29.5	26.3	22.5	13.8	11.6	12.1	13.6	17.6	21.1	26.3	28.5	21.0
	08	30	30.4	30.6	27.5	23.6	15.6	13.1	13.2	14.5	18.2	22.0	27.3	29.8	22.1
	08	60	29.5	29.7	27.7	24.7	18.1	14.9	14.5	15.0	17.7	21.2	25.5	28.3	22.2
	08	120	27.1	27.7	27.0	25.2	21.4	18.1	17.0	16.6	17.8	20.1	23.0	25.7	22.2
	14	10	30.3	31.1	27.2	22.6	13.9	12.2	12.7	14.5	19.3	23.0	28.8	30.3	22.2
	14	20	29.5	29.9	26.3	22.5	13.7	11.5	11.9	13.4	17.6	21.4	26.9	29.1	21.1
	14	30	30.1	30.4	27.1	23.2	15.2	12.6	12.8	14.1	17.8	21.7	27.0	29.5	21.8
	14	60	29.4	29.7	27.6	24.7	18.0	14.8	14.5	15.0	17.6	21.2	25.4	28.2	22.2
	14	120	27.1	27.7	27.0	25.2	21.4	18.0	17.0	16.6	17.8	20.1	23.0	25.7	22.2
	20	10	32.0	32.3	28.9	23.9	15.1	13.7	14.0	16.0	21.0	24.1	30.1	32.0	23.6
	20	20	31.5	31.8	28.5	23.6	15.4	13.2	13.4	15.0	19.4	23.3	29.0	31.5	22.9
	20	30	30.7	31.0	27.9	23.7	15.6	13.1	13.2	14.5	18.4	22.3	27.7	30.1	22.3
	20	60	29.4	29.6	27.6	24.5	17.9	14.8	14.5	15.0	17.7	21.2	25.4	28.3	22.2
	20	120	27.1	27.6	27.0	25.2	21.3	18.0	16.9	16.5	17.8	20.1	23.0	25.6	22.2
214/636 OKIEP							ø 29°36'S λ 17°52'E H 918M								1959
GRAS/GRASS			12.5	14.3	12.6	9.5	5.4	6.3	-	4.2	5.6	7.6	-	-	-
ABS MIN			6.6	10.3	3.4	3.0	0.9	0.1	-	-3.3	0.0	-	-	-	-
DAT			17	15	18	30	15	2	-	8	14	-	-	-	
GROND/SOIL	08	10	24.9	25.8	23.3	18.3	9.5	10.6	9.4	11.2	14.3	18.7	22.5	24.5	17.7
RR/SK/SK/SK	08	20	26.9	27.6	25.1	20.0	10.4	11.3	10.3	12.3	15.7	20.4	24.2	26.4	19.2
	08	30	28.5	28.9	26.5	21.6	12.5	12.6	11.9	13.8	17.0	22.2	26.0	28.3	20.8
	08	60	-	-	27.8	24.2	15.9	14.3	13.6	14.8	17.7	22.2	25.6	28.4	-
	08	120	26.5	27.3	26.8	25.1	19.9	16.7	16.0	15.7	17.2	20.2	22.6	25.2	21.6
	14	10	33.0	33.3	29.8	23.3	13.0	14.5	13.5	16.0	21.2	26.1	31.1	33.9	24.1
	14	20	28.2	29.9	27.0	21.7	12.0	13.0	12.0	14.3	18.3	23.1	28.1	29.9	21.5
	14	30	28.9	29.3	26.8	21.8	12.7	12.7	11.9	13.6	17.3	22.4	26.7	28.9	21.1
	14	60	-	-	27.7	24.1	15.9	14.3	13.7	14.9	17.7	22.1	25.6	28.2	-
	14	120	26.5	27.3	26.8	25.1	20.0	16.7	16.0	15.8	17.3	20.1	22.6	25.2	21.6
	20	10	34.6	34.2	31.3	24.2	13.0	15.0	14.1	16.7	22.3	26.9	32.5	34.4	24.9
	20	20	33.5	33.2	30.6	24.0	13.5	14.9	14.0	16.5	21.6	26.2	31.4	33.2	24.4
	20	30	31.8	31.7	29.2	23.4	13.7	13.9	13.1	15.2	19.5	24.5	29.5	31.4	23.1
	20	60	-	-	27.7	24.0	15.7	14.2	13.5	14.8	17.6	22.0	25.4	28.2	-
	20	120	26.4	27.3	26.8	25.0	19.8	16.6	15.9	15.7	17.2	20.1	22.5	25.1	21.5
224/430 PRIESKA							ø 29°40'S λ 22°45'E H 932M								1959
GRAS/GRASS			13.9	15.4	9.9	6.5	1.1	-3.5	-1.7	-1.9	0.1	7.0	12.1	13.8	6.1
ABS MIN			5.5	10.2	0.5	0.3	-4.2	-9.6	-8.1	-7.7	-7.0	-6.2	4.0	7.2	-9.6
DAT			15	21	20	10	2	26	26	8	3	5	1	4	
GROND/SOIL	08	10	24.7	24.0	22.2	19.4	9.7	7.6	7.6	9.9	13.7	18.7	23.6	25.1	17.2
NV/LS/LS/LC	08	20	27.3	26.7	24.8	22.1	13.1	10.8	10.2	12.4	16.3	20.8	-	-	-
	08	30	28.7	27.9	26.3	23.1	14.9	12.2	11.5	13.6	17.1	21.3	26.4	28.0	20.9
	08	60	28.1	27.7	26.9	24.5	18.0	14.7	13.3	14.3	17.0	20.7	24.9	26.8	21.4
	08	120	26.2	26.6	26.2	24.9	21.2	17.9	16.1	15.5	16.9	19.5	22.3	24.4	21.5
	14	10	32.6	31.7	27.5	23.3	15.0	12.4	11.8	14.6	18.7	25.1	32.3	32.0	23.1
	14	20	28.7	28.1	25.4	22.2	13.4	11.1	10.6	12.7	16.3	21.5	-	-	-
	14	30	29.0	28.1	26.2	23.2	14.8	12.2	11.5	13.5	17.0	21.5	26.6	28.0	21.0
	14	60	28.1	27.7	26.8	24.5	18.0	14.7	13.3	14.3	17.0	20.8	24.9	26.8	21.4
	14	120	26.2	26.6	26.2	24.9	21.2	17.8	16.0	15.5	16.9	19.5	22.3	24.4	21.5
	20	10	34.6	33.2	29.5	25.5	15.8	13.7	13.1	16.1	21.5	26.5	33.0	33.4	24.7
	20	20	32.0	31.1	27.6	24.2	15.5	13.0	12.5	15.1	19.2	24.0	-	-	-
	20	30	30.3	29.4	26.9	24.1	15.6	12.7	12.1	14.3	18.2	22.5	28.2	29.5	22.0
	20	60	28.1	27.8	26.8	24.4	17.9	14.7	13.3	14.4	17.1	20.8	24.9	26.8	21.4
	20	120	26.2	26.6	26.2	24.9	21.2	17.8	16.1	15.6	16.9	19.6	22.3	24.5	21.5

GEMIDDELDE GRASMINIMUM- EN GROND- TEMPERATURE °C

MEAN GRASS MINIMUM AND SOIL TEMPERATURES °C

	SAST	CM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	J/Y
229/556 FAURESMITH AGR							ø 29°46' S λ 25°19' E		H 1382M						1959
GRAS/GRASS			9.3	9.9	7.9	3.3	-1.3	-5.1	-2.8	-4.8	-0.3	5.5	-	-	-
ABS MIN			3.3	4.5	1.3	-5.0	-5.5	-10.1	-7.0	-8.6	-7.5	-7.5	-	-	-
DAT			13	21	19	9	27	5	31	8	2	5	-	-	
GROND/SOIL	08	10	21.9	21.2	20.3	15.1	7.8	5.6	6.3	7.5	12.4	16.0	19.5	20.6	14.5
NV/LS/LS/SB	08	20	24.8	23.7	23.0	18.5	10.2	8.4	8.7	10.4	15.2	19.2	22.7	23.6	17.4
	08	30	26.1	24.9	24.1	19.7	11.8	10.0	10.0	11.7	16.1	20.2	23.8	24.8	18.6
	08	60	26.0	25.1	24.6	21.5	14.4	11.7	11.3	12.5	16.2	20.1	23.3	24.8	19.3
	08	120	24.6	24.3	24.2	22.4	17.5	14.3	13.2	13.4	15.6	18.6	21.4	23.2	19.4
	14	10	33.2	30.4	29.7	23.9	14.4	13.1	12.6	16.0	22.7	26.2	30.3	29.5	23.5
	14	20	28.3	26.8	25.7	20.6	12.3	10.3	10.3	12.6	17.9	22.5	26.6	27.0	20.1
	14	30	27.0	25.5	24.8	20.3	12.0	9.9	10.0	11.9	16.8	21.1	24.8	25.7	19.1
	14	60	25.9	25.1	24.5	21.4	14.2	11.6	11.2	12.4	16.1	20.0	23.3	24.8	19.2
	14	120	24.6	24.4	24.2	22.4	17.5	14.3	13.2	13.4	15.6	18.6	21.4	23.2	19.4
	20	10	30.8	28.8	28.2	22.0	12.7	12.0	12.3	15.2	21.7	24.3	27.9	27.9	22.0
	20	20	30.6	28.7	27.5	22.3	13.3	12.1	12.2	14.8	20.4	24.3	28.5	28.7	21.9
	20	30	28.3	26.7	25.7	21.1	12.8	11.0	11.0	13.1	18.2	22.3	26.1	26.8	20.3
	20	60	25.8	25.0	24.5	21.3	14.3	11.6	11.3	12.5	16.3	20.0	23.2	24.7	19.2
	20	120	24.6	24.3	24.2	22.4	17.5	14.3	13.2	13.4	15.6	18.6	21.4	23.2	19.4
233/ 44 WEPENER							ø 29°44' S λ 27°02' E		H 1426M						1959
GRAS/GRASS			10.1	11.9	8.7	4.3	0.9	-6.5	-1.4	-5.1	-0.1	6.1	9.8	11.4	4.2
ABS MIN			-0.2	4.0	-1.0	-5.2	-5.6	-10.8	-6.4	-8.6	-10.5	-9.4	1.0	6.5	-10.8
DAT			13	1	19	10	26	5	16	18	2	5	2	5	
GROND/SOIL	08	30	23.6	22.7	21.2	17.8	11.8	8.7	8.9	9.9	14.2	18.3	21.6	22.4	16.8
NV/LL/CL/CL	08	60	24.1	23.2	22.3	19.4	13.9	10.7	10.2	11.1	14.4	18.2	21.6	22.8	17.7
	08	120	22.6	22.1	21.8	19.9	16.2	13.1	11.7	11.8	13.5	16.5	19.4	21.0	17.5
	14	30	24.2	23.3	21.7	18.1	12.0	8.7	8.9	10.3	14.7	19.2	22.6	23.4	17.3
	14	60	23.8	23.1	22.1	19.2	13.8	10.6	10.1	10.9	14.3	18.1	21.4	22.6	17.5
	14	120	22.6	22.2	21.8	19.9	16.2	13.0	11.7	11.8	13.6	16.5	19.4	21.0	17.5
	20	30	25.9	25.3	23.4	19.4	13.2	10.3	10.3	12.1	16.7	20.7	24.3	24.9	18.9
	20	60	23.8	23.1	22.1	19.1	13.7	10.5	10.0	10.9	14.3	18.2	21.4	22.7	17.5
	20	120	22.6	22.2	21.8	19.9	16.1	13.0	11.7	11.8	13.6	16.5	19.4	21.1	17.5
239/482 CEDARA AGR							ø 29°32' S λ 30°17' E		H 1063M						1959
GRAS/GRASS			11.8	-	9.9	8.8	2.0	-1.7	-0.2	-0.6	3.9	8.9	10.9	11.5	-
ABS MIN			4.0	-	3.0	2.4	-4.0	-5.9	-5.5	-5.3	-3.9	-2.8	1.8	8.3	-5.9
DAT			14	-	19	10	1	28	18	2	3	6	4	8	
GROND/SOIL	08	10	21.1	-	19.2	17.9	10.8	8.5	9.4	10.5	13.1	16.6	17.6	19.4	-
NR/SL/GS/GO	08	20	22.3	22.8	21.4	20.1	13.2	11.3	11.6	12.7	14.9	17.8	18.8	20.7	17.3
	08	30	23.3	23.4	22.7	21.4	15.3	13.1	13.0	14.1	16.5	19.1	20.2	22.0	18.7
	08	60	22.4	22.6	22.1	21.3	16.8	14.6	14.0	14.5	16.1	18.2	19.4	20.9	18.6
	08	120	20.6	21.0	21.0	20.7	18.5	16.6	15.5	15.3	15.8	17.0	18.0	19.1	18.3
	14	10	25.1	-	23.5	21.6	13.9	11.5	12.3	14.6	19.1	22.4	22.9	25.7	-
	14	20	22.8	22.8	21.7	20.1	13.2	11.1	11.4	12.6	15.7	18.7	19.8	21.9	17.7
	14	30	23.1	23.3	22.4	21.1	15.0	12.8	12.7	13.9	16.3	18.9	20.1	21.9	18.5
	14	60	22.3	22.5	22.1	21.3	16.6	14.6	14.0	14.5	16.1	18.2	19.3	20.9	18.5
	14	120	20.6	21.0	21.0	20.7	18.5	16.5	15.5	15.3	15.8	17.0	18.0	19.1	18.3
239/730 UKULINGA AGR							ø 29°40' S λ 30°25' E		H 762M						1959
GRAS/GRASS			13.9	15.2	13.2	11.8	6.7	4.0	5.7	5.7	8.3	12.0	12.8	13.3	10.2
ABS MIN			5.1	11.5	5.8	7.3	-0.1	-0.5	0.8	1.2	2.0	-1.0	6.2	9.9	-1.0
DAT			14	21	19	18	1	28	18	4	14	5	4	29	
GROND/SOIL	08	30	24.4	24.9	24.6	23.6	17.6	15.9	15.6	16.7	18.4	20.8	22.4	24.2	20.8
SS/CT/CC/CP	08	60	24.3	24.7	24.6	24.0	19.1	16.9	16.3	17.0	18.4	20.5	22.3	23.8	21.0
	14	30	24.4	24.8	24.7	23.7	17.6	15.8	15.7	16.9	18.4	20.9	22.6	24.3	20.8
	14	60	24.3	24.7	24.6	23.9	19.1	16.9	16.3	17.0	18.3	20.5	22.3	23.8	21.0
241/ 72 MOUNT EDGECOMBE							ø 29°42' S λ 31°03' E		H 104M						1959
GRAS/GRASS			18.2	18.5	17.0	15.5	10.5	7.2	8.4	7.7	10.2	14.6	16.1	17.5	13.5
ABS MIN			8.0	14.0	10.0	11.0	6.5	4.5	4.6	4.5	4.7	4.2	9.0	14.4	4.2
DAT			14	21	19	18	1	14	18	1	14	5	4	15	
GROND/SOIL	08	30	25.3	25.8	25.6	24.5	20.2	17.5	17.4	18.1	19.1	21.6	23.1	24.5	21.9
XX/XX/XX/XX	08	60	25.3	25.7	25.6	24.8	21.0	18.5	17.9	18.4	19.4	21.4	23.0	24.3	22.1
	08	120	24.4	24.7	25.1	24.9	22.6	20.3	19.2	19.1	19.7	20.8	22.2	23.4	22.2
	14	30	25.3	25.9	25.6	24.5	20.2	17.4	17.4	18.1	19.3	21.6	23.1	24.5	21.9
	14	60	25.3	25.7	25.6	24.8	21.0	18.4	17.9	18.4	19.4	21.4	22.9	24.2	22.1
	14	120	24.4	24.7	25.1	24.8	22.7	20.4	19.2	19.1	19.6	20.8	22.3	23.4	22.2

GEMIDDELDE GRASMINIMUM- EN GROND- TEMPERATURE °C

MEAN GRASS MINIMUM AND SOIL TEMPERATURES °C

	SAST CM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	J/Y
247/668 POFADDER						ø 29°08' S λ 19°23' M H 996M								1959
GRAS/GRASS		14·1	16·1	13·2	9·7	3·2	4·2	2·7	4·1	7·4	8·6	12·6	15·1	9·3
ABS MIN		7·0	10·5	3·0	3·0	-0·6	-0·5	-1·8	-3·6	0·0	-0·2	3·2	7·6	-3·6
DAT		12	20	18	29	16	9	14	7	13	5	1	18	
GROND/SOIL	08 10	24·4	25·8	23·5	19·0	10·2	10·4	9·7	11·4	15·3	17·6	22·4	24·3	17·8
RR/GS/BS/GS	08 20	28·5	29·4	26·9	22·7	14·1	13·2	12·5	14·0	17·8	20·9	25·9	27·8	21·1
	08 30	29·8	30·6	27·8	23·0	14·8	13·5	12·7	14·1	18·3	21·8	26·5	28·9	21·8
	08 60	29·6	30·1	28·3	24·9	17·9	15·3	14·3	15·0	18·2	21·5	25·4	28·3	22·4
	08 120	28·1	28·6	27·9	25·7	20·7	17·3	16·2	16·0	17·9	20·6	23·6	26·4	22·4
	14 10	30·8	32·1	29·4	23·7	15·2	14·4	13·4	16·0	21·6	24·3	29·2	31·0	23·4
	14 20	29·1	29·2	26·7	22·6	14·3	13·4	12·4	14·0	17·7	20·9	26·3	28·7	21·3
	14 30	29·6	30·3	27·7	22·9	14·5	13·1	12·3	13·8	17·8	21·6	26·5	28·9	21·6
	14 60	29·7	30·2	28·4	24·9	17·9	15·3	14·4	15·1	18·2	21·6	25·5	28·3	22·5
	14 120	28·2	28·7	28·0	25·7	20·7	17·4	16·3	16·1	18·0	20·6	23·7	26·5	22·5
	20 10	34·0	34·7	31·7	25·3	15·5	15·4	14·9	17·5	23·2	26·1	32·2	33·5	25·3
	20 20	31·9	31·9	28·9	24·5	-	-	14·4	16·0	20·4	23·2	29·0	31·6	-
	20 30	31·4	31·8	28·7	23·8	15·5	14·2	13·3	14·6	19·3	22·9	28·1	30·6	22·9
	20 60	29·3	29·9	28·1	24·6	17·6	15·2	14·2	14·9	18·1	21·3	25·3	28·0	22·2
	20 120	28·0	28·5	27·8	25·6	20·6	17·3	16·2	16·0	17·9	20·6	23·5	26·3	22·4
258/157 RIETRIVIER	AGR					ø 29°07' S λ 24°36' E H 1140M								1959
GRAS/GRASS		11·8	14·2	11·1	6·6	2·3	-1·4	0·2	-1·2	2·1	7·6	11·5	13·2	6·5
ABS MIN		1·9	8·5	3·1	-1·0	-2·4	-7·4	-4·0	-5·4	-5·6	-4·2	5·4	8·5	-7·4
DAT		13	21	20	9	26	25	26	9	2	6	1	5	
GROND/SOIL	08 10	23·3	21·8	21·1	16·8	8·3	6·1	7·3	8·8	15·5	18·2	22·1	22·7	15·8
NN/LS/LS/LL	08 20	25·5	23·6	23·3	19·4	10·5	8·5	9·6	11·2	15·8	20·3	23·0	23·8	17·9
	08 30	27·2	25·3	25·0	21·3	13·1	10·8	11·5	13·1	17·4	21·4	24·5	25·5	19·7
	08 60	27·9	26·4	26·0	23·2	16·1	13·1	13·1	14·3	17·7	21·6	24·7	25·9	20·8
	08 120	26·3	25·6	25·5	24·0	19·6	16·1	15·2	15·3	17·1	19·8	22·4	24·3	20·9
	14 10	34·0	33·1	31·2	25·7	16·0	14·5	15·3	18·3	23·5	27·8	32·9	32·6	25·4
	14 20	29·6	27·6	27·0	22·2	13·3	11·1	11·9	14·0	18·5	23·4	27·9	28·7	21·3
	14 30	28·1	26·1	25·5	21·6	13·3	10·9	11·6	13·3	17·5	22·0	25·5	26·5	20·2
	14 60	27·8	26·2	25·8	23·0	15·9	13·0	13·0	14·2	17·4	21·5	24·5	25·9	20·7
	14 120	26·2	25·6	25·5	24·0	19·6	16·1	15·2	15·4	17·0	19·8	22·4	24·3	20·9
263/859 MASERU						ø 29°19' S λ 27°29' E H 1528M								1959
GRAS/GRASS		-	-	-	3·2	1·2	-6·8	-3·1	-6·6	-1·8	5·0	7·3	10·2	-
ABS MIN		-	-	-	-	-6·5	-11·5	-7·8	-9·0	-11·5	-9·8	-2·5	-	-
DAT		-	-	-	-	28	5	31	19	2	6	2	-	
268/631 ESTCOURT	AGR					ø 29°01' S λ 29°52' E H 1181M								1959
GRAS/GRASS		12·7	13·2	11·2	8·3	2·5	-0·4	-0·1	0·4	3·9	9·0	10·9	13·0	7·1
ABS MIN		4·0	6·5	6·8	3·9	-3·9	-3·5	-4·5	-2·2	-4·2	-1·5	4·0	9·0	-4·5
DAT		14	22	25	10	1	29	18	15	2	6	4	8	
GROND/SOIL	08 10	21·0	20·5	19·2	17·5	9·2	7·3	7·0	9·4	13·8	16·4	17·4	20·8	15·0
VD/LL/LK/LK	08 20	23·2	22·5	21·8	20·5	12·2	10·4	9·8	12·1	16·0	18·4	18·9	22·3	17·3
	08 30	24·4	23·7	23·4	21·8	14·2	12·0	11·4	13·2	16·7	19·4	20·0	22·9	18·6
	08 60	24·4	23·9	23·6	22·6	15·9	13·4	12·4	13·6	16·5	19·4	20·2	22·6	19·0
	08 120	22·1	22·4	22·2	21·9	17·9	15·1	13·7	13·9	15·5	17·8	18·9	20·8	18·5
	14 10	31·7	30·6	30·3	27·5	17·6	16·4	16·0	17·4	21·9	25·8	26·1	29·5	24·2
	14 20	25·8	24·9	24·3	22·6	14·0	12·2	11·6	13·6	17·5	20·9	21·5	25·1	19·5
	14 30	24·6	23·9	23·2	21·9	14·2	12·0	11·3	13·2	16·8	19·6	20·2	23·1	18·7
	14 60	24·2	23·8	23·4	22·4	15·8	13·2	12·3	13·5	16·5	19·2	20·1	22·5	18·9
	14 120	22·2	22·4	22·2	21·9	17·9	15·1	13·7	13·9	15·5	17·8	18·9	20·8	18·5
	20 10	27·4	26·5	25·9	23·3	14·4	12·9	12·7	15·8	20·6	22·1	22·3	26·0	20·8
	20 20	27·6	26·6	26·1	24·0	15·4	13·7	13·2	15·5	19·7	22·2	22·4	26·2	21·1
	20 30	26·1	25·3	24·8	23·1	15·3	13·1	12·4	14·2	18·0	20·7	21·3	24·2	19·9
	20 60	24·1	23·6	23·3	22·3	15·7	13·1	12·2	13·4	16·4	19·2	20·0	22·5	18·8
	20 120	22·1	22·3	22·2	21·9	17·8	15·1	13·7	13·9	15·5	17·8	18·9	20·8	18·5
290/468 KIMBERLEY	WK					ø 28°48' S λ 24°46' E H 1197M								1959
GRAS/GRASS		12·8	14·5	11·4	7·6	2·4	-1·0	1·4	-1·2	2·8	9·0	12·6	14·0	7·2
ABS MIN		3·2	6·2	0·8	-1·1	-3·4	-7·0	-4·3	-7·5	-7·1	-4·2	4·3	8·8	-7·5
DAT		13	21	20	9	26	25	20	9	2	6	2	5	
293/597 GLEN	AGR					ø 28°57' S λ 26°20' E H 1304M								1959
GRAS/GRASS		11·3	12·4	9·7	5·7	0·9	-3·8	-1·0	-3·2	1·8	8·1	10·6	12·5	5·4
ABS MIN		2·5	6·8	0·8	-2·1	-4·0	-9·5	-4·5	-6·8	-7·2	-3·7	2·4	7·6	-9·5
DAT		13	26	20	9	26	25	31	18	2	5	2	5	

GEMIDDELDE GRASMINIMUM- EN GROND- TEMPERATURE °C

MEAN GRASS MINIMUM AND SOIL TEMPERATURES °C

	SAST CM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	J/Y
303/680 VUMA FARM NAF						ø 28°50' S λ 31°23' E H 518M								1959
GRAS/GRASS		15.7	15.8	13.8	14.1	7.8	4.3	4.6	4.9	9.2	11.9	14.1	-	
ABS MIN		9.0	10.5	8.0	8.0	3.0	1.4	1.0	1.4	2.3	3.5	5.4	-	
DAT		14	13	22	19	2	13	31	11	4	7	4	-	
317/447A UPINGTON AGR						ø 28°27' S λ 21°15' E H 793M								1959
GRAS/GRASS		-	13.8	11.6	7.5	1.1	-	-	-	3.1	7.5	11.3	13.6	-
ABS MIN		-	9.6	1.7	0.2	-2.7	-	-	-	-4.8	-4.9	2.4	8.5	-
DAT		-	17	19	26	16	-	-	-	2	6	2	19	
GROND/SOIL	08 30	30.1	30.5	27.9	23.3	15.0	13.1	12.8	14.2	18.3	22.9	28.1	30.5	22.2
VV/CS/CS/CS	08 60	30.2	30.5	28.6	25.0	17.9	14.8	14.1	14.8	18.1	22.4	26.9	29.6	22.7
	08 120	28.3	28.8	28.3	26.3	22.1	18.4	16.9	16.4	18.0	20.8	24.1	26.8	22.9
	14 30	29.9	30.4	27.7	23.0	14.8	12.8	12.6	14.0	18.2	22.8	28.1	30.4	22.1
	14 60	30.1	30.4	28.6	24.9	17.8	14.8	14.1	14.8	18.1	22.4	26.9	29.6	22.7
	14 120	28.3	28.9	28.3	26.4	22.1	18.5	16.9	16.5	18.0	20.8	24.1	26.8	23.0
323/102 KOOPMANSFONTEIN AGR						ø 28°12' S λ 24°04' E H 1341M								1959
GRAS/GRASS		10.4	12.6	7.8	3.8	-0.2	-4.9	-3.8	-5.9	-1.4	4.0	7.9	10.2	3.4
ABS MIN		-2.1	6.5	-2.5	-4.6	-5.5	-13.2	-8.6	-12.0	-11.2	-11.0	-0.5	4.3	-13.2
DAT		13	21	20	9	26	25	20	9	1	6	3	19	
GROND/SOIL	08 10	22.5	20.3	19.3	17.1	8.5	7.1	7.4	8.4	13.4	17.6	20.4	21.9	15.3
VV/LS/HS/HH	08 20	24.7	21.8	21.6	19.5	10.3	8.6	9.1	10.6	15.5	19.5	22.4	23.2	17.2
	08 30	25.3	23.1	22.6	20.6	12.5	10.4	10.5	11.8	16.1	20.0	23.1	23.9	18.3
	08 60	25.1	23.5	23.0	21.8	15.4	12.4	12.0	12.7	15.9	19.6	22.3	23.5	18.9
	08 120	23.9	23.3	22.8	22.3	18.8	15.4	14.3	14.0	15.8	18.4	20.7	22.1	19.3
	14 10	29.9	25.8	25.3	22.6	13.3	11.2	11.3	13.5	19.5	24.0	28.0	28.7	21.1
	14 20	25.9	23.3	22.5	20.1	11.5	9.5	9.7	11.3	16.3	20.6	24.3	24.8	18.3
	14 30	25.5	23.1	22.7	20.8	12.4	10.3	10.4	11.7	16.1	20.2	23.3	24.0	18.4
	14 60	25.0	23.5	23.0	21.8	15.2	12.3	12.1	12.7	16.0	19.5	22.3	23.5	18.9
	14 120	23.9	23.3	22.9	22.3	18.7	15.4	14.4	14.1	15.8	18.3	20.7	22.1	19.3
328/636 VIRGINIA MUN						ø 28°06' S λ 26°52' E H 1341M								1959
GRAS/GRASS		12.0	13.6	11.3	8.1	2.5	-0.9	0.7	-0.8	4.7	9.0	11.9	13.3	7.1
ABS MIN		3.0	9.1	2.9	0.6	-3.6	-6.2	-4.9	-5.5	-5.2	-1.9	4.6	7.1	-6.2
DAT		17	26	19	30	26	25	22	16	1	6	2	5	
331/520 BETHLEHEM AGR						ø 28°10' S λ 28°18' E H 1631M								1959
GRAS/GRASS		8.6	9.5	7.1	3.6	-1.0	-5.3	-4.1	-6.1	-1.0	4.3	7.7	9.9	2.8
ABS MIN		-1.2	3.7	0.0	-6.0	-6.9	-10.9	-7.7	-9.5	-11.0	-7.5	0.7	3.4	-11.0
DAT		14	22	21	9	2	5	30	1	2	6	4	5	
GROND/SOIL	08 10	19.3	19.3	17.2	13.3	5.9	3.9	3.5	4.9	10.3	13.1	-	-	-
VV/LS/LS/LC	08 20	21.0	21.2	19.4	15.6	8.1	6.4	5.6	7.4	12.3	15.2	17.6	20.2	14.2
	08 30	22.7	22.9	21.4	17.9	10.2	8.5	7.6	9.5	14.1	16.7	19.2	21.7	16.0
	08 60	23.2	23.3	22.5	19.6	12.5	10.3	9.1	10.5	14.4	17.2	19.6	22.0	17.0
	08 120	21.3	21.6	21.5	20.0	15.4	12.5	10.9	11.0	13.0	15.6	17.5	19.6	16.7
	14 10	30.3	30.5	28.1	22.9	13.6	12.5	11.4	15.3	21.6	23.9	-	-	-
	14 20	25.6	26.1	23.8	19.4	11.0	9.2	8.3	11.1	16.9	20.4	23.3	25.5	18.4
	14 30	23.2	23.5	21.9	18.1	10.4	8.5	7.7	9.5	14.4	17.6	20.2	22.5	16.5
	14 60	23.0	23.2	22.2	19.3	12.3	10.1	8.9	10.3	14.2	17.1	19.3	21.7	16.8
	14 120	21.3	21.6	21.5	20.0	15.3	12.5	10.9	10.9	13.0	15.6	17.5	19.6	16.6
	20 10	27.1	26.9	24.3	19.7	10.8	10.1	9.2	12.7	18.5	19.3	-	-	-
	20 20	27.3	27.3	25.1	20.5	11.8	10.7	9.8	13.1	18.8	20.8	23.3	26.6	19.6
	20 30	24.8	25.4	23.7	19.8	11.7	10.1	9.1	11.6	16.8	19.4	21.9	24.6	18.2
	20 60	23.0	23.2	22.1	19.3	12.2	10.1	8.8	10.2	14.1	17.1	19.5	21.7	16.8
	20 120	21.3	21.6	21.5	20.0	15.3	12.5	10.9	10.9	13.0	15.6	17.5	19.6	16.6
360/597 VAALHARTS AGR						ø 27°57' S λ 24°50' E H 1175M								1959
GRAS/GRASS		12.3	14.0	10.3	6.1	1.2	-2.3	-0.5	-3.3	2.1	7.3	10.8	12.5	5.9
ABS MIN		4.0	8.8	0.5	-2.6	-3.4	-9.3	-4.5	-9.0	-8.1	-6.1	5.2	6.5	-9.3
DAT		15	21	20	9	26	25	20	8	2	5	1	1	
GROND/SOIL	08 10	22.7	22.8	21.6	17.1	9.5	7.8	8.4	9.1	14.1	18.3	21.8	22.5	16.3
NR/LS/LS/LS	08 20	25.2	25.1	24.9	20.9	11.9	10.4	10.5	12.1	17.3	20.9	23.6	24.2	18.9
	08 30	27.1	26.7	26.7	23.2	14.3	12.5	12.4	14.0	18.7	22.4	25.0	26.0	20.7
	08 60	27.9	27.3	27.1	24.3	16.5	13.8	13.5	14.8	18.4	22.4	25.2	26.2	21.5
	08 120	26.5	26.1	26.2	25.0	20.3	17.1	15.7	15.7	17.7	20.7	23.2	24.9	21.6
	14 10	35.3	33.5	32.9	27.5	18.2	16.0	16.2	18.9	25.3	29.6	33.5	33.5	26.7
	14 20	28.9	28.7	26.9	22.5	14.9	12.6	12.8	14.2	19.0	23.6	27.2	28.4	21.6
	14 30	27.3	26.8	26.3	22.9	14.0	12.1	12.1	13.6	18.2	22.8	25.4	26.2	20.6
	14 60	27.6	27.0	26.9	24.3	16.4	13.8	13.4	14.6	18.3	22.1	24.9	25.9	21.3
	14 120	26.5	26.1	26.2	25.0	20.3	17.1	15.7	15.7	17.7	20.7	23.2	24.8	21.6

GEMIDDELDE GRASMINIMUM- EN GROND- TEMPERATURE °C

MEAN GRASS MINIMUM AND SOIL TEMPERATURES °C

	SAST	CM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	J/Y
362/710 HOOPSTAD TNK							ø 27°50'S λ 25°54'E H 1239M								1959
GRAS/GRASS			13·0	13·7	11·0	7·7	2·0	-1·6	0·3	-2·3	2·3	8·4	11·5	14·2	6·7
ABS MIN			5·0	4·4	1·5	-1·5	-2·5	-7·4	-2·8	-6·0	-7·0	-4·5	5·2	8·4	-7·4
DAT			15	16	19	9	26	25	16	9	2	6	2	5	
GROND/SOIL	08	10	22·8	21·4	20·4	17·1	8·9	7·6	-	-	-	-	-	21·9	-
NR/LS/LS/LS	08	20	26·4	24·5	24·1	21·4	12·3	11·2	10·9	12·3	17·2	19·9	23·4	24·0	19·0
	08	30	28·1	26·4	26·1	23·3	15·2	13·9	13·3	14·7	19·0	21·8	25·2	25·9	21·1
	08	60	28·1	26·8	26·7	24·6	17·8	15·6	14·5	15·3	18·8	21·9	24·5	26·1	21·7
	08	120	25·6	25·1	25·3	24·4	20·6	17·7	16·1	15·8	17·2	19·7	21·7	23·5	21·1
	14	10	35·5	34·9	33·9	29·9	20·1	18·5	-	-	-	-	-	32·5	-
	14	20	29·1	28·9	27·8	23·6	15·5	13·4	13·1	14·7	19·9	23·8	28·3	29·2	22·3
	14	30	28·0	26·7	26·1	23·2	14·8	13·3	12·8	14·2	19·0	22·2	25·7	26·7	21·1
	14	60	27·8	26·6	26·5	24·4	17·5	15·3	14·3	15·1	18·6	21·7	24·4	25·8	21·5
	14	120	25·6	25·1	25·3	24·4	20·6	17·8	16·2	15·8	17·2	19·8	21·8	23·6	21·1
	20	10	33·5	31·1	29·5	26·7	17·2	16·5	-	-	-	-	-	31·1	-
	20	20	32·6	31·8	29·9	26·8	18·3	16·8	16·2	19·0	23·8	26·6	31·0	31·8	25·4
	20	30	30·5	29·5	28·4	25·2	17·0	15·2	14·5	16·5	21·1	24·5	28·1	29·3	23·3
	20	60	27·7	26·6	26·4	24·2	17·5	15·3	14·3	15·1	18·6	21·6	24·3	25·8	21·5
	20	120	25·6	25·0	25·2	24·3	20·5	17·6	16·1	15·7	17·2	19·8	21·7	23·5	21·0
365/398A KROONSTAD AGR							ø 27°38'S λ 27°14'E H 1427M								1959
GRAS/GRASS			11·7	12·7	10·4	7·2	1·1	-2·5	-1·5	-3·7	-	-	7·2	9·3	-
ABS MIN			1·1	9·5	0·8	-3·0	-4·1	-7·9	-5·8	-	-	-	4·4	7·4	-
DAT			14	22	19	9	23	25	15	-	-	-	12	31	
GROND/SOIL	08	10	21·5	21·5	20·0	17·0	9·1	7·4	7·4	8·8	13·3	16·4	18·7	21·2	15·2
NV/LS/CS/CP	08	20	23·0	22·9	21·7	18·8	10·8	9·0	8·9	10·5	14·8	17·5	19·6	22·0	16·6
	08	30	23·9	23·8	22·7	19·8	12·2	10·2	10·0	11·6	15·7	18·5	20·7	23·0	17·7
	08	60	24·6	24·4	23·6	21·3	14·4	11·9	11·3	12·6	16·2	19·1	21·5	23·8	18·7
	08	120	22·8	22·9	22·7	21·6	17·7	14·7	13·5	13·4	15·3	17·6	19·7	21·6	18·6
370/765 NEWCASTLE CON							ø 27°45'S λ 29°56'E H 1197M								1959
GRAS/GRASS			14·3	14·3	11·8	9·4	4·3	-0·7	-	-1·3	5·4	10·5	12·3	13·4	-
ABS MIN			9·5	9·7	7·4	0·9	-3·4	-5·4	-	-6·6	-5·8	-0·9	6·6	4·3	-
DAT			15	22	24	10	26	28	-	1	2	6	4	3	
GROND/SOIL	08	10	21·2	21·1	19·4	17·1	9·2	6·0	5·8	7·4	12·3	17·1	18·4	20·7	14·6
VV/LL/GS/GB	08	20	22·6	22·8	21·3	19·5	11·4	8·5	8·1	9·9	14·5	18·1	19·5	21·5	16·5
	08	30	23·3	23·5	22·1	20·3	12·6	9·6	9·1	10·8	15·2	18·8	20·1	22·0	17·3
	08	60	23·7	23·9	22·9	21·4	15·0	11·7	10·6	11·5	15·1	18·8	20·4	22·1	18·1
	14	10	32·1	31·0	29·3	25·9	14·8	11·4	11·9	17·4	23·1	27·2	27·0	30·0	23·4
	14	20	26·5	25·9	24·0	21·5	12·6	9·5	9·1	11·8	17·1	21·5	22·6	24·8	18·9
	14	30	24·1	24·2	22·6	20·5	12·5	9·4	8·9	10·9	15·6	19·7	20·9	22·8	17·7
	14	60	23·6	23·9	22·8	21·3	14·9	11·6	10·5	11·5	15·0	18·6	20·2	22·0	18·0
	20	10	25·0	25·4	23·5	21·3	12·4	9·7	9·9	13·3	18·1	21·2	21·9	24·0	18·8
	20	20	26·2	26·4	24·4	21·9	13·3	10·3	10·0	13·1	18·2	21·8	22·6	24·7	19·4
	20	30	25·7	25·7	24·0	21·7	13·3	10·2	9·8	12·4	17·2	21·1	22·2	24·1	18·9
	20	60	23·5	23·8	22·8	21·2	14·8	11·5	10·5	11·5	15·0	18·6	20·2	22·0	17·9
393/778 KURUMAN TNK							ø 27°28'S λ 23°26'E H 1312M								1959
GRAS/GRASS			13·4	15·1	11·9	8·0	2·3	0·8	0·5	0·1	4·7	10·0	13·3	-	-
ABS MIN			7·5	11·8	5·0	1·2	-2·0	-4·5	-3·9	-4·0	-4·7	-0·5	7·8	-	-4·7
DAT			13	26	20	30	23	26	15	6	2	6	2	-	
GROND/SOIL	08	10	21·7	-	20·1	17·4	9·6	9·3	9·7	11·1	15·8	20·7	24·0	24·4	-
VV/SS/GS/GG	08	20	-	-	22·8	19·7	11·8	11·3	11·7	13·6	18·2	23·0	26·4	26·4	-
	08	30	25·9	25·4	23·9	20·9	13·4	12·7	13·0	14·8	19·2	24·0	27·4	27·8	20·7
	08	60	25·0	-	24·4	22·0	15·2	14·1	14·0	15·5	19·5	24·1	27·4	28·2	-
	08	120	24·8	24·4	24·0	22·4	18·2	16·3	15·6	16·2	18·5	22·1	24·6	25·8	21·1
	14	10	31·4	-	27·8	23·6	15·5	14·8	15·1	17·5	23·1	27·7	31·9	31·3	-
	14	20	-	-	24·7	21·0	13·2	12·4	12·7	14·5	19·6	24·4	28·4	28·8	-
	14	30	26·0	25·4	23·7	20·6	13·1	12·4	12·7	14·4	18·9	23·6	27·2	27·7	20·5
	14	60	24·6	-	24·0	21·7	15·0	13·9	13·8	15·3	19·2	23·8	27·1	27·8	-
	14	120	24·8	24·5	24·0	22·4	18·2	16·4	15·7	16·2	18·6	22·1	24·7	25·8	21·1
	20	10	28·8	-	26·9	22·6	14·3	14·2	14·8	17·3	23·0	27·3	31·6	31·2	-
	20	20	-	-	27·0	22·8	14·8	14·3	14·7	16·9	22·0	26·6	30·5	30·8	-
	20	30	27·7	27·3	25·7	22·1	14·6	13·9	14·1	15·9	20·7	25·2	29·1	29·7	22·2
	20	60	24·6	-	24·1	21·6	14·9	13·8	13·8	15·2	19·2	23·8	27·1	27·8	-
	20	120	24·7	24·4	24·0	22·4	18·1	16·3	15·6	16·2	18·6	22·1	24·6	25·8	21·1
410/203 PONGOLA							ø 27°23'S λ 31°37'E H 300M								1959
GRAS/GRASS			18·7	18·8	17·6	16·6	10·9	8·4	9·6	9·1	12·3	16·0	17·2	18·9	14·5
ABS MIN			11·8	11·5	13·5	11·6	7·3	5·1	5·4	6·0	6·5	7·2	12·6	14·8	5·1
DAT			15	13	22	27	1	10	22	18	4	6	5	8	
GROND/SOIL	08	30	28·3	29·5	29·2	28·8	22·0	19·4	19·7	20·8	22·4	25·4	25·1	27·4	24·8
VV/LL/LK/GU	08	60	28·7	29·6	29·6	29·5	24·2	21·0	20·9	21·7	23·1	25·7	25·7	27·6	25·6
	08	120	27·7	28·5	28·6	28·7	25·7	22·8	21·9	22·1	23·0	24·7	25·1	26·4	25·5
	14	30	28·6	29·9	29·6	29·1	22·4	19·6	19·9	20·9	22·7	25·8	25·4	27·8	25·1
	14	60	28·7	29·5	29·5	29·4	24·1	20·9	20·8	21·5	22·9	25·6	25·6	27·5	25·5
	14	120	27·8	28·5	28·6	28·7	25·7	22·8	21·9	22·1	23·0	24·7	25·1	26·4	25·4
	20	30	29·7	31·0	30·9	30·4	23·6	20·7	21·1	22·1	24·3	27·2	26·7	28·6	26·4
	20	60	28·6	29·5	29·4	29·3	23·9	20·8	20·7	21·4	23·1	25·5	25·5	27·4	25·4
	20	120	27·7	28·4	28·4	28·6	25·6	22·7	21·9	22·0	23·0	24·6	25·1	26·4	25·4

GEMIDDELDE GRASMINIMUM- EN GROND- TEMPERATURE °C

MEAN GRASS MINIMUM AND SOIL TEMPERATURES °C

	SAST CM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	J/Y
419/184 KEETMANSHOOP WK						ø 26°34' S λ 18°07½' E		H 1066M						1959
GRAS/GRASS		15.4	17.7	14.7	11.1	3.8	5.7	4.0	5.3	7.9	9.0	13.0	15.3	10.2
ABS MIN		6.2	12.2	5.0	-1.1	-1.5	0.6	-3.1	-2.5	-3.8	0.0	4.2	8.3	-3.8
DAT		13	16	18	30	25	10	14	17	13	5	2	5	
GROND/SOIL NL/SL/SR/SR	08 10								13.5	18.2	21.2	25.8	27.1	
	08 20								17.2	22.0	25.9	30.8	33.1	-
	08 30								17.8	22.1	26.0	30.6	33.0	-
	08 60								19.0	21.9	25.3	29.1	31.6	-
	08 120								21.0	22.0	24.1	26.6	28.8	-
	14 10								20.5	27.3	32.5	39.4	41.0	-
	14 20								16.8	21.6	25.7	30.6	33.2	-
	14 30								18.1	22.5	26.3	31.0	33.3	-
	14 60								19.0	21.9	25.3	29.1	31.6	-
	14 120								21.0	22.1	24.2	26.6	28.8	-
	20 10								22.2	28.0	33.4	38.9	40.8	-
	20 20								18.6	24.2	28.5	34.0	36.5	-
	20 30								18.8	23.3	27.4	32.0	34.4	-
	20 60								19.1	21.9	25.4	29.1	31.6	-
	20 120								21.0	22.0	24.1	26.6	28.8	-
432/237 ARMOEDSVLAKTE AGR						ø 26°57' S λ 24°38' E		H 1234M						1959
GRAS/GRASS		12.3	14.3	10.0	6.5	1.8	-1.2	-1.0	-2.9	1.8	7.9	11.3	14.1	6.2
ABS MIN		3.3	10.0	1.4	-1.4	-2.9	-8.5	-4.8	-5.8	-6.0	-5.0	5.0	9.2	-8.5
DAT		14	26	19	9	27	25	16	16	2	6	2	19	
GROND/SOIL VV/SS/HS/HB	08 10	23.3	23.0	22.0	18.2	9.5	8.4	8.0	9.0	14.0	19.2	22.9	24.7	16.9
	08 20	25.1	24.8	24.9	21.5	12.0	10.9	10.7	12.1	17.1	21.5	24.3	26.1	19.3
	08 30	25.7	25.4	25.4	22.3	13.7	12.4	11.9	13.3	18.0	22.4	25.3	27.0	20.2
	14 10	34.1	33.6	33.5	29.7	19.4	18.1	17.5	20.2	26.7	31.3	35.2	35.0	27.9
	14 20	29.3	28.8	27.9	24.2	15.4	13.8	13.3	14.9	20.2	25.0	28.8	30.3	22.7
	14 30	28.0	27.5	27.5	24.0	14.9	13.3	12.8	14.5	19.9	24.5	28.1	29.5	22.0
	20 10	29.7	29.6	30.1	25.4	15.4	14.4	14.3	17.1	24.5	27.6	30.1	31.2	24.1
	20 20	31.1	30.5	30.5	26.4	16.9	15.3	15.1	17.5	23.1	27.3	30.2	31.9	24.7
	20 30	30.4	29.8	29.6	25.9	16.8	15.0	14.6	16.8	22.2	26.8	30.2	31.9	24.2
434/153 BARBERSPAN						ø 26°33' S λ 25°36' E		H 1350M						1959
GRAS/GRASS		-	-	8.7	-	-0.7	-2.2	1.1	-2.8	3.0	8.5	11.1	12.0	-
ABS MIN		-	-	3.2	-3.1	-6.0	-9.0	-5.5	-7.4	-7.5	-4.8	4.9	6.4	-
DAT		-	-	19	9	23	25	16	6	2	5	1	5	
437/134 POTCHEFSTROOM AGR						ø 26°44' S λ 27°05' E		H 1345M						1959
GRAS/GRASS		11.4	12.4	10.4	7.1	0.7	-2.6	-1.0	-4.2	2.0	7.8	9.6	11.8	5.5
ABS MIN		2.6	8.4	2.2	-1.4	-6.2	-7.6	-6.0	-9.0	-7.5	-5.8	3.0	5.5	-9.0
DAT		15	22	19	9	26	25	30	4	2	6	2	5	
GROND/SOIL NN/LS/LS/LS	08 10	22.6	22.9	20.9	18.6	10.2	8.9	8.9	10.1	15.3	18.6	20.5	21.3	16.6
	08 20	24.0	24.4	23.1	20.9	12.4	11.0	10.4	12.1	16.9	20.1	21.6	22.4	18.3
	08 30	25.5	25.7	24.1	22.0	13.7	12.1	11.7	13.4	17.8	20.9	22.2	23.0	19.3
	08 60	26.0	25.9	25.2	23.6	16.3	14.1	13.3	14.4	18.1	21.5	22.7	23.6	20.4
	08 120	24.1	24.2	24.4	23.6	19.7	16.8	15.4	15.2	16.9	19.5	21.1	22.3	20.3
	14 10	31.7	31.0	29.1	26.2	16.6	15.3	14.7	17.3	23.1	26.3	28.2	28.8	24.0
	14 20	26.5	26.6	25.1	22.6	13.9	12.2	11.6	13.6	18.9	22.4	23.9	24.7	20.2
	14 30	25.4	25.6	24.3	22.3	13.9	12.3	11.8	13.6	18.4	21.7	23.1	23.9	19.7
	14 60	25.9	25.9	25.2	23.5	16.3	14.1	13.3	14.4	18.1	21.4	22.9	23.7	20.4
	14 120	24.1	24.2	24.4	23.6	19.7	16.8	15.4	15.2	16.9	19.5	21.1	22.3	20.3
	20 10	27.9	28.7	26.9	23.9	14.6	13.9	13.5	16.1	21.4	24.0	25.7	26.6	21.9
	20 20	28.0	28.3	26.7	24.1	15.1	13.8	13.2	15.5	20.5	23.4	25.2	26.2	21.7
	20 30	26.8	27.1	25.9	23.7	15.2	13.7	13.2	15.2	19.8	22.8	24.5	25.4	21.1
	20 60	25.7	25.9	25.0	23.3	16.1	14.0	13.1	14.2	17.9	21.2	22.8	23.7	20.2
	20 120	24.0	24.2	24.4	23.5	19.6	16.7	15.3	15.1	16.8	19.4	21.1	22.3	20.2
438/731 VEREENIGING RWB						ø 26°41' S λ 27°55' E		H 1440M						1959
GRAS/GRASS		10.8	10.6	9.0	6.7	0.5	-2.8	-2.7	-3.6	2.2	8.0	10.2	12.0	5.1
ABS MIN		1.6	6.1	2.6	-1.0	-4.5	-6.9	-7.2	-7.5	-8.6	-7.3	5.7	6.3	-8.6
DAT		15	22	19	9	28	22	15	17	2	6	1	5	
GROND/SOIL XX/XX/XX/XX	08 30	23.1	23.3	22.6	19.7	12.7	10.7	10.4	11.9	16.0	19.3	20.6	22.4	17.7
	08 60	23.4	23.6	23.2	21.4	15.8	13.1	12.6	13.3	16.4	19.6	21.1	22.5	18.8
	08 120	22.5	22.8	22.7	22.1	18.6	16.0	14.8	14.7	16.2	18.6	20.1	21.1	19.2

GEMIDDELDE GRASMINIMUM- EN GROND- TEMPERATURE °C

MEAN GRASS MINIMUM AND SOIL TEMPERATURES °C

	DAST CM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	J/Y
442/811 NOOITGEDACHT AGR						ø 26°31' S λ 29°58' E H 1694M								1959
GRAS/GRASS		8·0	7·4	6·2	4·1	-1·4	-4·8	-4·3	-4·6	1·0	4·2	6·6	8·5	2·6
ABS MIN		1·0	-0·4	-1·0	-2·8	-8·2	-8·8	-11·2	-8·9	-	-6·6	0·0	5·0	-
DAT		15	22	24	18	26	20	30	10	-	5	1	5	
444/540 PIET RETIEF						ø 27°00' S λ 30°48' E H 1239M								1959
GRAS/GRASS		13·9	-	-	8·6	1·5	-0·7	-0·8	-1·6	3·5	9·0	11·4	13·3	-
ABS MIN		6·8	-	-	3·0	-4·0	-4·0	-5·5	-6·0	-5·0	-2·0	5·0	7·5	-6·0
DAT		14	-	-	30	26	15	23	7	3	5	1	5	
GROND/SOIL	08 10	21·6	21·6	21·0	20·1	12·0	10·3	9·3	11·1	14·4	18·3	19·1	21·3	16·7
VV/LS/GS/GS	08 20	22·4	22·5	22·2	21·6	14·0	12·3	11·2	13·0	15·8	19·3	19·6	21·7	18·0
	08 30	23·5	23·7	23·3	22·8	15·7	14·0	12·9	14·6	17·3	20·6	20·8	22·8	19·3
	08 60	24·6	24·9	24·7	24·3	18·4	16·3	14·7	15·9	18·5	21·5	21·8	23·8	20·8
	08 120	23·5	23·9	23·8	23·7	19·7	17·0	15·4	15·9	17·6	20·2	20·8	22·5	20·3
	14 10	28·4	29·8	29·9	29·4	21·5	19·9	18·4	21·4	25·1	27·2	27·6	28·1	25·6
	14 20	26·6	26·9	26·4	25·7	17·9	15·8	14·5	16·9	20·6	24·2	24·1	26·0	22·1
	14 30	25·2	25·5	24·8	24·3	17·1	14·8	13·6	15·5	19·0	22·6	22·6	24·6	20·8
	14 60	24·3	24·6	24·3	24·0	18·1	15·8	14·5	15·6	18·3	21·2	21·6	23·5	20·5
	14 120	23·4	23·9	23·8	23·7	19·6	16·9	15·3	15·9	17·6	20·2	20·9	22·5	20·3
	20 10	25·7	26·6	25·9	24·8	17·5	15·8	14·7	17·8	20·6	22·9	23·0	25·0	21·7
	20 20	26·6	27·7	26·7	25·9	18·4	16·7	15·4	18·5	21·8	24·3	24·3	25·7	22·7
	20 30	26·7	27·8	26·6	25·8	18·5	16·5	15·2	17·7	20·9	24·2	24·3	25·9	22·5
	20 60	24·4	24·7	24·4	24·1	18·2	15·8	14·5	15·7	18·5	21·5	21·9	23·6	20·6
	20 120	23·5	23·8	23·8	23·6	19·6	16·9	15·3	15·8	17·6	20·2	20·8	22·5	20·3
464/785 TSABONG						ø 26°03' S λ 22°27' E H 960M								1959
GRAS/GRASS		15·6	17·0	13·0	8·7	2·5	-0·6	-0·6	-1·6	2·7	9·3	12·4	15·6	7·8
ABS MIN		7·6	12·3	2·8	-2·4	-4·2	-8·0	-8·0	-6·8	-6·8	-4·7	4·6	9·9	-8·0
DAT		15	16	19	9	26	25	15	6	2	6	3	5	
GROND/SOIL	08 10	-	-	-	-	-	-	-	10·4	15·1	21·3	24·9	24·6	-
XX/XX/XX/XX	08 20	-	-	-	-	-	-	-	13·0	18·3	23·7	26·7	26·3	-
	08 30	28·5	28·0	26·8	23·7	15·5	15·9	13·6	14·4	18·5	23·5	27·0	27·3	21·7
	08 60	28·6	28·6	27·5	24·9	18·3	15·9	15·0	15·4	18·4	22·9	26·2	27·7	22·5
	08 120	27·2	27·4	27·1	25·3	20·9	18·1	16·7	16·3	18·0	21·4	24·3	26·0	22·4
	14 10	-	-	-	-	-	-	-	16·0	21·6	28·1	32·0	31·3	-
	14 20	-	-	-	-	-	-	-	12·9	18·2	23·4	27·5	28·0	-
	14 30	28·5	28·0	26·7	23·5	15·3	13·6	13·3	14·1	18·4	23·5	27·0	27·5	21·6
	14 60	28·5	28·4	27·2	24·8	18·0	15·8	14·8	15·3	18·4	22·8	26·1	27·5	22·3
	14 120	27·2	27·4	27·1	25·4	20·9	18·1	16·7	16·4	18·1	21·5	24·4	26·1	22·4
	20 10	-	-	-	-	-	-	-	17·3	23·1	28·6	31·8	31·7	-
	20 20	-	-	-	-	-	-	-	15·0	19·7	25·0	29·5	30·3	-
	20 30	30·1	30·0	28·1	24·4	16·9	15·0	14·4	15·1	19·4	24·2	28·2	29·4	22·9
	20 60	28·4	28·4	27·2	24·7	18·0	15·7	14·8	15·2	18·3	22·7	26·0	27·4	22·2
	20 120	27·2	27·4	27·0	25·3	20·8	18·0	16·6	16·3	18·0	21·4	24·3	26·1	22·4
476/111 ZWARTKOPJES RWB						ø 26°21' S λ 28°04' E H 1514M								1959
GRAS/GRASS		7·5	7·9	-	-	0·1	-2·8	-3·1	-3·4	2·5	7·7	10·4	12·1	-
ABS MIN		-0·3	-	-	-	-5·5	-6·6	-8·0	-6·7	-7·5	-8·0	5·8	7·9	-
DAT		14	-	-	-	23	25	30	18	3	6	4	28	
476/154 FRANKENWALD						ø 26°04' S λ 28°06' E H 1509M								1959
GROND/SOIL	08 10	20·3	19·9	18·7	15·2	8·6	6·7	6·4	7·3	12·0	17·4	-	20·3	-
NN/LS/LL/CL	08 20	21·8	21·5	20·6	17·5	10·8	9·2	8·8	9·9	13·9	18·5	-	21·1	-
	08 30	23·1	23·0	22·3	19·4	12·9	11·2	10·5	11·5	15·3	19·8	21·1	22·3	17·7
	08 60	23·6	23·6	23·4	21·0	15·5	13·3	12·4	13·0	15·9	20·0	21·5	22·5	18·8
	08 120	22·0	22·2	22·2	21·0	17·2	14·7	13·5	13·3	15·1	18·2	19·7	20·8	18·3
	14 10	31·0	30·7	29·0	25·3	17·4	15·8	16·0	18·8	23·2	28·8	-	28·6	-
	14 20	25·6	25·6	24·7	21·1	13·7	11·9	11·7	13·4	17·9	22·9	-	24·8	-
	14 30	24·3	24·3	23·5	20·4	13·7	11·6	11·2	12·5	16·4	21·2	22·6	23·4	18·8
	14 60	23·4	23·4	23·2	20·9	15·3	13·1	12·3	12·9	15·6	19·8	21·2	22·3	18·6
	14 120	22·0	22·2	22·3	21·0	17·2	14·6	13·5	13·3	15·0	18·2	19·7	20·8	18·3
480/184A CAROLINA TNK						ø 26°04' S λ 30°07' E H 1698M								1959
GRAS/GRASS		12·1	11·1	9·2	7·6	1·4	-0·7	0·1	-0·4	3·4	7·9	9·9	11·5	6·1
ABS MIN		6·4	3·5	2·7	1·9	-4·3	-3·9	-4·0	-3·4	-5·5	-3·3	4·2	8·5	-5·5
DAT		14	22	24	18	26	11	23	21	2	5	4	9	
GROND/SOIL	08 30	21·8	21·7	20·5	18·8	12·4	11·3	10·3	12·0	15·0	18·7	19·4	21·4	16·9
NR/LS/LS/LS	08 60	22·2	22·2	21·2	19·5	13·5	12·4	11·3	12·6	15·4	19·0	19·8	22·0	17·6
	08 120	21·0	21·0	20·9	20·0	16·4	14·5	13·3	13·6	15·0	17·8	18·8	20·5	17·7
	14 30	21·9	21·7	20·7	18·5	12·1	10·9	10·0	11·6	14·8	18·6	19·5	22·0	16·9
	14 60	21·9	21·9	21·0	19·3	13·3	12·2	11·1	12·4	15·1	18·7	19·6	21·8	17·4
	14 120	20·9	21·0	20·9	20·0	16·5	14·5	13·3	13·6	15·0	17·8	18·8	20·5	17·7
	20 30	23·1	22·9	21·2	19·3	12·8	11·6	10·7	12·5	15·9	19·6	20·7	23·4	17·[illegible]
	20 60	22·2	22·0	21·0	19·3	13·2	12·1	11·1	12·4	15·2	18·9	19·7	22·0	17·4
	20 120	21·0	21·0	20·8	20·0	16·4	14·5	13·3	13·6	15·1	17·8	18·9	20·5	17·7

GEMIDDELDE GRASMINIMUM- EN GROND- TEMPERATURE °C

MEAN GRASS MINIMUM AND SOIL TEMPERATURES °C

	SAST	CM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	J/Y
482/689 BREMERSDORP MANZINI							ø 26°29' S λ 31°25' E		H 599M						1959
GRAS/GRASS			13.4	15.4	14.9	11.9	5.4	2.9	4.1	4.1	4.4	11.6	13.7	12.7	9.5
ABS MIN			6.4	11.5	9.4	7.8	0.0	-0.9	0.8	0.7	-6.1	2.5	9.0	9.0	-6.1
DAT			15	13	24	24	26	12	23	12	3	6	4	23	
GROND/SOIL	08	10	25.0	25.2	24.1	-	-	14.7	14.1	16.2	18.2	21.5	22.9	24.1	-
XX/XX/XX/XX	08	20	26.3	26.7	25.8	24.8	18.9	16.3	15.7	17.7	19.5	22.2	23.5	-	-
	08	30	26.9	27.5	26.5	25.6	20.8	18.1	17.2	18.7	20.5	22.9	24.4	25.7	22.9
	14	10	30.2	30.5	29.0	-	-	17.8	17.2	20.0	22.4	26.1	27.3	28.5	-
	14	20	27.5	27.5	26.3	25.4	19.6	17.0	16.1	18.3	20.8	23.6	25.0	-	-
	14	30	27.0	27.3	26.4	25.7	20.8	18.1	17.1	18.7	20.6	22.9	24.3	25.6	22.9
508/232 MAFEKING WK							ø 25°52' S λ 25°38' E		H 1277M						1959
GRAS/SOIL			14.9	15.2	11.3	10.9	5.1	2.2	2.3	-0.6	6.3	11.9	14.4	15.0	9.1
ABS MIN			8.8	12.0	2.0	1.5	-2.9	-3.0	-3.0	-5.4	-4.5	-2.0	7.4	10.0	-5.4
DAT			14	24	22	30	27	15	18	1	3	6	1	7	
GROND/SOIL	08	10	-	-	-	-	11.5	11.1	10.4	11.9	17.2	21.3	23.4	23.0	-
	08	20	-	-	-	-	13.7	13.4	12.7	14.6	19.9	23.6	25.3	25.1	-
VV/LS/HS/HH	08	30	28.0	27.9	27.8	24.9	16.0	15.5	14.8	16.6	21.3	25.1	27.0	27.0	22.7
	08	60	29.1	29.2	28.9	26.9	19.2	17.8	16.7	18.2	21.9	25.5	27.9	28.3	24.1
	08	120	27.2	27.3	27.5	26.8	22.3	19.8	18.5	18.5	20.5	23.3	25.3	26.1	23.6
	14	10	-	-	-	-	20.3	19.6	19.2	22.4	28.1	32.8	36.3	34.9	-
	14	20	-	-	-	-	17.2	16.1	15.5	17.6	22.7	26.8	30.1	29.6	-
	14	30	28.7	28.4	28.1	25.0	16.1	15.6	14.9	16.8	21.6	25.7	27.9	27.6	23.0
	14	60	28.9	28.9	28.7	26.5	18.9	17.5	16.5	18.0	21.7	25.2	27.5	27.9	23.9
	14	120	27.2	27.3	27.5	26.7	22.2	19.8	18.5	18.6	20.5	23.3	25.3	26.2	23.6
	20	10	-	-	-	-	17.6	17.5	17.3	20.7	26.7	30.4	31.5	30.3	-
	20	20	-	-	-	-	18.3	17.7	17.5	20.3	25.7	28.9	31.8	29.4	-
	20	30	30.7	31.1	30.1	26.8	18.2	17.2	16.7	18.8	23.7	27.5	30.2	28.6	25.0
	20	60	29.0	28.9	28.6	26.4	18.9	17.5	16.5	17.9	21.7	25.3	27.5	27.8	23.8
	20	120	27.2	27.2	27.4	26.7	22.1	19.8	18.5	18.5	20.4	23.2	25.3	26.1	23.5
509/123 ZEERUST TNK							ø 25°33' S λ 26°05' E		H 1207M						1959
GRAS/GRASS			14.0	15.0	13.5	9.7	3.2	0.7	1.1	0.4	5.9	11.8	14.3	15.3	8.7
ABS MIN			4.8	11.4	-	2.4	-2.0	-3.5	-2.5	-3.5	-3.4	-0.2	8.4	10.2	-3.5
DAT			15	24	-	9	27	15	25	6	3	6	5	19	
GROND/SOIL	08	10	24.8	24.3	23.1	19.4	10.7	9.2	9.2	9.9	15.3	21.5	24.5	23.6	18.0
XX/XX/XX/XX	08	20	27.2	27.0	26.2	22.9	14.3	12.8	12.4	13.1	17.5	23.5	26.6	25.7	20.8
	08	30	29.0	28.7	28.0	24.9	16.8	15.0	14.6	15.1	18.7	24.6	27.9	27.3	22.5
	14	10	38.3	37.1	35.0	31.6	22.4	20.7	20.4	23.1	28.8	34.3	36.8	33.4	30.2
	14	20	31.8	31.6	29.6	26.0	17.1	15.0	15.0	16.3	21.2	27.8	30.6	28.9	24.2
	14	30	29.5	29.2	28.3	25.2	16.9	15.0	14.7	15.2	19.1	25.3	28.6	27.7	22.9
	20	10	33.7	32.8	31.3	26.6	17.6	16.4	16.4	18.5	24.2	29.7	31.9	30.9	25.8
	20	20	34.1	33.3	32.1	28.0	19.0	17.3	17.1	18.5	23.2	29.6	32.3	31.0	26.3
	20	30	31.6	31.1	30.2	26.7	18.2	16.2	15.7	16.4	20.5	26.9	30.4	29.5	24.5
511/523 RUSTENBURG AGR							ø 25°43' S λ 27°18' E		H 1157M						1959
GRAS/GRASS			12.7	13.1	11.4	7.9	2.0	-0.6	-0.3	-1.3	3.0	9.0	11.6	13.9	6.9
ABS MIN			3.2	9.1	4.5	3.4	-4.2	-4.4	-5.8	-5.5	-6.6	-3.7	5.6	10.0	-6.6
DAT			15	22	19	10	26	15	30	4	3	6	9	29	
GROND/SOIL	08	10	23.4	23.8	23.3	20.5	11.9	11.5	10.5	11.9	16.6	21.5	22.8	23.6	18.4
RO/SC/SC/SC	08	20	25.8	26.2	26.0	23.6	15.7	14.8	13.7	15.3	19.5	23.7	24.9	25.5	21.2
	08	30	26.8	27.0	26.9	24.4	17.0	15.7	14.8	16.2	20.3	24.3	25.7	26.6	22.1
	08	60	26.7	26.8	26.9	25.4	19.7	17.4	16.2	16.9	19.7	23.5	25.0	26.1	22.5
	08	120	25.3	25.6	25.9	25.3	21.8	19.1	17.6	17.3	18.7	21.5	23.4	24.6	22.2
	14	10	31.9	32.9	31.3	27.9	19.7	18.3	17.4	20.0	26.0	30.8	32.7	32.1	26.7
	14	20	27.8	28.3	27.6	24.9	17.0	15.6	14.6	16.3	20.9	25.3	27.3	27.8	22.8
	14	30	27.5	27.7	27.3	25.1	17.5	16.2	15.5	17.2	21.2	25.3	26.4	26.9	22.8
	14	60	26.7	26.8	26.9	25.4	19.7	17.4	16.2	16.9	19.7	23.5	25.0	26.1	22.5
	14	120	25.3	25.7	25.9	25.3	21.8	19.1	17.7	17.3	18.8	21.6	23.5	24.6	22.2
	20	10	-	-	-	-	-	-	-	-	-	-	-	-	-
	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-
	20	30	-	-	-	-	-	-	-	-	-	-	-	-	-
	20	60	-	-	-	-	-	-	-	-	-	-	-	-	-
	20	120	-	-	-	-	-	-	-	-	-	-	-	-	-

GEMIDDELDE GRASMINIMUM- EN GROND- TEMPERATURE °C

MEAN GRASS MINIMUM AND SOIL TEMPERATURES °C

	DIEPTE CM	JAN	FEB	MAR	APR	MEI	JUN	JUL	AUG	SEP	OKT	NOV	DES	J/Y
511/855A BUFFELSPOORT AGR						ø 25°45' S λ 27°29' E		H 1230M						1959
GRAS/GRASS		15.2	15.6	-	11.0	4.9	3.5	3.3	2.4	6.9	-	14.1	-	-
ABS MIN		7.5	11.9	-	5.5	0.0	0.4	0.3	-1.0	-0.7	-	9.0	-	-
DAT		15	22	-	9	26	15	24	4	3	-	4	-	
512/545 HARTEBEESPOORT AGR						ø 25°35' S λ 27°49' E		H 1158M						1959
GRAS/GRASS		13.1	13.5	10.8	8.2	1.0	-1.9	-1.8	-2.9	2.3	8.9	12.0	14.5	6.5
ABS MIN		4.0	8.5	5.5	2.8	-5.0	-6.0	-6.0	-7.5	-8.0	-2.5	5.0	11.2	-8.0
DAT		14	22	25	10	24	15	30	7	3	6	5	20	
GROND/SOIL	08 30	26.4	27.4	26.0	23.3	16.6	14.4	13.7	15.0	19.3	24.2	25.0	25.6	21.4
XX/XX/XX/XX	08 60	26.8	27.5	26.7	24.6	18.7	15.9	15.0	15.7	19.3	24.0	25.3	25.9	22.1
	08 120	25.4	25.9	25.7	24.5	20.5	17.3	15.9	15.8	17.9	21.6	23.5	24.3	21.5
513/165 PRETORIA CORUNDUM OBS						ø 25°45' S λ 28°07' E		H 1356M						1959
GRAS/GRASS		13.0	13.7	11.4	8.7	2.3	-0.1	0.3	-	-	-	-	-	-
ABS MIN		5.5	10.4	8.0	5.0	-3.5	-3.1	-3.1	-	-	-	-	-	-
DAT		15	26	19	9	24	14	24	-	-	-	-	-	-
GROND/SOIL	08 10	21.8	22.3	21.2	18.7	12.9	11.7	10.7	11.4	-	19.6	21.0	22.0	-
NL/SR/GS/GK	08 20	22.3	23.1	21.9	19.8	14.5	13.5	12.4	13.1	-	20.7	22.0	22.7	-
	08 30	23.2	23.7	22.7	20.7	15.6	14.0	13.1	13.7	-	21.1	22.7	23.5	-
	08 60	23.3	23.6	22.9	21.3	17.2	15.4	14.4	14.6	-	20.7	22.4	23.3	-
	08 120	22.8	22.6	22.8	22.1	19.9	17.8	16.6	16.0	-	19.2	21.0	22.2	-
513/284 PRETORIA-PUR						ø 25°44' S λ 28°10' E		H 1286M						1959
GRAS/GRASS		10.5	11.1	-	-	-	-3.6	-3.2	-3.8	1.8	7.3	10.3	13.2	-
ABS MIN		1.5	5.9	-	-	-	-7.0	-7.2	-	-6.5	-5.0	5.0	10.7	-
DAT		15	22	-	-	-	14	24	-	4	6	5	11	
513/405A PRETORIA WB						ø 25°45' S λ 28°14' E		H 1369M						1959
GRAS/GRASS		11.9	12.6	10.5	7.4	1.3	-1.5	0.2	-0.7	3.2	8.6	10.0	12.6	6.3
ABS MIN		2.5	8.4	6.4	2.5	-5.5	-6.1	-3.5	-5.1	-5.7	-1.3	3.4	8.6	-6.1
DAT		15	22	14	9	28	17	24	4	2	6	4	8	
513/465 PRETORIA UNIV AGR						ø 25°45' S λ 28°16' E		H 1372M						1959
GRAS/GRASS		-	8.3	9.7	3.7	-3.0	-3.2	-1.3	-	-	6.0	9.2	10.7	-
ABS MIN		-	4.4	5.6	-0.7	-8.7	-7.8	-5.4	-	-	-4.2	2.0	7.9	-
DAT		-	6	14	18	24	10	24	-	-	5	4	20	
513/531 RIETVLEI AGR						ø 25°51' S λ 28°18' E		H 1524M						1959
GRAS/GRASS		11.2	11.4	9.5	7.3	0.6	-0.9	-0.5	-1.6	3.3	8.7	10.3	12.0	5.9
ABS MIN		1.8	6.8	4.9	1.5	-6.7	-4.6	-5.4	-6.2	-5.5	-3.3	5.6	5.5	-6.7
DAT		15	22	23	9	26	11	30	7	2	6	5	18	
513/605 ROODEPLAAT AGR						ø 25°35' S λ 28°21' E		H 1164M						1959
GRAS/GRASS		13.4	13.7	11.7	8.9	2.2	0.6	1.6	0.4	4.5	10.2	11.7	14.4	7.8
ABS MIN		4.4	9.1	5.7	5.2	-3.9	-4.0	-3.0	-3.8	-6.6	-0.9	6.0	10.7	-6.6
DAT		15	22	25	18	26	10	18	7	3	6	4	8	
GROND/SOIL	08 10	24.1	24.5	23.7	20.7	12.9	11.4	11.0	12.2	16.8	22.3	22.3	24.4	18.9
NR/LS/LS/LS	08 20	26.0	26.4	25.8	23.3	15.5	13.8	13.2	14.7	19.2	24.3	24.0	25.9	21.0
	08 30	27.6	28.0	27.3	24.7	17.1	15.3	14.6	16.1	20.4	25.5	25.6	27.0	22.4
	08 60	28.5	28.7	28.4	26.5	20.0	17.6	16.6	17.7	21.2	26.0	26.6	27.9	23.8
	08 120	26.9	27.1	27.3	26.4	22.4	19.5	18.2	18.2	20.3	23.8	25.2	26.2	23.5
	14 10	35.1	35.2	32.4	29.2	20.9	18.9	18.2	21.0	27.2	32.2	33.5	34.0	28.1
	14 20	30.6	30.8	28.8	25.7	17.9	15.9	15.4	17.3	22.3	27.8	29.0	30.2	24.3
	14 30	28.5	28.6	27.7	25.2	17.5	15.5	14.9	16.5	21.2	26.4	26.8	28.2	23.1
	14 60	28.3	28.5	28.2	26.2	19.8	17.5	16.5	17.5	21.1	25.7	26.6	27.8	23.6
	14 120	26.9	27.2	27.3	26.5	22.3	19.5	18.2	18.2	20.3	23.9	25.3	26.2	23.5
	20 10	31.5	31.9	31.1	27.5	19.2	17.5	17.0	19.6	25.0	30.0	29.0	30.0	25.8
	20 20	32.0	32.0	30.9	27.6	19.7	17.7	17.2	19.5	24.7	29.6	30.0	31.0	26.0
	20 30	30.7	30.4	29.8	27.1	19.3	17.4	16.5	18.8	23.5	28.5	29.0	30.2	25.1
	20 60	28.2	28.3	28.0	26.1	19.6	17.3	16.3	17.4	21.1	25.6	26.5	27.8	23.5
	20 120	26.8	27.1	27.2	26.3	22.2	19.5	18.2	18.1	20.3	23.8	25.2	26.2	23.4
519/ 17 BARBERTON AGR						ø 25°47' S λ 31°01' E		H 772M						1959
GROND/SOIL	08 30	26.3	26.7	25.6	24.2	19.3	16.5	16.4	17.7	19.9	23.1	24.3	24.9	22.1
XX/XX/XX/XX	08 60	26.4	26.9	26.2	25.0	20.8	17.8	17.4	18.4	20.4	23.3	24.8	25.3	22.7

GEMIDDELDE GRASMINIMUM- EN GROND- TEMPERATURE °C

MEAN GRASS MINIMUM AND SOIL TEMPERATURES °C

	SAST	CM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	J/Y
555/837 NELSPRUIT AGR							ø 25°27' S λ 30°58' E H 668M								1959
GRAS/GRASS			16·4	12·7	12·5	11·8	-	-	2·6	2·4	6·9	12·3	14·2	15·0	-
ABS MIN			11·3	9·0	7·9	7·3	-	-	-2·6	-0·9	-2·9	3·6	8·3	9·8	-
DAT			16	27	24	21	-	-	22	15	3	8	5	8	
GROND/SOIL	08	30	26·1	26·5	26·2	25·5	20·1	17·5	17·7	18·9	21·1	23·1	24·8	25·5	22·7
NV/SL/SL/GS	08	60	26·3	26·9	26·6	26·1	21·3	18·6	18·4	19·4	21·4	23·3	25·0	25·8	23·3
	08	120	25·4	25·9	25·8	25·6	23·0	20·3	19·5	19·8	21·0	22·4	23·7	24·6	23·1
584/730 GABERONES							ø 24°40' S λ 25°55' E H 983M								1959
GRAS/GRASS			15·5	15·9	13·6	10·7	3·6	2·9	3·5	3·1	7·7	13·7	16·2	-	-
ABS MIN			4·6	12·6	6·0	4·5	-7·6	-7·2	0·0	0·1	-0·5	2·2	10·8	-	-7·6
DAT			15	15	19	20	27	15	18	6	3	6	5	-	
GROND/SOIL	08	10	-	-	-	22·8	14·9	14·0	12·7	14·1	18·4	22·4	24·0	25·3	-
XX/XX/XX/XX	08	20	27·7	27·8	26·4	24·8	16·6	16·6	14·3	16·4	20·3	24·8	26·9	-	-
	08	30	29·1	29·2	27·6	26·0	18·1	16·8	15·7	17·7	21·5	26·1	28·3	28·9	23·7
	08	60	29·7	30·1	28·7	27·4	20·5	18·4	17·3	18·9	22·3	26·8	29·0	29·6	24·9
	08	120	28·3	29·0	28·3	27·6	22·9	20·3	19·1	19·6	21·7	25·2	27·3	28·2	24·8
	14	10	-	-	-	26·6	19·9	18·3	17·6	20·1	26·1	33·7	35·9	35·7	-
	14	20	29·6	30·3	28·1	26·2	19·0	17·4	16·2	18·4	22·9	28·5	30·6	-	-
	14	30	29·4	29·7	27·9	26·2	18·4	16·7	15·6	17·7	21·9	26·9	29·2	29·4	24·1
	14	60	29·6	29·8	28·5	27·2	20·1	18·2	17·1	18·6	22·1	26·7	28·9	29·4	24·7
	14	120	28·5	29·0	28·4	27·6	22·9	20·4	19·2	19·6	21·8	25·2	27·3	28·2	24·8
	20	10	-	-	-	27·1	-	-	-	20·6	25·7	30·7	32·3	31·6	-
	20	20	30·8	31·7	30·1	28·2	-	-	-	21·0	25·3	30·2	31·6	-	-
	20	30	30·8	31·5	29·8	27·8	-	-	-	20·2	24·3	28·7	30·3	29·9	-
	20	60	29·6	30·0	28·6	27·3	-	-	-	18·9	22·3	26·8	28·9	-	-
	20	120	28·4	28·9	28·3	27·5	-	-	-	19·7	21·8	25·2	27·4	-	-
589/594 TOWOOMBA AGR							ø 24°54' S λ 28°20' E H1139M								1959
GRAS/GRASS			13·3	12·9	10·8	7·2	2·1	-0·1	1·1	-0·4	4·6	9·5	12·5	13·2	7·2
ABS MIN			4·0	8·8	5·6	0·4	-3·5	-4·6	-4·0	-5·2	-4·4	-2·5	6·0	9·3	-5·2
DAT			14	26	19	20	27	10	30	7	2	6	4	11	
GROND/SOIL	08	10	24·9	23·4	23·2	21·6	13·2	12·3	12·3	13·5	18·2	23·2	22·5	24·1	19·4
RD/LS/LL/LK	08	20	26·9	25·3	25·2	24·3	15·6	15·1	15·1	16·8	21·1	25·8	24·4	25·5	21·8
	08	30	28·9	27·4	27·2	25·9	18·5	16·8	16·3	17·8	22·0	26·8	27·3	28·1	23·6
	08	60	28·8	27·8	27·7	26·6	20·4	18·3	17·4	18·4	21·7	26·1	26·9	27·8	24·0
	08	120	26·6	26·5	26·4	25·8	22·6	20·1	18·9	18·9	20·4	23·5	25·0	25·4	23·3
	14	10	33·0	31·6	30·4	29·0	21·3	19·9	19·4	21·6	26·9	31·4	30·9	31·5	27·2
	14	20	29·7	28·1	27·7	25·8	18·2	16·9	16·6	18·5	22·9	27·9	27·9	28·6	24·1
	14	30	29·3	27·7	27·4	26·0	18·6	16·9	16·4	18·0	22·5	27·2	27·8	28·7	23·9
	14	60	28·6	27·7	27·5	26·5	20·3	18·2	17·3	18·3	21·7	26·0	26·8	27·6	23·9
	14	120	26·7	26·5	26·5	25·8	22·6	20·2	18·9	18·9	20·4	23·6	25·0	25·4	23·4
590/550A AMSTERDAM CRECY							ø 24°40' S λ 28°49' E H 1036M								1959
GRAS/GRASS			14·7	14·3	12·3	8·8	2·7	0·2	1·0	0·6	4·8	-	-	14·5	-
ABS MIN			8·6	9·4	8·1	4·6	-3·0	-3·6	-3·6	-3·6	-3·0	-	-	11·8	-
DAT			15	22	15	18	28	14	19	20	4	-	-	8	
GROND/SOIL	08	10	23·6	22·9	22·0	19·6	12·1	10·7	10·9	12·1	16·0	21·4	21·4	22·4	17·9
RR/LL/LL/LL	08	20	25·6	24·6	-	23·0	16·8	14·9	14·6	16·2	19·8	24·0	23·5	23·9	-
	08	30	26·9	26·2	25·4	23·4	17·4	15·5	15·3	17·1	20·7	24·9	24·8	25·4	21·9
	08	60	27·5	26·8	26·4	24·7	19·7	17·3	16·6	17·8	20·8	24·9	25·5	25·9	22·8
	08	120	26·1	26·0	25·6	24·7	21·7	19·2	18·2	18·5	20·2	23·1	24·4	24·8	22·7
	14	10	33·1	32·3	30·1	28·0	22·1	20·1	19·5	22·6	28·2	31·5	30·9	31·4	27·5
	14	20	29·5	-	-	23·5	17·8	15·9	15·6	17·4	21·2	25·7	26·5	27·6	-
	14	30	27·7	27·0	26·1	23·6	17·5	15·5	15·4	17·0	20·8	25·7	25·6	26·2	22·3
	14	60	27·5	26·9	26·2	24·6	19·6	17·2	16·6	17·8	20·8	24·8	25·4	25·8	22·8
	14	120	26·1	26·0	25·6	24·7	21·7	19·2	18·2	18·5	20·3	23·1	24·4	24·8	22·7
	20	10	30·2	29·5	28·3	25·4	19·2	18·2	17·8	21·2	26·0	28·5	27·1	28·1	25·0
	20	20	30·3	-	-	26·0	19·4	17·6	17·0	19·2	23·2	26·7	27·1	28·2	-
	20	30	29·1	28·4	27·2	25·0	19·0	16·5	15·1	18·2	22·3	25·9	26·3	26·9	23·5
	20	60	27·4	26·9	26·3	24·6	19·6	17·2	16·6	17·8	20·8	24·9	25·4	25·9	22·8
	20	120	26·1	26·0	25·6	24·7	21·7	19·2	18·2	18·5	20·3	23·2	24·4	24·8	22·7

GEMIDDELDE GRASMINIMUM- EN GROND- TEMPERATURE °C
MEAN GRASS MINIMUM AND SOIL TEMPERATURES °C

	DIEPTE CM		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	J/Y
595/ 32 FLEUR DE LYS							ø 24°32'S λ 31°02'E H 622M								1959
GRAS/GRASS			18.0	17.6	16.3	14.8	8.0	6.9	7.7	7.2	10.8	15.1	16.3	17.7	13.0
ABS MIN			12.7	12.4	11.4	11.0	2.3	2.0	2.0	4.1	1.7	6.5	9.1	14.4	2.0
DAT			14	26	14	20	24	12	22	4	2	8	5	7	
GROND/SOIL	08	10	25.2	24.4	23.9	23.1	18.0	15.9	15.1	16.5	19.0	22.9	24.0	23.9	21.0
VV/LS/LS/LS	08	20	26.0	25.5	25.4	24.6	20.2	18.1	17.1	18.5	20.5	23.7	24.7	24.7	22.4
	08	30	27.0	26.4	26.5	25.7	21.6	19.5	18.5	19.9	21.8	24.8	25.7	25.6	23.6
	08	60	27.7	27.5	27.7	26.7	23.8	21.4	20.2	21.2	22.9	25.5	26.5	26.9	24.8
	08	120	26.8	26.9	27.0	26.3	24.4	22.3	21.0	21.2	22.3	24.3	25.3	26.0	24.5
	14	10	32.3	32.5	32.6	31.4	26.9	24.4	23.5	25.8	28.1	31.3	31.7	31.5	29.3
	14	20	29.4	29.1	29.1	28.0	23.6	21.0	20.2	21.8	24.1	27.7	28.2	28.1	25.9
	14	30	27.8	27.4	27.4	26.4	22.3	19.9	18.9	20.4	22.5	25.9	26.5	26.7	24.3
	14	60	27.5	27.3	27.4	26.5	23.5	21.1	20.0	20.9	22.7	25.3	26.3	26.6	24.6
	14	120	26.8	26.9	27.0	26.3	24.4	22.3	21.0	21.2	22.4	24.4	25.4	26.1	24.5
	20	10	28.9	29.0	28.5	27.6	23.0	20.9	19.9	22.3	24.4	27.5	28.1	27.5	25.6
	20	20	29.9	30.0	29.7	28.7	24.5	22.1	21.2	23.3	25.4	28.4	29.1	28.5	26.7
	20	30	29.3	29.3	29.2	28.2	24.1	21.7	20.7	22.4	24.6	27.6	28.2	28.1	26.1
	20	60	27.5	27.2	27.4	26.5	23.4	21.0	20.0	20.8	22.6	25.3	26.3	26.7	24.6
	20	120	26.8	26.8	26.9	26.3	24.3	22.2	21.0	21.1	22.3	24.3	25.3	26.0	24.4
619/661 TSANE							ø 24°01'S λ 21°53'E H 1118M								1959
GRAS/GRASS			14.5	14.4	14.6	11.4	2.9	1.0	0.2	0.2	4.7	10.7	-	-	-
ABS MIN			-	7.9	4.0	-3.2	-5.5	-4.0	-7.6	-3.9	-4.2	-2.0	-	-	-
DAT			-	23	20	30	26	25	15	21	4	5	-	-	
GROND/SOIL	08	10	-	-	-	-	-	12.9	12.7	13.3	17.6	22.6	27.0	27.5	-
XX/XX/XX/XX	08	20	-	-	-	-	-	15.2	15.0	-	20.1	24.8	28.3	28.5	-
	08	30	29.3	29.4	27.9	26.2	18.9	16.3	15.9	16.8	20.9	25.6	29.1	30.0	23.9
	08	60	30.4	30.4	29.0	27.2	21.7	18.6	17.8	18.4	21.4	25.8	29.3	30.8	25.1
	08	120	29.2	29.3	28.9	27.5	23.8	21.0	19.5	19.3	20.8	23.9	26.9	29.0	24.9
	14	10	-	-	-	-	-	19.2	18.3	20.0	25.5	31.5	33.4	35.5	-
	14	20	-	-	-	-	-	16.8	15.8	-	21.5	27.4	30.9	32.8	-
	14	30	30.1	30.1	28.3	26.5	19.3	16.6	15.9	17.0	21.0	25.9	29.7	31.0	24.3
	14	60	30.2	30.1	28.9	27.2	21.3	18.4	17.5	18.1	21.3	25.3	29.0	30.4	24.8
	14	120	29.2	29.4	28.9	27.6	23.8	20.9	19.5	19.3	20.8	23.9	27.1	29.0	24.9
	20	10	-	-	-	-	-	18.8	18.1	19.5	25.3	30.5	33.4	34.6	-
	20	20	-	-	-	-	-	17.9	17.3	-	24.4	29.9	32.4	33.9	-
	20	30	32.6	32.5	29.9	27.1	20.5	17.4	16.7	18.4	22.6	27.4	30.2	32.5	25.7
	20	60	30.2	30.4	28.9	27.1	21.3	18.6	17.4	18.1	21.2	25.4	29.1	30.6	24.9
	20	120	29.1	29.4	28.9	27.6	23.7	20.9	19.6	19.2	20.7	23.9	27.0	28.9	24.9
631/791 GROENDRAAI							ø 24°11'S λ 27°57'E H 1030M								1959
GRAS/GRASS			15.4	15.4	12.2	8.5	1.6	-1.5	1.2	0.2	4.7	11.0	-13.4	15.4	8.1
ABS MIN			6.1	11.2	7.4	2.6	-4.3	-5.7	-	-4.8	-	1.6	5.6	11.9	-
DAT			14	26	25	20	26	13	-	7	-	6	4	31	
GROND/SOIL	08	30	25.7	25.1	23.8	21.7	15.6	13.8	13.7	14.6	19.2	23.0	24.3	25.7	20.5
NR/SS/SS/SL	08	60	26.8	26.8	25.6	23.9	18.7	16.5	16.1	17.0	20.8	24.5	26.0	26.9	22.5
	08	120	-	-	25.3	24.1	20.7	18.3	17.6	17.7	20.1	23.0	24.7	25.6	-
	14	30	27.6	27.0	25.4	23.2	16.9	14.6	14.7	16.1	21.0	25.3	26.7	27.5	22.2
	14	60	26.5	26.3	25.2	23.5	18.3	16.1	15.8	16.6	20.4	24.1	25.6	26.5	22.1
	14	120	-	-	25.3	24.1	20.7	18.3	17.6	17.8	20.1	23.0	24.7	25.6	-
	20	30	29.6	29.3	27.4	25.1	18.9	17.1	17.1	18.9	23.8	27.3	28.9	29.3	24.4
	20	60	26.8	26.7	25.5	23.6	18.4	16.2	15.9	16.7	20.6	24.3	25.9	26.8	22.3
	20	120	-	-	25.2	24.1	20.6	18.2	17.5	17.7	20.0	23.0	24.6	25.6	-
634/ 11 POTGIETERSRUS							ø 24°11'S λ 29°01'E H 1116M								1959
GRAS/GRASS			14.9	14.5	-	9.8	3.5	-0.2	1.4	-	-	-	-	-	-
ABS MIN			8.8	10.3	-	3.2	-2.0	-4.5	-4.4	-	-	-	-	-	-
DAT			14	22	-	20	28	15	23	-	-	-	-	-	
GROND/SOIL	08	10	24.2	22.9	22.6	19.8	12.9	11.2	11.4	13.1	17.4	22.1	22.6	23.3	18.6
NR/SS/SK/SB	08	20	25.3	24.4	24.6	21.7	14.9	13.5	13.6	15.3	19.6	23.7	23.8	24.0	20.4
	08	30	26.9	26.1	26.1	23.8	17.3	15.7	15.4	17.3	21.5	25.2	25.4	25.3	22.2
	08	60	27.7	-	-	25.7	20.4	17.8	17.0	18.4	22.0	25.6	26.4	26.2	-
	08	120	26.8	26.7	26.7	25.9	22.4	19.6	18.3	18.6	20.9	24.1	25.4	25.6	23.4
	14	10	33.6	33.0	35.4	31.6	24.6	22.7	22.2	25.6	31.4	34.8	33.9	32.9	30.0
	14	20	30.1	29.4	29.0	26.9	20.1	17.9	17.5	20.0	25.0	29.1	29.3	28.9	25.3
	14	30	27.6	26.8	26.9	24.6	18.1	16.1	15.8	17.8	22.3	26.2	26.5	26.2	22.9
	14	60	27.4	-	-	25.4	20.1	17.6	16.8	18.3	21.8	25.4	26.3	25.9	-
	14	120	26.7	26.6	26.7	25.9	22.3	19.6	18.3	18.6	20.9	24.1	25.4	25.6	23.4
	20	10	29.6	28.9	29.1	25.3	19.0	17.6	17.7	20.2	25.1	28.7	28.1	27.5	24.7
	20	20	30.6	30.2	30.0	26.8	20.2	18.6	18.3	20.8	25.7	29.7	29.5	28.7	25.8
	20	30	29.4	28.8	28.7	26.3	19.7	17.6	17.2	19.6	24.4	28.1	28.4	27.7	24.7
	20	60	27.3	-	-	25.4	20.0	17.5	16.8	18.2	21.8	25.4	26.3	25.9	-
	20	120	26.7	26.6	26.6	25.9	22.2	19.6	18.2	18.6	20.9	24.1	25.3	25.5	23.3

GEMIDDELDE GRASMINIMUM- EN GROND- TEMPERATURE °C

MEAN GRASS MINIMUM AND SOIL TEMPERATURES °C

	SAST	CM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	J/Y
681/209 PHALABORWA							ø 23°59'S λ 31°07'E		H 398M						1959
GRAS/GRASS			19·2	18·5	16·7	15·2	7·9	5·9	7·5	6·4	9·8	14·9	16·7	17·2	13·0
ABS MIN			14·0	12·6	11·6	7·9	2·4	0·4	0·8	2·7	1·1	5·0	9·5	10·5	0·4
DAT			16	22	23	20	24	14	23	2	3	8	5	30	
GROND/SOIL	08	30	29·8	29·6	28·1	28·1	24·2	22·1	20·5	22·1	24·2	27·5	28·1	28·9	26·1
ND/SL/SS/SR	08	60	30·5	30·9	29·6	29·4	26·5	24·2	22·7	23·5	25·4	28·0	28·5	29·8	27·4
	08	120	29·2	30·1	29·1	28·8	27·1	25·2	23·7	23·7	24·8	26·6	27·5	28·5	27·0
	14	30	30·6	30·6	29·1	28·9	24·9	22·4	21·0	22·6	25·0	28·3	28·7	30·0	26·8
	14	60	30·2	30·6	29·4	29·2	26·4	24·2	22·6	23·4	25·3	27·9	28·6	29·5	27·3
	14	120	29·2	30·1	29·1	28·8	27·1	25·2	23·8	23·7	24·9	26·7	27·5	28·5	27·1
	20	30	32·9	32·9	31·2	30·8	26·8	24·0	22·8	24·4	27·0	29·7	30·6	32·0	28·8
	20	60	30·3	30·6	29·4	29·2	26·3	24·1	22·6	23·3	25·3	27·9	28·6	29·6	27·3
	20	120	29·2	30·0	29·1	28·8	27·1	25·2	23·7	23·7	24·8	26·7	27·5	28·4	27·0
719/370 MARNITZ							ø 23°10'S λ 28°13'E		H 932M						1959
GRAS/GRASS			16·5	15·6	14·2	12·2	6·2	5·0	5·7	–	8·8	13·8	16·6	17·3	–
ABS MIN			10·4	11·2	11·0	6·3	-1·0	-1·5	0·5	–	–	2·0	9·0	12·0	–
DAT			15	22	21	20	17	13	18	–	–	5	5	7	
GROND/SOIL	08	30	28·5	27·5	27·2	26·0	20·2	18·4	18·1	19·4	23·8	28·1	29·6	28·7	24·6
NR/SL/SR/SB	08	60	29·4	28·7	28·5	27·5	23·0	20·5	19·9	21·0	24·5	28·1	29·8	30·2	25·9
	14	30	29·3	28·6	28·2	26·6	21·2	18·7	18·4	19·7	24·5	28·4	30·6	30·1	25·4
	14	60	29·2	28·7	28·3	27·4	22·8	20·3	19·7	20·7	24·4	27·9	29·7	30·1	25·8
	20	30	31·8	31·1	30·3	28·4	22·2	20·1	19·8	21·4	26·5	30·3	32·6	32·0	27·2
	20	60	29·3	28·9	28·5	27·4	22·6	20·3	19·6	20·8	24·4	28·1	29·8	30·1	25·8
722/ 99 MARA AGR							ø 23°09'S λ 29°34'E		H 894M						1959
GRAS/GRASS			16·1	15·2	–	–	–	3·8	4·4	5·1	7·1	13·6	15·4	16·5	–
ABS MIN			12·5	9·9	–	–	–	-1·5	-1·2	1·1	1·4	4·8	7·6	12·2	–
DAT			15	23	–	–	–	13	4	22	2	8	5	7	
GROND/SOIL	08	10	24·5	25·1	23·1	21·7	16·0	15·0	15·0	15·3	18·6	23·0	24·3	23·6	20·4
NR/SL/SL/SL	08	20	26·2	27·4	25·8	25·0	20·5	18·7	18·4	19·3	22·2	26·0	26·9	25·7	23·5
	08	30	27·0	27·7	26·0	25·2	21·1	18·9	18·6	19·5	22·5	26·3	27·5	26·2	23·9
	08	60	27·4	28·6	27·5	26·5	23·5	21·2	20·2	20·7	23·1	26·2	27·5	27·4	25·0
	08	120	26·1	27·4	27·0	26·4	24·7	22·9	21·6	21·4	22·5	24·7	25·9	25·5	24·8
	14	10	32·9	33·9	30·9	29·7	25·8	22·5	22·1	24·1	29·1	32·5	33·1	30·6	28·9
	14	20	28·1	29·1	27·1	26·0	21·8	19·4	19·1	20·0	25·4	27·1	28·5	27·3	24·7
	14	30	27·3	28·1	26·3	25·5	21·3	19·0	18·7	19·7	22·9	26·9	27·9	26·7	24·2
	14	60	27·3	28·8	27·4	26·4	23·4	21·0	20·2	20·7	23·0	26·1	27·5	27·3	24·9
	14	120	26·2	27·4	27·0	26·4	24·7	23·0	21·6	21·5	22·6	24·7	26·0	26·5	24·8
	20	10	–	–	28·4	28·5	24·0	21·5	21·2	23·1	27·0	31·1	31·1	28·8	–
	20	20	–	–	28·4	27·7	23·8	21·2	20·6	21·8	25·4	29·1	30·2	28·6	–
	20	30	–	–	27·3	26·8	22·9	20·4	19·8	21·0	24·4	28·1	29·4	27·8	–
	20	60	–	–	27·2	26·3	23·3	21·0	20·1	20·7	22·9	26·1	27·4	27·2	–
	20	120	–	–	26·9	26·4	24·6	22·9	21·5	21·4	22·5	24·6	25·9	26·5	–
740/154 WINDHOEK WK							ø 22°34'S λ 17°06'E		H 1728M						1959
GRAS/GRASS			14·2	14·1	14·1	11·7	4·4	5·6	3·7	5·2	9·4	12·1	14·5	14·5	10·3
ABS MIN			8·3	7·0	9·9	0·7	-1·0	1·2	-2·0	1·5	1·1	3·4	8·8	9·3	-2·0
DAT			8	15	19	30	22	8	13	17	13	4	1	6	
GROND/SOIL	08	10							13·3	14·9	19·0	23·0	24·6	26·0	–
VL/MS/MS/MS	08	20							16·5	18·1	22·2	26·2	28·2	29·2	–
	08	30							17·2	18·4	22·2	26·0	28·2	29·5	–
	08	60							18·5	19·1	21·9	25·4	27·6	29·0	–
	08	120							20·1	19·8	21·0	23·5	25·5	26·9	–
	14	10							18·2	20·0	25·7	30·8	33·2	35·0	–
	14	20							16·1	17·7	21·9	26·1	28·2	29·6	–
	14	30							17·2	18·5	22·3	26·2	28·3	29·6	–
	14	60							18·5	19·1	21·9	25·4	27·5	28·9	–
	14	120							20·1	19·8	21·1	23·4	25·5	26·9	–
	20	10							20·3	22·6	28·1	32·2	33·9	36·1	–
	20	20							18·3	20·0	24·6	28·7	31·0	32·8	–
	20	30							17·8	19·2	23·2	27·1	29·3	30·7	–
	20	60							18·5	19·1	21·9	25·4	27·5	28·9	–
	20	120							20·1	19·8	21·1	22·5	25·5	26·9	–
784/630 NEUDAM AGR							ø 22°30'S λ 17°21'E		H 1741M						1959
GRAS/GRASS			13·2	13·9	12·4	8·5	0·5	-0·2	-2·0	1·1	4·3	9·5	–	–	–
ABS MIN			6·5	7·4	6·1	-4·5	-5·8	-5·0	-7·8	-4·8	-4·5	–	–	–	-7·8
DAT			14	18	19	30	14	29	19	5	2	–	–	–	

GEMIDDELDE GRASMINIMUM- EN GROND- TEMPERATURE °C

MEAN GRASS MINIMUM AND SOIL TEMPERATURES °C

SAST CM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	J/Y
838/252 GHANZI					ø 21°42'S λ 21°39'E H 1131M								1959
GRAS/GRASS	9.7	15.1	15.0	12.5	5.2	2.6	2.0	1.7	5.5	13.5	16.2	18.0	9.7
ABS MIN	3.5	9.0	6.5	3.2	-3.5	-4.5	-6.5	-4.0	-6.5	1.5	7.5	13.4	6.5
DAT	13	23	20	30	17	10	18	16	3	6	1	1	
GROND/SOIL XX/XX/XX/XX 08 10	-	-	-	-	15.0	13.7	12.8	13.6	17.7	23.4	26.3	25.9	-
08 20	-	-	-	-	18.1	16.4	15.7	16.3	20.3	25.7	28.7	28.2	-
08 30	27.8	28.9	26.6	25.4	19.9	17.7	17.0	17.8	21.8	26.9	29.8	29.6	24.1
08 60	28.2	29.1	27.0	26.6	22.1	20.2	18.8	19.1	22.0	26.2	29.3	30.1	24.9
08 120	27.7	28.5	28.2	27.5	24.5	22.2	20.3	20.0	21.4	24.5	27.5	28.7	25.1
14 10	-	-	-	-	24.8	20.9	20.4	22.3	27.8	33.8	37.5	36.7	-
14 20	-	-	-	-	20.5	17.6	16.8	17.9	22.3	27.9	31.0	31.6	-
14 30	28.6	29.8	27.3	26.2	20.4	18.1	17.3	18.0	22.2	27.6	30.6	30.6	24.7
14 60	28.2	29.4	27.4	26.8	22.2	20.2	18.8	19.2	22.0	26.3	29.5	30.1	25.0
14 120	27.7	28.5	28.2	27.5	24.5	22.1	20.4	20.0	21.5	24.6	27.6	28.7	25.1
20 10	-	-	-	-	22.6	20.1	19.7	21.5	26.5	31.6	34.7	33.6	-
20 20	-	-	-	-	23.0	20.1	19.3	20.7	25.4	30.3	33.1	33.9	-
20 30	30.2	31.6	28.4	27.1	22.6	19.6	18.6	19.8	24.0	28.9	31.8	32.4	26.3
20 60	28.8	30.3	27.8	26.8	22.5	20.1	19.0	19.1	21.9	26.2	29.3	30.0	25.1
20 120	27.7	28.5	28.1	27.3	24.4	22.0	20.4	20.0	21.4	24.5	27.6	28.7	25.1
893/883 FRANCISTOWN					ø 21°13'S λ 27°30'E H 1007M								1959
GRAS/GRASS	18.3	16.1	15.2	12.6	7.6	4.3	5.5	5.2	8.4	15.1	17.1	18.9	12.0
ABS MIN	13.5	10.0	9.6	7.6	1.6	-0.6	-1.5	0.7	-0.2	8.0	10.0	16.5	-1.5
DAT	15	24	21	19	5	14	19	17	2	2	5	6	
GROND/SOIL XX/XX/XX/XX 08 10	-	-	-	-	17.9	-	15.9	15.8	19.2	24.6	26.1	26.4	-
08 20	-	-	-	25.2	21.8	-	19.0	19.4	22.6	27.4	29.1	29.1	-
08 30	27.7	28.7	28.0	26.9	23.1	-	19.9	20.3	23.1	27.7	29.7	29.9	-
08 60	28.1	29.5	29.1	28.0	24.9	-	21.2	21.5	23.8	27.7	30.0	30.4	-
08 120	27.5	28.8	28.7	28.1	26.3	-	22.7	22.6	23.5	26.0	28.3	29.3	-
14 10	-	-	-	-	27.3	23.2	22.8	24.6	28.7	34.0	36.6	34.4	-
14 20	-	-	-	24.8	22.9	19.5	19.4	20.1	23.4	28.4	30.6	30.5	-
14 30	27.9	28.9	28.2	27.2	23.5	20.5	20.1	20.8	23.7	28.3	30.3	30.3	25.8
14 60	28.1	29.5	29.0	28.0	24.8	22.0	21.2	21.5	23.9	27.7	30.0	30.4	26.3
14 120	27.5	28.8	28.8	28.2	26.4	24.1	22.8	22.6	23.6	26.0	28.3	29.3	26.4
20 10	-	-	-	-	25.1	21.5	22.0	23.7	27.7	32.7	33.8	32.4	-
20 20	-	-	-	26.0	24.7	20.6	21.0	22.2	25.7	30.4	32.5	31.7	-
20 30	29.1	29.7	28.9	28.0	24.3	21.0	20.7	21.4	24.5	29.0	31.0	30.7	26.5
20 60	28.1	29.4	29.0	28.0	24.7	22.0	21.1	21.4	23.8	27.6	29.9	30.3	26.3
20 120	27.6	28.9	28.7	28.2	26.4	24.2	22.7	22.5	23.5	26.0	28.3	29.3	26.4
1161/622 SHAKAWE					ø 18°22'S λ 21°51'E H 1002M								1959
GRAS/GRASS	-	-	-	-	6.7	4.0	2.8	-	-	10.4	16.6	19.3	-
ABS MIN	-	-	-	-	0.4	0.5	-7.4	-	-	1.0	13.0	17.2	-
DAT	-	-	-	-	17	18	20	-	-	5	25	5	
GROND/SOIL XX/XX/XX/XX 08 10					20.2	17.6	17.2	17.6	20.7	25.8	27.5	25.6	-
08 20					22.3	19.8	19.7	20.5	23.3	28.0	30.0	27.0	-
08 30					24.0	21.1	20.1	20.7	23.4	28.0	30.4	27.6	-
08 60					24.3	22.7	21.8	22.4	24.6	28.4	30.8	29.0	-
08 120					26.7	23.7	22.7	22.8	24.2	27.3	29.9	29.5	-
14 10					27.8	24.5	23.5	25.2	28.3	33.7	36.2	32.9	-
14 20					24.6	21.9	21.2	21.6	24.5	29.5	32.4	30.7	-
14 30					24.3	21.6	21.5	22.1	25.0	29.6	31.6	29.7	-
14 60					24.7	22.4	21.9	22.3	24.4	28.4	30.8	29.3	-
14 120					26.8	23.9	22.9	22.9	24.3	27.3	29.9	29.5	-
20 10					27.8	25.1	24.3	26.6	30.5	35.4	36.8	30.9	-
20 20					26.4	23.5	22.6	24.1	27.2	32.3	35.1	30.8	-
20 30					25.4	22.6	22.6	23.4	26.4	31.3	33.4	30.4	-
20 60					25.4	22.4	22.0	22.3	24.6	28.3	30.7	29.6	-
20 120					26.6	23.8	22.7	22.7	24.1	27.2	29.8	29.5	-
D/653 MARION					ø 46°53'S λ 37°52'E H 23M								1959
GRAS/GRASS	3.6	3.7	4.0	3.1	3.0	1.2	0.1	-0.1	0.4	1.3	1.4	1.9	2.0
ABS MIN	-0.7	-0.3	-1.3	-1.6	-3.2	-2.0	-4.2	-8.2	-4.2	-3.5	-2.7	-	-8.2
DAT	3	5	6	20	10	28	13	3	10	8	6	-	

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		CAPE AGULHAS 3/20 34°50'S H 6M 20°01'E					D F MALAN 21/178 33°58'S H 44M 18°36'E					ELSENBURG 21/591 33°51'S H 181M 18°50'E				
PT NO	DATUMS/DATES 1959	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM
1	1- 1- 5- 1	23·6	16·6	20·1		2·2	24·2	13·8	19·0	56·1	0·3	26·3	13·3	19·8	57·5	0·0
2	6- 1-10- 1	24·5	17·7	21·1		0·4	22·8	13·4	18·1	52·7	6·0	29·0	13·8	21·4	52·0	0·0
3	11- 1-15- 1	21·6	15·3	18·5		16·5	25·4	16·6	21·0	54·0	0·3	23·7	11·5	17·6	51·4	16·9
4	16- 1-20- 1	22·5	16·5	19·5		7·5	23·8	12·5	18·1	57·1	1·8	24·8	13·0	18·9	56·8	4·2
5	21- 1-25- 1	23·6	17·7	20·7		0·0	25·2	16·4	20·8	59·1	0·0	28·8	13·3	21·1	59·6	0·0
6	26- 1-30- 1	23·4	17·3	20·3		0·8	27·2	14·5	20·9	57·5	3·0	29·3	13·9	21·6	58·4	2·0
7	31- 1- 4- 2	-	-	-		0·0	27·0	15·0	21·0	61·4	0·0	30·5	14·0	22·3	59·5	0·0
8	5- 2- 9- 2	-	-	-		0·3	25·1	17·0	21·1	63·4	0·0	28·1	14·6	21·3	61·0	0·0
9	10- 2-14- 2	-	-	-		13·7	27·8	17·7	22·7	43·3	2·8	28·3	17·4	22·9	43·1	7·3
10	15- 2-19- 2	-	-	-		7·0	26·4	16·1	21·3	57·9	0·0	26·9	15·2	21·1	55·2	0·5
11	20- 2-24- 2	-	-	-		0·0	28·4	14·2	21·3	57·0	0·0	31·4	12·2	21·8	57·8	0·0
12	25- 2- 1- 3	-	-	-		12·8	25·2	15·7	20·5	49·7	3·9	27·3	12·6	19·9	48·2	3·0
13	2- 3- 6- 3	22·7	17·7	20·2		5·4	26·0	15·1	20·5	37·2	21·8	26·3	14·6	20·5	40·3	12·4
14	7- 3-11- 3	21·8	15·2	18·5		3·7	22·9	15·5	19·2	39·0	2·0	24·1	13·2	18·7	34·1	5·5
15	12- 3-16- 3	22·8	17·4	20·1		5·4	30·3	15·9	23·1	46·7	1·1	33·2	17·8	25·5	47·4	0·2
16	17- 3-21- 3	21·1	14·1	17·6		9·5	22·3	10·5	16·4	52·0	0·5	23·9	10·7	17·3	51·8	0·0
17	22- 3-26- 3	22·5	16·7	19·6		8·0	23·6	11·8	17·7	52·0	0·0	26·7	11·5	19·1	51·8	0·0
18	27- 3-31- 3	22·2	15·9	19·1		1·1	22·6	13·0	17·8	42·6	2·9	25·0	13·1	19·1	43·7	0·0
19	1- 4- 5- 4	20·8	15·6	18·2		9·1	21·8	13·0	17·4	25·9	14·7	22·4	12·3	17·3	32·2	14·1
20	6- 4-10- 4	20·8	13·3	17·1		20·0	20·0	10·1	15·1	32·7	19·5	20·5	10·9	15·7	28·5	25·6
21	11- 4-15- 4	22·0	15·1	18·5		17·5	21·9	11·4	16·7	37·4	44·5	22·4	12·0	17·2	37·4	23·5
22	16- 4-20- 4	20·4	16·5	18·5		25·5	22·4	14·3	18·3	28·3	2·7	24·7	14·2	19·5	29·3	5·4
23	21- 4-25- 4	19·5	13·2	16·3		8·5	20·8	8·5	14·7	45·4	4·4	20·0	9·7	14·9	43·6	5·5
24	26- 4-30- 4	17·8	12·4	15·1		36·5	18·2	7·9	13·1	26·2	28·4	17·1	9·4	13·3	20·7	28·0
25	1- 5- 5- 5	18·6	12·9	15·7		7·7	18·7	7·2	12·9	34·7	13·9	17·9	8·7	13·3	31·9	16·0
26	6- 5-10- 5	19·3	12·4	15·9		22·6	16·8	12·2	14·5	9·5	74·7	15·7	11·4	13·5	5·5	124·2
27	11- 5-15- 5	16·9	11·4	14·1		28·6	16·4	9·0	12·7	23·4	23·0	15·0	8·5	11·7	20·8	30·6
28	16- 5-20- 5	19·1	13·1	16·1		0·0	19·6	7·1	13·3	29·2	4·0	18·8	8·8	13·8	27·0	11·6
29	21- 5-25- 5	17·7	12·2	14·9		10·4	16·7	10·3	13·5	17·3	20·4	15·8	10·5	13·1	12·2	30·4
30	26- 5-30- 5	17·4	11·6	14·5		15·7	16·2	9·5	12·9	14·2	35·6	15·1	10·4	12·7	14·1	53·9
31	31- 5- 4- 6	15·9	10·2	13·1		8·8	15·6	7·7	11·7	28·1	4·0	14·6	7·4	11·0	25·0	12·1
32	5- 6- 9- 6	16·4	12·4	14·4		8·2	16·1	8·3	12·2	15·1	2·4	14·8	7·9	11·3	19·4	6·2
33	10- 6-14- 6	19·6	11·4	15·5		0·0	19·4	6·2	12·8	36·0	0·0	19·7	7·4	13·5	37·7	0·0
34	15- 6-19- 6	17·6	12·2	14·9		0·0	17·8	6·7	12·3	33·3	0·0	19·0	7·4	13·2	29·7	0·0
35	20- 6-24- 6	18·0	12·5	15·3		3·5	16·9	8·7	12·8	18·5	10·6	16·0	9·0	12·5	18·6	13·3
36	25- 6-29- 6	19·1	9·5	14·3		0·0	20·1	4·2	12·1	44·9	0·0	20·4	7·9	14·1	38·7	0·0
37	30- 6- 4- 7	17·7	12·7	15·2		7·0	18·9	7·9	13·4	43·3	9·6	18·6	9·1	13·9	38·4	5·3
38	5- 7- 9- 7	16·5	10·1	13·3		3·0	18·3	4·4	11·3	38·5	5·5	18·2	7·2	12·7	34·2	3·5
39	10- 7-14- 7	16·0	11·4	13·7		16·1	15·7	6·0	10·9	23·9	3·4	14·5	6·0	10·3	20·7	6·0
40	15- 7-19- 7	16·7	11·0	13·9		0·0	18·5	5·2	11·9	41·3	2·6	17·6	6·2	11·9	40·3	9·3
41	20- 7-24- 7	17·1	10·4	13·7		3·5	17·4	6·2	11·8	31·8	2·1	16·4	7·8	12·1	34·2	0·4
42	25- 7-29- 7	16·9	9·4	13·1		6·0	18·1	3·2	10·7	40·2	0·0	19·0	6·4	12·7	38·5	0·0
43	30- 7- 3- 8	16·4	11·6	14·0		12·7	18·8	4·5	11·7	39·3	0·7	18·5	7·3	12·9	39·5	0·0
44	4- 8- 8- 8	15·4	9·6	12·5		13·0	15·2	6·0	10·6	17·1	11·9	13·8	5·9	9·9	22·2	9·5
45	9- 8-13- 8	20·2	11·9	16·1		0·0	21·3	8·3	14·8	33·5	0·0	20·5	9·1	14·8	31·2	0·2
46	14- 8-18- 8	16·9	10·1	13·5		27·7	16·2	7·7	11·9	25·4	42·0	15·0	7·3	11·1	24·5	42·3
47	19- 8-23- 8	22·4	13·1	17·7		0·0	26·0	6·1	16·1	52·7	0·0	25·3	11·6	18·4	48·4	0·0
48	24- 8-28- 8	18·9	12·1	15·5		1·5	18·7	7·8	13·3	35·5	0·7	17·9	8·2	13·1	31·4	0·0
49	29- 8- 2- 9	16·7	10·8	13·7		35·0	18·7	6·1	12·4	36·6	20·1	17·7	7·6	12·7	36·7	25·5
50	3- 9- 7- 9	18·4	13·4	15·9		14·5	21·6	8·6	15·1	41·3	0·0	21·5	8·2	14·9	40·4	0·3
51	8- 9-12- 9	16·4	9·8	13·1		17·0	16·3	5·5	10·9	31·2	16·8	15·4	7·1	11·3	29·4	22·4
52	13- 9-17- 9	17·8	10·9	14·3		2·0	20·0	4·7	12·3	42·1	0·0	20·7	6·8	13·7	43·5	0·0
53	18- 9-22- 9	17·9	13·0	15·5		10·0	19·4	8·2	13·8	35·6	11·4	19·1	8·8	13·9	39·2	10·5
54	23- 9-27- 9	18·6	12·8	15·7		0·0	22·5	7·8	15·1	46·5	0·0	23·2	8·9	16·1	44·6	0·0
55	28- 9- 2-10	19·3	12·8	16·1		13·5	22·5	9·3	15·9	41·6	5·7	22·3	9·8	16·1	34·7	11·1
56	3-10- 7-10	16·3	10·7	13·5		18·5	18·6	5·9	12·3	46·8	12·0	18·0	6·0	12·0	45·0	13·0
57	8-10-12-10	16·7	12·3	14·5		31·0	21·1	10·3	15·7	45·0	0·0	20·7	9·5	15·1	43·8	11·7
58	13-10-17-10	19·1	13·7	16·4		0·1	21·3	10·9	16·1	34·8	0·4	22·1	11·0	16·5	34·3	1·0
59	18-10-22-10	18·6	13·2	15·9		0·5	22·9	8·6	15·7	46·0	0·0	22·3	9·9	16·1	47·2	0·0
60	23-10-27-10	20·4	14·6	17·5		0·0	23·1	11·1	17·1	53·7	0·0	25·2	10·1	17·7	49·5	0·0
61	28-10- 1-11	18·1	11·3	14·7		28·4	18·2	10·0	14·1	37·5	30·0	17·2	9·5	13·3	34·5	28·1
62	2-11- 6-11	20·3	14·1	17·2		0·0	23·7	11·3	17·5	62·7	0·0	24·8	7·4	16·1	59·4	0·0
63	7-11-11-11	19·9	14·9	17·4		0·0	22·8	10·4	16·6	62·7	0·0	24·6	7·4	16·0	59·4	0·0
64	12-11-16-11	20·9	16·5	18·7		0·5	24·1	13·9	19·0	57·2	0·0	26·3	10·6	18·5	54·1	0·0
65	17-11-21-11	21·5	15·4	18·5		0·8	22·7	12·9	17·8	57·6	3·7	26·0	8·1	17·1	56·8	4·3
66	22-11-26-11	22·6	16·6	19·6		0·0	25·8	13·7	19·7	61·0	0·0	29·8	9·2	19·5	60·4	0·0
67	27-11- 1-12	22·4	16·1	19·3		0·0	24·7	13·0	18·9	58·6	0·0	26·3	12·8	19·5	59·2	0·0
68	2-12- 6-12	21·2	16·5	18·9		0·0	24·5	14·6	19·5	50·2	2·6	25·2	13·6	19·4	52·1	9·4
69	7-12-11-12	22·7	16·7	19·7		0·1	23·0	12·6	17·8	53·0	0·0	24·7	12·4	18·5	55·5	0·0
70	12-12-16-12	23·5	18·1	20·8		4·0	23·5	15·0	18·3	48·2	0·5	25·4	14·4	19·9	45·7	10·7
71	17-12-21-12	23·3	17·4	20·3		0·0	24·7	13·7	19·2	45·6	0·0	25·9	12·9	19·4	51·5	0·0
72	22-12-26-12	23·9	18·1	21·0		9·5	23·9	16·7	20·3	51·5	0·2	26·6	13·8	20·2	47·1	0·7
73	27-12-31-12	24·2	18·1	21·1		0·0	28·1	16·6	22·3	65·3	0·0	31·4	15·8	23·6	59·2	

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		ROBERTSON 23/710 33°50'S H 156M 19°54'E					GEORGE 28/748 33°58'S H 221M 22°25'E					PORT ELIZABETH 35/179 33°59'S H 62M 25°36'E				
PT NO	DATUMS/DATES 1 9 5 9	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM
1	1- 1- 5- 1	28·6	15·3	21·9	42·4	0·0	23·2	13·8	18·5	31·5	16·4	23·7	15·5	19·6	41·8	3·6
2	6- 1-10- 1	30·6	14·9	22·7	34·5	3·6	24·0	13·8	18·9	47·2	14·3	26·8	15·7	21·3	61·5	0·0
3	11- 1-15- 1	24·0	11·2	17·6	38·4	11·0	19·1	11·5	15·3	32·4	63·9	21·1	12·9	17·0	36·2	48·3
4	16- 1-20- 1	29·2	12·7	20·9	52·1	0·1	21·7	12·2	16·9	32·1	17·7	23·2	16·5	19·9	53·7	0·0
5	21- 1-25- 1	31·4	15·0	23·2	46·2	0·2	23·8	14·8	19·3	39·8	10·6	25·0	16·0	20·5	37·3	30·0
6	26- 1-30- 1	30·6	15·3	22·9	49·1	0·0	23·9	13·7	18·8	40·3	5·6	25·9	17·3	21·6	47·1	1·2
7	31- 1- 4- 2	33·1	14·1	23·6	45·6	0·0	24·5	14·4	19·5	40·4	2·5	25·7	17·5	21·6	54·3	0·0
8	5- 2- 9- 2	30·9	16·6	23·7	48·7	0·0	23·2	14·7	18·9	32·1	0·3	23·9	17·0	20·5	41·9	3·4
9	10- 2-14- 2	27·6	17·3	22·5	27·7	28·0	24·5	16·3	20·4	25·9	38·5	25·7	19·0	22·3	43·0	9·2
10	15- 2-19- 2	27·2	16·3	21·7	37·3	2·4	22·6	14·5	18·5	29·3	12·6	23·8	16·3	20·1	44·1	2·1
11	20- 2-24- 2	32·7	13·4	23·1	53·7	0·0	24·6	12·6	18·6	54·4	0·0	25·0	13·8	19·4	52·4	0·0
12	25- 2- 1- 3	29·0	17·9	23·5	22·9	0·0	24·3	16·2	20·3	21·4	9·3	26·2	18·3	22·3	34·7	0·2
13	2- 3- 6- 3	28·1	15·6	21·9	31·4	4·1	22·5	14·3	18·4	26·5	53·6	24·4	18·5	21·5	31·1	51·4
14	7- 3-11- 3	25·9	13·2	19·5	38·9	0·0	21·3	12·8	17·1	36·3	9·4	22·5	16·1	19·3	46·7	5·9
15	12- 3-16- 3	33·5	15·9	24·7	45·1	9·5	27·4	16·8	22·1	41·8	15·4	27·7	17·3	22·5	42·3	0·9
16	17- 3-21- 3	24·3	9·6	16·9	33·5	1·5	19·7	10·6	15·1	36·3	21·6	20·9	12·4	16·7	39·6	44·0
17	22- 3-26- 3	30·6	14·1	22·3	35·3	0·0	22·8	11·0	16·9	36·1	2·1	24·3	15·6	19·9	35·8	0·2
18	27- 3-31- 3	25·3	15·6	20·5	28·7	1·1	22·1	14·9	18·5	21·7	9·4	25·1	16·3	20·7	34·9	2·3
19	1- 4- 5- 4	25·0	14·2	19·6	34·8	6·4	23·0	13·5	18·3	34·1	5·9	23·9	16·7	20·3	40·1	6·5
20	6- 4-10- 4	23·7	10·0	16·9	33·7	12·0	22·2	10·2	16·2	40·7	8·7	21·5	11·2	16·3	48·0	1·6
21	11- 4-15- 4	27·3	10·0	18·7	41·5	6·0	24·1	12·0	18·1	42·1	10·4	22·8	13·5	18·1	46·4	4·0
22	16- 4-20- 4	26·0	15·3	20·7	19·1	3·8	24·0	15·0	19·5	15·1	24·9	25·5	17·3	21·4	24·3	14·1
23	21- 4-25- 4	21·3	7·9	14·6	34·7	1·7	19·0	9·5	14·3	36·1	8·3	19·8	12·7	16·3	28·3	25·1
24	26- 4-30- 4	18·9	9·1	14·0	23·8	27·3	17·5	10·0	13·7	17·5	37·6	19·2	11·2	15·2	17·2	39·3
25	1- 5- 5- 5	19·9	9·1	14·5	30·5	2·8	19·7	8·4	14·1	40·1	1·3	19·6	10·2	14·9	43·7	0·1
26	6- 5-10- 5	19·7	11·2	15·5	31·5	5·9	20·4	9·6	15·0	42·2	0·3	21·4	10·9	16·1	46·2	0·1
27	11- 5-15- 5	16·1	9·8	12·9	12·0	24·4	15·4	9·9	12·7	4·7	42·6	18·7	10·3	14·5	20·5	16·0
28	16- 5-20- 5	20·8	6·1	13·5	36·4	0·6	19·9	8·3	14·1	41·9	0·2	21·0	11·5	16·3	27·3	2·1
29	21- 5-25- 5	18·7	9·8	14·3	25·9	0·8	18·3	8·5	13·4	29·1	8·4	21·1	10·2	15·7	41·3	7·2
30	26- 5-30- 5	18·6	5·8	12·2	29·5	12·0	20·1	8·7	14·4	39·2	0·2	21·6	8·8	15·2	47·7	0·0
31	31- 5- 4- 6	17·6	4·9	11·3	32·6	4·0	16·7	6·2	11·5	34·1	1·2	18·2	7·5	12·9	38·6	19·7
32	5- 6- 9- 6	16·7	7·6	12·1	28·3	0·0	15·9	7·7	11·8	26·0	1·5	17·9	11·1	14·5	34·0	35·6
33	10- 6-14- 6	21·7	3·2	12·5	37·3	0·0	20·2	8·7	14·5	34·6	0·0	22·4	8·4	15·4	44·5	0·0
34	15- 6-19- 6	20·1	7·1	13·6	21·3	0·0	20·9	9·7	15·3	22·5	0·1	21·9	10·2	16·1	39·7	0·0
35	20- 6-24- 6	19·1	7·6	13·3	37·8	1·7	19·7	8·9	14·3	36·9	1·6	22·2	10·0	16·1	44·9	0·0
36	25- 6-29- 6	22·0	1·3	11·7	38·6	0·0	23·0	7·2	15·1	38·0	0·0	22·9	4·7	13·8	46·4	0·0
37	30- 6- 4- 7	21·3	4·9	13·1	33·7	2·7	20·6	9·3	14·9	34·0	0·0	22·0	10·7	16·3	37·6	9·8
38	5- 7- 9- 7	19·4	3·5	11·5	35·7	6·5	20·2	7·3	13·7	35·2	6·8	20·3	8·5	14·4	39·2	20·7
39	10- 7-14- 7	15·7	4·4	10·1	22·4	16·1	17·5	7·2	12·3	26·2	33·4	20·8	7·6	14·2	43·1	0·4
40	15- 7-19- 7	17·4	5·0	11·2	26·6	2·5	17·0	7·4	12·2	27·6	29·0	17·8	10·4	14·1	27·6	68·7
41	20- 7-24- 7	19·0	2·9	10·9	34·8	0·1	19·9	7·1	13·5	37·5	0·0	20·2	8·3	14·3	45·6	0·0
42	25- 7-29- 7	21·3	2·7	12·0	41·1	0·0	21·4	7·3	14·3	44·5	0·0	20·5	7·1	13·8	47·5	0·0
43	30- 7- 3- 8	19·9	4·7	12·3	33·1	5·5	18·6	7·1	12·9	33·8	34·5	20·0	8·1	14·1	38·1	42·9
44	4- 8- 8- 8	16·1	2·9	9·5	33·6	3·5	16·2	5·7	10·9	30·6	7·7	18·0	7·1	12·5	44·3	15·8
45	9- 8-13- 8	23·8	5·4	14·6	41·8	0·0	24·3	10·5	17·4	44·5	1·1	24·5	10·1	17·3	45·1	0·0
46	14- 8-18- 8	16·6	6·9	11·7	32·4	18·0	17·0	8·4	12·7	29·9	1·9	18·0	11·6	14·8	33·0	6·8
47	19- 8-23- 8	26·6	3·6	15·1	46·0	0·0	26·0	10·1	18·1	52·2	0·0	23·6	5·2	14·4	52·8	0·0
48	24- 8-28- 8	22·4	6·7	14·5	44·0	0·0	20·9	7·7	14·3	40·2	0·3	21·8	9·2	15·5	48·1	0·0
49	29- 8- 2- 9	19·7	5·6	12·7	35·4	9·5	18·6	6·1	12·3	37·4	49·7	17·7	9·7	13·7	46·1	8·2
50	3- 9- 7- 9	23·6	9·7	16·7	38·9	0·0	20·6	9·2	14·9	43·0	1·1	21·1	10·5	15·8	44·4	0·0
51	8- 9-12- 9	18·2	5·2	11·7	34·5	5·5	17·1	7·2	12·1	34·9	12·1	18·9	8·9	13·9	38·4	44·8
52	13- 9-17- 9	24·3	4·1	14·2	45·5	0·0	21·8	7·4	14·6	41·0	0·0	19·2	9·0	14·1	49·3	5·5
53	18- 9-22- 9	22·1	8·9	15·5	27·4	3·4	17·7	9·5	13·6	15·3	2·8	20·1	13·4	16·7	36·7	0·7
54	23- 9-27- 9	26·5	7·8	17·1	43·6	0·0	22·1	9·8	15·9	37·2	3·5	20·6	12·2	16·4	41·0	0·6
55	28- 9- 2-10	25·3	9·8	17·5	34·8	0·0	23·3	9·3	16·3	37·5	1·6	20·9	13·4	17·1	41·1	0·0
56	3-10- 7-10	19·2	6·8	13·0	32·5	5·5	16·2	7·1	11·7	37·1	12·6	16·6	8·8	12·7	36·0	71·3
57	8-10-12-10	18·8	10·2	14·5	17·5	16·0	16·0	9·4	12·7	15·3	117·1	19·0	12·3	15·7	39·8	8·7
58	13-10-17-10	25·1	11·5	18·3	30·5	0·0	23·8	10·5	17·1	24·1	7·5	22·1	14·1	18·1	36·6	0·0
59	18-10-22-10	25·1	10·9	18·0	45·6	0·0	18·8	10·7	14·7	26·6	8·5	20·2	14·0	17·1	23·7	11·4
60	23-10-27-10	27·4	11·8	19·6	48·3	0·0	22·0	11·5	16·7	32·7	0·6	23·2	15·0	19·1	53·7	0·3
61	28-10- 1-11	21·3	10·6	15·9	35·6	11·1	18·4	9·6	14·0	28·8	26·3	20·5	12·2	16·3	28·4	17·8
62	2-11- 6-11	26·6	10·4	18·5	46·0	0·0	20·4	9·8	15·1	42·0	8·0	21·3	12·6	16·9	42·8	0·0
63	7-11-11-11	25·1	12·0	18·5	41·5	0·0	19·6	11·1	15·3	27·6	9·1	20·8	13·2	17·0	42·7	3·9
64	12-11-16-11	28·1	16·0	22·1	39·0	0·0	22·3	13·8	18·1	30·4	0·1	23·2	16·3	19·7	43·8	1·7
65	17-11-21-11	27·6	12·8	20·2	45·4	0·0	21·1	11·6	16·3	34·1	5·7	22·3	14·0	18·1	51·2	0·1
66	22-11-26-11	32·1	14·6	23·3	54·8	0·0	23·5	14·2	18·9	46·9	5·3	25·6	15·4	20·5	55·7	2·8
67	27-11- 1-12	26·4	13·6	20·0	32·9	0·0	20·9	13·7	17·3	17·3	20·9	22·6	15·6	19·1	37·2	3·1
68	2-12- 6-12	26·2	12·5	19·3	42·4	1·0	20·5	11·3	15·9	31·1	14·1	21·9	14·4	18·1	46·1	7·3
69	7-12-11-12	29·9	12·3	21·1	56·1	0·0	21·7	12·6	17·1	31·7	0·8	23·3	14·5	18·9	48·0	0·0
70	12-12-16-12	31·6	13·7	22·7	52·9	3·0	24·2	14·4	19·3	31·3	2·3	24·6	17·2	20·9	44·1	0·7
71	17-12-21-12	28·2	14·5	21·3	45·2	1·7	22·1	14·7	18·4	30·0	39·8	24·0	16·6	20·3	39·4	7·2
72	22-12-26-12	29·3	14·8	22·1	45·4	0·0	23·1	14·4	18·7	41·7	7·3	24·9	16·0	20·5	58·2	2·4
73	27-12-31-12	31·5	16·1	25·8	52·2	0·0	22·6	15·1	18·9	34·7	2·6	24·6	16·8	20·7	49·1	2·7

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		LANGGEWENS 41/347 33°17'S H 91M 18°42'E					MATROOSBERG 43/566 33°26'S H 968M 19°49'E					KANGOGROTTE 48/383 33°23'S H 640M 22°13'E				
PT NO	DATUMS/DATES 1 9 5 9	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM
1	1- 1- 5- 1	29·8	14·8	22·3		0·0	26·3	11·1	18·7	54·6	0·0	27·8	13·6	20·7	-	2·0
2	6- 1-10- 1	32·1	16·2	24·1		0·0	28·3	11·6	19·9	61·7	0·0	30·1	13·1	21·6	-	5·0
3	11- 1-15- 1	26·3	12·9	19·6		0·0	19·8	7·6	13·7	49·1	4·1	19·3	8·8	14·1	-	21·7
4	16- 1-20- 1	29·3	15·0	22·1		1·0	26·7	10·0	18·3	61·4	0·0	27·1	11·1	19·1	-	0·0
5	21- 1-25- 1	33·6	15·7	24·7		0·0	29·9	11·8	20·9	63·3	0·0	31·1	13·1	22·1	-	8·5
6	26- 1-30- 1	31·0	15·2	23·1		0·0	28·0	11·3	19·7	63·1	0·0	32·0	12·8	22·4	-	0·0
7	31- 1- 4- 2	35·1	17·4	26·3		0·0	31·6	12·8	22·2	62·5	0·0	33·4	14·8	24·1	-	0·0
8	5- 2- 9- 2	34·6	16·4	25·5		0·0	29·3	12·4	20·9	62·5	0·0	30·7	12·1	21·4	-	0·0
9	10- 2-14- 2	30·8	19·7	25·3		14·1	25·4	13·7	19·5	44·1	20·8	28·4	15·0	21·7	-	29·0
10	15- 2-19- 2	29·6	16·9	23·3		0·7	24·4	12·4	18·4	50·6	0·0	25·1	13·8	19·5	-	5·4
11	20- 2-24- 2	33·9	15·5	24·7		0·0	29·4	10·2	19·8	61·4	0·0	31·7	10·5	21·1	-	0·0
12	25- 2- 1- 3	31·3	17·1	24·2		0·0	28·0	14·3	21·1	49·3	0·0	24·4	12·5	18·5	-	9·5
13	2- 3- 6- 3	27·9	16·1	22·0		8·5	24·2	12·6	18·4	39·0	8·3	27·8	13·1	20·5	-	11·6
14	7- 3-11- 3	25·8	14·2	20·0		8·7	23·3	9·3	16·3	55·8	0·4	24·6	11·8	18·2	-	3·5
15	12- 3-16- 3	35·2	20·3	27·7		0·0	31·0	13·6	22·3	47·7	8·8	34·3	14·8	24·5	-	0·0
16	17- 3-21- 3	26·5	12·3	19·4		0·0	20·5	6·8	13·7	39·9	0·5	20·3	8·6	14·5	-	12·0
17	22- 3-26- 3	30·2	14·2	22·2		0·0	28·2	11·5	19·9	51·4	0·0	30·2	10·1	20·1	-	0·0
18	27- 3-31- 3	26·4	13·5	19·9		0·0	25·0	10·8	17·9	50·6	0·0	27·8	11·8	19·8	-	0·0
19	1- 4- 5- 4	23·9	13·2	18·5		6·0	22·2	9·6	15·9	40·2	7·4	26·1	11·6	18·9	-	5·5
20	6- 4-10- 4	22·9	11·8	17·3		14·1	20·4	6·5	13·5	44·3	7·5	23·6	8·1	15·9	-	5·5
21	11- 4-15- 4	24·0	13·2	18·6		2·0	24·5	8·5	16·5	47·8	3·0	28·2	8·6	18·4	-	13·1
22	16- 4-20- 4	27·7	15·9	21·8		0·0	24·2	13·9	19·1	25·4	5·5	26·9	14·3	20·6	-	6·0
23	21- 4-25- 4	21·6	11·5	16·5		5·0	16·6	5·7	11·1	41·1	0·0	18·9	6·3	12·6	-	31·0
24	26- 4-30- 4	19·4	9·6	14·5		17·0	15·7	5·9	10·8	36·3	19·5	17·8	6·7	12·3	-	1·5
25	1- 5- 5- 5	19·3	10·0	14·7		11·5	15·6	4·6	10·1	43·5	0·3	18·0	7·0	12·5	35·5	4·6
26	6- 5-10- 5	16·3	11·6	13·9		49·5	13·3	6·4	9·9	19·0	10·8	19·7	8·3	14·0	28·7	0·0
27	11- 5-15- 5	16·1	10·1	13·1		15·0	11·0	4·8	7·9	16·7	22·6	13·6	9·6	11·6	7·5	28·0
28	16- 5-20- 5	19·2	10·4	14·8		9·9	14·7	4·4	9·5	39·9	14·6	18·4	3·4	10·9	29·7	0·3
29	21- 5-25- 5	16·1	10·4	13·3		36·5	12·8	5·9	9·3	27·2	10·2	17·3	8·7	13·0	24·9	11·5
30	26- 5-30- 5	16·4	9·6	13·0		25·6	12·9	4·1	8·5	29·1	25·9	18·6	4·0	11·3	34·7	2·7
31	31- 5- 4- 6	16·5	8·3	12·4		6·7	12·0	1·6	6·8	32·0	5·5	16·1	3·9	10·0	32·7	3·5
32	5- 6- 9- 6	17·8	7·3	12·5		4·0	16·1	3·7	9·9	44·2	0·0	17·2	2·8	10·0	24·6	0·5
33	10- 6-14- 6	21·8	8·7	15·3		0·0	18·5	4·4	11·5	42·6	0·0	20·4	4·9	12·7	29·4	0·0
34	15- 6-19- 6	19·2	8·7	13·9		0·0	19·3	5·7	12·5	28·4	0·2	22·7	4·8	13·7	25·1	0·0
35	20- 6-24- 6	17·3	8·8	13·1		15·5	17·4	7·4	12·4	38·8	8·4	21·8	8·7	15·3	31·8	1·5
36	25- 6-29- 6	21·2	8·0	14·6		0·0	17·1	3·2	10·1	43·8	0·0	21·5	1·6	11·5	33·3	0·0
37	30- 6- 4- 7	19·9	9·1	14·5		5·0	17·0	4·8	10·9	38·7	1·2	17·9	4·5	11·2	25·0	1·5
38	5- 7- 9- 7	19·8	7·7	13·7		1·0	16·0	3·6	9·8	41·7	0·5	17·2	2·8	10·0	28·1	3·5
39	10- 7-14- 7	15·9	5·2	10·5		20·1	12·9	4·5	8·7	25·0	3·1	20·4	4·9	12·7	21·1	22·7
40	15- 7-19- 7	19·1	6·4	12·7		0·4	13·4	1·6	7·5	41·8	1·5	22·7	4·8	13·7	26·8	10·0
41	20- 7-24- 7	17·5	6·8	12·1		2·8	14·3	0·8	7·5	36·3	0·0	21·8	8·7	15·3	31·1	0·0
42	25- 7-29- 7	20·2	6·0	13·1		0·0	18·4	2·0	10·2	47·9	0·0	21·5	1·6	11·5	40·3	0·0
43	30- 7- 3- 8	21·3	7·3	14·3		0·0	17·1	3·5	10·3	44·5	0·2	15·9	3·8	9·9	34·3	12·0
44	4- 8- 8- 8	15·0	5·3	10·1		7·5	11·9	0·0	5·9	34·5	2·5	14·7	1·1	7·9	31·4	10·0
45	9- 8-13- 8	22·1	8·8	15·5		0·0	21·1	6·2	13·7	47·1	0·0	24·6	8·4	16·5	42·3	0·0
46	14- 8-18- 8	16·5	7·1	11·8		29·5	11·5	2·7	7·1	30·1	24·0	15·6	6·1	10·9	29·9	4·5
47	19- 8-23- 8	25·8	10·9	18·3		0·0	21·6	4·4	13·0	51·7	0·0	24·8	3·0	13·9	46·3	0·0
48	24- 8-28- 8	20·2	6·9	13·5		0·0	19·6	5·2	12·4	50·4	0·0	21·9	4·4	13·1	44·7	0·0
49	29- 8- 2- 9	18·8	7·1	12·9		15·5	14·2	2·4	8·3	40·0	2·5	17·2	4·5	10·9	34·9	24·1
50	3- 9- 7- 9	23·8	9·8	16·8		1·0	21·3	5·5	13·4	46·0	0·0	23·1	5·9	14·5	42·0	0·0
51	8- 9-12- 9	17·2	6·6	11·9		10·0	13·3	2·0	7·7	42·8	21·9	16·5	4·6	10·5	32·3	14·5
52	13- 9-17- 9	23·2	7·1	15·1		0·0	20·5	2·5	11·5	52·6	0·0	22·2	3·0	12·6	49·7	0·0
53	18- 9-22- 9	21·5	9·2	15·3		9·0	20·8	6·0	13·4	46·9	2·8	25·6	7·6	16·6	38·5	4·0
54	23- 9-27- 9	25·8	9·5	17·7		0·0	22·4	5·1	13·7	49·6	0·0	24·2	6·5	15·3	40·7	0·5
55	28- 9- 2-10	24·7	10·3	17·5		7·5	20·7	5·7	13·2	44·6	0·0	26·2	9·6	17·9	40·9	0·0
56	3-10- 7-10	20·9	7·0	13·9		6·4	15·4	1·8	8·6	44·3	0·7	17·0	3·2	10·1	37·4	6·5
57	8-10-12-10	24·2	11·4	17·8		0·0	16·0	5·8	10·9	23·3	15·7	18·2	7·7	12·9	23·3	33·5
58	13-10-17-10	24·8	11·8	18·3		0·2	22·8	8·2	15·5	39·7	0·0	25·2	9·5	17·3	34·8	4·5
59	18-10-22-10	24·7	11·2	17·9		0·0	21·0	6·2	13·6	51·6	0·0	22·4	9·6	16·0	37·4	3·0
60	23-10-27-10	28·2	12·2	20·2		0·0	25·9	7·6	16·7	62·6	0·0	27·9	10·5	19·2	53·8	0·0
61	28-10- 1-11	19·7	11·3	15·5		25·5	16·8	6·5	11·7	44·8	14·9	20·6	9·6	15·1	30·5	25·0
62	2-11- 6-11	28·6	11·5	20·1		0·0	23·5	6·4	14·9	61·6	0·0	24·9	7·6	16·3	54·7	0·2
63	7-11-11-11	27·6	13·3	20·5		0·0	22·0	8·0	15·0	56·8	0·0	22·5	9·9	16·2	44·4	2·0
64	12-11-16-11	29·7	15·3	22·5		0·0	26·9	10·3	18·6	58·7	0·0	28·6	12·1	20·3	53·0	0·0
65	17-11-21-11	28·1	12·8	20·5		0·6	26·5	9·3	17·9	64·6	0·0	26·7	11·1	18·9	47·7	6·6
66	22-11-26-11	33·9	15·8	24·9		0·0	30·1	11·6	20·9	64·2	0·0	31·6	13·1	22·3	53·9	0·0
67	27-11- 1-12	29·1	13·5	21·3		0·0	24·6	10·3	17·5	50·1	0·0	25·1	12·1	18·6	35·4	1·2
68	2-12- 6-12	27·7	14·7	21·2		5·5	24·5	8·9	16·7	57·4	1·5	26·4	10·8	18·6	28·2	4·8
69	7-12-11-12	27·9	11·8	19·9		0·0	27·4	8·1	17·7	67·0	0·0	30·2	12·2	21·2	49·4	0·8
70	12-12-16-12	29·3	14·6	21·9		1·2	28·7	11·7	20·2	61·2	0·1	31·6	13·7	22·7	47·4	7·0
71	17-12-21-12	29·3	14·4	21·9		0·0	25·7	9·2	17·5	61·1	0·0	27·6	12·3	19·9	50·6	4·6
72	22-12-26-12	30·1	15·5	22·8		0·0	26·8	10·6	18·7	63·7	0·0	27·5	12·7	20·1	52·3	1·0
73	27-12-31-12	34·8	17·7	26·3		0·0	28·3	11·2	19·7	65·7	0·0	29·0	13·6	21·3	34·7	·5

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		EAST LONDON 59/572 33°02'S H 125M 27°50'E					JANSENVILLE 74/296 32°56'S H 410M 24°40'E					FORT BEAUFORT 78/227A 32°47'S H 456M 26°38'E				
PT NO	DATUMS/DATES 1 9 5 9	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM
1	1- 1- 5- 1	22·7	16·6	19·7	26·3	16·4	30·9	15·4	23·1	54·2	0·4	24·9	14·8	19·9		11·8
2	6- 1-10- 1	25·2	18·5	21·9	31·8	0·2	33·2	16·0	24·6	58·0	0·0	29·8	16·0	22·9		0·0
3	11- 1-15- 1	22·5	14·4	18·5	39·9	9·2	25·3	12·5	18·9	44·3	0·2	22·1	12·4	17·3		30·9
4	16- 1-20- 1	24·0	16·1	20·1	46·5	2·7	32·8	13·6	23·2	53·9	0·0	30·2	13·7	21·9		0·0
5	21- 1-25- 1	26·1	18·5	22·3	24·2	9·9	33·6	16·3	24·9	44·3	12·1	32·4	16·2	24·3		14·5
6	26- 1-30- 1	26·7	18·1	22·4	31·6	27·9	30·6	16·4	23·5	47·9	11·5	29·7	16·0	22·9		32·7
7	31- 1- 4- 2	25·8	17·2	21·5	47·1	0·0	34·2	15·3	24·7	60·0	0·0	31·4	15·1	23·3		0·0
8	5- 2- 9- 2	25·2	18·6	21·9	26·4	3·9	32·2	17·0	24·6	60·8	0·0	30·1	16·7	23·4		2·9
9	10- 2-14- 2	27·0	18·7	22·9	38·0	19·2	31·1	17·7	24·4	43·0	11·0	31·8	17·6	24·7		14·7
10	15- 2-19- 2	24·9	17·9	21·4	35·8	5·4	29·5	15·3	22·4	41·9	0·0	27·7	16·8	22·3		3·4
11	20- 2-24- 2	25·8	17·2	21·5	57·0	0·0	32·7	13·7	23·2	57·3	0·0	32·7	12·8	22·7		0·0
12	25- 2- 1- 3	26·5	20·7	23·6	28·7	18·8	31·8	18·4	25·1	43·9	0·0	30·9	19·2	25·1		0·7
13	2- 3- 6- 3	24·5	19·0	21·7	22·1	12·5	29·7	17·8	23·7	33·8	9·0	27·8	17·2	22·5		8·8
14	7- 3-11- 3	22·8	15·9	19·3	23·6	9·9	27·5	14·5	21·0	45·7	2·0	26·7	14·8	20·7		13·0
15	12- 3-16- 3	28·0	17·7	22·9	46·2	0·9	34·2	15·9	25·1	39·1	23·5	33·1	16·2	24·7		8·6
16	17- 3-21- 3	22·3	14·3	18·3	40·2	29·3	23·1	10·5	16·8	38·9	20·0	23·5	11·7	17·6		31·6
17	22- 3-26- 3	25·3	16·5	20·9	42·1	0·0	32·3	14·4	23·3	43·4	0·0	32·3	14·1	23·2		0·0
18	27- 3-31- 3	26·3	18·6	22·5	32·4	2·0	30·2	15·4	22·8	45·1	9·0	30·4	16·4	23·4		3·0
19	1- 4- 5- 4	25·8	16·9	21·3	43·2	1·8	27·0	13·7	20·3	39·8	2·5	28·0	14·3	21·1		4·0
20	6- 4-10- 4	23·7	12·9	18·3	42·8	0·5	25·6	9·2	17·4	44·5	0·0	25·7	10·5	18·1		0·0
21	11- 4-15- 4	25·8	15·3	20·5	42·8	0·1	29·0	11·8	20·4	44·3	15·0	33·5	12·5	23·0		1·5
22	16- 4-20- 4	27·0	18·2	22·6	26·5	22·2	28·5	15·6	22·1	35·4	10·2	31·6	16·5	24·1		20·5
23	21- 4-25- 4	18·3	13·3	15·8	20·5	60·7	19·8	10·1	14·9	25·8	7·7	16·8	10·5	13·7		37·3
24	26- 4-30- 4	21·9	13·2	17·5	25·3	27·4	19·0	9·3	14·1	21·3	24·5	21·4	10·1	15·7		20·0
25	1- 5- 5- 5	21·5	12·6	17·1	36·3	0·4	19·2	8·3	13·7	35·5	0·2	20·8	7·7	14·3		0·0
26	6- 5-10- 5	24·7	11·9	18·3	40·5	0·0	21·8	9·6	15·7	39·9	0·0	24·0	7·4	15·7		0·0
27	11- 5-15- 5	21·1	12·7	16·9	25·9	90·0	17·7	8·7	13·2	21·3	7·8	20·0	8·4	14·2		14·8
28	16- 5-20- 5	21·4	13·7	17·5	20·5	61·2	20·7	7·8	14·3	32·8	0·1	20·0	9·5	14·7		33·8
29	21- 5-25- 5	22·1	13·2	17·7	43·8	0·7	19·4	8·0	13·7	35·5	0·1	20·9	9·3	15·1		0·4
30	26- 5-30- 5	21·8	10·6	16·2	47·4	0·0	21·6	4·8	13·2	44·7	0·0	22·7	4·4	13·5		0·0
31	31- 5- 4- 6	20·6	9·7	15·1	45·5	0·0	18·8	4·8	11·8	37·6	0·0	19·1	2·3	10·7		0·0
32	5- 6- 9- 6	20·5	11·1	15·8	39·1	5·5	20·4	5·1	12·7	41·0	0·0	20·6	3·7	12·1		0·0
33	10- 6-14- 6	23·5	9·9	16·7	44·0	0·0	23·9	2·6	13·3	45·2	0·0	23·8	2·2	13·0		0·0
34	15- 6-19- 6	23·7	12·4	18·1	40·1	0·0	22·4	5·1	13·7	38·5	0·0	23·7	4·5	14·1		0·0
35	20- 6-24- 6	24·2	13·9	19·1	43·8	0·0	23·9	6·7	15·3	42·6	0·0	25·1	11·0	18·1		0·0
36	25- 6-29- 6	22·5	9·3	15·9	47·2	0·0	23·2	2·0	12·6	42·1	0·0	24·1	2·6	13·3		0·0
37	30- 6- 4- 7	22·6	13·9	18·3	31·3	1·8	21·6	6·6	14·1	34·9	0·3	23·2	6·2	14·7		0·0
38	5- 7- 9- 7	21·8	11·5	16·7	33·7	29·5	18·9	7·6	13·3	26·0	4·0	23·0	5·9	14·5		10·5
39	10- 7-14- 7	21·2	12·3	16·7	43·6	0·2	21·0	5·5	13·3	35·5	0·3	23·7	7·5	15·6		0·0
40	15- 7-19- 7	18·2	10·9	14·5	29·4	167·9	16·7	6·1	11·4	31·2	10·6	16·3	5·5	10·9		60·3
41	20- 7-24- 7	20·6	11·7	16·1	42·4	0·0	20·0	4·6	12·3	40·0	0·0	20·8	7·2	14·0		0·0
42	25- 7-29- 7	22·4	10·8	16·6	46·9	0·0	23·2	4·0	13·6	37·4	0·0	22·9	8·2	15·5		0·0
43	30- 7- 3- 8	21·8	11·4	16·6	41·9	13·0	21·6	4·0	12·8	41·0	0·0	21·5	4·9	13·2		17·0
44	4- 8- 8- 8	19·2	9·6	14·4	37·5	0·0	17·9	2·7	10·3	43·2	2·5	18·0	3·8	10·9		0·5
45	9- 8-13- 8	25·4	13·3	19·3	49·5	0·0	26·3	6·3	16·3	46·0	0·0	26·0	8·5	17·3		0·0
46	14- 8-18- 8	22·4	13·6	18·0	32·3	0·0	20·5	10·7	15·6	35·1	0·0	21·0	10·8	15·9		2·3
47	19- 8-23- 8	24·2	9·9	17·1	53·1	0·0	26·7	3·8	15·3	51·2	0·0	25·8	3·3	14·5		0·0
48	24- 8-28- 8	22·3	11·9	17·1	48·7	2·2	27·2	6·1	16·7	51·6	0·0	26·9	6·8	15·9		0·0
49	29- 8- 2- 9	17·8	10·7	14·3	31·3	18·4	20·8	6·8	13·8	41·0	3·2	19·4	6·6	13·0		26·4
50	3- 9- 7- 9	21·9	12·0	16·9	47·8	0·0	26·2	8·3	17·3	48·0	0·0	24·8	7·5	16·1		0·0
51	8- 9-12- 9	19·6	11·9	15·7	43·3	53·1	21·5	6·5	14·0	38·3	0·1	21·8	6·6	14·2		22·8
52	13- 9-17- 9	20·1	9·9	15·0	49·4	1·6	25·1	4·6	14·9	49·4	0·0	22·8	6·1	14·5		1·0
53	18- 9-22- 9	22·7	14·5	18·6	37·4	1·3	28·3	10·6	19·5	39·9	0·0	28·1	11·9	15·0		0·1
54	23- 9-27- 9	21·2	12·9	17·1	37·7	0·1	26·7	8·9	17·8	47·4	0·0	25·5	7·6	16·5		0·2
55	28- 9- 2-10	26·0	14·9	20·5	30·1	7·2	30·1	12·3	21·2	37·4	0·0	29·0	12·3	20·7		0·0
56	3-10- 7-10	19·3	9·7	14·5	45·5	41·2	20·9	5·5	13·2	52·2	0·0	20·4	6·6	13·5		0·4
57	8-10-12-10	21·0	13·2	17·1	35·2	0·7	22·4	10·0	16·2	42·0	14·5	23·7	9·9	16·8		7·4
58	13-10-17-10	22·8	15·7	19·3	19·4	29·2	29·4	13·3	21·3	43·3	0·0	29·4	13·0	21·2		0·0
59	18-10-22-10	21·0	14·3	17·7	13·0	0·8	25·5	11·8	18·7	24·9	0·0	24·2	11·7	17·9		13·0
60	23-10-27-10	23·6	15·5	19·5	46·5	1·4	29·8	13·8	21·8	48·9	0·0	29·6	13·2	21·4		0·0
61	28-10- 1-11	21·9	14·4	18·1	29·7	1·3	25·9	11·7	18·8	33·5	1·5	25·1	12·0	18·5		7·7
62	2-11- 6-11	22·7	13·0	17·9	31·4	0·3	28·4	10·1	19·3	53·4	0·0	26·9	11·0	18·9		1·0
63	7-11-11-11	22·2	14·7	18·5	27·7	4·8	27·1	12·2	19·7	49·0	0·3	24·6	11·0	17·8		2·9
64	12-11-16-11	24·8	17·4	21·1	35·5	18·2	31·0	16·8	23·9	46·1	4·6	29·2	15·9	22·5		38·1
65	17-11-21-11	23·4	15·4	19·4	40·6	5·3	29·1	13·3	21·2	49·8	6·0	26·9	12·8	19·9		14·5
66	22-11-26-11	26·5	16·3	21·4	52·6	0·3	33·7	13·7	23·7	53·1	0·5	32·2	13·9	23·1		1·1
67	27-11- 1-12	24·0	16·9	20·5	17·8	17·3	29·2	14·8	22·0	48·4	0·0	28·0	13·6	20·8		7·6
68	2-12- 6-12	23·3	15·0	19·1	36·0	13·0	24·7	12·2	18·5	45·9	14·0	24·3	12·5	18·4		11·5
69	7-12-11-12	25·1	16·3	20·7	27·1	11·8	32·4	15·7	24·1	54·5	0·1	30·0	15·2	22·6		2·5
70	12-12-16-12	26·5	18·3	22·4	39·7	9·8	33·9	15·9	24·9	42·4	0·0	34·0	15·4	24·7		1·1
71	17-12-21-12	25·6	17·2	21·4	31·6	21·1	30·7	15·4	23·1	51·2	0·0	29·4	15·4	22·4		5·3
72	22-12-26-12	24·8	17·0	20·9	54·4	9·9	31·9	14·5	23·2	61·1	0·0	29·2	14·2	21·7		5·7
73	27-12-31-12	24·4	16·7	20·5	38·9	2·2	30·4	14·2	22·3	57·4	0·0	28·9	14·8	21·9		0·0

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		DOHNE 79/811 32°31'S H 899M 27°28'E					BEAUFORT WEST 92/288 32°18'S H 893M 22°40'E					VREDENDAL 106/850 31°40'S H 34M 18°29'E				
PT NO	DATUMS/DATES 1 9 5 9	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM
1	1· 1- 5· 1				23·1		31·2	15·3	23·3	60·8	0·0	29·2	13·3	21·3	61·4	0·0
2	6· 1-10· 1				21·1		31·9	15·5	23·7	64·9	0·0	29·9	15·0	22·5	57·7	0·0
3	11· 1-15· 1				37·2		23·8	9·9	16·9	50·5	0·9	26·5	11·5	19·0	60·4	0·0
4	16· 1-20· 1				23·7		30·7	13·9	22·3	62·5	0·0	29·0	12·8	20·9	56·1	0·0
5	21· 1-25· 1				38·6		33·1	16·1	24·6	52·3	15·9	32·1	12·0	22·1	58·6	0·0
6	26· 1-30· 1				34·0		32·1	15·5	23·8	56·3	2·5	32·1	13·0	22·5	55·5	1·2
7	31· 1- 4· 2				46·9		34·5	16·1	25·3	62·6	0·0	33·2	14·7	23·9	54·8	0·0
8	5· 2- 9· 2				26·9		33·6	17·1	25·3	59·4	0·0	30·7	12·9	21·8	54·1	0·0
9	10· 2-14· 2				28·3		29·1	16·0	22·5	43·3	19·5	29·8	16·9	23·3	38·6	1·1
10	15· 2-19· 2				27·3		27·5	15·1	21·3	48·1	0·0	27·8	14·7	21·3	49·9	0·0
11	20· 2-24· 2				55·0		32·4	13·5	22·9	61·4	0·0	34·2	13·2	23·7	56·4	0·0
12	25· 2- 1· 3				32·7		31·9	18·1	25·0	57·0	0·0	30·7	15·7	23·2	52·4	0·0
13	2· 3- 6· 3				14·9		30·1	14·2	22·1	51·1	10·8	28·2	14·7	21·5	46·2	0·4
14	7· 3-11· 3				24·8		26·7	13·3	20·0	50·2	1·0	28·0	13·6	20·8	48·9	3·0
15	12· 3-16· 3				46·8		32·5	15·8	24·1	48·1	2·1	37·4	18·5	27·9	55·0	0·0
16	17· 3-21· 3				37·0		23·4	9·5	16·5	46·4	5·5	28·1	9·6	18·9	56·4	0·0
17	22· 3-26· 3				46·2		32·4	13·8	23·1	54·8	0·0	30·6	10·9	20·7	48·9	0·0
18	27· 3-31· 3				29·3		29·7	13·6	21·7	47·6	6·6	26·5	12·8	19·7	42·0	0·0
19	1· 4- 5· 4				43·1		25·8	12·3	19·1	48·4	0·4	25·8	11·7	18·7	46·1	0·2
20	6· 4-10· 4				42·7		25·2	8·8	17·0	49·2	0·0	25·4	9·7	17·5	39·5	2·6
21	11· 4-15· 4				40·9		29·5	13·5	21·5	46·8	0·0	27·3	11·8	19·5	43·5	0·6
22	16· 4-20· 4				36·1		29·1	15·8	22·5	31·0	0·3	30·9	16·2	23·5	33·0	0·0
23	21· 4-25· 4				24·4		18·2	7·9	13·1	29·1	1·4	23·8	12·1	17·9	48·9	3·4
24	26· 4-30· 4				26·4		18·4	7·2	12·8	24·2	13·5	21·1	9·7	15·4	32·3	3·5
25	1· 5- 5· 5				36·2		18·2	6·0	12·1	41·0	0·0	21·9	8·6	15·3	45·6	1·0
26	6· 5-10· 5				42·4		20·0	9·2	14·6	40·4	0·0	19·7	10·7	15·2	24·2	24·2
27	11· 5-15· 5				27·1		14·4	7·4	10·9	20·0	9·3	17·3	10·0	13·7	20·1	9·1
28	16· 5-20· 5				18·9		17·4	7·0	12·2	31·8	0·0	21·6	9·4	15·5	33·6	5·7
29	21· 5-25· 5				38·7		16·9	8·0	12·5	35·5	2·2	17·5	11·2	14·3	22·1	25·7
30	26· 5-30· 5				46·5		19·0	5·6	12·3	44·8	0·0	19·3	9·0	14·1	23·7	11·6
31	31· 5- 4· 6				41·4		15·1	3·7	9·4	44·8	0·0	18·0	7·0	12·5	36·9	1·8
32	5· 6- 9· 6				39·0		18·1	3·3	10·7	44·1	0·0	19·9	8·4	14·1	39·4	0·9
33	10· 6-14· 6				47·6		20·9	3·9	12·4	46·7	0·0	25·3	6·5	15·9	47·3	0·0
34	15· 6-19· 6				42·8		22·9	10·1	16·5	35·8	0·1	23·6	8·9	16·3	36·6	0·0
35	20· 6-24· 6				44·8		21·8	12·5	17·1	47·0	0·5	19·8	6·3	13·1	29·4	4·8
36	25· 6-29· 6				47·2		21·8	5·2	13·5	47·2	0·0	25·2	4·7	14·9	45·5	0·0
37	30· 6- 4· 7				30·8		20·1	9·8	14·9	35·4	0·0	24·0	7·5	15·7	39·1	1·3
38	5· 7- 9· 7				33·8		19·7	7·7	13·7	34·8	0·0	23·0	7·0	15·0	42·4	0·0
39	10· 7-14· 7				41·9		18·9	8·9	13·9	37·8	0·0	17·4	6·6	12·0	24·6	6·4
40	15· 7-19· 7				27·3		15·3	2·6	8·9	40·3	7·5	19·7	6·1	12·9	38·5	1·9
41	20· 7-24· 7				45·4		17·7	2·7	10·2	49·4	0·0	19·6	6·2	12·9	44·0	0·0
42	25· 7-29· 7				42·4		21·7	5·6	13·7	49·4	0·0	23·3	4·2	13·7	44·9	0·0
43	30· 7- 3· 8				41·6		19·3	6·1	12·7	40·3	2·8	24·6	5·3	14·9	44·6	0·0
44	4· 8- 8· 8				43·8		15·1	1·4	8·3	44·4	2·5	16·6	4·4	10·5	27·8	3·1
45	9· 8-13· 8				53·9		24·4	9·6	17·0	44·3	0·0	24·0	8·6	16·3	35·2	0·1
46	14· 8-18· 8				32·8		16·6	7·6	12·1	43·7	0·0	17·7	7·4	12·5	35·5	19·2
47	19· 8-23· 8				52·4		24·5	6·4	15·5	53·5	0·0	29·7	7·7	18·7	53·3	0·0
48	24· 8-28· 8				50·7		24·6	5·6	15·1	51·0	0·0	23·0	6·0	14·5	47·3	0·0
49	29· 8- 2· 9				41·6		18·8	3·2	11·0	46·1	1·3	21·4	8·7	15·1	42·9	9·0
50	3· 9- 7· 9				47·5		27·3	6·6	16·9	53·0	0·0	26·3	8·8	17·5	44·1	0·7
51	8· 9-12· 9				40·3		18·8	5·0	11·9	44·2	2·2	20·3	7·7	14·0	42·0	3·2
52	13· 9-17· 9				45·1		23·2	2·9	13·1	53·3	0·0	26·1	5·7	15·9	51·9	0·0
53	18· 9-22· 9				41·3		26·7	14·5	20·6	41·5	0·0	23·1	9·5	16·3	36·6	3·7
54	23· 9-27· 9				34·0		26·6	7·6	17·1	50·6	0·0	28·9	8·4	18·7	51·3	0·0
55	28· 9- 2·10				34·9		27·3	11·2	19·3	48·4	0·0	25·9	8·9	17·4	35·1	0·2
56	3·10- 7·10				44·3		18·7	3·0	10·9	55·7	0·1	24·3	5·9	15·1	51·7	1·4
57	8·10-12·10				34·8		21·4	8·0	14·7	49·5	10·3	25·0	10·5	17·7	48·0	0·0
58	13·10-17·10				36·4		28·5	10·9	19·7	52·2	0·0	25·9	12·6	19·3	47·2	0·0
59	18·10-22·10				22·5		25·2	11·2	18·2	35·6	0·7	25·4	12·6	19·0	36·6	0·0
60	23·10-27·10				38·2		30·5	12·3	21·4	54·4	3·2	27·1	11·2	19·1	43·3	0·0
61	28·10- 1·11				27·7		22·5	10·1	16·3	33·7	3·7	20·7	11·1	15·9	31·4	13·5
62	2·11- 6·11				32·7		27·8	8·7	18·3	55·2	0·0	29·6	10·6	20·1	59·9	0·0
63	7·11-11·11				15·0		26·7	11·1	18·9	56·9	0·0	26·8	11·6	19·2	61·3	0·0
64	12·11-16·11				32·2		31·4	14·5	22·9	61·7	0·0	27·3	13·1	20·2	54·8	0·0
65	17·11-21·11				34·6		28·4	12·6	20·5	47·9	11·3	29·5	11·3	20·4	56·3	0·0
66	22·11-26·11				46·0		33·3	14·6	23·9	58·2	0·0	33·5	13·0	23·3	57·8	0·0
67	27·11- 1·12				28·4		29·5	14·4	21·9	55·9	0·0	27·5	12·4	19·9	62·9	0·0
68	2·12- 6·12				30·4		26·5	11·6	19·1	45·9	9·5	29·8	13·3	21·5	53·1	3·4
69	7·12-11·12				22·6		31·9	14·1	23·0	59·3	1·0	27·1	12·3	19·7	60·4	0·0
70	12·12-16·12				44·3		32·2	16·5	24·3	48·3	0·0	28·0	14·0	21·0	49·4	0·4
71	17·12-21·12				32·4		30·9	14·5	22·7	58·7	0·0	28·6	13·0	20·8	60·1	0·[illegible]
72	22·12-26·12				43·8		31·3	14·6	22·9	63·9	0·0	29·6	13·4	21·5	66·0	0·0
73	27·12-31·12				45·4		30·5	14·3	22·4	61·6	0·0	35·8	15·3	25·5	66·0	0·0

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		UMTATA 127/485 31°35'S H 700M 28°47'E					CALVINIA 134/478 31°28'S H 980M 19°46'E					GROOTFONTEIN 145/ 59 31°29'S H1263M 25°02'E				
PT NO	DATUMS/DATES 1959	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM
1	1- 1- 5- 1	21.8	15.0	18.4	-	16.2	32.0	12.9	22.5	-	0.0	29.1	12.0	20.5	59.7	0.0
2	6- 1-10- 1	24.9	16.0	20.5	-	4.4	32.1	14.7	23.4	-	0.0	29.3	12.2	20.7	55.6	0.0
3	11- 1-15- 1	23.9	12.4	18.1	-	0.0	25.2	9.7	17.5	-	0.0	21.9	6.9	14.4	45.0	0.0
4	16- 1-20- 1	24.8	14.5	19.7	-	4.6	30.3	10.3	20.3	-	0.0	29.1	9.2	19.1	57.5	0.0
5	21- 1-25- 1	28.4	16.5	22.5	-	0.3	34.7	13.6	24.1	-	0.0	29.6	11.6	20.6	39.4	30.0
6	26- 1-30- 1	28.0	16.4	22.2	-	15.3	33.0	11.0	22.0	60.0	0.0	27.4	12.8	20.1	45.3	3.5
7	31- 1- 4- 2	28.4	16.3	22.3	-	0.6	35.7	15.6	25.7	61.6	0.0	31.0	12.3	21.7	55.4	0.0
8	5- 2- 9- 2	28.4	17.2	22.8	-	10.4	33.9	14.3	24.1	61.9	0.0	29.8	13.3	21.5	47.6	0.0
9	10- 2-14- 2	27.5	17.8	22.7	-	11.0	31.0	17.0	24.0	43.6	10.2	27.3	13.3	20.3	34.0	2.8
10	15- 2-19- 2	25.1	16.0	20.5	-	30.8	28.9	12.7	20.8	54.1	4.8	22.9	11.8	17.3	33.2	56.3
11	20- 2-24- 2	27.8	13.3	20.5	-	0.0	34.9	11.9	23.4	60.4	0.0	27.8	10.0	18.9	59.7	26.7
12	25- 2- 1- 3	29.7	17.9	23.8	-	12.1	32.6	12.3	22.5	58.6	0.0	30.7	12.8	21.7	53.0	6.0
13	2- 3- 6- 3	26.8	17.3	22.1	-	56.2	31.0	12.4	21.7	55.4	0.0	26.8	13.4	20.1	44.2	0.3
14	7- 3-11- 3	23.3	14.9	19.1	-	7.0	27.6	10.9	19.3	53.3	1.0	25.0	10.4	17.7	45.6	2.5
15	12- 3-16- 3	29.5	15.1	22.3	-	30.5	34.1	17.4	25.7	50.3	0.9	27.6	10.0	18.8	42.5	3.5
16	17- 3-21- 3	23.2	11.5	17.3	-	11.8	26.2	7.9	17.1	50.7	0.0	20.7	5.6	13.1	44.9	17.7
17	22- 3-26- 3	29.4	13.9	21.7	-	0.0	33.1	9.6	21.3	54.8	0.0	28.9	8.1	18.5	54.3	0.0
18	27- 3-31- 3	30.6	18.3	24.5	-	2.0	30.2	7.8	19.0	55.3	0.0	30.1	11.7	20.9	44.2	4.5
19	1- 4- 5- 4	27.5	14.8	21.1	44.2	11.8	25.9	8.4	17.1	53.6	3.2	25.6	9.3	17.5	50.1	0.8
20	6- 4-10- 4	26.3	19.7	23.0	37.8	3.0	23.9	6.2	15.1	45.7	5.7	22.4	3.4	12.9	45.8	0.0
21	11- 4-15- 4	29.0	13.3	21.1	38.4	1.7	28.7	8.1	18.4	48.8	2.2	25.5	5.8	15.7	42.4	0.3
22	16- 4-20- 4	28.9	14.5	21.7	38.6	0.0	29.5	13.8	21.7	32.9	3.1	27.0	9.5	18.3	45.9	7.0
23	21- 4-25- 4	18.6	10.7	14.7	17.9	58.0	21.5	5.9	13.7	40.4	0.0	16.3	5.4	10.9	26.6	10.5
24	26- 4-30- 4	21.9	11.4	16.7	29.6	28.5	18.0	6.7	12.3	17.1	17.7	16.6	6.3	11.5	24.7	18.5
25	1- 5- 5- 5	19.2	6.5	12.9	31.7	0.3	19.0	6.1	12.5	35.7	0.0	13.6	1.0	7.3	31.2	0.4
26	6- 5-10- 5	25.6	6.3	15.9	39.5	0.0	15.5	5.9	10.7	19.2	15.0	17.7	5.6	11.7	44.9	0.0
27	11- 5-15- 5	19.1	9.2	14.1	19.8	7.0	13.5	5.8	9.7	19.3	44.2	13.0	4.9	8.9	23.7	31.5
28	16- 5-20- 5	19.0	9.7	14.3	14.3	75.7	18.2	4.8	11.5	34.6	18.0	14.9	4.4	9.7	28.1	0.0
29	21- 5-25- 5	21.9	7.7	14.8	36.0	0.0	13.1	5.7	9.4	16.7	28.0	13.5	6.3	9.9	29.8	0.0
30	26- 5-30- 5	23.4	3.8	13.6	35.5	0.0	17.5	3.1	10.3	23.0	9.4	17.5	0.8	9.1	44.9	0.0
31	31- 5- 4- 6	20.2	5.4	12.8	37.6	0.0	14.0	2.6	8.3	21.2	3.2	13.6	-2.4	5.6	46.6	0.0
32	5- 6- 9- 6	20.4	5.4	12.9	27.5	0.0	19.8	2.7	11.3	28.9	0.6	15.9	1.5	8.7	33.7	0.0
33	10- 6-14- 6	22.7	1.2	11.9	32.8	0.0	22.5	6.7	14.6	30.6	0.0	17.7	-2.7	7.5	45.5	0.0
34	15- 6-19- 6	23.9	2.9	13.4	31.5	0.0	22.2	6.1	14.1	23.8	0.0	18.8	-1.4	8.7	42.9	0.0
35	20- 6-24- 6	23.9	2.8	13.3	28.5	0.0	20.5	8.5	14.5	29.7	6.8	17.9	2.9	10.4	45.7	0.0
36	25- 6-29- 6	22.7	0.1	11.4	33.0	0.0	21.3	4.0	12.7	31.8	0.0	18.0	-4.4	6.8	46.4	0.0
37	30- 6- 4- 7	-	-	-	-	-	19.8	5.4	12.6	28.0	0.0	15.7	1.6	8.7	32.1	0.0
38	5- 7- 9- 7	-	-	-	-	-	20.3	5.2	12.7	32.9	0.0	15.3	2.7	9.0	23.3	8.0
39	10- 7-14- 7	-	-	-	-	-	17.1	3.6	10.3	25.9	2.9	16.0	1.4	8.7	43.4	0.0
40	15- 7-19- 7	-	-	-	-	-	16.7	2.5	9.6	31.3	1.8	11.4	-1.6	4.9	33.7	12.3
41	20- 7-24- 7	-	-	-	-	-	18.2	1.9	10.1	35.7	0.0	17.8	-1.6	8.1	46.8	0.0
42	25- 7-29- 7	-	-	-	-	-	22.6	2.9	12.7	37.6	0.0	18.0	-0.4	8.8	43.8	0.0
43	30- 7- 3- 8	-	-	-	-	-	21.1	3.2	12.1	39.0	0.0	16.5	-1.9	7.3	42.0	0.0
44	4- 8- 8- 8	18.2	4.5	11.3	31.3	0.0	15.7	-0.2	7.7	29.0	0.8	14.1	-3.4	5.3	45.9	0.0
45	9- 8-13- 8	24.7	4.0	14.3	49.6	0.0	24.7	9.9	17.3	38.1	0.0	19.7	-0.3	9.7	47.6	0.0
46	14- 8-18- 8	21.2	5.4	13.3	43.4	0.0	13.9	3.0	8.5	28.2	22.9	14.5	2.6	8.5	42.8	1.4
47	19- 8-23- 8	23.5	3.6	13.5	47.1	0.0	25.0	6.1	15.5	45.8	0.0	20.7	-2.5	9.1	51.1	0.0
48	24- 8-28- 8	25.6	6.8	16.2	48.7	0.0	24.4	2.1	13.3	50.0	0.0	23.3	-1.4	10.9	51.9	0.0
49	29- 8- 2- 9	17.7	6.5	12.1	24.1	29.8	17.6	2.9	10.3	44.1	3.4	15.7	0.8	8.3	43.9	0.1
50	3- 9- 7- 9	23.3	7.1	15.2	46.9	0.0	26.6	4.1	15.3	53.3	0.0	25.4	2.1	13.7	52.3	0.0
51	8- 9-12- 9	20.2	8.1	14.1	41.0	18.2	18.5	3.8	11.1	49.0	1.4	18.6	0.8	9.7	44.0	0.1
52	13- 9-17- 9	20.4	5.6	13.0	30.1	1.4	24.8	1.8	13.3	53.7	0.0	20.1	-1.9	9.1	50.2	0.0
53	18- 9-22- 9	26.3	11.9	19.1	35.1	2.3	25.0	7.3	16.1	37.2	0.6	23.7	7.9	15.8	50.7	0.0
54	23- 9-27- 9	22.7	7.8	15.3	33.7	0.0	28.4	7.5	17.9	53.0	0.0	24.5	1.5	13.0	47.8	0.0
55	28- 9- 2-10	28.9	11.7	20.3	36.7	0.3	24.5	6.8	15.7	40.1	0.0	27.6	7.5	17.5	40.7	0.0
56	3-10- 7-10	18.9	6.1	12.5	35.7	1.4	20.3	1.9	11.1	50.9	0.4	16.4	-0.6	7.9	46.5	0.0
57	8-10-12-10	22.3	11.3	16.9	30.2	38.0	24.2	6.7	15.5	48.5	0.1	21.4	3.2	12.3	49.8	4.2
58	13-10-17-10	26.1	13.9	20.0	37.2	1.3	27.5	7.8	17.7	55.2	0.0	29.7	6.1	17.9	46.3	0.0
59	18-10-22-10	21.7	11.9	16.8	17.7	17.9	25.1	7.2	16.1	47.3	0.0	21.1	8.4	14.7	30.0	26.8
60	23-10-27-10	25.3	13.6	19.5	33.0	0.3	29.6	10.1	19.9	58.7	0.0	28.3	9.3	18.8	59.0	0.0
61	28-10- 1-11	26.6	13.7	20.1	39.0	11.5	19.3	6.1	12.7	36.9	5.8	23.0	7.7	15.3	50.1	0.0
62	2-11- 6-11	23.6	10.4	17.0	31.3	8.1	29.0	9.1	19.1	60.5	0.0	24.0	7.0	15.5	43.9	0.5
63	7-11-11-11	19.8	11.2	15.5	18.1	21.1	27.7	9.3	18.5	61.9	0.0	24.1	7.9	16.0	38.9	2.5
64	12-11-16-11	25.6	14.7	20.1	25.4	29.5	31.6	10.1	20.9	61.6	0.0	29.0	9.6	19.3	58.9	0.2
65	17-11-21-11	22.5	13.5	18.0	27.8	22.8	30.7	11.9	21.3	62.1	0.0	27.4	8.6	18.0	53.0	0.0
66	22-11-26-11	27.2	14.6	20.9	39.8	1.8	34.3	15.6	24.9	59.2	0.0	30.8	9.3	20.1	56.0	0.0
67	27-11- 1-12	23.2	14.6	18.9	17.1	25.9	30.5	11.7	21.1	57.6	0.0	29.6	10.4	20.0	46.6	7.2
68	2-12- 6-12	22.1	13.5	17.8	22.5	9.1	28.1	13.0	20.5	49.1	5.0	22.9	9.2	16.1	37.0	5.5
69	7-12-11-12	26.9	15.6	21.3	32.9	19.1	31.0	10.0	20.5	64.7	0.0	29.9	11.2	20.5	54.5	1.9
70	12-12-16-12	29.2	16.1	22.7	40.2	8.6	32.4	13.8	23.1	57.5	1.0	30.6	9.9	20.3	50.4	2.2
71	17-12-21-12	25.5	14.4	19.9	28.0	26.2	29.7	10.9	20.3	62.2	0.0	28.4	12.3	20.3	60.1	0.0
72	22-12-26-12	25.9	14.5	20.2	30.1	3.2	31.5	13.9	22.7	64.4	0.0	29.1	8.9	19.0	66.2	0.0
73	27-12-31-12	24.2	15.0	19.6	32.4	0.0	34.0	15.3	24.7	64.8	0.0	28.0	10.8	19.4	66.6	0.0

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		DE AAR 170/ 9B 30°39'S H1241M 24°01'E					ALIWAL NORTH 175/371A 30°41'S H1316M 26°43'E					PORT SHEPSTONE 182/794A 30°44'S H 17M 30°27'E				
PT NO	DATUMS/DATES 1959	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM
1	1- 1- 5- 1	31·8	14·7	23·3	67·3	1·3	30·4	13·1	21·7	57·4	0·6	24·6	19·8	22·2		25·5
2	6- 1-10- 1	32·2	15·1	23·7	66·7	2·0	29·9	14·2	22·1	53·9	23·6	25·7	20·8	23·3		9·6
3	11- 1-15- 1	24·8	9·7	17·3	57·9	0·0	24·5	8·5	16·5	48·5	0·0	24·5	18·2	21·3		1·7
4	16- 1-20- 1	31·0	14·6	22·8	58·9	0·0	31·1	12·3	21·7	52·9	0·0	24·5	20·1	22·3		26·9
5	21- 1-25- 1	31·3	15·9	23·6	47·7	23·0	30·4	14·3	22·3	38·9	20·5	25·6	20·7	23·1		14·4
6	26- 1-30- 1	30·4	15·4	22·9	51·9	14·2	28·3	13·4	20·9	45·3	14·8	25·9	20·6	23·3		16·0
7	31- 1- 4- 2	34·0	16·3	25·1	57·7	0·5	32·5	13·7	23·1	55·5	0·2	26·7	20·9	23·8		6·7
8	5- 2- 9- 2	33·5	17·5	25·5	54·1	0·0	30·0	14·9	22·5	48·8	0·0	27·5	22·1	24·8		21·7
9	10- 2-14- 2	29·6	16·8	23·2	33·8	51·0	27·5	15·3	21·4	29·0	32·2	25·5	20·4	22·9		0·7
10	15- 2-19- 2	25·7	13·6	19·7	45·8	7·5	25·4	13·2	19·3	35·5	48·6	25·1	20·2	22·7		45·0
11	20- 2-24- 2	31·0	12·7	21·9	62·9	0·0	29·3	11·6	20·5	61·8	6·8	24·2	19·2	21·7		5·0
12	25- 2- 1- 3	33·1	15·1	24·1	60·5	0·0	32·5	13·2	22·9	58·6	0·3	27·2	21·7	24·5		4·2
13	2- 3- 6- 3	30·4	15·2	22·8	52·1	2·4	29·0	14·3	21·7	42·4	4·9	27·0	21·6	24·3		0·9
14	7- 3-11- 3	28·6	13·4	21·0	52·7	0·0	28·4	11·7	20·1	51·7	4·8	25·3	19·2	22·3		13·9
15	12- 3-16- 3	29·6	14·6	22·1	42·9	1·1	29·6	9·8	19·7	49·7	3·5	25·4	19·7	22·5		0·3
16	17- 3-21- 3	22·8	7·3	15·1	46·4	7·5	23·1	7·5	15·3	45·0	15·0	23·4	17·5	20·5		29·0
17	22- 3-26- 3	32·1	11·7	21·9	55·2	0·0	31·5	8·2	19·9	56·7	0·3	25·0	19·1	22·1		0·6
18	27- 3-31- 3	31·8	14·8	23·3	42·2	4·5	30·3	13·4	21·9	29·8	11·4	26·6	21·8	24·2		1·8
19	1- 4- 5- 4	27·0	10·0	18·5	49·9	0·0	28·6	8·8	18·7	49·3	0·5	26·2	20·7	23·5		1·5
20	6- 4-10- 4	22·7	6·3	14·5	46·2	0·0	24·4	2·9	13·7	47·2	2·3	25·2	18·1	21·7		0·2
21	11- 4-15- 4	25·4	9·1	17·3	44·6	41·5	25·3	5·9	15·6	41·3	9·2	24·5	20·3	22·4		1·9
22	16- 4-20- 4	27·8	12·5	20·1	41·5	0·0	28·8	9·2	19·0	50·1	1·2	25·4	18·5	21·9		0·0
23	21- 4-25- 4	20·7	6·4	13·5	40·8	0·0	21·2	8·5	14·9	35·1	22·9	23·1	16·5	19·8		42·8
24	26- 4-30- 4	18·1	7·2	12·7	21·8	13·0	20·1	7·5	13·8	27·3	38·7	24·4	17·0	20·7		5·6
25	1- 5- 5- 5	15·8	2·0	8·9	42·6	0·0	16·1	2·5	9·3	40·4	13·0	22·6	13·7	18·1		20·4
26	6- 5-10- 5	17·9	4·0	10·9	45·9	0·0	20·7	2·5	11·6	44·7	0·0	24·4	15·2	19·8		1·3
27	11- 5-15- 5	14·5	5·2	9·9	24·0	44·0	15·4	6·1	10·7	18·1	24·0	22·6	17·8	20·2		1·4
28	16- 5-20- 5	16·9	4·1	10·5	47·7	4·5	16·9	5·3	11·1	27·7	0·0	21·9	16·5	19·2		235·5
29	21- 5-25- 5	13·5	5·2	9·3	30·5	0·0	15·9	5·3	10·6	25·4	2·7	23·3	15·0	19·1		0·3
30	26- 5-30- 5	17·3	0·5	8·9	44·6	0·0	20·2	-0·7	9·7	46·2	0·0	23·3	13·8	18·5		0·0
31	31- 5- 4- 6	14·3	-0·4	6·9	44·9	0·0	16·8	-1·5	7·6	47·8	0·0	21·9	15·2	18·5		0·0
32	5- 6- 9- 6	15·1	2·3	8·7	34·9	1·5	15·8	1·1	8·5	26·9	1·6	21·9	14·1	18·0		0·2
33	10- 6-14- 6	17·8	-1·0	8·4	49·4	0·0	19·7	-4·0	7·9	46·4	0·0	23·0	12·7	17·9		0·0
34	15- 6-19- 6	19·7	1·7	10·7	44·8	0·0	20·2	-2·8	8·7	45·9	0·0	23·7	13·0	18·3		0·0
35	20- 6-24- 6	18·2	1·1	9·7	48·5	0·0	19·3	-2·2	8·5	45·4	0·0	23·8	14·0	18·9		0·0
36	25- 6-29- 6	18·4	-1·5	8·5	49·0	0·0	19·5	-4·2	7·7	46·5	0·0	22·1	12·9	17·5		0·0
37	30- 6- 4- 7	16·3	2·7	9·5	28·3	10·0	18·2	1·2	9·7	33·4	0·0	23·3	14·2	18·7		2·7
38	5- 7- 9- 7	16·7	5·1	10·9	31·2	1·0	16·4	2·1	9·3	29·1	13·0	22·0	14·0	18·0		16·0
39	10- 7-14- 7	16·2	2·1	9·1	40·9	0·0	16·9	3·2	10·1	36·0	17·3	23·4	14·2	18·8		1·5
40	15- 7-19- 7	13·1	0·4	6·7	39·7	0·7	13·7	2·3	8·0	33·0	7·8	21·4	13·2	17·3		3·0
41	20- 7-24- 7	18·7	-0·4	9·1	51·2	0·0	19·7	-0·1	9·8	49·9	0·0	22·1	12·9	17·5		0·0
42	25- 7-29- 7	20·1	1·3	10·7	51·0	0·0	20·3	0·3	10·3	49·9	0·0	22·7	15·3	19·0		0·0
43	30- 7- 3- 8	18·2	0·9	9·5	51·4	0·0	19·2	-1·2	9·0	44·9	0·0	22·5	13·0	17·7		19·0
44	4- 8- 8- 8	15·7	-1·0	7·3	51·3	0·0	17·7	-1·2	8·3	50·3	0·0	20·7	13·2	16·9		0·0
45	9- 8-13- 8	21·4	2·9	12·1	50·9	0·0	21·3	-1·4	9·9	51·8	0·0	22·0	12·3	17·1		0·0
46	14- 8-18- 8	14·8	3·7	9·3	32·1	1·3	16·1	0·5	8·3	41·1	0·0	22·1	13·5	17·8		2·2
47	19- 8-23- 8	21·5	2·0	11·7	54·1	0·0	21·2	-1·9	9·7	54·2	0·0	22·8	12·5	17·7		0·0
48	24- 8-28- 8	24·2	3·8	14·0	54·9	0·0	24·2	0·2	12·2	54·7	0·0	24·4	16·1	20·3		8·0
49	29- 8- 2- 9	17·3	2·6	9·9	51·8	0·0	17·2	1·0	9·1	52·8	0·2	20·5	13·9	17·2		60·7
50	3- 9- 7- 9	26·5	5·4	15·9	54·2	0·0	26·3	0·3	13·3	54·7	0·0	22·8	14·2	18·5		0·0
51	8- 9-12- 9	20·0	3·1	11·5	49·0	0·0	22·3	2·7	12·5	55·0	4·5	21·2	14·8	18·0		30·9
52	13- 9-17- 9	22·6	3·6	13·1	56·1	0·0	21·4	1·0	11·2	53·3	0·0	21·7	13·1	17·4		2·3
53	18- 9-22- 9	25·7	7·7	16·7	46·1	0·0	27·0	6·8	16·9	53·1	0·0	22·2	16·6	19·4		2·2
54	23- 9-27- 9	27·8	8·1	17·9	50·0	0·0	27·3	4·8	16·1	52·6	0·0	21·6	16·1	18·9		12·0
55	28- 9- 2-10	28·6	11·5	20·1	35·8	0·0	29·2	9·6	19·4	34·1	3·3	24·6	17·6	21·1		8·5
56	3-10- 7-10	17·9	1·2	9·5	55·5	0·0	18·3	1·7	10·0	52·5	0·0	19·8	12·4	16·1		12·6
57	8-10-12-10	23·3	6·6	14·9	47·4	0·0	24·0	7·4	15·7	44·7	1·6	22·2	16·2	19·2		53·6
58	13-10-17-10	31·7	10·6	21·1	52·1	0·0	32·2	9·1	20·7	50·7	0·0	23·3	19·4	21·3		4·0
59	18-10-22-10	24·9	11·3	18·1	35·6	3·2	22·0	10·4	16·2	30·8	56·8	20·4	17·3	18·9		28·0
60	23-10-27-10	31·2	13·9	22·5	59·6	0·0	28·8	12·3	20·5	52·0	0·1	22·7	18·0	20·3		0·4
61	28-10- 1-11	24·7	9·5	17·1	53·4	0·0	25·8	11·2	18·5	54·5	0·8	23·8	19·1	21·5		13·5
62	2-11- 6-11	28·2	10·7	19·5	56·5	0·0	26·2	9·1	17·7	50·3	6·4	22·1	15·3	18·7		17·7
63	7-11-11-11	28·9	11·1	20·0	52·5	5·0	25·3	10·2	17·7	41·2	28·4	21·9	16·8	19·3		26·6
64	12-11-16-11	32·5	14·2	23·3	63·8	0·0	29·6	12·3	20·9	54·3	4·6	24·3	19·5	21·9		6·1
65	17-11-21-11	29·6	13·2	21·4	60·0	1·5	26·3	10·7	18·5	53·2	30·6	23·5	18·4	20·9		2·0
66	22-11-26-11	33·6	15·7	24·7	59·5	0·0	30·7	12·5	21·6	59·6	3·0	23·9	18·9	21·4		1·3
67	27-11- 1-12	32·9	16·8	24·9	46·0	0·0	30·3	13·9	22·1	41·2	7·2	23·7	19·7	21·7		26·9
68	2-12- 6-12	25·3	11·5	18·4	38·8	14·4	23·6	11·5	17·5	47·1	48·3	22·4	17·3	19·9		18·1
69	7-12-11-12	31·8	14·5	23·1	58·2	1·4	28·1	12·1	20·1	54·5	9·0	26·2	19·8	23·0		1·1
70	12-12-16-12	31·9	14·9	23·4	48·8	5·5	30·5	13·5	22·0	50·3	7·0	26·7	21·2	23·9		12·0
71	17-12-21-12	31·0	15·3	23·1	65·0	0·3	28·1	12·7	20·4	51·7	5·8	25·2	19·6	22·4		30·8
72	22-12-26-12	31·3	14·4	22·9	63·3	0·0	29·2	12·1	20·7	61·5	2·2	26·0	20·5	23·3		8·2
73	27-12-31-12	31·9	14·2	23·1	67·3	0·0	29·2	12·7	20·9	62·2	4·4	24·9	19·3	22·1		0·

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		VANWYKSVLEI 193/561 50°21'S H 958M 21°49'E					OKIEP 214/636 29°36'S H 918M 17°52'E					PRIESKA 224/450 29°40'S H 932M 22°45'E				
PT NO	DATUMS/DATES 1959	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM
1	1- 1- 5- 1	34.2	17.9	26.1	67.6	0.0	30.3	15.1	22.7	65.5	0.0	34.6	18.8	26.7	65.3	0.0
2	6- 1-10- 1	34.0	18.4	26.2	64.1	0.0	28.5	14.3	21.4	65.4	0.0	34.8	19.4	27.1	66.0	0.0
3	11- 1-15- 1	26.9	12.7	19.8	58.5	0.0	24.4	11.6	18.0	60.2	0.0	28.0	12.7	20.3	56.6	0.0
4	16- 1-20- 1	32.2	14.9	23.5	55.2	0.0	28.5	12.2	20.3	56.1	0.0	33.2	16.2	24.7	56.1	0.0
5	21- 1-25- 1	34.1	19.2	26.7	53.6	2.6	32.6	16.8	24.7	62.2	0.0	34.7	18.9	26.8	39.6	5.5
6	26- 1-30- 1	33.7	17.1	25.4	51.4	3.5	31.3	14.7	23.0	63.0	0.0	34.2	17.8	26.0	53.3	30.1
7	31- 1- 4- 2	37.0	20.1	28.5	62.3	0.0	33.3	19.0	26.1	62.2	0.0	37.3	20.2	28.7	58.7	0.0
8	5- 2- 9- 2	35.5	20.3	27.9	54.1	0.0	31.2	15.5	23.3	63.0	0.0	36.3	21.5	28.9	49.5	0.0
9	10- 2-14- 2	31.5	20.3	25.9	37.5	21.0	28.2	17.8	23.0	47.6	3.5	33.0	19.7	26.3	32.5	31.0
10	15- 2-19- 2	29.5	16.8	23.1	50.9	0.0	26.6	12.8	19.7	59.1	1.5	29.5	17.2	23.3	44.8	4.2
11	20- 2-24- 2	34.4	17.0	25.7	59.2	0.0	34.4	18.0	26.2	60.9	0.0	34.4	17.1	25.7	59.6	0.0
12	25- 2- 1- 3	34.4	16.5	25.5	53.6	0.0	30.8	15.1	22.9	59.6	0.0	36.3	18.2	27.3	55.2	0.0
13	2- 3- 6- 3	32.0	17.1	24.5	53.5	1.3	27.6	14.0	20.8	51.8	0.0	33.3	18.7	26.0	52.5	0.0
14	7- 3-11- 3	29.0	14.2	21.6	57.9	0.0	25.7	13.8	19.7	47.5	0.0	31.2	16.2	23.7	57.3	0.0
15	12- 3-16- 3	31.5	16.7	24.1	49.2	14.7	32.7	21.4	27.1	54.0	0.0	31.3	15.8	23.5	44.8	11.3
16	17- 3-21- 3	24.3	10.5	17.4	53.4	10.4	25.2	11.2	18.2	52.6	0.0	26.2	9.8	18.0	52.3	0.2
17	22- 3-26- 3	33.4	14.2	23.8	57.5	0.0	31.5	14.9	23.2	56.1	0.0	35.3	12.3	23.8	57.0	0.0
18	27- 3-31- 3	33.6	15.2	24.4	51.7	0.0	29.4	12.9	21.1	54.9	0.0	35.7	17.0	26.3	43.8	0.0
19	1- 4- 5- 4	27.5	13.0	20.3	51.9	0.0	24.8	11.0	17.9	51.0	0.4	30.0	13.4	21.7	51.5	0.0
20	6- 4-10- 4	23.7	8.0	15.9	50.4	0.0	23.5	11.4	17.5	41.6	1.0	26.2	7.6	16.9	51.1	0.0
21	11- 4-15- 4	29.1	11.5	20.3	49.0	0.0	28.1	11.5	19.8	44.0	0.0	30.8	11.7	21.3	49.3	0.0
22	16- 4-20- 4	29.7	14.8	22.3	38.3	0.0	28.1	17.0	22.5	42.8	2.1	30.3	12.9	21.6	41.3	0.6
23	21- 4-25- 4	22.9	8.1	15.5	47.5	0.0	21.1	8.5	14.8	49.9	0.0	25.4	9.2	17.3	48.1	0.0
24	26- 4-30- 4	18.9	8.4	13.7	29.7	8.4	16.0	9.1	12.5	21.0	14.2	19.6	8.0	13.8	23.9	15.7
25	1- 5- 5- 5	18.9	4.5	11.7	45.7	0.0	17.0	6.9	11.9	45.5	0.0	19.2	4.1	11.7	47.2	0.0
26	6- 5-10- 5	18.9	6.1	12.5	45.6	0.0	14.1	7.6	10.9	24.1	12.3	20.8	6.3	13.5	45.1	0.0
27	11- 5-15- 5	15.8	5.6	10.7	39.9	16.5	13.6	6.2	9.9	30.2	9.7	16.9	7.7	12.3	33.2	20.8
28	16- 5-20- 5	19.0	5.2	12.1	45.9	0.0	16.7	7.9	12.3	38.9	17.1	19.9	5.0	12.5	49.5	0.0
29	21- 5-25- 5	13.8	5.7	9.7	27.9	2.6	11.4	6.6	9.0	13.3	43.1	15.8	5.5	10.7	37.8	2.4
30	26- 5-30- 5	17.5	1.5	9.5	40.5	0.0	15.9	6.4	11.1	32.3	7.7	19.9	1.1	10.5	43.2	0.0
31	31- 5- 4- 6	15.1	0.7	7.9	43.9	0.0	14.2	5.8	10.0	34.6	0.0	16.6	0.8	8.7	47.6	0.0
32	5- 6- 9- 6	17.1	5.3	11.2	29.3	0.1	18.5	9.0	13.7	29.1	0.3	18.4	5.7	12.1	30.6	0.0
33	10- 6-14- 6	20.2	1.4	10.8	48.9	0.0	21.4	11.2	16.3	46.3	0.0	20.7	-1.3	9.7	46.8	0.0
34	15- 6-19- 6	21.7	5.0	13.3	39.5	0.0	22.3	10.6	16.5	41.9	0.0	21.5	0.2	10.9	44.2	0.0
35	20- 6-24- 6	20.2	3.7	11.9	47.9	0.0	18.4	7.9	13.1	39.7	9.2	21.3	0.9	11.1	47.8	0.0
36	25- 6-29- 6	20.3	0.9	10.6	48.4	0.0	20.1	9.2	14.7	47.1	0.0	20.4	-2.4	9.0	47.3	0.0
37	30- 6- 4- 7	18.4	7.4	12.9	29.8	0.0	18.6	8.7	13.7	38.6	0.2	18.4	3.2	10.8	28.9	30.3
38	5- 7- 9- 7	19.9	6.6	13.3	41.8	0.0	20.1	7.2	13.7	46.1	0.0	18.2	6.6	12.4	30.4	0.2
39	10- 7-14- 7	17.3	3.3	10.3	44.0	0.0	14.5	5.7	10.1	23.8	10.4	17.9	4.0	10.9	45.1	0.0
40	15- 7-19- 7	15.1	1.4	8.3	44.3	5.0	13.5	5.5	9.5	38.6	19.5	15.1	1.8	8.5	40.2	2.4
41	20- 7-24- 7	19.1	-0.2	9.5	50.0	0.0	16.2	3.3	9.7	47.3	0.0	20.8	0.3	10.5	49.3	0.0
42	25- 7-29- 7	21.3	1.8	11.5	50.0	0.0	20.9	7.3	14.1	48.5	0.0	21.6	0.3	10.9	49.1	0.0
43	30- 7- 3- 8	19.9	2.0	10.9	50.1	0.0	20.3	8.0	14.1	49.2	0.0	20.6	1.5	11.1	50.9	0.0
44	4- 8- 8- 8	16.5	-0.3	8.1	50.8	0.0	12.6	2.6	7.6	35.0	0.0	16.9	1.7	9.3	51.6	0.0
45	9- 8-13- 8	22.8	6.5	14.7	48.2	0.0	23.4	11.9	17.7	48.2	0.0	23.6	2.5	13.1	51.0	0.0
46	14- 8-18- 8	16.4	4.2	10.3	36.8	0.2	12.9	5.1	9.0	30.8	19.6	18.1	5.4	11.7	39.5	0.0
47	19- 8-23- 8	23.3	2.9	13.1	53.7	0.0	23.3	11.2	17.3	52.5	0.0	23.7	0.7	12.2	54.3	0.0
48	24- 8-28- 8	26.1	5.0	15.5	54.1	0.0	25.4	8.1	16.7	52.8	0.0	27.2	3.3	15.3	55.0	0.0
49	29- 8- 2- 9	18.4	2.6	10.5	51.1	0.1	15.8	6.4	11.1	43.7	7.1	19.5	3.3	11.4	51.0	0.0
50	3- 9- 7- 9	27.6	4.7	16.1	54.2	0.0	25.6	8.1	16.9	53.5	0.0	29.1	4.5	16.8	55.2	0.0
51	8- 9-12- 9	20.8	3.8	12.3	49.6	0.0	17.0	6.2	11.6	48.4	5.0	22.4	5.0	13.7	48.9	0.1
52	13- 9-17- 9	23.9	3.4	13.7	56.1	0.0	24.3	7.6	15.9	54.6	0.0	25.0	2.9	13.9	56.0	0.0
53	18- 9-22- 9	26.5	9.5	18.0	48.3	0.0	24.3	10.3	17.3	42.9	0.4	27.5	8.6	18.1	52.1	0.0
54	23- 9-27- 9	29.6	10.3	19.9	55.8	0.0	28.8	11.4	20.1	55.5	0.0	31.0	7.8	19.4	52.5	0.0
55	28- 9- 2-10	27.2	12.4	19.8	44.7	0.0	23.1	10.6	16.9	-	0.0	30.8	13.7	22.3	37.6	0.0
56	3-10- 7-10	19.7	3.4	11.5	57.8	0.0	19.3	7.5	13.4	53.4	0.0	20.7	2.8	11.7	56.1	0.0
57	8-10-12-10	22.7	9.0	15.9	51.1	12.7	21.4	7.5	14.5	52.6	0.0	25.0	8.1	16.5	50.5	4.7
58	13-10-17-10	31.1	11.4	21.3	53.6	0.0	25.8	8.9	17.3	56.8	0.0	34.6	11.5	23.1	54.3	0.0
59	18-10-22-10	26.2	13.0	19.6	36.2	0.3	24.1	11.2	17.7	45.8	0.0	29.2	13.1	21.1	41.6	4.2
60	23-10-27-10	32.5	14.6	23.5	57.0	0.6	27.9	10.9	19.4	59.0	0.0	34.6	15.1	24.9	56.1	0.5
61	28-10- 1-11	24.6	9.8	17.2	49.9	0.0	19.3	7.6	13.5	46.1	4.3	28.2	12.2	20.2	57.5	0.0
62	2-11- 6-11	30.1	12.7	21.4	59.5	0.0	27.6	11.6	19.6	62.3	0.0	31.5	13.9	22.6	56.8	0.0
63	7-11-11-11	31.1	14.7	22.9	62.0	0.0	24.9	9.8	17.3	62.8	0.0	32.0	14.4	23.2	52.4	6.4
64	12-11-16-11	34.0	15.9	24.9	65.0	0.0	27.7	10.5	19.1	61.3	0.0	35.9	15.8	25.9	58.5	1.3
65	17-11-21-11	30.8	16.3	23.5	57.4	9.7	28.9	14.5	21.7	62.6	0.0	31.1	16.3	23.7	58.2	23.5
66	22-11-26-11	35.4	19.6	27.5	58.2	0.0	33.5	19.2	26.3	62.7	0.0	36.5	19.2	27.9	57.7	0.0
67	27-11- 1-12	33.8	18.6	26.2	54.8	0.0	28.5	14.6	21.5	62.8	0.0	35.1	19.9	27.5	46.2	0.0
68	2-12- 6-12	28.3	15.2	21.7	51.4	9.5	25.6	12.9	19.3	53.3	6.5	28.1	15.7	21.9	39.7	24.7
69	7-12-11-12	33.4	16.5	24.9	66.7	0.0	28.7	12.1	20.4	66.1	0.5	33.7	16.5	25.1	61.2	17.0
70	12-12-16-12	32.2	17.6	24.9	48.3	1.1	29.7	15.0	22.3	62.9	2.2	32.9	18.8	25.9	46.0	5.2
71	17-12-21-12	31.7	16.3	24.0	67.4	0.0	27.0	12.8	19.9	61.2	0.0	32.8	17.9	25.3	65.1	0.0
72	22-12-26-12	33.8	17.9	25.9	68.0	0.0	29.5	15.0	22.3	64.6	0.0	34.4	18.6	26.5	65.4	0.0
73	27-12-31-12	34.3	18.5	26.4	68.3	0.0	34.0	17.8	25.9	62.8	0.0	35.4	18.4	26.9	65.0	0.0

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		FAURESMITH 229/556 29°46'S H1382M 25°19'E					WEPENER 233/ 44 29°44'S H1426M 27°02'E					CEDARA 239/482 29°32'S H1063M 30°17'E				
PT ND	DATUMS/DATES 1 9 5 9	TX °C	TN °C	TM °C	SS HU	R MM	TX °C	TN °C	TM °C	SS HU	R MM	TX °C	TN °C	TM °C	SS HU	R MM
1	1• 1- 5• 1	29•5	12•7	21•1	58•7	2•0	29•2	14•4	21•8	58•8	0•7	24•8	14•3	19•5	29•6	34•2
2	6• 1-10• 1	30•4	14•4	22•4	58•0	3•0	28•8	15•3	22•1	51•6	29•8	23•2	14•4	18•8	20•8	37•4
3	11• 1-15• 1	23•9	7•9	15•9	59•2	0•2	24•0	7•8	15•9	59•7	0•1	20•7	11•4	16•1	35•6	12•5
4	16• 1-20• 1	30•0	12•4	21•2	53•8	0•0	30•3	10•3	20•3	52•9	0•3	25•5	13•4	19•5	35•8	3•6
5	21• 1-25• 1	28•8	15•1	21•9	33•3	13•3	27•6	13•8	20•7	33•3	6•2	27•5	15•2	21•3	25•9	2•0
6	26• 1-30• 1	27•8	14•4	21•1	38•5	8•5	27•5	14•1	20•8	38•2	22•6	26•3	15•0	20•7	26•8	40•4
7	31• 1- 4• 2	30•8	15•1	22•9	57•5	7•1	29•5	14•4	21•9	56•5	90•0	25•1	14•7	19•9	30•9	1•0
8	5• 2- 9• 2	29•9	16•6	23•3	48•2	70•0	28•2	16•9	22•5	45•1	19•6	26•9	16•2	21•5	26•1	9•3
9	10• 2-14• 2	26•4	15•6	21•0	25•2	15•3	25•8	15•8	20•8	31•7	22•5	25•0	14•7	19•9	30•1	55•6
10	15• 2-19• 2	24•1	13•4	18•7	37•0	0•0	24•4	14•0	19•2	28•8	22•5	22•4	14•3	18•3	17•8	67•4
11	20• 2-24• 2	28•4	11•9	20•1	58•4	0•0	28•5	11•6	20•1	61•1	0•0	23•2	12•9	18•1	33•8	2•2
12	25• 2- 1• 3	31•8	12•5	22•1	54•2	0•3	32•4	12•7	22•5	57•2	1•5	27•7	14•0	20•9	50•7	24•0
13	2• 3- 6• 3	28•3	14•5	21•4	41•5	0•3	28•8	14•6	21•7	34•0	1•5	25•9	15•3	20•6	21•4	30•2
14	7• 3-11• 3	26•6	12•5	19•5	42•7	6•0	26•6	12•0	19•3	42•2	20•6	21•3	14•2	17•7	9•2	7•9
15	12• 3-16• 3	27•9	11•7	19•8	46•5	4•5	27•2	11•0	19•1	50•1	7•8	25•9	12•2	19•1	44•7	2•2
16	17• 3-21• 3	20•9	7•1	14•0	45•2	8•0	21•3	7•1	14•2	42•9	19•5	21•8	9•5	15•7	36•4	5•5
17	22• 3-26• 3	30•4	9•5	19•9	54•5	0•0	29•7	7•7	18•7	55•3	0•0	26•9	10•1	18•5	51•3	0•0
18	27• 3-31• 3	30•6	13•2	21•9	42•2	3•0	29•7	15•6	22•7	42•5	6•7	30•4	13•6	22•0	44•6	0•5
19	1• 4- 5• 4	26•9	8•1	17•5	50•0	0•5	27•8	9•3	18•5	49•2	0•4	27•0	11•7	19•3	38•6	2•0
20	6• 4-10• 4	22•9	3•0	12•9	49•0	0•2	24•3	2•5	13•4	48•7	3•1	25•7	10•1	17•9	41•5	1•3
21	11• 4-15• 4	24•4	6•9	15•7	37•9	6•0	25•0	7•5	16•3	38•9	5•7	27•3	13•1	20•2	43•1	5•6
22	16• 4-20• 4	25•9	9•6	17•7	48•6	0•0	27•1	8•3	17•7	50•9	0•0	25•1	10•0	17•5	43•5	0•0
23	21• 4-25• 4	22•1	7•9	15•0	40•3	9•2	23•8	11•2	17•5	35•0	13•9	23•4	10•2	16•8	34•2	33•7
24	26• 4-30• 4	17•1	6•7	11•9	21•1	26•4	18•9	8•9	13•9	26•2	44•8	22•0	10•1	16•1	32•7	12•3
25	1• 5- 5• 5	15•7	2•0	8•9	47•4	0•2	15•9	3•0	9•5	40•6	12•0	17•8	2•2	10•0	32•2	36•2
26	6• 5-10• 5	18•5	1•6	10•1	43•6	0•1	20•6	3•8	12•2	43•1	4•4	23•5	4•1	13•8	47•2	0•0
27	11• 5-15• 5	14•0	5•5	9•7	21•7	21•5	16•9	7•2	12•1	31•0	13•3	20•1	8•7	14•4	27•0	12•1
28	16• 5-20• 5	15•4	3•2	9•3	35•2	3•0	16•5	4•3	10•4	24•5	7•3	16•8	7•0	11•9	20•8	165•2
29	21• 5-25• 5	12•5	4•1	8•3	27•5	2•0	15•4	4•7	10•1	31•0	0•7	20•6	2•7	11•7	48•2	0•3
30	26• 5-30• 5	17•5	-1•3	8•1	42•7	0•0	19•5	1•2	10•3	42•4	0•0	22•0	3•3	12•7	47•3	0•0
31	31• 5- 4• 6	15•0	-1•9	6•5	41•3	0•0	18•2	-1•9	8•1	43•4	0•1	18•2	6•1	12•1	33•9	0•1
32	5• 6- 9• 6	15•3	0•8	8•1	30•6	0•2	16•8	1•2	9•0	27•6	0•6	19•6	4•2	11•9	30•7	0•3
33	10• 6-14• 6	17•3	-2•7	7•3	45•4	0•0	19•6	-4•9	7•3	43•6	0•0	22•1	-0•1	11•0	45•6	0•0
34	15• 6-19• 6	17•7	-1•9	7•9	43•4	0•0	19•3	-4•0	7•7	42•2	0•0	20•6	0•3	10•5	45•2	0•0
35	20• 6-24• 6	16•7	-1•8	7•5	43•9	0•0	18•5	-3•3	7•6	43•8	0•0	22•1	1•1	11•6	44•4	0•2
36	25• 6-29• 6	16•8	-3•9	6•5	45•0	0•0	18•0	-4•8	6•6	44•5	0•0	19•6	-0•4	9•6	45•5	0•0
37	30• 6- 4• 7	15•1	1•2	8•1	30•5	2•5	16•8	0•2	8•5	25•8	0•0	19•0	1•9	10•5	40•3	0•2
38	5• 7- 9• 7	16•1	3•0	9•5	26•3	5•2	17•4	2•7	10•1	27•6	1•7	18•7	6•1	12•4	27•6	4•5
39	10• 7-14• 7	15•5	1•9	8•7	34•4	3•9	16•5	3•6	10•1	32•7	27•4	21•7	4•7	13•2	38•7	2•2
40	15• 7-19• 7	11•8	-0•1	5•9	36•2	2•9	12•8	0•8	6•8	31•6	13•1	17•6	3•0	10•3	31•0	0•0
41	20• 7-24• 7	17•4	-2•6	7•4	43•8	0•0	18•5	2•1	10•3	47•0	0•0	21•1	0•3	10•7	47•9	0•0
42	25• 7-29• 7	18•6	-1•5	8•5	46•9	0•0	19•0	0•0	9•5	47•0	0•0	19•4	3•8	11•6	38•3	0•0
43	30• 7- 3• 8	17•2	-2•5	7•3	48•5	0•0	18•5	-2•4	8•1	43•0	0•0	19•6	0•6	10•1	43•8	0•4
44	4• 8- 8• 8	14•8	-1•5	6•7	49•0	0•0	17•2	-0•6	8•3	46•2	0•0	17•8	2•7	10•3	33•4	0•0
45	9• 8-13• 8	18•8	-1•3	8•7	49•0	0•0	20•1	-2•6	8•7	49•7	0•0	22•2	0•8	11•5	49•5	0•0
46	14• 8-18• 8	14•2	0•6	7•4	39•0	0•2	16•9	0•8	8•9	43•1	0•0	21•0	3•2	12•1	45•1	4•8
47	19• 8-23• 8	19•8	-2•5	8•7	51•4	0•0	20•2	-3•0	8•6	52•1	0•0	20•5	1•8	11•1	52•0	0•0
48	24• 8-28• 8	22•8	-0•2	11•3	52•3	0•0	23•6	-1•4	11•1	53•2	0•0	24•4	4•6	14•5	51•4	0•0
49	29• 8- 2• 9	16•5	-0•2	8•1	50•4	0•0	17•7	-1•1	8•3	52•4	0•0	17•6	3•7	10•7	35•4	17•5
50	3• 9- 7• 9	24•7	2•1	13•4	52•4	0•0	25•3	1•9	13•6	54•7	0•0	25•8	4•1	14•9	52•1	0•0
51	8• 9-12• 9	20•3	1•1	10•7	51•7	0•0	22•3	2•8	12•5	51•2	4•3	21•8	7•8	14•8	33•3	10•8
52	13• 9-17• 9	20•5	1•8	11•1	52•2	0•0	20•8	1•6	11•2	47•4	0•6	18•1	3•7	10•9	44•8	5•7
53	18• 9-22• 9	24•5	8•1	16•3	51•6	0•0	25•7	7•8	16•7	48•5	0•0	27•0	8•3	17•7	43•6	0•3
54	23• 9-27• 9	26•3	5•7	16•0	52•8	0•0	26•8	5•7	16•3	52•4	0•0	23•6	9•2	16•4	38•2	0•1
55	28• 9- 2•10	28•9	10•7	19•8	38•8	3•1	29•4	12•5	20•9	42•3	0•2	30•8	10•3	20•5	45•4	0•1
56	3•10- 7•10	16•5	1•1	8•8	54•0	0•0	17•9	0•8	9•3	50•3	0•0	17•6	4•7	11•1	41•7	5•3
57	8•10-12•10	21•9	5•0	13•5	46•0	1•8	23•4	6•0	14•7	46•2	8•6	21•4	10•5	15•9	30•3	10•8
58	13•10-17•10	31•8	10•4	21•1	51•3	0•0	32•2	9•7	20•9	51•0	0•0	28•7	12•5	20•6	40•3	2•3
59	18•10-22•10	24•0	10•3	17•1	37•2	17•7	24•9	12•3	18•6	35•8	27•8	18•4	10•8	14•6	16•8	58•7
60	23•10-27•10	28•0	13•3	20•7	53•7	0•4	28•7	13•7	21•2	52•0	0•0	23•3	12•3	17•8	38•5	0•8
61	28•10- 1•11	24•4	11•7	18•1	56•4	0•3	26•8	13•2	20•0	58•6	0•3	25•2	12•9	19•1	28•3	9•2
62	2•11- 6•11	26•3	11•0	18•7	48•2	0•6	26•1	12•0	19•1	48•8	6•5	21•4	8•8	15•1	30•1	10•5
63	7•11-11•11	25•0	10•0	17•5	43•2	13•0	24•7	12•0	18•3	43•4	37•5	21•0	11•9	16•5	18•5	59•5
64	12•11-16•11	28•8	13•4	21•1	56•6	2•8	28•9	12•8	20•9	57•0	0•4	23•4	13•2	18•3	27•4	9•7
65	17•11-21•11	26•2	11•9	19•1	54•9	5•0	27•1	11•1	19•1	45•9	4•9	21•3	12•6	16•9	18•4	18•6
66	22•11-26•11	30•7	13•7	22•2	52•9	0•1	30•6	14•4	22•5	55•4	7•2	23•8	13•9	18•9	34•4	2•7
67	27•11- 1•12	29•8	15•3	22•5	41•0	4•9	30•1	15•0	22•5	38•9	23•0	23•8	13•9	18•9	23•9	5•3
68	2•12- 6•12	22•7	12•1	17•4	41•1	43•0	23•8	13•4	18•6	47•1	55•5	21•7	12•2	16•9	15•8	17•3
69	7•12-11•12	27•2	13•9	20•5	49•9	2•0	25•3	13•5	19•4	46•5	19•0	25•5	13•1	19•3	31•2	2•8
70	12•12-16•12	28•4	15•3	21•9	47•7	9•0	29•8	14•7	22•3	51•7	15•2	28•2	13•7	20•9	38•3	33•4
71	17•12-21•12	26•9	14•1	20•5	51•5	0•4	26•3	14•2	20•3	46•6	22•8	23•6	13•8	18•7	22•8	32•4
72	22•12-26•12	29•0	13•4	21•2	50•2	3•5	28•6	13•5	21•1	59•0	0•0	22•5	14•0	18•3	25•0	19•1
73	27•12-31•12	30•2	13•9	22•1	61•8	0•0	28•7	13•2	20•9	57•0	9•4	21•2	13•8	17•5	26•2	5•1

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		LOUIS BOTHA 240/808 29°58'S 30°57'E 8M					MOUNT EDGECOMBE 241/ 72 29°42'S 31°03'E 104M					PORT NOLLOTH 242/644 29°14'S 16°52'E 4M				
PT NO	DATUMS/DATES 1959	TX °C	TN °C	TM °C	SS HU	R MM	TX °C	TN °C	TM °C	SS HU	R MM	TX °C	TN °C	TM °C	SS HU	R MM
1	1- 1- 5- 1	27·3	19·7	23·5	28·7	83·6	27·6	18·1	22·9	28·2	23·1	19·1	11·7	15·4		0·0
2	6- 1-10- 1	27·1	20·5	23·8	21·5	11·7	26·1	19·5	22·8	25·4	21·9	19·2	12·8	16·0		0·0
3	11- 1-15- 1	25·8	18·9	22·3	38·2	0·6	24·5	17·8	21·1	38·6	0·0	17·6	11·0	14·3		0·5
4	16- 1-20- 1	26·0	18·9	22·5	16·7	8·8	25·7	18·6	22·1	13·7	8·9	18·6	11·6	15·1		0·0
5	21- 1-25- 1	28·0	21·3	24·7	27·0	1·9	28·1	20·7	24·4	33·2	1·2	17·8	11·4	14·6		0·5
6	26- 1-30- 1	28·0	20·2	24·1	27·2	18·6	28·4	19·2	23·8	29·0	19·8	18·6	11·6	15·1		0·0
7	31- 1- 4- 2	27·4	20·0	23·7	27·4	2·1	26·5	20·3	23·4	25·5	9·3	19·3	12·8	16·1		0·0
8	5- 2- 9- 2	28·6	21·0	24·8	24·5	32·2	28·3	21·3	24·8	23·9	6·5	18·5	11·7	15·1		0·0
9	10- 2-14- 2	27·9	19·7	23·8	34·0	0·0	27·6	19·5	23·5	39·8	0·0	19·1	14·2	16·7		0·0
10	15- 2-19- 2	26·5	19·6	23·1	22·2	35·0	25·9	20·0	22·9	19·5	66·0	20·8	15·9	18·3		0·0
11	20- 2-24- 2	26·7	16·5	21·6	45·8	0·0	25·9	17·9	21·9	47·2	0·0	17·6	11·6	14·6		0·0
12	25- 2- 1- 3	29·2	20·4	24·8	50·9	1·2	29·1	19·7	24·4	53·9	0·0	17·8	12·6	15·2		0·0
13	2- 3- 6- 3	29·0	22·3	25·7	25·6	1·1	28·7	21·4	25·1	24·3	0·1	18·9	14·0	16·5		1·0
14	7- 3-11- 3	26·0	20·1	23·1	9·7	10·3	24·7	19·7	22·2	9·7	10·2	19·3	14·4	16·9		0·0
15	12- 3-16- 3	28·2	17·6	22·9	47·2	0·9	27·3	17·3	22·3	47·2	7·1	25·2	13·0	19·1		0·0
16	17- 3-21- 3	25·6	16·8	21·2	37·9	9·8	24·7	16·6	20·7	39·2	0·0	20·2	10·2	15·2		0·0
17	22- 3-26- 3	28·2	16·4	22·3	47·4	0·3	27·7	16·6	22·1	47·7	0·0	18·3	10·5	14·4		0·0
18	27- 3-31- 3	30·1	20·5	25·3	42·1	0·4	28·7	20·1	24·4	41·9	0·0	18·7	11·7	15·2		0·0
19	1- 4- 5- 4	28·0	20·2	24·1	31·7	0·0	27·4	18·9	23·1	31·8	0·0	18·0	12·4	15·2		0·7
20	6- 4-10- 4	27·7	17·5	22·6	43·2	2·7	27·3	17·5	22·4	41·2	4·3	16·9	8·4	12·7		1·4
21	11- 4-15- 4	28·2	20·2	24·2	34·1	4·7	27·7	19·4	23·5	36·5	0·0	17·4	12·1	14·7		0·0
22	16- 4-20- 4	28·3	17·5	22·9	39·9	0·0	27·5	17·2	22·3	42·8	14·6	20·4	13·7	17·1		0·0
23	21- 4-25- 4	24·0	15·8	19·9	31·0	15·8	23·5	15·7	19·6	31·5	4·5	19·5	8·9	14·2		0·0
24	26- 4-30- 4	25·3	17·1	21·2	28·8	9·5	25·8	17·2	21·5	27·8	0·0	15·2	9·9	12·5		5·1
25	1- 5- 5- 5	23·6	11·6	17·6	31·7	29·2	23·2	12·5	17·9	22·5	38·1	17·8	8·4	13·1		2·2
26	6- 5-10- 5	25·7	12·6	19·1	47·5	0·0	25·8	14·3	20·1	46·2	0·0	16·5	10·8	13·7		0·4
27	11- 5-15- 5	24·8	17·2	21·0	22·5	1·8	24·6	16·6	20·6	21·5	8·4	16·3	9·3	12·8		3·7
28	16- 5-20- 5	22·5	14·7	18·6	19·6	121·2	21·4	13·8	17·6	19·8	70·5	23·1	11·1	17·1		12·0
29	21- 5-25- 5	25·2	11·3	18·3	45·4	0·0	24·6	12·8	18·7	43·1	1·0	14·7	11·2	12·9		14·5
30	26- 5-30- 5	25·0	10·3	17·7	46·6	0·0	24·2	13·0	18·6	45·1	0·0	15·3	10·7	13·0		2·4
31	31- 5- 4- 6	22·8	12·8	17·8	27·5	0·0	22·3	13·5	17·9	32·3	0·4	17·9	9·2	13·5		0·0
32	5- 6- 9- 6	23·5	11·0	17·3	32·6	0·0	23·1	13·4	18·3	28·9	0·0	16·4	11·2	13·8		0·4
33	10- 6-14- 6	23·5	7·6	15·5	47·0	0·0	23·3	10·8	17·1	43·9	0·0	24·8	12·4	18·6		0·0
34	15- 6-19- 6	24·5	7·4	15·9	45·6	0·0	24·2	11·9	18·1	43·5	0·0	13·3	9·5	11·4		0·9
35	20- 6-24- 6	23·7	7·1	15·4	41·1	0·0	24·0	11·7	17·9	38·3	0·0	15·3	8·1	11·7		0·0
36	25- 6-29- 6	23·7	8·4	16·1	44·9	0·0	23·3	11·3	17·3	43·0	0·0	24·0	9·3	16·7		0·0
37	30- 6- 4- 7	24·1	9·9	17·0	42·5	3·7	24·0	12·6	18·3	40·9	0·0	19·3	9·3	14·3		0·0
38	5- 7- 9- 7	22·6	11·8	17·2	27·8	100·3	22·5	13·7	18·1	26·7	16·0	18·0	7·4	12·7		0·0
39	10- 7-14- 7	25·3	10·7	18·0	38·8	4·2	24·7	13·7	19·2	38·9	2·0	13·2	8·0	10·6		3·2
40	15- 7-19- 7	21·8	11·5	16·7	29·2	2·2	20·7	12·5	16·6	27·4	3·2	17·9	8·0	12·8		1·7
41	20- 7-24- 7	22·9	8·9	15·9	45·7	0·0	23·1	10·5	16·8	45·2	0·0	16·1	7·8	11·9		0·0
42	25- 7-29- 7	23·6	12·1	17·9	40·9	0·0	23·5	13·6	18·5	38·9	0·0	19·7	7·8	13·7		0·0
43	30- 7- 3- 8	24·2	9·0	16·6	45·1	3·0	23·5	11·4	17·5	45·3	1·0	22·6	8·6	15·6		0·0
44	4- 8- 8- 8	21·4	10·9	16·1	35·4	0·0	21·0	12·0	16·5	33·9	0·0	14·2	5·5	9·9		0·0
45	9- 8-13- 8	24·0	8·2	16·1	49·1	0·0	23·7	10·7	17·2	47·2	0·0	20·5	9·9	15·2		0·0
46	14- 8-18- 8	24·1	10·6	17·3	42·0	7·4	23·5	12·2	17·9	37·2	3·0	16·1	7·7	11·9		2·0
47	19- 8-23- 8	24·0	9·9	16·9	44·7	0·0	23·6	11·3	17·5	43·8	0·0	28·6	14·8	21·7		0·0
48	24- 8-28- 8	24·4	12·4	18·4	34·4	5·5	24·6	13·5	19·1	35·8	1·3	15·1	8·1	11·6		0·0
49	29- 8- 2- 9	22·0	11·5	16·7	19·8	64·5	22·0	12·8	17·4	20·7	67·0	20·9	9·9	15·4		0·8
50	3- 9- 7- 9	23·9	11·2	17·5	47·6	0·0	23·3	12·0	17·7	45·2	0·0	16·9	9·3	13·1		0·0
51	8- 9-12- 9	22·7	14·0	18·3	28·5	21·6	22·8	14·5	18·7	31·2	20·0	15·8	9·6	12·7		2·2
52	13- 9-17- 9	22·0	10·8	16·4	44·2	8·0	20·9	11·7	16·3	42·1	8·0	20·9	7·2	14·1		0·0
53	18- 9-22- 9	25·2	14·9	20·1	42·2	0·7	25·2	14·2	19·7	43·0	0·0	16·9	10·2	13·5		0·0
54	23- 9-27- 9	23·1	15·0	19·1	35·4	5·5	23·1	14·9	19·0	37·4	5·0	18·9	9·1	14·0		1·8
55	28- 9- 2-10	26·0	16·4	21·2	36·9	0·3	26·5	16·7	21·6	37·2	2·6	16·7	9·7	13·2		0·0
56	3-10- 7-10	21·3	12·3	16·8	36·0	13·4	20·2	13·7	16·9	38·3	26·0	19·0	7·9	13·5		0·0
57	8-10-12-10	24·3	15·8	20·1	25·0	0·4	24·0	16·1	20·1	27·3	6·9	16·0	10·8	13·4		0·0
58	13-10-17-10	25·5	19·0	22·3	22·7	4·5	25·1	18·3	21·7	28·6	4·6	18·6	10·8	14·7		0·0
59	18-10-22-10	21·9	17·2	19·5	13·2	57·5	20·8	16·8	18·8	16·8	57·0	17·3	11·4	14·3		0·0
60	23-10-27-10	24·5	17·0	20·7	34·9	4·1	24·0	16·8	20·4	36·8	4·8	17·4	11·0	14·2		0·3
61	28-10- 1-11	25·5	19·4	22·5	23·4	3·9	25·3	18·5	21·9	19·9	3·7	16·8	10·5	13·7		0·3
62	2-11- 6-11	23·4	15·4	19·4	29·4	7·7	23·2	14·8	19·0	29·2	3·0	21·9	9·9	15·9		0·0
63	7-11-11-11	23·5	16·6	20·1	13·2	35·2	22·8	16·5	19·7	17·0	33·2	16·9	10·9	13·9		0·0
64	12-11-16-11	26·1	19·5	22·8	24·8	3·2	26·0	19·1	22·5	21·8	20·1	17·7	13·0	15·3		0·0
65	17-11-21-11	25·4	18·4	21·9	22·4	0·3	24·8	17·9	21·3	24·3	1·0	17·0	11·6	14·3		1·1
66	22-11-26-11	25·8	17·6	21·7	36·5	1·5	25·0	17·9	21·5	38·0	0·4	17·4	11·7	14·5		0·2
67	27-11- 1-12	25·9	19·1	22·5	18·2	31·1	25·4	18·6	22·0	18·5	18·5	17·7	10·8	14·3		0·0
68	2-12- 6-12	23·9	17·2	20·5	9·8	21·8	23·4	16·9	20·1	10·3	32·0	18·6	13·2	15·9		0·0
69	7-12-11-12	27·2	19·3	23·3	31·8	0·7	27·2	19·1	23·1	32·0	2·2	18·1	10·7	14·4		0·0
70	12-12-16-12	28·6	20·5	24·5	45·3	2·9	28·9	19·2	24·1	41·2	9·0	17·6	12·1	14·9		2·4
71	17-12-21-12	26·4	18·8	22·6	26·4	39·9	25·9	18·4	22·1	27·0	35·5	17·9	11·8	14·9		0·0
72	22-12-26-12	26·3	20·5	23·4	25·8	2·5	25·4	20·0	22·7	20·5	15·3	18·2	12·4	15·3		0·0
73	27-12-31-12	26·1	19·4	22·7	23·1	1·6	25·2	18·6	21·9	19·1	2·5	18·4	12·9	15·7		0·0

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		POFADDER 247/668 29°08'S H 996M 19°23'E					BLOEMFONTEIN 261/307 29°07'S H1422M 26°11'E					ESTCOURT 268/631 29°01'S H1181M 29°52'E				
PT NO	DATUMS/DATES 1959	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM
1	1- 1- 5- 1	32·5	15·8	24·1	64·6	0·0	30·0	15·0	22·5	55·1	12·4	27·2	14·7	20·9	36·3	13·3
2	6- 1-10- 1	32·4	16·4	24·4	63·4	0·0	29·3	14·6	21·9	57·0	15·8	24·7	15·3	20·0	26·1	58·3
3	11- 1-15- 1	26·3	12·2	19·3	60·3	0·0	25·1	8·5	16·8	62·9	0·0	23·4	11·6	17·5	36·9	2·7
4	16- 1-20- 1	29·8	13·1	21·5	53·4	0·0	31·0	13·5	22·3	51·6	0·0	28·0	14·0	21·0	37·3	6·4
5	21- 1-25- 1	33·0	18·2	25·6	52·4	4·5	28·7	14·9	21·8	34·2	15·0	26·8	14·6	20·7	25·7	2·9
6	26- 1-30- 1	32·1	16·1	24·1	54·6	0·0	27·5	14·3	20·9	41·6	28·4	28·1	15·8	21·9	32·7	9·1
7	31- 1- 4- 2	35·3	19·2	27·3	59·5	0·0	30·3	15·2	22·7	56·1	12·4	27·8	14·9	21·3	31·6	20·9
8	5- 2- 9- 2	34·0	18·4	26·2	59·1	0·0	28·1	16·4	22·3	31·0	24·1	27·9	16·3	22·1	24·7	12·8
9	10- 2-14- 2	31·5	18·9	25·2	50·4	6·5	26·0	16·0	21·0	29·2	91·0	27·5	15·1	21·3	36·2	7·1
10	15- 2-19- 2	29·2	14·9	22·1	55·4	0·3	24·8	13·8	19·3	41·5	8·9	25·5	15·6	20·5	22·4	103·3
11	20- 2-24- 2	34·4	17·9	26·1	61·2	0·0	28·6	12·2	20·4	59·6	0·0	24·7	12·9	18·8	34·6	0·0
12	25- 2- 1- 3	32·6	17·1	24·9	52·2	0·0	32·0	14·5	23·3	57·2	0·3	29·3	14·9	22·1	49·0	31·5
13	2- 3- 6- 3	30·0	15·6	22·8	54·2	0·0	29·2	14·4	21·8	38·4	2·0	26·8	15·8	21·3	29·0	3·2
14	7- 3-11- 3	27·4	12·9	20·1	58·8	0·0	27·4	12·1	19·7	47·5	12·8	25·0	14·8	19·9	24·5	16·8
15	12- 3-16- 3	32·1	18·4	25·3	54·4	0·0	27·7	12·5	20·1	48·3	4·5	26·7	12·5	19·6	46·4	4·8
16	17- 3-21- 3	24·7	10·8	17·7	51·6	0·0	21·8	7·6	14·7	46·8	11·2	22·7	12·5	17·6	36·5	0·3
17	22- 3-26- 3	32·5	16·3	24·4	55·7	0·0	30·0	10·8	20·4	57·0	0·0	27·8	11·6	19·7	55·6	0·0
18	27- 3-31- 3	31·4	14·8	23·1	52·7	0·0	30·5	15·3	22·9	41·8	1·7	31·6	14·1	22·9	46·5	0·1
19	1- 4- 5- 4	26·5	11·9	19·2	52·2	0·0	27·9	11·2	19·5	50·3	4·7	29·5	13·1	21·3	48·3	0·0
20	6- 4-10- 4	24·7	9·7	17·2	47·0	0·0	24·7	7·6	16·1	49·2	14·3	27·7	10·1	18·9	50·3	0·2
21	11- 4-15- 4	27·9	12·8	20·3	50·5	0·0	24·5	9·8	17·1	39·9	15·2	28·2	13·1	20·7	44·8	2·3
22	16- 4-20- 4	29·1	17·4	23·3	38·7	0·0	26·2	10·7	18·5	49·7	0·0	26·2	10·8	18·5	45·1	0·3
23	21- 4-25- 4	21·4	7·6	14·5	51·8	0·0	24·5	9·4	16·9	43·8	3·4	23·6	10·3	16·9	33·5	23·0
24	26- 4-30- 4	17·8	8·4	13·1	33·0	9·7	19·4	8·5	13·9	29·3	42·3	20·5	10·8	15·7	30·0	30·7
25	1- 5- 5- 5	17·9	5·9	11·9	48·7	0·0	16·0	3·0	9·5	44·7	4·4	17·1	3·1	10·1	35·2	25·7
26	6- 5-10- 5	16·6	6·2	11·4	44·0	0·0	21·3	3·9	12·6	47·9	3·6	24·4	6·1	15·3	50·9	0·0
27	11- 5-15- 5	15·6	6·1	10·9	39·8	1·4	16·4	6·5	11·5	34·5	16·9	21·1	8·5	14·8	30·4	8·8
28	16- 5-20- 5	17·6	5·4	11·5	45·9	1·3	15·4	4·0	9·7	29·8	37·7	16·4	7·5	11·9	22·3	32·1
29	21- 5-25- 5	12·3	5·2	8·7	25·6	8·4	14·8	2·8	8·8	28·8	1·1	20·4	4·1	12·3	50·5	0·0
30	26- 5-30- 5	16·6	4·5	10·5	35·9	0·0	19·7	0·9	10·3	46·7	0·0	21·0	4·8	12·9	48·6	0·0
31	31- 5- 4- 6	15·8	3·7	9·7	41·9	0·0	18·2	1·3	9·7	46·2	0·0	20·4	5·2	12·8	39·4	0·0
32	5- 6- 9- 6	18·0	7·4	12·7	34·5	1·0	17·1	2·3	9·7	36·0	0·1	19·8	4·9	12·3	37·2	0·4
33	10- 6-14- 6	20·3	5·7	13·0	47·5	0·0	18·6	-0·6	9·0	49·5	0·0	20·3	2·7	11·5	49·9	0·0
34	15- 6-19- 6	21·8	9·2	15·5	42·8	0·0	18·6	1·1	9·9	46·5	0·0	20·5	4·4	12·5	48·6	0·0
35	20- 6-24- 6	19·9	7·7	13·8	47·6	0·0	17·9	0·8	9·3	48·9	0·0	21·8	3·8	12·8	49·9	0·0
36	25- 6-29- 6	19·9	6·2	13·1	48·6	0·0	17·6	-0·7	8·5	48·5	0·0	18·5	2·1	10·3	49·8	0·0
37	30- 6- 4- 7	18·8	7·0	12·9	39·9	0·0	16·7	3·5	10·1	26·3	9·2	18·9	3·4	11·1	45·0	0·0
38	5- 7- 9- 7	19·7	6·7	13·2	45·8	0·0	17·8	5·0	11·4	32·5	0·4	18·6	4·5	11·5	31·7	7·0
39	10- 7-14- 7	15·8	4·1	9·9	37·4	0·0	16·1	4·7	10·4	38·4	15·4	20·3	5·2	12·7	45·3	4·0
40	15- 7-19- 7	14·4	2·7	8·5	42·6	0·0	12·8	0·8	6·8	40·8	5·6	15·8	2·5	9·1	33·4	7·0
41	20- 7-24- 7	18·0	3·7	10·9	47·7	0·0	18·5	1·3	9·9	51·2	0·0	20·5	2·7	11·6	51·0	0·0
42	25- 7-29- 7	21·2	6·3	13·7	47·5	0·0	19·0	2·1	10·5	49·7	0·0	18·6	3·9	11·3	43·5	0·0
43	30- 7- 3- 8	19·6	5·4	12·5	46·1	0·0	18·4	0·4	9·4	49·6	0·0	19·2	5·0	12·1	50·7	1·9
44	4- 8- 8- 8	13·9	1·5	7·7	46·9	0·0	16·4	-0·5	7·9	48·9	0·0	17·8	3·6	10·7	37·5	0·4
45	9- 8-13- 8	23·2	10·6	16·9	47·4	0·0	19·4	1·4	10·4	52·0	0·0	21·2	3·7	12·5	52·2	0·0
46	14- 8-18- 8	14·4	5·1	9·7	31·0	1·4	16·7	2·2	9·5	45·6	0·0	20·7	3·7	12·2	50·8	0·0
47	19- 8-23- 8	23·2	7·8	15·5	52·0	0·0	20·2	1·2	10·7	53·7	0·0	20·5	3·9	12·2	51·6	0·0
48	24- 8-28- 8	25·6	9·6	17·6	52·6	0·0	23·4	2·7	13·1	54·0	0·0	23·7	6·5	15·1	53·8	0·0
49	29- 8- 2- 9	17·3	5·4	11·3	50·5	0·2	17·8	0·1	8·9	54·6	0·0	19·7	4·2	11·9	46·6	0·5
50	3- 9- 7- 9	26·8	9·9	18·3	53·6	0·0	25·4	4·2	14·8	53·4	0·0	26·7	4·3	15·5	54·2	0·0
51	8- 9-12- 9	19·1	5·6	12·3	49·4	0·0	22·7	4·9	13·8	54·4	0·0	23·2	5·6	14·4	37·9	6·5
52	13- 9-17- 9	23·4	7·2	15·3	55·9	0·0	21·0	3·4	12·2	54·7	0·0	19·1	5·1	12·1	41·5	0·3
53	18- 9-22- 9	26·1	11·8	18·9	47·6	0·0	26·2	9·9	18·1	49·6	0·0	27·6	10·5	19·1	49·8	0·0
54	23- 9-27- 9	29·3	12·0	20·7	56·5	0·0	27·6	9·0	18·3	53·4	0·0	23·7	9·7	16·7	34·0	0·0
55	28- 9- 2-10	25·7	12·6	19·1	41·7	0·0	30·3	13·5	21·9	42·0	0·5	32·3	11·2	21·7	50·6	3·1
56	3-10- 7-10	19·4	5·9	12·7	55·0	0·0	17·9	2·6	10·3	51·5	0·0	18·8	5·1	11·9	43·7	10·9
57	8-10-12-10	22·9	9·3	16·1	56·8	0·0	24·0	7·8	15·9	45·4	0·5	22·8	10·8	16·8	39·8	40·2
58	13-10-17-10	28·7	11·4	20·1	54·5	0·0	32·9	12·9	22·9	47·8	0·0	30·7	13·2	21·9	47·0	0·0
59	18-10-22-10	25·9	11·7	18·8	43·0	0·0	26·1	11·4	18·7	43·5	31·6	20·8	11·5	16·1	24·4	59·2
60	23-10-27-10	30·7	13·3	22·0	59·4	0·0	28·1	13·4	20·7	52·1	0·0	24·2	13·1	18·7	29·7	1·5
61	28-10- 1-11	22·8	9·4	16·1	55·0	0·3	27·0	12·0	19·5	55·9	0·0	27·2	13·7	20·5	38·0	10·0
62	2-11- 6-11	29·7	12·7	21·2	62·1	0·0	26·3	11·6	18·9	48·7	0·0	20·8	10·0	15·4	26·5	4·1
63	7-11-11-11	28·8	12·3	20·5	64·3	0·0	25·7	12·1	18·9	42·1	42·2	21·8	12·2	17·0	23·4	52·5
64	12-11-16-11	31·9	12·9	22·4	58·4	0·0	28·0	12·8	20·4	55·3	25·4	26·3	12·9	19·6	31·6	16·2
65	17-11-21-11	30·6	15·4	23·0	61·6	0·0	25·7	12·3	19·0	53·5	11·6	22·9	13·3	18·1	26·7	25·8
66	22-11-26-11	34·1	19·5	26·8	47·9	0·0	30·2	14·0	22·1	57·4	1·3	25·2	13·5	19·3	30·5	5·8
67	27-11- 1-12	31·9	16·4	24·1	55·8	0·0	30·9	16·5	23·7	40·0	10·7	26·9	15·2	21·1	27·1	10·4
68	2-12- 6-12	28·3	15·0	21·7	52·2	0·0	25·1	12·3	18·7	31·8	44·5	22·5	13·9	18·2	17·9	18·4
69	7-12-11-12	32·0	14·4	23·2	63·5	0·3	26·2	12·9	19·5	49·7	6·1	26·1	13·0	19·5	38·1	22·5
70	12-12-16-12	31·8	18·1	24·9	50·8	6·0	28·6	14·6	21·6	48·7	9·0	29·4	15·4	22·4	47·5	12·4
71	17-12-21-12	29·9	14·3	22·1	61·2	0·0	27·1	14·2	20·7	52·2	5·2	23·9	14·4	19·1	25·1	17·3
72	22-12-26-12	32·7	16·2	24·5	65·2	0·0	30·3	14·3	22·3	60·2	0·4	24·6	14·6	19·6	27·6	12·
73	27-12-31-12	34·0	18·6	26·3	65·3	0·0	29·4	14·0	21·7	56·8	96·2	27·3	15·6	21·5	41·2	10·0

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		KIMBERLEY 290/468 28°48'S H1197M 24°46'E					UPINGTON 317/476 28°26'S H 814M 21°16'E					BETHLEHEM 331/520 28°10'S H1651M 28°18'E				
PT NO	DATUMS/DATES 1 9 5 9	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM
1	1· 1- 5· 1	33·3	17·5	25·4	57·9	3·8	35·8	19·0	27·4	62·9	0·0	26·6	13·0	19·8	43·7	6·4
2	6· 1-10· 1	32·8	16·4	24·6	57·4	10·1	36·2	19·5	27·9	65·9	0·0	25·4	13·0	19·2	39·5	20·5
3	11· 1-15· 1	27·2	10·6	18·9	60·6	0·0	29·3	14·2	21·7	66·5	0·0	23·2	8·2	15·7	59·9	0·1
4	16· 1-20· 1	33·4	16·7	25·1	52·8	39·6	33·0	16·1	24·5	51·8	0·0	27·5	10·5	19·0	46·1	6·0
5	21· 1-25· 1	30·9	16·9	23·9	30·4	33·7	35·4	18·5	26·9	44·3	9·0	26·1	12·9	19·5	31·3	13·0
6	26· 1-30· 1	29·2	15·5	22·3	36·4	12·9	36·4	19·5	27·9	61·6	0·3	26·4	13·4	19·9	39·8	4·5
7	31· 1- 4· 2	32·5	18·1	25·3	51·3	0·0	38·3	21·7	30·0	63·9	0·4	27·9	12·1	20·0	44·1	1·9
8	5· 2- 9· 2	31·1	18·4	24·7	35·1	2·2	36·3	22·3	29·3	47·5	0·9	26·9	13·7	20·3	34·7	32·5
9	10· 2-14· 2	28·5	18·5	23·5	22·5	64·3	33·8	21·7	27·7	35·1	2·8	25·6	13·3	19·5	35·9	4·5
10	15· 2-19· 2	26·5	15·5	21·0	40·3	14·0	31·3	17·3	24·3	51·6	21·7	24·8	13·1	18·9	37·5	18·0
11	20· 2-24· 2	31·4	14·7	23·1	59·4	0·0	36·2	18·5	27·3	58·3	0·0	26·9	9·8	18·3	52·0	0·0
12	25· 2- 1· 3	34·4	18·2	26·3	55·5	0·2	36·1	20·3	28·2	38·5	0·0	30·1	12·1	21·1	49·0	10·4
13	2· 3- 6· 3	30·7	16·6	23·7	36·7	3·0	35·9	18·9	26·4	54·5	0·3	27·9	14·2	21·1	39·3	7·2
14	7· 3-11· 3	30·3	14·6	22·5	49·2	2·0	31·4	17·4	24·4	57·5	0·0	24·4	12·6	18·5	28·8	3·6
15	12· 3-16· 3	30·2	14·9	22·5	46·7	1·9	33·1	19·5	26·3	49·1	3·9	25·6	9·1	17·3	42·8	4·5
16	17· 3-21· 3	23·9	8·8	16·3	49·3	9·3	27·0	10·3	18·7	49·6	0·9	22·3	8·1	15·2	48·5	4·8
17	22· 3-26· 3	33·0	13·7	23·3	57·4	0·0	35·9	15·7	25·8	57·8	0·0	27·8	7·7	17·7	50·4	0·0
18	27· 3-31· 3	33·0	18·4	25·7	43·1	1·2	36·3	18·4	27·3	50·9	0·0	28·9	10·6	19·7	43·9	0·4
19	1· 4- 5· 4	29·6	12·7	21·1	51·6	0·6	29·4	15·1	22·3	52·9	0·0	27·8	6·9	17·3	49·0	0·0
20	6· 4-10· 4	27·0	7·8	17·4	51·4	14·0	27·0	8·9	17·9	50·3	0·4	23·9	4·4	14·1	46·5	3·1
21	11· 4-15· 4	27·0	12·5	19·7	39·6	12·7	30·9	13·7	22·3	41·4	6·5	24·1	8·4	16·3	35·4	25·5
22	16· 4-20· 4	27·9	13·8	20·9	46·8	0·0	31·0	17·4	24·2	43·0	0·0	24·6	7·7	16·1	49·1	0·0
23	21· 4-25· 4	26·6	9·9	18·3	48·1	0·1	25·3	10·0	17·7	54·5	0·0	21·3	7·7	14·5	32·4	64·2
24	26· 4-30· 4	20·5	8·4	14·5	26·9	20·0	21·2	8·4	14·8	33·1	7·9	16·6	7·0	11·8	30·1	43·5
25	1· 5- 5· 5	18·2	4·3	11·3	52·3	0·3	21·5	5·5	13·5	50·5	0·0	13·3	0·7	7·0	36·3	4·5
26	6· 5-10· 5	21·9	5·4	13·7	49·0	1·8	21·2	5·8	13·5	51·3	0·0	20·0	1·9	10·9	40·6	0·6
27	11· 5-15· 5	16·7	7·2	11·9	32·2	37·5	18·7	7·6	13·1	42·9	9·6	15·3	6·2	10·7	22·9	31·0
28	16· 5-20· 5	17·3	4·8	11·1	39·9	21·2	21·5	6·1	13·8	50·1	0·0	12·4	2·7	7·5	21·5	50·9
29	21· 5-25· 5	15·7	5·5	10·6	24·5	2·2	15·6	6·9	11·3	31·6	3·2	15·3	1·4	8·3	46·2	0·0
30	26· 5-30· 5	21·4	4·5	12·9	47·3	0·0	21·5	3·2	12·3	46·8	0·0	18·5	-0·7	8·9	47·0	0·0
31	31· 5- 4· 6	18·7	1·7	10·2	43·5	0·0	18·8	2·6	10·7	47·8	0·0	19·1	1·8	10·5	34·3	0·0
32	5· 6- 9· 6	18·2	4·9	11·5	36·2	0·0	19·7	8·9	14·3	33·1	9·5	16·9	1·4	9·1	34·6	4·2
33	10· 6-14· 6	19·3	1·0	10·1	50·4	0·0	22·3	3·7	13·0	49·8	0·0	18·1	-2·5	7·8	43·6	0·0
34	15· 6-19· 6	20·2	1·6	10·9	47·1	0·0	23·8	5·9	14·9	45·6	0·0	17·4	-1·5	7·9	43·9	0·0
35	20· 6-24· 6	19·8	4·5	12·1	49·8	0·0	22·0	6·8	14·4	48·6	0·0	18·0	-2·6	7·7	45·2	0·0
36	25· 6-29· 6	19·2	-0·1	9·5	49·7	0·0	22·5	2·2	12·3	49·8	0·0	16·3	-1·4	7·5	45·8	0·0
37	30· 6- 4· 7	19·1	6·4	12·7	27·1	0·0	20·3	8·2	14·3	32·1	1·5	15·2	-2·0	6·6	42·5	0·0
38	5· 7- 9· 7	19·7	7·6	13·7	32·4	0·6	22·4	8·4	15·4	33·7	0·0	15·5	1·8	8·7	28·5	5·0
39	10· 7-14· 7	17·8	6·3	12·1	38·8	11·9	19·2	4·3	11·7	48·2	0·0	15·1	1·0	8·1	36·3	4·0
40	15· 7-19· 7	14·2	0·8	7·5	42·0	0·1	17·8	0·8	9·3	41·1	0·0	12·3	-0·8	5·7	29·9	9·4
41	20· 7-24· 7	21·2	3·8	12·5	51·5	0·0	21·8	1·4	11·6	51·4	0·0	16·3	-2·6	6·9	43·7	0·0
42	25· 7-29· 7	20·8	3·1	11·9	48·5	0·0	23·6	2·2	12·9	51·5	0·0	16·6	-0·9	7·9	45·2	0·0
43	30· 7- 3· 8	20·1	1·9	11·0	52·3	0·0	22·4	3·2	12·8	52·2	0·0	16·3	-3·5	6·4	43·4	0·0
44	4· 8- 8· 8	17·3	1·5	9·4	51·3	0·0	17·8	0·5	9·1	52·1	0·0	16·7	-1·2	7·7	43·9	0·0
45	9· 8-13· 8	21·9	4·7	13·3	52·2	0·0	25·2	7·5	16·3	48·4	0·0	17·6	-1·7	7·9	50·1	0·0
46	14· 8-18· 8	17·8	4·1	10·9	44·0	0·1	19·4	6·0	12·7	40·0	1·0	16·8	-2·8	7·0	48·0	0·0
47	19· 8-23· 8	22·3	2·3	12·3	54·5	0·0	25·1	3·9	14·5	54·6	0·0	18·4	-1·6	8·4	50·4	0·0
48	24· 8-28· 8	25·4	4·0	14·7	55·4	0·0	28·5	5·2	16·9	55·3	0·0	21·7	-0·9	10·4	52·5	0·0
49	29· 8- 2· 9	19·3	2·8	11·1	54·1	0·0	20·8	3·5	12·1	50·8	0·0	17·2	-2·3	7·5	44·7	0·0
50	3· 9- 7· 9	28·0	7·4	17·7	53·0	0·0	29·8	6·4	18·1	55·1	0·0	23·7	-1·0	11·3	50·9	0·0
51	8· 9-12· 9	23·5	6·3	14·9	53·6	0·0	23·6	4·6	14·1	50·1	0·0	21·0	4·3	12·7	44·0	1·2
52	13· 9-17· 9	22·8	5·0	13·9	50·0	0·0	25·3	4·8	15·1	57·0	0·0	18·0	2·3	10·1	45·1	0·2
53	18· 9-22· 9	27·2	11·7	19·5	50·9	0·0	28·6	13·5	21·1	49·4	0·0	24·6	5·6	15·1	47·9	0·0
54	23· 9-27· 9	30·3	9·6	19·9	53·4	0·0	32·8	10·2	21·5	54·2	0·0	24·5	5·5	15·0	52·7	0·0
55	28· 9- 2·10	32·0	14·8	23·4	37·8	0·9	29·6	15·6	22·6	40·8	0·1	28·1	7·7	17·9	50·8	0·0
56	3·10- 7·10	19·5	3·3	11·4	55·0	0·0	22·0	4·4	13·2	56·1	7·1	15·6	2·0	8·8	45·8	10·3
57	8·10-12·10	25·4	9·6	17·5	43·5	1·1	26·6	10·6	18·6	53·8	0·5	19·5	5·7	12·6	34·9	22·4
58	13·10-17·10	35·6	14·7	25·1	51·7	0·0	33·1	13·9	23·5	51·3	0·0	28·3	9·4	18·9	49·8	1·5
59	18·10-22·10	29·0	14·1	21·5	40·0	28·6	31·2	15·6	23·4	45·2	0·0	20·9	9·0	14·9	32·8	70·1
60	23·10-27·10	31·4	16·5	23·9	47·7	0·4	34·5	14·2	24·3	55·6	0·0	23·9	11·2	17·5	46·2	2·5
61	28·10- 1·11	28·6	13·4	21·0	52·7	0·9	27·2	12·7	19·9	57·6	0·0	24·3	10·1	17·2	50·8	6·0
62	2·11- 6·11	29·1	13·6	21·3	49·6	1·3	32·5	15·2	23·9	57·7	1·0	20·7	6·5	13·6	28·9	4·5
63	7·11-11·11	28·4	12·3	20·3	44·0	25·2	33·2	14·9	24·1	63·0	0·0	21·9	11·0	16·5	26·5	55·7
64	12·11-16·11	31·6	15·2	23·4	52·2	10·7	35·8	15·5	25·7	61·3	0·0	24·0	11·2	17·6	44·7	28·5
65	17·11-21·11	28·0	14·6	21·3	52·3	6·5	32·9	16·8	24·9	58·8	8·1	22·5	10·7	16·6	43·6	13·3
66	22·11-26·11	34·0	16·4	25·2	57·6	0·0	36·9	21·0	28·9	49·6	2·0	26·1	10·8	18·5	53·3	2·7
67	27·11- 1·12	33·7	19·1	26·4	38·3	24·8	35·2	20·1	27·7	47·2	0·4	27·0	13·3	20·1	38·5	9·2
68	2·12- 6·12	25·2	14·1	19·7	38·4	53·2	31·0	16·7	23·9	51·0	0·2	20·8	10·2	15·5	35·1	32·9
69	7·12-11·12	29·2	15·3	22·3	43·0	0·4	34·7	18·4	26·5	61·1	5·1	23·9	11·3	17·6	46·9	5·5
70	12·12-16·12	29·3	16·7	23·0	46·5	33·9	33·5	19·7	26·6	48·5	9·2	27·7	12·4	20·1	50·9	7·7
71	17·12-21·12	29·5	15·6	22·5	50·1	18·2	33·6	16·7	25·1	65·9	0·0	23·6	13·2	18·4	34·8	11·2
72	22·12-26·12	31·4	15·3	23·3	60·9	1·7	36·0	19·5	27·7	66·9	0·0	27·2	12·8	20·0	55·5	4·8
73	27·12-31·12	32·0	15·4	23·7	58·5	4·4	36·6	19·6	28·1	67·2	0·0	25·8	12·3	19·1	48·8	47·1

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		CAPE ST LUCIA 339/720 28°30'S 32°24'E H 107M					KROONSTAD 365/398A 27°38'S 27°14'E H1427M					NEWCASTLE 370/765 27°45'S 29°56'E H1199M				
PT NO	DATUMS/DATES 1 9 5 9	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM
1	1- 1- 5- 1	29·6	20·8	25·2		4·0	31·1	15·8	23·5	49·3	3·2	28·7	16·6	22·7	36·4	17·4
2	6- 1-10- 1	27·4	21·0	24·7		27·0	29·9	14·6	22·3	45·6	14·3	26·9	15·7	21·3	33·0	26·6
3	11- 1-15- 1	26·0	19·1	22·5		3·0	26·7	9·9	18·3	59·8	0·0	25·6	12·4	19·0	47·5	16·5
4	16- 1-20- 1	27·5	19·5	23·5		25·2	30·6	13·8	22·2	44·6	0·0	30·6	13·4	22·0	47·5	1·4
5	21- 1-25- 1	27·8	22·1	24·9		1·7	28·2	14·3	21·3	31·4	29·6	27·9	15·6	21·7	27·6	13·3
6	26- 1-30- 1	27·9	21·9	24·9		13·0	28·3	15·4	21·9	44·0	3·2	28·3	15·8	22·1	29·0	6·1
7	31- 1- 4- 2	28·8	21·0	24·9		5·5	28·8	14·2	21·5	54·3	25·0	30·5	15·0	22·7	46·0	18·8
8	5- 2- 9- 2	28·8	22·8	25·8		10·4	27·6	16·0	21·8	34·2	12·5	29·5	17·1	23·3	32·3	17·8
9	10- 2-14- 2	28·7	20·7	24·7		1·0	27·3	15·9	21·6	37·4	0·0	28·7	14·5	21·6	45·0	26·0
10	15- 2-19- 2	27·4	21·8	24·6		26·5	26·1	14·5	20·3	46·5	15·5	27·7	16·8	22·3	30·0	50·1
11	20- 2-24- 2	26·7	18·7	22·7		1·1	30·1	13·6	21·9	59·2	0·2	26·5	12·4	19·5	39·0	6·6
12	25- 2- 1- 3	28·9	21·0	24·9		0·0	32·5	16·2	24·3	53·9	5·2	31·5	14·2	22·9	44·0	0·0
13	2- 3- 6- 3	28·4	21·9	25·1		0·0	29·2	16·2	22·7	32·0	1·5	29·0	14·4	21·7	28·2	63·3
14	7- 3-11- 3	26·4	20·7	23·5		8·0	27·0	15·1	21·1	34·3	12·5	25·9	15·6	20·7	17·5	57·1
15	12- 3-16- 3	27·1	19·9	23·5		3·5	27·7	12·1	19·9	54·8	0·0	27·4	12·6	20·0	34·2	2·2
16	17- 3-21- 3	25·4	19·0	22·2		4·9	24·1	9·1	16·6	52·1	12·0	25·4	12·5	18·9	27·7	0·5
17	22- 3-26- 3	28·4	20·6	24·5		8·8	30·5	11·0	20·7	57·2	0·0	28·2	9·7	18·9	39·3	0·0
18	27- 3-31- 3	28·5	22·2	25·3		0·0	30·5	14·9	22·7	51·2	0·0	32·0	11·4	21·7	38·0	0·0
19	1- 4- 5- 4	28·7	21·5	25·1		0·0	29·9	11·0	20·5	54·0	0·0	29·6	11·5	20·5	35·7	0·0
20	6- 4-10- 4	26·9	19·8	23·3		6·0	26·5	7·0	16·7	53·6	4·3	28·3	10·4	19·3	38·6	0·0
21	11- 4-15- 4	27·1	21·9	24·5		1·9	26·2	11·9	19·1	41·5	14·5	28·9	12·4	20·7	30·5	1·7
22	16- 4-20- 4	27·7	20·1	23·9		0·0	26·0	10·2	18·1	49·3	0·3	27·3	9·1	18·2	38·1	0·0
23	21- 4-25- 4	26·6	18·1	22·3		1·8	25·4	11·3	18·3	40·4	3·8	24·8	11·9	18·3	25·3	29·2
24	26- 4-30- 4	26·3	18·0	22·1		2·3	20·1	9·7	14·9	32·0	45·8	22·0	10·5	16·3	26·2	12·2
25	1- 5- 5- 5	23·9	14·4	19·1		21·5	16·4	2·9	9·7	39·7	5·0	19·5	3·8	11·7	26·0	10·4
26	6- 5-10- 5	26·7	16·6	21·7		1·0	23·0	5·5	14·3	44·5	0·9	26·8	7·5	17·1	36·3	0·0
27	11- 5-15- 5	25·1	19·0	22·1		4·6	17·1	8·5	12·8	24·6	28·1	23·0	10·9	16·9	21·5	7·9
28	16- 5-20- 5	22·1	14·8	18·5		39·0	15·5	3·0	9·3	33·9	12·0	17·0	6·8	11·9	18·3	22·8
29	21- 5-25- 5	25·6	16·0	20·8		1·0	16·6	3·0	9·8	43·2	0·0	21·5	5·0	13·3	32·5	0·0
30	26- 5-30- 5	24·5	15·7	20·1		0·0	20·4	3·5	11·9	48·1	0·0	23·6	1·4	12·5	30·7	0·0
31	31- 5- 4- 6	23·5	17·1	20·3		3·0	21·2	5·4	13·3	38·4	0·0	24·5	7·1	15·8	22·8	0·0
32	5- 6- 9- 6	23·3	15·1	19·2		0·7	18·6	4·2	11·4	39·5	6·4	22·0	6·6	14·3	22·3	0·3
33	10- 6-14- 6	22·9	11·6	17·3		0·6	18·9	0·0	9·5	49·2	0·0	23·1	-2·4	10·3	25·6	0·0
34	15- 6-19- 6	23·8	15·2	19·5		0·0	18·9	0·9	9·9	48·7	0·0	20·7	-1·4	9·7	24·4	0·0
35	20- 6-24- 6	23·6	14·1	18·9		0·5	18·8	0·2	9·5	48·9	0·0	24·9	-0·5	12·2	27·6	0·0
36	25- 6-29- 6	23·1	14·6	18·9		0·0	17·9	0·1	9·0	48·7	0·0	20·4	0·2	10·3	24·8	0·0
37	30- 6- 4- 7	23·7	15·2	19·5		64·0	17·4	2·3	9·9	40·4	0·0	19·8	0·9	10·3	24·1	0·0
38	5- 7- 9- 7	21·8	14·3	18·1		44·5	18·6	4·3	11·5	32·7	0·0	19·1	4·4	11·7	16·4	0·2
39	10- 7-14- 7	23·3	14·7	19·0		0·0	17·3	4·2	10·7	37·4	8·7	22·9	3·5	13·2	27·5	0·5
40	15- 7-19- 7	21·8	14·6	18·2		0·2	13·3	0·2	6·7	36·9	9·8	18·3	1·1	9·7	25·6	1·0
41	20- 7-24- 7	22·3	14·4	18·3		0·0	18·6	0·9	9·7	49·9	0·0	23·6	-2·5	10·5	33·0	0·0
42	25- 7-29- 7	22·9	14·9	18·9		0·0	19·4	3·1	11·3	48·9	0·0	20·1	-0·5	9·8	32·9	0·0
43	30- 7- 3- 8	22·1	14·1	18·1		0·0	18·6	0·5	9·5	49·3	0·0	20·8	-1·2	9·8	33·7	0·0
44	4- 8- 8- 8	21·8	13·7	17·7		0·8	18·1	0·3	9·2	49·8	0·0	21·3	1·2	11·3	29·5	0·1
45	9- 8-13- 8	22·3	14·3	18·3		6·0	19·1	0·9	10·0	52·4	0·0	22·6	-1·7	10·5	39·6	0·0
46	14- 8-18- 8	22·9	15·1	19·0		38·1	18·5	1·0	9·7	51·8	0·0	21·5	2·6	12·1	39·6	0·0
47	19- 8-23- 8	22·1	13·5	17·8		0·0	20·1	1·4	10·7	52·6	0·0	21·7	-0·2	10·7	39·0	0·0
48	24- 8-28- 8	23·2	17·0	20·1		1·3	23·6	3·2	15·4	-	0·0	25·8	0·7	13·3	40·4	0·0
49	29- 8- 2- 9	21·4	13·2	17·3		20·2	18·5	1·5	10·0	-	0·0	20·3	4·9	12·6	29·2	0·9
50	3- 9- 7- 9	24·3	14·9	19·6		0·0	25·6	3·2	14·4	-	0·0	27·7	3·2	15·5	40·2	0·0
51	8- 9-12- 9	23·1	16·6	19·9		8·0	25·0	8·7	16·9	-	10·5	25·9	11·5	18·7	24·2	9·1
52	13- 9-17- 9	20·8	12·6	16·7		13·0	19·2	4·2	11·7	-	0·0	19·5	2·8	11·1	30·3	25·6
53	18- 9-22- 9	24·3	17·9	21·1		5·7	26·3	8·9	17·6	-	0·0	28·6	8·3	18·5	37·8	0·1
54	23- 9-27- 9	22·2	15·9	19·1		10·8	28·1	9·8	18·9	-	0·0	27·2	8·4	17·8	34·5	0·0
55	28- 9- 2-10	24·9	18·8	21·9		0·0	30·0	13·7	21·9	-	0·0	32·8	13·5	23·1	42·4	0·0
56	3-10- 7-10	21·7	14·3	18·0		50·5	16·5	4·0	10·3	-	7·5	21·5	6·0	13·7	40·0	0·1
57	8-10-12-10	24·2	16·8	20·5		1·6	22·2	9·2	15·7	-	9·5	24·6	9·2	16·9	34·9	19·7
58	13-10-17-10	24·5	19·6	22·1		3·0	31·1	13·5	22·3	-	0·0	32·7	13·8	23·3	47·9	0·0
59	18-10-22-10	20·2	17·1	18·7		41·2	24·5	13·2	18·9	-	35·0	23·6	12·2	17·9	25·9	87·8
60	23-10-27-10	23·6	18·4	21·0		118·5	26·0	13·8	19·9	-	0·0	26·2	12·8	19·5	36·6	4·2
61	28-10- 1-11	24·4	19·9	22·1		12·8	26·8	12·9	19·9	-	0·0	29·7	14·2	21·9	44·7	7·1
62	2-11- 6-11	21·6	15·7	18·7		17·1	25·0	10·5	17·7	-	0·0	22·0	9·3	15·7	28·4	14·0
63	7-11-11-11	23·5	17·8	20·7		26·0	25·6	13·4	19·5	-	19·0	24·2	12·9	18·5	22·9	83·8
64	12-11-16-11	25·4	20·7	23·1		1·8	27·6	13·2	20·4	-	13·0	28·9	13·8	21·3	44·3	5·0
65	17-11-21-11	25·1	18·7	21·9		0·3	25·0	12·4	18·7	-	4·0	24·1	13·1	18·6	24·5	18·3
66	22-11-26-11	25·1	18·8	21·9		1·0	29·7	13·4	21·5	-	0·0	27·4	12·7	20·1	36·0	18·2
67	27-11- 1-12	26·1	20·3	23·2		16·7	30·7	16·7	23·7	-	5·5	29·2	15·9	22·5	31·6	15·6
68	2-12- 6-12	23·5	18·1	20·8		3·4	24·6	12·4	18·5	-	28·5	22·7	13·5	18·1	17·5	6·0
69	7-12-11-12	25·9	20·3	23·1		0·0	26·3	13·2	19·7	-	5·0	27·4	13·3	20·3	40·5	32·4
70	12-12-16-12	27·5	21·1	24·3		2·5	30·7	16·3	23·5	-	6·5	31·9	16·4	24·1	46·6	0·5
71	17-12-21-12	26·2	20·0	23·1		2·5	27·2	15·6	21·4	-	19·5	24·7	14·9	19·8	29·3	4[illegible]·2
72	22-12-26-12	27·2	21·3	24·3		3·0	30·2	15·2	22·7	-	0·0	29·6	15·1	22·3	49·1	1[illegible]·0
73	27-12-31-12	26·5	19·4	22·9		2·4	28·7	15·0	21·9	-	17·0	26·8	14·8	20·8	35·2	26·5

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		KEETMANSHOOP 419/184 26°34'S H1066M 18°07'E					ARMOEDSVLAKTE 432/237 26°57'S H1234M 24°38'E					POTCHEFSTROOM 437/134 26°44'S H1345M 27°05'E				
PT NO	DATUMS/DATES 1959	TX °C	TN °C	TM °C	SS HU	R MM	TX °C	TN °C	TM °C	SS HU	R MM	TX °C	TN °C	TM °C	SS HU	R MM
1	1- 1- 5- 1	36·1	18·7	27·4	63·8	2·5	32·2	16·6	24·4	48·0	0·0	30·0	16·8	23·4	50·2	8·6
2	6- 1-10- 1	35·0	17·6	26·3	62·0	0·0	30·1	16·2	23·1	49·5	34·5	29·1	15·6	22·3	48·1	3·7
3	11- 1-15- 1	30·9	13·5	22·2	65·5	0·0	26·9	10·6	18·7	62·4	0·0	26·4	10·3	18·3	61·8	3·3
4	16- 1-20- 1	33·6	16·4	25·0	57·6	0·0	32·8	12·7	22·7	53·6	6·8	31·0	13·8	22·4	46·5	0·8
5	21- 1-25- 1	35·1	19·2	27·1	48·9	3·9	30·6	14·5	22·5	42·8	17·8	27·9	15·6	21·7	28·9	69·6
6	26- 1-30- 1	35·8	17·4	26·6	56·0	3·8	30·4	16·1	23·3	47·3	26·6	28·5	15·8	22·1	50·2	2·9
7	31- 1- 4- 2	36·8	19·2	28·0	56·5	0·4	32·2	17·2	24·7	46·1	5·0	29·0	14·9	21·9	51·9	0·7
8	5- 2- 9- 2	35·1	20·0	27·5	49·7	8·1	30·9	17·0	23·9	33·2	8·1	28·2	16·3	22·3	33·3	46·2
9	10- 2-14- 2	33·6	20·3	26·9	44·4	5·5	29·6	18·6	24·1	33·4	56·2	28·0	16·1	22·1	56·1	1·6
10	15- 2-19- 2	32·4	15·3	23·9	62·4	0·0	27·9	14·5	21·2	45·2	21·9	26·6	14·5	20·5	42·5	11·8
11	20- 2-24- 2	36·8	20·9	28·9	55·1	0·6	30·7	14·9	22·8	55·3	0·0	29·3	14·3	21·8	52·9	0·2
12	25- 2- 1- 3	36·0	21·4	28·7	50·0	0·0	33·3	15·2	24·3	48·6	0·0	32·1	14·6	23·3	52·0	5·6
13	2- 3- 6- 3	33·8	17·4	25·6	56·5	0·0	30·8	15·4	23·1	35·6	0·0	29·8	15·7	22·7	39·7	8·7
14	7- 3-11- 3	32·0	14·4	23·2	54·1	1·0	29·9	14·6	22·3	28·8	1·9	27·1	16·7	21·9	21·0	2·8
15	12- 3-16- 3	32·6	18·9	25·7	51·1	13·2	29·7	12·1	20·9	42·9	1·0	27·2	12·7	19·9	48·5	2·0
16	17- 3-21- 3	27·9	12·9	20·4	57·8	0·0	25·8	8·7	17·3	50·9	5·4	25·1	9·7	17·4	46·2	12·0
17	22- 3-26- 3	35·5	18·5	27·0	56·3	0·0	33·1	12·7	22·9	55·6	0·0	29·9	10·2	20·1	55·8	0·0
18	27- 3-31- 3	36·0	18·1	27·1	49·7	0·0	31·0	13·8	22·4	46·9	0·0	30·8	13·5	22·1	50·6	0·0
19	1- 4- 5- 4	31·2	15·7	23·5	54·8	0·2	31·1	11·5	21·3	53·6	0·0	30·6	11·0	20·8	51·4	0·0
20	6- 4-10- 4	29·3	12·9	21·1	52·8	0·0	28·9	4·7	16·8	49·7	9·1	27·1	8·5	17·8	50·3	2·0
21	11- 4-15- 4	32·5	14·9	23·7	51·6	9·5	29·5	12·6	21·1	40·3	0·6	26·7	12·0	19·3	41·6	12·2
22	16- 4-20- 4	30·2	17·4	23·8	45·1	0·0	27·9	9·8	18·9	45·8	0·0	26·2	9·8	18·0	50·2	0·0
23	21- 4-25- 4	25·5	10·2	17·9	55·1	0·0	28·3	10·4	19·3	49·1	0·4	26·5	12·2	19·3	40·3	4·5
24	26- 4-30- 4	22·4	9·8	16·1	45·3	0·2	23·5	8·7	16·1	50·0	23·6	21·7	10·6	16·1	35·9	40·5
25	1- 5- 5- 5	22·3	7·0	14·7	50·8	0·0	20·0	3·7	11·9	50·4	0·0	18·2	3·2	10·7	41·0	0·0
26	6- 5-10- 5	23·4	7·5	15·5	48·9	0·0	25·7	4·7	15·2	46·0	11·6	24·9	4·9	14·9	47·0	0·0
27	11- 5-15- 5	19·4	5·8	12·6	49·8	0·0	19·9	8·1	14·0	40·5	54·7	19·0	9·4	14·2	22·5	34·3
28	16- 5-20- 5	21·5	5·5	13·5	51·9	0·4	17·3	3·6	10·5	36·3	3·4	15·9	3·5	9·7	24·1	13·4
29	21- 5-25- 5	17·3	5·2	11·3	44·8	0·1	18·9	2·7	10·8	48·3	0·0	18·2	2·5	10·3	47·1	0·0
30	26- 5-30- 5	24·0	7·4	15·7	50·4	0·0	23·2	2·3	12·7	47·5	0·0	22·0	1·6	11·8	47·0	0·0
31	31- 5- 4- 6	20·0	4·6	12·3	47·4	0·0	22·0	5·0	13·5	30·9	0·0	23·3	6·1	14·7	38·0	0·0
32	5- 6- 9- 6	19·9	8·9	14·4	38·2	3·4	21·5	5·7	13·6	43·4	1·5	20·1	5·1	12·6	37·2	4·7
33	10- 6-14- 6	22·9	7·8	15·3	51·0	0·0	20·5	-1·7	9·4	47·2	0·0	19·6	-1·0	9·3	46·2	0·0
34	15- 6-19- 6	23·6	9·6	16·6	42·9	0·0	21·0	-1·1	9·9	48·8	0·0	19·9	0·0	9·9	46·7	0·0
35	20- 6-24- 6	22·5	7·7	15·1	51·1	0·0	21·2	0·0	10·6	49·2	0·0	19·8	0·2	10·0	46·8	0·0
36	25- 6-29- 6	22·5	6·9	14·7	51·1	0·0	19·8	-2·0	8·9	44·0	0·0	19·4	-0·3	9·5	45·5	0·0
37	30- 6- 4- 7	22·8	8·8	15·8	47·9	0·0	20·1	4·4	12·3	36·7	0·0	18·8	1·3	10·1	39·0	0·0
38	5- 7- 9- 7	24·2	9·5	16·9	50·6	0·0	20·5	3·1	11·8	38·0	0·0	19·4	4·3	11·9	29·5	0·0
39	10- 7-14- 7	19·2	4·9	12·1	48·9	0·0	18·6	3·5	11·1	40·0	10·4	19·0	4·6	11·8	39·4	3·5
40	15- 7-19- 7	17·3	3·7	10·5	50·6	0·0	16·0	0·0	8·0	47·5	2·3	14·5	1·2	7·9	36·3	5·1
41	20- 7-24- 7	22·0	3·5	12·7	52·3	0·0	21·9	0·7	11·3	49·7	0·0	20·5	0·0	10·3	48·2	0·0
42	25- 7-29- 7	23·4	6·2	14·8	52·3	0·0	21·7	1·5	11·6	42·4	0·0	19·8	1·6	10·7	46·2	0·0
43	30- 7- 3- 8	23·6	8·7	16·1	52·7	0·0	21·3	-0·4	10·5	51·7	0·0	19·6	0·2	9·9	49·5	0·0
44	4- 8- 8- 8	18·3	3·3	10·8	48·9	0·0	20·0	-1·0	9·5	50·9	0·0	20·2	0·3	10·3	49·3	0·0
45	9- 8-13- 8	25·8	10·9	18·3	44·0	0·0	22·0	1·1	11·5	51·5	0·0	19·8	1·0	10·4	46·2	0·0
46	14- 8-18- 8	19·4	4·3	11·9	49·2	0·0	19·6	0·1	9·9	52·8	0·0	19·2	-0·1	9·5	50·8	0·0
47	19- 8-23- 8	24·4	9·1	16·7	54·9	0·0	22·2	-0·5	10·9	54·3	0·0	20·4	0·6	10·5	51·7	0·0
48	24- 8-28- 8	27·7	9·9	18·8	56·1	0·0	25·8	0·8	13·3	55·0	0·0	23·9	1·6	12·7	52·3	0·0
49	29- 8- 2- 9	22·0	5·2	13·6	55·0	0·0	21·6	1·2	11·4	55·0	0·0	19·7	1·9	10·8	52·9	0·0
50	3- 9- 7- 9	30·1	11·4	20·7	53·5	0·0	27·3	1·4	14·3	54·5	0·0	25·5	2·3	13·9	53·2	0·0
51	8- 9-12- 9	24·3	7·3	15·8	54·4	0·0	26·6	7·4	17·0	53·9	0·0	25·5	8·0	16·7	46·5	0·8
52	13- 9-17- 9	25·9	9·0	17·5	57·6	0·0	22·9	3·2	13·1	55·8	0·0	21·0	3·5	12·3	50·7	0·0
53	18- 9-22- 9	29·1	13·9	21·5	48·1	0·0	28·3	8·0	18·1	47·7	0·0	27·1	8·0	17·5	47·5	0·0
54	23- 9-27- 9	33·7	15·1	24·4	56·4	0·0	30·9	7·2	19·1	55·7	0·0	28·9	9·7	19·3	52·4	0·0
55	28- 9- 2-10	29·6	14·9	22·3	45·4	0·0	33·0	13·4	23·2	47·9	0·0	31·1	12·5	21·8	42·2	0·0
56	3-10- 7-10	23·0	6·1	14·5	58·7	0·0	21·3	3·3	12·3	49·0	3·1	19·1	4·2	11·7	50·0	4·8
57	8-10-12-10	27·5	9·4	18·5	58·8	0·0	27·0	9·1	18·1	47·0	2·0	26·3	9·5	17·9	42·6	2·6
58	13-10-17-10	33·1	14·8	23·9	55·0	0·0	35·6	12·6	24·1	57·2	0·0	33·5	13·5	23·5	52·1	0·1
59	18-10-22-10	30·8	13·6	22·2	52·3	4·0	31·3	15·1	23·2	46·4	10·5	26·9	13·4	20·1	36·4	67·0
60	23-10-27-10	35·0	15·0	25·0	59·9	0·0	32·7	14·8	23·7	51·4	1·3	28·2	14·2	21·2	50·2	0·0
61	28-10- 1-11	29·5	11·4	20·5	59·6	0·0	31·2	12·7	21·9	52·1	0·0	28·3	12·0	20·1	51·2	6·0
62	2-11- 6-11	33·2	14·7	23·9	55·0	0·1	29·7	13·2	21·5	58·6	0·2	25·9	10·0	17·9	48·9	0·0
63	7-11-11-11	33·2	12·7	22·9	64·5	0·0	31·6	13·1	22·3	41·5	9·1	26·2	14·0	20·1	32·9	65·0
64	12-11-16-11	35·1	15·3	25·2	59·7	0·0	32·6	15·2	23·9	51·5	14·5	28·7	13·9	21·3	45·4	0·0
65	17-11-21-11	33·2	16·1	24·7	62·6	0·0	29·1	13·5	21·3	55·4	11·0	25·4	12·3	18·9	41·6	16·5
66	22-11-26-11	36·7	19·5	28·1	57·2	0·0	33·2	15·5	24·3	50·3	3·2	29·8	12·9	21·3	56·6	4·0
67	27-11- 1-12	34·3	18·5	26·4	49·7	0·0	34·8	17·9	26·3	38·0	24·6	30·1	16·5	23·3	32·1	33·0
68	2-12- 6-12	31·6	17·0	24·3	60·0	0·0	27·0	15·0	21·0	42·8	9·8	23·2	14·0	18·6	34·3	15·3
69	7-12-11-12	34·9	17·0	25·9	61·5	5·2	28·6	14·5	21·5	52·1	6·6	26·8	13·7	20·3	46·5	16·7
70	12-12-16-12	35·6	19·3	27·5	54·4	0·1	33·6	17·0	25·3	56·6	4·4	29·4	15·9	22·7	51·3	33·1
71	17-12-21-12	33·2	15·2	24·2	65·9	0·0	32·4	16·4	24·4	54·7	1·5	27·6	15·5	21·5	47·2	29·5
72	22-12-26-12	36·1	17·6	26·9	66·3	0·0	33·4	16·6	26·0	61·7	0·6	28·7	15·3	22·0	55·3	8·7
73	27-12-31-12	36·8	18·6	27·7	67·6	0·0	33·2	17·4	25·3	54·8	5·2	27·9	14·6	21·3	49·3	16·3

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		NOOITGEDACHT ERMELO 442/811 26°31'S 29°58'E H1694M					PIET RETIEF 444/540 27°00'S 30°48'E H1239M					JAN SMUTS 476/398 26°08'S 28°14'E H1694M				
PT NO	DATUMS/DATES 1959	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM
1	1- 1- 5- 1					34·2	25·6	15·5	20·5	27·2	28·0	25·9	15·3	20·6	43·0	1·0
2	6- 1-10- 1					26·5	23·5	15·8	19·7	26·8	24·2	23·9	13·9	18·9	34·2	33·9
3	11- 1-15- 1					47·7	22·7	12·0	17·3	36·9	6·8	22·5	11·1	16·8	58·1	0·0
4	16- 1-20- 1					45·6	29·3	14·4	21·9	46·4	1·8	26·4	14·2	20·3	49·3	10·9
5	21- 1-25- 1					25·3	24·8	14·8	19·8	15·5	12·0	23·0	14·1	18·5	26·2	38·8
6	26- 1-30- 1					40·5	26·9	15·9	21·4	34·1	26·1	25·3	14·8	20·1	42·2	12·4
7	31- 1- 4- 2					42·2	27·1	13·7	20·4	39·7	5·2	24·3	13·9	19·1	38·2	30·0
8	5- 2- 9- 2					33·0	28·2	16·7	22·5	31·7	26·4	25·2	15·2	20·2	37·1	13·4
9	10- 2-14- 2					44·1	24·8	14·7	19·7	40·3	3·2	24·4	13·4	18·9	50·2	0·1
10	15- 2-19- 2					35·1	26·7	17·2	21·9	34·8	20·2	23·2	14·7	18·9	37·2	26·0
11	20- 2-24- 2					42·2	22·6	11·9	17·3	33·5	3·9	25·4	13·2	19·3	47·5	0·1
12	25- 2- 1- 3					51·4	28·5	13·8	21·1	49·6	0·0	27·6	14·1	20·9	51·2	8·7
13	2- 3- 6- 3					37·0	28·0	14·7	21·3	35·4	1·5	26·6	15·2	20·9	44·9	15·8
14	7- 3-11- 3					18·2	25·3	15·3	20·3	22·1	17·3	21·5	14·4	17·9	16·1	9·6
15	12- 3-16- 3					45·5	25·2	12·5	18·9	41·4	14·1	23·3	11·6	17·5	46·5	3·1
16	17- 3-21- 3					33·9	23·8	12·7	18·3	33·6	1·8	22·7	11·2	16·9	44·1	1·9
17	22- 3-26- 3					49·2	25·5	10·7	18·1	48·9	0·0	26·3	12·2	19·3	50·3	0·0
18	27- 3-31- 3					49·7	29·6	13·1	21·3	52·1	0·0	27·0	13·9	20·5	49·9	0·0
19	1- 4- 5- 4					46·3	28·3	13·8	21·1	41·4	0·0	26·8	13·2	20·0	53·6	0·0
20	6- 4-10- 4					47·7	27·1	13·6	20·3	46·0	0·2	23·2	10·0	16·6	51·2	10·2
21	11- 4-15- 4					33·1	27·1	14·5	20·8	30·4	1·2	23·2	12·5	17·9	36·7	24·7
22	16- 4-20- 4					47·6	24·7	11·1	17·9	44·7	0·0	22·4	10·0	16·2	49·9	0·0
23	21- 4-25- 4					47·1	25·7	12·9	19·3	31·7	0·5	22·0	11·8	16·9	33·0	12·4
24	26- 4-30- 4					32·3	22·4	10·3	16·3	32·3	8·0	18·2	9·3	13·7	35·6	22·6
25	1- 5- 5- 5					38·1	20·1	5·1	12·6	39·9	5·0	15·1	3·6	9·3	43·7	4·6
26	6- 5-10- 5					50·1	27·5	7·9	17·7	52·1	0·0	22·3	9·3	15·8	52·5	0·0
27	11- 5-15- 5					28·3	23·6	10·9	17·3	30·9	19·9	17·9	10·4	14·1	25·0	11·8
28	16- 5-20- 5					34·1	16·8	6·8	11·8	27·9	37·0	14·1	3·7	8·9	41·8	1·6
29	21- 5-25- 5					47·1	21·5	4·5	13·0	49·8	0·0	16·7	5·0	10·9	52·1	0·0
30	26- 5-30- 5					43·9	23·1	3·8	13·5	47·5	0·0	19·6	7·0	13·3	51·9	0·0
31	31- 5- 4- 6					40·3	24·2	8·0	16·1	43·3	0·0	20·5	8·5	14·5	46·0	0·0
32	5- 6- 9- 6					38·9	21·4	7·0	14·2	34·6	0·1	17·6	8·6	13·1	39·0	0·9
33	10- 6-14- 6					46·9	22·3	3·4	12·9	49·3	0·0	18·5	5·3	11·9	50·2	0·0
34	15- 6-19- 6					44·3	20·2	3·6	11·9	44·1	0·0	17·5	5·8	11·7	48·4	0·0
35	20- 6-24- 6					47·0	24·7	4·1	14·4	48·7	0·0	19·2	8·0	13·6	50·5	0·0
36	25- 6-29- 6					41·8	19·5	4·0	11·7	42·5	0·0	16·1	3·2	9·7	46·6	0·0
37	30- 6- 4- 7					41·5	18·4	2·8	10·6	35·7	0·0	15·8	4·9	10·3	47·6	0·0
38	5- 7- 9- 7					17·6	17·5	6·7	12·1	21·8	12·7	15·3	6·4	10·9	24·1	0·0
39	10- 7-14- 7					43·3	22·2	5·7	13·9	43·7	0·0	17·3	6·6	11·9	41·6	0·5
40	15- 7-19- 7					27·6	17·0	5·5	11·3	26·7	3·0	13·7	3·8	8·7	36·1	8·9
41	20- 7-24- 7					46·6	23·2	2·0	12·6	49·0	0·0	18·3	6·8	12·5	51·7	0·0
42	25- 7-29- 7					41·7	18·9	4·0	11·5	42·9	0·0	16·5	5·1	10·8	51·6	0·0
43	30- 7- 3- 8					45·8	20·0	3·8	11·9	46·6	0·0	17·4	5·2	11·3	52·7	0·0
44	4- 8- 8- 8					40·3	20·2	3·8	12·0	35·2	0·0	18·4	4·6	11·5	45·3	0·0
45	9- 8-13- 8					46·8	21·1	3·7	12·4	49·8	0·0	17·2	4·5	10·9	47·6	0·0
46	14- 8-18- 8					43·5	20·1	4·6	12·3	40·8	0·3	17·0	3·3	10·1	51·7	0·0
47	19- 8-23- 8					44·6	19·9	3·4	11·7	45·3	0·0	17·8	4·3	11·1	53·7	0·0
48	24- 8-28- 8					51·4	24·6	4·9	14·7	49·5	0·0	21·5	7·4	14·5	54·1	0·0
49	29- 8- 2- 9					45·4	20·6	5·9	13·3	38·6	1·6	17·7	4·5	11·1	55·0	0·0
50	3- 9- 7- 9					53·0	26·4	5·4	15·9	53·1	0·0	22·9	7·5	15·2	55·6	0·0
51	8- 9-12- 9					31·9	24·5	9·8	17·1	33·7	20·4	21·9	10·2	16·1	42·4	0·0
52	13- 9-17- 9					34·7	17·4	4·6	11·0	37·8	27·0	18·3	5·2	11·7	47·9	28·1
53	18- 9-22- 9					49·7	26·7	10·0	18·3	50·0	0·0	24·1	10·0	17·1	50·2	0·0
54	23- 9-27- 9					46·6	22·7	8·9	15·8	32·0	0·2	24·5	10·3	17·4	49·5	0·0
55	28- 9- 2-10					50·2	31·3	11·8	21·5	51·5	0·0	27·7	12·6	20·1	49·4	0·0
56	3-10- 7-10					49·3	21·1	6·4	13·7	42·0	13·5	17·6	5·0	11·3	49·5	1·0
57	8-10-12-10					41·3	24·2	9·8	17·0	35·7	1·0	23·3	9·1	16·2	43·7	0·3
58	13-10-17-10					44·3	30·2	14·9	22·5	45·4	3·3	30·1	13·8	21·9	50·9	0·4
59	18-10-22-10					21·0	19·6	11·6	15·6	16·7	48·8	23·3	12·3	17·8	31·6	47·2
60	23-10-27-10					36·0	23·4	12·8	18·1	30·0	1·7	24·4	12·6	18·5	43·9	1·3
61	28-10- 1-11					42·6	28·7	14·5	21·6	50·4	11·8	26·3	13·0	19·7	52·9	7·5
62	2-11- 6-11					29·1	19·3	9·7	14·5	25·5	8·2	21·5	10·7	16·1	38·8	24·0
63	7-11-11-11					25·7	24·2	12·8	18·5	26·6	78·2	22·7	12·5	17·6	32·9	28·5
64	12-11-16-11					32·3	26·1	14·3	20·2	28·3	11·8	24·7	13·3	19·0	39·5	9·8
65	17-11-21-11					27·2	23·2	12·7	17·9	19·9	8·7	21·8	11·9	16·9	34·0	32·7
66	22-11-26-11					40·1	24·5	13·2	18·9	32·0	0·0	24·9	12·6	18·7	51·7	15·2
67	27-11- 1-12					41·9	27·6	15·8	21·7	33·7	3·5	26·3	15·0	20·7	35·5	31·2
68	2-12- 6-12					22·5	21·1	12·2	16·7	13·9	13·4	20·7	11·9	16·3	27·4	17·7
69	7-12-11-12					22·2	24·9	14·0	19·5	29·4	43·7	22·1	12·5	17·3	35·4	16·3
70	12-12-16-12					24·9	30·5	16·6	23·5	47·0	0·1	26·8	15·8	21·3	54·6	8·7
71	17-12-21-12					7·1	22·9	14·2	18·5	23·4	72·6	23·8	14·2	19·0	57·8	50·2
72	22-12-26-12					19·3	27·7	15·5	21·6	48·2	0·8	24·7	13·9	19·3	46·6	8·7
73	27-12-31-12					21·7	23·4	14·3	18·9	19·6	5·3	24·9	14·5	19·7	41·1	[illegible]

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		BETHAL 478/837 26°27'S H1640M 29°28'E					MAFEKING 508/232 25°52'S H1277M 25°38'E					RUSTENBURG 511/523 25°43'S H1157M 27°18'E				
PT NO	DATUMS/DATES 1959	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM
1	1• 1- 5• 1	26•6	13•8	20•2		14•0	31•0	17•2	24•1	55•0	3•3	30•2	17•3	23•7	50•5	6•1
2	6• 1-10• 1	23•8	14•2	19•0		18•0	29•7	17•1	23•4	47•8	3•9	26•9	17•1	22•0	34•2	31•1
3	11• 1-15• 1	23•6	9•8	16•7		1•5	28•0	13•3	20•7	62•4	0•0	27•3	12•6	19•9	59•8	0•5
4	16• 1-20• 1	27•2	12•6	19•9		6•0	32•9	16•1	24•5	49•8	1•4	31•0	14•2	22•6	43•9	16•3
5	21• 1-25• 1	24•4	13•1	18•7		61•5	28•7	16•2	22•5	30•3	93•0	26•8	16•0	21•4	28•3	41•1
6	26• 1-30• 1	26•4	13•2	19•8		0•0	29•3	17•7	23•5	51•1	3•6	29•1	17•0	23•1	47•4	21•5
7	31• 1- 4• 2	26•4	12•0	19•2		14•5	29•8	17•2	23•5	56•4	26•8	28•8	15•9	22•3	42•2	0•5
8	5• 2- 9• 2	26•6	14•1	20•3		23•0	30•3	18•2	24•3	51•1	5•3	29•9	16•9	23•4	38•0	3•3
9	10• 2-14• 2	25•3	13•0	19•1		0•0	29•4	17•5	23•5	56•7	30•2	29•0	16•4	22•7	50•5	15•1
10	15• 2-19• 2	24•8	14•0	19•4		15•5	26•8	15•7	21•3	42•4	19•7	26•7	16•0	21•3	39•7	50•8
11	20• 2-24• 2	25•3	10•7	18•0		0•0	29•7	16•1	22•9	55•0	9•1	28•6	15•8	22•2	43•1	0•0
12	25• 2- 1• 3	29•4	11•9	20•7		5•0	32•0	16•3	24•1	53•3	0•0	31•0	15•8	23•4	57•9	3•3
13	2• 3- 6• 3	26•9	13•9	20•4		9•5	31•2	18•2	24•7	39•4	0•0	31•3	16•5	23•9	53•5	0•0
14	7• 3-11• 3	22•5	14•3	18•4		20•5	27•4	18•1	22•7	22•8	10•8	26•0	17•5	21•7	13•8	18•0
15	12• 3-16• 3	23•9	9•6	16•7		0•0	27•8	13•8	20•8	49•9	0•0	27•7	13•6	20•7	52•5	0•0
16	17• 3-21• 3	23•3	11•1	17•2		1•0	25•4	12•0	18•7	44•9	7•5	27•3	13•0	20•1	47•1	4•8
17	22• 3-26• 3	25•8	7•4	16•6		0•0	31•1	13•8	22•5	56•9	0•0	31•1	12•7	21•9	56•4	0•0
18	27• 3-31• 3	28•7	9•4	19•1		0•0	31•8	15•6	23•7	54•2	0•0	31•0	13•3	22•1	56•8	0•0
19	1• 4- 5• 4	27•1	10•3	18•7		1•0	31•3	14•2	22•7	53•6	0•0	30•6	12•2	21•4	55•0	0•0
20	6• 4-10• 4	24•3	10•2	17•3		11•5	28•2	12•2	20•2	50•2	4•6	28•5	8•9	18•7	59•5	0•0
21	11• 4-15• 4	24•0	9•9	16•9		19•5	29•1	15•2	22•1	43•4	0•3	28•6	12•8	20•7	39•5	5•5
22	16• 4-20• 4	23•4	7•4	15•4		0•0	27•0	11•2	19•1	46•4	0•0	26•8	10•2	18•5	51•7	0•0
23	21• 4-25• 4	24•1	9•4	16•7		0•0	26•1	13•7	19•9	41•9	41•8	26•0	11•6	18•8	31•5	6•0
24	26• 4-30• 4	19•5	8•7	14•1		22•0	22•5	12•1	17•3	40•4	27•3	22•4	12•1	17•3	36•2	33•0
25	1• 5- 5• 5	16•7	1•5	9•1		0•0	19•2	5•0	12•1	47•0	0•3	19•4	4•0	11•7	43•4	7•4
26	6• 5-10• 5	23•3	4•8	14•1		0•0	25•7	8•7	17•2	45•1	0•8	26•4	7•3	16•9	51•1	0•0
27	11• 5-15• 5	19•0	9•7	14•3		9•0	20•2	11•4	15•8	23•1	19•9	22•0	12•2	17•1	25•0	25•8
28	16• 5-20• 5	15•5	2•9	9•2		11•0	17•8	4•0	10•9	41•0	0•6	18•2	5•0	11•6	48•4	0•0
29	21• 5-25• 5	17•7	3•4	10•5		0•0	19•5	5•0	12•3	49•5	0•0	20•7	4•3	12•5	51•8	0•0
30	26• 5-30• 5	16•0	0•3	8•1		0•0	23•3	4•8	14•1	48•0	0•0	23•6	2•8	13•2	51•3	0•0
31	31• 5- 4• 6	21•3	5•6	13•5		0•0	24•4	8•4	16•4	46•8	0•0	24•1	6•6	15•3	48•5	0•0
32	5• 6- 9• 6	18•2	2•7	10•5		0•0	22•2	8•3	15•3	46•5	2•1	22•7	7•1	14•9	34•1	0•6
33	10• 6-14• 6	19•4	-1•8	8•8		0•0	20•9	2•9	11•9	49•3	0•0	21•4	2•9	12•1	48•9	0•0
34	15• 6-19• 6	18•1	0•0	9•1		0•0	21•4	3•0	12•2	48•7	0•0	21•3	2•8	12•1	49•5	0•0
35	20• 6-24• 6	20•4	-1•2	9•6		0•0	21•6	4•2	12•9	48•8	0•0	23•4	3•8	13•6	50•1	0•0
36	25• 6-29• 6	16•8	0•8	8•8		0•0	19•8	3•8	11•8	45•1	0•0	20•3	3•9	12•1	49•5	0•0
37	30• 6- 4• 7	16•3	-0•4	7•9		0•0	19•6	6•7	13•1	36•9	0•0	19•9	4•2	12•1	43•8	0•0
38	5• 7- 9• 7	15•1	3•9	9•5		0•0	20•1	6•3	13•2	40•4	0•0	19•7	6•0	12•9	31•7	0•0
39	10• 7-14• 7	18•3	3•0	10•7		0•0	19•7	7•2	13•5	39•1	11•5	21•5	4•8	13•1	45•4	3•6
40	15• 7-19• 7	16•9	1•1	9•0		8•5	16•2	2•6	9•4	47•8	3•7	17•7	4•7	11•2	42•8	11•1
41	20• 7-24• 7	19•3	-0•9	9•2		0•0	20•9	3•9	12•4	49•8	0•0	21•3	2•1	11•7	52•1	0•0
42	25• 7-29• 7	17•4	-1•3	8•1		0•0	20•9	7•5	14•2	41•1	0•0	20•9	5•5	13•2	42•3	0•0
43	30• 7- 3• 8	18•3	-0•6	8•9		0•0	21•2	3•2	12•2	50•6	0•0	22•6	2•8	12•7	53•3	0•0
44	4• 8- 8• 8	19•5	2•7	11•1		0•0	21•1	3•1	12•1	51•9	0•0	22•5	3•2	12•9	48•8	0•0
45	9• 8-13• 8	18•1	-0•8	8•7		0•0	21•2	5•2	13•2	48•3	0•9	21•3	3•5	12•4	46•2	0•0
46	14• 8-18• 8	17•7	-1•2	8•3		0•0	20•3	4•3	12•3	54•0	0•0	21•2	3•7	12•5	54•2	0•0
47	19• 8-23• 8	18•3	-0•3	9•0		0•0	22•0	3•5	12•7	54•7	0•0	22•1	2•3	12•2	54•8	0•0
48	24• 8-28• 8	22•5	3•4	12•9		0•0	25•6	6•0	15•8	54•9	0•0	25•5	3•9	14•7	54•6	0•0
49	29• 8- 2• 9	17•9	2•3	10•1		0•0	22•0	3•9	12•9	54•2	0•0	22•9	3•6	13•3	53•8	0•1
50	3• 9- 7• 9	19•0	2•2	10•6		0•0	26•8	6•5	16•7	54•5	0•0	26•5	3•8	15•1	55•3	0•0
51	8• 9-12• 9	21•1	8•0	14•5		6•0	26•7	11•4	19•1	50•3	0•0	26•4	8•9	17•7	40•0	0•4
52	13• 9-17• 9	18•0	2•9	10•5		33•0	22•3	7•4	14•9	55•3	0•0	22•8	7•1	14•9	54•9	0•0
53	18• 9-22• 9	25•2	7•1	16•1		0•0	28•2	11•4	19•8	53•7	0•0	28•9	9•0	18•9	51•7	0•0
54	23• 9-27• 9	25•4	8•8	17•1		0•0	29•7	12•0	20•9	56•1	0•0	29•0	9•7	19•3	55•9	0•0
55	28• 9- 2•10	28•7	10•7	19•7		0•0	32•4	16•3	24•3	48•5	0•0	32•3	12•0	22•1	54•6	0•0
56	3•10- 7•10	19•0	3•1	11•1		1•0	21•8	6•9	14•3	49•1	0•2	22•9	9•7	16•3	50•3	0•0
57	8•10-12•10	24•0	6•9	15•5		3•2	27•3	12•3	19•8	46•9	2•1	28•3	8•9	18•6	44•5	6•4
58	13•10-17•10	30•2	11•3	20•7		0•0	34•9	16•5	25•7	53•6	0•0	34•4	12•9	23•7	54•8	0•0
59	18•10-22•10	22•2	11•3	16•7		44•5	30•6	16•9	23•7	43•8	6•5	29•1	15•6	22•3	34•4	4•8
60	23•10-27•10	24•1	11•5	17•8		13•0	31•4	17•0	24•2	54•3	0•0	31•0	15•9	23•5	45•7	1•2
61	28•10- 1•11	26•7	11•5	19•1		1•0	31•3	14•6	22•9	54•2	9•5	32•4	15•3	23•9	49•5	0•3
62	2•11- 6•11	20•8	8•4	14•6		11•0	29•5	13•7	21•6	60•0	0•0	28•5	11•0	19•7	47•6	4•2
63	7•11-11•11	22•6	12•4	17•5		19•5	29•4	16•8	23•1	34•3	5•3	28•4	16•5	22•5	28•0	57•0
64	12•11-16•11	25•4	12•7	19•1		99•5	31•9	17•2	24•5	51•0	39•0	30•0	15•6	22•8	45•9	0•2
65	17•11-21•11	22•4	11•0	16•7		45•5	27•2	14•6	20•9	43•8	50•9	26•2	14•9	20•5	36•8	112•2
66	22•11-26•11	23•8	10•8	17•3		55•0	31•3	16•7	24•0	55•0	0•0	30•1	14•0	22•1	51•4	1•1
67	27•11- 1•12	27•6	14•3	20•9		32•5	31•3	19•4	25•3	35•8	32•6	30•9	17•8	24•3	36•1	10•5
68	2•12- 6•12	20•8	12•5	16•7		13•5	24•9	15•7	20•3	33•0	63•4	23•8	15•7	19•7	22•0	27•9
69	7•12-11•12	22•7	12•4	17•5		36•5	27•9	14•5	21•2	46•6	3•0	27•0	15•1	21•1	34•2	5•2
70	12•12-16•12	27•9	15•3	21•6		0•0	32•0	18•8	25•4	58•1	2•9	31•7	17•7	24•7	54•9	0•0
71	17•12-21•12	23•4	13•5	18•5		48•5	30•0	17•2	23•6	57•2	2•9	28•2	17•7	22•9	36•6	18•
72	22•12-26•12	26•7	13•5	20•1		14•2	30•3	17•7	24•0	51•7	18•2	28•8	16•1	22•5	41•0	12•4
73	27•12-31•12	25•9	13•5	19•7		0•0	31•0	17•1	24•1	53•7	15•5	29•4	16•6	23•0	34•7	1•2

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		ROODEPLAAT 513/605 25°35'S 28°21'E H1164M					NELSPRUIT 555/837 25°27'S 30°58'E H 668M					TONDOMBA 589/594 24°54'S 28°20'E H1139M				
PT NO	DATUMS/DATES 1959	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM
1	1- 1- 5- 1	30·5	17·1	23·8	45·3	0·0	28·4	18·3	23·3	19·1	36·9	30·5	17·0	23·7	38·9	0·0
2	6- 1-10- 1	27·4	16·9	22·1	30·6	18·4	26·9	19·0	22·9	18·3	56·0	27·0	17·1	22·1	31·5	8·0
3	11- 1-15- 1	26·9	12·3	19·6	56·5	2·5	26·9	16·4	21·7	35·2	4·3	27·5	12·5	20·0	56·3	12·0
4	16- 1-20- 1	31·4	14·4	22·9	48·6	15·5	31·5	17·6	24·5	38·6	3·4	30·6	16·1	23·5	46·3	8·7
5	21- 1-25- 1	27·9	16·7	22·3	30·6	33·6	27·7	17·1	22·4	11·8	17·5	28·9	16·7	22·8	30·1	7·2
6	26- 1-30- 1	30·2	17·5	23·9	48·0	26·0	31·0	20·1	25·5	53·3	36·2	31·3	17·5	24·4	48·8	12·9
7	31- 1- 4- 2	29·2	16·4	22·8	45·4	24·2	29·9	18·2	24·1	58·1	4·4	29·3	16·4	22·9	41·6	13·7
8	5- 2- 9- 2	30·8	17·3	24·1	44·8	3·1	31·3	19·6	25·5	55·5	26·4	29·3	17·3	23·3	39·0	53·0
9	10- 2-14- 2	29·0	15·3	22·1	51·4	1·0	28·1	18·7	23·4	55·0	0·0	27·6	15·5	21·5	45·8	4·0
10	15- 2-19- 2	28·4	16·7	22·5	43·1	50·0	28·6	20·1	24·3	21·4	82·4	28·8	16·9	22·9	36·9	8·0
11	20- 2-24- 2	28·9	14·7	21·8	46·4	15·5	27·0	17·0	22·0	40·1	0·0	28·2	14·7	21·5	46·7	8·8
12	25- 2- 1- 3	31·2	14·4	22·8	57·1	7·3	30·2	16·8	23·5	47·4	0·0	30·9	14·6	22·7	56·9	0·0
13	2- 3- 6- 3	31·3	15·3	23·3	53·1	9·0	30·9	18·2	24·5	37·4	0·4	31·5	16·2	23·9	52·0	22·3
14	7- 3-11- 3	25·6	17·5	21·5	18·7	11·5	26·9	19·0	22·9	15·0	11·7	24·6	17·3	20·9	12·5	63·5
15	12- 3-16- 3	27·4	13·0	20·2	51·7	0·0	27·7	15·0	21·3	39·6	0·0	26·0	13·0	19·5	46·7	0·0
16	17- 3-21- 3	27·1	13·3	20·2	45·9	2·0	27·9	16·2	22·1	24·7	4·0	27·1	13·4	20·3	40·7	0·0
17	22- 3-26- 3	30·6	11·7	21·1	54·5	0·0	28·2	14·2	21·2	38·6	5·7	28·6	12·3	20·5	53·5	0·3
18	27- 3-31- 3	31·0	13·1	22·1	56·8	0·0	30·9	17·4	24·1	49·1	0·0	30·0	13·4	21·7	54·8	0·0
19	1- 4- 5- 4	30·9	12·1	21·5	56·3	0·0	30·1	16·1	23·1	38·8	0·0	30·8	12·9	21·9	53·4	0·0
20	6- 4-10- 4	28·2	11·5	19·9	53·9	10·4	30·4	16·7	23·5	35·0	0·6	30·1	11·6	20·9	51·6	0·0
21	11- 4-15- 4	28·6	13·0	20·8	43·1	0·0	29·2	17·1	23·1	38·1	0·0	29·0	14·1	21·5	43·5	0·0
22	16- 4-20- 4	26·5	10·4	18·5	50·5	0·0	26·8	14·8	20·8	37·1	0·0	25·8	9·9	17·9	44·4	0·0
23	21- 4-25- 4	26·9	11·3	19·1	44·6	4·7	28·5	13·7	21·1	31·3	2·0	28·3	11·9	20·1	40·4	4·8
24	26- 4-30- 4	23·5	12·2	17·9	40·0	9·1	27·3	14·8	21·1	38·6	0·3	25·5	12·5	19·0	36·4	15·0
25	1- 5- 5- 5	19·9	4·0	11·9	44·8	0·7	26·3	8·6	17·5	44·4	5·0	21·0	4·0	12·5	40·6	3·3
26	6- 5-10- 5	27·8	6·4	17·1	53·4	0·0	31·5	10·1	20·8	49·0	0·0	29·7	8·4	19·1	50·6	0·0
27	11- 5-15- 5	22·5	11·7	17·1	26·7	14·0	26·8	13·5	20·2	19·3	9·8	24·3	13·5	18·9	20·8	17·8
28	16- 5-20- 5	18·7	3·6	11·1	46·1	0·0	21·6	9·5	15·6	35·6	37·9	19·7	4·4	12·1	42·5	0·0
29	21- 5-25- 5	21·9	2·8	12·3	51·7	0·0	26·9	7·4	17·1	47·1	0·0	23·4	4·8	14·1	48·5	0·0
30	26- 5-30- 5	24·2	2·3	13·3	51·4	0·0	27·2	7·6	17·4	46·3	0·0	24·7	2·5	13·6	48·5	0·0
31	31- 5- 4- 6	25·2	5·7	15·5	50·2	0·0	26·7	9·5	18·1	43·5	0·0	27·0	7·1	17·1	47·5	0·0
32	5- 6- 9- 6	23·2	6·3	14·7	39·2	0·8	27·7	9·1	18·4	40·2	3·0	24·2	7·4	15·8	38·2	0·0
33	10- 6-14- 6	22·4	2·2	12·3	50·1	0·0	23·7	4·4	14·1	43·6	0·0	22·2	2·2	12·2	47·5	0·0
34	15- 6-19- 6	21·6	3·0	12·3	49·1	0·0	23·7	7·3	15·5	36·8	0·5	22·0	3·4	12·7	46·4	0·0
35	20- 6-24- 6	23·8	2·1	12·9	49·6	0·0	28·6	6·0	17·3	42·7	0·0	24·5	3·3	13·9	48·3	0·0
36	25- 6-29- 6	20·5	5·8	13·1	45·3	0·0	25·1	7·3	16·2	36·4	0·0	21·3	4·1	12·7	38·2	0·0
37	30- 6- 4- 7	19·9	3·8	11·9	49·0	0·0	25·6	6·3	15·9	40·2	0·5	21·0	3·0	12·0	47·5	0·0
38	5- 7- 9- 7	19·9	7·0	13·5	34·6	0·0	24·4	11·0	17·7	21·0	0·3	20·0	8·2	14·1	20·2	0·0
39	10- 7-14- 7	21·9	5·1	13·5	47·6	0·0	28·1	7·1	17·6	44·2	0·0	23·9	5·4	14·7	42·6	0·0
40	15- 7-19- 7	18·5	4·9	11·7	35·8	5·0	24·7	10·4	17·5	30·6	0·1	19·6	5·1	12·3	35·9	1·0
41	20- 7-24- 7	21·9	3·0	12·5	51·9	0·0	27·3	4·3	15·8	46·1	0·0	23·5	2·5	13·0	48·7	0·0
42	25- 7-29- 7	21·3	3·4	12·3	50·0	0·0	25·4	6·7	16·1	46·6	0·0	22·0	5·5	13·7	41·0	0·0
43	30- 7- 3- 8	22·5	4·5	13·5	51·8	0·0	27·5	7·4	17·5	31·4	0·0	23·1	3·7	13·4	50·9	0·0
44	4- 8- 8- 8	23·0	3·9	13·5	42·2	0·0	25·5	8·2	16·9	33·9	0·7	25·0	4·1	14·5	45·9	0·0
45	9- 8-13- 8	21·3	4·3	12·8	44·7	0·0	25·2	7·0	16·1	38·6	0·0	21·3	5·3	13·3	39·8	0·0
46	14- 8-18- 8	21·9	3·0	12·5	53·8	0·0	27·3	8·0	17·7	39·6	0·7	22·9	2·6	12·7	51·4	0·0
47	19- 8-23- 8	22·1	2·7	12·4	54·5	0·0	25·3	6·5	15·9	47·5	0·0	21·7	2·9	12·3	49·9	0·0
48	24- 8-28- 8	25·7	4·6	15·1	53·4	0·0	29·7	7·4	18·5	51·3	0·0	25·9	5·2	15·5	62·6	0·0
49	29- 8- 2- 9	22·5	4·9	13·7	54·4	0·0	29·3	8·9	19·1	48·6	0·0	23·4	4·4	13·9	53·7	0·0
50	3- 9- 7- 9	26·8	3·5	15·1	55·2	0·0	30·6	6·5	18·5	53·6	0·0	27·2	4·1	15·7	54·2	0·0
51	8- 9-12- 9	25·9	9·6	17·7	39·9	6·0	28·5	10·9	19·7	26·3	3·0	27·4	9·5	18·5	39·4	0·1
52	13- 9-17- 9	22·7	7·5	15·1	52·2	0·5	22·8	10·3	16·5	34·7	28·9	23·8	7·7	15·7	53·6	0·0
53	18- 9-22- 9	28·7	9·9	19·3	53·2	0·0	31·0	12·0	21·5	45·6	0·0	30·3	12·0	21·1	51·8	0·0
54	23- 9-27- 9	28·4	10·1	19·3	54·1	0·0	27·8	13·5	20·7	30·9	0·0	29·6	10·7	20·1	54·7	0·0
55	28- 9- 2-10	31·8	11·2	21·5	52·7	0·0	33·7	13·5	23·6	51·7	0·0	33·2	12·4	22·8	53·5	0·0
56	3-10- 7-10	22·9	8·6	15·7	51·2	0·0	25·3	12·1	18·7	46·2	16·4	25·0	7·0	16·0	50·0	0·0
57	8-10-12-10	28·3	11·8	20·1	45·0	0·0	26·4	11·5	18·9	25·0	3·2	29·8	12·4	21·1	40·5	0·7
58	13-10-17-10	33·7	15·6	24·7	57·8	0·0	30·4	17·4	23·9	24·1	21·2	35·1	15·5	25·3	51·2	0·3
59	18-10-22-10	28·2	16·1	22·1	37·2	7·5	22·9	16·6	19·7	9·1	23·7	30·1	16·6	23·3	36·5	1·1
60	23-10-27-10	28·8	16·0	22·4	50·6	12·5	26·7	16·0	21·3	25·3	7·1	31·4	15·5	23·5	46·1	2·0
61	28-10- 1-11	31·1	14·4	22·7	55·3	12·7	32·6	18·7	25·7	37·0	2·9	33·1	16·6	24·9	54·8	17·0
62	2-11- 6-11	25·7	11·3	18·5	44·7	22·4	24·5	12·7	18·6	33·9	8·3	28·9	13·0	20·9	51·2	0·0
63	7-11-11-11	27·0	15·8	21·4	36·2	59·2	27·6	17·4	22·5	25·9	5·2	29·8	15·8	22·8	37·0	25·5
64	12-11-16-11	28·7	16·3	22·5	47·1	3·0	29·6	18·1	23·9	23·5	27·8	29·9	16·5	23·2	30·3	4·9
65	17-11-21-11	25·5	15·4	20·5	35·3	37·6	25·5	17·3	21·4	17·1	4·5	26·1	15·7	20·9	33·3	36·0
66	22-11-26-11	28·7	14·6	21·7	54·0	9·7	27·3	17·9	22·6	23·6	0·2	30·1	14·7	22·4	53·3	34·4
67	27-11- 1-12	31·0	17·6	24·3	47·4	13·6	31·6	19·0	25·3	24·9	14·1	32·3	18·0	25·1	49·6	15·7
68	2-12- 6-12	24·4	16·4	20·4	21·9	32·3	24·8	17·1	20·9	8·7	32·3	24·3	15·9	20·1	18·0	70·1
69	7-12-11-12	25·8	15·1	20·5	36·4	6·9	27·6	16·6	22·1	28·0	5·0	26·2	14·7	20·5	35·7	19·4
70	12-12-16-12	31·1	16·9	24·0	55·9	0·2	33·7	19·2	26·5	49·4	7·6	31·7	18·2	24·9	58·4	0·0
71	17-12-21-12	27·2	16·9	22·1	39·1	50·6	27·5	18·5	23·0	18·3	41·8	28·4	18·0	23·2	43·1	10·6
72	22-12-26-12	28·8	16·8	22·8	48·1	0·0	31·1	18·3	24·7	46·0	34·7	30·3	17·4	23·9	50·9	9·6
73	27-12-31-12	29·1	17·3	23·2	44·9	0·0	25·4	18·3	21·9	15·9	8·4	30·7	17·5	24·1	49·3	0·0

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		AMSTERDAM CRECY 590/550A 24°40' S 28°49' E H1036M					FLEUR DE LYS 595/ 32 24°32' S 31°02' E H 622M					PIETERSBURG 677/802 23°52' S 29°27' E H1230M				
PT NO	DATUMS/DATES 1959	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM
1	1- 1- 5- 1	30·5	17·2	23·9	39·5	6·0	29·3	18·4	23·9	35·9	5·7	27·0	17·0	22·0	41·4	1·5
2	6- 1-10- 1	27·0	17·1	22·1	31·2	58·0	26·6	18·9	22·7	14·3	94·9	24·6	17·3	20·9	12·0	23·0
3	11- 1-15- 1	28·1	13·9	21·0	54·5	4·0	27·2	17·1	22·1	34·9	9·7	25·6	15·6	20·6	43·1	1·3
4	16- 1-20- 1	30·7	14·9	22·8	41·1	3·6	31·1	18·5	24·8	41·4	7·0	28·5	15·9	22·2	50·1	5·6
5	21- 1-25- 1	29·1	16·4	22·7	28·2	8·5	28·5	19·6	24·1	25·9	29·5	26·0	16·6	21·3	24·9	0·3
6	26- 1-30- 1	32·1	17·6	24·9	45·0	24·5	31·8	20·2	26·0	46·7	18·3	28·9	17·5	23·2	40·7	4·0
7	31- 1- 4- 2	28·8	16·4	22·6	39·5	25·4	29·1	18·3	23·7	26·1	21·6	27·3	15·9	21·6	25·4	27·0
8	5- 2- 9- 2	29·8	17·5	23·7	36·9	8·3	31·1	20·3	25·7	38·4	17·5	28·3	17·2	22·7	33·7	40·1
9	10- 2-14- 2	29·0	15·3	22·1	48·7	0·0	27·9	18·1	23·0	35·5	1·6	25·3	15·3	20·3	36·8	0·7
10	15- 2-19- 2	30·2	17·0	23·6	38·0	31·6	28·5	20·1	24·3	27·6	153·8	27·2	18·2	22·7	31·4	11·9
11	20- 2-24- 2	29·1	14·2	21·7	43·4	1·5	26·6	17·3	21·9	46·5	63·0	25·6	13·7	19·7	46·1	11·3
12	25- 2- 1- 3	32·1	15·5	23·8	55·0	0·0	29·3	17·1	23·2	55·3	0·0	28·1	13·4	20·7	59·2	0·0
13	2- 3- 6- 3	32·9	14·7	23·8	49·6	5·8	30·2	18·7	24·5	40·4	4·3	29·2	15·3	22·3	46·7	15·1
14	7- 3-11- 3	25·8	16·9	21·3	12·6	40·0	29·2	19·5	24·3	26·1	1·6	25·0	16·8	20·9	20·5	10·3
15	12- 3-16- 3	27·4	11·8	19·6	46·1	0·0	26·8	16·4	21·6	38·5	0·0	24·5	12·6	18·5	33·7	0·0
16	17- 3-21- 3	27·8	14·1	20·9	34·6	0·0	28·0	16·4	22·2	28·9	16·4	25·6	13·4	19·5	31·1	0·2
17	22- 3-26- 3	30·2	11·7	20·9	54·6	0·0	27·1	16·5	21·8	44·6	10·8	27·0	12·3	19·7	44·8	0·0
18	27- 3-28- 3	31·4	11·6	21·5	55·5	0·0	29·7	18·3	24·0	44·8	3·5	28·3	13·6	20·9	48·9	0·0
19	1- 4- 5- 4	32·0	10·9	21·5	47·9	0·0	29·6	17·6	23·6	41·3	0·0	28·1	11·6	19·9	45·1	5·8
20	6- 4-10- 4	30·3	11·1	20·7	49·1	0·3	30·2	18·3	24·3	38·2	0·6	27·1	13·9	20·5	38·0	0·0
21	11- 4-15- 4	29·9	11·9	20·9	45·0	0·0	29·4	18·4	23·9	36·6	1·0	26·8	13·2	20·0	42·2	0·0
22	16- 4-20- 4	26·6	8·4	17·5	43·8	0·0	26·4	15·4	20·9	32·3	1·0	23·4	9·4	16·4	44·1	0·0
23	21- 4-25- 4	28·6	11·1	19·9	39·4	5·4	30·2	16·7	23·5	41·5	0·0	26·2	11·0	18·6	39·5	0·1
24	26- 4-30- 4	26·3	10·8	18·5	42·1	5·0	27·9	16·4	22·1	43·0	1·3	24·6	11·5	17·9	41·8	10·0
25	1- 5- 5- 5	22·7	4·0	13·3	43·3	0·8	27·4	11·4	19·4	48·4	0·0	22·0	5·1	13·5	46·5	0·0
26	6- 5-10- 5	30·6	6·3	18·5	51·3	0·0	31·0	13·4	22·2	51·6	0·0	27·9	7·9	17·9	52·2	0·0
27	11- 5-15- 5	26·1	11·8	18·9	29·9	17·9	28·2	16·5	22·3	29·2	3·3	24·2	12·1	18·1	25·2	2·0
28	16- 5-20- 5	20·7	4·2	12·5	42·3	0·5	21·9	10·1	16·0	32·6	0·4	19·0	4·8	11·9	42·7	0·0
29	21- 5-25- 5	24·5	4·5	14·5	48·3	0·0	28·3	11·5	19·9	49·9	0·0	24·2	4·1	14·1	52·2	0·0
30	26- 5-30- 5	25·7	1·9	13·8	48·5	0·0	27·8	9·4	18·6	48·7	0·0	23·7	4·6	14·1	51·7	0·0
31	31- 5- 4- 6	27·5	4·8	16·1	47·9	0·0	27·9	12·1	20·0	44·0	0·0	24·8	6·9	15·8	46·4	0·0
32	5- 6- 9- 6	25·3	6·5	15·9	39·8	0·0	27·6	11·8	19·7	47·8	0·0	23·8	7·4	15·6	44·2	0·0
33	10- 6-14- 6	22·9	0·8	11·9	46·8	0·0	24·1	6·0	15·1	49·0	0·0	21·3	3·0	12·1	47·5	0·0
34	15- 6-19- 6	23·1	2·7	12·9	46·3	0·0	24·1	9·6	16·9	39·1	0·0	20·5	4·3	12·4	38·9	0·0
35	20- 6-24- 6	24·6	2·2	13·4	46·8	0·0	27·8	7·5	17·7	48·9	0·0	23·0	3·1	13·1	49·1	0·0
36	25- 6-29- 6	22·4	3·3	12·9	39·7	0·0	23·2	10·3	16·7	36·8	0·0	19·4	5·3	12·3	29·4	0·0
37	30- 6- 4- 7	21·9	2·7	12·3	46·6	0·0	23·6	9·9	16·7	43·3	2·2	19·3	4·9	12·1	35·4	0·0
38	5- 7- 9- 7	20·2	7·5	13·9	16·2	1·0	22·1	12·8	17·5	16·7	3·5	17·6	9·1	13·3	6·2	7·6
39	10- 7-14- 7	24·2	3·7	13·9	46·7	0·0	26·4	10·3	18·3	46·2	0·0	21·8	5·1	13·5	46·2	0·0
40	15- 7-19- 7	20·7	4·1	12·4	35·8	0·0	22·2	13·0	17·6	31·7	3·6	19·8	8·1	13·9	35·5	0·1
41	20- 7-24- 7	24·6	1·1	12·9	49·8	0·0	25·6	6·5	16·1	49·6	0·0	22·7	3·0	12·9	52·0	0·0
42	25- 7-29- 7	23·1	4·2	13·7	41·0	0·0	23·3	9·2	16·3	47·1	0·0	19·7	6·0	12·9	35·1	0·0
43	30- 7- 3- 8	24·5	4·4	14·5	51·3	0·0	25·3	9·8	17·5	46·9	0·0	22·4	4·2	13·3	47·6	0·0
44	4- 8- 8- 8	26·0	5·3	15·7	45·5	0·0	25·0	9·8	17·4	39·9	0·0	23·9	6·6	15·3	42·7	0·0
45	9- 8-13- 8	22·6	4·8	13·7	40·5	0·0	22·1	8·9	15·5	34·5	1·9	19·8	5·5	12·7	40·3	0·0
46	14- 8-18- 8	24·2	2·9	13·5	52·7	0·0	25·6	10·5	18·1	41·8	0·0	22·4	4·7	13·5	44·9	0·0
47	19- 8-23- 8	23·0	1·7	12·3	54·2	0·0	23·0	9·1	16·1	49·6	0·0	19·6	4·3	11·9	51·8	0·0
48	24- 8-28- 8	27·8	3·5	15·7	55·4	0·0	27·3	8·9	18·1	53·3	0·0	24·8	6·2	15·5	53·6	0·0
49	29- 8- 2- 9	24·9	5·3	15·1	54·0	0·0	27·3	10·2	18·7	49·3	0·0	22·4	5·8	14·1	53·8	0·0
50	3- 9- 7- 9	28·2	2·9	15·5	55·8	0·0	27·9	9·2	18·5	52·8	0·0	25·2	4·6	14·9	54·2	0·0
51	8- 9-12- 9	27·9	9·0	18·5	38·0	0·0	27·8	13·6	20·7	29·4	14·0	25·3	9·2	17·3	40·4	6·0
52	13- 9-17- 9	24·9	5·7	15·3	47·8	0·0	21·0	10·6	15·8	33·3	33·0	20·6	7·2	13·9	58·4	1·2
53	18- 9-22- 9	31·3	9·6	20·5	51·7	0·0	29·1	15·0	22·1	52·3	0·7	28·3	10·2	19·3	53·6	0·0
54	23- 9-27- 9	30·4	9·6	20·0	51·6	0·0	25·7	14·2	19·9	34·1	0·0	25·0	10·6	17·8	42·8	0·0
55	28- 9- 2-10	34·9	10·6	22·7	55·5	0·0	32·4	14·4	23·4	43·2	0·0	31·0	11·6	21·3	56·4	0·0
56	3-10- 7-10	26·6	8·0	17·3	46·6	0·0	25·4	14·9	20·1	45·0	6·3	24·9	10·8	17·9	48·8	0·3
57	8-10-12-10	30·6	11·9	21·3	37·8	4·0	26·8	12·7	19·7	32·8	0·0	27·0	11·2	19·1	43·3	0·3
58	13-10-17-10	35·6	14·8	25·2	47·0	5·1	32·0	18·5	25·3	34·7	0·3	30·5	16·3	23·4	48·7	11·2
59	18-10-22-10	30·5	16·9	23·7	33·2	0·0	22·9	16·8	19·9	10·2	4·9	25·5	16·0	20·7	17·9	0·0
60	23-10-27-10	32·6	15·1	23·9	45·1	2·5	27·1	16·4	21·7	29·5	10·5	27·2	13·8	20·5	36·9	18·1
61	28-10- 1-11	34·2	15·9	25·1	54·2	10·5	33·2	20·1	26·7	38·1	1·9	31·4	17·9	24·7	42·4	7·6
62	2-11- 6-11	29·5	12·2	20·9	44·6	0·0	24·5	12·6	18·5	34·4	0·8	25·1	12·3	18·7	36·7	0·0
63	7-11-11-11	31·0	15·9	23·5	35·9	65·3	28·3	17·0	22·7	27·0	34·0	27·0	15·0	21·0	36·5	19·2
64	12-11-16-11	30·6	16·0	23·3	30·6	6·8	29·3	18·9	24·1	29·5	25·3	26·4	15·9	21·1	24·7	59·5
65	17-11-21-11	26·7	15·4	21·1	28·9	24·9	26·0	17·5	21·7	30·6	2·3	24·0	14·5	19·3	29·3	9·0
66	22-11-26-11	30·7	15·2	22·9	54·7	14·7	28·1	16·8	22·5	33·1	0·1	26·6	13·8	20·2	58·1	5·6
67	27-11- 1-12	33·4	17·4	25·4	42·1	14·8	32·7	19·0	25·9	44·8	37·0	29·6	17·2	23·4	47·3	41·1
68	2-12- 6-12	24·8	15·7	20·3	10·9	113·6	24·8	16·9	20·9	17·2	20·0	23·0	14·9	18·9	20·9	58·6
69	7-12-11-12	26·3	14·7	20·5	31·9	2·1	27·7	17·3	22·5	26·4	22·6	24·4	14·3	19·3	30·8	4·7
70	12-12-16-12	32·3	17·8	25·1	53·8	10·3	33·6	20·0	26·8	48·3	0·0	29·7	17·6	23·7	55·5	0·0
71	17-12-21-12	28·1	17·7	22·9	28·0	6·0	26·8	19·3	23·1	19·2	22·6	25·1	17·9	21·5	16·8	13·7
72	22-12-26-12	31·7	16·7	24·2	50·5	8·0	30·9	19·5	25·2	49·7	23·9	28·4	16·7	22·5	40·3	6·1
73	27-12-31-12	30·6	16·6	23·6	43·8	0·0	25·6	17·9	21·7	18·7	7·9	25·5	15·3	20·4	36·8	31·

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		PHALABORWA 681/209 23°59'S H 398M 31°07'E					MARA 722/ 99 23°09'S H 894M 29°34'E					WINDHOEK 740/154 22°34'S H1728M 17°06'E				
PT NO	DATUMS/DATES 1 9 5 9	TX °C	TN °C	TM °C	SS HU	R MM	TX °C	TN °C	TM °C	SS HU	R MM	TX °C	TN °C	TM °C	SS HU	R MM
1	1- 1- 5- 1	32·5	20·3	26·4	34·8	1·5	29·3	17·6	23·5	-	27·8	31·0	16·8	23·9	49·9	24·8
2	6- 1-10- 1	27·6	21·0	24·3	13·7	117·8	24·4	18·6	21·5	-	33·6	31·1	14·7	22·9	58·5	2·1
3	11- 1-15- 1	29·0	18·9	23·9	37·1	0·5	27·1	16·3	21·7	-	2·6	30·9	16·7	23·8	57·7	0·0
4	16- 1-20- 1	33·2	18·9	26·1	42·5	7·5	31·4	17·1	24·3	-	0·8	30·5	16·8	23·7	39·1	0·0
5	21- 1-25- 1	30·9	20·5	25·7	26·6	0·5	27·9	17·8	22·9	-	7·0	29·9	15·0	22·5	49·2	3·6
6	26- 1-30- 1	34·6	22·1	28·3	42·8	0·0	31·5	17·3	24·4	-	0·0	31·2	18·0	24·6	45·1	17·3
7	31- 1- 4- 2	33·2	20·1	26·7	36·4	2·3	29·8	16·7	23·3	-	0·2	29·3	17·6	23·5	43·9	19·8
8	5- 2- 9- 2	33·6	20·6	27·1	42·5	50·7	31·9	18·4	25·1	-	0·0	27·6	17·3	22·5	21·6	10·1
9	10- 2-14- 2	29·3	18·9	24·1	35·1	0·0	27·2	16·3	21·7	-	0·0	26·3	15·7	21·0	21·4	34·2
10	15- 2-19- 2	31·1	21·6	26·3	33·2	36·4	29·5	19·4	24·5	-	24·8	26·6	10·5	18·5	62·2	0·0
11	20- 2-24- 2	28·5	18·1	23·3	44·8	23·3	27·5	14·3	20·9	-	0·0	30·1	17·5	23·8	48·2	9·5
12	25- 2- 1- 3	31·1	17·5	24·3	50·7	0·0	30·0	13·8	21·9	-	0·0	30·2	17·7	23·9	37·0	10·6
13	2- 3- 6- 3	32·4	19·9	26·1	43·3	13·0	31·6	15·6	23·6	48·3	5·0	29·0	15·6	22·3	46·2	0·0
14	7- 3-11- 3	29·9	20·2	25·1	23·0	23·9	26·9	17·8	22·3	25·4	33·6	29·3	17·2	23·3	31·0	5·3
15	12- 3-16- 3	27·5	17·3	22·4	31·5	1·1	25·2	13·5	19·3	31·5	2·2	27·5	15·5	21·5	41·8	12·9
16	17- 3-21- 3	29·6	16·8	23·2	17·8	5·0	26·5	13·9	20·2	30·8	0·0	28·3	14·4	21·3	55·9	0·0
17	22- 3-26- 3	29·3	17·3	23·3	38·6	4·2	28·2	13·4	20·8	45·5	0·0	31·0	18·9	24·9	38·7	0·0
18	27- 3-31- 3	31·4	19·0	25·2	41·2	0·0	29·5	15·4	22·5	38·3	0·0	31·1	17·7	24·4	39·6	0·3
19	1- 4- 5- 4	32·2	17·5	24·9	34·1	0·7	29·8	12·0	20·9	51·6	0·0	30·2	17·0	23·6	43·5	0·0
20	6- 4-10- 4	32·0	18·6	25·3	19·2	4·2	29·3	16·1	22·7	35·0	0·0	28·7	15·4	22·1	50·1	20·0
21	11- 4-15- 4	31·4	18·1	24·7	38·5	0·0	29·3	14·1	21·7	42·4	0·4	27·9	15·0	21·5	40·5	5·8
22	16- 4-20- 4	28·5	14·9	21·7	26·2	0·0	24·8	10·4	17·6	37·9	0·0	25·7	14·0	19·9	45·4	6·5
23	21- 4-25- 4	32·5	16·0	24·3	38·8	0·0	29·2	12·4	20·8	46·4	0·0	26·2	11·8	19·0	54·7	0·0
24	26- 4-30- 4	29·8	17·1	23·5	37·7	3·2	25·8	13·2	19·5	31·1	6·5	22·3	10·1	16·2	41·0	0·0
25	1- 5- 5- 5	28·8	10·5	19·7	46·2	0·0	25·5	6·1	15·8	48·4	0·0	23·1	7·4	15·3	53·2	0·3
26	6- 5-10- 5	32·6	11·5	22·1	45·2	0·0	30·9	9·0	19·9	50·8	0·0	24·8	11·1	17·9	53·9	0·0
27	11- 5-15- 5	30·4	15·9	23·1	36·7	3·8	27·2	13·2	20·2	37·1	8·0	20·4	4·9	12·7	53·8	0·0
28	16- 5-20- 5	23·8	10·9	17·3	30·8	0·0	22·1	5·0	13·5	44·3	0·0	20·8	5·5	13·1	53·3	0·0
29	21- 5-25- 5	30·3	9·2	19·7	47·3	0·0	27·2	5·2	16·2	52·0	0·0	19·1	4·6	11·9	44·1	0·0
30	26- 5-30- 5	29·8	9·7	19·7	46·8	0·0	26·5	3·6	15·1	48·1	0·0	23·2	9·4	16·3	52·8	0·0
31	31- 5- 4- 6	30·1	11·6	20·9	43·7	0·0	27·3	7·1	17·2	45·9	0·0	23·5	10·2	16·9	47·2	0·0
32	5- 6- 9- 6	29·7	11·5	20·6	46·4	0·0	27·4	7·8	17·6	49·4	0·0	20·9	9·3	15·1	47·1	0·0
33	10- 6-14- 6	25·7	5·4	15·5	47·7	0·0	22·5	2·7	12·6	48·5	0·0	20·0	7·3	13·7	47·5	0·0
34	15- 6-19- 6	25·4	9·6	17·5	33·9	0·8	22·1	4·9	13·5	40·5	0·0	21·1	8·2	14·1	44·9	0·0
35	20- 6-24- 6	29·3	6·5	17·9	48·1	0·0	25·5	3·5	14·5	49·5	0·0	20·9	7·5	14·2	50·0	0·0
36	25- 6-29- 6	25·3	11·7	18·5	33·9	0·0	20·7	6·8	13·7	28·8	0·0	20·7	6·5	13·6	50·9	0·0
37	30- 6- 4- 7	25·5	10·5	18·0	37·9	18·0	21·3	5·8	13·5	32·0	0·0	20·2	7·9	14·1	50·9	0·0
38	5- 7- 9- 7	22·6	14·6	18·6	10·8	3·5	20·0	11·7	15·9	9·8	0·0	20·8	8·7	14·7	49·8	0·0
39	10- 7-14- 7	27·2	10·2	18·7	44·8	0·0	24·7	5·7	15·2	49·6	0·0	18·5	4·5	11·5	51·5	0·0
40	15- 7-19- 7	24·2	12·8	18·5	29·2	3·2	22·3	9·2	15·7	37·6	0·0	19·3	3·3	11·3	52·0	0·0
41	20- 7-24- 7	26·6	6·4	16·5	47·7	0·0	24·2	3·2	13·7	51·5	0·0	21·0	5·7	13·3	52·2	0·0
42	25- 7-29- 7	25·7	10·1	17·9	43·8	0·0	22·2	6·0	14·1	33·6	0·0	21·4	8·4	14·9	52·4	0·0
43	30- 7- 3- 8	27·3	9·7	18·5	42·2	0·0	24·3	5·3	14·8	48·7	0·0	21·3	7·2	14·3	53·0	0·0
44	4- 8- 8- 8	27·1	11·1	19·1	39·7	0·0	25·2	8·2	16·7	42·2	0·0	20·5	5·6	13·1	54·0	0·0
45	9- 8-13- 8	23·3	10·5	16·9	29·8	0·7	20·9	7·0	13·9	38·5	1·8	22·6	9·4	16·0	46·1	0·0
46	14- 8-18- 8	28·2	10·4	19·3	45·3	0·0	24·6	6·1	15·3	44·3	0·0	20·4	6·7	13·5	54·2	0·0
47	19- 8-23- 8	24·7	9·8	17·3	39·2	0·0	21·8	5·8	13·8	42·7	0·0	20·6	7·3	13·9	54·7	0·0
48	24- 8-28- 8	28·7	9·5	19·1	52·5	0·0	26·8	5·6	16·2	53·2	0·0	24·5	9·7	17·1	54·8	0·0
49	29- 8- 2- 9	29·5	10·6	20·1	52·0	0·0	25·2	5·2	15·2	54·0	0·0	23·0	7·1	15·1	55·3	0·0
50	3- 9- 7- 9	29·2	10·4	19·8	50·8	0·0	27·2	5·5	16·3	53·9	0·7	26·9	10·4	18·7	49·5	0·0
51	8- 9-12- 9	29·4	13·4	21·4	34·1	0·3	27·1	9·4	18·3	35·7	0·0	27·5	12·3	19·9	51·3	0·0
52	13- 9-17- 9	22·5	11·6	17·1	33·5	20·0	22·9	10·3	16·6	37·1	0·0	24·5	8·8	16·7	56·4	0·0
53	18- 9-22- 9	30·8	14·5	22·7	52·1	0·3	30·5	9·9	20·2	53·9	0·0	27·9	14·0	20·9	40·0	2·4
54	23- 9-27- 9	28·3	14·3	21·3	35·9	1·0	26·1	11·4	18·7	38·8	0·0	29·7	16·2	22·9	45·0	0·0
55	28- 9- 2-10	34·0	15·3	24·7	56·1	0·0	33·3	10·9	22·1	56·9	0·0	29·0	15·3	22·1	43·6	0·0
56	3-10- 7-10	27·7	15·5	21·6	44·2	2·0	27·5	12·7	20·1	39·6	0·0	24·8	8·7	16·7	59·0	0·0
57	8-10-12-10	29·0	13·7	21·3	37·9	0·0	29·3	12·0	20·7	45·7	0·0	28·6	10·4	19·5	59·7	0·0
58	13-10-17-10	33·5	19·7	26·6	36·6	0·0	33·1	16·4	24·7	48·8	0·0	32·6	18·5	25·5	46·2	0·0
59	18-10-22-10	25·9	17·9	21·9	14·7	16·4	26·1	15·7	20·9	21·1	4·1	30·1	15·5	22·8	54·6	0·0
60	23-10-27-10	30·0	17·2	23·6	35·0	2·4	29·1	14·7	21·9	37·6	1·9	32·4	18·2	25·3	51·6	0·0
61	28-10- 1-11	36·5	22·0	29·3	46·7	8·9	34·0	19·6	26·8	44·1	0·0	29·7	15·4	22·5	48·1	1·2
62	2-11- 6-11	26·7	14·2	20·5	33·1	0·0	25·1	12·2	18·7	33·2	0·0	30·0	16·3	23·1	44·4	10·3
63	7-11-11-11	30·2	18·5	24·3	29·4	23·2	29·9	16·5	23·2	39·1	0·0	29·5	14·8	22·1	54·6	0·9
64	12-11-16-11	30·9	20·8	25·9	29·5	9·2	29·6	18·1	23·9	23·4	27·3	30·9	16·6	23·7	40·3	0·0
65	17-11-21-11	28·9	18·9	23·9	30·7	5·8	26·8	15·9	21·3	30·0	4·5	32·4	16·8	24·6	64·0	0·0
66	22-11-26-11	30·9	16·6	23·7	44·7	0·0	29·7	15·3	22·5	55·8	0·9	32·5	19·3	25·9	49·7	0·0
67	27-11- 1-12	34·8	20·2	27·5	48·5	28·0	33·5	17·8	25·7	45·9	13·5	29·3	17·3	23·3	36·7	10·9
68	2-12- 6-12	27·9	19·0	23·5	24·0	4·2	25·6	16·6	21·1	17·7	29·7	28·5	14·7	21·6	48·6	0·0
69	7-12-11-12	31·2	18·9	25·1	33·9	0·2	27·0	15·5	21·3	33·5	4·5	32·1	16·8	24·5	64·7	0·0
70	12-12-16-12	37·8	22·0	29·9	53·9	0·0	33·4	19·1	26·3	53·4	0·0	31·6	17·0	24·3	43·9	2·6
71	17-12-21-12	29·0	21·1	25·1	18·5	26·7	26·1	18·7	22·4	14·7	8·2	31·9	16·9	24·4	59·2	0·0
72	22-12-26-12	33·9	20·1	27·0	44·6	26·6	30·2	17·4	23·8	42·1	70·3	32·8	18·4	25·6	45·4	0·0
73	27-12-31-12	29·2	19·9	24·5	23·0	6·1	26·6	16·9	21·7	25·7	15·5	33·2	19·3	26·3	56·2	0·0

GEMIDDELDES VAN DAAGLIKSE MAKSIMUM -TX- MINIMUM -TN- EN GEMIDDELDE-TM- TEMPERATURE EN TOTALE VAN SONSKYNURE -SS- EN REENVAL -R- VIR ELKE PENTADE

AVERAGES OF DAILY MAXIMUM -TX- MINIMUM -TN- AND MEAN -TM- TEMPERATURES AND TOTALS OF SUNSHINE HOURS -SS- AND RAINFALL -R- FOR EVERY PENTADE

		MESSINA 810/ 80 22°20'S H 538M 30°03'E					MAUN 1020/749 19°59'S H 945M 23°25'E					TSUMEB 1055/374 19°14'S H1311M 17°43'E				
PT NO	DATUMS/DATES 1 9 5 9	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM	TX °C	TN °C	TM °C	SS H/U	R MM
1	1- 1- 5- 1	31·2	21·0	26·1	34·5	46·6	27·7	19·2	23·5	13·9	62·2	31·4	17·9	24·7	-	8·7
2	6- 1-10- 1	28·1	20·9	24·5	17·6	33·5	26·7	18·8	22·7	32·5	31·5	32·4	15·5	23·9	-	8·5
3	11- 1-15- 1	29·1	19·2	24·1	47·1	12·5	31·8	16·0	23·9	57·3	0·1	34·0	17·4	25·7	-	6·0
4	16- 1-20- 1	33·9	20·4	27·1	46·8	0·0	35·3	18·0	25·7	49·0	1·4	34·8	16·6	25·7	-	0·0
5	21- 1-25- 1	32·6	22·1	27·3	38·7	5·0	30·1	19·8	24·9	25·1	32·3	31·4	18·7	25·1	-	8·8
6	26- 1-30- 1	34·3	22·6	28·5	44·4	2·0	31·2	19·7	25·5	41·5	5·6	32·1	18·9	25·5	-	7·5
7	31- 1- 4- 2	34·1	21·1	27·6	52·4	0·0	30·4	18·4	24·4	47·5	11·9	31·1	18·0	24·5	-	21·6
8	5- 2- 9- 2	34·0	24·6	29·3	39·2	46·0	30·7	18·9	24·8	34·1	31·0	29·6	18·6	24·1	-	33·1
9	10- 2-14- 2	29·7	19·7	24·7	48·7	0·2	30·5	19·7	25·1	50·7	26·8	25·8	18·0	21·9	-	96·3
10	15- 2-19- 2	32·2	21·6	26·9	40·6	83·5	33·7	17·2	25·5	58·2	1·3	30·4	13·1	21·7	-	0·0
11	20- 2-24- 2	28·8	18·6	23·7	50·7	1·0	32·2	17·2	24·7	53·8	0·0	31·7	17·0	24·3	-	0·0
12	25- 2- 1- 3	31·9	19·2	25·5	58·4	2·5	34·3	14·0	24·1	60·6	0·0	33·1	16·0	24·5	-	1·5
13	2- 3- 6- 3	33·8	20·7	27·3	51·2	1·5	33·9	18·7	26·3	35·1	26·3	32·9	18·3	25·6	-	24·7
14	7- 3-11- 3	31·9	21·7	26·8	30·5	2·0	28·6	19·9	24·3	6·3	33·9	28·7	18·5	23·6	-	12·8
15	12- 3-16- 3	28·5	18·2	23·3	31·0	0·0	28·2	17·4	22·8	25·6	5·3	27·5	17·6	22·5	-	20·4
16	17- 3-21- 3	30·0	18·4	24·2	31·5	0·0	30·8	17·1	23·9	39·3	0·5	28·6	16·2	22·4	-	5·5
17	22- 3-26- 3	30·7	18·0	24·3	42·8	0·0	33·2	14·2	23·7	55·9	0·0	32·4	15·2	23·8	-	0·0
18	27- 3-31- 3	31·4	20·4	25·9	39·8	0·0	33·4	17·2	25·3	52·1	0·0	32·0	16·4	24·2	-	0·0
19	1- 4- 5- 4	32·4	18·2	25·3	47·6	0·0	34·2	15·2	24·7	50·9	0·0	31·8	17·1	24·5	-	0·0
20	6- 4-10- 4	32·0	19·5	25·7	36·4	0·0	32·4	17·2	24·8	34·3	10·6	29·6	17·5	23·5	-	84·3
21	11- 4-15- 4	32·0	19·6	25·8	46·8	0·0	33·3	16·8	25·1	52·9	0·0	29·3	16·3	22·8	-	1·5
22	16- 4-20- 4	27·7	16·4	22·1	35·6	5·5	31·1	13·7	22·4	52·5	0·0	29·6	14·9	22·3	-	0·0
23	21- 4-25- 4	33·0	18·1	25·5	41·8	0·2	31·4	14·6	23·0	39·3	1·9	30·0	14·5	22·3	-	0·0
24	26- 4-30- 4	29·7	18·6	24·1	38·6	0·0	31·3	14·9	23·1	49·7	0·0	27·0	14·6	20·8	-	16·5
25	1- 5- 5- 5	29·8	15·2	21·5	45·2	0·0	29·2	7·7	18·5	48·1	0·0	28·5	11·0	19·7	-	3·3
26	6- 5-10- 5	33·8	15·3	24·5	51·3	0·0	33·4	8·8	21·1	53·2	0·0	31·0	11·9	21·5	-	0·0
27	11- 5-15- 5	29·4	18·0	23·7	32·9	0·6	30·7	15·9	23·3	39·1	5·3	28·9	8·1	18·5	-	0·0
28	16- 5-20- 5	26·2	11·1	18·7	49·6	0·0	25·1	3·5	14·3	54·1	0·0	25·2	5·7	15·5	-	0·0
29	21- 5-25- 5	30·6	12·4	21·5	50·1	0·0	29·0	8·5	18·7	54·4	0·0	26·9	6·8	16·9	-	0·0
30	26- 5-30- 5	30·1	12·2	21·1	46·4	0·0	29·8	4·6	17·2	54·5	0·0	28·6	7·3	17·9	-	0·0
31	31- 5- 4- 6	30·1	14·4	22·3	41·3	0·0	30·5	8·1	19·3	50·0	0·0	29·2	8·8	19·0	-	0·0
32	5- 6- 9- 6	30·5	13·0	21·7	44·7	0·0	29·1	8·9	19·0	52·3	0·0	28·1	10·1	19·1	-	0·0
33	10- 6-14- 6	24·9	10·0	17·5	45·1	0·0	26·0	6·8	16·4	52·3	0·0	24·6	9·2	16·9	-	0·0
34	15- 6-19- 6	23·9	11·9	17·9	30·3	0·0	25·5	6·3	15·9	51·4	1·8	25·7	9·5	17·6	-	0·0
35	20- 6-24- 6	28·0	10·1	19·1	45·4	0·0	27·1	6·1	16·6	53·4	0·0	25·9	7·3	16·6	-	0·0
36	25- 6-29- 6	24·4	12·7	18·5	28·1	0·0	25·7	9·0	17·3	49·6	0·0	24·6	8·0	16·3	-	0·0
37	30- 6- 4- 7	25·3	14·6	19·9	25·6	0·0	25·6	11·7	18·7	33·2	0·0	24·6	8·0	16·3	-	0·0
38	5- 7- 9- 7	23·8	14·7	19·3	15·6	0·5	24·9	13·4	19·1	19·0	0·0	24·4	8·6	16·5	-	0·0
39	10- 7-14- 7	27·8	12·7	20·3	44·7	0·4	27·6	9·4	18·5	49·8	0·0	25·5	7·9	16·7	-	0·0
40	15- 7-19- 7	25·1	13·4	19·3	36·5	0·0	24·2	8·6	16·4	46·3	0·7	24·9	7·7	16·3	-	0·0
41	20- 7-24- 7	26·4	10·3	18·3	50·2	0·0	27·1	4·4	15·7	54·3	0·0	25·7	5·6	15·7	-	0·0
42	25- 7-29- 7	25·1	13·2	19·1	35·8	0·0	25·4	10·3	17·9	44·4	0·0	25·3	7·7	16·5	-	0·0
43	30- 7- 3- 8	26·9	12·4	19·7	36·2	0·0	26·2	6·8	16·5	54·9	0·0	26·1	6·6	16·3	-	0·0
44	4- 8- 8- 8	28·6	13·5	21·1	41·2	0·0	30·1	8·2	19·1	53·2	0·0	28·4	8·5	18·5	-	0·0
45	9- 8-13- 8	23·5	12·9	18·2	35·7	0·0	25·9	10·7	18·3	51·2	0·0	26·4	10·9	18·7	-	0·0
46	14- 8-18- 8	27·7	11·1	19·4	49·8	0·0	26·7	7·5	17·1	56·2	0·0	26·3	7·7	17·0	-	0·0
47	19- 8-23- 8	23·8	12·1	17·9	40·3	0·0	24·9	9·6	17·3	56·0	0·0	25·5	10·9	18·2	-	0·0
48	24- 8-28- 8	28·4	12·8	20·6	51·7	0·0	28·5	9·3	18·9	56·7	0·0	28·5	10·0	19·3	-	0·0
49	29- 8- 2- 9	28·5	12·1	20·3	51·9	0·0	27·0	7·5	17·3	56·2	0·0	27·0	10·8	18·9	-	0·0
50	3- 9- 7- 9	29·1	13·5	21·3	52·0	0·0	30·7	11·1	20·9	55·9	0·0	30·2	8·3	19·3	57·5	0·0
51	8- 9-12- 9	29·6	14·9	22·3	34·3	0·0	33·7	12·4	23·1	50·4	0·0	32·9	15·7	24·3	51·3	0·0
52	13- 9-17- 9	25·8	15·0	20·4	44·6	0·0	27·4	11·7	19·5	55·7	0·0	28·2	11·3	19·7	57·0	0·0
53	18- 9-22- 9	32·8	16·9	24·9	51·4	0·0	33·0	16·0	24·5	53·4	0·1	32·4	16·2	24·3	42·4	0·0
54	23- 9-27- 9	28·5	15·3	21·9	45·1	0·0	33·2	15·9	24·5	54·2	0·0	33·2	14·9	24·1	55·6	0·0
55	28- 9- 2-10	34·4	17·4	25·9	55·4	0·0	35·7	14·0	24·9	53·6	0·0	34·4	15·0	24·7	57·0	0·0
56	3-10- 7-10	29·5	16·9	23·2	36·2	2·0	31·4	13·4	22·4	55·7	0·0	31·0	12·4	21·7	57·8	0·0
57	8-10-12-10	31·7	17·1	24·4	49·2	0·0	35·4	17·4	26·4	49·9	2·0	34·9	17·1	26·0	58·3	0·0
58	13-10-17-10	35·6	20·9	28·3	55·0	0·0	37·9	20·3	29·1	53·3	0·0	36·5	19·4	27·9	49·5	4·0
59	18-10-22-10	29·7	19·6	24·7	29·3	0·0	36·5	18·1	27·3	53·1	0·1	34·2	19·0	26·6	29·8	0·0
60	23-10-27-10	31·7	19·2	25·5	44·7	0·0	37·1	20·1	28·6	52·8	0·0	35·2	21·1	28·1	37·0	2·0
61	28-10- 1-11	37·6	24·1	30·9	50·1	0·0	38·3	22·9	30·6	52·3	0·0	35·6	20·2	27·9	45·7	0·6
62	2-11- 6-11	27·6	16·4	22·0	34·8	0·0	34·8	18·0	26·4	58·1	0·0	34·8	21·0	27·9	43·0	0·0
63	7-11-11-11	32·0	20·5	26·3	42·3	8·0	35·4	20·4	27·9	38·6	1·3	34·9	19·1	27·0	49·1	4·2
64	12-11-16-11	34·0	22·4	28·2	30·4	27·5	32·8	19·4	26·1	32·2	14·9	29·9	18·2	24·1	14·9	10·8
65	17-11-21-11	29·6	19·4	24·5	36·2	2·0	34·6	20·7	27·7	51·3	0·1	36·0	18·9	27·5	55·2	0·0
66	22-11-26-11	31·8	19·9	25·9	57·0	0·0	35·7	19·3	27·5	60·7	0·0	34·5	18·2	26·3	44·5	0·0
67	27-11- 1-12	36·8	23·0	29·9	48·9	0·0	38·2	21·4	29·8	43·9	3·5	34·0	19·3	26·7	37·2	0·5
68	2-12- 6-12	30·5	21·1	25·8	24·2	0·7	34·2	22·2	28·2	28·2	23·6	32·5	19·5	26·0	23·4	6·3
69	7-12-11-12	33·2	20·5	26·9	44·6	7·0	32·9	20·2	26·5	36·0	0·0	33·7	17·9	25·8	34·9	5·0
70	12-12-16-12	37·7	24·7	31·2	56·0	0·0	33·1	20·9	27·0	32·6	15·7	32·2	17·6	24·9	34·3	76·2
71	17-12-21-12	31·5	22·5	27·0	21·2	2·2	30·6	20·6	25·6	31·9	19·8	33·6	18·7	26·1	38·1	2·7
72	22-12-26-12	33·8	21·4	27·6	39·8	32·5	29·2	20·4	24·8	25·5	12·2	32·7	20·2	26·5	32·2	7·1
73	27-12-31-12	30·1	19·8	24·9	33·7	27·5	32·3	19·9	26·1	36·6	3·3	34·2	19·4	26·8	49·8	5·1

GEMIDDELDE UURLIKSE WAARDES VAN LUGDRUK - MB - MEAN HOURLY VALUES OF PRESSURE

21/178 D F MALAN ø 33°58'S λ 18°36'E H 44M PM BY/AT 0 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	1014·6	1014·2	1013·7	1013·5	1013·5	1013·8	1014·2	1014·5	1014·6	1014·5	1014·5	1014·5
FEB	1013·5	1013·2	1012·9	1012·6	1012·5	1012·9	1013·2	1013·6	1013·8	1013·8	1013·9	1013·7
MAR	1015·3	1015·1	1014·8	1014·5	1014·5	1014·7	1015·1	1015·5	1015·6	1015·7	1015·7	1015·5
APR	1015·7	1015·7	1015·4	1015·0	1015·0	1015·2	1015·4	1015·7	1016·1	1016·2	1016·2	1016·0
MAY	1014·5	1014·4	1014·2	1014·0	1013·8	1013·8	1014·0	1014·4	1014·8	1015·1	1015·1	1014·8
JUN	1021·3	1021·1	1021·2	1021·1	1020·9	1021·0	1021·2	1021·7	1021·9	1022·1	1022·1	1021·7
JUL	1022·6	1022·5	1022·4	1022·2	1022·0	1022·0	1022·4	1022·8	1023·0	1023·4	1023·5	1023·2
AUG	1021·7	1021·6	1021·4	1021·1	1020·9	1021·1	1021·4	1021·9	1022·2	1022·5	1022·5	1022·3
SEP	1019·2	1019·1	1018·7	1018·4	1018·4	1018·6	1018·8	1019·3	1019·6	1019·7	1019·6	1019·3
OCT	1017·4	1017·0	1016·7	1016·5	1016·7	1017·0	1017·5	1017·9	1018·0	1018·1	1018·0	1017·8
NOV	1016·2	1015·8	1015·5	1015·5	1015·5	1016·0	1016·4	1016·7	1016·8	1016·6	1016·5	1016·3
DEC	1014·4	1014·0	1013·7	1013·5	1013·7	1014·0	1014·4	1014·6	1014·7	1014·6	1014·6	1014·5
J/Y	1017·2	1017·0	1016·7	1016·5	1016·5	1016·7	1017·0	1017·4	1017·6	1017·7	1017·7	1017·5

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	1014·4	1014·2	1013·9	1013·7	1013·5	1013·5	1013·9	1014·3	1014·6	1014·8	1014·9	1014·8	1014·2
FEB	1013·5	1013·2	1012·9	1012·6	1012·5	1012·6	1012·9	1013·3	1013·6	1013·9	1013·8	1013·6	1013·2
MAR	1015·1	1014·8	1014·5	1014·3	1014·3	1014·5	1014·8	1015·0	1015·4	1015·6	1015·5	1015·4	1015·0
APR	1015·5	1015·0	1014·8	1014·8	1014·9	1015·1	1015·4	1015·8	1016·0	1016·2	1016·2	1016·0	1015·6
MAY	1014·2	1013·7	1013·4	1013·5	1013·7	1014·0	1014·4	1014·6	1014·8	1014·9	1014·8	1014·6	1014·3
JUN	1021·1	1020·5	1020·2	1020·3	1020·5	1020·9	1021·2	1021·5	1021·7	1021·8	1021·8	1021·9	1021·3
JUL	1022·4	1021·8	1021·4	1021·4	1021·6	1021·8	1022·2	1022·5	1022·6	1022·7	1022·6	1022·6	1022·4
AUG	1021·7	1021·2	1021·0	1020·9	1021·2	1021·4	1021·7	1022·0	1022·2	1022·3	1022·4	1022·2	1021·7
SEP	1018·8	1018·2	1017·8	1017·7	1017·8	1018·0	1018·2	1018·5	1018·8	1019·0	1019·0	1018·8	1018·7
OCT	1017·4	1017·0	1016·7	1016·5	1016·6	1016·8	1017·2	1017·6	1017·9	1018·2	1018·1	1017·8	1017·4
NOV	1016·0	1015·7	1015·3	1015·0	1015·1	1015·2	1015·6	1016·0	1016·3	1016·5	1016·5	1016·3	1016·0
DEC	1014·3	1014·1	1013·8	1013·6	1013·4	1013·4	1013·8	1014·2	1014·5	1014·8	1014·8	1014·6	1014·2
J/Y	1017·0	1016·6	1016·3	1016·2	1016·3	1016·4	1016·8	1017·1	1017·4	1017·6	1017·5	1017·4	1017·0

28/748 GEORGE ø 33°58'S λ 22°25'E H 221M PM BY/AT 0 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	1015·8	1015·2	1014·7	1014·4	1014·5	1014·7	1014·8	1014·8	1014·6	1014·4	1014·2	1014·2
FEB	1015·2	1014·9	1014·7	1014·3	1014·2	1014·4	1014·8	1014·8	1014·8	1014·7	1014·6	1014·3
MAR	1016·6	1016·3	1015·9	1015·6	1015·5	1015·6	1015·9	1016·1	1016·1	1016·1	1015·9	1015·6
APR	1016·2	1016·0	1015·5	1015·2	1015·3	1015·2	1015·4	1015·6	1015·6	1015·5	1015·3	1014·9
MAY	1016·7	1014·5	1014·3	1014·1	1014·1	1014·1	1014·1	1014·5	1014·7	1014·6	1014·5	1014·1
JUN	-	-	-	-	-	-	-	-	-	-	-	-
JUL	-	-	-	-	-	-	-	-	-	-	-	-
AUG	1022·1	1022·0	1021·6	1021·3	1021·2	1021·4	1021·4	1021·6	1021·7	1021·7	1021·7	1021·5
SEP	1020·2	1020·0	1019·6	1019·2	1019·1	1019·4	1019·8	1020·2	1020·1	1019·9	1019·6	1019·2
OCT	1018·7	1018·1	1017·7	1017·5	1017·6	1017·7	1017·9	1018·2	1018·2	1018·1	1017·8	1017·5
NOV	1018·3	1017·8	1017·5	1017·4	1017·4	1017·6	1017·8	1017·9	1017·7	1017·7	1017·5	1017·2
DEC	1016·0	1015·6	1015·2	1015·0	1015·1	1015·3	1015·7	1015·6	1015·5	1015·4	1015·2	1015·0
J/Y	-	-	-	-	-	-	-	-	-	-	-	-

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	1014·0	1013·9	1013·9	1013·8	1013·8	1014·1	1014·7	1015·4	1015·9	1016·1	1016·1	1016·1	1014·8
FEB	1014·1	1013·7	1013·4	1013·5	1013·6	1013·9	1014·3	1014·8	1015·3	1015·5	1015·5	1015·5	1014·5
MAR	1015·3	1015·2	1014·9	1014·9	1015·2	1015·5	1015·9	1016·4	1016·9	1017·0	1017·1	1016·9	1015·9
APR	1014·3	1013·9	1013·7	1014·2	1014·4	1014·8	1015·3	1015·8	1016·1	1016·3	1016·3	1016·1	1015·3
MAY	1013·5	1013·2	1013·2	1013·4	1013·7	1014·0	1014·5	1014·5	1015·2	1015·3	1015·2	1015·1	1014·3
JUN	-	-	-	-	-	-	-	-	-	-	-	-	-
JUL	-	-	-	-	-	-	-	-	-	-	-	-	-
AUG	1020·6	1020·1	1020·1	1020·2	1020·7	1021·3	1021·9	1022·4	1022·7	1022·9	1022·9	1022·7	1021·6
SEP	1018·7	1018·0	1018·0	1018·0	1018·3	1018·5	1019·0	1019·4	1019·8	1019·8	1019·8	1019·7	1019·3
OCT	1017·3	1017·2	1017·2	1017·3	1017·6	1018·0	1018·5	1019·0	1019·4	1019·6	1019·4	1019·2	1018·1
NOV	1017·0	1016·9	1016·7	1016·7	1016·7	1017·0	1017·6	1018·1	1018·6	1018·9	1018·8	1018·7	1017·6
DEC	1014·9	1014·6	1014·4	1014·4	1014·4	1014·8	1015·4	1015·9	1016·2	1016·4	1016·5	1016·3	1015·4
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-

35/179 PORT ELIZABETH ø 33°59'S λ 25°36'E H 62M PM BY/AT 0 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	1015·0	1014·5	1014·0	1013·8	1013·9	1014·1	1014·4	1014·4	1014·3	1014·1	1013·9	1013·7
FEB	1014·4	1014·1	1013·8	1013·6	1013·6	1013·8	1014·1	1014·4	1014·4	1014·4	1014·4	1014·1
MAR	1016·3	1016·0	1015·7	1015·4	1015·4	1015·6	1015·9	1016·2	1016·2	1016·1	1015·8	1015·5
APR	1015·1	1014·9	1014·6	1014·4	1014·4	1014·6	1014·9	1015·2	1015·3	1015·2	1014·9	1014·6
MAY	1013·8	1013·7	1013·5	1013·3	1013·2	1013·4	1013·6	1014·1	1014·4	1014·5	1014·3	1013·8
JUN	1020·5	1020·4	1020·4	1020·3	1020·1	1020·2	1020·5	1021·0	1021·2	1021·4	1021·3	1020·7
JUL	1022·4	1022·3	1022·1	1021·8	1021·7	1021·8	1022·3	1022·6	1022·8	1023·0	1022·9	1022·4
AUG	1021·2	1021·1	1020·8	1020·6	1020·5	1020·8	1021·2	1021·6	1021·8	1021·7	1021·5	1021·1
SEP	1020·0	1019·6	1019·2	1018·9	1018·9	1019·2	1019·5	1019·9	1020·1	1020·0	1019·9	1019·2
OCT	1017·8	1017·3	1016·9	1016·7	1016·7	1017·0	1017·3	1017·5	1017·3	1017·3	1017·1	1016·6
NOV	1017·8	1017·4	1017·2	1017·1	1017·1	1017·3	1017·5	1017·7	1017·6	1017·4	1017·2	1016·8
DEC	1015·3	1014·9	1014·6	1014·4	1014·5	1014·7	1015·0	1015·1	1015·0	1014·9	1014·7	1014·5
J/Y	1017·5	1017·2	1016·9	1016·7	1016·7	1016·9	1017·2	1017·5	1017·5	1017·5	1017·3	1016·9

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	1013·3	1013·1	1012·9	1012·7	1012·8	1013·2	1014·0	1014·5	1015·0	1015·4	1015·4	1015·4	1014·1
FEB	1013·8	1013·5	1013·3	1013·1	1013·1	1013·3	1013·7	1014·3	1014·7	1015·1	1015·0	1014·9	1014·0
MAR	1015·1	1014·8	1014·6	1014·6	1014·8	1015·2	1015·5	1016·0	1016·5	1016·6	1016·6	1016·4	1015·7
APR	1014·0	1013·5	1013·5	1013·6	1013·7	1013·9	1014·3	1014·7	1015·0	1015·0	1015·0	1014·8	1014·5
MAY	1013·1	1012·8	1012·8	1013·0	1013·3	1013·6	1014·1	1014·5	1014·6	1014·7	1014·6	1014·5	1013·8
JUN	1020·1	1019·6	1019·4	1019·5	1019·6	1019·8	1020·2	1020·6	1020·7	1020·8	1020·9	1020·9	1020·4
JUL	1021·6	1020·9	1020·7	1020·8	1021·0	1021·3	1021·8	1022·2	1022·4	1022·5	1022·5	1022·4	1022·0
AUG	1020·5	1020·0	1019·9	1019·8	1020·0	1020·3	1020·8	1021·3	1021·5	1021·8	1021·8	1021·8	1021·0
SEP	1018·7	1018·1	1017·9	1018·0	1018·2	1018·5	1019·0	1019·4	1019·7	1019·8	1019·6	1019·3	1019·2
OCT	1016·2	1015·9	1015·8	1015·9	1016·2	1016·7	1017·3	1017·9	1018·4	1018·5	1018·5	1018·2	1017·1
NOV	1016·6	1016·3	1016·1	1016·1	1016·2	1016·7	1017·2	1017·8	1018·3	1018·5	1018·4	1018·3	1017·3
DEC	1014·2	1013·9	1013·6	1013·5	1013·5	1013·9	1014·5	1015·1	1015·4	1015·6	1015·7	1015·6	1014·7
J/Y	1016·4	1016·0	1015·9	1015·9	1016·0	1016·4	1016·9	1017·4	1017·7	1017·9	1017·8	1017·7	1017·0

GEMIDDELDE UURLIKSE WAARDES VAN LUGDRUK - MB - MEAN HOURLY VALUES OF PRESSURE

59/572 EAST LONDON φ 33°02'S λ 27°50'E H 125M PM BY/AT 0 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	1014·3	1013·8	1013·6	1013·4	1013·6	1013·9	1014·3	1014·3	1014·1	1013·8	1013·6	1013·4
FEB	1013·9	1013·6	1013·4	1013·3	1013·3	1013·7	1014·0	1014·1	1014·0	1014·0	1013·7	1013·4
MAR	1016·0	1015·7	1015·4	1015·2	1015·3	1015·6	1015·9	1016·1	1016·1	1016·2	1015·9	1015·4
APR	1015·2	1015·0	1014·6	1014·4	1014·5	1014·6	1014·9	1015·3	1015·5	1015·4	1015·1	1014·5
MAY	1014·1	1013·9	1013·8	1013·6	1013·5	1013·6	1013·9	1014·3	1014·5	1014·5	1014·4	1013·7
JUN	1020·9	1020·8	1020·7	1020·5	1020·4	1020·6	1021·1	1021·4	1021·7	1022·0	1021·7	1020·9
JUL	1022·2	1022·1	1022·0	1021·9	1021·9	1022·0	1022·4	1022·7	1022·9	1023·1	1022·9	1022·4
AUG	1020·9	1020·7	1020·5	1020·4	1020·5	1020·8	1021·3	1021·5	1021·8	1021·7	1021·5	1020·9
SEP	1020·0	1019·6	1019·2	1019·0	1019·1	1019·4	1019·8	1020·1	1020·1	1020·1	1019·8	1019·3
OCT	1017·4	1016·9	1016·6	1016·5	1016·6	1017·0	1017·2	1017·2	1017·1	1016·9	1016·5	1015·9
NOV	1017·1	1016·7	1016·5	1016·5	1016·7	1017·1	1017·3	1017·4	1017·2	1016·9	1016·6	1016·3
DEC	1014·5	1014·2	1013·8	1013·8	1014·0	1014·3	1014·5	1014·4	1014·1	1013·9	1013·6	1013·4
J/Y	1017·2	1016·9	1016·7	1016·5	1016·6	1016·9	1017·2	1017·4	1017·4	1017·4	1017·1	1016·6

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	1013·0	1012·7	1012·3	1012·2	1012·2	1012·6	1013·2	1013·9	1014·4	1014·7	1014·7	1014·6	1013·6
FEB	1013·1	1012·8	1012·6	1012·6	1012·6	1012·9	1013·4	1014·0	1014·5	1014·7	1014·6	1014·4	1013·6
MAR	1014·8	1014·5	1014·2	1014·2	1014·3	1014·7	1015·2	1015·5	1016·1	1016·3	1016·3	1016·1	1015·5
APR	1013·8	1013·3	1013·4	1013·5	1013·6	1014·0	1014·7	1015·2	1015·3	1015·4	1015·4	1015·1	1014·7
MAY	1013·0	1012·5	1012·4	1012·6	1012·9	1013·4	1013·9	1014·3	1014·5	1014·8	1014·7	1014·6	1013·8
JUN	1020·1	1019·6	1019·4	1019·5	1019·8	1020·2	1020·7	1021·0	1021·1	1021·2	1021·2	1021·2	1020·7
JUL	1021·5	1021·0	1020·8	1020·9	1021·2	1021·6	1022·0	1022·2	1022·4	1022·5	1022·4	1022·3	1022·1
AUG	1020·2	1019·6	1019·5	1019·6	1019·9	1020·4	1020·9	1021·4	1021·6	1021·8	1021·7	1021·7	1020·9
SEP	1018·6	1018·1	1017·9	1018·1	1018·3	1018·7	1019·2	1019·7	1019·9	1020·0	1019·8	1019·5	1019·3
OCT	1015·5	1015·2	1014·9	1014·9	1015·2	1015·8	1016·5	1017·2	1017·8	1018·0	1017·9	1017·8	1016·6
NOV	1016·0	1015·8	1015·4	1015·4	1015·7	1016·2	1016·8	1017·3	1017·8	1018·1	1018·1	1017·7	1016·8
DEC	1013·1	1012·9	1012·7	1012·6	1012·6	1013·2	1013·8	1014·5	1015·0	1015·2	1015·2	1014·9	1013·9
J/Y	1016·1	1015·7	1015·5	1015·5	1015·7	1016·1	1016·7	1017·2	1017·5	1017·7	1017·7	1017·5	1016·8

92/288 BEAUFORT WEST φ 32°18'S λ 22°40'E H 893M PM BY/AT 900 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	912·5	912·3	912·0	911·8	911·8	912·2	912·6	912·9	912·6	912·3	912·0	911·2
FEB	912·7	912·6	912·4	912·2	912·2	912·4	912·8	913·0	913·0	912·9	912·6	912·1
MAR	914·3	914·2	913·9	913·8	913·7	913·8	914·2	914·5	914·6	914·7	914·4	913·8
APR	913·4	913·4	913·1	912·9	912·9	913·2	913·5	913·9	914·2	914·2	914·0	913·5
MAY	912·7	912·5	912·4	912·2	912·1	912·1	912·4	912·8	913·2	913·3	913·2	912·7
JUN	919·0	918·9	918·9	918·8	918·7	918·8	919·2	919·5	919·9	920·1	920·0	919·5
JUL	919·5	919·4	919·2	919·1	918·9	919·0	919·4	919·8	920·1	920·4	920·3	919·9
AUG	918·9	918·8	918·6	918·4	918·3	918·4	918·8	919·0	919·4	919·6	919·4	919·0
SEP	916·8	916·7	916·3	916·0	916·0	916·3	916·8	917·2	917·4	917·3	917·0	916·5
OCT	914·5	914·1	913·8	913·7	913·8	914·0	914·5	914·7	914·8	914·7	914·3	913·6
NOV	914·4	914·1	913·9	913·8	913·9	914·3	914·6	914·7	914·6	914·2	913·7	913·2
DEC	912·9	912·7	912·5	912·3	912·5	912·7	913·0	913·2	913·0	912·7	912·3	911·8
J/Y	915·1	915·0	914·7	914·6	914·6	914·8	915·1	915·4	915·6	915·5	915·3	914·7

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	910·7	910·1	909·5	909·1	908·6	908·5	909·4	910·2	910·8	911·7	912·3	912·6	911·2
FEB	911·5	910·8	910·1	909·8	909·7	909·7	910·1	910·7	911·5	912·2	912·7	912·9	911·8
MAR	913·0	912·3	911·8	911·6	911·5	911·8	912·2	912·9	913·6	914·1	914·3	914·3	913·5
APR	912·6	911·9	911·7	911·6	911·6	911·9	912·4	912·9	913·2	913·3	913·4	913·4	913·0
MAY	911·9	911·3	911·0	911·1	911·3	911·6	912·2	912·6	912·9	913·1	913·0	912·9	912·4
JUN	918·7	918·1	917·7	917·7	918·0	918·2	918·6	918·9	919·1	919·2	919·3	919·3	918·9
JUL	919·1	918·3	917·8	917·7	917·7	918·0	918·5	919·0	919·2	919·3	919·4	919·4	919·1
AUG	918·3	917·5	917·1	917·0	917·1	917·5	918·0	918·6	918·9	919·2	919·3	919·3	918·5
SEP	915·6	914·8	914·3	914·1	914·1	914·5	915·0	915·5	916·0	916·3	916·4	916·3	916·0
OCT	913·0	912·4	911·8	911·5	911·7	912·1	912·7	913·4	914·1	914·5	914·7	914·7	913·6
NOV	912·5	911·8	911·2	910·8	910·8	911·1	911·8	912·4	913·3	914·1	914·6	914·6	913·3
DEC	911·2	910·5	910·1	909·5	909·3	909·4	909·9	910·6	911·4	912·2	912·8	913·1	911·7
J/Y	914·0	913·3	912·8	912·6	912·6	912·9	913·4	914·0	914·5	914·9	915·2	915·2	914·4

240/808 LOUIS BOTHA φ 29°58'S λ 30°57'E H 8M PM BY/AT 0 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	1013·5	1013·1	1012·9	1012·9	1013·1	1013·5	1013·8	1013·8	1013·6	1013·4	1013·1	1012·8
FEB	1013·8	1013·5	1013·3	1013·2	1013·3	1013·7	1014·0	1014·2	1014·2	1014·1	1013·7	1013·3
MAR	1015·7	1015·4	1015·2	1015·1	1015·3	1015·8	1016·3	1016·5	1016·5	1016·3	1015·8	1015·3
APR	1015·7	1015·5	1015·2	1015·1	1015·1	1015·3	1015·7	1015·9	1016·0	1015·9	1015·4	1014·8
MAY	1013·4	1013·3	1013·2	1013·1	1013·3	1013·6	1013·9	1014·4	1014·7	1014·6	1014·1	1013·4
JUN	1021·5	1021·3	1021·1	1020·9	1021·0	1021·4	1021·8	1022·3	1022·7	1022·7	1022·2	1021·5
JUL	1023·0	1022·7	1022·5	1022·5	1022·6	1023·0	1023·4	1023·7	1024·0	1024·1	1023·6	1022·8
AUG	1021·0	1020·8	1020·6	1020·5	1020·7	1021·1	1021·6	1022·0	1022·2	1022·1	1021·7	1020·8
SEP	1020·2	1019·8	1019·3	1019·2	1019·3	1019·8	1020·2	1020·5	1020·6	1020·3	1019·9	1019·1
OCT	1017·1	1016·7	1016·4	1016·4	1016·7	1017·1	1017·6	1017·7	1017·6	1017·2	1016·7	1016·0
NOV	1016·8	1016·6	1016·5	1016·4	1016·7	1017·2	1017·6	1017·6	1017·5	1017·2	1016·8	1016·4
DEC	1014·3	1014·0	1013·7	1013·7	1014·0	1014·3	1014·6	1014·5	1014·3	1014·0	1013·7	1013·2
J/Y	1017·2	1016·9	1016·7	1016·6	1016·8	1017·1	1017·5	1017·8	1017·8	1017·7	1017·2	1016·6

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	1012·4	1012·0	1011·6	1011·5	1011·6	1012·3	1012·8	1013·3	1013·7	1013·9	1014·0	1013·9	1013·0
FEB	1013·0	1012·6	1012·3	1012·3	1012·4	1012·9	1013·6	1014·1	1014·5	1014·6	1014·5	1014·3	1013·6
MAR	1014·7	1014·3	1014·0	1014·1	1014·4	1014·8	1015·2	1015·9	1016·4	1016·3	1016·2	1016·0	1015·5
APR	1013·9	1013·6	1013·6	1013·7	1014·1	1014·5	1015·1	1015·7	1016·0	1016·0	1015·8	1015·6	1015·1
MAY	1012·6	1012·2	1012·2	1012·3	1012·7	1013·2	1013·7	1013·9	1014·1	1014·1	1014·0	1013·8	1013·5
JUN	1020·6	1020·2	1020·2	1020·5	1020·8	1021·3	1021·8	1022·1	1022·3	1022·3	1022·1	1022·0	1021·5
JUL	1021·9	1021·4	1021·4	1021·5	1021·7	1022·1	1022·7	1022·9	1023·1	1023·1	1023·1	1022·9	1022·7
AUG	1020·0	1019·5	1019·4	1019·5	1019·7	1020·2	1020·8	1021·3	1021·7	1021·7	1021·7	1021·5	1020·9
SEP	1018·4	1018·0	1017·9	1018·0	1018·3	1018·8	1019·3	1019·9	1020·3	1020·3	1020·1	1019·9	1019·5
OCT	1015·4	1015·0	1014·6	1014·9	1015·2	1015·6	1016·3	1017·0	1017·4	1017·5	1017·5	1017·4	1016·5
NOV	1015·9	1015·5	1015·2	1015·2	1015·4	1016·1	1016·7	1017·1	1017·7	1018·0	1017·8	1017·5	1016·7
DEC	1012·8	1012·5	1012·2	1012·0	1012·3	1013·0	1013·6	1014·4	1014·7	1015·1	1014·9	1014·6	1013·[illegible]
J/Y	1016·0	1015·6	1015·4	1015·5	1015·7	1016·2	1016·8	1017·3	1017·7	1017·7	1017·6	1017·5	1016·9

GEMIDDELDE UURLIKSE WAARDES VAN LUGDRUK - MB - MEAN HOURLY VALUES OF PRESSURE

261/307 BLOEMFONTEIN φ 29°07'S λ 26°11'E H 1422M PM BY/AT 1400 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	860·3	860·2	860·1	860·2	860·4	860·9	861·3	861·5	861·4	861·3	861·1	860·7
FEB	861·2	861·1	861·0	861·0	861·1	861·4	861·8	862·1	862·2	862·2	861·9	861·5
MAR	863·3	863·2	863·1	863·1	863·2	863·5	863·9	864·2	864·5	864·5	864·2	863·7
APR	863·2	862·8	862·6	862·5	862·6	862·9	863·3	863·6	864·2	864·1	863·8	863·2
MAY	861·7	861·5	861·4	861·4	861·3	861·4	861·7	862·1	862·5	862·6	862·3	861·7
JUN	868·0	867·9	867·8	867·8	867·7	867·9	868·3	868·7	869·0	869·3	869·1	868·5
JUL	868·3	868·2	868·1	868·0	867·9	868·1	868·5	869·0	869·4	869·8	869·6	869·0
AUG	866·8	866·8	866·6	866·6	866·6	866·9	867·3	867·7	868·1	868·2	868·0	867·3
SEP	865·3	865·2	864·9	864·8	864·9	865·3	865·8	866·1	866·4	866·4	866·1	865·4
OCT	862·1	861·9	861·8	861·8	861·9	862·3	862·9	863·2	863·3	863·1	862·8	862·0
NOV	861·7	861·6	861·5	861·7	861·9	862·3	862·8	863·0	862·9	862·7	862·4	861·8
DEC	860·5	860·4	860·4	860·4	860·7	861·0	861·3	861·6	861·5	861·4	861·2	860·9
J/Y	863·5	863·4	863·3	863·3	863·3	863·7	864·1	864·4	864·6	864·6	864·4	863·8

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	860·1	859·6	858·9	858·4	858·2	858·3	858·9	859·3	859·7	860·2	860·3	860·4	860·1
FEB	861·1	860·6	860·0	859·6	859·3	859·5	859·7	860·4	860·8	860·9	861·3	861·3	861·0
MAR	863·0	862·4	861·7	861·4	861·4	861·6	862·0	862·6	863·1	863·3	863·3	863·3	863·1
APR	862·4	861·8	861·4	861·3	861·4	861·6	862·0	862·4	862·8	862·6	862·8	862·8	862·7
MAY	860·9	860·3	860·1	860·2	860·4	860·6	861·7	861·5	861·8	862·0	861·9	861·8	861·4
JUN	867·7	867·1	866·9	866·9	867·1	867·3	867·7	868·1	868·3	868·3	868·3	868·3	868·0
JUL	868·2	867·6	867·5	867·1	867·2	867·3	867·7	868·0	868·2	868·3	868·3	868·2	868·2
AUG	866·5	865·8	865·4	865·3	865·4	865·7	866·0	866·5	866·7	866·9	867·0	867·0	866·7
SEP	864·6	864·0	863·4	863·2	863·3	863·5	863·9	864·4	864·7	864·9	865·0	865·0	864·9
OCT	861·4	860·8	860·2	859·9	859·9	860·2	860·7	861·3	861·8	862·2	862·2	862·1	861·7
NOV	861·4	860·7	860·0	859·8	859·7	859·9	860·4	861·1	861·3	861·8	861·9	861·9	861·5
DEC	860·2	859·7	859·2	858·8	858·6	858·9	859·4	859·8	860·0	860·3	860·5	860·6	860·3
J/Y	863·1	862·5	862·1	861·8	861·8	862·0	862·5	862·9	863·3	863·5	863·6	863·6	863·3

274/ 34 ALEXANDER BAY φ 28°34'S λ 16°32'E H 21M PM BY/AT 0 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	1014·3	1013·9	1013·4	1013·1	1013·2	1013·6	1014·0	1014·3	1014·3	1014·1	1013·8	1013·5
FEB	1013·7	1013·4	1013·1	1012·8	1012·7	1012·8	1013·2	1013·6	1013·7	1013·7	1013·4	1013·1
MAR	1015·2	1014·9	1014·5	1014·3	1014·1	1014·2	1014·5	1014·9	1015·1	1015·1	1014·9	1014·4
APR	1016·0	1015·9	1015·6	1015·2	1015·2	1015·3	1015·7	1016·0	1016·3	1016·3	1016·1	1015·7
MAY	1016·8	1016·6	1016·4	1016·1	1015·8	1015·8	1016·2	1016·5	1016·7	1017·1	1017·2	1016·7
JUN	1019·8	1019·7	1019·5	1019·2	1019·1	1019·1	1019·4	1019·8	1019·9	1020·3	1020·4	1020·0
JUL	1021·4	1021·2	1021·0	1020·8	1020·7	1020·7	1021·1	1021·5	1021·8	1022·0	1022·1	1021·7
AUG	1020·9	1020·7	1020·6	1020·3	1020·2	1020·3	1020·7	1021·1	1021·4	1021·7	1021·7	1021·3
SEP	1018·0	1017·7	1017·3	1017·0	1016·8	1017·0	1017·3	1017·9	1018·1	1018·1	1017·9	1017·6
OCT	1017·2	1016·8	1016·4	1016·3	1016·3	1016·6	1017·1	1017·6	1017·7	1017·6	1017·3	1016·7
NOV	1015·6	1015·1	1014·8	1014·7	1014·7	1015·1	1015·6	1015·9	1015·9	1015·7	1015·3	1014·8
DEC	1014·7	1014·1	1013·8	1013·6	1013·6	1013·8	1014·2	1014·5	1014·5	1014·2	1014·0	1013·7
J/Y	1017·0	1016·7	1016·4	1016·1	1016·0	1016·2	1016·6	1017·0	1017·1	1017·2	1017·0	1016·6

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	1013·1	1012·7	1012·2	1011·8	1011·6	1011·7	1012·3	1013·0	1013·6	1014·2	1014·5	1014·6	1013·4
FEB	1012·6	1012·3	1011·7	1011·3	1011·2	1011·2	1011·6	1012·3	1013·0	1013·6	1013·8	1013·8	1012·8
MAR	1013·7	1013·2	1012·9	1012·5	1012·5	1012·8	1013·4	1014·0	1014·6	1015·1	1015·3	1015·3	1014·2
APR	1015·1	1014·5	1014·2	1014·1	1014·2	1014·6	1015·1	1015·5	1016·0	1016·2	1016·4	1016·4	1015·5
MAY	1016·1	1015·5	1015·2	1015·1	1015·1	1015·5	1015·9	1016·4	1016·7	1016·9	1016·9	1016·8	1016·2
JUN	1019·3	1018·5	1018·2	1018·1	1018·2	1018·5	1019·1	1019·5	1019·8	1020·1	1020·1	1020·2	1019·4
JUL	1020·9	1020·1	1019·5	1019·4	1019·5	1020·0	1020·5	1020·9	1021·2	1021·4	1021·5	1021·4	1020·9
AUG	1020·6	1019·8	1019·2	1018·9	1018·9	1019·2	1019·7	1020·2	1020·5	1020·8	1021·0	1021·0	1020·4
SEP	1017·0	1016·4	1015·8	1015·4	1015·4	1015·9	1016·2	1016·8	1017·5	1017·9	1018·1	1018·0	1017·1
OCT	1016·2	1015·6	1015·2	1014·8	1014·9	1015·3	1015·8	1016·4	1017·0	1017·5	1017·5	1017·4	1016·5
NOV	1014·3	1013·8	1013·3	1012·9	1012·9	1013·2	1013·7	1014·4	1015·1	1015·7	1015·9	1015·8	1014·8
DEC	1013·3	1012·9	1012·5	1012·2	1012·0	1012·2	1012·7	1013·4	1014·1	1014·5	1014·8	1014·8	1012·7
J/Y	1016·0	1015·4	1015·0	1014·7	1014·7	1015·0	1015·5	1016·1	1016·6	1017·0	1017·1	1017·1	1016·2

290/468 KIMBERLEY φ 28°48'S λ 24°46'E H 1197M PM BY/AT 1250 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	874·9	874·9	874·8	874·8	875·1	875·5	875·9	876·2	876·2	876·2	875·9	875·5
FEB	875·6	875·6	875·5	875·4	875·5	875·7	876·1	876·5	876·6	876·7	876·6	876·2
MAR	877·9	877·8	877·7	877·6	877·7	878·0	878·4	878·8	879·0	879·1	878·8	878·3
APR	877·6	877·5	877·4	877·3	877·4	877·7	878·1	878·6	878·9	879·0	878·7	878·2
MAY	876·9	876·8	876·6	876·5	876·4	876·4	876·8	877·4	877·8	877·9	877·7	877·1
JUN	883·2	883·1	883·1	883·0	882·9	883·0	883·4	884·0	884·4	884·7	884·7	884·4
JUL	883·3	883·3	883·2	883·1	883·0	883·3	883·7	884·2	884·6	885·0	884·9	884·4
AUG	882·3	882·2	882·1	882·0	881·9	882·2	882·6	883·2	883·6	883·9	883·7	883·1
SEP	880·3	880·2	879·9	879·8	879·9	880·3	880·7	881·3	881·6	881·6	881·4	880·7
OCT	876·7	876·6	876·4	876·3	876·5	877·0	877·5	877·9	878·0	877·9	877·5	877·0
NOV	875·9	875·8	875·9	876·0	876·2	876·7	877·2	877·5	877·4	877·2	877·0	876·5
DEC	874·8	874·7	874·6	874·7	874·9	875·3	875·7	876·1	876·1	876·0	875·7	875·4
J/Y	878·3	878·2	878·1	878·0	878·1	878·4	878·8	879·3	879·5	879·6	879·4	878·9

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	874·9	874·4	873·7	873·1	872·8	872·9	873·2	873·9	874·5	874·6	874·9	875·1	874·7
FEB	875·8	875·2	874·6	874·1	873·9	873·9	874·3	874·9	875·2	875·5	875·7	875·7	875·4
MAR	877·6	877·0	876·5	876·2	876·1	876·2	876·5	877·1	877·5	877·8	877·9	877·9	877·6
APR	877·3	876·6	876·3	876·1	876·1	876·3	876·6	877·0	877·3	877·5	877·6	877·6	877·4
MAY	876·3	875·8	875·4	875·3	875·6	875·7	876·3	876·7	877·1	877·2	877·2	877·1	876·7
JUN	883·3	882·7	882·3	882·3	882·3	882·5	882·9	883·2	883·4	883·5	883·6	883·5	883·3
JUL	883·6	882·8	882·3	882·1	882·3	882·4	882·8	883·1	883·3	883·3	883·4	883·3	883·4
AUG	882·2	881·4	881·0	880·7	880·9	881·1	881·5	881·9	882·2	882·4	882·5	882·5	882·
SEP	879·9	879·1	878·6	878·2	878·3	878·5	878·9	879·3	879·6	879·8	879·9	879·9	879·9
OCT	876·2	875·5	874·8	874·5	874·6	874·9	875·4	876·1	876·5	876·8	876·9	876·8	876·4
NOV	875·8	875·1	874·4	874·0	874·1	874·2	874·8	875·3	875·6	875·9	876·1	876·0	875·9
DEC	874·8	874·4	873·8	873·5	873·3	873·3	873·6	873·9	874·2	874·6	874·8	874·8	874·7
J/Y	878·1	877·5	877·0	876·7	876·7	876·8	877·2	877·7	878·0	878·2	878·4	878·3	878·1

GEMIDDELDE UURLIKSE WAARDES VAN LUGDRUK - MB - MEAN HOURLY VALUES OF PRESSURE

317/476 UPINGTON φ 28°26'S λ 21°16'E H 814M PM BY/AT 800 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	921·4	921·2	921·0	921·1	921·3	921·7	922·2	922·6	922·6	922·4	922·1	921·8
FEB	921·3	921·0	920·9	920·8	920·9	921·2	921·6	922·1	922·2	922·3	922·1	921·7
MAR	923·7	923·5	923·4	923·3	923·5	923·8	924·3	924·7	925·0	925·0	924·8	924·5
APR	924·5	924·4	924·3	924·2	924·3	924·7	925·1	925·5	925·9	925·9	925·7	925·2
MAY	925·5	925·6	925·3	925·2	925·1	925·2	925·5	926·0	926·6	926·7	926·5	925·9
JUN	931·4	931·4	931·3	931·2	931·1	931·2	931·7	932·1	932·7	932·9	932·7	932·1
JUL	931·4	931·4	931·3	931·2	931·2	931·3	931·6	932·3	932·7	932·9	932·8	932·2
AUG	930·7	930·7	930·5	930·4	930·4	930·7	931·1	931·7	932·0	932·2	932·0	931·4
SEP	928·1	927·9	927·7	927·5	927·5	927·9	928·6	929·1	929·3	929·4	929·1	928·3
OCT	924·2	924·2	923·9	924·1	924·5	924·9	925·5	925·9	926·1	925·9	925·5	924·9
NOV	923·0	922·9	922·8	922·9	923·2	923·6	924·1	924·4	924·3	924·1	923·7	923·1
DEC	921·4	921·4	921·4	921·5	921·7	922·2	922·8	923·0	922·9	922·8	922·5	922·0
J/Y	925·5	925·5	925·3	925·3	925·4	925·7	926·2	926·6	926·9	926·9	926·6	926·1

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	921·3	920·7	919·9	919·3	918·9	918·9	919·3	919·7	920·2	920·7	921·3	921·5	921·0
FEB	921·2	920·6	919·9	919·3	918·9	918·9	919·2	919·7	920·1	920·7	920·9	921·2	920·8
MAR	923·7	923·1	922·4	921·9	921·7	921·8	922·0	922·5	923·0	923·3	923·5	923·7	923·4
APR	924·5	925·8	923·4	923·0	923·0	923·1	923·4	923·8	924·2	924·6	924·8	924·7	924·4
MAY	925·1	924·4	923·9	923·8	923·9	924·1	924·5	925·0	925·4	925·5	925·6	925·5	925·2
JUN	931·3	930·5	930·1	929·9	930·0	930·2	930·7	931·1	931·4	931·6	931·7	931·7	931·3
JUL	931·3	930·5	929·9	929·7	929·8	930·0	930·4	930·7	931·0	931·2	931·3	931·3	931·2
AUG	930·5	929·7	929·2	928·9	928·9	929·2	929·6	930·0	930·4	930·7	930·9	931·0	930·5
SEP	927·4	926·6	925·9	925·6	925·6	925·7	926·1	926·6	927·1	927·5	927·7	927·6	927·5
OCT	924·1	923·3	922·6	922·2	922·0	922·3	922·7	923·3	923·9	924·3	924·5	924·4	924·1
NOV	922·3	921·6	920·8	920·3	920·2	920·4	920·9	921·4	921·9	922·5	922·9	922·9	922·5
DEC	921·2	920·6	919·9	919·3	918·9	918·9	919·2	919·8	920·3	921·0	921·4	921·5	921·1
J/Y	925·3	924·6	924·0	923·6	923·5	923·6	924·0	924·5	924·9	925·3	925·5	925·6	925·3

419/184 KEETMANSHOOP φ 26°34'S λ 18°07'E H 1066M PM BY/AT 1100 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	890·7	890·5	890·3	890·2	890·4	890·7	891·1	891·7	891·9	891·9	891·7	891·3
FEB	890·9	890·8	890·6	890·4	890·4	890·6	890·9	891·4	891·8	891·9	891·7	891·5
MAR	892·5	892·5	892·3	892·2	892·2	892·4	892·8	893·2	893·7	893·8	893·8	893·4
APR	892·6	892·7	892·5	892·3	892·4	892·5	892·8	893·3	893·8	894·0	894·0	893·7
MAY	892·6	892·5	892·4	892·3	892·1	892·2	892·4	892·9	893·4	893·7	893·8	893·4
JUN	897·6	897·6	897·5	897·5	897·4	897·4	897·7	898·1	898·7	899·1	839·2	898·9
JUL	897·9	897·9	897·8	897·6	897·5	897·6	897·9	898·4	898·8	899·2	899·4	899·2
AUG	897·2	897·1	897·0	896·8	896·7	896·9	897·4	897·9	898·4	898·7	898·9	898·6
SEP	895·2	895·1	894·8	894·6	894·6	894·9	895·4	895·9	896·5	896·7	896·7	896·5
OCT	892·4	892·2	891·9	891·9	892·0	892·4	892·9	893·4	893·8	893·9	893·7	893·1
NOV	891·6	891·4	891·2	891·3	891·4	891·7	892·3	892·6	892·8	892·7	892·5	892·0
DEC	890·5	890·4	890·1	890·0	890·1	890·3	890·8	891·2	891·4	891·3	891·1	890·7
J/Y	893·5	893·4	893·2	893·1	893·1	893·3	893·7	894·2	894·6	894·7	894·7	894·3

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	890·7	890·1	889·4	888·6	888·2	888·1	888·4	888·9	889·3	890·0	890·5	890·7	890·2
FEB	890·9	890·2	889·5	888·9	888·5	888·3	888·5	889·0	889·5	890·1	890·7	890·9	890·3
MAR	892·7	892·0	891·2	890·6	890·3	890·2	890·4	890·8	891·4	892·1	892·5	892·5	892·1
APR	893·0	892·2	891·6	891·2	891·0	891·0	891·1	891·6	892·0	892·4	892·7	892·8	892·5
MAY	892·6	891·9	891·3	891·0	891·0	891·1	891·5	892·0	892·2	892·5	892·5	892·6	892·3
JUN	898·3	897·3	896·8	896·5	896·4	896·5	896·8	897·2	897·5	897·8	897·9	897·9	897·7
JUL	898·6	897·7	897·0	896·7	896·7	896·8	897·0	897·3	897·5	897·7	897·8	897·9	897·8
AUG	897·9	897·0	896·3	895·9	895·8	895·9	896·1	896·5	896·9	897·2	897·3	897·4	897·2
SEP	895·5	894·7	893·9	893·4	893·2	893·2	893·4	893·8	894·3	894·7	894·8	894·9	894·9
OCT	892·5	891·7	891·1	890·6	890·3	890·3	890·5	891·1	891·7	892·2	892·4	892·5	892·1
NOV	891·3	890·6	889·9	889·2	889·0	889·1	889·4	889·9	890·5	891·1	891·6	891·7	891·1
DEC	890·2	889·5	888·8	888·2	887·7	887·6	887·8	888·3	888·8	889·5	890·1	890·4	889·8
J/Y	893·7	892·9	892·2	891·7	891·5	891·5	891·7	892·2	892·6	893·1	893·4	893·5	893·2

476/398 JAN SMUTS φ 26°08'S λ 28°14'E H 1694M PM BY/AT 1700 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	831·3	831·1	830·8	830·8	830·9	831·4	831·9	832·0	832·1	832·1	832·0	831·7
FEB	831·8	831·5	831·4	831·3	831·4	831·6	832·0	832·3	832·4	832·5	832·4	832·0
MAR	833·4	833·2	833·0	832·9	833·1	833·4	833·7	834·2	834·4	834·4	834·3	833·8
APR	833·4	833·2	833·0	832·9	833·0	833·3	833·7	834·1	834·5	834·6	834·5	833·9
MAY	831·3	831·1	830·9	830·8	830·8	830·9	831·1	831·6	832·0	832·3	832·1	831·6
JUN	836·9	836·8	836·6	836·5	836·5	836·7	836·9	837·3	837·8	838·0	837·8	837·3
JUL	837·4	837·3	837·1	836·9	836·9	837·1	837·4	837·9	838·4	838·7	838·5	838·0
AUG	835·6	835·4	835·2	835·1	835·0	835·3	835·7	836·2	836·6	836·9	836·7	836·1
SEP	835·1	834·9	834·6	834·4	834·5	834·9	835·3	835·7	836·0	836·1	835·9	835·3
OCT	832·8	832·4	832·2	832·2	832·4	832·9	833·3	833·6	833·7	833·6	833·2	832·7
NOV	832·1	831·8	831·8	831·8	832·2	832·6	833·1	833·4	833·5	833·4	833·2	832·7
DEC	831·2	830·9	830·8	830·8	831·0	831·3	831·7	832·0	832·0	832·0	831·9	831·6
J/Y	833·5	833·3	833·1	833·0	833·1	833·5	833·8	834·2	834·5	834·5	834·4	833·9

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	831·3	830·8	830·2	829·8	829·7	829·9	830·3	830·6	831·2	831·6	831·7	831·6	831·1
FEB	831·7	831·2	830·7	830·3	830·2	830·3	830·7	831·2	831·7	831·9	832·0	831·9	831·5
MAR	833·3	832·8	832·3	832·1	832·0	832·1	832·4	832·9	833·4	833·6	833·6	833·6	833·2
APR	833·3	832·7	832·4	832·3	832·3	832·5	832·7	833·1	833·5	833·6	833·6	833·5	833·3
MAY	831·0	830·6	830·3	830·3	830·5	830·8	831·2	831·5	831·7	831·7	831·6	831·5	831·2
JUN	836·6	836·1	835·8	835·7	836·0	836·3	836·6	836·9	837·2	837·3	837·4	837·3	836·8
JUL	837·2	836·6	836·3	836·2	836·3	836·6	837·0	837·3	837·5	837·7	837·6	837·5	837·3
AUG	835·4	834·7	834·4	834·3	834·4	834·6	835·0	835·3	835·7	835·8	835·8	835·8	835·5
SEP	834·6	834·0	833·6	833·5	833·6	833·8	834·1	834·6	835·1	835·2	835·2	835·1	834·8
OCT	832·1	831·5	831·0	830·7	830·9	831·1	831·5	832·0	832·5	832·8	833·0	832·9	832·4
NOV	832·2	831·6	831·0	830·7	830·9	831·3	831·6	832·1	832·7	833·0	833·0	832·7	832·3
DEC	831·2	830·7	830·2	829·7	829·6	829·7	830·1	830·5	830·9	831·6	831·6	831·5	831·0
J/Y	833·3	832·8	832·3	832·1	832·2	832·4	832·8	833·2	833·6	833·8	833·8	833·7	833·4

GEMIDDELDE UURLIKSE WAARDES VAN LUGDRUK - MB - MEAN HOURLY VALUES OF PRESSURE

508/252 MAFEKING ø 25°52' S λ 25°38' E H 1277M PM BY/AT 1300 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	870·9	870·6	870·5	870·4	870·6	871·1	871·6	871·9	872·0	871·9	871·7	871·4
FEB	870·8	870·7	870·6	870·6	870·7	871·0	871·5	872·0	872·3	872·2	872·1	871·8
MAR	872·7	872·6	872·4	872·4	872·6	872·9	873·3	873·8	874·1	874·2	874·0	873·6
APR	873·0	873·0	872·7	872·6	872·7	873·0	873·4	873·9	874·4	874·6	874·4	873·7
MAY	872·3	872·1	871·9	871·8	871·7	871·8	872·1	872·6	872·9	873·3	873·1	872·6
JUN	877·9	877·9	877·7	877·6	877·6	877·7	878·0	878·5	878·8	879·1	879·0	878·6
JUL	878·5	878·4	878·2	878·2	878·1	878·3	878·8	879·3	879·6	879·9	879·8	879·3
AUG	876·9	876·8	876·7	876·6	876·5	876·8	877·2	877·7	878·0	878·3	878·1	877·5
SEP	875·4	875·2	875·0	875·0	875·1	875·5	876·0	876·5	876·8	876·8	876·6	875·9
OCT	871·9	871·8	871·6	871·6	871·9	872·3	872·8	873·3	873·4	873·3	872·9	872·2
NOV	871·4	871·2	871·2	871·4	871·7	872·2	872·7	873·0	873·1	872·9	872·6	872·1
DEC	870·3	870·1	870·0	870·0	870·3	870·7	871·2	871·5	871·6	871·5	871·4	871·0
J/Y	873·5	873·4	873·2	873·2	873·3	873·6	874·1	874·5	874·7	874·8	874·6	874·1

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	870·9	870·3	869·6	869·0	868·6	868·8	869·3	869·9	870·5	870·9	871·1	871·1	870·6
FEB	871·2	870·6	869·9	869·4	869·1	869·1	869·4	869·9	870·3	870·7	870·9	870·9	870·7
MAR	873·0	872·4	871·8	871·4	871·3	871·3	871·6	872·2	872·7	872·8	872·8	872·8	872·7
APR	872·9	872·3	871·8	871·5	871·5	871·7	872·0	872·3	872·7	873·0	873·1	873·1	872·9
MAY	871·9	871·2	871·0	870·9	870·9	871·2	871·5	871·9	872·3	872·4	872·5	872·4	872·0
JUN	877·8	877·1	876·9	876·7	876·8	877·0	877·3	877·8	878·1	878·2	878·3	878·2	877·9
JUL	878·5	877·8	877·5	877·3	877·2	877·4	877·7	878·1	878·3	878·4	878·5	878·4	878·4
AUG	876·7	875·9	875·4	875·3	875·3	875·5	875·8	876·4	876·7	876·9	877·0	377·1	876·7
SEP	875·1	874·4	873·9	873·6	873·6	873·7	874·1	874·6	875·0	875·2	875·3	875·2	875·1
OCT	871·5	870·8	870·2	869·8	869·7	869·8	870·3	871·0	871·5	871·9	872·1	872·1	871·7
NOV	871·5	870·8	870·2	869·8	869·6	869·7	870·0	870·6	871·0	871·3	871·5	871·6	871·4
DEC	870·5	869·9	869·3	868·9	868·6	868·6	868·9	869·5	869·9	870·4	870·6	870·6	870·2
J/Y	873·5	872·8	872·3	872·0	871·9	872·0	872·3	872·9	873·3	873·5	873·6	873·6	873·4

513/408A PRETORIA ø 25°45' S λ 28°14' E H 1369M PM BY/AT 1400 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	861·2	861·0	860·8	860·8	861·0	861·6	862·1	862·3	862·3	862·2	862·0	861·6
FEB	861·6	861·5	861·3	861·2	861·3	861·8	862·2	862·5	862·6	862·5	862·2	861·7
MAR	863·5	863·4	863·2	863·1	863·2	863·6	864·0	864·5	864·7	864·6	864·2	863·7
APR	863·8	863·6	863·4	863·3	863·4	863·9	864·3	864·8	865·0	865·1	864·7	864·1
MAY	862·0	861·8	861·6	861·5	861·4	861·7	862·2	862·7	862·9	863·0	862·6	862·0
JUN	867·7	867·7	867·5	867·4	867·4	867·7	868·0	868·6	868·7	869·0	868·6	868·0
JUL	868·6	868·3	868·1	868·1	868·0	868·3	868·7	869·2	869·5	869·7	869·5	868·8
AUG	866·4	866·3	866·1	866·0	866·1	866·3	866·8	867·3	867·6	867·8	867·4	866·7
SEP	865·7	865·4	865·2	865·1	865·3	865·8	866·2	866·7	866·9	866·8	866·4	865·6
OCT	863·1	862·8	862·6	862·6	862·9	863·4	863·8	864·1	864·1	863·9	863·4	862·6
NOV	862·2	862·0	862·0	862·1	862·5	863·2	863·6	863·9	863·8	863·6	863·2	862·7
DEC	861·1	860·9	860·8	860·9	861·2	861·6	861·9	862·2	862·2	862·1	861·9	861·5
J/Y	863·9	863·7	863·6	863·5	863·6	864·1	864·5	864·9	865·0	865·0	864·7	864·1

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	861·1	860·4	859·7	859·2	859·1	859·4	859·8	860·4	860·9	861·4	861·6	861·5	861·0
FEB	861·2	860·5	860·0	859·7	859·6	859·7	860·2	860·9	861·3	861·7	861·7	861·7	861·3
MAR	863·0	862·4	861·9	861·6	861·5	861·6	862·0	862·7	863·2	863·5	863·5	863·6	863·2
APR	863·3	862·6	862·3	862·1	862·1	862·3	862·6	863·2	863·6	863·9	864·0	863·9	863·6
MAY	861·3	860·7	860·5	860·5	860·7	861·0	861·5	862·0	862·2	862·2	862·2	862·1	861·8
JUN	867·1	866·5	866·2	866·2	866·3	866·6	867·1	867·5	867·8	868·0	868·1	868·1	867·6
JUL	867·9	867·2	866·9	866·8	866·9	867·2	867·7	868·1	868·3	868·5	868·6	868·5	868·2
AUG	865·9	865·1	864·7	864·6	864·8	865·0	865·4	865·9	866·2	866·4	866·5	866·5	866·2
SEP	864·7	864·0	863·5	863·4	863·6	863·9	864·1	864·8	865·2	865·5	865·6	865·6	865·2
OCT	861·9	861·0	860·5	860·2	860·3	860·6	861·2	861·8	862·4	862·8	863·1	863·1	862·4
NOV	862·1	861·3	860·6	860·3	860·4	860·7	861·3	862·0	862·5	863·1	863·0	862·8	862·3
DEC	861·1	860·4	859·9	859·4	859·1	859·2	859·6	860·3	860·7	861·2	861·4	861·3	860·9
J/Y	863·4	862·7	862·2	862·0	862·0	862·3	862·7	863·3	863·7	864·0	864·1	864·1	863·6

677/802 PIETERSBURG ø 23°52' S λ 29°27' E H 1230M PM BY/AT 1250 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	877·2	876·9	876·7	876·6	876·9	877·5	877·9	878·1	878·2	878·1	877·8	877·5
FEB	877·7	877·4	877·3	877·2	877·2	877·6	878·1	878·4	878·5	878·5	878·0	877·7
MAR	879·4	879·1	878·9	878·8	879·0	879·3	879·8	880·2	880·4	880·3	879·9	879·4
APR	879·9	879·7	879·5	879·4	879·5	879·9	880·3	880·9	881·1	881·0	880·6	879·9
MAY	878·1	877·9	877·8	877·6	877·5	877·8	878·3	878·8	879·2	879·3	878·7	878·0
JUN	883·9	883·7	883·5	883·3	883·3	883·6	884·0	884·5	884·9	884·9	884·5	883·9
JUL	884·7	884·4	884·1	884·0	883·9	884·1	884·6	885·2	885·6	885·8	885·4	884·8
AUG	882·6	882·3	882·1	881·9	882·0	882·3	882·8	883·3	883·7	883·8	883·3	882·6
SEP	882·1	881·7	881·3	881·1	881·3	881·7	882·2	882·8	882·9	882·9	882·3	881·6
OCT	879·0	878·5	878·3	878·3	878·7	879·2	879·7	880·1	880·1	879·9	879·4	878·7
NOV	878·5	878·3	878·1	878·2	878·5	879·2	879·6	879·8	879·8	879·7	879·3	878·7
DEC	877·2	877·0	876·8	876·8	876·9	877·4	877·8	878·0	878·0	877·9	877·6	877·2
J/Y	880·0	879·7	879·5	879·4	879·6	880·0	880·4	880·8	881·0	881·0	880·6	880·0

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	877·0	876·2	875·5	875·0	875·0	875·3	875·9	876·5	877·2	877·7	877·8	877·5	876·9
FEB	877·0	876·4	876·0	875·5	875·5	875·7	876·1	876·8	877·3	877·7	877·9	877·9	877·2
MAR	878·7	878·1	877·6	877·4	877·4	877·7	878·0	878·7	879·3	879·6	879·6	879·5	879·0
APR	879·2	878·6	878·2	878·1	878·3	878·6	879·0	879·5	879·9	880·0	880·1	880·0	879·6
MAY	877·2	876·7	876·5	876·5	876·7	877·1	877·6	878·1	878·3	878·5	878·5	878·3	877·9
JUN	883·0	882·4	882·2	882·2	882·5	882·8	883·3	883·7	884·1	884·3	884·4	884·3	883·6
JUL	883·9	883·2	882·9	882·9	883·1	883·4	883·9	884·3	884·6	884·8	884·8	884·6	884·
AUG	881·7	881·1	880·6	880·6	880·8	881·2	881·7	882·2	882·6	882·8	882·9	882·8	882·2
SEP	880·7	879·9	879·5	879·4	879·6	880·0	880·6	881·2	881·8	882·0	882·1	882·1	881·4
OCT	877·9	877·2	876·7	876·3	876·4	876·8	877·6	878·3	879·0	879·4	879·4	879·1	878·5
NOV	878·1	877·3	876·8	876·5	876·6	877·0	877·5	878·1	878·8	879·2	879·3	879·1	878·4
DEC	876·7	876·2	875·5	875·0	875·0	875·2	875·7	876·5	877·0	877·4	877·6	877·5	876·8
J/Y	879·3	878·6	878·2	877·9	878·1	878·4	878·9	879·5	880·0	880·3	880·4	880·2	879·7

GEMIDDELDE UURLIKSE WAARDES VAN LUGDRUK - MB - MEAN HOURLY VALUES OF PRESSURE

740/154 WINDHOEK φ 22°34' S λ 17°06' E H 1728M PM BY/AT 1700 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	831·7	831·4	831·0	830·7	830·5	830·8	831·3	831·7	831·9	831·8	831·6	831·3
FEB	832·2	831·9	831·6	831·3	831·0	831·2	831·4	831·9	832·2	832·2	832·1	831·7
MAR	833·3	833·1	832·8	832·5	832·3	832·5	832·9	833·3	833·7	833·8	833·6	833·3
APR	833·0	832·9	832·6	832·4	832·2	832·5	832·8	833·3	833·6	833·7	833·6	833·2
MAY	832·6	832·4	832·1	831·8	831·4	831·5	831·7	832·3	832·7	832·9	832·9	832·4
JUN	836·5	836·4	836·2	835·9	835·6	835·7	835·9	836·4	836·9	837·0	836·9	836·5
JUL	836·5	836·4	836·2	835·9	835·7	835·8	836·1	836·7	837·2	837·4	837·4	837·0
AUG	835·8	835·6	835·4	835·2	834·9	835·0	835·3	835·9	836·3	836·4	836·5	836·0
SEP	834·8	834·7	834·3	834·1	834·0	834·3	834·7	835·2	835·5	835·6	835·4	834·9
OCT	832·3	832·0	831·8	831·6	831·6	831·9	832·3	832·8	832·9	832·9	832·7	832·2
NOV	831·9	831·6	831·3	831·2	831·2	831·5	831·9	832·2	832·3	832·3	832·1	831·7
DEC	830·8	830·5	830·2	830·0	830·0	830·2	830·7	831·1	831·2	831·1	831·0	830·7
J/Y	833·5	833·2	833·0	832·7	832·5	832·7	833·1	833·6	833·9	833·9	833·8	833·4

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	830·9	830·3	829·8	829·2	828·8	828·9	829·4	830·1	830·7	831·3	831·8	831·9	830·8
FEB	831·3	830·8	830·2	829·8	829·7	829·7	830·1	830·6	831·2	831·8	832·2	832·3	831·3
MAR	832·7	832·1	831·4	831·0	830·9	831·0	831·3	831·9	832·4	832·9	833·2	833·3	832·5
APR	832·4	831·7	831·2	830·9	830·9	831·1	831·5	832·1	832·7	833·1	833·1	833·2	832·5
MAY	831·7	831·1	830·7	830·5	830·6	831·0	831·4	832·0	832·5	832·7	832·9	832·8	831·9
JUN	835·8	835·0	834·5	834·3	834·4	834·8	835·3	835·8	836·2	836·5	836·7	836·7	835·9
JUL	836·3	835·4	834·8	834·5	834·6	834·9	835·3	835·8	836·2	836·4	836·5	836·5	836·1
AUG	835·3	834·6	833·8	833·5	833·6	833·8	834·2	834·8	835·4	835·7	835·8	835·9	835·2
SEP	834·2	833·4	832·7	832·4	832·4	832·7	833·1	833·7	834·2	834·6	834·7	834·7	834·2
OCT	831·6	830·9	830·3	829·9	829·8	830·1	830·7	831·4	832·0	832·4	832·6	832·5	831·7
NOV	831·2	830·6	830·0	829·6	829·3	829·6	830·2	830·8	831·4	831·9	832·1	832·2	831·3
DEC	830·2	829·7	829·2	828·6	828·2	828·4	828·8	829·5	830·2	830·6	831·0	831·0	830·1
J/Y	832·8	832·1	831·5	831·2	831·1	831·3	831·8	832·4	832·9	833·3	833·5	833·6	832·8

1020/749 MAUN φ 19°59' S λ 23°25' E H 945M PM BY/AT 900 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	910·8	910·5	910·4	910·3	910·5	911·1	911·6	912·0	912·1	912·2	912·0	911·6
FEB	910·8	910·7	910·5	910·5	910·7	911·1	911·7	911·9	912·1	912·1	911·9	911·4
MAR	912·3	912·2	912·1	912·1	912·3	912·6	913·1	913·5	913·7	913·7	913·5	912·9
APR	913·0	912·9	912·9	912·9	913·0	913·4	914·0	914·5	914·7	914·7	914·5	913·8
MAY	913·5	913·4	913·3	913·3	913·4	913·6	914·1	914·5	914·8	915·1	914·8	914·1
JUN	917·9	917·9	917·8	917·7	917·8	918·1	918·5	918·9	919·3	919·5	919·3	918·7
JUL	918·7	918·7	918·5	918·5	918·6	918·8	919·3	919·7	920·1	920·4	920·2	919·7
AUG	917·0	916·9	916·8	916·8	916·9	917·3	917·8	918·2	918·5	918·8	918·7	917·9
SEP	915·1	914·9	914·8	914·8	915·0	915·4	916·1	916·7	916·8	916·9	916·6	915·7
OCT	911·0	910·9	910·7	910·7	911·1	911·7	912·4	912·9	913·0	912·9	912·5	911·6
NOV	910·6	910·6	910·6	910·8	911·0	911·5	912·2	912·5	912·5	912·4	912·0	911·2
DEC	909·9	909·7	909·6	909·6	909·7	910·2	910·7	911·1	911·2	911·2	910·9	910·4
J/Y	913·4	913·3	913·2	913·2	913·3	913·7	914·3	914·7	914·9	915·0	914·7	914·1

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	910·9	910·2	909·7	909·0	908·6	908·8	909·2	909·7	910·1	910·6	911·0	910·9	910·6
FEB	910·8	909·9	909·1	908·5	907·9	908·0	908·5	909·2	909·8	910·4	910·7	910·8	910·4
MAR	912·1	911·4	910·7	910·3	910·0	910·3	910·7	911·3	911·8	912·2	912·4	912·4	912·1
APR	912·9	912·1	911·6	911·1	910·9	911·2	911·5	912·1	912·7	912·9	913·0	913·0	912·9
MAY	913·2	912·3	911·8	911·5	911·5	911·8	912·3	912·9	913·3	913·4	913·5	913·5	913·3
JUN	917·8	917·0	916·5	916·1	916·1	916·5	917·0	917·5	917·8	918·1	918·3	918·3	917·8
JUL	918·8	917·9	917·3	916·9	916·8	917·1	917·5	918·0	918·3	918·5	918·7	918·7	918·6
AUG	916·9	916·0	915·3	914·9	914·8	915·0	915·4	916·0	916·5	916·8	917·0	917·1	916·8
SEP	914·7	913·7	913·0	912·6	912·4	912·7	913·2	913·8	914·3	914·7	914·8	914·9	914·7
OCT	910·6	909·7	909·0	908·4	908·1	908·4	909·0	909·8	910·3	910·7	911·0	911·1	910·7
NOV	910·4	909·6	908·8	908·2	907·8	908·1	908·7	909·5	910·1	910·5	910·8	910·8	910·5
DEC	909·6	908·8	908·2	907·6	907·3	907·5	908·2	908·8	909·3	909·8	910·1	910·1	909·6
J/Y	913·2	912·4	911·7	911·3	911·0	911·3	911·8	912·4	912·9	913·2	913·4	913·5	913·2

0/543 TRISTAN DA CUNHA φ 37°03' S λ 12°19' W H 23M PM BY/AT 0 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	1019·4	1019·3	1019·0	1018·5	1018·2	1018·0	1018·0	1018·2	1018·3	1018·6	1018·4	1018·3
FEB	1018·2	1018·1	1018·0	1017·6	1017·4	1017·3	1017·2	1017·3	1017·4	1017·8	1017·8	1017·9
MAR	1018·2	1018·4	1017·9	1017·8	1017·4	1017·2	1017·0	1017·1	1017·2	1017·6	1017·7	1018·0
APR	1018·0	1017·9	1017·6	1017·6	1017·4	1016·8	1016·7	1016·7	1016·8	1017·0	1017·2	1017·5
MAY	1019·0	1018·8	1018·6	1018·5	1018·5	1018·3	1018·1	1018·1	1018·2	1018·4	1018·5	1018·8
JUN	1018·4	1018·5	1018·3	1018·1	1018·0	1017·8	1017·5	1017·4	1017·4	1017·8	1017·7	1018·0
JUL	1019·8	1019·8	1019·7	1019·5	1019·5	1019·3	1019·0	1018·9	1018·9	1019·5	1019·6	1019·8
AUG	1019·4	1019·3	1019·3	1019·2	1018·9	1018·6	1018·2	1018·2	1018·3	1018·7	1018·9	1019·1
SEP	1021·0	1020·8	1020·7	1020·7	1020·4	1020·1	1019·9	1020·1	1020·2	1020·6	1020·8	1021·0
OCT	1017·0	1016·7	1016·6	1016·2	1015·7	1015·5	1015·8	1015·5	1015·6	1016·1	1016·1	1016·3
NOV	1019·8	1019·6	1019·4	1019·0	1018·7	1018·6	1018·5	1018·8	1019·0	1019·4	1019·4	1019·4
DEC	1020·7	1020·5	1020·2	1019·6	1019·3	1019·0	1019·1	1019·2	1019·3	1019·7	1019·6	1019·7
J/Y	1019·1	1019·0	1018·8	1018·5	1018·3	1018·0	1017·9	1018·0	1018·1	1018·4	1018·5	1018·6

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	1018·4	1018·3	1018·3	1018·3	1018·3	1018·2	1018·0	1018·0	1018·2	1018·5	1018·8	1019·0	1018·4
FEB	1018·0	1018·0	1018·0	1017·9	1017·7	1017·5	1017·4	1017·3	1017·4	1017·6	1017·9	1018·2	1017·7
MAR	1018·1	1018·0	1018·0	1017·9	1017·7	1017·6	1017·6	1017·6	1017·7	1017·8	1018·3	1018·5	1017·8
APR	1017·5	1017·5	1017·4	1016·9	1016·8	1016·9	1017·1	1017·3	1017·5	1017·9	1018·1	1018·3	1017·4
MAY	1018·8	1018·7	1018·4	1018·1	1017·9	1017·8	1017·9	1018·1	1018·3	1018·6	1018·8	1019·0	1018·4
JUN	1018·1	1017·9	1017·4	1017·0	1016·8	1016·8	1016·9	1017·1	1017·3	1017·5	1017·6	1017·8	1017·6
JUL	1020·2	1020·2	1020·0	1019·5	1019·4	1019·4	1019·5	1019·6	1019·7	1020·0	1020·1	1020·2	1019·5
AUG	1019·2	1019·2	1018·7	1018·2	1018·0	1018·0	1018·1	1018·2	1018·5	1018·7	1019·1	1019·3	1018·7
SEP	1021·0	1021·0	1020·8	1020·4	1020·1	1020·1	1020·1	1020·3	1020·6	1020·9	1021·1	1021·4	1020·6
OCT	1016·4	1016·3	1016·0	1015·9	1015·7	1015·5	1015·5	1015·6	1015·7	1016·0	1016·5	1016·6	1016·0
NOV	1019·6	1019·5	1019·4	1019·4	1019·3	1019·0	1019·0	1019·1	1019·4	1019·8	1020·1	1020·4	1019·3
DEC	1019·8	1019·8	1019·8	1019·7	1019·6	1019·5	1019·4	1019·4	1019·6	1019·8	1020·0	1020·3	1019·7
J/Y	1018·8	1018·7	1018·5	1018·3	1018·1	1018·0	1018·0	1018·1	1018·3	1018·6	1018·9	1019·1	1018·5

GEMIDDELDE UURLIKSE WAARDES VAN LUGDRUK - MB - MEAN HOURLY VALUES OF PRESSURE

0/653 MARION ø 46°53'S λ 37°52'E H 23M PM BY/AT 0 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	1008·6	1008·3	1008·3	1008·3	1008·3	1008·3	1008·4	1008·3	1008·2	1008·4	1008·2	1008·2
FEB	1007·5	1007·4	1007·2	1007·2	1007·3	1007·3	1007·5	1007·3	1007·3	1007·3	1007·0	1006·6
MAR	1009·5	1009·3	1009·2	1009·2	1009·3	1009·5	1009·8	1009·7	1009·9	1009·9	1009·7	1009·6
APR	1011·7	1011·4	1010·7	1011·6	1011·4	1011·5	1011·7	1011·9	1012·1	1012·2	1012·2	1012·0
MAY	1009·7	1009·7	1009·4	1009·3	1009·4	1009·3	1009·5	1009·8	1009·9	1009·8	1009·6	1009·4
JUN	999·8	999·8	999·7	999·5	999·4	999·3	999·3	999·2	999·3	999·4	999·0	998·6
JUL	1012·1	1012·1	1011·8	1011·6	1011·5	1011·7	1012·0	1012·2	1012·6	1012·9	1012·8	1012·6
AUG	1005·4	1005·1	1005·5	1005·2	1005·5	1005·9	1006·5	1007·0	1007·4	1007·7	1007·9	1007·7
SEP	1012·2	1011·7	1011·4	1011·5	1011·5	1011·5	1011·8	1012·0	1012·0	1011·8	1011·5	1011·3
OCT	1008·6	1008·4	1008·5	1008·7	1009·0	1009·3	1009·5	1009·6	1009·7	1009·7	1009·4	1009·2
NOV	1008·0	1008·1	1008·1	1008·3	1008·7	1008·9	1009·3	1009·4	1009·4	1009·4	1009·2	1009·1
DEC	1000·4	1000·3	1000·2	1000·3	1000·3	1000·1	1000·0	999·8	999·5	999·1	999·0	998·8
J/Y	1007·8	1007·6	1007·5	1007·6	1007·6	1007·7	1007·9	1008·0	1008·1	1008·1	1008·0	1007·9

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	1008·2	1008·2	1008·0	1007·8	1007·9	1008·2	1008·6	1009·0	1009·2	1009·3	1009·4	1009·4	1008·5
FEB	1006·4	1006·4	1006·4	1006·5	1006·7	1007·0	1007·3	1007·6	1007·6	1007·5	1007·7	1007·7	1007·2
MAR	1009·5	1009·5	1009·3	1009·3	1009·3	1009·2	1009·4	1009·7	1009·7	1009·7	1009·8	1009·8	1009·5
APR	1011·7	1011·7	1011·7	1011·7	1011·8	1012·2	1012·4	1012·4	1012·6	1012·4	1012·1	1012·0	1011·9
MAY	1009·1	1008·9	1009·0	1009·0	1009·0	1009·1	1009·2	1009·3	1009·3	1009·2	1009·1	1009·0	1009·3
JUN	998·3	998·1	998·4	998·5	998·6	998·9	999·2	999·4	999·5	999·6	999·8	999·9	999·2
JUL	1012·5	1012·4	1012·9	1013·0	1012·8	1012·6	1012·7	1012·5	1012·3	1012·2	1012·3	1012·3	1012·3
AUG	1007·5	1007·5	1007·6	1007·7	1007·7	1007·8	1007·6	1007·2	1007·1	1006·9	1006·7	1006·3	1006·8
SEP	1011·0	1010·7	1010·8	1010·8	1010·8	1010·9	1011·1	1011·2	1011·3	1011·1	1010·8	1010·9	1011·3
OCT	1009·1	1009·0	1008·9	1009·0	1009·1	1009·1	1009·3	1009·4	1009·2	1008·9	1008·8	1008·6	1009·1
NOV	1009·0	1008·8	1008·6	1008·5	1008·5	1008·6	1008·7	1008·8	1008·8	1008·8	1008·7	1008·7	1008·8
DEC	998·6	998·6	998·5	998·4	998·5	998·7	999·0	999·4	999·8	1000·2	1000·3	1000·3	999·5
J/Y	1007·6	1007·5	1007·5	1007·5	1007·6	1007·7	1007·9	1008·0	1008·0	1008·0	1008·0	1007·9	1007·8

0/709 GOUGH ø 40°19'S λ 09°54'W H 5M PM BY/AT 0 GPM

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	1017·9	1017·8	1017·4	1016·9	1016·4	1016·2	1016·2	1016·4	1016·6	1017·0	1017·0	1017·1
FEB	1015·3	1015·1	1015·0	1014·7	1014·6	1014·5	1014·5	1014·7	1015·0	1015·4	1015·5	1015·7
MAR	1016·0	1015·8	1015·5	1015·3	1015·0	1014·8	1014·7	1014·7	1015·1	1015·2	1015·6	1015·9
APR	1015·4	1015·0	1014·6	1014·4	1014·0	1013·6	1013·4	1013·3	1013·4	1013·7	1014·1	1014·4
MAY	1015·2	1016·0	1015·8	1015·6	1015·3	1015·1	1014·8	1014·7	1014·6	1014·9	1015·6	1015·8
JUN	1014·3	1014·2	1014·1	1013·8	1013·8	1013·6	1013·4	1013·3	1013·4	1013·6	1013·7	1013·9
JUL	1014·0	1013·8	1013·5	1013·2	1013·0	1012·9	1012·6	1012·8	1013·1	1013·3	1014·1	1014·6
AUG	1015·3	1015·2	1015·1	1015·0	1014·8	1014·5	1014·3	1014·3	1014·3	1014·5	1014·9	1015·0
SEP	1018·5	1018·4	1018·3	1018·3	1017·9	1017·6	1017·8	1018·2	1018·6	1018·9	1019·1	1019·3
OCT	1014·6	1014·4	1014·1	1013·6	1013·2	1013·1	1013·0	1013·1	1013·4	1013·8	1014·0	1014·1
NOV	1016·4	1016·4	1016·2	1015·8	1015·6	1015·6	1015·7	1015·9	1016·1	1016·2	1016·4	1016·4
DEC	1018·1	1017·9	1017·5	1017·1	1016·6	1016·4	1016·6	1016·7	1016·8	1017·0	1017·0	1017·0
J/Y	1016·0	1015·8	1015·6	1015·3	1015·0	1014·8	1014·7	1014·8	1015·0	1015·3	1015·6	1015·8

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	1017·2	1017·2	1017·0	1017·0	1017·0	1016·9	1016·7	1016·7	1016·9	1017·1	1017·3	1017·3	1017·0
FEB	1015·8	1015·8	1015·6	1015·6	1015·4	1015·3	1015·3	1015·2	1015·3	1015·3	1015·7	1015·8	1015·3
MAR	1016·0	1015·9	1015·7	1015·7	1015·6	1015·4	1015·5	1015·5	1015·6	1015·8	1016·2	1016·2	1015·5
APR	1014·4	1014·5	1014·3	1014·1	1014·0	1014·3	1014·5	1014·7	1015·2	1015·6	1015·8	1015·8	1014·4
MAY	1015·8	1015·6	1015·1	1014·8	1014·8	1014·9	1015·2	1015·3	1015·7	1015·9	1016·0	1016·2	1015·4
JUN	1014·0	1013·8	1013·3	1013·1	1012·8	1012·8	1013·0	1013·1	1013·3	1013·6	1013·7	1013·7	1013·6
JUL	1014·9	1015·0	1014·6	1014·3	1014·1	1014·2	1014·3	1014·3	1014·4	1014·6	1014·7	1014·6	1014·0
AUG	1015·0	1014·9	1014·5	1013·9	1013·8	1013·9	1014·1	1014·4	1014·7	1014·9	1015·0	1015·2	1014·6
SEP	1019·1	1018·9	1018·5	1018·0	1017·7	1017·7	1017·6	1017·8	1018·0	1018·3	1018·6	1018·8	1018·3
OCT	1014·2	1014·0	1013·8	1013·6	1013·3	1013·1	1013·2	1013·4	1013·6	1013·8	1014·1	1014·2	1013·7
NOV	1016·5	1016·3	1016·1	1016·0	1015·8	1015·7	1015·7	1015·9	1016·0	1016·4	1016·9	1017·3	1016·1
DEC	1017·1	1017·1	1017·0	1016·9	1016·8	1016·6	1016·6	1016·7	1016·9	1017·2	1017·4	1017·8	1017·0
J/Y	1015·8	1015·7	1015·5	1015·3	1015·1	1015·1	1015·1	1015·3	1015·5	1015·7	1015·9	1016·1	1015·4

GEMIDDELDE UURLIKSE WAARDES VAN TEMPERATUUR °C / MEAN HOURLY VALUES OF TEMPERATURE °C

21/178 D F MALAN φ 33°58' S λ 18°36' E H 44M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	17·2	16·8	16·2	16·0	15·6	15·2	16·4	18·5	20·1	21·6	22·6	23·3
FEB	18·0	17·5	17·5	17·1	17·0	16·9	17·3	18·9	21·0	22·4	23·8	24·8
MAR	15·8	15·5	15·2	15·0	14·9	14·7	14·7	16·4	18·9	21·0	22·4	23·2
APR	13·4	13·1	12·9	12·7	12·4	12·5	12·2	13·0	15·5	17·2	18·4	19·3
MAY	11·5	11·3	11·2	11·0	11·0	11·0	10·9	10·8	12·6	13·9	15·1	15·8
JUN	9·9	9·5	9·2	9·0	9·0	8·9	8·7	8·8	10·8	13·3	15·2	16·3
JUL	7·8	7·5	7·0	7·1	6·9	7·3	7·1	7·3	10·1	13·0	14·9	16·2
AUG	9·6	9·2	8·8	8·7	8·7	8·6	8·6	9·6	12·5	14·6	16·0	17·0
SEP	9·8	9·6	9·2	8·9	8·7	8·6	8·7	10·9	14·1	16·5	18·1	19·2
OCT	11·9	11·9	11·4	11·2	10·7	10·7	11·4	13·8	15·6	17·3	18·5	19·1
NOV	14·6	14·2	13·7	13·2	13·1	13·1	15·1	17·4	19·3	20·8	21·6	22·3
DEC	16·1	16·1	16·0	15·8	15·6	15·8	17·4	19·2	20·6	21·9	22·8	23·5
J/Y	13·0	12·7	12·4	12·1	12·0	11·9	12·4	13·7	15·9	17·8	19·1	20·0

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	23·3	23·3	22·8	22·7	22·2	21·5	20·4	19·2	18·5	18·2	17·8	17·6	19·5
FEB	25·4	25·4	24·7	24·1	23·5	22·2	20·7	19·3	18·8	18·5	18·4	18·4	20·3
MAR	23·5	23·7	23·4	22·6	21·7	20·3	18·5	17·3	16·9	16·4	16·2	16·0	18·5
APR	19·7	19·7	19·4	19·0	18·3	17·2	15·6	15·0	14·4	13·9	13·5	13·4	15·5
MAY	16·2	16·5	16·3	15·8	15·0	14·1	13·1	12·7	12·2	11·9	11·8	11·8	13·1
JUN	16·8	17·1	16·9	16·2	15·0	13·5	12·3	11·0	10·9	10·5	10·4	10·2	12·1
JUL	17·0	17·6	17·2	16·3	15·2	13·4	11·5	9·9	9·1	8·5	8·0	7·8	11·0
AUG	17·7	18·1	17·7	17·2	16·3	14·8	13·1	11·8	11·2	10·8	10·5	10·0	12·5
SEP	19·8	19·9	19·6	18·8	17·8	16·3	14·3	13·0	11·9	11·3	10·5	10·3	13·6
OCT	19·7	19·9	19·4	19·0	17·9	16·6	14·9	13·9	13·3	13·0	12·6	12·2	14·8
NOV	22·6	22·5	22·0	21·2	20·3	19·0	17·7	16·5	16·2	16·0	15·8	15·3	17·6
DEC	23·4	23·2	22·8	22·3	21·5	20·5	19·5	18·1	17·5	17·2	16·8	16·6	19·2
J/Y	20·4	20·6	20·2	19·6	18·7	17·5	16·0	14·8	14·2	13·9	13·5	13·3	15·7

28/748 GEORGE φ 33°58' S λ 22°25' E H 221M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	15·0	14·6	14·3	13·9	13·8	14·0	15·7	17·5	19·3	20·3	21·1	21·3
FEB	16·7	16·5	16·1	16·0	15·7	15·3	16·1	18·0	19·6	20·7	21·7	22·0
MAR	15·0	14·7	14·7	14·9	14·7	14·7	14·9	16·3	18·4	19·7	20·6	21·1
APR	13·5	13·6	13·3	13·0	13·1	12·9	12·8	14·1	16·7	18·3	19·4	20·1
MAY	11·3	11·2	10·8	11·2	11·1	11·4	11·2	11·1	14·1	15·8	17·0	17·5
JUN	-	-	-	-	-	-	-	-	-	-	-	-
JUL	-	-	-	-	-	-	-	-	-	-	-	-
AUG	10·4	10·4	10·1	10·4	10·3	10·4	10·7	11·3	14·6	16·5	17·4	18·3
SEP	10·9	10·7	10·7	10·2	10·1	10·5	10·3	12·0	15·5	16·8	18·2	18·7
OCT	11·1	11·2	10·9	10·8	10·9	10·9	12·1	13·9	15·4	16·5	17·1	17·3
NOV	13·4	13·1	12·9	12·9	12·8	12·9	14·7	16·5	18·4	18·9	19·3	19·8
DEC	15·0	14·8	14·6	14·3	14·3	14·5	15·9	17·8	19·4	19·9	20·5	21·0
J/Y	-	-	-	-	-	-	-	-	-	-	-	-

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	21·4	21·3	20·9	20·4	20·0	19·5	18·6	17·5	17·0	16·5	16·0	15·4	17·7
FEB	22·3	22·6	22·8	22·3	21·6	20·8	19·8	18·8	18·2	17·6	17·3	17·0	19·0
MAR	21·2	21·1	21·0	20·6	19·9	19·2	17·9	16·9	16·4	16·0	15·7	15·3	17·5
APR	20·0	19·9	19·8	19·1	18·4	16·8	15·6	14·9	14·2	13·9	13·8	13·4	15·9
MAY	17·7	17·8	17·2	16·7	15·6	13·6	12·5	12·0	11·7	11·7	11·6	11·3	13·5
JUN	-	-	-	-	-	-	-	-	-	-	-	-	-
JUL	-	-	-	-	-	-	-	-	-	-	-	-	-
AUG	18·9	18·8	18·4	17·7	16·2	14·0	12·2	11·4	10·9	10·4	10·4	10·3	13·4
SEP	18·8	18·9	18·4	18·0	17·0	15·8	14·4	13·6	12·9	12·3	11·9	11·5	14·1
OCT	17·2	17·1	16·0	15·6	15·1	14·3	13·6	12·8	12·4	11·9	11·5	11·3	13·6
NOV	19·9	19·6	19·5	19·3	18·5	17·9	16·7	15·8	15·3	14·7	14·4	14·0	16·3
DEC	21·0	20·8	20·7	20·5	20·0	19·2	18·4	17·5	16·9	16·5	16·0	15·7	17·7
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-

35/179 PORT ELIZABETH φ 33°59' S λ 25°36' E H 62M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	17·6	17·3	17·2	16·9	16·7	17·0	18·7	20·4	21·3	22·2	22·7	23·2
FEB	18·8	18·7	18·5	18·1	17·7	17·5	18·6	20·7	22·2	23·1	23·5	23·9
MAR	17·5	17·4	17·2	17·1	17·0	16·9	17·4	19·0	20·7	21·9	22·6	23·0
APR	15·7	15·6	15·4	15·1	15·0	14·9	14·7	16·0	18·1	19·5	20·4	20·7
MAY	12·6	12·3	11·9	11·7	11·8	11·9	11·9	12·8	15·7	17·6	18·9	19·5
JUN	11·7	11·1	10·9	11·0	10·8	11·0	10·7	11·2	14·5	17·5	19·3	20·3
JUL	11·9	11·7	11·4	10·8	10·6	10·3	9·9	10·3	13·4	16·3	18·0	18·8
AUG	11·9	11·8	11·5	11·2	10·9	10·5	10·2	11·6	14·8	16·8	18·0	18·9
SEP	13·1	13·1	12·8	12·8	12·4	12·1	12·4	14·2	16·0	17·4	18·5	18·8
OCT	14·5	14·2	14·1	13·8	13·7	14·0	15·1	16·2	17·4	17·9	18·4	18·7
NOV	16·1	15·9	15·7	15·3	14·9	15·4	17·8	19·1	19·9	20·7	21·4	21·6
DEC	17·3	17·1	16·7	16·6	16·6	17·3	19·1	20·4	21·3	21·8	22·4	22·6
J/Y	14·9	14·7	14·4	14·2	14·0	14·1	14·7	16·0	17·9	19·4	20·3	20·8

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	23·2	23·0	22·6	22·2	21·5	20·8	20·0	19·2	18·6	18·2	18·1	17·9	19·9
FEB	24·0	24·1	23·5	23·3	22·7	21·9	21·1	20·4	19·9	19·4	19·0	18·8	20·8
MAR	22·8	23·0	22·3	21·7	21·1	20·3	19·5	19·1	18·6	18·4	18·1	17·9	19·6
APR	21·2	20·9	20·3	19·8	19·0	18·0	17·4	16·8	16·6	16·7	16·3	16·2	17·5
MAY	19·8	19·6	19·0	18·4	17·2	15·6	15·0	14·4	13·9	13·5	13·2	13·0	15·0
JUN	20·5	20·4	20·1	19·2	17·6	15·5	14·5	13·9	13·2	12·4	12·1	11·9	14·6
JUL	19·5	19·6	19·6	19·0	17·4	15·2	13·8	12·8	12·6	12·4	12·2	12·2	[illegible]
AUG	19·5	19·4	19·0	18·4	17·1	15·4	13·8	13·2	12·8	12·6	12·3	12·2	14·[illegible]
SEP	18·9	18·9	18·5	17·9	17·0	16·1	15·2	14·7	14·4	14·0	13·8	13·4	15·3
OCT	18·9	19·0	18·7	18·1	17·3	16·4	15·7	15·3	15·1	15·0	14·8	14·6	16·1
NOV	21·7	21·5	21·0	20·5	19·6	18·9	18·2	17·6	17·4	17·2	16·9	16·5	18·4
DEC	22·7	22·4	22·2	21·7	21·1	20·6	19·6	18·8	18·4	18·0	17·7	17·6	19·6
J/Y	21·1	21·0	20·6	20·0	19·1	17·9	17·0	16·3	16·0	15·7	15·4	15·2	17·1

GEMIDDELDE UURLIKSE WAARDES VAN TEMPERATUUR °C / MEAN HOURLY VALUES OF TEMPERATURE °C

59/572 EAST LONDON φ 33°02'S λ 27°50'E H 125M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	18·4	18·0	17·8	17·6	17·5	17·7	18·9	20·5	21·7	22·6	22·9	22·9
FEB	19·6	19·2	19·1	19·0	18·8	18·8	19·6	21·2	23·0	23·8	24·2	24·5
MAR	18·9	18·6	18·3	18·1	17·9	17·7	18·0	19·7	21·6	22·7	23·2	23·4
APR	16·9	16·7	16·4	16·2	15·8	15·6	15·7	17·6	19·5	21·2	21·6	21·9
MAY	14·3	14·1	14·1	14·0	13·8	13·8	13·7	14·7	16·5	18·6	20·1	20·8
JUN	13·6	13·1	13·0	12·8	12·5	12·7	12·5	13·1	15·5	17·9	20·1	21·4
JUL	14·1	13·8	13·5	13·1	13·1	12·8	12·9	13·4	15·3	17·3	19·0	19·9
AUG	14·4	14·4	14·0	13·6	13·3	12·7	12·4	14·1	15·8	17·9	19·4	19·9
SEP	13·6	13·4	13·2	13·3	13·5	13·3	13·6	15·6	17·6	18·7	19·4	19·7
OCT	15·6	15·3	15·0	14·7	14·6	14·6	15·7	17·4	18·4	19·3	19·6	20·2
NOV	16·8	16·5	16·4	15·9	15·9	16·4	18·3	20·1	21·3	21·9	22·3	22·6
DEC	18·1	17·8	17·5	17·3	17·1	17·7	19·3	21·0	22·2	22·8	23·1	23·1
J/Y	16·2	15·9	15·7	15·5	15·3	15·3	15·9	17·4	19·0	20·4	21·2	21·7

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	23·2	23·2	22·9	22·4	21·8	21·4	20·6	20·0	19·7	19·3	18·9	18·5	20·3
FEB	24·6	24·8	24·6	24·1	23·3	22·7	21·8	21·2	20·8	20·4	20·3	20·1	21·6
MAR	23·6	23·6	23·4	22·8	22·3	21·3	20·5	20·2	19·9	19·8	19·4	19·1	20·6
APR	22·2	22·4	22·0	21·2	20·2	19·3	18·5	18·0	17·7	17·5	17·1	16·9	18·7
MAY	21·2	21·2	21·0	19·9	18·6	17·2	16·2	15·8	15·3	15·0	14·7	14·5	16·6
JUN	22·0	21·9	21·7	20·9	18·8	16·9	16·1	15·8	15·2	15·1	14·6	14·3	16·3
JUL	20·0	20·1	19·8	19·2	17·8	16·3	15·4	15·0	15·0	14·7	14·6	14·4	15·9
AUG	20·4	20·3	20·0	19·3	18·5	16·7	15·2	14·9	14·9	14·6	14·8	14·4	16·1
SEP	19·9	19·8	19·7	18·9	18·3	17·1	16·2	15·6	15·2	14·8	14·6	14·2	16·2
OCT	20·1	19·8	19·5	19·0	18·6	17·8	17·1	16·9	16·5	16·2	16·0	15·8	17·2
NOV	22·7	22·4	22·1	21·5	20·7	19·9	19·2	18·7	18·4	18·1	17·7	17·4	19·3
DEC	23·2	22·7	22·6	22·2	21·8	21·3	20·4	19·9	19·4	19·0	18·7	18·4	20·3
J/Y	21·9	21·9	21·6	20·9	20·1	19·0	18·1	17·7	17·3	17·0	16·8	16·5	18·3

92/288 BEAUFORT WEST φ 32°18'S λ 22°14'E H 893M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	17·5	16·6	16·0	15·4	15·1	14·9	16·0	17·4	19·6	21·5	23·5	25·4
FEB	19·2	18·3	17·7	17·1	16·6	16·2	16·8	18·8	20·6	22·4	24·2	26·0
MAR	17·3	16·5	15·8	15·0	14·4	14·1	14·3	16·4	18·9	20·9	22·9	24·7
APR	14·5	14·1	13·4	12·8	12·5	12·2	12·2	13·7	15·9	18·0	19·6	21·0
MAY	9·9	9·5	9·1	8·7	8·7	8·6	8·4	9·4	11·5	12·8	13·8	14·9
JUN	10·3	10·0	9·3	9·4	9·3	8·6	8·2	8·8	12·3	15·0	16·8	18·1
JUL	10·2	9·7	9·3	8·9	8·4	8·0	7·6	8·4	11·0	13·3	15·0	16·2
AUG	9·6	9·1	8·4	8·1	7·7	7·3	7·0	8·4	11·8	14·0	15·6	17·0
SEP	11·5	11·3	10·9	10·0	9·1	8·6	8·8	11·3	14·7	17·5	19·7	21·2
OCT	12·7	11·9	11·3	10·7	10·1	9·8	11·0	13·2	15·0	16·9	18·6	20·2
NOV	15·4	14·7	13·9	13·2	12·7	12·8	14·4	16·4	18·7	20·7	22·8	24·7
DEC	16·8	16·1	15·5	15·0	14·7	15·0	16·5	18·4	20·1	21·9	23·9	25·6
J/Y	13·7	13·1	12·5	12·0	11·6	11·3	11·8	13·4	15·8	17·9	19·7	21·3

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	27·0	28·3	29·2	28·9	29·3	28·6	27·2	24·8	22·6	21·0	19·6	18·5	21·8
FEB	27·6	29·0	30·0	30·4	30·1	29·5	28·2	25·8	23·9	22·3	21·0	20·0	23·0
MAR	26·2	27·2	27·7	28·0	27·6	26·9	25·1	22·9	21·6	20·2	19·1	18·1	20·9
APR	22·3	22·9	23·2	23·3	22·9	21·6	19·8	18·1	17·1	16·6	15·7	15·2	17·4
MAY	15·8	16·5	16·8	16·7	16·0	14·5	13·5	12·6	11·8	11·2	10·7	10·3	12·2
JUN	19·0	19·5	19·8	19·5	18·5	15·8	13·8	12·7	12·0	11·3	11·3	10·9	13·3
JUL	17·2	18·0	18·5	18·4	17·8	15·8	14·0	12·5	11·8	11·1	11·0	10·7	12·6
AUG	18·0	18·8	19·3	19·2	18·6	16·9	14·8	13·5	12·1	11·2	10·4	9·9	12·8
SEP	22·4	23·3	23·8	23·9	23·4	22·0	19·5	17·6	16·0	14·6	13·5	12·9	16·1
OCT	21·6	22·8	23·4	23·5	22·6	21·4	19·6	17·7	15·3	15·0	14·1	13·2	16·4
NOV	26·4	27·4	28·0	28·2	27·9	26·8	25·0	22·6	20·4	18·8	17·8	16·7	20·3
DEC	27·0	28·0	28·6	29·0	28·8	28·2	26·9	24·5	22·6	20·6	19·3	18·0	21·7
J/Y	22·5	23·5	24·0	24·1	23·6	22·3	20·6	18·8	17·3	16·2	15·3	14·5	17·4

240/808 LOUIS BOTHA φ 29°58'S λ 30°57'E H 8M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	21·2	20·9	20·5	20·4	20·4	20·8	22·3	23·5	24·8	25·4	25·6	25·9
FEB	21·6	21·3	21·1	20·8	20·4	20·4	21·7	23·6	25·3	26·0	26·5	26·6
MAR	21·0	20·6	20·2	20·0	19·8	19·6	20·3	22·3	24·8	25·8	26·6	27·0
APR	19·8	19·6	19·4	19·1	18·7	18·4	18·7	20·9	23·7	24·9	25·6	26·1
MAY	15·1	15·1	14·8	14·5	14·3	14·2	14·4	16·8	20·3	22·5	23·3	23·4
JUN	12·1	11·4	10·9	10·4	9·9	9·6	9·2	11·6	16·8	20·8	22·5	22·8
JUL	13·9	13·2	12·8	12·3	11·9	11·9	11·7	13·5	17·6	20·6	22·1	22·8
AUG	13·4	13·1	12·7	12·1	12·0	11·7	11·9	14·5	18·9	21·2	22·4	22·8
SEP	15·5	15·1	14·6	14·3	14·3	14·2	15·2	17·8	20·4	21·8	22·3	22·6
OCT	18·4	18·1	17·9	17·7	17·6	17·6	18·8	20·3	21·8	22·3	22·7	23·0
NOV	18·8	18·5	18·3	18·2	18·3	19·0	20·3	21·5	22·8	23·4	23·6	23·6
DEC	20·6	20·3	20·1	19·9	19·8	20·2	21·4	22·6	24·1	24·7	25·2	25·4
J/Y	17·6	17·3	16·9	16·6	16·5	16·5	17·2	19·1	21·8	23·3	24·0	24·3

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	25·8	25·9	25·3	24·7	24·0	23·6	22·9	22·4	22·1	21·9	21·6	21·4	23·1
FEB	26·8	26·6	26·2	25·7	24·9	24·4	23·6	23·2	22·7	22·6	22·2	21·9	23·6
MAR	27·2	27·2	26·6	25·8	24·9	24·1	23·6	23·1	22·7	22·3	21·7	21·3	23·3
APR	26·1	26·0	25·3	24·5	23·5	22·5	21·9	21·7	21·3	20·9	20·2	19·7	22·0
MAY	23·5	23·4	23·1	22·3	21·0	19·4	18·3	17·6	16·9	16·3	15·9	15·6	18·4
JUN	22·9	22·8	22·4	21·6	20·3	17·5	15·9	14·8	13·8	13·2	12·9	12·3	15·8
JUL	22·7	22·5	22·0	21·1	19·8	18·4	17·4	16·8	16·0	15·2	14·7	14·2	16·0
AUG	22·6	22·4	22·0	21·0	19·9	18·5	17·5	16·5	15·9	15·1	14·7	14·1	17·0
SEP	22·7	22·4	21·9	21·2	20·4	19·3	18·6	17·8	17·4	16·8	16·5	16·2	18·3
OCT	23·0	22·7	22·2	21·4	20·6	20·1	19·8	19·5	19·1	18·8	18·6	18·4	20·0
NOV	23·6	23·3	23·1	22·4	21·8	21·3	20·8	20·5	20·1	19·9	19·5	19·3	20·9
DEC	25·5	25·1	24·5	24·1	23·4	22·9	22·4	22·0	21·7	21·5	21·2	20·9	22·5
J/Y	24·4	24·2	23·7	23·0	22·0	21·0	20·2	19·7	19·1	18·7	18·3	17·9	20·1

GEMIDDELDE UURLIKSE WAARDES VAN TEMPERATUUR °C / MEAN HOURLY VALUES OF TEMPERATURE °C

261/307 BLOEMFONTEIN φ 29°07' S λ 26°11' E H 1422M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	16·7	16·1	15·4	14·7	14·3	14·3	16·3	18·5	20·5	22·4	24·2	25·5
FEB	17·1	16·6	16·3	15·5	15·2	14·9	16·5	18·7	20·8	22·5	24·2	25·4
MAR	15·5	15·0	14·3	13·8	13·1	12·9	13·8	16·9	19·3	21·6	23·4	24·9
APR	12·3	12·0	11·3	10·9	10·4	10·2	10·2	13·4	16·5	18·6	20·4	22·0
MAY	5·6	5·3	5·1	5·1	5·0	4·5	4·4	6·5	9·5	11·6	13·4	14·6
JUN	3·8	3·1	2·7	2·2	2·0	1·7	1·5	3·0	7·7	11·4	14·1	15·6
JUL	5·9	5·4	5·1	4·8	4·3	4·2	3·7	4·7	8·6	11·1	13·4	14·5
AUG	4·9	4·4	3·7	2·9	2·6	2·3	2·1	5·3	10·2	13·3	15·5	17·0
SEP	10·1	9·7	8·6	7·9	7·9	7·1	7·9	11·9	15·7	18·5	20·4	22·0
OCT	13·2	12·6	12·1	11·7	11·1	11·1	13·4	16·1	18·6	20·6	22·3	23·7
NOV	15·2	14·8	14·0	13·8	13·4	14·0	16·0	17·9	20·1	22·1	23·9	25·0
DEC	16·1	15·6	15·2	14·8	14·4	15·0	17·1	19·0	20·7	22·4	23·8	24·7
J/Y	11·4	10·9	10·3	9·8	9·5	9·3	10·2	12·7	15·7	18·0	19·9	21·2

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	26·5	27·4	27·7	27·2	26·4	25·6	23·5	20·8	19·3	18·5	18·0	17·2	20·7
FEB	26·0	27·0	27·5	26·8	26·6	25·7	23·2	21·1	19·8	19·0	18·4	17·8	20·9
MAR	26·2	26·6	27·1	26·8	26·1	24·3	20·8	19·0	18·1	17·2	16·5	16·0	19·5
APR	23·2	23·6	23·5	23·1	21·8	19·4	16·2	14·9	13·9	13·4	13·1	12·4	16·1
MAY	15·6	16·4	16·4	15·9	14·8	11·5	9·5	8·3	7·6	7·2	6·7	6·0	9·4
JUN	17·0	17·5	17·7	17·2	15·7	11·2	8·6	7·5	6·7	6·0	5·3	4·7	8·5
JUL	15·8	16·4	16·6	16·3	15·1	12·3	9·9	8·6	8·0	7·4	6·9	6·5	9·4
AUG	18·0	18·5	18·7	18·4	17·4	14·1	10·2	8·8	7·9	7·2	6·5	5·8	9·8
SEP	23·1	23·9	24·1	24·0	23·2	20·8	16·7	14·8	13·7	13·0	12·2	11·3	15·4
OCT	24·5	25·1	25·3	24·9	23·7	22·2	19·1	17·3	16·1	15·1	14·5	13·6	17·8
NOV	25·6	26·4	26·6	26·5	25·8	24·1	21·8	19·5	18·1	17·4	16·8	16·3	19·8
DEC	25·2	25·8	25·6	25·6	25·3	24·3	22·1	19·5	18·3	17·7	17·0	16·5	20·1
J/Y	22·2	22·9	23·1	22·7	21·8	19·5	16·8	15·0	14·0	13·3	12·7	12·0	15·6

274/ 34 ALEXANDER BAY φ 28°34' S λ 16°32' E H 21M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	15·9	15·5	15·3	15·0	14·7	14·6	14·7	15·8	17·2	18·5	19·9	20·7
FEB	16·5	16·3	16·1	16·0	15·7	15·6	15·4	16·1	17·1	18·6	20·2	21·1
MAR	16·2	16·0	15·7	15·4	15·1	15·0	14·6	15·0	16·2	18·4	20·5	22·4
APR	14·1	13·7	13·5	13·2	13·1	13·0	12·8	12·8	14·2	16·4	18·2	20·1
MAY	13·2	12·8	12·5	12·5	12·4	12·3	12·0	12·1	12·8	14·3	15·9	17·5
JUN	13·1	13·0	12·7	12·6	12·7	12·2	12·2	12·2	13·0	14·7	16·7	18·4
JUL	11·4	11·0	10·8	10·6	10·4	10·3	10·2	10·2	11·9	14·1	16·1	18·2
AUG	12·3	11·8	11·5	11·4	11·1	11·0	10·9	11·1	13·0	15·1	17·2	19·2
SEP	12·5	12·1	11·8	11·5	11·4	11·5	11·3	12·1	14·0	16·4	19·0	20·3
OCT	13·1	12·8	12·5	12·5	12·3	12·0	12·2	13·5	15·3	16·9	18·4	19·4
NOV	14·2	13·9	13·7	13·5	13·4	13·3	13·6	14·9	16·5	18·2	19·4	20·2
DEC	15·4	15·1	14·8	14·5	14·4	14·2	14·5	15·8	17·1	18·3	19·5	20·2
J/Y	14·0	13·7	13·4	13·2	13·1	12·9	12·9	13·5	14·9	16·7	18·4	19·8

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	21·5	21·7	21·6	21·4	21·0	20·3	19·5	18·1	17·3	16·8	16·6	16·2	17·9
FEB	21·7	21·8	22·0	21·6	21·0	20·2	19·3	18·0	17·7	17·4	17·1	16·8	18·3
MAR	23·2	23·0	22·8	22·0	21·4	20·4	19·2	18·0	17·5	17·2	16·8	16·5	18·3
APR	20·4	20·6	20·3	19·8	19·2	17·9	16·7	16·0	15·6	15·3	14·8	14·3	16·1
MAY	18·2	18·8	18·8	18·4	17·8	16·5	15·4	14·8	14·5	14·2	13·9	13·5	14·8
JUN	20·0	21·0	20·1	19·5	18·7	17·0	15·5	15·0	14·5	14·1	13·6	13·4	15·2
JUL	19·7	20·4	20·0	19·5	18·5	16·8	15·2	14·3	13·5	12·8	12·4	11·9	14·2
AUG	20·1	20·9	20·5	20·1	19·6	18·2	16·4	15·5	14·7	14·2	13·5	13·0	15·1
SEP	20·8	21·1	20·8	20·5	19·4	17·7	16·0	14·9	14·2	13·5	13·0	12·6	15·3
OCT	19·8	20·2	19·7	19·4	18·2	17·1	16·1	15·1	14·8	14·4	14·0	13·5	15·5
NOV	20·7	20·9	20·9	20·3	19·4	18·6	17·6	16·5	16·1	15·6	15·2	14·7	16·7
DEC	20·8	21·0	20·7	20·6	20·1	19·3	18·4	17·4	16·8	16·4	16·1	15·8	17·4
J/Y	20·6	20·9	20·7	20·3	19·5	18·3	17·1	16·1	15·6	15·2	14·7	14·3	16·2

290/468 KIMBERLEY φ 28°48' S λ 24°46' E H 1197M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	19·1	18·3	17·7	17·1	16·5	16·2	18·1	20·6	22·5	24·3	26·3	27·7
FEB	19·6	19·1	18·6	18·1	17·7	17·4	18·2	20·4	22·7	24·5	26·2	27·6
MAR	18·2	17·4	16·6	16·0	15·7	15·3	15·3	18·4	21·3	23·7	26·0	27·5
APR	14·0	13·3	12·7	12·4	12·1	11·8	11·5	13·9	17·1	19·6	21·6	23·2
MAY	7·6	7·2	6·8	6·6	6·3	6·2	6·2	7·7	10·4	12·3	14·2	15·7
JUN	6·0	5·2	4·7	4·3	4·2	3·7	3·3	3·8	8·2	12·3	14·6	16·5
JUL	7·9	7·4	7·0	6·5	6·0	5·4	5·1	5·8	9·1	12·2	14·4	16·3
AUG	7·5	6·4	5·9	5·5	4·8	4·5	4·2	5·8	10·5	13·7	16·3	18·1
SEP	12·0	11·0	10·4	10·2	9·6	9·1	9·4	13·1	16·9	19·7	21·8	23·6
OCT	15·2	14·5	14·0	13·3	13·0	12·5	14·3	17·2	20·0	22·0	24·0	25·5
NOV	18·2	17·4	16·7	16·1	15·6	15·6	18·0	20·5	22·8	24·7	26·3	27·6
DEC	18·5	18·1	17·3	16·8	16·2	16·6	18·7	21·0	22·8	24·3	25·6	26·5
J/Y	13·7	12·9	12·4	11·9	11·5	11·2	11·9	14·0	17·0	19·4	21·4	23·0

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	28·9	29·3	29·5	28·9	28·7	27·6	26·5	24·0	22·6	21·5	20·5	19·7	23·0
FEB	28·7	29·4	29·8	29·5	28·6	27·4	25·2	23·0	22·1	21·4	21·0	20·3	23·2
MAR	28·7	29·2	29·4	28·7	28·0	26·8	24·2	21·9	20·7	19·8	19·2	18·6	21·9
APR	24·6	25·2	25·1	25·0	24·3	22·3	19·4	17·7	16·4	15·6	14·6	14·1	17·8
MAY	16·7	17·3	17·8	17·9	16·8	14·1	12·0	10·5	9·6	9·1	8·6	8·1	11·1
JUN	17·8	18·6	18·9	18·7	17·7	14·2	11·3	9·7	8·3	7·8	7·2	6·7	10·2
JUL	17·3	18·1	18·4	18·1	17·3	14·6	12·3	10·9	10·1	9·5	9·2	8·7	11·1
AUG	19·1	19·9	20·3	20·1	19·4	17·2	14·0	11·7	10·4	9·5	8·5	7·9	11·7
SEP	24·9	25·7	26·0	25·9	25·3	23·5	20·2	18·2	16·8	15·6	14·3	13·6	17·4
OCT	26·5	27·3	27·2	26·9	26·1	24·6	22·3	20·3	18·8	17·8	15·6	15·8	19·8
NOV	28·8	29·4	29·5	29·2	28·3	26·8	24·8	22·7	21·4	20·4	19·6	19·2	22·5
DEC	27·3	27·0	27·3	27·5	26·9	26·3	24·4	22·3	21·0	20·3	19·6	19·2	22·1
J/Y	24·1	24·7	24·9	24·7	23·9	22·1	19·7	17·7	16·5	15·7	14·9	14·3	17·6

GEMIDDELDE UURLIKSE WAARDES VAN TEMPERATUUR °C / MEAN HOURLY VALUES OF TEMPERATURE °C

517/476 UPINGTON ø 28°26' S λ 21°16' E H 814M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	22·2	21·4	20·6	19·7	19·0	18·3	19·5	21·6	24·3	26·6	28·7	30·5
FEB	24·6	23·8	22·7	21·9	21·3	20·5	20·3	22·5	24·5	26·8	29·1	30·9
MAR	21·1	20·4	19·9	19·2	18·5	17·8	17·3	19·8	22·8	25·2	27·5	29·1
APR	16·5	15·7	14·9	14·2	13·7	13·2	12·7	15·2	17·7	20·1	22·4	24·2
MAY	9·1	8·4	7·9	7·7	7·2	6·8	6·3	7·9	11·0	13·3	15·1	16·7
JUN	8·5	8·0	7·6	7·1	6·5	6·3	5·9	6·7	10·5	13·8	16·6	18·6
JUL	8·1	7·2	6·5	6·0	5·6	5·2	5·0	5·9	9·6	12·7	15·6	17·6
AUG	8·7	7·9	7·5	6·7	6·2	5·5	5·3	7·3	11·5	14·8	17·8	19·5
SEP	12·7	12·1	11·3	10·6	10·0	9·3	9·4	13·0	16·9	20·2	23·1	24·7
OCT	16·7	15·8	14·7	13·9	13·4	12·6	14·0	16·3	19·0	21·2	23·4	25·0
NOV	21·3	20·3	19·4	18·4	17·6	17·3	19·4	22·0	24·5	26·9	29·0	30·6
DEC	23·3	22·2	21·1	20·5	19·5	19·2	20·5	22·6	24·7	26·8	28·6	30·0
J/Y	16·1	15·3	14·5	13·8	13·2	12·7	13·0	15·1	18·1	20·7	23·1	24·8

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	31·7	32·9	33·4	33·7	33·7	33·0	32·0	30·1	28·4	26·8	25·2	23·6	26·5
FEB	32·8	33·6	34·1	34·2	34·2	33·1	32·0	29·8	28·3	27·1	25·9	25·1	27·5
MAR	30·5	31·6	32·1	32·4	32·2	31·5	29·6	27·1	25·7	24·3	23·1	21·9	25·0
APR	23·4	26·3	26·6	26·9	26·6	25·6	23·2	21·2	19·9	19·0	17·9	16·7	19·8
MAY	17·9	18·7	19·2	19·4	18·8	17·1	14·9	13·3	12·0	10·9	10·3	9·7	12·5
JUN	20·1	21·0	21·4	21·4	21·0	17·4	14·3	12·6	11·8	10·8	10·1	9·4	12·8
JUL	19·0	20·1	20·5	20·5	20·1	17·6	13·9	12·1	11·2	10·2	9·2	8·5	12·0
AUG	20·7	21·8	22·1	22·1	21·7	20·2	16·7	14·5	13·2	11·8	10·6	9·7	13·5
SEP	26·0	27·0	27·5	27·8	27·4	26·5	23·0	19·9	18·0	16·5	15·1	14·2	18·4
OCT	26·2	27·3	27·9	28·1	28·0	27·3	25·1	22·9	21·2	19·6	18·3	17·4	20·6
NOV	31·9	32·6	33·2	33·3	32·5	31·8	30·2	27·9	26·6	25·3	24·0	22·9	25·8
DEC	31·3	32·4	33·1	33·4	33·3	33·0	32·0	30·0	28·4	26·7	25·4	24·3	26·8
J/Y	26·1	27·1	27·6	27·8	27·5	26·2	23·9	21·8	20·4	19·1	17·9	16·9	20·1

419/184 KEETMANSHOOP ø 26°34' S λ 18°07' E H 1066M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	21·7	20·7	19·7	19·0	18·3	17·7	18·0	20·1	22·8	25·3	27·5	29·3
FEB	24·2	23·0	22·0	21·3	20·6	19·9	19·5	21·6	24·0	26·5	28·7	30·6
MAR	21·6	20·6	19·8	19·1	18·4	17·9	17·3	18·8	21·5	24·0	26·5	28·5
APR	17·8	17·1	16·4	15·7	15·3	14·7	14·3	15·0	17·9	20·2	22·4	24·2
MAY	10·2	9·4	8·9	8·4	7·9	7·3	7·3	7·5	10·7	13·4	15·5	17·3
JUN	11·7	11·1	10·6	10·1	9·3	8·9	8·5	8·6	11·6	14·6	16·9	18·6
JUL	10·6	10·2	9·6	8·9	8·2	7·8	7·1	6·9	10·1	13·4	16·0	17·9
AUG	11·6	11·0	10·4	9·7	9·0	8·7	8·1	8·4	12·2	15·0	17·3	18·9
SEP	16·4	15·3	14·6	15·9	13·3	12·6	12·3	13·9	17·7	20·7	22·7	24·5
OCT	16·7	15·7	15·0	14·0	13·4	12·6	12·7	15·1	18·2	20·4	22·6	24·7
NOV	20·6	19·4	18·4	17·5	16·8	16·3	17·2	19·5	22·8	25·2	27·3	29·2
DEC	22·1	20·8	19·9	19·0	18·4	17·9	18·5	20·6	23·1	25·2	27·8	29·5
J/Y	17·1	16·2	15·4	14·7	14·1	13·5	13·4	14·7	17·7	20·3	22·6	24·4

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	30·9	32·2	32·9	33·1	32·5	31·7	31·0	29·5	27·7	26·0	24·7	23·1	25·6
FEB	32·1	33·1	33·6	33·8	33·2	32·4	31·6	30·3	29·0	27·6	26·5	25·4	27·1
MAR	29·9	31·1	31·9	32·1	31·9	31·2	29·8	28·0	26·5	24·9	23·7	22·5	24·9
APR	25·6	26·9	27·6	27·8	27·4	26·7	24·8	23·0	21·5	20·3	19·2	18·9	20·9
MAY	18·7	19·8	20·6	20·7	20·4	19·2	16·9	15·2	13·8	12·8	11·7	10·9	13·5
JUN	19·8	21·0	21·5	21·7	21·2	19·9	17·2	15·7	14·4	13·7	13·1	12·5	14·7
JUL	19·1	20·3	20·7	20·9	20·6	19·6	16·9	15·1	13·8	12·7	12·2	11·3	13·8
AUG	20·1	21·5	22·0	22·2	21·9	20·9	18·6	16·6	15·4	14·3	13·3	12·5	15·0
SEP	26·0	27·2	27·8	28·0	27·8	27·1	25·1	22·6	21·1	19·7	18·4	17·5	20·3
OCT	26·4	27·8	28·0	28·0	28·3	27·6	26·1	23·8	22·2	20·6	19·1	17·8	20·7
NOV	30·6	31·8	32·4	32·3	31·7	31·2	30·2	28·4	26·5	25·0	23·5	22·1	24·8
DEC	31·2	32·5	33·0	33·0	33·2	32·9	32·1	30·4	28·6	26·8	25·3	23·6	26·1
J/Y	25·9	27·1	27·7	27·8	27·6	26·7	25·0	23·2	21·7	20·4	19·3	18·2	20·6

476/398 JAN SMUTS ø 26°08' S λ 28°14' E H 1694M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	15·7	15·4	15·3	14·9	14·4	14·3	15·4	16·6	18·0	19·5	20·9	21·7
FEB	16·2	15·9	15·4	15·0	14·6	14·3	15·0	16·7	19·0	20·5	21·5	22·7
MAR	15·3	15·0	14·3	14·0	13·6	13·5	13·8	15·5	18·0	19·8	21·1	22·2
APR	13·6	13·0	12·7	12·4	12·0	11·6	11·7	13·3	15·7	17·5	19·0	20·2
MAY	8·7	8·4	8·0	7·6	7·3	7·1	7·0	8·5	11·2	13·2	14·7	15·7
JUN	9·2	8·7	8·1	7·8	7·3	7·2	6·8	8·1	11·6	13·7	15·3	16·5
JUL	7·4	6·9	6·5	6·4	6·2	6·1	6·0	6·8	10·0	11·8	13·4	14·4
AUG	8·6	7·8	7·3	6·7	6·3	5·9	5·5	7·5	11·0	13·0	14·9	16·1
SEP	11·4	10·6	9·9	9·5	9·3	8·9	9·2	11·7	14·8	16·8	18·5	19·8
OCT	13·8	13·1	12·6	11·9	11·6	11·3	12·5	14·8	17·4	19·2	20·6	21·7
NOV	14·5	13·9	13·5	13·3	12·9	12·9	13·9	15·5	17·6	19·0	20·3	21·3
DEC	15·6	15·1	14·8	14·5	14·2	14·2	15·2	16·5	18·3	19·4	20·4	21·4
J/Y	12·5	12·0	11·5	11·2	10·8	10·6	11·0	12·6	15·2	16·9	18·4	19·5

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	22·5	23·4	22·9	22·3	22·3	21·4	19·8	18·5	17·9	17·4	16·9	16·2	18·5
FEB	23·1	23·7	23·7	23·0	22·9	22·4	20·8	19·3	18·6	17·8	17·3	16·8	19·0
MAR	22·9	23·4	23·7	23·9	23·3	21·8	19·9	18·6	17·8	17·2	16·5	15·8	18·4
APR	20·9	21·6	21·8	21·3	20·4	18·9	17·4	16·2	15·6	14·9	14·2	13·8	16·2
MAY	16·4	17·0	17·2	16·9	15·7	13·2	11·9	11·2	10·5	10·0	9·6	9·2	11·5
JUN	17·1	17·6	17·6	17·4	16·0	13·5	12·3	11·3	10·7	10·4	9·9	9·3	11·8
JUL	15·1	15·7	15·8	15·5	14·7	12·6	11·3	10·1	9·5	8·9	8·3	8·0	10·3
AUG	17·0	17·8	18·1	17·9	17·3	14·9	13·2	12·1	11·4	10·5	9·8	9·1	11·7
SEP	20·7	21·4	21·6	21·4	20·7	18·9	17·0	15·9	15·2	14·3	13·5	12·8	15·2
OCT	22·7	23·5	23·8	23·4	22·1	20·7	19·0	17·5	16·5	15·9	15·3	14·6	17·3
NOV	22·2	23·0	22·9	22·2	21·2	20·2	18·7	17·5	16·8	16·3	15·7	15·0	17·5
DEC	22·0	22·5	22·1	22·1	21·8	21·4	20·3	19·0	18·3	17·5	16·8	16·1	18·3
J/Y	20·2	20·9	20·9	20·6	19·9	18·3	16·8	15·6	14·9	14·3	13·7	13·1	15·5

GEMIDDELDE UURLIKSE WAARDES VAN TEMPERATUUR °C / MEAN HOURLY VALUES OF TEMPERATURE °C

508/232 MAFEKING ø 25°52' S λ 25°38' E H 1277M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	18·5	17·9	17·3	17·2	16·9	16·7	18·4	21·0	22·9	24·6	25·7	26·6
FEB	19·2	18·5	18·0	17·6	17·2	17·0	17·9	20·1	22·4	23·9	25·3	26·5
MAR	17·8	17·4	16·8	16·5	16·1	15·8	16·2	18·7	21·6	23·4	25·1	26·1
APR	15·7	15·1	14·8	14·3	14·0	13·7	13·6	15·6	20·1	22·1	23·2	24·4
MAY	8·8	8·5	8·1	7·8	7·5	7·3	7·1	9·5	13·7	16·4	17·9	19·0
JUN	7·5	7·3	6·9	6·4	6·2	6·3	6·1	8·3	13·8	17·2	18·8	19·9
JUL	7·8	7·3	7·2	6·8	6·7	6·3	6·0	7·8	12·7	15·5	17·0	18·0
AUG	7·2	6·7	6·6	6·3	6·0	5·4	5·0	8·6	14·1	17·0	18·9	20·0
SEP	12·5	12·0	11·4	10·9	10·8	10·4	11·2	15·4	18·7	21·5	23·2	24·4
OCT	16·5	16·2	15·7	15·2	15·0	14·8	16·5	19·7	22·1	24·0	26·0	27·3
NOV	18·7	18·0	17·4	16·9	16·5	16·7	18·9	21·3	23·9	25·4	26·4	27·6
DEC	18·8	18·3	17·9	17·5	17·3	17·8	19·4	21·2	22·9	24·3	25·4	26·5
J/Y	14·1	13·6	13·2	12·8	12·5	12·3	13·0	15·7	19·1	21·3	22·7	23·9

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	27·7	28·3	28·5	28·3	28·2	26·8	25·2	23·5	22·1	20·8	20·0	19·0	22·6
FEB	27·2	28·1	28·5	28·2	28·0	27·0	24·9	23·3	22·2	21·2	20·6	20·1	22·6
MAR	27·2	27·8	27·9	27·9	27·4	26·2	24·0	22·2	20·8	19·6	18·7	18·0	21·6
APR	25·4	26·2	26·4	26·2	25·3	23·5	21·2	19·3	18·1	17·1	16·3	15·8	19·5
MAY	19·6	20·2	20·5	20·3	19·4	16·5	14·5	12·8	11·6	10·6	9·8	9·2	13·2
JUN	20·4	20·9	20·8	20·5	19·3	16·0	13·1	11·1	9·9	9·0	8·1	7·8	12·6
JUL	18·6	19·0	19·0	18·6	17·7	15·4	13·0	11·1	10·1	9·3	8·8	8·3	12·0
AUG	20·7	21·4	21·5	21·4	20·6	18·3	15·0	12·4	10·8	9·5	8·5	7·9	12·9
SEP	25·4	26·0	26·0	25·9	25·2	23·5	20·7	18·5	16·8	15·6	14·5	13·7	18·1
OCT	28·1	28·7	28·5	28·3	27·6	26·2	23·8	21·9	20·1	19·1	18·1	17·1	21·5
NOV	28·5	29·0	28·8	28·3	27·8	26·4	24·7	23·3	22·0	21·2	20·5	19·6	22·8
DEC	27·4	28·0	28·0	27·5	26·8	25·8	24·5	22·8	21·6	20·7	20·0	19·3	22·5
J/Y	24·7	25·3	25·4	25·1	24·4	22·6	20·4	18·5	17·2	16·1	15·3	14·7	18·5

513/405A PRETORIA ø 25°45' S λ 28°14' E H 1369M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	16·8	16·5	16·1	15·7	15·5	15·5	17·2	19·3	21·0	22·4	23·5	24·4
FEB	17·4	16·9	16·4	16·0	15·8	15·5	16·7	19·2	21·1	22·6	24·0	25·1
MAR	16·4	15·8	15·5	15·1	14·8	14·5	15·1	18·4	20·1	21·8	23·1	24·2
APR	14·3	13·7	13·4	12·9	12·8	12·5	12·6	15·8	18·1	19·9	21·4	22·6
MAY	8·1	7·6	7·3	6·8	6·7	6·3	6·0	9·0	12·9	15·5	17·3	18·6
JUN	7·1	6·4	5·9	5·5	5·1	5·0	4·8	6·7	11·7	15·3	17·6	19·0
JUL	7·0	6·6	6·2	5·8	5·5	5·3	5·2	7·4	11·3	14·1	16·0	17·4
AUG	7·8	7·1	6·5	6·1	5·6	4·9	4·7	8·8	13·1	15·8	17·6	18·8
SEP	11·9	11·3	10·6	9·8	9·4	8·8	9·9	14·3	17·0	19·1	20·9	22·2
OCT	16·3	15·5	14·9	14·2	13·7	13·5	15·7	18·4	20·7	22·1	23·3	24·6
NOV	16·4	15·9	15·4	15·1	14·8	15·2	17·3	19·0	20·8	22·1	23·2	24·4
DEC	17·7	17·3	17·0	16·7	16·4	16·7	18·4	20·1	21·5	22·4	23·6	24·4
J/Y	13·1	12·5	12·1	11·6	11·3	11·1	11·9	14·7	17·4	19·4	21·0	22·1

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	25·2	25·5	26·0	25·6	25·2	24·0	22·6	20·9	19·5	18·8	18·1	17·5	20·5
FEB	25·9	26·3	26·4	25·8	25·3	24·2	22·5	20·9	19·8	19·1	18·6	18·0	20·8
MAR	25·0	25·8	26·3	26·3	25·6	24·4	21·8	20·1	18·9	18·1	17·4	16·8	20·1
APR	23·7	24·4	24·5	24·4	23·6	21·3	19·3	17·8	16·7	15·6	15·1	14·7	18·0
MAY	19·4	20·0	20·3	20·0	18·7	15·4	13·0	11·6	10·8	9·9	9·2	8·7	12·5
JUN	20·0	20·7	20·7	20·3	18·5	14·4	11·8	10·4	9·8	9·1	8·2	7·7	11·7
JUL	18·2	18·7	18·8	18·5	17·3	14·3	11·8	10·4	9·7	9·1	8·4	7·8	11·3
AUG	19·7	20·5	20·8	20·7	19·8	17·1	13·8	12·0	10·8	10·1	9·4	8·5	12·5
SEP	23·4	24·1	24·4	24·1	23·1	20·9	18·3	16·8	15·4	14·6	13·8	13·1	16·5
OCT	25·4	26·3	26·8	26·6	25·8	24·0	21·7	19·9	18·8	18·0	17·3	16·7	20·0
NOV	25·1	25·6	25·9	26·1	25·2	23·6	21·3	19·5	18·7	18·0	17·6	16·9	20·1
DEC	25·0	25·4	25·9	25·1	25·0	24·2	22·7	21·2	20·3	19·5	18·8	18·1	21·0
J/Y	23·0	23·6	23·9	23·6	22·7	20·7	18·4	16·8	15·8	15·0	14·3	13·7	17·1

513/605 ROODEPLAAT ø 25°35' S λ 28°21' E H 1164M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	17·8	17·5	17·0	16·8	16·6	16·5	18·8	21·1	22·5	24·0	25·4	26·1
FEB	18·1	17·6	17·0	16·8	16·5	16·2	18·2	20·8	22·8	24·3	25·6	26·8
MAR	16·8	16·6	16·0	15·4	14·8	14·5	15·9	19·3	21·6	23·4	24·8	26·0
APR	14·6	14·1	13·9	13·2	12·7	12·5	13·1	16·7	19·8	21·9	23·4	24·7
MAY	8·1	7·7	7·4	6·7	6·5	6·1	6·4	9·9	14·1	17·0	18·9	20·1
JUN	7·0	6·5	5·8	5·8	6·0	5·8	5·6	8·3	12·7	16·6	19·0	20·4
JUL	7·2	6·8	6·4	6·4	6·2	5·9	5·8	8·1	12·2	15·6	17·4	18·4
AUG	7·5	6·9	6·6	5·5	5·1	4·9	5·2	9·6	14·1	17·0	18·9	20·3
SEP	12·2	11·5	10·7	10·2	9·3	9·1	10·7	14·9	18·0	20·2	22·1	23·5
OCT	17·2	16·4	15·6	14·9	14·4	14·2	16·7	19·8	21·7	23·3	24·6	25·9
NOV	17·1	16·6	16·2	15·8	15·7	16·2	18·2	20·1	21·5	22·7	24·1	25·2
DEC	18·5	18·2	17·8	17·5	17·1	17·7	19·6	20·9	22·3	23·4	24·3	25·1
J/Y	13·5	13·0	12·5	12·1	11·7	11·6	12·9	15·8	18·6	20·8	22·4	23·5

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	26·8	27·6	27·5	27·3	27·1	26·1	23·6	21·7	20·5	19·6	18·8	18·1	21·9
FEB	27·6	28·0	27·9	27·4	27·3	26·1	23·5	21·7	20·5	19·6	19·1	18·6	22·0
MAR	26·9	27·9	28·3	28·4	27·5	26·0	22·9	20·6	19·3	18·6	17·9	17·3	21·1
APR	25·7	26·6	27·0	26·8	26·0	23·2	20·2	18·5	16·9	15·9	15·4	14·9	19·1
MAY	21·4	21·8	22·3	22·0	20·9	17·2	13·4	11·4	10·7	9·8	9·1	8·6	13·2
JUN	21·4	22·0	22·2	22·0	20·6	16·4	11·9	9·9	9·0	8·5	7·9	7·5	12·5
JUL	19·4	20·0	20·3	20·1	19·0	16·0	12·4	10·2	9·4	8·8	8·2	7·4	2·0
AUG	21·4	22·1	22·5	22·4	21·6	18·5	14·3	11·4	9·8	8·9	8·5	8·0	[illegible]
SEP	24·8	25·5	25·9	25·9	25·0	22·8	19·7	17·1	15·6	14·7	13·9	13·2	17·4
OCT	27·0	27·9	28·4	28·3	27·5	25·3	23·0	21·2	21·0	19·2	18·2	17·6	21·2
NOV	26·0	26·7	26·6	26·7	26·3	24·8	22·3	20·3	19·6	19·0	18·4	17·9	21·0
DEC	25·9	26·5	26·6	26·1	25·9	25·0	23·4	21·9	20·9	20·0	19·4	19·0	21·8
J/Y	24·5	25·2	25·5	25·3	24·7	22·3	19·2	17·2	16·1	15·2	14·6	14·0	18·0

GEMIDDELDE UURLIKSE WAARDES VAN TEMPERATUUR °C / MEAN HOURLY VALUES OF TEMPERATURE °C

677/802 PIETERSBURG ø 23°52' S λ 29°27' E H 1230M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	18·0	17·7	17·4	17·1	16·9	17·0	18·0	19·6	21·2	22·5	23·6	24·3
FEB	17·4	16·9	16·5	16·3	16·0	15·9	16·7	18·3	20·4	21·9	23·1	24·3
MAR	16·2	15·6	15·3	14·9	14·7	14·5	15·2	17·3	19·8	21·4	23·0	24·0
APR	14·4	14·1	13·5	13·0	12·6	12·4	12·8	15·5	18·8	21·0	22·6	23·8
MAY	9·4	9·1	8·5	8·1	7·7	7·3	7·4	10·5	15·3	18·1	20·0	21·4
JUN	7·8	7·5	7·2	6·9	6·5	6·2	6·2	8·3	12·8	16·4	18·5	19·9
JUL	8·9	8·3	7·9	7·5	7·2	7·0	6·7	8·5	12·2	15·0	16·8	18·0
AUG	8·7	8·3	7·7	7·4	7·0	6·6	6·5	9·5	13·8	16·7	18·5	19·9
SEP	11·2	10·5	10·2	9·8	9·3	8·9	9·8	13·0	16·4	18·7	20·8	22·2
OCT	16·3	15·9	15·6	14·8	14·6	14·4	15·9	18·4	20·5	22·5	23·9	25·1
NOV	17·1	16·5	16·1	15·7	15·4	15·7	16·9	18·5	20·3	21·7	22·7	23·9
DEC	17·8	17·5	17·1	16·8	16·5	16·7	17·9	19·2	20·8	21·8	22·7	23·6
J/Y	13·6	13·2	12·7	12·4	12·0	11·9	12·5	14·7	17·7	19·8	21·3	22·5

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	25·1	25·5	25·4	25·5	25·0	24·0	22·4	21·0	20·1	19·4	18·9	18·5	21·0
FEB	24·9	25·6	25·6	25·4	24·6	23·5	21·6	20·2	19·3	18·8	18·3	17·8	20·4
MAR	24·9	25·6	25·8	25·5	24·8	23·2	20·8	19·3	18·3	17·9	17·2	16·6	19·7
APR	24·7	24·9	25·4	24·9	23·8	21·5	19·6	18·2	17·1	16·3	15·7	14·8	18·4
MAY	22·3	22·8	23·0	22·8	21·6	17·9	15·3	14·0	12·7	11·8	10·7	9·9	14·5
JUN	20·7	21·3	21·3	20·9	19·5	15·5	13·7	12·3	11·1	10·1	9·1	8·1	12·8
JUL	18·8	19·4	19·5	19·1	18·1	15·2	13·6	12·4	11·5	10·6	10·1	9·3	12·6
AUG	20·8	21·6	21·8	21·6	20·7	17·8	15·1	13·1	12·1	11·3	10·1	9·2	13·6
SEP	23·2	24·0	24·4	24·1	23·1	21·0	18·5	16·7	15·3	14·2	13·3	12·4	16·3
OCT	26·1	26·5	26·6	26·1	25·3	23·8	21·6	20·5	19·7	18·7	18·1	17·1	20·3
NOV	24·6	25·2	25·2	24·7	24·0	22·7	21·2	20·1	19·1	18·3	17·6	17·2	20·0
DEC	24·3	24·5	24·6	24·6	24·1	23·1	21·7	20·4	19·6	19·0	18·5	18·0	20·4
J/Y	23·4	23·9	24·1	23·8	22·9	20·8	18·8	17·3	16·3	15·5	14·8	14·1	17·5

740/154 WINDHOEK ø 22°34' S λ 17°06' E H 1728M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	20·0	19·4	18·8	18·1	17·5	17·1	17·4	19·5	22·2	24·2	25·9	27·5
FEB	18·6	18·2	17·8	17·4	17·1	16·7	16·7	18·1	20·8	22·5	24·3	25·6
MAR	19·4	18·9	18·7	18·1	17·7	17·4	17·0	18·0	21·1	23·0	24·8	26·1
APR	17·1	16·4	16·1	15·7	15·0	14·5	14·3	15·3	18·7	20·5	22·5	23·9
MAY	10·4	9·8	9·2	8·8	8·4	7·9	7·6	8·5	12·2	15·0	17·2	18·9
JUN	11·4	11·0	10·4	10·2	9·8	9·1	8·8	9·0	12·2	15·3	17·2	18·6
JUL	9·8	9·3	8·9	8·4	7·9	7·5	7·0	7·1	10·8	13·7	15·8	17·2
AUG	12·0	11·1	10·6	9·9	9·0	8·6	8·3	9·0	12·6	15·0	17·2	18·8
SEP	16·3	15·4	14·7	14·2	13·6	13·0	12·6	14·5	18·3	20·3	22·6	24·2
OCT	18·3	17·5	16·8	16·3	15·8	15·3	15·5	18·3	21·3	23·3	25·4	27·0
NOV	19·8	19·4	18·6	18·2	17·9	17·4	18·2	20·6	22·9	24·8	26·6	27·8
DEC	20·0	19·5	18·9	18·4	17·9	17·4	18·5	20·9	23·5	25·4	27·2	28·5
J/Y	16·1	15·5	15·0	14·5	14·0	13·5	13·5	14·9	18·0	20·3	22·2	23·7

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	28·6	28·7	29·0	29·2	28·8	27·8	26·4	24·6	23·5	22·2	21·4	20·5	23·5
FEB	26·3	26·8	26·8	25·5	24·8	24·2	23·4	22·1	21·0	20·1	19·6	19·1	21·4
MAR	27·1	27·6	27·9	27·8	27·2	26·5	25·3	23·7	22·5	21·5	21·0	20·2	22·4
APR	25·0	25·7	26·0	26·0	25·3	24·1	22·2	20·6	19·7	18·8	18·2	17·6	20·0
MAY	20·2	21·1	21·4	21·4	20·9	19·5	17·3	15·6	14·2	13·0	11·9	11·0	14·2
JUN	19·7	20·3	20·5	20·5	20·0	18·8	16·9	15·3	14·2	13·5	12·6	11·9	14·5
JUL	18·2	19·3	19·6	19·7	19·4	18·1	16·0	14·2	13·0	11·7	11·1	10·3	13·1
AUG	19·8	20·8	21·3	21·5	21·0	19·9	18·0	16·4	15·3	14·5	13·5	12·6	14·9
SEP	25·4	26·1	26·4	26·2	26·0	24·7	22·8	21·1	19·8	18·7	18·1	17·2	19·7
OCT	28·0	28·5	28·6	28·5	28·1	26·9	25·3	23·4	22·0	20·8	19·9	19·0	22·1
NOV	28·6	28·8	29·3	29·2	28·8	28·0	26·0	24·2	23·0	22·1	21·4	20·7	23·4
DEC	29·4	30·0	30·1	30·2	29·7	29·0	27·7	25·4	24·1	23·0	21·9	21·0	24·1
J/Y	24·7	25·3	25·6	25·5	25·0	24·0	22·3	20·5	19·4	18·3	17·5	16·8	19·5

1020/749 MAUN ø 19°59' S λ 23°25' E H 945M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	20·4	20·1	19·8	19·4	19·2	18·9	19·7	21·6	23·9	25·4	26·6	27·6
FEB	20·1	19·7	19·2	18·9	18·5	18·0	18·5	21·8	24·5	26·5	27·6	28·8
MAR	19·9	19·3	18·8	18·5	18·2	17·8	17·9	20·5	23·6	26·0	27·9	28·9
APR	19·1	18·6	17·7	17·1	16·5	16·0	16·0	18·9	23·1	26·0	28·4	29·7
MAY	12·2	11·2	10·6	10·1	9·6	9·2	8·9	13·1	18·8	22·6	25·1	26·8
JUN	12·0	11·8	11·1	10·3	9·8	9·0	8·7	10·6	16·3	20·4	23·1	25·0
JUL	12·7	12·3	12·1	11·3	10·8	10·9	10·6	11·7	15·9	19·3	21·6	23·1
AUG	13·8	13·0	12·3	11·5	10·4	9·7	9·2	12·1	17·4	20·8	22·9	24·4
SEP	17·4	16·5	15·7	15·2	14·7	14·0	13·8	17·5	21·9	24·7	26·9	28·5
OCT	22·6	21·6	21·0	20·5	20·1	19·4	20·6	24·0	27·6	29·8	31·9	33·4
NOV	23·3	22·3	21·8	21·4	20·9	20·5	22·3	25·1	27·8	29·9	31·5	32·8
DEC	22·9	22·5	22·0	21·5	21·1	21·0	22·0	23·6	25·4	27·1	28·6	29·2
J/Y	18·0	17·4	16·8	16·3	15·8	15·4	15·7	18·4	22·2	24·9	26·8	28·2

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	28·4	28·6	28·4	28·4	28·0	27·3	26·2	24·1	22·7	21·8	21·2	21·0	23·7
FEB	29·8	30·7	31·0	30·9	30·8	30·0	27·9	25·3	23·5	22·1	21·2	20·7	24·4
MAR	29·8	30·2	30·5	30·1	29·3	27·8	25·8	23·9	22·9	22·0	21·2	20·4	23·8
APR	30·1	30·8	31·1	30·8	30·3	28·1	25·2	22·9	21·8	20·8	20·1	19·4	23·3
MAY	27·9	28·6	28·9	28·8	27·9	25·2	19·9	17·0	15·5	14·2	13·5	13·1	18·8
JUN	25·9	26·5	26·7	26·5	25·5	22·8	18·7	16·6	15·5	14·4	13·3	12·6	17·2
JUL	24·2	24·9	25·1	25·0	24·5	22·9	19·3	16·8	15·6	15·0	14·4	13·5	17·2
AUG	25·7	26·5	26·9	26·9	26·4	24·8	21·4	18·4	17·1	15·9	15·3	14·4	18·2
SEP	29·6	30·4	30·9	30·8	30·4	29·0	26·1	23·7	22·2	20·8	20·1	18·9	22·5
OCT	34·5	35·2	35·4	35·4	35·1	33·8	31·1	28·4	27·0	25·8	24·9	23·5	27·6
NOV	33·3	33·9	33·9	33·4	33·2	32·3	30·4	28·3	26·6	25·5	24·7	23·8	27·5
DEC	30·5	30·8	30·4	30·1	29·4	28·7	27·6	26·1	25·1	24·2	23·5	23·0	25·7
J/Y	29·1	29·8	29·9	29·8	29·2	27·7	25·0	22·6	21·3	20·2	19·5	18·7	22·4

GEMIDDELDE UURLIKSE WAARDES VAN TEMPERATUUR °C / MEAN HOURLY VALUES OF TEMPERATURE °C

0/543 TRISTAN DA CUNHA ø 37°03' S λ 12°19' W H 23M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	17·2	17·0	16·9	16·8	16·6	16·4	16·4	16·5	16·6	17·0	18·0	18·8
FEB	17·8	17·6	17·6	17·3	17·2	17·3	17·3	17·3	17·0	17·4	18·4	19·3
MAR	16·9	16·7	16·6	16·6	16·5	16·4	16·2	16·0	16·0	16·4	17·2	18·0
APR	14·6	14·4	14·4	14·5	14·3	14·2	14·1	14·1	14·2	14·2	15·0	15·8
MAY	12·9	12·7	12·6	12·6	12·6	12·5	12·5	12·3	12·4	12·2	12·8	13·8
JUN	12·5	12·5	12·5	12·5	12·5	12·6	12·4	12·4	12·5	12·5	12·7	13·3
JUL	11·6	11·6	11·6	11·5	11·6	11·4	11·4	11·4	11·3	11·2	11·2	11·8
AUG	11·8	11·8	11·8	11·7	11·8	11·6	11·7	11·6	11·6	11·6	11·7	12·1
SEP	11·4	11·2	11·1	10·8	10·8	10·7	10·7	10·5	10·5	10·7	11·5	12·1
OCT	12·6	12·4	12·3	12·2	12·0	11·9	11·9	11·8	11·7	12·0	13·0	13·5
NOV	13·6	13·4	13·4	13·1	13·0	13·0	12·8	12·7	12·8	13·0	13·8	14·2
DEC	15·7	15·6	15·4	15·2	15·1	15·1	15·0	15·0	15·2	15·4	16·5	16·9
J/Y	14·1	13·9	13·9	13·7	13·7	13·6	13·5	13·5	13·4	13·6	14·3	15·0

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	19·3	19·8	19·9	19·9	19·9	19·7	19·5	19·3	18·9	18·3	17·9	17·6	18·1
FEB	20·1	20·9	21·0	21·0	21·1	20·8	20·5	20·1	19·2	18·6	18·3	18·1	18·8
MAR	18·8	19·5	20·1	19·9	19·8	19·5	19·0	18·3	17·6	17·3	17·3	17·1	17·7
APR	16·4	16·9	16·8	16·8	16·8	16·5	16·1	15·4	14·9	14·9	14·8	14·5	15·2
MAY	14·4	15·0	15·4	15·3	15·2	14·8	14·2	13·4	13·2	13·2	13·1	12·9	13·4
JUN	13·5	14·1	14·4	14·4	14·3	14·2	13·8	13·1	13·1	12·8	12·9	12·9	13·1
JUL	12·3	12·9	13·0	13·3	13·3	13·1	12·8	12·2	12·0	11·9	11·8	11·7	12·0
AUG	12·9	13·3	13·3	13·6	13·6	13·5	13·0	12·6	12·5	12·4	12·2	11·9	12·3
SEP	12·9	13·7	13·6	13·5	13·6	13·0	12·6	12·1	11·7	11·6	11·6	11·4	11·8
OCT	14·0	14·6	14·5	14·7	14·9	14·5	14·2	13·7	13·3	13·1	13·0	12·8	13·1
NOV	14·8	15·4	15·6	16·0	16·0	15·9	15·6	15·0	14·4	14·0	13·8	13·6	14·1
DEC	17·3	17·9	18·3	18·4	18·6	18·2	17·9	17·6	17·1	16·5	16·2	16·1	16·5
J/Y	15·5	16·2	16·3	16·4	16·4	16·1	15·8	15·2	14·8	14·5	14·4	14·2	14·7

0/653 MARION ø 46°53' S λ 37°52' E H 23M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	5·8	5·7	5·5	5·4	5·6	5·8	6·1	6·4	7·3	7·6	7·8	8·0
FEB	6·1	6·1	5·8	5·7	5·9	6·2	6·6	7·1	7·7	7·7	8·0	8·0
MAR	6·6	6·5	6·4	6·4	6·4	6·3	6·8	7·5	8·4	8·6	9·0	9·1
APR	5·5	5·4	5·3	5·2	5·3	5·2	5·3	5·8	6·6	6·9	7·2	7·2
MAY	5·0	5·0	4·9	4·9	4·9	4·8	4·9	5·1	5·7	5·8	6·1	6·3
JUN	4·3	4·3	4·1	4·1	4·1	4·1	4·2	4·2	4·7	4·9	4·9	4·9
JUL	3·9	3·7	3·7	3·8	3·9	3·9	3·8	3·8	4·5	4·6	4·7	4·8
AUG	2·8	2·7	2·6	2·4	2·4	2·1	2·1	2·3	3·4	3·5	3·7	3·9
SEP	2·7	2·7	2·5	2·6	2·4	2·4	2·5	2·9	3·4	3·5	3·7	4·1
OCT	3·7	3·5	3·4	3·3	3·2	3·4	4·1	4·6	5·8	5·8	6·0	6·2
NOV	3·7	3·5	3·5	3·3	3·5	3·9	4·1	4·5	5·7	5·9	5·9	6·2
DEC	4·0	3·9	3·8	3·8	3·9	4·2	4·5	4·8	5·8	6·1	6·3	6·4
J/Y	4·5	4·4	4·3	4·2	4·3	4·4	4·6	4·9	5·7	5·9	6·1	6·3

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	7·9	7·9	7·8	7·7	7·4	7·2	6·8	6·5	6·4	6·3	6·3	6·1	6·7
FEB	8·3	8·2	8·2	8·0	7·5	7·4	7·0	6·8	6·7	6·7	6·5	6·2	7·0
MAR	9·0	8·6	8·3	8·1	7·6	7·4	7·1	7·1	7·0	6·9	6·8	6·7	7·4
APR	7·2	7·4	7·1	6·8	6·3	6·1	6·1	6·1	6·0	5·9	5·9	5·8	6·2
MAY	6·2	6·1	6·1	5·8	5·6	5·4	5·4	5·3	5·4	5·4	5·3	5·1	5·4
JUN	4·9	5·2	5·0	4·9	4·8	4·7	4·8	4·9	4·8	4·7	4·4	4·2	4·6
JUL	4·8	4·5	4·4	4·2	4·0	4·0	4·1	3·9	3·7	3·8	3·8	3·9	4·1
AUG	3·9	3·8	3·6	3·4	3·3	3·2	3·1	3·1	3·1	3·1	3·0	2·9	3·1
SEP	4·1	4·1	3·8	3·6	3·5	3·5	3·4	3·3	3·2	3·0	3·0	3·0	3·2
OCT	6·1	5·8	5·5	5·1	4·6	4·3	4·2	3·9	3·9	3·8	3·6	3·5	4·5
NOV	6·3	5·9	5·7	5·5	5·4	5·0	4·9	4·9	4·7	4·5	4·3	4·1	4·8
DEC	6·4	6·5	6·5	6·3	5·9	5·5	5·2	5·0	4·8	4·6	4·4	4·2	5·1
J/Y	6·3	6·2	6·0	5·8	5·5	5·3	5·2	5·1	5·0	4·9	4·8	4·6	5·2

0/709 GOUGH ø 40°19' S λ 09°54' W H 5M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12
JAN	13·8	13·6	13·6	13·5	13·4	13·4	13·3	13·4	14·3	14·9	15·2	15·3
FEB	15·8	15·7	15·6	15·4	15·4	15·3	15·2	15·1	15·4	16·0	16·7	17·1
MAR	14·1	13·9	13·8	13·8	13·9	13·8	13·7	13·6	13·7	14·3	14·7	15·1
APR	11·6	11·6	11·7	11·7	11·7	11·6	11·7	11·7	11·6	11·9	12·5	12·8
MAY	10·3	10·2	10·2	10·3	10·2	10·2	10·3	10·3	10·3	10·5	10·7	11·2
JUN	10·5	10·5	10·5	10·3	10·3	10·1	10·1	10·2	10·1	10·2	10·6	10·9
JUL	9·0	9·0	9·0	9·1	9·3	9·3	9·3	9·2	9·0	9·1	9·1	9·3
AUG	9·5	9·6	9·7	9·6	9·6	9·7	9·5	9·5	9·5	9·7	9·9	10·4
SEP	8·9	8·8	8·7	8·7	8·6	8·5	8·5	8·5	8·4	8·8	9·2	9·6
OCT	9·8	9·9	9·8	9·9	9·9	9·9	10·0	10·0	10·1	10·4	10·5	10·8
NOV	10·8	10·6	10·6	10·5	10·5	10·5	10·6	10·4	11·0	11·5	11·8	12·1
DEC	13·7	13·5	13·4	13·2	13·1	13·1	13·1	13·3	13·8	14·2	14·7	14·9
J/Y	11·5	11·4	11·4	11·3	11·3	11·3	11·3	11·3	11·4	11·8	12·1	12·5

	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	15·3	15·6	15·8	16·0	16·0	15·9	15·7	15·3	14·9	14·4	14·1	14·2	14·6
FEB	17·5	17·6	17·6	17·5	17·3	17·1	16·9	16·4	16·0	15·7	15·6	15·6	16·2
MAR	15·3	15·6	15·5	15·6	15·5	15·3	15·1	14·6	14·2	14·0	14·0	14·1	14·5
APR	13·0	13·0	12·8	12·8	12·7	12·5	12·2	11·8	11·5	11·4	11·4	11·4	12·0
MAY	11·5	11·7	11·6	11·6	11·5	11·2	11·2	10·8	10·6	10·6	10·5	10·5	10·8
JUN	11·1	11·2	11·1	11·1	11·0	10·9	10·8	10·6	10·5	10·6	10·6	10·6	10·6
JUL	9·7	9·8	9·9	9·6	9·6	9·3	9·2	9·0	9·0	9·0	9·0	9·0	[illegible]2
AUG	10·5	10·6	10·5	10·6	10·5	10·4	10·3	9·8	9·8	9·7	9·5	9·4	9·[illegible]
SEP	9·8	9·8	10·0	10·0	9·8	9·7	9·5	9·3	9·1	9·0	9·1	9·2	9·1
OCT	11·0	11·0	10·9	11·0	10·8	10·8	10·7	10·4	10·2	10·0	9·9	10·0	10·3
NOV	12·3	12·3	12·4	12·7	12·6	12·3	12·3	11·8	11·5	11·3	11·0	10·8	11·4
DEC	15·1	15·3	15·5	15·5	15·4	15·2	15·1	14·7	14·3	14·0	13·9	13·8	14·2
J/Y	12·7	12·8	12·8	12·8	12·7	12·5	12·4	12·0	11·8	11·6	11·5	11·5	11·9

GEMIDDELDE UURLIKSE WAARDES VAN VOGTIGHEID % / MEAN HOURLY VALUES OF HUMIDITY %

21/178 D F MALAN φ 33°58' S λ 18°36' E H 44M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	80	81	83	82	84	85	82	72	63	56	54	52	51	52	54	56	58	62	66	71	75	77	78	78	69
FEB	81	82	83	84	84	85	79	69	64	58	55	53	53	55	55	57	58	63	69	76	78	80	79	80	71
MAR	83	85	85	84	84	85	86	82	71	62	56	53	51	50	50	53	56	62	70	76	79	80	82	83	71
APR	88	89	89	90	90	91	91	90	83	74	68	64	62	62	64	64	67	72	80	84	86	88	90	90	80
MAY	89	90	91	91	91	91	92	93	89	83	78	74	72	70	70	73	77	81	85	86	87	88	88	88	84
JUN	88	89	89	91	91	91	90	90	88	80	73	67	65	64	63	66	71	78	82	85	85	86	86	87	81
JUL	89	89	90	91	91	91	91	91	89	80	71	63	60	57	57	60	65	72	81	85	88	90	89	90	80
AUG	85	86	87	87	88	87	88	85	80	70	65	61	58	57	57	57	61	68	76	80	82	83	84	84	76
SEP	89	89	89	89	89	90	90	87	77	64	58	54	51	51	52	53	57	64	73	79	82	83	86	87	74
OCT	84	85	86	85	87	88	88	79	69	61	56	53	52	51	51	52	56	62	68	74	78	80	82	83	71
NOV	81	82	83	85	86	85	80	69	58	53	51	50	50	50	51	53	57	61	66	72	75	76	77	78	68
DEC	82	82	83	83	83	84	78	70	61	56	54	52	54	54	55	55	57	61	65	73	77	78	79	80	69
J/Y	85	86	87	87	87	88	87	82	75	67	62	58	57	56	57	58	62	67	73	78	81	82	83	84	75

28/748 GEORGE φ 33°58' S λ 22°25' E H 221M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	91	92	92	93	92	91	87	80	76	72	71	71	71	72	72	75	75	77	80	87	90	91	91	91	83
FEB	93	92	92	92	91	92	91	86	82	77	74	74	73	73	73	74	74	80	85	91	92	93	92	92	84
MAR	92	91	90	90	90	90	89	85	80	76	75	74	75	76	76	77	78	82	88	91	92	93	92	91	85
APR	90	89	89	89	88	88	88	84	77	71	68	66	67	69	71	73	75	83	89	91	92	91	90	90	82
MAY	80	80	81	79	79	78	78	80	73	67	63	61	61	62	66	69	75	83	87	86	86	84	83	82	76
JUN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JUL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AUG	81	79	79	78	78	77	75	73	68	62	60	56	54	56	57	60	66	75	82	85	84	84	81	80	72
SEP	83	82	79	82	81	80	80	79	72	66	61	60	63	62	65	66	71	78	84	86	85	83	83	81	75
OCT	92	91	91	92	92	92	89	84	77	73	71	70	72	73	76	80	82	86	90	93	93	93	93	92	85
NOV	95	94	94	92	92	91	87	79	75	74	74	72	73	73	73	74	76	80	87	92	94	95	96	96	85
DEC	92	92	92	93	92	93	88	81	74	72	73	71	72	73	73	74	76	79	83	90	92	92	92	92	83
J/Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

35/179 PORT ELIZABETH φ 33°59' S λ 25°36' E H 62M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	86	88	88	89	90	92	85	74	68	65	63	60	60	61	65	67	70	74	79	82	84	85	85	85	77
FEB	91	91	92	92	92	93	90	81	73	69	67	65	65	64	68	69	72	76	81	86	88	90	92	92	81
MAR	90	91	91	92	91	91	90	85	76	70	67	66	68	67	70	73	76	82	87	88	90	90	90	90	82
APR	91	90	91	90	90	89	89	87	76	71	68	67	65	67	69	70	75	81	84	86	87	86	87	88	81
MAY	86	86	86	86	85	82	81	79	69	63	57	56	55	57	61	63	70	78	83	84	86	88	88	87	76
JUN	84	85	84	83	83	80	80	80	73	65	59	55	55	56	57	62	70	78	82	83	85	86	87	86	75
JUL	88	88	87	89	89	89	92	92	84	69	64	60	57	57	58	62	70	80	85	88	89	89	89	89	79
AUG	85	86	86	85	85	86	87	83	71	63	57	55	53	55	57	60	67	73	81	83	85	86	85	84	75
SEP	87	87	86	86	87	89	88	83	74	68	64	63	64	63	66	71	74	80	85	87	87	88	88	88	79
OCT	86	86	87	87	88	88	84	79	73	71	69	68	68	67	68	71	74	78	82	83	85	85	85	85	79
NOV	87	87	87	88	89	89	81	74	68	64	62	62	62	63	66	68	72	76	80	83	85	85	86	87	77
DEC	89	89	89	89	89	87	80	74	66	64	61	61	61	63	65	68	72	75	80	84	86	88	88	89	77
J/Y	87	88	88	88	88	88	86	81	73	67	63	61	61	62	64	67	72	78	82	85	86	87	87	87	78

59/572 EAST LONDON φ 33°02' S λ 27°50' E H 125M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	88	89	89	89	89	86	81	74	69	67	67	69	68	70	72	75	77	78	82	85	86	85	86	87	79
FEB	87	87	88	88	89	88	85	79	72	70	69	69	69	69	70	71	75	76	80	83	85	86	86	86	79
MAR	89	89	89	89	90	90	90	84	77	73	73	73	73	73	75	77	79	83	86	88	89	89	89	90	83
APR	88	88	88	87	86	85	84	79	72	67	66	66	65	65	69	73	78	81	84	86	86	87	87	87	79
MAY	81	79	77	77	75	73	72	70	65	60	55	53	53	55	57	63	70	76	80	81	82	82	82	82	71
JUN	70	73	73	72	71	69	68	67	61	55	48	46	45	47	50	53	63	69	70	70	71	69	71	69	63
JUL	78	79	80	81	80	80	80	77	71	66	62	61	62	63	66	69	74	79	81	82	79	80	79	79	75
AUG	72	71	73	73	75	76	76	73	67	62	57	57	56	59	61	64	67	76	80	80	79	77	75	74	70
SEP	89	88	88	87	86	85	83	78	70	67	66	66	67	70	72	75	78	82	87	88	89	89	89	89	80
OCT	88	88	88	89	89	89	87	82	76	74	73	71	73	76	79	82	84	86	87	88	87	87	86	86	83
NOV	88	88	88	88	88	88	82	74	70	67	66	66	66	68	69	72	76	79	82	84	84	84	86	87	79
DEC	87	87	87	87	88	86	80	72	68	66	66	66	66	70	71	73	75	79	82	85	87	88	87	86	79
J/Y	84	84	84	84	84	83	81	76	70	66	64	64	64	65	68	71	75	79	82	83	84	84	84	83	77

92/288 BEAUFORT WEST φ 32°18' S λ 22°40' E H 893M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	42	45	48	51	52	54	52	49	45	36	31	28	25	23	21	22	20	21	22	25	29	32	35	38	35
FEB	49	52	55	57	60	63	63	59	53	43	38	34	31	28	26	24	24	24	24	27	32	38	43	47	41
MAR	49	53	57	60	65	67	67	62	54	41	36	33	29	27	26	25	25	26	27	30	33	37	42	46	42
APR	49	51	56	57	59	60	61	59	55	46	41	38	34	32	30	29	29	30	32	35	38	41	43	44	44
MAY	55	56	57	58	58	58	59	58	53	47	45	43	41	40	39	39	40	43	45	48	50	50	50	53	49
JUN	33	34	35	36	38	39	40	39	35	31	28	26	25	24	23	23	23	25	26	27	29	30	32	32	31
JUL	45	46	47	48	50	53	54	54	50	44	39	37	34	32	31	30	30	32	34	37	38	40	42	43	41
AUG	45	46	46	47	48	49	53	52	47	39	36	34	31	30	30	29	30	32	34	37	38	41	42	45	40
SEP	34	37	39	41	42	43	46	45	38	29	25	22	21	19	19	18	18	18	19	21	24	26	28	31	29
OCT	51	55	58	61	66	68	66	59	52	41	38	35	30	27	25	24	25	27	29	32	36	41	45	49	43
NOV	50	53	57	59	63	64	61	56	49	37	32	28	25	22	21	20	20	22	24	27	31	36	39	44	39
DEC	47	49	52	54	56	56	55	51	47	36	31	27	24	22	21	21	20	20	22	24	27	34	38	42	36
J/Y	46	48	51	52	55	56	56	54	48	39	35	32	29	27	26	25	25	27	28	31	34	37	40	43	39

GEMIDDELDE UURLIKSE WAARDES VAN VOGTIGHEID % / MEAN HOURLY VALUES OF HUMIDITY %

240/808 LOUIS BOTHA φ 29°58' S λ 30°57' E H 8M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	87	87	88	87	87	86	79	74	71	71	71	69	70	70	71	74	78	79	82	83	85	84	85	86	79
FEB	87	88	88	89	90	91	87	77	73	71	70	70	69	71	73	76	79	80	85	86	87	86	87	87	81
MAR	88	89	90	90	91	91	89	80	73	69	67	66	66	66	69	73	77	81	83	85	86	86	88	88	80
APR	89	89	89	90	91	91	91	80	69	65	64	63	64	65	68	72	78	82	85	85	85	85	87	88	80
MAY	87	86	86	87	88	87	86	79	68	60	58	58	60	61	63	67	72	79	83	85	86	87	88	88	77
JUN	84	84	85	86	87	86	86	81	64	51	47	47	50	52	55	59	66	77	82	84	86	86	84	84	73
JUL	86	86	87	87	87	88	87	82	69	59	56	56	58	60	63	67	72	78	82	84	86	87	88	87	77
AUG	85	85	86	86	85	84	85	77	62	53	51	52	55	56	59	64	69	77	80	82	83	84	84	85	74
SEP	85	85	85	87	88	88	86	75	65	61	61	61	62	64	66	69	74	79	81	84	84	84	84	84	77
OCT	87	86	87	86	86	87	82	74	72	70	70	69	70	71	74	78	82	84	85	86	86	87	87	87	81
NOV	88	89	90	89	88	87	81	75	73	70	71	71	71	73	74	76	79	80	83	85	86	86	88	88	81
DEC	87	89	89	89	89	86	81	76	73	70	70	70	71	72	75	76	79	82	83	85	87	86	86	87	81
J/Y	87	87	87	88	88	88	85	77	69	64	63	63	64	65	67	71	75	80	83	85	86	86	86	87	78

261/307 BLOEMFONTEIN φ 29°07' S λ 26°11' E H 1422M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	59	62	66	71	74	76	70	64	54	46	41	36	34	31	30	31	32	33	37	42	45	48	51	54	49
FEB	73	73	75	79	81	83	79	71	63	56	51	46	45	41	39	40	40	42	49	56	62	65	67	70	60
MAR	62	63	67	70	75	77	76	64	54	47	42	38	34	32	30	30	31	33	41	46	50	53	57	58	51
APR	66	67	70	73	75	78	81	71	58	51	46	41	38	36	36	37	40	45	53	57	61	61	63	65	57
MAY	81	82	83	84	84	86	87	83	69	59	53	49	47	45	45	45	48	57	65	70	72	76	77	79	68
JUN	59	62	65	67	69	71	73	72	55	43	36	33	31	29	28	28	29	35	41	45	47	50	52	55	49
JUL	64	66	68	70	72	74	76	75	59	50	45	42	39	37	35	36	37	43	48	52	54	56	58	60	55
AUG	46	49	52	55	58	60	62	57	45	36	31	28	26	24	24	23	23	26	30	33	36	39	42	45	40
SEP	39	41	45	47	50	53	54	49	40	33	28	25	22	20	19	19	19	20	24	26	29	31	33	36	33
OCT	51	54	56	58	59	61	58	53	46	41	36	33	31	29	27	27	28	29	34	38	39	43	45	49	43
NOV	62	66	71	73	76	76	69	62	53	46	41	37	36	33	31	32	31	34	38	44	50	52	55	59	51
DEC	70	74	77	78	81	80	73	65	58	52	48	44	43	40	40	40	39	41	48	54	60	64	66	68	58
J/Y	61	63	66	69	71	73	71	65	55	47	41	38	35	33	32	32	33	37	42	47	50	53	55	58	51

274/ 34 ALEXANDER BAY φ 28°34' S λ 16°32' E H 21M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	88	89	90	90	91	91	90	83	75	69	63	60	58	58	59	61	63	66	69	76	82	86	87	88	76
FEB	91	91	92	92	92	92	92	88	82	75	68	64	62	62	63	66	69	74	80	86	89	89	90	91	81
MAR	89	89	91	91	91	91	91	89	81	73	66	58	56	56	57	61	64	70	76	81	85	87	88	89	78
APR	90	91	91	92	93	92	93	92	83	75	67	60	59	58	60	63	66	73	80	83	84	85	87	89	79
MAY	87	88	87	86	85	86	86	86	81	76	69	63	59	58	59	61	64	72	79	83	85	84	85	86	77
JUN	77	78	78	77	77	78	77	76	72	68	62	54	51	48	53	56	59	66	71	73	73	75	77	77	69
JUL	81	81	80	80	82	82	81	79	75	67	59	53	48	45	48	51	55	61	69	73	76	79	81	82	70
AUG	77	77	77	77	77	77	75	74	69	62	54	47	44	42	44	46	49	54	61	66	70	72	73	73	64
SEP	79	80	80	81	81	79	80	78	69	61	51	48	47	47	47	47	51	56	67	72	77	80	81	81	67
OCT	85	86	86	86	85	85	84	78	68	60	54	50	50	50	51	53	58	64	70	77	80	81	83	85	71
NOV	88	88	87	88	88	87	84	77	71	64	58	56	54	55	54	57	61	67	72	78	81	83	86	87	74
DEC	88	89	89	90	91	91	89	83	74	68	63	60	57	58	60	61	63	68	72	79	83	85	87	88	76
J/Y	85	86	86	86	86	86	85	82	75	68	61	56	54	53	55	57	60	66	72	77	80	82	84	85	74

290/468 KIMBERLEY φ 28°48' S λ 24°46' E H 1197M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	46	49	52	55	58	62	60	54	49	39	35	32	29	28	28	30	30	31	33	36	39	40	42	45	42
FEB	63	65	67	70	72	75	73	67	59	50	46	42	39	37	36	37	38	40	47	53	55	58	58	61	55
MAR	53	56	60	62	65	67	69	60	52	42	36	33	30	29	28	29	30	31	34	40	42	46	48	51	46
APR	58	60	64	65	67	68	70	65	56	47	43	40	37	36	36	35	35	39	44	47	50	52	56	58	51
MAY	74	76	76	77	78	79	80	76	67	58	53	49	46	45	44	43	44	51	57	63	66	68	70	72	63
JUN	60	62	63	66	67	69	72	72	60	47	42	39	36	35	34	34	35	39	43	46	51	53	55	57	52
JUL	60	62	64	65	66	69	71	71	64	53	47	44	41	40	40	40	40	43	47	50	52	54	55	57	54
AUG	40	44	47	48	51	53	56	55	46	38	33	30	28	26	24	24	24	26	28	30	32	35	37	39	37
SEP	31	32	34	36	40	42	44	40	37	29	26	23	21	20	19	19	19	19	21	22	24	25	27	28	28
OCT	40	42	45	49	50	52	49	44	39	32	29	27	26	24	24	24	25	25	27	29	32	34	36	38	35
NOV	49	52	55	57	61	62	57	50	45	36	33	30	28	26	25	26	26	29	31	35	38	40	43	45	41
DEC	62	63	66	69	72	73	67	60	56	48	44	42	39	41	40	39	40	41	43	49	53	55	57	59	53
J/Y	53	55	58	60	62	64	64	59	53	43	39	36	33	32	31	32	32	35	38	42	45	47	49	51	46

317/476 UPINGTON φ 28°26' S λ 21°16' E H 814M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	38	41	45	47	49	52	51	48	44	40	32	27	24	22	20	19	18	19	20	22	24	26	30	34	33
FEB	42	44	48	50	53	56	58	53	45	41	35	30	26	23	22	22	21	23	27	28	32	34	37	40	37
MAR	37	40	43	45	48	52	54	51	43	37	32	28	25	22	20	19	20	20	22	24	26	28	31	34	33
APR	46	51	54	56	59	60	61	57	53	48	40	33	29	27	25	25	24	26	30	32	36	38	41	44	41
MAY	70	73	75	77	80	81	83	78	65	56	48	41	37	36	34	33	33	37	43	48	55	60	63	66	57
JUN	63	66	68	69	71	73	74	72	61	50	40	34	30	28	27	26	26	32	40	45	49	53	57	59	51
JUL	50	53	56	59	61	62	64	64	58	50	40	33	30	27	26	25	25	27	32	35	38	41	44	47	44
AUG	41	44	46	49	51	53	56	55	48	41	31	27	24	23	21	21	21	23	26	28	31	33	35	39	36
SEP	25	28	30	32	34	36	37	35	32	28	22	20	17	15	14	13	12	13	14	16	17	19	21	23	23
OCT	31	34	38	43	47	51	50	47	43	39	29	24	21	18	17	15	15	15	17	19	21	24	27	29	30
NOV	32	35	38	41	43	44	42	38	35	31	24	21	18	17	15	15	16	17	18	20	22	23	25	28	27
DEC	35	38	41	44	49	52	50	47	44	40	32	28	26	24	22	21	20	20	20	22	24	27	30	31	33
J/Y	43	46	49	51	54	56	57	54	48	42	34	29	26	23	22	21	21	23	26	28	31	34	37	39	37

GEMIDDELDE UURLIKSE WAARDES VAN VOGTIGHEID % / MEAN HOURLY VALUES OF HUMIDITY %

419/184 KEETMANSHOOP ø 26°34'S λ 18°07'E H 1066M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	37	41	44	47	48	50	51	46	40	30	25	22	18	16	16	14	17	17	18	18	21	25	28	33	30
FEB	39	42	45	48	51	53	55	50	45	35	29	25	22	20	18	18	19	21	22	24	25	27	31	34	33
MAR	39	41	43	45	47	49	51	49	44	35	29	25	21	19	18	17	16	17	18	21	24	28	35	37	32
APR	39	41	44	46	48	51	53	54	48	39	33	28	25	22	20	19	19	19	22	25	28	32	35	38	34
MAY	47	49	53	56	58	59	59	61	55	46	39	33	28	25	23	22	21	22	25	29	32	36	40	44	40
JUN	42	44	45	47	50	52	53	54	51	43	36	32	28	25	24	22	22	24	26	29	32	34	37	39	37
JUL	38	40	42	44	47	49	51	52	49	40	32	27	24	21	20	19	18	19	21	24	28	30	32	36	33
AUG	33	37	39	41	44	45	47	48	44	36	30	25	22	20	18	17	16	17	19	22	24	27	29	31	31
SEP	20	22	24	26	27	30	33	32	29	24	20	17	15	12	11	10	10	10	11	13	14	16	17	18	19
OCT	33	37	39	41	43	45	46	44	39	30	25	20	17	14	12	12	12	12	12	14	17	20	24	30	27
NOV	34	37	41	43	46	48	47	43	37	29	23	19	16	14	14	12	13	16	15	18	19	21	25	29	27
DEC	35	38	42	44	46	48	48	45	40	31	25	22	18	16	16	15	15	14	14	16	17	21	25	29	28
J/Y	36	39	42	44	46	48	49	48	44	35	29	25	21	19	18	16	16	17	19	21	24	26	30	33	31

476/398 JAN SMUTS ø 26°08'S λ 28°14'E H 1694M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	78	79	79	80	82	83	81	76	70	63	58	54	51	49	50	50	51	56	61	66	70	72	73	76	67
FEB	80	81	83	85	86	87	84	77	70	62	58	54	52	50	49	51	51	52	59	67	70	74	76	78	68
MAR	78	78	82	83	85	86	85	79	72	61	53	49	47	45	43	42	42	46	54	60	63	66	69	73	64
APR	73	76	77	78	80	83	84	80	74	65	56	51	47	45	42	43	45	48	53	59	64	67	69	70	64
MAY	65	66	67	68	70	73	73	71	65	55	48	44	41	39	38	39	41	48	53	56	58	60	63	64	57
JUN	52	55	57	59	61	64	65	65	57	44	37	33	32	30	30	30	32	37	40	43	45	47	48	50	46
JUL	65	66	69	70	71	72	72	71	65	53	45	41	38	35	35	35	36	40	43	47	51	54	58	61	54
AUG	45	48	50	52	55	57	59	55	48	39	31	27	25	23	22	22	23	25	29	31	33	36	38	43	38
SEP	49	54	59	61	64	65	65	59	51	40	34	30	27	25	25	24	25	27	31	33	35	39	42	44	42
OCT	61	64	66	69	71	74	70	62	55	45	41	38	35	31	30	30	34	37	42	48	50	52	55	59	51
NOV	78	81	83	84	85	85	81	75	70	62	57	54	51	47	47	47	51	55	61	66	69	71	75	78	67
DEC	83	85	86	87	88	88	84	79	75	69	66	62	60	59	59	58	59	61	66	70	72	77	78	80	73
J/Y	67	69	71	73	75	76	75	71	64	55	49	45	42	40	39	39	41	44	49	54	57	60	62	65	58

508/232 MAFEKING ø 25°52'S λ 25°38'E H 1277M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	74	77	80	82	84	85	78	67	57	51	43	41	36	35	32	33	31	35	42	49	56	62	67	71	57
FEB	85	88	91	93	94	96	91	79	69	62	54	50	47	44	42	43	44	45	54	62	69	75	79	81	68
MAR	73	75	79	82	84	87	86	75	64	56	47	42	39	37	36	34	34	37	44	52	59	64	67	71	59
APR	69	73	75	79	82	83	84	73	59	52	47	42	37	34	32	31	33	37	46	52	59	63	65	68	57
MAY	78	79	80	81	83	84	85	76	62	52	44	41	39	38	37	36	37	44	53	60	66	71	74	76	61
JUN	63	66	69	72	74	75	76	71	56	46	36	32	30	27	26	26	27	33	40	46	51	55	59	62	51
JUL	67	71	73	75	77	80	82	78	60	51	40	36	33	31	31	31	32	36	42	49	53	56	60	63	54
AUG	45	47	49	52	55	58	61	57	46	39	28	24	22	20	19	18	18	20	23	27	31	35	39	41	36
SEP	38	40	43	45	48	52	53	49	42	36	27	23	21	19	18	18	18	18	21	23	26	29	33	35	32
OCT	45	48	52	55	58	61	58	51	45	40	30	25	23	23	21	21	21	23	27	30	33	37	39	43	37
NOV	59	63	68	70	72	73	68	59	53	47	40	36	33	30	30	30	31	33	37	42	45	49	53	57	49
DEC	75	78	80	83	85	85	77	71	66	60	53	48	45	42	42	42	43	45	48	56	60	65	69	72	62
J/Y	64	67	70	72	75	77	75	67	57	49	41	37	34	32	31	30	31	34	40	46	51	55	59	62	52

513/405A PRETORIA ø 25°45'S λ 28°14'E H 1369M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	81	84	86	87	88	89	82	74	67	62	58	54	52	52	50	51	53	56	59	66	71	73	76	79	69
FEB	85	86	88	90	91	92	86	75	69	64	59	54	51	50	49	51	52	55	62	70	75	78	80	82	71
MAR	79	81	83	85	87	89	87	73	66	61	56	51	48	45	44	43	43	46	54	61	66	69	73	76	65
APR	77	80	82	84	85	87	87	75	65	59	54	48	44	41	41	39	40	46	55	59	63	68	70	73	63
MAY	75	77	79	81	83	85	86	75	62	53	46	40	37	36	34	34	35	44	55	61	64	67	70	72	60
JUN	69	72	75	77	80	81	84	79	61	50	42	36	31	29	28	29	31	40	49	55	57	60	63	66	56
JUL	77	80	82	84	85	87	87	80	67	58	51	44	39	36	35	34	35	41	50	57	60	64	68	72	61
AUG	55	58	60	64	68	72	73	64	53	45	39	33	28	25	24	23	23	26	33	39	43	46	48	51	46
SEP	55	61	65	70	74	77	74	62	55	48	43	36	31	28	27	26	26	28	32	37	41	44	48	51	47
OCT	59	63	66	70	73	74	68	61	55	50	46	39	35	32	29	28	29	32	39	45	50	52	55	57	50
NOV	77	79	83	85	88	86	77	71	66	62	57	51	48	45	44	43	44	48	56	65	69	73	74	77	65
DEC	84	86	88	89	90	90	82	75	71	68	63	59	56	55	51	53	55	56	61	69	74	77	80	83	71
J/Y	73	76	78	81	83	84	81	72	63	57	51	45	42	39	38	38	39	43	50	57	61	64	67	70	60

513/605 ROODEPLAAT ø 25°35'S λ 28°21'E H 1164M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	84	84	87	87	87	89	79	70	62	57	53	51	49	47	46	47	48	50	60	68	73	78	80	82	67
FEB	87	89	90	91	92	93	84	72	62	56	52	49	47	48	48	50	49	53	62	73	80	83	85	86	70
MAR	81	82	84	87	90	92	88	70	61	55	51	47	44	41	39	39	40	43	51	61	68	73	76	78	64
APR	78	79	82	84	85	87	86	71	59	51	47	42	39	36	35	34	36	41	50	56	63	69	73	76	61
MAY	78	80	81	84	85	87	86	74	56	46	40	35	32	31	31	30	31	38	51	62	67	70	73	75	59
JUN	68	70	71	75	75	77	78	71	54	43	37	31	29	27	27	26	27	33	44	52	58	61	63	65	53
JUL	71	73	75	75	77	79	80	73	58	47	42	37	33	31	31	30	31	34	43	52	58	61	65	68	55
AUG	51	54	57	61	64	67	68	59	45	37	32	26	23	21	19	19	20	22	27	33	39	42	46	49	41
SEP	48	53	57	61	66	69	67	55	45	39	34	27	24	22	22	21	22	24	27	31	35	38	42	45	41
OCT	52	56	60	62	66	68	62	52	46	41	38	33	30	27	25	24	25	29	33	37	41	45	48	51	44
NOV	75	77	79	80	82	81	71	63	58	53	49	44	42	40	39	38	38	42	51	60	66	68	71	73	60
DEC	78	79	80	81	83	81	73	66	63	60	56	52	49	47	46	46	67	49	56	64	68	72	75	76	64
J/Y	71	73	75	77	79	81	77	65	56	49	44	39	37	35	34	34	35	38	46	54	60	63	66	69	57

GEMIDDELDE UURLIKSE WAARDES VAN VOGTIGHEID % / MEAN HOURLY VALUES OF HUMIDITY %

677/802 PIETERSBURG φ 23°52'S λ 29°27'E H 1230M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	89	90	91	91	92	91	86	77	70	66	61	59	57	56	56	55	57	62	71	79	84	86	88	87	75
FEB	89	91	92	92	93	93	90	82	74	67	62	58	56	54	54	54	58	62	71	79	83	84	85	88	75
MAR	87	89	91	91	92	92	89	80	68	60	54	50	47	45	45	45	48	55	63	71	77	79	82	84	70
APR	86	87	88	89	91	91	90	79	63	55	49	45	42	40	39	39	42	49	58	66	72	76	79	82	67
MAY	69	71	73	75	77	78	79	69	55	46	38	33	31	29	28	27	27	33	42	48	54	58	62	66	53
JUN	71	74	76	78	80	82	83	77	63	50	40	34	31	28	27	28	30	37	44	51	56	62	66	69	56
JUL	75	78	79	81	81	83	84	79	69	57	47	42	39	38	37	39	41	47	54	60	63	67	69	72	62
AUG	61	64	66	68	71	73	73	66	54	45	36	30	27	24	23	23	24	29	35	41	46	49	53	57	47
SEP	66	69	71	73	75	76	75	67	56	47	38	34	30	28	27	28	29	32	38	43	48	52	57	62	51
OCT	68	70	72	74	76	76	71	62	55	48	41	37	34	33	32	34	36	39	45	50	54	58	61	65	54
NOV	79	81	82	83	84	83	76	71	63	58	53	50	47	46	45	49	51	54	61	65	71	75	78	80	66
DEC	86	87	88	88	90	88	82	76	71	68	64	61	59	59	58	57	57	62	68	75	78	81	83	85	74
J/Y	77	79	81	82	82	84	81	74	63	56	49	44	42	40	39	40	42	47	54	61	65	69	72	75	62

740/154 WINDHOEK φ 22°34'S λ 17°06'E H 1728M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	46	49	50	54	56	57	57	51	39	33	29	25	23	23	22	22	22	25	28	31	35	40	42	45	38
FEB	64	65	68	69	70	73	73	69	59	48	43	39	36	34	34	39	41	44	45	48	53	55	59	61	54
MAR	49	51	51	51	52	53	54	53	44	37	33	30	28	28	27	27	29	30	32	37	39	41	43	46	61
APR	45	49	51	51	54	56	56	53	42	36	31	28	26	23	22	22	22	25	30	34	37	41	43	44	38
MAY	35	37	39	42	43	45	46	44	35	27	22	19	16	14	13	12	12	14	17	20	24	27	30	32	28
JUN	34	36	37	39	42	44	46	46	37	30	26	23	21	19	18	17	18	19	22	25	28	30	32	33	30
JUL	33	35	37	39	41	43	46	46	37	30	26	23	20	18	17	17	17	18	20	23	25	27	29	31	29
AUG	27	30	32	34	36	38	40	40	35	28	22	20	17	16	14	13	13	14	15	17	19	20	22	24	42
SEP	21	24	24	25	26	27	27	26	23	21	14	15	13	12	11	10	10	11	12	14	16	17	18	20	18
OCT	22	23	24	25	26	27	28	25	21	17	14	12	11	10	10	10	11	11	12	13	15	16	18	20	18
NOV	34	35	37	38	40	42	42	38	34	28	24	22	20	20	19	18	19	21	26	29	31	33	33	35	30
DEC	37	38	40	42	44	46	44	40	37	30	25	24	22	20	20	19	19	20	23	25	27	29	31	34	31
J/Y	37	39	41	42	44	46	46	44	37	30	26	24	21	20	19	19	19	21	24	26	29	31	34	35	35

1020/749 MAUN φ 19°59'S λ 23°25'E H 945M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	86	87	87	88	88	90	88	80	72	67	62	59	56	55	56	56	57	58	63	73	78	83	84	85	73
FEB	81	83	84	85	86	88	87	74	65	58	52	48	45	42	41	41	40	40	47	58	65	73	75	78	64
MAR	77	80	81	83	84	86	87	74	64	57	49	46	43	43	41	41	43	47	55	62	66	69	71	76	64
APR	64	67	71	75	78	82	82	69	55	47	37	33	33	32	30	30	30	34	42	48	53	56	59	62	53
MAY	57	60	64	66	68	71	73	60	44	36	28	26	24	23	22	22	22	25	32	39	44	50	52	54	44
JUN	52	54	57	60	63	68	71	66	51	42	31	27	25	23	22	22	23	25	30	35	39	43	47	50	43
JUL	43	44	47	49	52	55	57	56	48	40	30	27	24	23	22	22	21	23	26	30	34	36	37	39	37
AUG	36	38	42	44	48	51	54	51	40	33	25	22	20	18	17	17	16	17	19	22	26	29	33	34	31
SEP	29	32	35	37	40	42	44	40	35	31	24	21	18	16	16	15	15	15	17	19	20	23	25	27	27
OCT	32	35	38	38	38	39	39	34	30	27	21	18	17	15	15	14	14	14	16	18	20	23	28	29	25
NOV	49	53	55	57	59	58	56	49	43	37	31	28	27	25	25	26	26	27	31	35	40	43	45	48	41
DEC	78	79	81	83	85	85	84	78	68	59	52	51	46	46	48	50	51	53	57	65	70	73	76	78	67
J/Y	57	59	62	64	66	68	69	61	51	45	37	34	31	30	30	30	30	31	36	42	46	50	53	55	47

0/543 TRISTAN DA CUNHA φ 37°03'S λ 12°19'W H 23M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	91	92	91	91	91	91	90	91	91	91	86	83	83	82	83	83	83	83	84	84	86	88	90	91	87
FEB	82	83	81	81	81	83	82	82	82	82	79	77	73	73	73	73	74	74	75	77	78	79	82	82	79
MAR	84	83	83	83	83	84	84	84	83	83	80	78	76	74	72	73	73	75	76	78	80	80	81	81	80
APR	79	80	80	81	81	80	80	80	80	80	77	74	74	74	74	75	74	74	75	76	75	76	77	78	77
MAY	78	78	77	76	78	78	79	79	79	79	78	77	74	73	72	72	72	72	75	78	78	78	77	78	76
JUN	83	82	82	82	82	83	83	84	84	83	83	82	83	81	79	80	78	79	79	82	83	84	83	83	82
JUL	81	82	82	81	80	81	80	80	79	79	80	78	77	76	76	74	76	76	78	81	80	80	80	81	79
AUG	86	85	85	84	84	84	84	84	85	84	85	83	81	81	82	81	80	82	83	84	83	84	85	86	84
SEP	82	82	83	83	83	81	82	83	81	82	79	80	79	77	77	79	77	79	79	79	80	81	79	81	80
OCT	88	86	86	85	86	85	86	86	85	86	84	84	85	82	82	82	82	83	84	85	86	87	88	88	85
NOV	86	86	85	86	85	84	85	85	86	86	86	84	82	80	81	80	79	80	80	82	83	85	86	86	84
DEC	88	87	88	88	89	89	88	88	89	88	86	84	83	84	83	83	83	84	84	85	86	87	88	89	86
J/Y	84	84	84	83	84	84	84	84	84	84	82	80	79	78	78	78	78	78	79	81	81	82	83	84	82

0/655 MARION φ 46°53'S λ 37°52'E H 23M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	82	83	83	84	84	84	83	83	82	80	79	81	79	79	80	80	81	83	83	86	86	86	84	82	82
FEB	87	85	86	87	86	85	84	84	82	84	83	83	81	81	80	80	82	82	84	85	87	86	87	88	84
MAR	85	85	84	83	81	81	79	78	79	78	78	76	78	81	83	82	86	86	86	87	86	85	81	83	82
APR	87	87	88	88	86	87	87	88	87	87	86	86	85	84	85	88	88	88	87	88	87	88	88	87	87
MAY	89	90	89	89	89	90	90	90	91	89	88	88	89	90	89	90	91	93	92	93	92	91	90	89	90
JUN	82	83	83	83	83	84	84	85	81	79	81	82	83	82	83	84	84	84	81	81	81	80	79	81	82
JUL	85	84	86	83	82	81	81	81	81	80	79	75	78	81	80	81	84	85	84	85	85	84	85	85	82
AUG	82	81	81	81	79	80	79	78	79	77	76	75	77	77	76	78	80	80	83	83	85	84	86	84	80
SEP	86	86	88	86	86	84	84	81	83	83	84	84	83	85	84	84	85	86	88	87	86	87	85	86	85
OCT	84	82	82	81	81	80	77	77	77	78	79	79	79	81	80	81	83	82	84	86	85	84	86	83	81
NOV	81	81	81	81	81	78	77	75	76	77	78	77	77	80	80	80	81	83	84	83	81	82	81	81	80
DEC	80	79	80	81	82	81	80	81	80	80	79	80	80	77	77	78	80	82	81	81	82	81	79	79	80
J/Y	84	84	84	84	83	83	82	82	81	81	81	81	81	81	81	82	84	85	85	85	85	85	84	84	83

0/709 GOUGH φ 40°19'S λ 09°54'W H 5M HT 1·2M

1959	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MS
JAN	81	83	82	84	85	85	84	84	79	78	76	76	76	74	74	72	72	73	73	74	77	80	81	81	79
FEB	81	80	80	80	79	79	78	78	77	76	72	71	71	70	70	71	71	71	72	75	78	79	80	81	76
MAR	81	82	83	82	81	81	83	81	79	77	75	74	72	73	73	73	73	73	75	77	81	82	82	81	78
APR	73	75	77	77	78	80	81	81	79	79	77	74	73	73	74	75	73	73	75	75	75	76	75	73	76
MAY	84	83	84	83	84	85	86	86	86	84	83	82	81	81	81	81	81	81	82	82	84	84	83	82	83
JUN	82	82	83	84	84	84	86	85	85	86	85	84	82	80	81	81	80	81	81	81	82	81	82	81	83
JUL	82	82	82	83	81	82	82	82	81	80	79	78	76	75	75	75	75	77	78	78	79	80	81	82	79
AUG	81	81	79	80	80	81	81	81	81	82	83	81	81	80	79	79	79	79	80	81	80	80	81	81	80
SEP	80	80	79	78	79	79	80	79	80	78	76	75	74	75	75	74	75	76	77	77	79	79	79	78	78
OCT	85	84	84	85	86	86	86	87	86	84	84	81	80	79	79	80	81	80	81	82	83	83	84	84	83
NOV	81	81	80	81	81	82	81	82	80	78	78	76	75	75	75	75	75	76	77	78	80	81	81	80	79
DEC	84	85	85	85	85	86	86	85	83	83	82	81	81	80	78	77	78	78	76	77	80	82	83	84	82
J/Y	81	81	81	82	82	83	83	83	81	81	79	78	77	76	76	76	76	77	77	78	80	81	81	81	80

S O N S K Y N I N U R E

GEMID DAAGLIKSE DUUR - SS

S U N S H I N E I N H O U R S

MEAN DAILY DURATION - SS

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
20/719C TABLE MT HOUSE								
1959	ø 33°59' S	λ 18°24' E	H 761M					
JAN	8·94	63	2	0	8	12	9	31
FEB	8·17	61	1	2	6	11	8	28
MAR	6·87	56	4	2	5	18	2	31
APR	4·55	41	9	2	7	11	1	30
MAY	2·31	22	17	3	4	7	0	31
JUN	5·51	55	5	0	5	20	0	30
JUL	5·62	55	5	3	2	20	0	30
AUG	4·42	41	9	2	7	11	2	31
SEP	5·79	57	3	1	9	11	6	30
OCT	6·27	48	3	1	12	13	2	31
NOV	8·46	61	1	2	8	10	9	30
DEC	8·05	56	2	1	10	11	7	31
J/Y	6·33	52	61	19	83	155	46	364
21/591 ELSENBURG								
1959	ø 33°51' S	λ 18°50' E	H 181M					
JAN	11·19	79	0	0	2	25	4	31
FEB	10·77	81	0	0	3	10	15	28
MAR	8·99	73	1	0	3	20	6	30
APR	6·61	59	4	1	4	17	3	29
MAY	3·72	36	5	6	8	11	0	30
JUN	5·77	58	0	2	11	17	0	30
JUL	6·98	69	0	2	4	25	0	31
AUG	6·29	58	1	2	10	14	4	31
SEP	8·04	68	0	1	5	21	3	30
OCT	8·20	63	1	0	7	20	3	31
NOV	11·62	84	0	0	0	26	4	30
DEC	10·79	74	0	0	2	29	0	31
J/Y	8·25	68	12	14	59	235	42	362
28/748 GEORGE								
1959	ø 33°58' S	λ 22°25' E	H 221M					
JAN	7·48	53	3	2	9	11	6	31
FEB	6·97	52	1	1	11	11	4	28
MAR	6·40	52	3	3	8	11	6	31
APR	6·18	55	3	3	5	13	6	30
MAY	6·51	63	1	2	6	16	6	31
JUN	6·53	66	0	0	9	18	3	30
JUL	6·64	66	1	1	6	13	10	31
AUG	7·53	69	0	1	6	12	12	31
SEP	7·40	62	0	3	8	16	3	30
OCT	5·36	41	2	5	12	11	1	31
NOV	6·94	50	1	4	10	8	7	30
DEC	6·46	45	2	4	12	9	4	31
J/Y	6·70	55	17	29	102	149	68	365
35/334 ADDO								
1959	ø 33°34' S	λ 25°42' E	H 85M					
JAN	9·19	65	0	0	11	16	4	31
FEB	8·90	67	0	0	9	12	7	28
MAR	6·83	56	1	3	8	17	2	31
APR	6·25	55	3	1	10	9	7	30
MAY	6·92	67	1	1	7	14	8	31
JUN	8·06	81	0	1	2	10	17	30
JUL	7·45	73	0	3	2	15	11	31
AUG	8·32	76	0	1	3	14	13	31
SEP	8·69	73	1	0	5	24	0	30
OCT	6·77	52	2	2	10	14	3	31
NOV	8·77	63	0	1	8	16	5	30
DEC	8·59	60	2	2	5	18	4	31
J/Y	7·89	65	10	15	80	179	81	365
42/785 FARM LOCH LYNNE								
1959	ø 33°05' S	λ 19°27' E	H 975M					
JAN	12·03	86	0	0	1	10	20	31
FEB	11·56	87	0	0	1	6	18	25
MAR	-	-	-	-	-	-	-	-
APR	7·73	69	0	1	7	10	10	28
MAY	5·13	49	1	5	8	15	2	31
JUN	7·62	76	0	0	4	17	9	30
JUL	7·91	77	0	0	2	22	7	31
AUG	8·39	77	0	0	3	16	12	31
SEP	8·31	70	1	1	2	18	5	27
OCT	8·65	67	0	1	7	17	6	31
NOV	11·93	86	0	0	1	15	14	30
DEC	12·17	85	0	0	1	10	20	31
J/Y	-	-	-	-	-	-	-	-

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
21/178 D F MALAN WEERKANTOOR WEATHER OFFICE								
1959	ø 33°58' S	λ 18°36' E	H 44M					
JAN	11·18	79	0	0	3	10	18	31
FEB	11·04	83	0	0	3	9	16	28
MAR	9·07	74	0	1	4	18	8	31
APR	6·68	59	0	4	5	14	6	29
MAY	4·28	41	3	8	8	5	7	31
JUN	5·99	60	0	3	9	11	7	30
JUL	7·35	73	0	2	3	11	15	31
AUG	6·48	60	2	3	8	5	13	31
SEP	8·17	69	0	1	5	18	6	30
OCT	8·61	66	0	1	3	21	6	31
NOV	11·94	86	0	0	0	14	16	30
DEC	10·55	73	0	1	4	12	14	31
J/Y	8·45	70	5	24	55	148	132	364
23/710 ROBERTSON LANDBOU AGRIC								
1959	ø 33°50' S	λ 19°54' E	H 156M					
JAN	8·59	61	0	0	10	21	0	31
FEB	8·28	62	0	1	8	19	0	28
MAR	6·88	56	1	3	7	20	0	31
APR	6·17	55	2	2	9	17	0	30
MAY	5·50	53	1	0	14	16	0	31
JUN	6·66	67	2	1	2	24	1	30
JUL	6·49	64	1	1	6	20	3	31
AUG	7·48	69	0	1	6	24	0	31
SEP	7·84	66	0	1	5	24	0	30
OCT	6·78	52	2	1	9	19	0	31
NOV	8·91	64	1	1	3	25	0	30
DEC	9·51	71	0	1	4	26	0	31
J/Y	7·42	61	10	13	83	255	4	365
35/179 PORT ELIZABETH WEERKANTOOR WEATHER OFFICE								
1959	ø 33°59' S	λ 25°36' E	H 62M					
JAN	9·31	66	0	0	9	16	6	31
FEB	9·06	68	1	0	7	15	5	28
MAR	7·62	62	1	1	8	21	0	31
APR	6·79	60	4	0	5	15	6	30
MAY	7·59	73	2	1	2	15	11	31
JUN	8·28	83	0	0	3	6	21	30
JUL	8·07	80	1	0	3	9	18	31
AUG	8·70	80	0	1	1	16	13	31
SEP	8·68	73	1	0	4	16	9	30
OCT	7·06	54	2	3	8	18	0	31
NOV	9·42	68	0	0	7	18	5	30
DEC	9·16	64	1	0	8	19	3	31
J/Y	8·31	69	13	6	65	184	97	365
37/541 BATHURST LANDBOU AGRIC								
1959	ø 33°31' S	λ 26°49' E	H 259M					
JAN	8·49	60	0	1	9	18	2	30
FEB	7·46	56	2	1	8	13	3	27
MAR	6·57	53	0	3	10	16	1	30
APR	5·93	53	5	2	6	10	6	29
MAY	6·29	61	2	4	3	18	3	30
JUN	7·67	77	0	0	2	24	1	27
JUL	7·43	73	1	0	4	16	9	30
AUG	8·30	76	1	0	2	18	10	31
SEP	7·91	67	0	1	3	25	1	30
OCT	6·11	47	2	3	8	18	0	31
NOV	7·98	57	0	2	10	14	4	30
DEC	8·08	56	2	2	6	16	4	30
J/Y	7·35	61	15	19	71	206	44	355
43/566 MATROOSBERG								
1959	ø 33°26' S	λ 19°49' E	H 968M					
JAN	11·78	83	0	0	0	16	15	31
FEB	10·98	83	0	0	3	8	17	28
MAR	9·53	77	1	0	3	13	14	31
APR	7·84	70	1	1	4	15	9	30
MAY	5·75	55	1	1	11	13	5	31
JUN	7·86	79	0	0	3	26	1	30
JUL	7·81	77	0	1	4	13	13	31
AUG	8·31	76	0	0	6	9	16	31
SEP	9·51	80	0	0	2	19	9	30
OCT	8·82	68	0	1	7	14	9	31
NOV	12·09	87	0	0	1	14	15	30
DEC	12·28	86	0	0	1	11	19	31
J/Y	9·38	78	3	4	45	171	142	365

S O N S K Y N I N U R E

GEMID DAAGLIKSE DUUR - SS

S U N S H I N E I N H O U R S

MEAN DAILY DURATION - SS

48/383 KANGOGROTTE

1959 ø 33°23'S λ 22°13'E H 640M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-
MAR	-	-	-	-	-	-	-	-
APR	6·20	55	3	2	6	16	2	29
MAY	5·58	54	3	2	5	19	1	30
JUN	5·92	59	0	0	6	24	0	30
JUL	5·87	58	1	1	7	22	0	31
AUG	7·36	67	0	0	7	24	0	31
SEP	8·28	69	0	1	3	23	3	30
OCT	7·25	56	2	3	7	16	3	31
NOV	9·86	71	0	0	3	26	1	30
DEC	8·41	59	0	2	9	19	0	30
J/Y	-	-	-	-	-	-	-	-

59/572 EAST LONDON WEERKANTOOR WEATHER OFFICE

1959 ø 33°02'S λ 27°50'E H 125M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	6·83	49	2	4	9	13	3	31
FEB	7·90	59	2	1	8	10	7	28
MAR	6·66	54	0	6	5	17	3	31
APR	6·70	59	2	3	5	11	9	30
MAY	7·23	69	1	2	3	15	10	31
JUN	8·67	87	0	0	2	7	21	30
JUL	7·68	75	2	1	3	7	18	31
AUG	8·35	76	0	0	7	8	16	31
SEP	8·57	72	0	0	5	17	8	30
OCT	5·84	45	6	1	10	11	3	31
NOV	7·24	52	3	2	9	12	4	30
DEC	7·37	51	1	4	8	17	1	31
J/Y	7·42	61	19	24	74	145	103	365

60/823 STOMPNEUSBAAI

1959 ø 32°43'S λ 17°58'E H 5M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	12·41	89	0	0	1	7	19	27
FEB	10·71	81	0	0	3	9	16	28
MAR	8·93	73	0	4	3	8	16	31
APR	7·75	69	0	3	4	11	12	30
MAY	5·19	50	3	3	8	11	6	31
JUN	7·36	73	0	0	7	10	13	30
JUL	7·59	74	0	2	3	11	15	31
AUG	7·65	69	2	0	8	7	14	31
SEP	8·84	74	0	1	4	13	12	30
OCT	8·90	69	0	1	4	17	9	31
NOV	11·59	85	0	1	1	7	21	30
DEC	11·65	82	0	2	0	12	17	31
J/Y	9·05	75	5	17	46	123	170	361

74/296 JANSENVILLE

1959 ø 32°56'S λ 24°40'E H 410M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	10·05	71	0	0	4	21	5	30
FEB	10·27	77	0	1	1	15	11	28
MAR	8·17	66	1	1	2	25	2	31
APR	7·04	63	2	1	6	15	6	30
MAY	6·94	67	1	1	4	24	1	31
JUN	8·35	83	0	0	1	16	13	30
JUL	6·95	68	1	0	8	11	11	31
AUG	8·75	80	0	0	4	9	18	31
SEP	8·89	75	1	0	2	24	3	30
OCT	7·88	61	0	3	5	20	3	31
NOV	10·40	75	0	0	3	19	8	30
DEC	10·09	71	1	2	2	13	13	31
J/Y	8·65	71	7	9	42	212	94	364

79/811 DOHNE LANDBOU AGRIC

1959 ø 32°31'S λ 27°28'E H 899M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	6·54	47	2	1	10	16	0	29
FEB	7·25	55	1	1	10	13	3	28
MAR	6·48	53	0	4	9	17	1	31
APR	7·02	62	3	1	5	14	7	30
MAY	7·02	67	1	3	4	16	7	31
JUN	8·81	88	0	0	0	10	20	30
JUL	7·41	72	0	3	2	15	11	31
AUG	8·84	81	0	0	5	12	14	31
SEP	8·44	71	0	0	5	23	2	30
OCT	6·84	53	2	2	7	16	2	29
NOV	6·63	48	0	1	17	11	1	30
DEC	7·18	50	1	2	11	17	0	31
J/Y	7·37	61	10	18	85	180	68	361

92/288 BEAUFORT WEST WEERKANTOOR WEATHER OFFICE

1959 ø 32°18'S λ 22°40'E H 893M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	11·62	83	0	0	1	17	13	31
FEB	10·98	83	0	2	0	11	15	28
MAR	9·98	81	0	1	3	11	16	31
APR	7·66	68	2	1	3	12	12	30
MAY	7·14	68	0	3	5	12	11	31
JUN	8·91	89	0	0	1	7	22	30
JUL	8·30	81	0	0	4	5	22	31
AUG	9·11	83	0	1	1	10	19	31
SEP	9·83	83	0	0	2	12	16	30
OCT	9·25	72	0	2	5	13	11	31
NOV	11·45	83	0	1	1	15	13	30
DEC	11·06	78	0	0	4	11	16	31
J/Y	9·61	79	2	11	30	156	186	365

106/850 VREDENDAL

1959 ø 31°40'S λ 18°29'E H 34M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	11·54	83	0	0	0	14	17	31
FEB	10·26	78	0	0	2	16	10	28
MAR	9·95	81	0	0	2	17	12	31
APR	8·11	72	0	1	5	17	7	30
MAY	5·60	53	1	3	11	7	9	31
JUN	8·01	79	0	1	2	12	15	30
JUL	7·86	76	0	0	6	10	15	31
AUG	7·90	72	1	2	3	10	15	31
SEP	9·00	76	0	1	3	11	15	30
OCT	8·35	65	0	2	6	20	3	31
NOV	11·77	86	0	0	1	13	16	30
DEC	11·21	79	0	0	3	7	21	31
J/Y	9·13	75	2	10	44	154	155	365

113/ 25 FRASERBURG TRONK GAOL

1959 ø 31°55'S λ 21°31'E H 1259M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	12·60	90	0	0	1	10	20	31
FEB	11·58	87	0	2	0	3	23	28
MAR	11·16	91	0	0	0	7	24	31
APR	8·89	79	0	0	5	8	17	30
MAY	7·96	76	0	1	4	13	13	31
JUN	9·24	92	0	0	1	5	24	30
JUL	9·23	90	0	0	1	6	24	31
AUG	9·69	88	0	0	2	6	23	31
SEP	10·54	89	0	0	1	7	22	30
OCT	10·30	80	0	0	4	11	16	31
NOV	12·72	93	0	0	1	4	25	30
DEC	12·20	86	0	0	3	7	21	31
J/Y	10·51	87	0	3	23	87	252	365

123/683A QUEENSTOWN

1959 ø 31°53'S λ 26°53'E H 1094M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-
MAR	-	-	-	-	-	-	-	-
APR	7·09	63	2	2	4	15	7	30
MAY	6·15	59	4	1	4	22	0	31
JUN	7·64	76	0	0	3	27	0	30
JUL	6·61	64	2	2	3	24	0	31
AUG	8·29	76	0	1	4	17	9	31
SEP	8·94	75	0	0	3	19	8	30
OCT	7·69	60	2	1	6	18	4	31
NOV	8·71	63	1	1	7	16	5	30
DEC	9·49	67	0	2	4	17	8	31
J/Y	-	-	-	-	-	-	-	-

127/485 UMTATA

1959 ø 31°35'S λ 28°47'E H 700M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-
MAR	-	-	-	-	-	-	-	-
APR	6·76	60	2	1	5	20	1	29
MAY	5·89	56	3	3	3	21	0	30
JUN	6·24	61	0	0	2	28	0	30
JUL	-	-	-	-	-	-	-	-
AUG	8·09	73	0	2	2	20	4	28
SEP	7·45	63	0	3	5	20	0	28
OCT	6·25	49	2	2	10	16	1	31
NOV	5·57	41	5	4	8	13	0	30
DEC	6·23	44	4	1	10	15	0	30
J/Y	-	-	-	-	-	-	-	-

S O N S K Y N I N U R E

GEMID DAAGLIKSE DUUR - SS

S U N S H I N E I N H O U R S

MEAN DAILY DURATION - SS

134/478 CALVINIA TRONK GAOL

1959 ø 31°28'S λ 19°46'E H 980M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	-	-	-	-	-	-	-	-
FEB	11·30	85	0	1	1	7	19	28
MAR	10·69	87	0	0	0	15	16	31
APR	7·95	70	0	0	7	14	9	30
MAY	4·82	46	2	2	14	13	0	31
JUN	5·72	56	0	1	5	24	0	30
JUL	6·45	63	0	0	5	26	0	31
AUG	7·65	70	0	1	6	19	5	31
SEP	9·70	81	0	0	2	12	16	30
OCT	9·75	76	0	1	2	16	12	31
NOV	12·23	89	0	0	0	7	23	30
DEC	12·00	85	0	0	0	9	22	31
J/Y	-	-	-	-	-	-	-	-

145/ 59 GROOTFONTEIN LANDBOU AGRIC

1959 ø 31°29'S λ 25°02'E H 1263M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	9·98	72	0	0	5	20	6	31
FEB	9·61	73	1	1	3	10	13	28
MAR	9·21	75	0	0	5	23	3	31
APR	7·85	69	3	1	2	12	12	30
MAY	6·84	65	2	0	7	17	5	31
JUN	8·69	86	0	0	1	10	19	30
JUL	7·52	73	2	1	3	10	15	31
AUG	9·23	84	0	0	0	17	14	31
SEP	9·83	83	0	0	1	16	13	30
OCT	9·32	73	1	1	5	10	13	30
NOV	10·31	75	0	0	4	14	12	30
DEC	10·82	76	0	2	1	14	14	31
J/Y	9·10	75	9	6	37	173	139	364

148/810 WILLOW PARK

1959 ø 31°30'S λ 26°57'E H 1485M

	SS	% VAN MAX	NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	8·55	61	0	1	9	16	5	31
FEB	9·15	69	1	2	4	12	9	28
MAR	8·55	70	0	2	1	24	4	31
APR	7·74	68	1	3	2	14	10	30
MAY	7·19	68	5	0	2	9	15	31
JUN	-	-	-	-	-	-	-	-
JUL	-	-	-	-	-	-	-	-
AUG	8·94	81	1	1	2	4	23	31
SEP	9·57	80	0	0	1	13	16	30
OCT	7·95	62	1	2	5	18	5	31
NOV	8·90	65	0	0	7	17	3	27
DEC	9·25	65	0	2	7	17	5	31
J/Y	-	-	-	-	-	-	-	-

170/ 98 DE AAR LANDBOU AGRIC

1959 ø 30°39'S λ 24°01'E H 1241M

	SS	% OF MAX	NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	11·60	84	0	0	1	11	19	31
FEB	10·56	80	0	0	4	7	17	28
MAR	9·73	79	0	0	3	12	16	31
APR	8·16	72	0	3	3	10	14	30
MAY	7·84	74	0	1	4	13	13	31
JUN	9·10	89	0	0	1	6	23	30
JUL	8·18	79	1	1	3	6	20	31
AUG	9·80	89	0	0	2	3	26	31
SEP	10·27	86	0	0	3	27	0	30
OCT	9·54	74	1	1	3	14	12	31
NOV	11·66	85	0	0	1	9	20	30
DEC	11·05	79	0	1	4	8	18	31
J/Y	9·79	81	2	7	32	126	198	365

175/371A ALIWAL NORTH

1959 ø 30°41'S λ 26°43'E H 1316M

	SS	% VAN MAX	NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	9·85	71	0	0	7	15	9	31
FEB	9·65	73	0	2	2	12	12	28
MAR	9·21	75	0	1	3	15	12	31
APR	8·34	74	1	1	5	11	12	30
MAY	6·82	64	1	2	7	9	12	31
JUN	8·60	84	1	0	1	6	22	30
JUL	7·85	75	1	1	4	6	19	31
AUG	9·93	90	0	0	3	2	26	31
SEP	10·65	89	0	0	0	9	21	30
OCT	8·95	70	1	0	6	12	12	31
NOV	10·40	76	0	0	4	12	14	30
DEC	10·57	75	0	1	6	9	15	31
J/Y	9·23	76	5	8	48	118	186	365

177/178A BARKLY EAST

1959 ø 30°58'S λ 27°36'E H 1781M

	SS	% OF MAX	NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-
MAR	-	-	-	-	-	-	-	-
APR	8·28	73	1	0	6	7	16	30
MAY	6·66	63	1	1	9	9	11	31
JUN	8·13	80	1	0	1	13	15	30
JUL	-	-	-	-	-	-	-	-
AUG	9·37	85	0	0	1	16	14	31
SEP	10·10	85	0	0	0	15	15	30
OCT	-	-	-	-	-	-	-	-
NOV	-	-	-	-	-	-	-	-
DEC	-	-	-	-	-	-	-	-
J/Y	-	-	-	-	-	-	-	-

180/722C KOKSTAD

1959 ø 30°32'S λ 29°25'E H 1345M

	SS	% VAN MAX	NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-
MAR	-	-	-	-	-	-	-	-
APR	7·80	69	0	1	4	25	0	30
MAY	6·88	65	4	2	1	17	7	31
JUN	8·09	79	0	1	1	20	8	30
JUL	7·36	71	0	2	5	20	4	31
AUG	8·77	79	2	0	0	20	9	31
SEP	8·94	75	0	0	5	23	2	30
OCT	7·28	57	3	2	3	23	0	31
NOV	5·93	43	4	4	8	14	0	30
DEC	6·50	46	1	5	9	16	0	31
J/Y	-	-	-	-	-	-	-	-

193/561 VANWYKSVLEI

1959 ø 30°21'S λ 21°49'E H 958M

	SS	% OF MAX	NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	11·71	84	0	0	3	9	19	31
FEB	10·74	81	0	1	3	6	18	28
MAR	10·56	86	0	0	1	10	20	31
APR	8·89	78	0	0	3	15	12	30
MAY	8·08	76	0	0	6	11	14	31
JUN	8·75	86	0	2	1	2	25	30
JUL	8·71	84	1	1	1	7	21	31
AUG	9·77	86	0	0	2	6	23	31
SEP	10·87	91	0	0	2	6	22	30
OCT	9·86	77	0	1	3	9	18	31
NOV	12·18	89	0	0	2	5	23	30
DEC	12·08	86	0	0	2	3	26	31
J/Y	10·18	84	1	5	29	89	241	365

208/316 NEW AMALFI LANDBOU AGRIC

1959 ø 30°16'S λ 29°11'E H 1475M

	SS	% VAN MAX	NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	7·26	52	2	3	7	18	1	31
FEB	8·11	62	1	1	6	15	5	28
MAR	7·46	61	0	2	8	16	5	31
APR	8·17	72	1	0	4	16	9	30
MAY	7·52	71	4	0	3	6	18	31
JUN	8·51	83	1	0	1	9	19	30
JUL	7·94	76	1	0	4	15	11	31
AUG	-	-	-	-	-	-	-	-
SEP	-	-	-	-	-	-	-	-
OCT	-	-	-	-	-	-	-	-
NOV	-	-	-	-	-	-	-	-
DEC	-	-	-	-	-	-	-	-
J/Y	-	-	-	-	-	-	-	-

211/661 UMBOGINTWINI

1959 ø 30°01'S λ 30°53'E H 68M

	SS	% OF MAX	NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	4·91	35	6	6	6	13	0	31
FEB	6·36	48	2	3	9	11	3	28
MAR	6·85	56	3	2	6	20	0	31
APR	6·01	53	1	2	10	17	0	30
MAY	6·23	59	5	2	2	21	1	31
JUN	6·64	65	3	0	2	25	0	30
JUL	6·85	66	2	0	5	23	1	31
AUG	7·39	67	2	1	3	20	4	30
SEP	7·21	60	0	2	6	22	0	30
OCT	4·91	38	5	4	9	13	0	31
NOV	4·17	31	6	5	9	10	0	30
DEC	4·77	34	3	6	10	11	1	31
J/Y	6·03	50	38	33	77	206	10	364

S O N S K Y N I N U R E

GEMID DAAGLIKSE DUUR - SS

S U N S H I N E I N H O U R S

MEAN DAILY DURATION - SS

214/636 OKIEP

1959 ø 29°36'S λ 17°52'E H 918M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	12·43	90	0	0	0	7	24	31
FEB	11·72	89	0	1	0	5	22	28
MAR	10·59	86	0	0	2	7	22	31
APR	8·34	73	0	1	6	6	17	30
MAY	6·00	57	0	7	5	9	10	31
JUN	8·22	80	0	1	3	5	21	30
JUL	8·16	78	0	2	3	5	21	31
AUG	8·75	79	0	0	5	6	20	31
SEP	10·23	86	0	0	1	5	21	27
OCT	10·32	81	0	1	1	14	14	30
NOV	12·54	92	0	0	0	6	24	30
DEC	12·31	88	0	0	1	10	20	31
J/Y	9·97	82	0	15	27	85	236	361

224/430 PRIESKA

1959 ø 29°40'S λ 22°45'E H 932M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	11·19	73	0	0	3	9	19	31
FEB	10·11	77	0	0	4	11	13	28
MAR	10·16	83	0	0	2	12	17	31
APR	8·87	78	0	1	4	8	17	30
MAY	8·57	80	0	0	3	12	16	31
JUN	8·81	86	0	1	1	4	24	30
JUL	8·17	78	2	2	1	5	21	31
AUG	10·33	93	0	0	1	5	25	31
SEP	10·84	91	0	0	1	5	24	30
OCT	10·03	78	0	1	2	12	16	31
NOV	11·33	81	0	0	3	11	16	30
DEC	11·12	79	0	1	3	6	21	31
J/Y	9·96	82	2	6	28	100	229	365

229/556 FAURESMITH LANDBOU AGRIC

1959 ø 29°46'S λ 25°19'E H 1382M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	10·05	71	1	0	5	10	15	31
FEB	9·36	71	0	3	2	11	12	28
MAR	9·06	74	0	0	3	18	10	31
APR	8·24	73	1	0	6	10	13	30
MAY	7·22	68	1	1	5	17	7	31
JUN	8·43	82	0	1	1	25	3	30
JUL	7·37	71	1	2	3	18	7	31
AUG	9·65	87	0	0	1	8	22	31
SEP	10·36	87	0	0	0	19	11	30
OCT	9·57	75	0	1	3	17	9	30
NOV	10·29	75	0	0	5	13	12	30
DEC	10·08	72	0	1	4	13	13	31
J/Y	9·14	75	4	9	38	179	134	364

233/ 44 WEPENER

1959 ø 29°44'S λ 27°02'E H 1426M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	9·75	71	0	1	7	9	14	31
FEB	9·44	72	1	0	4	11	12	28
MAR	8·89	72	0	1	3	17	10	31
APR	8·30	74	0	0	7	8	15	30
MAY	7·15	67	1	1	6	16	7	31
JUN	8·00	78	0	1	2	27	0	30
JUL	7·33	70	1	2	4	12	12	31
AUG	9·63	87	0	0	1	13	17	31
SEP	10·14	85	0	0	1	8	21	30
OCT	9·52	74	0	0	6	14	11	31
NOV	10·08	74	0	1	4	14	11	30
DEC	9·93	71	1	0	5	15	10	31
J/Y	9·04	75	4	7	50	164	140	365

239/482 CEDARA LANDBOU AGRIC

1959 ø 29°32'S λ 30°17'E H 1063M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	5·87	43	2	4	13	11	1	31
FEB	6·16	47	3	2	7	13	3	28
MAR	7·00	57	3	1	5	18	4	31
APR	7·79	69	1	1	3	18	7	30
MAY	7·49	70	4	2	1	8	16	31
JUN	8·17	79	1	0	2	12	15	30
JUL	7·55	72	0	2	4	14	11	31
AUG	8·86	80	1	0	2	12	16	31
SEP	8·85	74	0	1	5	15	9	30
OCT	6·81	53	4	1	7	17	2	31
NOV	4·93	36	4	6	11	6	3	30
DEC	5·29	38	3	4	14	8	2	31
J/Y	7·06	58	26	24	74	152	89	365

240/808 LOUIS BOTHA DURBAN WEERKANTOOR WEATHER OFFICE

1959 ø 29°58'S λ 30°57'E H 8M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	5·48	40	4	6	9	11	1	31
FEB	6·61	50	2	4	7	15	0	28
MAR	7·09	58	1	4	3	22	1	31
APR	6·96	61	1	2	6	18	3	30
MAY	7·06	66	2	4	2	13	10	31
JUN	8·10	79	1	0	4	11	14	30
JUL	7·60	73	0	2	2	18	9	31
AUG	7·84	71	1	3	2	17	8	31
SEP	7·78	65	0	2	5	18	5	30
OCT	5·29	41	5	2	10	12	2	31
NOV	4·78	35	4	6	10	9	1	30
DEC	5·26	37	1	7	10	12	1	31
J/Y	6·65	55	22	42	70	176	55	365

241/ 72 MOUNT EDGECOMBE

1959 ø 29°42'S λ 31°03'E H 104M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	5·77	42	2	5	10	14	0	31
FEB	6·77	52	0	4	8	15	1	28
MAR	7·08	57	1	3	4	22	1	31
APR	7·32	64	1	2	5	22	0	30
MAY	6·54	61	4	2	4	18	3	31
JUN	7·81	76	0	2	2	25	1	30
JUL	7·36	70	0	2	3	24	2	31
AUG	7·58	68	0	4	2	24	1	31
SEP	7·89	66	0	2	5	23	0	30
OCT	5·71	45	4	3	6	18	0	31
NOV	4·81	35	2	6	11	11	0	30
DEC	4·99	36	2	3	17	9	0	31
J/Y	6·63	55	16	38	77	225	9	365

247/668 POFADDER

1959 ø 29°08'S λ 19°23'E H 996M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	11·61	84	0	0	0	16	15	31
FEB	11·55	88	0	0	1	7	20	28
MAR	10·66	87	0	0	2	5	24	31
APR	9·11	80	0	0	2	13	15	30
MAY	7·93	74	0	0	5	16	10	31
JUN	8·89	86	0	1	0	11	18	30
JUL	8·72	83	0	1	1	6	23	31
AUG	9·24	83	0	0	3	12	16	31
SEP	10·47	88	0	0	1	11	18	30
OCT	10·41	81	0	0	3	10	18	31
NOV	11·83	87	0	1	0	8	21	30
DEC	11·80	85	0	0	2	8	21	31
J/Y	10·18	84	0	3	20	123	219	365

261/307 BLOEMFONTEIN WEERKANTOOR WEATHER OFFICE

1959 ø 29°07'S λ 26°11'E H 1422M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	9·99	73	1	2	2	4	22	31
FEB	9·27	71	0	2	4	9	13	28
MAR	9·37	76	0	0	4	16	11	31
APR	8·75	77	0	3	2	7	18	30
MAY	7·82	73	0	4	2	11	14	31
JUN	8·85	86	1	1	0	4	24	30
JUL	8·35	79	1	1	3	7	19	31
AUG	10·21	92	0	0	0	4	27	31
SEP	10·50	88	0	0	1	10	19	30
OCT	9·55	75	0	0	6	14	11	31
NOV	10·29	76	0	1	4	14	11	30
DEC	9·69	69	0	2	6	8	15	31
J/Y	9·59	78	3	16	34	108	204	365

263/859 MASERU BAS

1959 ø 29°19'S λ 27°29'E H 1528M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	8·96	65	0	3	6	14	8	31
FEB	9·13	69	0	2	4	11	11	28
MAR	8·63	70	0	0	5	18	7	30
APR	8·70	77	0	0	4	11	15	30
MAY	7·69	72	1	1	4	10	15	31
JUN	8·39	81	0	0	2	22	6	30
JUL	7·32	70	1	0	6	18	6	31
AUG	9·49	85	0	0	1	16	13	30
SEP	9·50	80	0	0	4	18	8	30
OCT	9·00	70	0	0	7	14	9	30
NOV	9·77	72	0	1	6	11	12	30
DEC	9·16	65	0	2	6	13	8	29
J/Y	8·81	73	2	9	55	176	118	360

SONSKYN IN URE — SUNSHINE IN HOURS

GEMID DAAGLIKSE DUUR - SS — MEAN DAILY DURATION - SS

268/631 ESTCOURT — LANDBOU AGRIC

1959 ø 29°01'S λ 29°52'E H 1181M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	6·39	46	0	3	13	14	1	31
FEB	6·66	51	0	2	9	16	1	28
MAR	7·97	65	2	1	3	19	6	31
APR	8·40	74	1	1	2	16	10	30
MAY	8·00	75	2	2	3	4	20	31
JUN	9·15	89	0	0	2	4	24	30
JUL	9·41	80	1	0	2	10	18	31
AUG	9·73	88	0	1	1	6	23	31
SEP	8·96	75	0	1	3	14	12	30
OCT	7·71	60	2	2	4	20	3	31
NOV	5·50	40	3	5	10	8	4	30
DEC	6·50	46	1	3	11	14	2	31
J/Y	7·78	64	12	21	63	145	124	365

270/282 MISTLEY

1959 ø 29°12'S λ 30°40'E H 975M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	6·14	45	1	6	9	12	0	28
FEB	6·18	47	2	3	8	15	0	28
MAR	6·49	53	3	2	5	21	0	31
APR	6·25	55	3	1	5	20	0	29
MAY	7·19	67	7	3	7	14	0	31
JUN	5·82	56	1	1	6	22	0	30
JUL	6·40	61	0	0	10	19	2	31
AUG	6·62	60	1	0	7	23	0	31
SEP	7·96	67	3	0	2	24	1	30
OCT	6·55	51	4	0	7	19	0	30
NOV	5·42	40	3	4	8	12	0	27
DEC	5·21	37	6	2	13	10	0	31
J/Y	6·35	52	34	22	87	211	3	357

274/ 34 ALEXANDER BAY — WEERKANTOOR WEATHER OFFICE

1959 ø 28°34'S λ 16°32'E H 21M

	SS	% VAN MAX	NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	10·58	77	0	0	6	11	14	31
FEB	9·61	73	0	0	6	13	9	28
MAR	9·51	78	0	0	2	17	12	31
APR	8·45	74	1	0	5	11	13	30
MAY	6·64	62	0	3	7	14	7	31
JUN	7·68	74	2	1	2	10	15	30
JUL	8·60	82	0	0	4	9	18	31
AUG	8·28	74	0	1	6	7	17	31
SEP	9·29	78	0	1	2	13	14	30
OCT	9·57	75	1	0	3	16	11	31
NOV	10·64	79	0	0	1	17	12	30
DEC	10·33	74	0	1	1	21	8	31
J/Y	9·10	75	4	7	45	159	150	365

290/468 KIMBERLEY — WEERKANTOOR WEATHER OFFICE

1959 ø 28°48'S λ 24°46'E H 1197M

	SS	% OF MAX	NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	9·78	71	0	2	7	9	13	31
FEB	8·83	67	1	3	3	12	9	28
MAR	9·42	77	0	0	6	12	13	31
APR	8·80	77	0	1	3	10	16	30
MAY	8·25	77	1	2	3	8	17	31
JUN	9·03	87	0	1	2	3	24	30
JUL	8·31	79	2	1	2	5	21	31
AUG	10·33	93	0	0	1	3	27	31
SEP	10·39	87	0	0	1	9	20	30
OCT	9·26	72	0	1	3	17	10	31
NOV	10·21	75	0	1	4	13	12	30
DEC	9·59	69	0	3	6	9	13	31
J/Y	9·35	77	4	15	41	110	195	365

293/597 GLEN KOLLEGE — LANDBOU AGRIC

1959 ø 28°57'S λ 26°20'E H 1304M

	SS	% VAN MAX	NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	10·21	74	0	2	6	8	15	31
FEB	9·46	72	1	1	4	9	13	28
MAR	9·29	76	0	0	5	16	10	31
APR	8·87	78	0	1	2	10	17	30
MAY	7·71	72	0	1	5	17	8	31
JUN	8·57	83	0	1	2	8	19	30
JUL	7·97	76	0	2	3	12	14	31
AUG	10·32	93	0	0	0	4	27	31
SEP	10·30	86	0	0	0	11	19	30
OCT	9·51	74	0	0	7	12	12	31
NOV	10·54	78	0	1	4	10	15	30
DEC	10·07	72	0	1	6	13	11	31
J/Y	9·40	78	1	10	44	130	180	365

298/193 OX-BOW — BAS

1959 ø 28°43'S λ 28°37'E H 2590M

	SS	% OF MAX	NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	7·68	56	0	2	10	19	0	31
FEB	7·33	56	1	2	7	18	0	28
MAR	7·66	63	0	0	8	23	0	31
APR	7·10	62	1	3	5	21	0	30
MAY	5·59	52	4	1	7	19	0	31
JUN	6·95	67	1	2	0	26	1	30
JUL	6·31	60	1	2	7	21	0	31
AUG	8·73	79	0	0	2	29	0	31
SEP	8·68	73	0	0	4	26	0	30
OCT	7·28	57	2	0	10	19	0	31
NOV	7·61	56	0	2	9	19	0	30
DEC	7·14	51	2	0	14	15	0	31
J/Y	7·33	61	12	14	83	255	1	365

299/419 DRAKENSBERG — CATHDRL PEAK BOS

1959 ø 28°59'S λ 29°14'E H 1871M

	SS	% VAN MAX	NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	5·79	42	2	3	12	14	0	31
FEB	6·22	47	1	2	10	15	0	28
MAR	6·76	55	1	1	10	15	4	31
APR	8·06	71	0	3	1	17	9	30
MAY	7·84	73	3	2	1	5	20	31
JUN	9·01	87	0	0	2	5	23	30
JUL	8·22	78	0	0	6	8	17	31
AUG	8·87	80	0	1	2	14	14	31
SEP	8·99	75	0	0	5	25	0	30
OCT	7·35	57	1	3	5	19	3	31
NOV	4·75	35	6	2	13	9	0	30
DEC	5·42	39	1	3	16	11	0	31
J/Y	7·27	60	15	20	83	157	90	365

317/476 UPINGTON — WEERKANTOOR WEATHER OFFICE

1959 ø 28°26'S λ 21°16'E H 814M

	SS	% OF MAX	NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	11·77	86	0	0	1	9	21	31
FEB	10·36	80	0	1	2	10	14	27
MAR	10·42	85	0	0	2	9	20	31
APR	9·16	80	0	0	4	8	18	30
MAY	9·13	85	0	0	2	9	20	31
JUN	9·18	89	1	0	0	6	23	30
JUL	8·67	82	0	1	4	4	22	31
AUG	10·02	90	0	0	1	8	22	31
SEP	10·65	90	0	0	2	2	26	30
OCT	10·18	80	0	1	4	8	18	31
NOV	11·45	85	0	1	1	9	19	30
DEC	11·86	85	0	0	3	5	23	31
J/Y	10·24	85	1	4	26	87	246	364

331/520 BETHLEHEM — LANDBOU AGRIC

1959 ø 28°10'S λ 28°18'E H 1631M

	SS	% VAN MAX	NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	8·50	62	0	1	8	15	7	31
FEB	8·63	66	0	1	4	21	2	28
MAR	8·45	69	0	0	5	25	1	31
APR	8·08	71	0	1	6	20	3	30
MAY	7·21	67	4	1	2	15	9	31
JUN	8·26	79	0	0	3	18	9	30
JUL	7·58	72	0	2	4	23	2	31
AUG	9·57	86	0	0	0	14	17	31
SEP	9·65	81	0	0	2	20	8	30
OCT	8·62	68	0	3	3	22	3	31
NOV	8·24	61	1	1	9	15	4	30
DEC	8·80	63	1	1	4	22	3	31
J/Y	8·47	70	5	11	50	230	68	365

362/710 HOOPSTAD — TRONK GAOL

1959 ø 27°50'S λ 25°54'E H 1239M

	SS	% OF MAX	NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	9·56	70	0	2	3	14	12	31
FEB	8·62	66	0	2	4	20	2	28
MAR	8·74	71	0	0	5	20	6	31
APR	9·44	83	0	0	3	11	16	30
MAY	8·52	79	0	1	4	8	18	31
JUN	8·95	86	1	0	1	6	22	30
JUL	8·72	83	0	1	3	9	18	31
AUG	10·50	94	0	0	0	4	27	31
SEP	10·38	87	0	0	0	11	19	30
OCT	8·78	69	0	0	7	17	7	31
NOV	9·43	70	0	0	5	18	7	30
DEC	9·29	67	0	1	6	17	7	31
J/Y	9·24	76	1	7	41	155	161	365

S O N S K Y N I N U R E

GEMID DAAGLIKSE DUUR - SS

S U N S H I N E I N H O U R S

MEAN DAILY DURATION - SS

365/398A KROONSTAD LANDBOU AGRIC

1959 ø 27°38'S λ 27°14'E H 1427M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	9·09	67	0	1	7	15	8	31
FEB	9·57	73	0	2	1	18	7	28
MAR	9·42	77	0	0	4	15	12	31
APR	9·03	79	0	1	3	12	14	30
MAY	7·87	73	0	3	3	7	18	31
JUN	9·11	87	0	0	3	3	24	30
JUL	8·27	78	0	2	5	9	17	31
AUG	(10·26)	92	0	0	0	3	21	24
SEP	-	-	-	-	-	-	-	-
OCT	-	-	-	-	-	-	-	-
NOV	-	-	-	-	-	-	-	-
DEC	-	-	-	-	-	-	-	-
J/Y	-	-	-	-	-	-	-	-

370/765 NEWCASTLE KLOOSTER CONVENT

1959 ø 27°45'S λ 29°56'E H 1199M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	7·38	54	0	3	7	19	2	31
FEB	7·83	60	0	0	10	16	2	28
MAR	6·27	51	1	1	8	21	0	31
APR	6·48	57	1	3	2	24	0	30
MAY	5·52	51	1	2	6	22	0	31
JUN	4·91	47	0	0	15	15	0	30
JUL	5·41	51	0	2	7	22	0	31
AUG	7·31	65	0	0	4	27	0	31
SEP	6·78	57	1	1	4	24	0	30
OCT	7·59	59	1	2	5	21	2	31
NOV	6·56	49	1	1	14	13	1	30
DEC	7·12	51	2	2	10	17	0	31
J/Y	6·60	55	8	17	92	241	7	365

393/778 KURUMAN TRONK GAOL

1959 ø 27°28'S λ 23°26'E H 1312M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	9·93	73	0	1	3	19	8	31
FEB	8·68	67	0	1	6	17	4	28
MAR	8·83	72	0	0	4	23	4	31
APR	7·61	63	1	0	3	26	0	30
MAY	7·11	66	1	0	1	29	0	31
JUN	6·51	62	0	1	3	26	0	30
JUL	7·06	66	1	0	3	27	0	31
AUG	8·50	76	0	0	0	31	0	31
SEP	9·82	82	0	0	0	29	1	30
OCT	10·03	79	0	0	2	22	7	31
NOV	10·15	75	0	0	4	22	4	30
DEC	10·24	74	0	1	5	21	4	31
J/Y	8·71	72	3	4	34	292	32	365

410/203 PONGOLA

1959 ø 27°23'S λ 31°37'E H 300M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	5·83	43	2	7	8	14	0	31
FEB	6·99	54	3	0	10	12	3	28
MAR	7·36	60	1	0	10	17	3	31
APR	7·69	67	0	0	7	7	16	30
MAY	8·52	77	1	3	1	4	22	31
JUN	8·11	78	0	3	1	11	15	30
JUL	7·43	70	2	1	4	12	12	31
AUG	8·14	73	0	5	0	5	17	27
SEP	7·21	60	3	3	2	16	6	30
OCT	6·31	49	4	1	11	11	4	31
NOV	3·62	27	4	8	13	5	0	30
DEC	5·00	36	6	2	9	12	0	29
J/Y	6·83	56	26	33	76	126	98	359

413/158 DIAZ POINT-LUDERITZ BAY SWA*

1957 ø 26°38'S λ 15°06'E H 23M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-
MAR	5·20	42	0	3	16	11	0	30
APR	5·60	49	0	3	11	16	0	30
MAY	6·09	56	1	1	5	23	1	31
JUN	0·55	5	3	24	3	0	0	30
JUL	2·27	21	2	10	17	2	0	31
AUG	5·04	45	4	2	11	12	2	31
SEP	6·42	54	0	0	12	17	0	29
OCT	5·01	39	1	5	14	11	0	31
NOV	1·65	12	3	13	14	0	0	30
DEC	0·78	6	9	16	6	0	0	31
J/Y	-	-	-	-	-	-	-	-

413/158 DIAZ POINT-LUDERITZ BAY SWA*

1958 ø 26°38'S λ 15°06'E H 23M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	3·86	28	1	1	28	1	0	31
FEB	3·14	24	2	4	21	1	0	28
MAR	9·40	77	0	1	2	27	0	30
APR	6·40	56	1	1	12	15	1	30
MAY	3·59	33	1	5	17	8	0	31
JUN	0·55	5	9	15	6	0	0	30
JUL	3·59	34	5	7	13	6	0	31
AUG	3·43	31	1	10	12	8	0	31
SEP	5·19	43	2	6	10	12	0	30
OCT	2·13	17	5	10	13	2	0	30
NOV	2·27	17	1	13	15	1	0	29
DEC	0·56	4	9	18	4	0	0	31
J/Y	3·76	31	36	91	153	81	1	362

413/158 DIAZ POINT-LUDERITZ BAY SWA*

1959 ø 26°38'S λ 15°06'E H 23M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	2·78	20	0	7	23	1	0	31
FEB	2·72	21	3	4	21	0	0	28
MAR	5·64	46	0	0	20	11	0	31
APR	2·87	25	0	7	22	1	0	30
MAY	2·53	23	6	1	22	2	0	31
JUN	1·71	16	7	8	15	0	0	30
JUL	3·53	33	0	2	28	1	0	31
AUG	3·60	32	2	4	18	7	0	31
SEP	7·19	60	0	2	5	18	1	26
OCT	6·32	50	1	2	11	17	0	31
NOV	7·36	55	0	1	6	23	0	30
DEC	4·69	34	0	1	25	5	0	31
J/Y	4·25	35	19	39	216	86	1	361

419/184 KEETMANSHOOP SWA WEERKANTOOR WEATHER OFFICE

1959 ø 26°34'S λ 18°07'E H 1066M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	11·66	86	0	0	0	16	15	31
FEB	10·91	84	0	0	1	13	14	28
MAR	10·69	87	0	0	1	12	18	31
APR	10·17	89	0	0	2	6	22	30
MAY	9·90	91	0	0	1	6	24	31
JUN	9·39	89	0	0	2	6	22	30
JUL	10·10	95	0	0	0	3	28	31
AUG	10·24	91	0	0	2	4	25	31
SEP	10·82	91	0	0	1	4	25	30
OCT	11·12	87	0	0	1	9	21	31
NOV	11·64	87	0	0	1	9	20	30
DEC	12·53	91	0	0	1	6	24	31
J/Y	10·76	89	0	0	13	94	258	365

432/237 ARMOEDSVLAKTE LANDBOU AGRIC

1959 ø 26°57'S λ 24°38'E H 1234M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	10·21	75	0	1	4	14	10	29
FEB	9·08	70	0	0	6	11	8	25
MAR	8·62	70	0	1	4	14	11	30
APR	9·50	83	0	0	3	10	13	26
MAY	9·15	85	0	1	1	7	19	28
JUN	8·55	82	0	2	1	7	17	27
JUL	8·86	83	1	0	2	9	19	31
AUG	10·60	95	0	0	0	1	30	31
SEP	10·62	89	0	0	0	11	19	30
OCT	9·96	78	0	0	3	17	11	31
NOV	10·24	76	0	0	5	12	13	30
DEC	10·45	76	0	1	5	9	16	31
J/Y	9·65	80	1	6	34	122	186	349

457/134 POTCHEFSTROOM LANDBOU AGRIC

1959 ø 26°44'S λ 27°05'E H 1345M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	9·42	69	0	2	6	16	7	31
FEB	9·69	75	0	1	2	18	7	28
MAR	8·79	72	0	0	6	16	9	31
APR	8·99	78	0	1	1	17	11	30
MAY	7·68	71	1	2	3	16	9	31
JUN	8·60	82	0	0	2	23	5	30
JUL	8·12	75	1	0	3	17	10	31
AUG	10·05	90	0	0	0	11	20	31
SEP	9·83	81	0	0	1	18	11	30
OCT	9·32	73	0	0	5	19	7	31
NOV	8·91	66	0	2	5	17	6	30
DEC	9·25	67	1	1	4	19	6	31
J/Y	9·05	75	3	9	38	207	108	365

*L.W. Data vir 1957 en 1958 ook ingesluit.

*N.B. Data for 1957 and 1958 also included.

S O N S K Y N I N U R E

GEMID DAAGLIKSE DUUR - SS

S U N S H I N E I N H O U R S

MEAN DAILY DURATION - SS

442/811 NOOITGEDACHT ERMELO — LANDBOU AGRIC

1959 ø 26°31' S λ 29°58' E H 1694M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	7·32	54	0	3	8	20	0	31
FEB	8·16	63	0	0	6	22	0	28
MAR	7·90	64	1	1	5	23	1	31
APR	8·15	71	0	0	6	20	4	30
MAY	8·10	75	1	0	4	20	6	31
JUN	8·63	82	0	0	1	25	4	30
JUL	7·26	68	0	1	6	22	2	31
AUG	9·19	82	0	0	2	19	10	31
SEP	8·69	73	0	1	2	22	5	30
OCT	7·93	62	0	2	6	22	1	31
NOV	6·70	50	1	1	10	18	0	30
DEC	4·13	30	4	1	24	1	0	30
J/Y	7·68	63	7	10	80	234	33	364

444/540 PIET RETIEF

1959 ø 27°00' S λ 30°48' E H 1239M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	6·16	45	2	4	11	9	2	28
FEB	7·62	58	2	0	9	15	2	28
MAR	8·10	66	2	0	6	17	6	31
APR	7·81	68	0	0	5	21	3	29
MAY	8·32	77	3	0	2	6	20	31
JUN	8·75	83	0	0	3	8	19	30
JUL	7·38	69	2	1	6	8	14	31
AUG	8·87	79	1	0	2	12	15	30
SEP	8·15	68	2	1	3	21	0	27
OCT	7·48	59	3	1	5	19	3	31
NOV	5·71	42	2	2	15	10	1	30
DEC	6·01	43	4	2	11	14	0	31
J/Y	7·53	62	23	11	78	160	85	357

464/783 TSABONG — BECH

1959 ø 26°03' S λ 22°27' E H 960M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	10·74	79	0	0	3	15	13	31
FEB	10·21	80	0	1	3	12	12	28
MAR	10·10	83	0	0	3	28	0	31
APR	9·51	83	0	0	4	6	20	30
MAY	10·10	93	0	0	1	4	26	31
JUN	9·51	90	0	0	1	5	24	30
JUL	9·18	86	0	0	2	7	22	31
AUG	10·52	94	0	0	0	0	31	31
SEP	10·85	91	0	0	0	7	23	30
OCT	10·84	85	0	0	1	13	17	31
NOV	10·96	82	0	0	3	12	15	30
DEC	10·82	80	0	0	6	10	15	31
J/Y	10·28	85	0	1	27	119	218	365

476/154 FRANKENWALD

1959 ø 26°04' S λ 28°06' E H 1509M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	8·05	59	1	1	7	17	5	31
FEB	8·73	67	0	1	4	20	3	28
MAR	8·93	74	1	0	4	14	12	31
APR	8·77	76	1	0	3	13	13	30
MAY	8·59	79	1	1	2	12	15	31
JUN	8·54	81	0	1	0	22	7	30
JUL	8·19	77	1	0	4	16	9	30
AUG	9·96	89	0	0	1	10	20	31
SEP	9·63	81	1	0	1	15	13	30
OCT	8·70	69	0	0	8	14	8	30
NOV	8·58	65	0	0	7	16	4	27
DEC	7·91	58	3	0	8	15	5	31
J/Y	8·71	72	9	4	49	184	114	360

476/398 JAN SMUTS — WEERKANTOOR WEATHER OFFICE

1959 ø 26°08' S λ 28°14' E H 1694M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	8·30	61	1	1	7	16	6	31
FEB	8·74	67	0	1	3	21	3	28
MAR	8·52	70	1	0	7	14	9	31
APR	8·65	75	0	1	3	15	11	30
MAY	8·96	82	0	2	2	5	22	31
JUN	9·31	88	0	1	0	7	22	30
JUL	8·54	80	0	1	4	9	17	31
AUG	10·24	91	0	0	0	5	26	31
SEP	9·82	82	0	0	1	12	17	30
OCT	9·10	72	0	0	5	19	7	31
NOV	8·15	61	1	0	9	13	7	30
DEC	7·87	57	2	1	10	14	4	31
J/Y	8·85	73	5	8	51	150	151	365

480/184A CAROLINA — TRONK GAOL

1959 ø 26°04' S λ 30°07' E H 1698M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	7·43	55	1	2	9	16	3	31
FEB	8·64	67	0	0	6	21	1	28
MAR	7·99	65	1	2	5	15	5	28
APR	8·18	71	0	0	5	19	6	30
MAY	8·39	77	0	1	4	18	8	31
JUN	8·68	82	0	0	2	19	9	30
JUL	8·07	76	1	0	3	15	12	31
AUG	9·76	87	0	0	2	12	17	31
SEP	9·34	78	0	1	0	16	11	28
OCT	8·40	66	0	1	5	18	7	31
NOV	8·00	60	1	1	8	17	3	30
DEC	7·70	56	2	1	8	18	2	31
J/Y	8·38	69	6	9	57	204	84	360

482/689 BREMERSDORP MANZINI — SWAZ

81959 ø 26°29' S λ 31°23' E H 599M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	5·22	38	2	6	11	12	0	31
FEB	6·55	50	2	1	10	15	0	28
MAR	5·96	49	2	1	11	17	0	31
APR	6·77	59	0	1	6	23	0	30
MAY	7·25	67	0	2	4	25	0	31
JUN	7·45	71	0	0	4	26	0	30
JUL	6·39	60	0	1	9	21	0	31
AUG	7·91	71	0	1	3	23	0	27
SEP	6·70	56	0	5	4	20	1	30
OCT	6·25	49	2	3	8	17	1	31
NOV	4·55	36	3	3	16	8	0	30
DEC	6·34	46	3	3	7	17	1	31
J/Y	6·45	53	14	27	93	224	3	361

508/232 MAFEKING — WEERKANTOOR WEATHER OFFICE

1959 ø 25°52' S λ 25°38' E H 1277M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	9·89	73	0	2	2	17	10	31
FEB	10·57	81	0	0	1	17	10	28
MAR	8·94	73	0	0	6	14	11	31
APR	9·18	80	0	0	2	16	12	30
MAY	8·56	77	0	2	1	11	17	31
JUN	9·17	87	0	1	0	8	21	30
JUL	8·88	83	0	1	1	8	21	31
AUG	10·53	94	0	0	0	2	29	31
SEP	10·64	90	0	0	0	6	24	30
OCT	10·00	79	0	0	5	12	14	31
NOV	9·65	72	0	1	5	14	10	30
DEC	9·78	71	0	2	2	19	8	31
J/Y	9·63	80	0	9	25	144	187	365

511/523 RUSTENBURG — LANDBOU AGRIC

1959 ø 25°43' S λ 27°18' E H 1157M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	8·68	64	0	1	8	16	6	31
FEB	9·09	70	0	1	2	21	4	28
MAR	9·42	77	0	2	3	8	18	31
APR	8·77	76	0	1	4	10	14	29
MAY	9·07	83	1	1	1	5	23	31
JUN	9·18	87	0	0	3	3	24	30
JUL	8·85	83	0	0	4	7	20	31
AUG	10·45	93	0	0	1	3	27	31
SEP	10·36	87	0	0	1	8	21	30
OCT	9·31	73	0	1	4	16	10	31
NOV	8·51	64	0	0	8	16	6	30
DEC	7·49	55	1	3	10	9	7	30
J/Y	9·10	75	2	10	49	122	180	363

513/165 PRETORIA — CORUNDUM OBS

1959 ø 25°45' S λ 28°07' E H 1356M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	8·38	62	1	1	7	16	6	31
FEB	9·27	71	0	1	2	20	5	28
MAR	8·97	73	1	1	4	18	7	31
APR	8·97	78	1	0	2	15	12	30
MAY	8·88	82	1	0	2	8	20	31
JUN	8·83	83	0	1	0	21	8	30
JUL	8·56	80	1	0	1	16	13	31
AUG	9·81	87	0	0	1	6	24	31
SEP	–	–	–	–	–	–	–	–
OCT	9·49	75	0	0	4	19	8	31
NOV	8·81	66	0	0	9	12	9	30
DEC	7·90	59	1	1	12	10	7	31
J/Y	–	–	–	–	–	–	–	–

S O N S K Y N I N U R E

GEMID DAAGLIKSE DUUR - SS

S U N S H I N E I N H O U R S

MEAN DAILY DURATION - SS

513/309 ONDERSTEPOORT VET

1959 ø 25°39' S λ 28°11' E H 1219M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	8·41	72	0	1	6	18	6	31
FEB	9·36	72	0	0	4	22	1	27
MAR	8·10	66	2	0	1	20	5	28
APR	8·22	71	0	1	2	21	6	30
MAY	7·71	71	1	0	2	28	0	31
JUN	9·17	87	0	0	1	8	21	30
JUL	7·51	71	0	1	2	28	0	31
AUG	8·55	76	0	0	0	29	1	30
SEP	9·55	79	0	0	1	27	1	29
OCT	9·24	73	0	0	4	22	3	29
NOV	8·39	63	0	0	7	17	4	28
DEC	7·65	56	1	0	12	12	3	28
J/Y	8·49	70	4	3	42	252	51	352

513/405A PRETORIA WEERBURO WEATHER BUREAU

1959 ø 25°45' S λ 28°14' E H 1369M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	8·40	62	0	2	7	15	7	31
FEB	9·33	72	0	1	2	23	2	28
MAR	9·25	76	1	1	3	14	12	31
APR	9·27	81	1	0	2	13	14	30
MAY	9·03	83	0	1	2	5	23	31
JUN	9·26	87	0	0	1	7	22	30
JUL	8·86	83	0	2	1	10	18	31
AUG	10·11	90	0	0	0	5	26	31
SEP	10·19	85	0	0	1	11	18	30
OCT	9·70	76	0	1	4	12	14	31
NOV	8·78	66	0	0	10	11	9	30
DEC	8·06	59	0	2	12	10	7	31
J/Y	9·19	76	2	10	45	136	172	365

513/605 ROODEPLAAT LANDBOU AGRIC

1959 ø 25°35' S λ 28°21' E H 1164M

	SS	% VAN MAX	NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	8·58	63	0	2	7	15	7	31
FEB	9·68	75	0	1	2	14	11	28
MAR	9·40	80	1	1	1	14	14	31
APR	9·61	84	1	0	2	13	14	30
MAY	9·19	84	1	0	2	4	24	31
JUN	9·45	90	0	1	0	4	25	30
JUL	8·96	84	0	1	1	10	19	31
AUG	10·09	89	0	0	1	3	27	31
SEP	10·21	88	0	0	1	10	19	30
OCT	9·92	78	0	0	5	13	13	31
NOV	9·10	70	0	1	8	14	7	30
DEC	8·09	60	1	2	11	9	8	31
J/Y	9·35	77	4	9	41	123	188	365

519/ 17 BARBERTON LANDBOU AGRIC

1959 ø 25°47' S λ 31°01' E H 772M

	SS	% OF MAX	NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	5·30	39	0	4	16	11	0	31
FEB	6·96	54	0	1	11	15	0	27
MAR	6·67	55	3	1	6	18	3	31
APR	6·86	60	1	1	4	21	2	29
MAY	8·14	75	0	2	2	25	2	31
JUN	8·47	80	0	0	2	24	3	29
JUL	-	-	-	-	-	-	-	-
AUG	8·97	80	0	0	2	18	11	31
SEP	7·97	67	2	1	4	22	1	30
OCT	6·99	55	3	1	7	19	1	31
NOV	4·84	36	3	2	17	8	0	30
DEC	5·57	41	2	4	11	13	0	30
J/Y	-	-	-	-	-	-	-	-

555/837 NELSPRUIT LANDBOU AGRIC

1959 ø 25°27' S λ 30°58' E H 668M

	SS	% VAN MAX	NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	5·28	39	0	6	14	10	1	31
FEB	7·15	55	0	0	14	13	1	28
MAR	6·90	56	1	2	7	18	3	31
APR	7·31	64	0	0	7	18	5	30
MAY	8·09	74	0	2	4	19	6	31
JUN	8·09	76	0	0	3	27	0	30
JUL	7·50	70	0	2	4	25	0	31
AUG	8·71	77	0	2	1	14	13	30
SEP	7·95	67	2	2	2	17	7	30
OCT	6·07	48	3	2	10	15	1	31
NOV	4·86	36	2	3	16	8	1	30
DEC	5·47	40	4	2	10	14	1	31
J/Y	6·95	57	12	23	92	198	39	364

584/730 GABERONES BECH

1959 ø 24°40' S λ 25°55' E H 983M

	SS	% OF MAX	NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	8·79	65	0	2	6	17	6	31
FEB	9·98	85	0	0	2	19	7	28
MAR	8·71	71	0	3	4	11	13	31
APR	9·18	80	0	0	2	15	13	30
MAY	9·35	85	1	0	1	7	22	31
JUN	9·13	86	0	0	1	15	14	30
JUL	7·95	64	0	1	4	9	12	26
AUG	10·45	92	0	0	0	4	21	25
SEP	10·46	88	0	0	1	7	22	30
OCT	10·21	81	0	0	2	15	14	31
NOV	10·01	75	0	0	4	17	9	30
DEC	9·46	70	0	2	4	17	8	31
J/Y	9·47	78	1	8	31	153	161	354

589/594 TOWOOMBA LANDBOU AGRIC

1959 ø 24°54' S λ 28°20' E H 1139M

	SS	% VAN MAX	NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	8·38	62	0	2	6	15	8	31
FEB	8·85	68	0	2	4	18	4	28
MAR	8·68	71	2	1	3	17	7	30
APR	9·30	81	0	0	2	16	11	29
MAY	8·43	77	0	2	2	10	17	31
JUN	8·87	83	0	0	2	12	16	30
JUL	8·21	76	0	1	3	15	11	30
AUG	9·75	87	0	0	1	10	20	31
SEP	10·22	85	0	1	0	9	20	30
OCT	9·32	73	0	0	4	20	7	31
NOV	8·76	66	0	0	8	15	7	30
DEC	8·37	61	1	1	9	14	6	31
J/Y	8·93	74	3	10	44	171	134	362

590/550A AMSTERDAM CRECY

1959 ø 24°40' S λ 28°49' E H 1036M

	SS	% OF MAX	NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	8·03	60	0	4	5	18	3	30
FEB	8·59	66	0	3	5	13	7	28
MAR	8·53	70	3	0	4	13	11	31
APR	8·91	77	0	0	3	21	6	30
MAY	8·82	81	0	1	3	9	18	31
JUN	8·90	84	0	0	2	23	5	30
JUL	7·95	74	0	3	2	15	11	31
AUG	10·00	89	0	0	2	2	27	31
SEP	10·02	84	0	1	2	6	21	30
OCT	8·84	70	0	0	6	19	6	31
NOV	8·10	61	0	0	12	12	6	30
DEC	7·25	53	3	2	8	17	1	31
J/Y	8·66	72	6	14	54	168	122	364

594/387 GROOTFONTEINBERG

1959 ø 24°57' S λ 30°43' E H 1644M

	SS	% VAN MAX	NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	4·21	31	4	4	15	8	0	31
FEB	5·81	45	1	1	14	12	0	28
MAR	6·37	52	4	2	5	20	0	31
APR	7·43	65	1	0	5	22	0	28
MAY	8·15	75	1	2	3	22	3	31
JUN	8·47	80	0	0	2	28	0	30
JUL	7·65	71	0	2	3	24	2	31
AUG	8·24	73	2	1	0	27	1	31
SEP	7·83	65	3	1	2	24	0	30
OCT	6·11	48	0	4	12	15	0	31
NOV	4·58	34	3	4	13	10	0	30
DEC	4·49	33	6	0	15	10	0	31
J/Y	6·61	55	25	21	89	222	6	363

595/ 32 FLEUR DE LYS

1959 ø 24°32' S λ 31°02' E H 622M

	SS	% OF MAX	NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	6·54	49	4	0	12	13	2	31
FEB	7·67	59	0	1	9	14	4	28
MAR	7·56	62	0	2	6	19	4	31
APR	7·76	67	0	0	8	15	7	30
MAY	8·71	79	1	1	2	10	17	31
JUN	8·70	82	0	0	3	8	19	30
JUL	7·94	74	0	2	3	11	15	-
AUG	9·00	80	1	2	1	6	21	31
SEP	8·45	71	1	2	4	8	15	30
OCT	6·69	53	2	3	7	17	1	30
NOV	6·49	49	1	4	10	12	3	30
DEC	5·98	44	5	0	12	13	1	31
J/Y	7·62	63	15	17	77	146	109	364

S O N S K Y N I N U R E

GEMID DAAGLIKSE DUUR - SS

S U N S H I N E I N H O U R S

MEAN DAILY DURATION - SS

619/661 TSANE BECH

1959 ø 24°01'S λ 21°53'E H 1118M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	9·79	73	0	0	5	13	11	29
FEB	10·81	84	0	0	1	16	11	28
MAR	9·26	76	0	0	5	11	12	28
APR	9·48	82	0	0	1	12	17	30
MAY	10·12	92	0	0	0	5	25	30
JUN	(9·62)	90	0	0	1	5	17	23
JUL	9·08	84	0	1	2	5	21	29
AUG	10·49	93	0	0	0	5	26	31
SEP	10·90	91	0	0	0	4	26	30
OCT	10·92	86	0	0	1	11	19	31
NOV	9·70	73	0	1	4	13	12	30
DEC	10·67	78	0	0	2	18	11	31
J/Y	(10·07)	83	0	2	22	118	208	350

631/791 GROENDRAAI

1959 ø 24°11'S λ 27°57'E H 1030M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	7·93	59	0	1	11	14	5	31
FEB	8·91	69	0	2	3	17	6	28
MAR	8·49	69	2	2	4	6	17	31
APR	9·00	78	0	0	2	19	9	30
MAY	9·26	84	0	1	2	8	20	31
JUN	8·85	83	0	0	2	17	11	30
JUL	7·69	71	2	2	2	11	14	31
AUG	10·06	88	0	1	1	3	26	31
SEP	10·44	87	0	0	2	5	23	30
OCT	8·87	70	0	0	6	16	9	31
NOV	9·17	69	0	1	7	11	11	30
DEC	7·75	58	2	2	6	15	6	31
J/Y	8·87	73	6	12	48	142	157	365

634/ 11 POTGIETERSRUS

1959 ø 24°11'S λ 29°01'E H 1116M

	SS	% VAN MAX	NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	7·87	59	1	1	8	18	3	31
FEB	8·91	69	0	1	6	10	11	28
MAR	8·40	69	2	1	4	12	12	31
APR	8·92	77	0	0	2	18	10	30
MAY	8·98	82	0	1	4	2	24	31
JUN	9·11	85	0	0	0	9	20	29
JUL	7·53	69	1	1	7	7	15	31
AUG	9·88	87	0	0	2	2	27	31
SEP	10·34	86	0	0	3	7	20	30
OCT	9·01	71	0	1	5	18	7	31
NOV	8·32	63	0	1	10	11	8	30
DEC	7·76	57	1	4	5	16	5	31
J/Y	8·75	72	5	11	56	130	162	364

677/802 PIETERSBURG WEERKANTOOR WEATHER OFFICE

1959 ø 23°52'S λ 29°27'E H 1230M

	SS	% OF MAX	NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	6·95	52	1	1	12	16	1	31
FEB	7·77	60	0	1	8	14	5	28
MAR	7·66	63	2	1	6	17	5	31
APR	8·38	73	1	0	1	23	5	30
MAY	9·05	82	0	1	4	4	22	31
JUN	8·28	77	0	1	3	9	17	30
JUL	7·21	67	2	2	5	8	14	31
AUG	9·58	85	0	0	3	8	20	31
SEP	9·48	79	0	0	2	14	14	30
OCT	8·14	64	0	2	7	16	6	31
NOV	7·75	58	0	3	11	10	6	30
DEC	6·74	49	3	2	8	16	2	31
J/Y	8·08	67	9	14	70	155	117	365

681/209 PHALABORWA

1959 ø 23°59'S λ 31°07'E H 398M

	SS	% VAN MAX	NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	6·56	49	1	0	14	14	2	31
FEB	8·08	63	0	0	7	17	4	28
MAR	6·88	56	0	2	9	15	4	30
APR	6·33	55	2	2	7	15	1	27
MAY	8·47	77	1	0	3	20	7	31
JUN	8·20	77	0	1	3	14	12	30
JUL	7·29	67	0	2	5	23	1	31
AUG	8·58	76	1	1	4	13	12	31
SEP	8·70	73	0	4	2	23	1	30
OCT	7·47	59	2	2	4	21	2	31
NOV	7·11	52	2	1	10	13	4	30
DEC	6·54	48	4	2	7	13	2	28
J/Y	7·52	62	13	17	75	201	52	358

719/370 MARNITZ

1959 ø 23°10'S λ 28°13'E H 932M

	SS	% OF MAX	NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	7·19	54	0	4	8	15	4	31
FEB	8·16	63	0	1	8	16	1	26
MAR	8·15	67	2	1	5	17	5	30
APR	9·58	83	0	0	2	17	11	30
MAY	9·55	87	0	0	2	7	22	31
JUN	8·44	79	1	1	1	9	18	30
JUL	7·75	71	1	1	5	9	14	30
AUG	10·32	91	0	0	1	3	27	31
SEP	9·75	81	0	0	1	23	6	30
OCT	9·02	71	0	0	4	26	1	31
NOV	8·89	67	0	0	9	10	11	30
DEC	7·36	54	1	1	12	16	1	31
J/Y	8·68	72	5	9	58	168	121	361

722/ 99 MARA LANDBOU AGRIC

1959 ø 23°09'S λ 29°34'E H 894M

	SS	% VAN MAX	NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	-	-	-	-	-	-	-	-
FEB	-	-	-	-	-	-	-	-
MAR	7·41	61	3	1	5	20	2	31
APR	-	-	-	-	-	-	-	-
MAY	9·38	85	0	0	0	10	21	31
JUN	8·42	78	1	1	2	11	15	30
JUL	7·46	69	1	2	7	7	14	31
AUG	9·19	81	0	2	1	7	21	31
SEP	9·16	77	1	0	4	11	14	30
OCT	8·07	64	1	3	4	20	3	31
NOV	7·72	58	2	0	10	10	8	30
DEC	6·21	46	3	3	11	11	3	31
J/Y	-	-	-	-	-	-	-	-

740/154 WINDHOEK SWA WEERKANTOOR WEATHER OFFICE

1959 ø 22°34'S λ 17°06'E H 1728M

	SS	% OF MAX	NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	9·82	74	0	0	7	11	13	31
FEB	8·01	62	0	0	11	10	7	28
MAR	8·32	68	0	0	6	19	6	31
APR	9·17	79	0	1	1	15	13	30
MAY	10·37	94	0	0	1	1	29	31
JUN	9·58	89	0	0	0	10	20	30
JUL	10·33	95	0	0	0	1	30	31
AUG	10·62	93	0	0	0	4	27	31
SEP	9·89	83	0	0	4	7	19	30
OCT	10·23	81	0	0	5	9	17	31
NOV	9·67	73	0	1	5	12	12	30
DEC	10·66	79	0	0	3	16	12	31
J/Y	9·72	83	0	2	43	115	205	365

810/ 80 MESSINA

1959 ø 22°20'S λ 30°03'E H 538M

	SS	% VAN MAX	NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	7·73	58	0	2	9	20	0	31
FEB	9·59	75	0	0	5	13	10	28
MAR	7·67	63	1	2	6	15	7	31
APR	8·23	71	0	0	5	18	7	30
MAY	9·20	83	0	0	3	8	20	31
JUN	7·52	70	1	1	4	24	0	30
JUL	6·97	64	1	1	8	13	8	31
AUG	7·97	70	0	1	2	13	15	31
SEP	9·37	78	0	1	2	21	6	30
OCT	9·00	71	0	2	4	21	4	31
NOV	8·35	63	1	1	5	18	5	30
DEC	7·31	54	1	2	9	18	1	31
J/Y	8·24	68	5	13	62	202	83	365

838/252 GHANZI BECH

1959 ø 21°42'S λ 21°39'E H 1131M

	SS	% OF MAX	NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	9·46	71	0	1	5	15	10	31
FEB	10·71	83	0	0	2	11	15	28
MAR	8·48	70	0	2	5	11	13	31
APR	8·64	75	1	0	4	17	8	30
MAY	10·66	96	0	0	0	3	28	31
JUN	10·05	92	0	0	1	5	23	29
JUL	9·51	87	1	0	1	5	20	27
AUG	10·88	95	0	0	0	2	29	31
SEP	10·93	91	0	0	0	5	25	31
OCT	10·28	82	0	0	2	18	11	31
NOV	9·76	75	0	0	4	15	11	30
DEC	9·12	69	0	0	5	19	7	31
J/Y	9·87	81	2	3	29	126	200	360

S O N S K Y N I N U R E

GEMID DAAGLIKSE DUUR - SS

S U N S H I N E I N H O U R S

MEAN DAILY DURATION - SS

893/883 FRANCISTOWN BECH

1959 ø 21°13'S λ 27°30'E H 1007M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	7·06	53	0	2	12	12	4	30
FEB	8·81	69	0	3	4	10	11	28
MAR	8·09	66	2	1	4	13	11	31
APR	9·67	83	0	0	2	13	15	30
MAY	9·80	88	0	0	4	1	26	31
JUN	9·64	89	0	1	1	4	24	30
JUL	7·56	68	1	1	7	9	13	31
AUG	9·95	87	1	0	1	4	25	31
SEP	10·41	87	0	0	1	9	20	30
OCT	10·14	81	0	0	2	13	16	31
NOV	9·11	69	1	0	4	17	8	30
DEC	6·56	50	2	1	12	15	1	31
J/Y	8·90	73	7	9	54	120	174	364

1020/749 MAUN BECH WEERKANTOOR WEATHER OFFICE

1959 ø 19°59'S λ 23°25'E H 945M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	7·37	56	2	3	7	13	6	31
FEB	10·12	80	0	1	4	7	16	28
MAR	7·30	60	2	3	8	7	11	31
APR	9·33	80	0	1	2	13	14	30
MAY	10·13	91	0	0	2	3	26	31
JUN	10·04	92	0	0	1	4	25	30
JUL	8·59	78	0	2	1	13	15	31
AUG	10·97	96	0	0	0	2	29	31
SEP	10·80	90	0	0	0	8	22	30
OCT	10·53	86	0	0	1	19	11	31
NOV	9·60	73	0	1	3	16	10	30
DEC	6·44	48	0	3	12	14	2	31
J/Y	9·27	77	4	14	41	119	187	365

1161/622 SHAKAWE BECH

1959 ø 18°22'S λ 21°51'E H 1002M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	-	-	-	-	-	-	-	
FEB	-	-	-	-	-	-	-	
MAR	-	-	-	-	-	-	-	
APR	-	-	-	-	-	-	-	
MAY	9·86	88	1	0	2	3	25	31
JUN	9·62	87	0	0	0	11	19	30
JUL	8·85	79	0	0	4	15	12	31
AUG	10·73	93	0	0	0	2	29	31
SEP	10·74	90	0	0	0	7	23	30
OCT	10·40	83	0	0	1	18	12	31
NOV	9·01	70	0	0	7	18	5	30
DEC	5·48	41	1	3	15	11	1	31
J/Y	-	-	-	-	-	-	-	-

0/543 TRISTAN DA CUNHA WEERKANTOOR WEATHER OFFICE

1959 ø 37°03'S λ 12°19'W H 23M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	3·69	26	8	6	8	9	0	31
FEB	6·33	47	2	5	6	15	0	28
MAR	4·84	39	3	6	9	13	0	31
APR	4·32	39	6	2	10	12	0	30
MAY	4·39	43	5	2	9	15	0	31
JUN	2·86	30	10	2	10	8	0	30
JUL	3·43	35	6	5	9	11	0	31
AUG	2·52	24	11	6	6	8	0	31
SEP	3·30	28	7	4	10	9	0	30
OCT	3·39	26	9	4	11	7	0	31
NOV	2·75	20	7	5	14	4	0	30
DEC	2·46	16	10	9	9	3	0	31
J/Y	3·69	30	84	56	111	114	0	365

0/653 MARION WEERKANTOOR WEATHER OFFICE

1959 ø 46°53'S λ 37°52'E H 23M

	SS	% VAN MAX	AANTAL DAE MET % VAN MOONTLIKE NIL	1-10	11-49	50-89	90-100	TOT DAE
JAN	4·59	30	5	6	13	5	2	31
FEB	3·75	27	7	4	12	4	0	27
MAR	4·00	32	7	4	9	11	0	31
APR	2·33	22	9	6	9	6	0	30
MAY	1·35	15	14	4	11	2	0	31
JUN	1·46	17	10	8	8	4	0	30
JUL	2·13	24	10	7	6	8	0	31
AUG	2·59	25	10	4	10	7	0	31
SEP	2·39	20	9	7	9	5	0	30
OCT	4·99	37	4	2	15	8	2	31
NOV	5·23	35	5	3	12	10	0	30
DEC	3·85	24	6	4	17	4	0	31
J/Y	3·22	27	96	59	131	74	4	364

0/709 GOUGH WEERKANTOOR WEATHER OFFICE

1959 ø 40°19'S λ 09°54'W H 5M

	SS	% OF MAX	NUMBER OF DAYS WITH % OF POSSIBLE NIL	1-10	11-49	50-89	90-100	TOT DAYS
JAN	5·96	41	2	5	10	14	0	31
FEB	6·59	48	2	2	12	12	0	28
MAR	4·15	34	2	4	16	9	0	31
APR	2·05	19	9	4	16	1	0	30
MAY	0·53	5	12	10	9	0	0	31
JUN	0·25	3	23	1	6	0	0	30
JUL	0·46	5	19	5	7	0	0	31
AUG	1·06	10	14	5	12	0	0	31
SEP	1·93	16	12	7	7	4	0	30
OCT	2·50	19	9	7	13	2	0	31
NOV	3·62	25	6	2	20	2	0	30
DEC	3·73	25	5	6	15	5	0	31
J/Y	2·74	23	115	58	143	49	0	365

DAAGLIKSE WAARDES VAN TOTALE-1- EN DIFFUSE-2- STRALING

IN GM KAL PER VK CM

DAILY VALUES OF TOTAL-1- AND DIFFUSE-2- RADIATION

IN GM CAL PER SQ CM

21/178 D F MALAN WEERKANTOOR / WEATHER OFFICE

ø 33°58'S λ 18°36'E H 44M 1959

D	EL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1	768	705	642	499	328	182	285	205	458	462	612	775
1	2	167	144	63	66	129	113	40	188	47	319	212	92
2	1	815	731	632	430	132	159	283	338	458	425	722	694
2	2	90	84	71	191	125	110	40	38	48	339	64	196
3	1	786	740	559	114	344	312	240	342	454	475	695	437
3	2	90	82	194	108	91	40	86	36	66	276	104	304
4	1	540	737	334	422	358	294	293	181	310	483	721	558
4	2	315	78	244	161	39	33	30	128	243	168	89	295
5	1	794	722	541	431	362	135	280	178	439	509	710	794
5	2	105	108	178	93	58	125	35	171	103	189	146	106
6	1	798	740	534	454	119	287	282	176	384	610	729	798
6	2	91	93	312	106	109	65	41	89	116	62	82	90
7	1	807	734	153	311	119	171	111	275	292	615	709	794
7	2	91	84	141	140	106	121	99	106	149	67	171	91
8	1	776	730	368	340	362	187	306	205	260	529	713	717
8	2	74	100	182	175	141	114	40	143	181	156	88	156
9	1	395	693	618	233	82	175	287	355	450	405	682	676
9	2	285	101	100	189	72	125	48	44	121	-	223	298
10	1	782	712	607	462	168	260	231	356	496	613	722	716
10	2	100	118	68	47	109	80	132	44	51	92	94	164
11	1	457	681	607	83	281	287	255	234	115	619	711	679
11	2	284	102	62	76	98	39	86	100	111	105	89	247
12	1	620	229	586	339	234	280	183	95	385	619	694	793
12	2	257	188	64	125	140	50	100	93	136	70	124	105
13	1	745	367	586	453	134	290	173	233	493	590	508	657
13	2	139	258	70	46	109	42	142	173	95	105	240	224
14	1	786	696	553	460	201	213	272	156	290	568	702	717
14	2	84	91	71	48	92	114	91	133	244	229	144	130
15	1	780	693	552	396	353	200	299	247	446	435	745	773
15	2	92	78	80	95	41	106	35	111	162	254	95	74
16	1	544	685	241	428	347	274	295	304	453	424	726	331
16	2	267	94	190	55	34	55	33	96	118	296	85	266
17	1	760	688	583	400	335	202	241	223	510	453	650	454
17	2	107	80	69	69	31	121	104	159	95	254	175	397
18	1	783	699	473	99	337	274	267	395	416	571	666	617
18	2	93	75	166	96	45	55	54	50	219	220	234	258
19	1	775	471	566	362	108	263	305	394	280	579	765	795
19	2	109	183	70	152	101	64	41	42	221	208	91	82
20	1	767	699	535	297	64	125	321	388	320	622	766	765
20	2	144	79	105	236	51	111	33	50	239	122	79	117
21	1	784	652	563	391	250	134	277	403	449	559	771	555
21	2	95	109	60	116	114	111	101	51	169	164	80	328
22	1	768	674	547	417	279	267	223	393	547	489	745	800
22	2	85	99	99	49	118	45	117	61	68	205	96	88
23	1	753	664	560	408	227	116	233	389	542	666	725	806
23	2	89	87	63	49	154	94	112	66	67	139	152	84
24	1	680	639	540	382	136	247	271	320	498	679	740	799
24	2	196	139	64	110	127	80	91	121	146	73	117	89
25	1	719	631	514	347	156	276	317	407	401	677	766	709
25	2	234	83	79	87	125	75	44	66	238	72	78	279
26	1	744	261	522	389	181	302	332	398	544	398	717	238
26	2	110	230	74	46	150	37	33	52	100	288	158	222
27	1	728	609	514	341	124	295	279	188	567	658	704	762
27	2	153	114	86	103	103	44	69	150	72	100	223	141
28	1	515	645	369	244	312	289	167	-	545	655	734	797
28	2	214	65	131	129	68	40	137	-	86	116	161	103
29	1	728		333	158	111	285	337	48	526	254	558	784
29	2	81		164	136	103	46	42	33	93	252	249	98
30	1	749		492	177	188	278	324	-	430	557	783	795
30	2	79		110	137	103	54	52	-	226	215	97	89
31	1	725		515		253		325	442		509		789
31	2	144		59		120		51	52		233		89
MS	1	715·3	640·1	507·7	342·2	225·3	235·1	267·5	285·0	425·4	538·8	706·4	689·5
MS	2	143·9	112·5	112·3	107·7	97·0	76·8	69·6	91·3	134·4	179·6	134·7	171·0

DAAGLIKSE WAARDES VAN TOTALE-1- EN DIFFUSE-2- STRALING

IN GM KAL PER VK CM

DAILY VALUES OF TOTAL-1- AND DIFFUSE-2- RADIATION

IN GM CAL PER SQ CM

35/179 PORT ELIZABETH WEERKANTOOR / WEATHER OFFICE

φ 33°59'S λ 25°36'E H 62M 1959

D	EL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1	669	673	505	355	294	287	264	300	427	376	589	127
1	2	289	189	251	211	82	36	55	89	93	264	166	124
2	1	348	725	592	445	367	285	260	55	473	442	613	664
2	2	269	76	96	105	51	42	58	53	57	243	257	259
3	1	782	544	563	464	362	135	242	338	468	520	682	226
3	2	73	347	151	83	64	120	77	51	56	163	134	168
4	1	624	721	260	385	357	281	145	305	407	532	698	652
4	2	162	92	200	160	82	42	104	82	105	189	117	234
5	1	611	486	197	464	336	278	265	345	396	261	376	744
5	2	308	282	183	66	70	46	51	68	108	224	257	150
6	1	782	253	534	477	343	292	260	290	423	475	503	789
6	2	93	250	204	58	50	77	57	93	134	128	357	100
7	1	774	705	561	342	314	279	241	360	327	598	555	777
7	2	88	120	100	152	62	40	101	57	174	72	228	99
8	1	746	652	375	439	288	191	152	366	421	152	706	756
8	2	99	149	123	113	75	103	111	53	115	144	176	137
9	1	730	552	501	448	301	1 6	272	331	382	424	710	774
9	2	102	229	209	90	109	113	46	102	182	124	87	115
10	1	697	691	588	468	280	237	285	356	495	616	544	555
10	2	162	85	108	62	164	92	44	50	75	74	244	314
11	1	421	397	568	301	304	276	266	343	495	541	422	559
11	2	274	275	106	118	81	46	61	63	62	184	362	390
12	1	459	374	544	439	142	262	221	276	87	580	535	499
12	2	239	222	111	67	135	42	105	101	84	109	336	343
13	1	497	645	583	432	244	278	287	296	347	603	518	737
13	2	254	90	66	50	114	36	47	107	194	122	332	247
14	1	621	517	537	441	240	260	283	200	507	461	711	775
14	2	304	261	103	51	123	50	71	143	84	220	128	101
15	1	712	450	310	411	154	219	286	303	507	424	627	727
15	2	164	302	204	92	138	83	62	79	81	280	175	105
16	1	587	501	427	391	259	226	310	353	475	605	650	329
16	2	291	248	128	100	105	58	41	114	104	128	279	266
17	1	706	596	78	378	130	229	36	380	508	489	599	613
17	2	278	200	74	103	121	77	35	67	88	324	237	279
18	1	754	688	550	240	247	251	174	243	470	273	484	730
18	2	107	59	106	157	119	48	92	131	138	265	249	141
19	1	650	583	500	225	266	246	222	403	364	298	700	586
19	2	211	141	128	180	82	83	98	60	230	269	192	397
20	1	675	606	526	239	272	255	312	417	363	375	759	754
20	2	236	158	125	189	109	47	41	54	206	217	93	144
21	1	724	662	547	91	202	257	289	410	439	623	762	439
21	2	121	93	59	90	97	49	104	56	163	116	74	351
22	1	745	676	553	324	249	258	303	411	467	471	771	749
22	2	75	74	58	116	97	46	56	51	205	229	77	147
23	1	500	669	449	198	313	256	308	421	548	630	597	778
23	2	231	82	143	130	41	41	57	53	71	153	276	95
24	1	328	463	529	401	305	260	319	408	469	632	564	741
24	2	253	295	70	46	37	80	50	86	97	149	281	150
25	1	476	623	452	344	303	266	274	292	400	621	737	593
25	2	304	108	125	162	42	39	68	181	240	169	107	275
26	1	699	582	293	396	294	282	326	428	416	657	734	753
26	2	150	125	230	54	45	37	46	56	232	95	101	110
27	1	612	442	291	328	303	262	306	421	565	638	663	687
27	2	165	326	198	99	35	51	50	69	75	160	228	225
28	1	512	364	458	84	306	257	280	409	543	638	760	768
28	2	209	274	101	82	41	46	81	69	98	98	128	166
29	1	510		508	48	285	263	321	438	544	386	715	739
29	2	283		65	45	36	45	56	67	94	255	202	115
30	1	757		493	85	292	269	314	452	502	173	432	723
30	2	80		99	84	34	45	62	90	167	169	356	140
31	1	720		308		274		326	378		452		553
31	2	84		190		68		63	143		183		293
MS	1	626·7	565·7	457·4	336·1	278·3	251·0	263·0	346·1	441·0	482·7	623·9	641·7
MS	2	192·1	184·0	132·7	103·8	80·8	58·7	65·9	82·0	127·0	178·1	207·9	199·3

DAAGLIKSE WAARDES VAN TOTALE-1- EN DIFFUSE-2- STRALING

IN GM KAL PER VK CM

DAILY VALUES OF TOTAL-1- AND DIFFUSE-2- RADIATION

IN GM CAL PER SQ CM

240/808 LOUIS BOTHA WEERKANTOOR / WEATHER OFFICE

Ø 29°58' S λ 30°57' E H 8M 1959

D	EL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1	(404)	675	584	495	404	183	290	340	316	423	188	269
1	2	285	163	122	70	51	124	55	61	191	152	176	236
2	1	428	362	472	482	393	281	290	331	286	288	254	244
2	2	230	282	196	76	54	60	60	94	222	215	235	210
3	1	675	436	537	436	109	90	285	313	489	47	489	480
3	2	165	243	118	169	104	89	57	132	56	45	284	380
4	1	615	200	497	220	137	307	264	363	459	423	681	451
4	2	126	191	130	156	101	46	112	53	93	148	97	227
5	1	210	586	285	212	388	308	195	293	416	609	632	268
5	2	205	109	227	182	55	48	97	140	120	63	132	254
6	1	138	508	386	457	355	272	283	348	453	498	134	197
6	2	133	184	287	94	60	81	64	79	107	158	128	184
7	1	316	244	282	397	379	146	269	102	443	585	334	360
7	2	297	179	270	122	42	117	61	102	118	78	231	239
8	1	387	519	499	375	377	179	68	347	398	507	132	612
8	2	269	212	204	101	50	95	61	100	154	170	131	218
9	1	725	332	221	453	329	316	248	382	333	215	597	487
9	2	85	274	193	101	92	41	95	55	134	186	115	240
10	1	530	345	194	454	338	312	291	384	177	343	459	617
10	2	257	290	189	83	95	40	56	63	169	143	363	194
11	1	696	534	234	445	88	305	309	374	457	155	237	597
11	2	112	285	223	92	84	45	47	65	107	139	216	165
12	1	140	668	478	328	82	287	–	359	287	548	626	592
12	2	136	91	156	144	80	51	–	73	182	113	128	186
13	1	462	580	583	348	313	300	230	359	180	549	411	633
13	2	246	157	73	154	70	45	91	85	157	182	219	129
14	1	768	427	561	368	331	312	222	365	529	365	425	568
14	2	85	236	93	169	67	39	79	84	74	194	162	353
15	1	631	239	559	411	245	291	290	368	507	474	337	725
15	2	156	224	76	100	137	50	64	82	79	146	253	97
16	1	493	185	501	281	78	291	302	201	511	280	298	647
16	2	208	157	114	141	74	53	76	119	86	266	270	144
17	1	630	464	497	353	84	275	66	411	497	289	413	399
17	2	213	248	132	–	80	59	61	48	102	270	276	257
18	1	376	259	117	425	73	282	109	387	510	148	252	211
18	2	315	228	114	–	71	54	83	86	91	144	223	204
19	1	138	638	586	419	332	294	306	307	405	122	446	360
19	2	134	81	60	–	55	56	93	175	184	120	230	281
20	1	254	128	506	399	326	282	320	413	515	141	534	724
20	2	227	122	98	–	44	58	54	72	104	136	295	109
21	1	393	668	529	306	326	306	315	430	443	371	610	643
21	2	330	100	96	143	46	45	56	62	186	264	202	133
22	1	576	662	549	71	272	297	295	408	413	593	556	517
22	2	234	93	82	69	61	54	66	78	220	162	278	294
23	1	352	647	544	286	340	266	311	421	509	149	708	453
23	2	217	88	70	140	39	65	66	70	125	148	103	342
24	1	503	641	528	415	337	189	322	421	533	522	507	512
24	2	345	83	82	54	44	114	56	64	110	203	303	188
25	1	516	620	439	392	316	296	223	354	498	646	191	585
25	2	214	93	141	75	51	47	125	131	132	102	179	290
26	1	621	582	481	221	304	290	266	122	253	620	637	205
26	2	136	131	117	168	57	49	98	118	175	121	222	191
27	1	660	577	472	396	315	309	329	419	415	468	626	351
27	2	110	174	100	65	48	44	60	78	253	276	229	223
28	1	503	554	494	374	325	270	331	374	542	523	151	694
28	2	278	120	81	76	43	75	56	110	97	156	147	125
29	1	(195)		444	106	310	301	313	432	519	592	572	677
29	2	186		127	101	51	47	76	73	135	106	134	190
30	1	358		409	325	307	299	333	142	480	303	191	416
30	2	335		170	61	49	47	57	133	122	213	184	348
31	1	657		498		234		346	94		416		284
31	2	158		82		116		51	67		245		271
MS	1	(462·9)	474·3	450·5	354·3	275·7	271·1	267·4	334·3	425·7	394·0	420·9	476·7
MS	2	207·3	172·9	136·1	(111·7)	66·7	61·2	71·0	88·8	136·2	163·3	204·7	222·5

DAAGLIKSE WAARDES VAN TOTALE-1- EN DIFFUSE-2- STRALING

IN GM KAL PER VK CM

DAILY VALUES OF TOTAL-1- AND DIFFUSE-2- RADIATION

IN GM CAL PER SQ CM

261/307 BLOEMFONTEIN WEERKANTOOR / WEATHER OFFICE

Ø 29°07'S λ 26°11'E H 1422M 1959

D	EL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1	598	769	668	568	455	377	358	427	548	592	790	243
1	2	288	119	86	60	121	38	51	57	54	141	67	210
2	1	833	745	380	554	472	337	352	361	551	429	735	753
2	2	86	188	290	80	48	68	63	121	64	290	161	142
3	1	828	726	564	380	286	294	248	425	552	380	666	428
3	2	105	119	206	162	162	137	127	55	54	191	302	298
4	1	712	748	516	579	445	343	165	416	508	707	721	836
4	2	167	112	263	54	44	62	138	74	105	71	151	183
5	1	828	362	680	579	450	345	340	442	536	714	720	763
5	2	97	295	82	50	51	60	71	61	77	63	156	166
6	1	803	388	-	571	446	302	320	436	533	677	464	268
6	2	130	290	-	57	44	144	110	54	84	85	240	233
7	1	497	561	596	351	448	181	313	395	538	678	392	757
7	2	249	338	144	190	41	170	131	116	90	90	143	213
8	1	734	657	512	578	452	318	151	438	542	378	258	430
8	2	225	174	193	51	43	131	151	67	75	287	225	308
9	1	743	745	519	549	414	368	354	444	582	466	734	654
9	2	123	114	309	79	87	42	79	57	57	243	149	287
10	1	836	604	622	553	326	369	372	441	557	528	804	776
10	2	80	225	156	55	137	39	49	59	85	244	78	158
11	1	739	632	507	157	300	361	370	434	530	726	795	705
11	2	157	257	234	138	190	52	45	71	121	68	102	127
12	1	869	665	659	530	146	356	324	429	564	720	652	228
12	2	81	189	68	64	139	47	92	70	92	69	163	207
13	1	830	259	581	535	355	357	62	425	511	700	731	740
13	2	127	259	138	50	127	47	62	80	146	101	167	228
14	1	857	297	479	508	409	355	375	433	574	693	810	834
14	2	69	268	111	55	70	52	80	81	92	88	83	82
15	1	829	222	550	403	385	370	376	363	576	641	799	842
15	2	82	220	176	202	90	87	42	151	73	176	115	74
16	1	777	601	625	481	101	291	389	454	565	535	755	614
16	2	137	263	128	74	87	77	46	143	98	209	198	231
17	1	843	731	233	487	171	330	208	493	521	516	478	460
17	2	76	105	183	82	168	54	156	45	156	247	313	345
18	1	841	576	616	440	375	348	357	498	504	643	721	840
18	2	93	217	135	101	65	52	126	49	153	211	235	104
19	1	715	712	660	480	380	339	398	482	532	409	749	798
19	2	306	166	51	75	41	50	38	54	142	300	228	183
20	1	392	739	639	-	393	354	394	470	566	396	807	779
20	2	301	68	72	-	39	47	42	60	148	252	86	205
21	1	835	724	625	-	332	357	398	484	528	660	753	513
21	2	75	97	61	-	100	45	42	62	185	207	146	205
22	1	791	689	622	429	219	352	399	486	624	659	799	817
22	2	119	122	63	105	194	46	42	59	78	168	131	133
23	1	367	693	604	298	401	340	400	502	609	727	775	768
23	2	358	89	68	139	44	53	46	58	85	90	178	211
24	1	477	689	603	481	378	352	392	504	529	708	659	641
24	2	390	93	65	66	54	63	49	51	168	159	231	193
25	1	532	726	597	487	201	359	391	500	566	651	782	830
25	2	270	65	65	49	186	45	62	58	145	190	158	88
26	1	653	725	573	467	383	351	394	498	629	726	812	853
26	2	174	65	91	52	47	53	63	61	79	93	93	90
27	1	672	706	473	446	393	355	381	514	616	418	828	844
27	2	157	77	163	110	39	52	93	59	99	316	90	78
28	1	245	629	496	241	369	357	372	518	622	654	746	864
28	2	241	156	118	228	76	48	67	51	110	187	238	96
29	1	781		549	187	379	350	387	497	614	614	-	828
29	2	111		92	167	43	56	68	85	118	137	-	93
30	1	718		413	307	320	168	400	499	472	621	-	726
30	2	149		202	206	128	168	62	89	244	245	-	190
31	1	559		-		385		418	530		775		480
31	2	202		-		39		55	65		93		299
MS	1	701·1	618·5	557·3	450·9	353·9	334·6	340·5	459·2	556·7	604·5	704·9	674·6
MS	2	168·4	169·5	138·3	100·0	88·6	69·6	75·7	71·8	109·3	171·4	165·1	182·6

DAAGLIKSE WAARDES VAN TOTALE-1- EN DIFFUSE-2- STRALING

IN GM KAL PER VK CM

DAILY VALUES OF TOTAL-1- AND DIFFUSE-2- RADIATION

IN GM CAL PER SQ CM

274/ 34 ALEXANDER BAY WEERKANTOOR / WEATHER OFFICE

ø 28°34' S λ 16°32' E H 21M 1959

D	EL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1	686	754	541	496	429	347	321	306	497	542	720	648
1	2	185	93	131	101	41	45	39	96	86	206	83	216
2	1	800	702	534	520	401	264	298	396	514	573	738	762
2	2	98	171	245	77	108	132	47	51	75	126	70	116
3	1	800	731	599	534	393	341	229	378	479	592	729	646
3	2	97	97	123	50	134	58	115	72	98	118	65	228
4	1	802	729	552	493	419	252	331	213	472	567	682	622
4	2	80	118	202	99	44	116	39	198	120	156	129	345
5	1	764	700	424	529	397	226	316	406	481	639	609	712
5	2	134	194	168	50	56	99	48	42	124	114	170	–
6	1	780	639	469	305	212	76	309	313	413	650	680	713
6	2	106	137	179	186	201	76	52	169	133	73	141	–
7	1	427	707	501	481	308	97	279	426	512	610	597	692
7	2	369	102	195	137	144	98	90	44	81	147	161	–
8	1	488	734	618	512	394	325	333	427	415	495	662	729
8	2	355	85	91	76	45	57	56	41	151	214	170	–
9	1	710	643	615	516	328	338	336	426	514	556	678	782
9	2	138	153	107	52	108	39	44	47	102	180	205	90
10	1	758	523	622	501	216	335	287	377	542	565	735	781
10	2	94	206	85	80	188	41	76	81	55	176	103	110
11	1	688	527	609	468	362	339	257	317	448	652	661	768
11	2	228	340	90	69	61	36	152	133	143	81	194	116
12	1	796	420	596	491	136	332	313	156	497	585	717	402
12	2	109	287	71	53	135	39	115	156	143	118	144	344
13	1	783	581	583	477	358	316	219	330	536	664	738	681
13	2	98	146	77	67	90	48	150	162	92	73	102	183
14	1	784	560	562	372	198	270	326	273	561	666	651	758
14	2	91	164	66	184	149	77	58	209	70	66	150	86
15	1	490	499	578	451	392	260	361	358	560	629	684	405
15	2	357	287	60	143	45	114	35	170	71	123	137	407
16	1	740	668	462	358	389	217	212	297	557	612	502	707
16	2	116	151	196	153	34	86	121	222	65	128	242	185
17	1	780	568	583	362	377	219	221	444	552	628	638	652
17	2	85	187	118	118	61	119	165	48	91	136	265	258
18	1	741	668	620	294	304	–	362	450	466	331	742	790
18	2	217	128	67	201	159	–	37	42	148	300	100	82
19	1	579	693	602	450	300	284	358	446	331	512	767	779
19	2	329	69	60	80	123	76	63	64	195	226	100	81
20	1	723	701	601	320	120	263	377	448	204	626	759	588
20	2	181	83	67	159	113	97	44	63	194	161	103	337
21	1	768	668	568	461	168	313	373	450	508	663	747	790
21	2	89	102	103	61	104	53	52	63	146	115	123	110
22	1	757	643	581	460	234	317	299	463	575	656	658	787
22	2	107	122	76	57	162	43	119	52	74	93	173	123
23	1	679	643	562	454	351	146	375	453	536	695	645	710
23	2	179	101	71	64	62	135	49	57	105	73	184	148
24	1	441	626	528	296	192	307	377	428	529	635	663	564
24	2	330	108	108	217	155	52	42	80	178	126	183	295
25	1	742	568	557	448	355	337	390	454	557	495	760	789
25	2	122	152	69	62	50	39	41	73	114	246	89	112
26	1	728	657	541	435	305	304	369	469	596	338	779	750
26	2	110	84	114	54	136	54	58	66	83	316	90	108
27	1	731	595	451	89	336	302	348	409	608	703	761	657
27	2	131	161	113	89	53	60	70	132	80	84	92	184
28	1	752	587	551	312	268	321	321	364	578	693	748	723
28	2	78	147	64	224	141	40	101	139	92	119	97	127
29	1	747		535	364	326	320	369	226	547	634	739	783
29	2	88		71	176	81	40	54	195	169	174	129	110
30	1	732		521	418	249	320	386	465	402	669	704	718
30	2	104		95	74	161	46	45	102	240	169	188	141
31	1	551		531		216		381	500		507		749
31	2	295		97		200		52	69		327		126
MS	1	701·5	636·9	554·8	422·3	304·4	278·9	323·7	382·8	499·6	593·1	696·4	698·0
MS	2	163·9	149·1	109·0	107·1	107·9	69·5	71·8	101·2	117·5	153·5	139·5	176·5

DAAGLIKSE WAARDES VAN TOTALE-1- EN DIFFUSE-2- STRALING
IN GM KAL PER VK CM

DAILY VALUES OF TOTAL-1- AND DIFFUSE-2- RADIATION
IN GM CAL PER SQ CM

290/468 KIMBERLEY WEERKANTOOR / WEATHER OFFICE

Ø 28°48'S λ 24°46'E H 1197M 1959

D	EL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1	509	720	555	469	448	360	282	366	518	441	757	209
1	2												
2	1	778	627	394	413	393	275	300	372	493	270	770	694
2	2												
3	1	790	634	471	350	418	262	233	409	480	533	576	330
3	2												
4	1	623	574	387	506	418	305	122	353	441	704	717	714
4	2												
5	1	750	204	594	494	375	281	263	403	461	697	570	721
5	2												
6	1	756	600	600	488	406	220	276	397	474	605	476	249
6	2												
7	1	456	542	452	313	368	152	269	403	461	592	295	700
7	2												
8	1	736	673	574	506	393	317	92	415	461	210	355	451
8	2												
9	1	630	620	549	494	338	360	306	409	563	592	636	545
9	2												
10	1	750	581	567	475	332	336	300	372	518	506	697	599
10	2												
11	1	576	620	587	256	338	323	306	372	486	658	704	674
11	2												
12	1	844	396	574	469	92	305	282	341	474	671	570	66
12	2												
13	1	824	317	452	456	399	323	33	359	358	612	704	748
13	2												
14	1	811	211	464	444	381	317	349	353	531	618	717	768
14	2												
15	1	744	211	413	369	301	305	325	341	518	585	704	728
15	2												
16	1	750	502	516	425	61	262	343	341	505	506	590	478
16	2												
17	1	764	594	278	406	362	293	184	446	499	500	275	545
17	2												
18	1	716	508	632	369	362	275	374	446	493	559	677	795
18	2												
19	1	610	646	613	406	350	305	367	415	499	401	704	740
19	2												
20	1	610	660	516	388	362	299	367	403	480	519	704	647
20	2												
21	1	764	654	535	400	239	305	343	415	511	618	717	478
21	2												
22	1	724	600	535	388	203	305	337	421	576	553	644	740
22	2												
23	1	295	654	523	400	350	293	337	421	556	658	690	721
23	2												
24	1	496	640	549	375	332	336	331	421	416	533	644	559
24	2												
25	1	395	634	516	406	282	336	343	421	486	631	684	721
25	2												
26	1	529	627	516	394	356	317	337	421	550	658	710	734
26	2												
27	1	496	634	406	331	350	281	306	428	531	467	710	795
27	2												
28	1	362	581	394	63	307	305	325	428	499	519	704	748
28	2												
29	1	736		452	231	338	299	343	409	467	381	650	734
29	2												
30	1	683		374	369	332	171	337	415	441	585	382	545
30	2												
31	1	489		523		362		349	502		710		519
31	2												
MS	1	645·0	552·3	500·4	395·1	333·8	294·1	292·3	400·6	491·5	551·4	624·4	603·1
MS	2												

DAAGLIKSE WAARDES VAN TOTALE-1- EN DIFFUSE-2- STRALING
IN GM KAL PER VK CM

DAILY VALUES OF TOTAL-1- AND DIFFUSE-2- RADIATION
IN GM CAL PER SQ CM

317/476 UPINGTON WEERKANTOOR / WEATHER OFFICE

Ø 28°26'S λ 21°16'E H 814M 1959

D	EL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1	586	707	455	514	474	435	378	396	522	469	735	524
1	2												
2	1	759	680	522	416	494	321	378	416	515	208	735	718
2	2												
3	1	738	674	555	520	435	-	147	428	522	650	687	345
3	2												
4	1	759	707	608	546	468	-	173	416	482	623	680	786
4	2												
5	1	759	619	594	533	474	-	105	410	495	636	612	752
5	2												
6	1	752	381	594	514	474	-	371	435	502	630	510	614
6	2												
7	1	690	571	561	435	403	-	205	448	508	576	680	690
7	2												
8	1	690	687	614	520	442	416	384	455	489	442	660	704
8	2												
9	1	745	660	634	527	423	423	378	442	541	643	707	649
9	2												
10	1	732	-	600	500	442	410	378	208	541	643	721	752
10	2												
11	1	600	-	561	429	318	403	320	358	528	643	680	745
11	2												
12	1	807	-	588	520	331	410	378	384	277	623	674	272
12	2												
13	1	807	-	535	507	390	391	378	384	541	643	700	738
13	2												
14	1	766	-	607	442	455	378	378	254	528	636	694	766
14	2												
15	1	745	-	455	292	481	351	404	390	541	562	687	732
15	2												
16	1	780	748	561	455	468	334	384	390	541	570	626	559
16	2												
17	1	759	503	330	442	448	328	224	494	522	375	517	759
17	2												
18	1	663	598	600	306	390	346	333	494	528	556	755	759
18	2												
19	1	628	660	568	442	442	309	-	462	528	388	715	745
19	2												
20	1	-	680	588	423	-	346	397	462	396	482	707	676
20	2												
21	1	766	687	-	474	208	351	397	455	555	616	694	725
21	2												
22	1	752	517	-	468	384	359	391	468	588	630	715	725
22	2												
23	1	573	524	541	481	455	359	378	474	535	650	408	711
23	2												
24	1	532	626	535	455	299	340	391	481	462	603	674	704
24	2												
25	1	586	626	548	481	305	372	397	468	522	616	707	718
25	2												
26	1	718	626	515	462	442	359	397	474	555	455	707	752
26	2												
27	1	615	619	522	396	435	351	384	462	541	643	680	745
27	2												
28	1	590	571	528	266	266	346	378	455	535	663	721	752
28	2												
29	1	711		455	273	416	372	391	468	489	469	707	732
29	2												
30	1	690		528	442	351	359	384	358	535	643	524	718
30	2												
31	1	642		508		403		397	500		670		711
31	2												
MS	1	701·3	(621·3)	545·2	449·4	407·2	(366·8)	345·9	425·4	512·1	569·6	667·3	686·4
MS	2												

DAAGLIKSE WAARDES VAN TOTALE-1- EN DIFFUSE-2- STRALING

IN GM KAL PER VK CM

DAILY VALUES OF TOTAL-1- AND DIFFUSE-2- RADIATION

IN GM CAL PER SQ CM

419/184 KEETMANSHOOP WEERKANTOOR / WEATHER OFFICE

Ø 26°34' S λ 18°07' E H 1056M 1959

D	EL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1	649	742	438	554	488	403	377	426	550	536	751	-
1	2	179	74	269	87	46	42	44	54	71	195	66	-
2	1	790	740	551	481	477	381	375	429	552	301	758	758
2	2	78	85	245	149	50	54	46	57	65	230	67	136
3	1	789	748	620	571	393	309	340	411	538	683	760	652
3	2	86	73	106	58	157	133	70	76	73	63	67	239
4	1	784	657	696	582	470	300	357	441	530	682	552	805
4	2	83	128	57	51	46	141	52	58	83	77	132	76
5	1	761	539	669	576	480	329	361	446	558	661	515	769
5	2	111	300	58	51	48	94	55	49	64	120	162	110
6	1	782	636	662	469	466	190	366	460	556	670	674	706
6	2	78	197	77	109	48	123	50	47	69	83	137	183
7	1	733	617	664	554	458	295	371	339	476	617	731	647
7	2	124	107	108	92	47	82	68	122	189	139	88	167
8	1	776	675	675	563	455	308	373	475	560	635	747	641
8	2	97	119	58	46	45	80	48	47	66	136	81	154
9	1	756	731	660	546	451	383	382	476	570	692	774	741
9	2	123	83	110	55	51	38	45	54	57	66	74	116
10	1	736	515	576	531	319	371	384	398	569	677	765	785
10	2	138	196	121	69	147	50	44	110	56	83	74	78
11	1	716	561	533	523	423	387	309	243	562	690	755	731
11	2	200	219	160	66	80	40	167	180	72	60	80	115
12	1	832	427	609	542	443	378	390	384	440	691	767	603
12	2	81	265	119	48	50	44	69	108	179	70	79	146
13	1	816	661	594	535	442	362	397	395	586	702	760	775
13	2	86	131	148	53	43	60	44	108	84	64	85	79
14	1	820	636	512	505	440	364	405	287	595	686	-	781
14	2	77	190	133	74	56	55	44	165	64	83	-	80
15	1	813	666	534	408	421	247	415	492	587	616	756	776
15	2	90	110	104	207	72	157	43	47	76	180	99	75
16	1	816	717	605	433	446	351	406	487	584	568	534	426
16	2	75	68	87	110	43	64	48	54	76	242	194	250
17	1	785	626	573	472	436	313	370	492	577	474	763	794
17	2	168	158	154	121	49	106	112	49	79	233	78	70
18	1	614	678	658	303	422	368	411	498	580	547	789	819
18	2	337	94	66	200	79	49	44	49	78	278	70	74
19	1	675	701	646	449	435	369	419	488	566	485	771	801
19	2	285	70	58	76	46	49	54	63	105	157	71	75
20	1	784	692	630	476	424	370	424	498	324	670	762	778
20	2	93	66	58	74	55	46	44	53	245	121	80	84
21	1	699	643	626	504	262	375	423	510	616	689	644	808
21	2	184	108	56	54	130	42	42	48	79	87	151	80
22	1	624	663	612	500	421	368	419	496	585	719	552	799
22	2	155	118	59	53	44	45	41	54	94	74	133	75
23	1	663	616	611	496	418	366	404	514	561	722	-	780
23	2	165	118	68	52	43	49	55	48	133	61	-	86
24	1	581	522	585	499	368	381	422	510	561	717	759	777
24	2	122	200	69	48	103	47	52	53	117	89	90	98
25	1	621	688	591	491	398	389	422	508	585	703	760	773
25	2	231	97	59	51	59	44	49	55	100	125	86	89
26	1	757	655	564	485	416	370	411	512	606	641	770	795
26	2	98	85	105	54	51	48	56	56	89	159	81	88
27	1	628	552	587	234	402	367	407	505	598	726	739	810
27	2	156	131	66	162	40	49	68	68	92	67	163	75
28	1	727	605	571	378	372	381	404	511	594	731	764	795
28	2	104	149	103	110	141	48	60	65	110	70	80	77
29	1	734		531	473	399	380	420	526	598	546	604	792
29	2	104		117	80	44	45	57	57	118	204	338	75
30	1	560		510	490	406	373	423	504	541	727	-	794
30	2	178		115	46	42	45	54	118	206	87	-	77
31	1	534		527		401		420	551		741		786
31	2	140		135		41		63	61		69		81
MS	1	721·2	639·5	594·0	487·4	421·2	351·0	393·8	458·2	556·7	643·4	713·8	749·8
MS	2	136·2	133·6	104·6	83·7	64·3	65·5	57·8	71·9	99·6	120·9	107·6	106·8

DAAGLIKSE WAARDES VAN TOTALE-1- EN DIFFUSE-2- STRALING

IN GW KAL PER VK CM

DAILY VALUES OF TOTAL-1- AND DIFFUSE-2- RADIATION

IN GW CAL PER SQ CM

513/405A PRETORIA WEERKANTOOR / WEATHER OFFICE

φ 25°45'S λ 28°14'E H 1369M 1959

D	EL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1	681	560	646	517	486	315	364	417	545	624	720	258
1	2	151	224	100	84	48	51	55	68	57	86	67	229
2	1	580	633	558	541	468	353	374	425	556	593	317	564
2	2	175	115	131	66	53	65	61	62	61	122	206	175
3	1	535	451	646	532	148	342	346	429	530	346	284	337
3	2	275	115	77	64	136	71	69	57	70	237	265	266
4	1	559	691	496	504	455	308	372	421	519	684	699	305
4	2	306	145	128	112	61	106	58	61	72	63	133	243
5	1	501	555	506	530	465	340	168	352	537	689	723	530
5	2	122	197	175	75	40	65	161	143	64	70	89	286
6	1	547	504	519	495	456	338	283	444	548	672	708	138
6	2	245	188	230	94	38	69	116	56	60	74	87	138
7	1	306	583	407	531	446	315	315	437	543	649	669	326
7	2	261	129	292	54	45	78	73	59	64	118	167	290
8	1	332	335	470	527	437	105	256	299	452	337	463	503
8	2	302	270	206	54	46	94	142	183	173	253	324	246
9	1	559	659	262	539	447	389	292	295	516	588	347	592
9	2	247	118	253	54	37	42	94	168	95	185	247	199
10	1	602	531	130	437	389	349	346	331	497	510	727	448
10	2	236	263	128	151	102	54	81	172	140	208	70	143
11	1	612	515	271	397	298	374	368	348	410	631	291	754
11	2	228	181	215	149	121	47	49	98	176	122	233	93
12	1	372	617	485	305	93	325	377	361	279	675	492	655
12	2	181	169	207	174	90	69	47	107	195	69	280	205
13	1	800	531	497	412	187	327	321	427	389	654	554	474
13	2	75	251	163	101	156	64	105	82	127	90	250	315
14	1	779	659	622	457	348	351	358	452	560	574	648	763
14	2	84	157	55	124	131	57	109	74	91	117	159	94
15	1	769	171	518	378	348	347	317	472	563	619	640	721
15	2	92	162	125	133	136	60	120	62	77	108	108	134
16	1	714	593	575	476	439	355	308	484	565	612	552	675
16	2	151	162	97	60	47	49	110	64	90	132	276	189
17	1	748	545	589	484	321	300	27	485	550	607	348	640
17	2	94	156	79	56	150	85	26	50	113	142	282	192
18	1	607	490	397	469	328	369	356	471	531	588	470	383
18	2	105	162	213	72	110	48	90	66	103	135	147	238
19	1	732	564	539	424	377	359	407	505	538	422	413	590
19	2	97	142	121	130	67	46	40	47	104	265	252	399
20	1	345	478	462	460	378	343	396	490	547	238	507	673
20	2	287	177	194	67	55	70	52	55	128	223	244	183
21	1	722	473	522	480	411	347	367	483	465	282	613	522
21	2	82	254	182	50	38	64	64	56	158	201	207	274
22	1	691	640	475	407	401	347	382	473	601	554	625	539
22	2	98	125	149	149	48	57	54	77	100	180	111	253
23	1	390	656	526	171	405	324	394	491	552	651	706	297
23	2	235	126	125	138	49	62	53	67	115	110	96	275
24	1	342	550	562	417	416	356	393	466	597	356	597	576
24	2	308	130	103	103	36	50	54	86	86	207	128	277
25	1	123	655	599	470	398	347	386	472	524	630	688	737
25	2	111	65	55	46	52	57	53	80	121	158	126	101
26	1	684	614	577	455	393	268	391	455	574	635	671	706
26	2	124	96	57	63	47	95	69	89	108	134	151	148
27	1	611	626	566	417	365	357	416	491	592	492	725	733
27	2	196	77	64	93	76	61	60	74	101	271	89	105
28	1	683	628	547	383	367	362	350	469	584	527	643	713
28	2	146	82	65	133	58	66	111	86	107	203	105	119
29	1	412		545	78	375	370	417	517	532	677	699	487
29	2	229		73	78	56	45	52	65	141	96	102	267
30	1	522		553	466	590	354	432	515	610	653	525	629
30	2	228		58	61	36	112	39	72	90	199	346	247
31	1	423		565		375		378	531		702		282
31	2	226		53		48		67	92		111		249
MS	1	557·5	553·8	504·3	438·6	374·5	334·5	343·8	442·2	526·9	563·6	568·8	533·1
MS	2	183·8	158·5	134·6	92·9	71·4	68·3	75·2	83·2	106·2	151·3	178·2	211·8

DAAGLIKSE WAARDES VAN TOTALE-1- EN DIFFUSE-2- STRALING

IN GW KAL PER VK CM

DAILY VALUES OF TOTAL-1- AND DIFFUSE-2- RADIATION

IN GW CAL PER SQ CM

513/605 ROODEPLAAT

Ø 25°35'S λ 28°21'E H 1164M 1959

D	EL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1	-	556	647	543	465	370	316	403	524	621	711	350
1	2	-	256	94	66	56	51	60	76	68	83	70	256
2	1	650	701	615	548	470	362	326	413	534	585	313	593
2	2	192	106	146	66	44	72	63	59	64	118	202	162
3	1	386	506	649	536	193	346	341	425	524	361	312	362
3	2	263	116	76	63	162	69	66	55	66	225	275	249
4	1	588	632	599	510	423	337	363	421	534	662	705	316
4	2	271	154	105	87	71	90	58	62	63	70	104	233
5	1	627	658	558	516	450	345	216	352	530	667	731	471
5	2	137	177	152	74	45	73	173	154	70	76	79	315
6	1	600	657	479	510	444	340	297	460	543	658	701	143
6	2	191	166	205	98	41	71	94	54	62	75	88	141
7	1	249	564	485	521	433	326	358	438	541	581	658	366
7	2	232	119	251	57	44	76	90	62	64	113	173	324
8	1	391	328	537	520	431	101	274	318	494	334	487	574
8	2	317	252	191	60	47	83	121	174	153	241	307	256
9	1	645	626	309	524	434	384	-	222	505	592	343	595
9	2	208	143	287	65	43	51	-	159	95	153	210	164
10	1	545	552	132	447	384	341	360	289	473	548	728	424
10	2	197	226	129	135	127	61	66	149	140	210	63	126
11	1	582	508	268	442	313	364	364	406	411	605	240	714
11	2	206	201	225	144	142	47	49	76	179	130	214	98
12	1	409	614	456	345	84	340	376	-	249	671	474	-
12	2	216	183	216	202	83	57	47	-	193	68	253	-
13	1	779	500	447	476	164	367	312	427	432	609	620	470
13	2	79	269	189	107	135	43	96	79	140	103	206	310
14	1	755	645	618	443	391	360	261	453	557	615	638	669
14	2	89	152	63	142	84	54	117	67	67	125	186	130
15	1	746	181	584	421	285	344	-	464	559	633	679	684
15	2	84	180	113	140	136	64	-	59	76	110	92	115
16	1	727	619	596	456	425	360	316	465	556	592	620	683
16	2	153	144	99	82	49	47	111	68	88	124	235	161
17	1	728	574	595	483	345	318	37	474	547	618	482	597
17	2	90	151	60	70	163	69	35	49	108	137	325	183
18	1	606	578	399	466	323	343	326	448	559	567	495	-
18	2	108	123	196	90	104	56	95	79	84	121	132	-
19	1	718	649	539	467	395	362	392	484	555	464	383	339
19	2	93	157	129	110	54	48	38	52	87	246	243	316
20	1	407	420	340	482	392	326	397	481	550	298	525	731
20	2	345	117	149	63	43	72	44	63	104	249	225	184
21	1	728	480	477	481	397	331	-	478	490	348	703	559
21	2	76	277	182	55	38	67	-	56	151	254	167	261
22	1	722	672	544	415	392	356	395	457	581	623	695	636
22	2	103	96	131	81	46	49	48	78	100	116	111	222
23	1	398	655	554	242	408	350	397	476	577	652	720	296
23	2	244	88	109	134	41	58	43	73	109	98	88	273
24	1	358	558	554	446	403	344	-	469	600	387	620	629
24	2	305	106	110	98	36	54	-	72	86	212	122	242
25	1	198	658	552	469	384	342	-	467	549	668	626	742
25	2	181	73	86	50	54	63	-	73	103	129	100	88
26	1	-	638	550	456	391	-	-	458	587	605	712	734
26	2	-	92	68	68	46	-	-	79	92	114	134	128
27	1	-	655	569	456	389	-	-	482	590	560	726	731
27	2	-	86	68	93	63	-	-	65	100	245	82	109
28	1	683	646	553	378	378	343	-	485	573	-	647	731
28	2	156	80	67	132	54	69	-	68	97	-	115	109
29	1	476		554	96	382	-	406	498	466	666	687	-
29	2	181		79	95	43	-	58	62	142	83	104	-
30	1	571		553	453	385	349	412	494	603	618	576	641
30	2	273		64	84	42	65	52	75	89	172	324	193
31	1	459		562		376		401	505		679		366
31	2	222		58		50		64	95		106		277
MS	1	561·7	571·7	511·9	451·6	371·9	338·7	(332·1)	437·1	526·4	569·6	585·0	540·8
MS	2	186·1	153·2	132·4	93·7	70·4	62·2	(73·1)	79·7	101·3	143·6	167·5	200·8

DAAGLIKSE WAARDES VAN TOTALE-1- EN DIFFUSE-2- STRALING
IN GM KAL PER VK CM

DAILY VALUES OF TOTAL-1- AND DIFFUSE-2- RADIATION
IN GM CAL PER SQ CM

677/802 PIETERSBURG WEERKANTOOR / WEATHER OFFICE

ß 23°52'S λ 29°27'E H 1230M 1959

D	EL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1	602	510	676	482	539	392	392	429	588	639	668	599
1	2												
2	1	659	542	601	421	510	370	258	447	582	620	472	454
2	2												
3	1	409	574	670	561	278	381	409	481	582	453	440	719
3	2												
4	1	659	516	595	568	499	275	314	452	570	676	636	447
4	2												
5	1	679	655	539	519	499	381	129	435	576	707	674	441
5	2												
6	1	410	744	322	470	476	381	235	435	576	670	706	120
6	2												
7	1	301	630	459	555	464	319	219	452	576	657	624	126
7	2												
8	1	422	516	601	470	464	308	162	325	558	595	668	567
8	2												
9	1	480	365	471	335	464	398	275	162	546	509	340	719
9	2												
10	1	550	567	174	500	464	403	308	429	468	527	655	542
10	2												
11	1	640	536	260	549	313	381	392	458	342	608	580	661
11	2												
12	1	576	599	341	415	296	403	398	452	486	583	510	681
12	2												
13	1	576	668	471	506	116	409	387	470	216	583	510	655
13	2												
14	1	807	693	583	397	394	420	364	493	522	651	655	756
14	2												
15	1	717	208	651	513	394	398	370	504	450	620	372	719
15	2												
16	1	768	636	564	500	383	381	291	534	582	651	498	750
16	2												
17	1	724	498	632	451	394	230	174	360	570	571	504	599
17	2												
18	1	653	567	471	531	319	353	454	412	576	490	416	208
18	2												
19	1	627	580	453	433	464	398	443	522	588	490	542	328
19	2												
20	1	614	548	397	531	452	392	398	516	588	360	347	498
20	2												
21	1	691	586	484	519	447	403	442	510	546	341	744	611
21	2												
22	1	621	630	490	519	452	403	420	504	546	576	763	599
22	2												
23	1	601	706	546	122	464	392	426	470	510	502	756	661
23	2												
24	1	422	725	589	494	464	392	443	504	438	552	674	630
24	2												
25	1	569	706	558	464	417	274	414	504	588	632	624	586
25	2												
26	1	717	661	490	470	464	297	437	510	552	651	636	687
26	2												
27	1	646	681	521	519	441	392	353	481	528	558	611	454
27	2												
28	1	774	655	576	488	464	168	168	504	588	453	744	819
28	2												
29	1	614		576	397	435	375	442	516	576	676	756	693
29	2												
30	1	461		564	397	412	263	431	510	636	576	548	567
30	2												
31	1	461		576		417		359	568		682		554
31	2												
MS	1	595·2	589·4	512·9	469·9	421·3	357·7	345·4	462·9	535·0	576·1	589·1	562·9
MS	2												

DAAGLIKSE WAARDES VAN TOTALE-1- EN DIFFUSE-2- STRALING

IN GM KAL PER VK CM

DAILY VALUES OF TOTAL-1- AND DIFFUSE-2- RADIATION

IN GM CAL PER SQ CM

740/154 WINDHOEK WEERKANTOOR / WEATHER OFFICE

φ 22°34'S λ 17°06'E H 1728M 1959

D	EL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1	458	498	461	450	516	417	419	482	596	460	789	804
1	2	209	166	210	131	45	67	45	51	85	299	68	138
2	1	774	720	412	569	438	403	415	478	599	421	781	432
2	2	126	97	241	92	142	101	45	54	61	280	72	310
3	1	792	676	635	491	530	345	408	470	605	720	651	526
3	2	89	141	116	154	46	139	55	62	60	68	164	333
4	1	589	687	676	582	512	366	414	476	616	714	560	835
4	2	127	139	106	82	44	110	51	69	55	66	208	68
5	1	710	447	680	500	497	355	355	507	612	713	616	811
5	2	144	260	71	137	45	108	173	46	57	70	264	116
6	1	730	534	525	545	494	340	411	507	601	707	565	831
6	2	177	217	232	109	47	98	50	48	72	81	232	84
7	1	756	385	421	516	495	437	412	509	448	702	318	823
7	2	122	302	314	142	46	41	49	52	267	91	204	81
8	1	812	490	493	559	497	412	415	497	538	727	681	826
8	2	78	304	373	85	44	53	49	63	142	70	175	106
9	1	706	542	522	551	484	406	431	472	605	717	814	825
9	2	178	218	208	112	47	95	42	82	74	80	69	89
10	1	641	372	541	498	460	434	431	377	542	711	800	792
10	2	235	268	146	114	88	49	45	162	154	85	77	98
11	1	619	580	502	507	488	419	414	380	534	727	788	810
11	2	204	257	176	169	47	61	56	160	172	65	79	100
12	1	813	352	622	564	501	399	439	439	620	713	781	704
12	2	74	264	215	48	43	92	46	108	80	91	82	208
13	1	849	349	507	538	495	395	450	452	641	686	478	803
13	2	64	180	219	75	45	95	44	108	81	114	326	172
14	1	833	483	548	363	496	413	455	466	634	685	531	715
14	2	76	274	230	182	45	56	43	89	94	133	349	167
15	1	817	758	417	386	483	314	442	531	632	464	523	350
15	2	110	72	196	129	45	143	46	56	73	164	230	139
16	1	832	753	572	509	503	402	431	534	619	556	641	439
16	2	84	65	120	135	44	56	58	45	71	219	179	326
17	1	798	745	634	490	497	400	470	542	618	586	794	785
17	2	99	63	146	186	42	52	40	55	78	236	90	177
18	1	619	755	662	431	476	407	468	549	599	593	811	828
18	2	344	61	62	200	45	9	43	56	98	208	140	74
19	1	445	733	662	446	469	417	470	527	491	588	808	802
19	2	371	57	59	139	45	46	41	70	155	196	73	121
20	1	468	685	647	466	459	420	460	518	493	685	791	674
20	2	249	111	74	101	53	43	39	70	265	148	72	316
21	1	590	483	651	529	353	423	457	527	438	707	814	768
21	2	182	156	85	84	192	40	39	61	162	116	131	142
22	1	539	570	558	534	465	381	442	544	579	666	688	689
22	2	243	259	142	57	42	75	55	54	120	161	154	146
23	1	655	727	475	541	458	395	444	557	460	686	675	550
23	2	157	72	326	52	46	62	59	53	224	132	177	163
24	1	743	641	509	535	469	413	439	550	435	725	694	798
24	2	148	152	156	50	45	47	59	61	170	134	191	128
25	1	812	627	636	512	465	411	438	548	586	471	774	542
25	2	69	166	87	66	41	52	59	60	175	234	166	199
26	1	715	536	532	407	448	416	450	523	622	652	501	618
26	2	184	183	146	125	42	44	56	89	100	181	201	165
27	1	594	522	552	217	442	416	451	515	628	731	748	784
27	2	289	202	155	196	46	48	51	97	103	164	182	111
28	1	580	438	487	470	435	435	456	528	648	410	495	747
28	2	206	223	168	110	47	49	53	89	105	297	143	125
29	1	583		487	536	425	423	463	543	612	500	574	822
29	2	227		162	48	52	42	50	81	122	247	203	83
30	1	645		423	538	440	408	470	587	596	741	145	782
30	2	176		142	44	51	50	51	59	154	99	141	122
31	1	447		632		436		477	598		781		637
31	2	252		92		47		48	65		73		188
MS	1	676·2	574·7	551·0	492·8	471·7	400·7	438·6	507·4	574·8	643·3	654·2	714·7
MS	2	170·0	176·1	166·9	111·7	54·7	68·8	52·9	73·4	120·8	148·4	161·4	154·5

DAAGLIKSE WAARDES VAN TOTALE-1- EN DIFFUSE-2- STRALING

IN GM KAL PER VK CM

DAILY VALUES OF TOTAL-1- AND DIFFUSE-2- RADIATION

IN GM CAL PER SQ CM

1020/749 MAUN WEERKANTOOR / WEATHER OFFICE

Ø 19°59'S λ 23°25'E H 945M 1959

D	EL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1	534	317	650	482	520	394	377	510	628	575	752	619
1	2	-	-	-	-	40	72	142	43	67	155	94	170
2	1	377	638	580	516	506	382	433	497	629	569	737	632
2	2	-	-	-	-	45	78	90	55	57	170	87	216
3	1	465	629	556	512	247	358	451	508	629	517	574	682
3	2	-	-	-	-	173	144	64	50	54	195	278	189
4	1	284	609	407	529	505	401	341	486	634	726	720	404
4	2	-	-	-	110	45	74	141	59	62	61	105	242
5	1	275	625	416	482	491	425	266	473	585	742	713	520
5	2	-	-	-	105	44	55	230	80	85	60	104	301
6	1	88	489	534	546	477	425	232	478	572	698	749	499
6	2	-	-	-	86	49	60	198	85	98	91	78	255
7	1	313	573	449	485	458	409	199	460	555	646	752	486
7	2	-	-	-	97	57	72	186	92	116	136	77	235
8	1	548	215	541	437	459	397	395	420	602	608	588	706
8	2	-	-	-	178	59	81	128	120	72	165	294	139
9	1	548	378	-	295	465	444	391	364	588	505	695	453
9	2	-	-	-	178	72	51	105	140	88	268	140	343
10	1	628	464	314	306	391	461	439	464	557	604	550	682
10	2	-	-	-	230	89	42	72	117	118	193	267	211
11	1	549	542	214	552	402	432	442	504	432	629	272	687
11	2	-	-	-	101	140	60	64	77	181	127	220	160
12	1	504	631	442	417	208	446	414	510	431	681	488	424
12	2	-	-	-	122	184	51	79	82	201	99	185	256
13	1	738	598	213	497	402	406	376	538	627	610	549	406
13	2	-	-	-	93	108	129	105	60	93	144	150	138
14	1	737	561	462	529	426	437	399	542	644	577	447	353
14	2	-	-	-	88	97	49	86	55	101	209	277	321
15	1	723	558	465	531	464	443	398	538	644	577	412	687
15	2	-	-	-	72	55	44	145	59	79	202	156	141
16	1	-	683	531	534	489	389	396	558	632	670	682	710
16	2	-	-	-	58	41	80	114	59	82	129	195	134
17	1	668	647	442	528	495	414	349	573	564	669	525	730
17	2	-	-	-	76	42	63	154	51	129	119	174	134
18	1	557	622	352	523	474	450	504	560	556	660	680	462
18	2	-	-	-	95	41	49	44	66	123	129	186	258
19	1	594	655	405	444	476	456	500	517	635	653	695	604
19	2	-	-	-	115	38	46	42	118	75	179	139	222
20	1	547	441	591	513	468	460	496	564	622	621	725	702
20	2	-	-	-	60	44	42	44	66	110	200	95	-
21	1	541	568	576	482	452	455	462	573	537	527	602	287
21	2	-	-	-	71	55	44	61	62	135	260	172	-
22	1	403	603	551	472	462	428	489	574	578	680	736	372
22	2	-	-	-	100	43	55	45	47	132	131	134	-
23	1	358	664	554	404	459	433	482	583	534	666	702	227
23	2	-	-	-	157	41	61	47	49	156	123	128	171
24	1	480	676	578	133	437	447	490	584	643	634	791	542
24	2	-	-	-	126	50	52	45	56	121	138	62	-
25	1	358	595	537	473	457	452	494	577	674	643	693	594
25	2	-	-	-	99	46	51	49	64	93	144	147	-
26	1	528	671	569	469	457	440	483	581	650	622	707	679
26	2	-	-	-	99	40	61	48	63	97	137	117	249
27	1	305	629	491	448	462	432	394	568	649	593	578	554
27	2	-	-	-	112	38	54	166	73	105	206	119	-
28	1	568	629	562	422	456	456	343	576	652	659	618	649
28	2	-	-	-	117	40	52	192	73	104	141	154	178
29	1	509		508	438	447	345	478	580	647	510	650	553
29	2	-		-	120	40	164	83	74	105	212	173	-
30	1	628		525	506	433	284	494	566	577	651	678	569
30	2	-		-	52	54	201	64	83	154	145	138	-
31	1	513		547		397		486	625		697		320
31	2	-		-		71		58	70		122		-
MS	1	495·6	568·2	485·4	463·5	443·3	419·9	415·8	530·7	596·8	626·4	635·2	541·6
MS	2	-	-	-	108·0	64·2	71·2	99·7	72·6	106·5	154·5	154·8	-

DAAGLIKSE WAARDES VAN TOTALE-1- EN DIFFUSE-2- STRALING
IN GM KAL PER VK CM

DAILY VALUES OF TOTAL-1- AND DIFFUSE-2- RADIATION
IN GM CAL PER SQ CM

0/653 MARION WEERKANTOOR / WEATHER OFFICE

ø 46°53' S λ 37°52' E H 23M 1959

D	EL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1	391	(420)	95	(281)	20	106	119	224	128	194	578	626
1	2												
2	1	(650)	95	384	(191)	49	166	59	111	131	416	526	265
2	2												
3	1	(600)	545	65	82	50	43	43	157	336	468	360	495
3	2												
4	1	(610)	543	470	268	-	53	23	249	308	-	674	439
4	2												
5	1	537	114	518	162	189	86	141	32	-	477	335	532
5	2												
6	1	(440)	162	250	335	46	73	70	48	-	444	635	549
6	2												
7	1	250	536	289	67	167	87	17	143	256	481	134	481
7	2												
8	1	654	591	302	158	138	122	141	87	136	243	158	224
8	2												
9	1	528	454	185	229	146	87	27	197	184	461	721	(671)
9	2												
10	1	800	303	361	(256)	119	157	(62)	118	262	272	535	677
10	2												
11	1	752	416	512	126	23	62	96	155	117	346	315	437
11	2												
12	1	134	433	(350)	129	40	72	182	(176)	117	295	180	(439)
12	2												
13	1	310	590	472	(148)	35	124	162	67	211	346	648	151
13	2												
14	1	410	(680)	74	-	69	3	154	60	115	547	249	533
14	2												
15	1	665	525	247	131	214	138	59	83	227	642	544	153
15	2												
16	1	368	264	21	201	101	33	113	243	340	226	-	417
16	2												
17	1	344	570	368	200	121	43	116	108	371	-	361	174
17	2												
18	1	650	300	256	40	58	123	53	238	265	410	96	314
18	2												
19	1	453	200	400	85	189	15	(141)	265	507	(198)	421	394
19	2												
20	1	448	245	424	(348)	34	51	103	(327)	366	619	(645)	680
20	2												
21	1	672	576	16	-	40	38	-	217	594	458	611	288
21	2												
22	1	344	138	480	(72)	79	139	53	168	232	34	609	176
22	2												
23	1	713	225	456	(227)	40	120	206	186	-	498	619	516
23	2												
24	1	141	72	145	(151)	79	3	210	31	182	357	476	361
24	2												
25	1	(800)	(495)	464	48	124	20	87	142	96	443	712	363
25	2												
26	1	152	145	159	-	17	63	147	170	296	470	225	316
26	2												
27	1	472	646	368	55	86	132	67	323	290	(659)	437	311
27	2												
28	1	360	530	368	112	90	81	201	268	67	559	718	450
28	2												
29	1	(700)		50	166	139	47	127	276	341	421	334	447
29	2												
30	1	448		331	82	127	16	93	263	108	533	535	547
30	2												
31	1	314		347		159		85	254		425		439
31	2												
MS	1	(487·4)	(386·2)	297·6	(160·4)	92·9	76·8	(105·2)	173·7	243·8	(411·8)	461·8	(415·0)
MS	2												

R E Ë N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC FEB 1958 MM	1959 PER	MAR MAY 1959 MM	1959 PER	JUN AUG 1959 MM	1959 PER	SEP NOV 1959 MM	1959 PER
1/517	DANGER POINT - VRT	34°37′	19°18′	28	46·2	74	243·1	213	119·8	59	79·2	63
2/ 69	ORANJE	3439	1933	61	57·0		308·0		169·5		137·3	
2/256	QUOIN POINT - BOS	3446	1939	61	51·1		325·1		160·5		116·5	
2/639	VOELVLEI	3439	1952	30	52·4		218·9		135·0		108·0	
2/885	ZOETENDALS VALLEI	3445	2000	21	73·5	110	332·3	278	159·5	99	163·2	117
3/ 20	KAAP AGULHAS - VRT	3450	2001	6	53·4	87	239·2	208	144·0	90	136·8	109
3/ 32	BREDASDORP - POL	3432	2002	67	67·7	100	197·0	185	139·6	100	102·5	81
3/192	DE MOND - BOS	3442	2007	59	50·0		249·5		120·0		78·5	
4/702	KOGELFONTEIN	3412	1824	76	19·3		381·0		186·7		99·6	
4/721	EAGLE'S NEST	3401	1825	137	40·8		648·1		271·9		183·5	
4/723	TOKAI - BOS	3403	1825	56	19·0	26	(173·1)	-	243·1	59	125·0	63
4/816	TABLE MTN-MUIZENBERG RSV	3406	1828	91	25·1		621·4		340·9		177·2	
4/874	RONDEVLEI	3404	1830	30	21·5		418·8		173·9		69·6	
4/891	KAAPPUNT - VRT	3421	1830	227	20·7		283·7		126·3		50·1	
5/ 34	ZEEKOEVLEI	3404	1832	40	20·3		422·4		167·7		61·2	
5/545	SOMERSET WEST - DYN FACT	3405	1849	8	35·8		431·2		158·5		115·3	
5/611	STEENBRASDAM	3411	1851	339	59·9		545·4		214·1		165·4	
5/611A	STEENBRAS NO I - RSV	3411	1851	338	72·1	89	528·9	247	208·0	58	155·1	84
5/612	STEENBRAS NO II - RSV	3412	1851	533	64·5		698·9		365·5		246·9	
5/640	STEENBRAS NO III - RSV	3410	1852	341	68·2		535·9		261·1		181·8	
5/730	STEENBRAS NO IV - RSV	3410	1855	387	54·0		584·3		329·7		165·2	
5/759	STEENBRAS NO V - RSV	3409	1856	422	48·0		588·4		346·8		162·3	
5/771	BETTY'S BAY	3421	1856	30	116·2		616·9		331·5		167·0	
5/849	STEENBRAS NO VII - RSV	3409	1859	472	62·6		583·9		355·1		158·4	
5/880	MORNING STAR	3410	1900	366	65·2		670·7		310·7		141·0	
6/ 31	JONKERSHOEK-DISAVLEI-BOS	3401	1902	1372	222·0		1791·5		649·0		515·0	
6/ 39	ELGIN - BOS	3409	1902	258	29·3	34	462·0	208	309·7	72	164·8	70
6/ 51	KLEINMONDSTRAND - MUN	3421	1902	15	65·9		363·3		283·5		122·8	
6/ 51A	KLEINMONDSTRAND	3421	1902	15	95·1		435·5		285·6		148·2	
6/ 65	NIEUWEBERG - BOS	3405	1903	792	103·7		842·7		371·3		218·2	
6/126	WELGEMOED - BOS	3406	1905	762	38·8		384·1		82·0		83·2	
6/167	HIGHLANDS - BOS	3417	1906	366	97·0		536·0		309·8		168·7	
6/187	TYDSGENOEG - BOS	3407	1907	792	48·0		457·0		278·5		127·3	
6/192	LEBANON - BOS	3412	1907	351	41·5		387·8		227·2		103·8	
6/214	RUS - EN - VREDE	3404	1908	347	43·0		402·5		217·0		69·5	
6/223	HAASVLAKTE - BOS	3413	1908	457	58·8		416·0		242·5		151·0	
6/232	MIDDELVLEI - BOS	3422	1908	30	61·0		284·0		212·0		130·0	
6/332	RUSTFONTEIN	3402	1912	366	33·2		463·7		184·2		78·8	
6/415	HERMANUS - MUN	3425	1914	61	75·5		326·8		249·9		159·1	
6/428	GOEDVERTROUW	3408	1915	122	48·7		252·2		170·0		120·5	
6/527	TUSSENBEIDE	3417	1918	168	53·3		277·6		175·9		118·0	
6/534	WALKER'S BAY - BOS	3424	1918	305	94·4		323·3		185·9		133·7	
6/733	CALEDON - TNK	3413	1925	244	82·0	119	234·1	174	169·8	86	99·0	71
6/836	STANFORD - SKL	3426	1928	30	43·3		276·1		192·4		139·2	
7/ 50	DUNGHYE PARK	3420	1932	122	31·4		235·8		169·5		115·9	
7/106	YSBRANDSKOP	3416	1934	259	66·9		261·7		185·8		103·0	
7/263	BOSKLOOF	3423	1939	152	17·5		160·5		171·9		110·2	
7/311	OROGASTRIVIER	3411	1941	182	56·1		165·6		139·3		92·4	
7/595	MIERKRAAL	3425	1950	152	49·0		154·7		120·0		79·5	
7/699	BLYDSKAP	3409	1954	152	126·2		219·0		169·3		80·9	
7/828	KLIPDALE - SAR	3418	1958	170	84·9	202	123·1	128	130·5	114	60·0	56
8/136	PROTEM - SAR	3416	2005	268	84·8	152	179·1	184	151·1	152	100·5	81
8/367	KLEINFONTEIN	3407	2013	168	54·8		147·6		204·2		81·7	
8/470	PLAATJESKRAAL	3420	2016	168	94·7		169·8		155·0		92·0	
8/751	SWELLENDAM - BOS	3401	2026	122	309·3		331·7		282·4		185·3	
8/782	SWELLENDAM - TNK	3402	2027	128	192·0	124	261·5	137	206·0	132	153·0	69
8/876	BAKLYSDRIFT	3406	2030	107	77·0		190·0		178·0		95·0	
9/ 62	BUFFELJAGSRIVIER - SKL	3402	2033	150	151·0		232·5		203·5		129·0	
9/365	VAN REENEN'S CREST	3405	2043	299	143·8		269·8		228·0		156·4	
9/430	OUDEKRAALSKOP	3410	2045	232	(79·0)		184·5		198·7		133·6	
9/565	GRASRUG	3425	2049	152	145·2		209·6		202·5		92·5	
9/783	BLACKDOWN	3403	2057	76	144·7	186	209·1	192	172·2	194	125·5	98
9/815	HEIDELBERG KP - POL	3405	2058	84	118·5		218·5		163·0		93·5	
10/456	RIVERSDALE	3406	2116	107	158·8	190	233·9	195	162·1	164	114·4	81
10/575	FAIRVIEW	3404	2124	84	194·8		233·6		147·5		124·5	
10/742	STILBAAI - BOS	3422	2125	30	120·0	179	263·5	247	178·0	176	136·0	105
11/ 65	DIEPKLOOF	3405	2133	225	143·2		193·3		123·4		141·7	
11/132	ALBERTINIA - POL	3412	2135	183	86·5	118	209·2	203	137·2	153	146·7	105
11/429	MON REPOS	3409	2145	150	132·5		225·2		121·5		123·3	
11/617	DIE EILAND	3417	2151	46	94·5	136	161·0	167	126·5	157	104·5	92
12/220	MOSSELBAAI - MAG	3410	2208	76	151·0		248·5		162·0		201·0	
12/251	CAPE ST BLAIZE - VRT	3411	2209	59	120·9	152	203·6	208	140·9	158	174·0	143
12/333	SANDHOOGTE	3403	2212	61	190·4		248·0		154·6		194·1	
12/393	GREAT BRAK RIVER	3403	2214	15	195·2	157	233·2	180	134·6	154	158·3	101
14/ 63	KNYSNA - TNK	3403	2303	30	236·5		254·5		224·8		239·8	
14/393	HARKERVILLE - BOS	3403	2314	213	280·2	111	298·6	114	253·5	96	254·9	78
14/633	PLETTENBERGBAAI - POL	3403	2322	73	167·5		262·5		248·9		187·5	
16/484	KLIPDRIFT	3404	2417	152	202·0		301·3		280·7		222·2	
17/452	HUMANSDORP - POL	3402	2446	152	175·5	148	262·0	150	182·0	109	153·0	74
17/582	CAPE ST FRANCIS - VRT	3412	2450	7	143·1	156	238·1	145	216·1	107	14[illegible]·1	80
17/723	JEFFREY S BAY	3403	2455	6	126·0		188·8		182·5		129·[illegible]	
20/649	ROBBEN ISLAND - VRT	3349	1822	8	8·8		264·0		92·2		63·4	
20/685B	CAPE TOWN - FRESNAYE	3355	1823	60	40·6		394·7		163·3		105·7	
20/689	TABLE MTN - WOODHEAD TUN	3359	1823	686	60·5	49	455·0	148	172·7	32	141·8	54
20/714A	THREE ANCHOR BAY	3354	1824	76	37·6		377·2		149·5		98·8	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC MM	1959 PER	YEAR JUL 1958 JUN 1959 MM	PER
1/517	30.6	11.9	33.5	116.0	93.6	18.8	35.5	65.5	20.2	54.2	4.8	5.8	490.4	97	471.2	93
2/ 69	24.0	17.5	48.0	151.0	109.0	11.0	68.5	90.0	39.8	91.1	6.4	7.0	663.3		612.0	
2/256	23.5	16.5	47.5	185.3	92.3	14.0	57.0	89.5	31.0	74.0	11.5	25.0	667.1		554.9	
2/639	28.5	16.4	25.0	132.0	61.9	10.0	44.0	81.0	27.5	80.5	0.0	9.0	515.8		444.9	
2/885	43.2	22.8	35.2	207.6	89.5	20.5	62.0	77.0	46.5	112.7	4.0	4.1	725.1	149	628.0	129
3/ 20	27.4	23.8	35.1	117.1	87.0	18.5	36.4	89.1	48.0	85.5	3.3	13.6	584.8	127	487.0	106
3/ 32	15.3	30.6	18.4	129.4	49.2	12.0	46.1	81.5	32.5	62.8	7.2	12.0	497.0	112	404.0	91
3/192	35.0	12.0	37.0	155.0	57.5	8.5	31.5	80.0	33.5	37.0	8.0	7.0	502.0		416.3	
4/702	10.4	5.1	45.0	119.0	217.0	29.5	58.1	99.1	31.9	55.3	12.4	12.6	695.4		695.6	
4/721	27.0	13.8	46.7	204.1	397.3	54.5	46.5	170.9	104.5	73.5	5.5	27.5	1171.8	117	1219.0	122
4/723	11.7	6.7	45.0	-	128.1	46.8	51.6	144.7	48.3	63.7	13.0	14.5	(574.1)	-	(589.5)	-
4/816	14.2	10.9	33.0	190.6	397.8	64.5	70.6	205.8	92.1	71.5	13.6	36.7	1201.3	93	1271.1	99
4/874	16.8	4.7	29.4	111.5	277.9	28.3	28.0	117.6	35.3	33.0	1.3	12.5	696.3		704.7	
4/891	12.7	5.6	42.0	118.0	123.7	13.5	41.1	71.7	17.8	22.3	10.0	7.1	485.5		486.5	
5/ 34	14.8	5.0	27.8	130.4	264.2	31.1	30.3	105.3	32.0	28.2	1.0	5.5	676.6		681.1	
5/545	21.8	14.0	29.0	164.9	237.3	28.4	33.1	97.0	57.0	54.3	4.0	11.5	752.3		702.5	
5/611	32.5	27.4	50.1	165.9	329.4	23.7	56.5	133.9	60.3	93.7	11.4	30.3	1015.1		948.6	
5/611A	42.9	29.2	49.2	179.8	299.9	34.1	53.9	120.0	59.6	84.1	11.4	34.4	998.5	119	966.9	115
5/612	41.7	22.8	52.7	238.0	408.2	35.1	85.6	244.8	89.4	136.2	21.3	57.9	1433.7	114	1413.5	112
5/640	44.4	23.8	42.7	197.7	295.5	36.7	65.9	158.5	68.1	105.8	7.9	39.1	1086.1	125	1007.4	116
5/730	34.0	14.7	44.6	223.7	316.0	84.0	67.3	178.4	70.3	89.2	5.7	11.3	1139.2	117	1138.6	117
5/759	31.2	11.6	43.3	219.3	325.8	92.0	71.1	183.7	67.1	90.4	4.8	14.1	1154.4	132	1106.4	127
5/771	81.5	22.2	61.4	301.5	254.0	47.5	58.0	226.0	47.5	103.0	16.5	(19.0)	(238.1)		1191.1	
5/849	45.7	10.8	43.9	217.0	323.0	93.1	76.2	185.8	67.1	85.8	5.5	13.6	1167.5	117	1128.7	113
5/880	43.4	16.1	39.3	254.5	376.9	46.5	79.6	184.6	67.0	72.5	1.5	31.3	1213.2	117	1216.2	117
6/ 31	107.0	86.0	217.0	816.0	758.5	117.0	147.0	385.0	360.0	135.0	20.0	118.5	3267.0		3386.0	
6/ 39	10.1	14.2	42.2	196.7	223.1	54.2	79.5	176.0	69.7	88.0	7.1	24.9	985.7	101	1005.6	103
6/ 51	47.2	13.5	42.2	160.8	160.3	45.3	56.2	182.0	36.8	78.0	8.0	25.0	855.3		780.4	
6/ 51A	70.0	15.8	51.6	190.5	193.4	38.7	61.9	185.0	44.5	90.0	13.7	34.5	989.6		918.4	
6/ 65	38.8	52.9	75.5	262.8	504.4	70.0	55.3	246.0	88.0	123.2	7.0	29.2	1553.1	103	1596.2	106
6/126	14.5	22.8	40.5	171.6	172.0	17.2	38.3	90.5	26.5	54.0	2.7	9.3	659.9	160	(488.6)	-
6/167	56.5	29.5	55.5	219.5	261.0	27.0	108.3	174.5	51.7	110.0	7.0	48.0	1148.5		999.9	
6/187	20.0	24.0	43.5	179.0	234.5	37.5	46.5	194.5	45.5	78.0	3.8	14.0	920.8	152	(641.0)	-
6/192	24.9	14.1	36.1	152.0	199.7	26.6	63.4	137.2	34.5	67.0	2.3	22.4	780.2	125	727.6	116
6/214	27.0	16.0	14.5	124.5	263.5	31.5	26.5	159.0	33.0	36.5	0.0	31.0	763.0	89	740.5	87
6/223	34.5	18.4	43.0	186.0	187.0	26.5	79.0	137.0	44.5	96.5	10.0	21.0	883.4	145	760.4	124
6/232	41.0	16.0	32.5	153.0	98.5	16.0	49.0	147.0	32.0	94.5	3.5	10.0	693.0	125	551.5	99
6/332	19.5	12.6	13.4	120.2	324.1	24.2	45.0	115.0	26.3	51.7	0.8	24.0	782.8	97	803.6	100
6/415	38.2	23.8	50.5	158.2	118.1	22.5	81.9	145.5	42.7	100.1	16.3	7.0	804.8	119	687.8	102
6/428	28.2	18.0	27.2	129.0	96.0	24.5	42.0	103.5	44.5	76.0	0.0	16.5	605.4	120	514.9	102
6/527	31.7	16.9	31.0	139.5	107.1	20.5	43.4	112.0	41.1	74.7	2.2	15.6	635.7	132	576.3	119
6/534	47.5	27.2	49.1	167.3	106.9	17.0	58.1	110.8	41.0	76.1	16.6	12.9	730.5		689.0	
6/733	34.4	32.1	39.1	111.5	83.5	15.8	46.5	107.5	21.0	77.5	0.5	10.5	579.9	107	521.9	96
6/836	23.3	15.0	42.2	151.1	82.8	19.5	50.1	122.8	40.2	90.3	8.7	2.0	648.0	122	541.7	102
7/ 50	19.5	11.5	22.0	119.6	94.2	18.5	35.0	116.0	38.4	77.5	0.0	17.0	569.2	140	471.0	116
7/106	31.2	18.2	34.5	137.2	90.0	17.5	47.8	120.5	35.5	67.5	0.0	7.0	606.9		537.1	
7/263	0.0	17.5	11.5	66.3	82.7	23.3	47.3	101.3	44.5	57.3	8.4	12.5	472.6	97	375.3	77
7/311	24.9	21.9	25.1	83.4	57.1	15.9	46.9	76.5	33.5	58.4	0.5	4.5	448.6	128	362.2	103
7/595	18.5	21.5	14.5	90.5	49.7	7.0	41.5	71.5	29.0	43.0	7.5	4.5	398.7	138	327.2	113
7/699	70.1	43.0	56.5	107.0	55.5	14.0	73.0	82.3	21.5	59.4	0.0	19.8	602.1	148	539.0	132
7/828	27.5	37.5	10.5	66.6	46.0	7.0	72.0	51.5	20.0	37.5	2.5	0.5	379.1	105	311.9	87
8/136	32.0	37.8	31.2	96.0	51.9	10.3	78.0	62.8	27.1	63.4	10.0	2.5	503.0	134	403.4	107
8/367	34.8	20.0	24.9	66.1	56.6	13.2	113.9	77.1	15.7	53.0	13.0	0.0	488.3	167	309.0	106
8/470	31.5	40.0	18.5	93.9	57.4	8.5	93.5	53.0	23.5	63.5	5.0	3.0	491.3	126	371.5	95
8/751	105.0	120.2	122.4	138.4	70.9	20.6	71.3	190.5	35.6	116.7	33.0	26.1	1050.7	129	1004.5	124
8/782	71.5	76.5	81.5	115.0	65.0	16.0	81.5	108.5	22.0	113.5	17.5	23.8	792.3	109	708.0	98
8/876	33.5	28.5	36.0	106.5	47.5	7.5	84.0	86.5	22.5	70.0	2.5	0.0	525.0	138	382.5	101
9/ 62	32.5	89.0	52.0	122.5	58.0	5.0	102.5	96.0	28.0	95.0	6.0	16.0	702.5		639.5	
9/365	51.4	68.2	68.9	133.0	67.9	22.3	114.7	91.0	40.8	101.4	14.2	20.6	794.4		619.7	
9/430	41.5	37.5	41.0	85.0	58.5	1.2	127.5	70.0	23.0	107.1	3.5	26.0	621.8	182	(506.7)	-
9/565	81.3	29.2	55.6	100.2	53.8	8.8	110.5	83.2	21.0	60.8	10.7	18.5	633.6		501.1	
9/783	59.4	61.5	53.6	95.5	60.0	10.5	101.0	60.7	19.5	92.5	14.5	11.0	639.7	158	478.1	117
9/815	49.0	67.5	62.0	98.5	58.0	9.5	91.0	62.5	20.5	73.0	0.0	0.0	591.5	147	455.5	113
10/456	63.1	70.6	53.3	109.0	61.6	9.4	107.5	45.2	29.1	75.2	10.1	20.5	664.6	150	557.8	126
10/575	71.1	92.8	69.7	103.2	60.7	11.0	96.0	40.5	27.5	79.0	18.0	16.5	686.0		587.9	
10/742	38.0	56.5	80.0	100.0	83.5	5.5	124.0	48.5	33.5	102.5	0.0	37.5	709.5	175	612.0	151
11/ 65	54.2	47.3	71.6	82.7	39.0	9.2	73.8	40.4	36.1	92.5	13.1	64.2	624.1		481.9	
11/132	41.5	45.0	65.6	91.6	52.0	8.7	80.5	48.0	32.0	114.7	0.0	19.0	598.6	148	450.4	111
11/429	41.0	64.0	76.5	123.0	25.7	0.0	78.0	43.5	16.0	105.2	2.1	11.5	586.5		469.1	
11/617	47.5	47.0	44.5	80.5	36.0	0.0	72.5	54.0	21.0	83.5	0.0	0.0	486.5	134	322.5	89
12/220	46.5	59.0	72.2	140.8	35.5	11.0	80.5	70.5	20.5	164.5	16.0	44.5	761.5		516.6	
12/251	37.2	42.2	58.1	108.4	37.1	4.4	80.2	56.3	16.7	149.4	7.9	55.0	652.9	169	429.1	111
12/333	92.5	37.9	123.5	91.5	33.0	0.0	63.9	90.7	8.0	144.5	41.6	61.5	788.6	188	548.9	131
12/393	112.2	36.0	122.3	80.7	30.2	2.8	76.5	55.3	8.0	135.7	14.6	66.1	740.4	149	540.2	109
14/ 63	133.0	48.5	59.0	131.5	64.0	25.5	69.8	129.5	62.8	157.5	19.5	30.5	931.1	129	718.6	99
14/393	152.3	51.6	70.6	128.6	99.4	26.2	62.1	165.2	67.9	145.6	41.4	60.7	1071.6	98	863.4	79
14/633	96.0	44.0	42.0	120.5	100.0	27.0	47.4	174.5	69.0	79.5	39.0	51.6	890.5	145	675.5	109
16/484	96.5	50.5	83.0	99.3	119.0	18.5	67.2	195.0	39.0	121.0	62.2	66.0	1017.2		910.8	
17/452	106.5	22.5	97.5	107.5	57.0	52.5	49.5	80.0	51.5	79.5	22.0	49.0	775.0	116	764.9	114
17/582	81.0	28.8	65.5	99.7	72.9	80.1	31.1	104.9	40.9	84.3	19.9	87.3	796.4	124	844.1	131
17/723	78.5	19.5	77.5	83.3	28.0	34.0	25.5	123.0	28.0	61.0	40.0	52.0	650.3	127	525.2	2
20/649	5.9	2.9	21.8	79.5	162.7	16.5	21.4	54.3	27.5	34.2	1.7	0.8	429.2	102	450.1	107
20/685B	20.5	20.1	37.5	143.0	214.2	24.2	43.5	95.6	57.6	42.1	6.0	12.5	716.8		690.1	
20/689	37.9	21.7	66.8	139.6	248.6	27.4	36.8	108.5	79.5	55.5	6.8	29.0	858.1	69	984.5	79
20/714A	18.8	18.8	35.1	130.2	211.9	27.0	36.1	86.4	47.5	44.2	7.1	15.0	678.1		652.0	

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	φ S	λ E	H M	KWARTAAL / QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
20/716	TAMBOERSKLOOF	33°56′	18°24′	100	56·2		472·8		200·9		124·3	
20/719	TABLE MTN - DISA HEAD	3359	1824	747	103·7		930·1		448·8		291·3	
20/719A	TABLE MTN - KASTEELPOORT	3359	1824	762	89·5		916·3		378·5		240·3	
20/719B	TABLE MTN - WOODHEADDAM	3359	1824	747	94·4		857·4		324·5		211·2	
20/719C	TABLE MTN - HOUSE	3359	1824	761	69·3		846·1		317·3		215·2	
20/744	CAPE TOWN-CITY HOSPITAL	3354	1825	16	31·4		316·4		133·0		80·1	
20/746	TABLE MTN - LOWER RSV	3356	1825	88	52·4		496·6		234·0		136·6	
20/746A	TABLE MTN - MOLTENO RSV	3356	1825	93	54·1		481·2		217·1		136·9	
20/747	TABLE MTN - PLATTEKLIP	3357	1825	168	75·8		569·9		279·0		173·4	
20/748	TABLE MTN - WAAIVLEI	3358	1825	975	102·8		769·7		318·5		191·1	
20/748A	TABLE MTN - ST MICHAELS	3358	1825	930	118·1		1110·6		424·2		284·7	
20/748B	TABLE MTN - WAAIKOPJE	3358	1825	945	110·5		1148·9		434·9		310·2	
20/776	CAPE TOWN - FIRE STATION	3356	1826	53	41·5	102	416·7	292	167·5	66	94·4	85
20/778	TABLE MTN-MACLRS BEACON	3358	1826	1092	100·4		1054·2		364·7		258·7	
20/779	KIRSTENBOSCH-BOT GARDEN	3359	1826	89	56·6	58	838·1	275	305·6	47	191·0	68
20/839	CLAREMONT	3359	1828	30	22·5	98	707·7		264·4		165·8	
20/866	CAPE TOWN - ROYAL OBS	3356	1829	12	31·3	67	360·4	242	131·6	49	149·9	131
20/896	CAPE TOWN - PINELANDS	3356	1830	18	8·0		350·6		120·4		75·8	
21/ 55	CAPE TOWN - MAITLAND CEM	3355	1832	15	28·8		326·1		133·4		83·9	
21/111	DE GRENDEL	3351	1834	122	11·5		291·7		115·2		63·1	
21/130	VAN SCHOORSDRIFT	3340	1835	46	9·1		246·7		107·8		47·9	
21/178	DF MALAN - WK	3358	1836	44	18·2		315·5		114·2		80·0	
21/204	BELLVILLE - SAR KWEKERY	3354	1837	70	6·4		314·0		123·6		67·5	
21/230	ALTYDGEDACHT	3350	1838	183	18·4		338·6		146·5		72·6	
21/235	BELLVILLE - BOS	3355	1838	61	13·5		303·5		121·9		48·5	
21/260	DURBANVILLE - POL	3350	1839	157	8·7	19	367·0	238	148·8	52	79·0	64
21/330	EERSTERIVIER - BOS	3400	1841	30	27·0	71	345·2	283	127·0	56	111·5	114
21/357	LONG ACRES	3357	1842	58	28·7		365·5		130·3		74·5	
21/441	KRAAIFONTEIN - BOS	3351	1845	122	31·0		389·5		128·5		(69·5)	
21/591	ELSENBURG - AGR	3351	1850	181	33·9		389·4		131·1		102·4	
21/655	STELLENBOSCH - TNK	3355	1852	107	26·5	47	433·0	248	146·0	45	127·0	84
21/656	WELGEVALLEN - AGR	3356	1852	119	29·0		487·1		178·5		128·5	
21/778	JONKERSHOEK - BOS	3358	1856	275	55·8		604·5		288·2		214·7	
21/793	PAARL - AGR	3343	1857	166	22·5		503·8		156·5		134·1	
21/809	JONKERSHOEK - 2D	3359	1857	314	59·9		805·1		342·8		298·1	
21/809	JONKERSHOEK - 2D - NIS	3359	1857	314	60·4		817·4		346·5		301·5	
21/823	PAARL - TNK	3343	1858	166	34·0	57	465·3	220	149·0	35	104·5	58
21/838	JONKERSHOEK - 4W	3358	1858	701	75·9		1033·0		460·5		351·0	
21/838	JONKERSHOEK - 4W - NIS	3358	1858	701	88·1		1220·1		560·9		413·0	
21/860	BIEN DONNE	3350	1859	138	42·9		461·0		144·8		109·1	
21/878	WELLINGTON	3338	1900	107	37·3		451·3		113·8		86·7	
21/892	GROOT DRAKENSTEIN	3352	1900	146	41·8	59	554·9	232	175·9	41	132·0	74
21/900	JONKERSHOEK - 3W	3400	1900	472	123·0		1094·0		424·5		387·5	
21/900	JONKERSHOEK - 3W - NIS	3400	1900	472	127·1		1192·4		447·9		403·5	
22/ 4	WELBEDACHT	3334	1901	159	22·5		333·0		130·5		96·5	
22/ 29	JONKERSHOEK-VIRGIN PEAKS	3359	1901	1006	123·0		1353·0		470·5		355·5	
22/ 30	JONKERSHOEK - JONKERSNEK	3400	1901	1219	179·5		1992·0		713·0		502·5	
22/ 38	VRUGBAAR	3338	1902	168	46·5	76	515·6	268	127·3	39	103·8	67
22/ 99	ONVERWACHT	3339	1901	183	43·5		499·4		123·8		118·4	
22/113	LA MOTTE - BOS	3353	1904	223	25·0		365·0		144·4		79·8	
22/116	DRIEFONTEIN - BOS	3356	1904	294	46·0	38	989·4	244	323·2	37	161·3	45
22/204	FRANSCHHOEK	3354	1907	256	34·8		452·7		187·0		102·0	
22/368	SWARTVLEI	3338	1913	274	23·0		608·8		185·0		147·0	
22/471	STETTYNSKLOOF	3351	1916		40·2		503·9		163·6		108·0	
22/504	WELGEGUN	3354	1917	610	45·7		464·0		212·0		151·5	
22/521	RAWSONVILLE - POL	3341	1918	259	28·5		366·3		102·8		71·2	
22/539	VILLIERSDORP	3359	1918	366	50·0		324·9		180·9		98·0	
22/759	WORCESTER - TNK	3339	1926	221	25·0	109	130·2	250	58·2	51	49·6	96
22/792	BRANDVLEI DAM	3342	1927	213	30·8		164·6		66·7		50·2	
22/803	DOORNRIVIER	3353	1927	296	35·0		125·5		65·5		78·2	
23/100	ONDERPLAAS	3340	1934	241	30·0		85·5		39·5		58·0	
23/317	VERGELEGEN	3347	1941	230	35·9		87·2		51·7		48·8	
23/602	SOUTRIVIER	3332	1951	1097	32·0		150·3		54·8		55·5	
23/611	CONCORDIA	3341	1951	884	99·0		(176·0)		177·5		149·5	
23/629	RHEBOKSKRAAL	3359	1951	274	58·0		120·2		122·8		55·0	
23/674	DASSIESHOEK	3344	1953	457	128·9		204·4		104·5		106·4	
23/678	ROBERTSON - TNK	3348	1953	183	52·5	123	136·0	181	79·0	77	49·0	58
23/678A	ROBERTSON - SKL	3348	1953	183	56·2		134·6		80·6		49·1	
23/710	ROBERTSON - AGR	3350	1954	156	47·9		119·4		70·1		41·5	
24/101	MIDDELVOETPAD	3341	2004	366	57·0		85·0		60·3		66·0	
24/146	BONNIEVALE - SKL	3356	2005	145	34·3		156·0		90·6		51·4	
24/197	MONTAGU - MUN	3347	2007	223	69·3	209	153·6	220	166·8	178	73·5	87
25/162	BELLAIR DAM	3342	2036	533	33·5	131	59·0	173	48·0	172	25·0	74
25/414	BARRYDALE - POL	3354	2044	290	81·5		93·7		145·5		43·5	
25/451	ANYSBERG	3331	2046	457	44·6		72·0		44·0		50·6	
25/599	STRAWBERRY HILL - BOS	3358	2051	442	339·4	130	383·0	136	287·0	143	245·9	76
26/141	KROMKLOOF	3351	2105	450	45·5		51·5		46·0		21·0	
26/215	ALGERYNSKRAAL	3335	2108	411	61·3		96·8		64·0		52·5	
26/240	CORRENTERIVIER	3400	2108	381	184·0		232·0		171·1		159·3	
26/510	GARCIA - BOS	3400	2117	305	221·4		301·0		182·2		164·0	
27/302	CALITZDORP - POL	3332	2141	238	82·7	198	56·2	106	31·2	107	4 7	87
27/876	WELBEDAG	3336	2200	564	81·9		81·5		38·2		45·3	
28/ 83	RUITERBOS - BOS	3353	2203	229	266·3		281·5		156·9		215·2	
28/130	ARMOED - NOORD	3340	2205	275	57·9		70·5		39·5		40·0	
28/150	KWEPERTUIN	3400	2205	213	205·5		272·5		140·6		177·5	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	JAAR PER	YEAR JUL 1958 JUN 1959 MM	YEAR PER
20/716	32.1	24.1	49.5	171.6	251.7	31.0	48.4	121.5	72.0	45.7	6.6	22.3	876.5	123	838.5	117
20/719	68.7	31.0	109.6	249.5	571.0	83.4	125.5	239.9	152.0	117.8	21.5	69.2	1859.1	173	1653.0	155
20/719A	57.2	27.8	120.3	295.8	500.2	80.0	81.1	217.4	124.0	98.0	18.3	68.9	1689.0	113	1792.1	120
20/719B	64.9	22.3	108.9	249.0	499.5	67.0	80.5	177.0	111.9	85.8	13.5	51.7	1532.0	94	1575.2	97
20/719C	38.5	24.8	110.3	257.2	478.6	62.1	74.2	181.0	113.0	88.8	13.4	53.0	1494.9		1459.2	
20/744	14.0	17.4	30.9	120.6	164.9	20.4	28.4	84.2	36.3	39.3	4.5	8.6	569.5		527.6	
20/746	31.5	20.0	70.9	174.8	250.9	36.9	52.8	144.3	72.7	55.9	8.0	20.3	939.0	116	890.7	111
20/746A	31.9	20.0	59.1	168.0	254.1	31.1	47.7	138.3	71.1	58.6	7.2	21.6	908.7	110	874.0	106
20/747	42.1	27.2	49.6	192.9	327.4	47.7	69.3	162.0	90.1	70.5	12.8	27.0	1118.6	104	1115.5	104
20/748	68.4	26.2	101.5	239.3	428.9	56.5	94.0	168.0	107.8	64.8	18.5	52.0	1425.9	87	1476.4	90
20/748A	81.4	30.2	123.0	315.8	671.8	73.7	107.0	243.5	163.8	104.4	16.5	58.6	1989.7	112	2079.0	121
20/748B	80.7	24.0	121.7	324.2	703.0	80.0	105.8	249.1	176.7	112.0	21.5	69.4	2068.1	129	2172.4	135
20/776	23.4	17.4	44.6	144.5	227.6	24.0	39.6	103.9	54.0	34.2	6.2	8.7	728.1	133	713.2	130
20/778	68.2	26.0	121.5	272.2	660.5	62.0	80.5	222.2	143.7	97.2	17.8	55.8	1827.6	93	1951.7	99
20/779	48.0	8.3	48.1	202.4	587.6	57.0	49.1	199.5	115.8	70.9	4.3	10.3	1401.3	104	1492.9	111
20/839	17.2	5.2	34.5	184.0	489.2	45.4	33.9	185.1	105.8	56.2	3.8	12.4	1172.7	89	1290.8	
20/866	17.7	13.6	35.5	132.2	192.7	20.7	32.8	78.1	38.4	33.4	6.2	25.5	626.8	109	591.9	103
20/896	0.0	8.0	31.2	116.9	202.5	17.4	28.7	74.3	34.1	37.2	4.5	3.8	558.6	91	521.3	85
21/ 55	21.0	7.8	27.0	107.5	191.6	18.5	38.4	76.5	47.0	29.4	7.5	11.6	583.8	123	578.0	122
21/111	10.0	1.5	23.0	100.3	168.4	15.0	25.0	75.2	31.0	24.1	8.0	2.8	484.3	100	479.0	99
21/130	5.1	4.0	3.5	75.5	167.7	17.5	30.8	59.5	18.9	28.6	0.4	0.0	411.5	110	413.8	110
21/178	11.4	6.7	28.3	114.2	173.0	15.6	23.2	75.4	33.5	42.8	3.7	3.3	531.1		513.2	
21/204	4.0	2.4	12.5	102.5	199.0	23.5	17.6	82.5	29.8	32.4	5.3	0.0	511.5		496.2	
21/230	13.2	5.2	29.7	116.8	192.1	25.0	27.9	93.6	35.6	37.0	0.0	10.7	586.8	107	591.5	108
21/235	10.0	3.5	34.5	100.0	169.0	23.5	16.5	81.9	22.0	23.0	3.5	1.4	488.8	105	520.5	112
21/260	6.7	2.0	26.5	123.0	217.5	23.5	34.5	90.8	40.5	38.5	0.0	8.0	611.5	99	604.2	98
21/330	18.0	9.0	28.5	140.7	176.0	24.5	28.5	74.0	51.0	58.5	2.0	7.5	618.2	128	584.2	121
21/357	17.3	11.4	36.1	112.0	217.4	20.3	26.0	84.0	27.7	46.3	0.5	17.0	616.0		617.1	
21/441	20.0	11.0	27.5	121.5	240.5	32.5	25.0	71.0	(32.5)	35.0	2.0	1.5	(620.0)	130	649.3	136
21/591	23.1	10.8	18.1	102.1	269.2	29.1	24.5	77.5	41.6	56.5	4.3	20.8	677.6		674.9	
21/655	14.5	12.0	19.0	121.3	292.7	32.5	24.5	89.0	57.5	69.5	0.0	18.0	750.5	106	765.9	109
21/656	13.5	15.5	23.5	176.1	287.5	47.5	29.0	102.0	48.5	75.0	5.0	21.5	844.6		867.1	
21/778	38.7	17.0	34.7	224.0	345.8	73.7	39.7	174.8	88.0	118.4	8.3	39.8	1202.9		1145.9	
21/793	13.6	8.9	19.3	94.0	390.5	37.0	16.0	103.5	54.2	76.9	3.0	12.3	829.2		867.7	
21/809	38.8	20.6	52.6	295.4	457.1	90.0	61.0	191.8	122.7	161.0	14.4	52.5	1557.9	107	1546.2	106
21/809	39.3	20.6	54.4	298.0	465.0	90.8	62.4	193.3	123.6	163.0	14.7	53.2	1578.3		1571.7	
21/823	25.0	9.0	17.5	83.5	364.3	47.5	16.3	85.2	25.0	77.0	2.5	7.8	760.6	87	829.0	96
21/838	45.0	30.5	50.5	300.5	684.0	217.0	61.0	182.5	252.0	94.0	5.0	59.5	1981.5	94	2291.8	75
21/838	56.2	31.4	56.8	358.0	805.3	266.3	68.0	226.6	299.4	106.5	7.1	74.0	2355.6		2639.0	
21/860	31.6	11.3	25.1	115.8	320.1	35.7	17.5	91.6	35.2	72.3	1.6	12.8	770.6		828.8	
21/878	22.6	14.7	24.6	124.1	302.6	23.9	19.5	70.4	31.4	52.0	3.3	10.0	699.1		982.2	
21/892	27.0	14.8	21.6	142.3	391.0	38.5	21.4	116.0	43.3	87.5	1.2	11.0	915.6	100	982.2	107
21/900	66.5	46.5	139.0	506.5	448.5	84.5	93.0	247.0	259.0	112.0	16.5	70.5	2089.5	103	2126.5	105
21/900	69.0	47.4	145.1	575.3	472.0	87.7	98.7	261.5	269.5	115.9	18.1	71.5	2231.7		2270.1	
22/ 4	6.5	16.0	14.0	67.0	252.0	26.0	22.5	82.0	25.5	71.0	0.0	7.5	590.0	104	611.0	108
22/ 29	70.6	49.2	160.4	613.0	579.6	75.4	89.8	305.3	253.4	94.6	7.5	84.5	2383.3		2534.2	
22/ 30	98.5	67.0	228.0	889.5	874.5	118.0	145.0	450.0	347.0	138.5	17.0	117.5	3490.5		3594.5	
22/ 38	27.0	19.5	20.1	148.3	347.2	25.7	17.8	83.8	46.5	53.4	3.9	16.3	809.5	110	907.2	123
22/ 99	25.7	17.8	20.0	131.1	348.3	23.7	19.7	80.4	41.5	46.7	30.2	0.0	785.1	124	865.3	137
22/113	14.5	10.5	20.8	121.5	222.7	30.8	23.1	90.5	21.8	57.0	1.0	12.8	627.0	80	651.0	83
22/116	24.0	22.0	17.7	210.5	761.2	60.5	52.2	210.5	82.8	76.5	2.0	35.6	1555.5	88	1846.9	104
22/204	30.3	4.5	17.0	132.7	303.0	31.5	36.5	119.0	41.0	61.0	0.0	17.7	794.2	86	851.2	92
22/368	0.0	23.0	32.0	126.8	450.0	33.0	15.0	137.0	37.0	110.0	0.0	23.0	986.8	101	985.2	101
22/471	18.9	20.1	17.2	104.1	382.6	22.2	30.8	110.6	33.5	73.8	0.7	11.7	826.2		874.6	
22/504	28.0	15.2	20.5	141.5	302.0	12.0	55.0	145.0	39.0	112.5	0.0	15.8	886.5	133	842.3	126
22/521	4.5	24.0	9.0	82.6	274.7	17.0	13.5	72.3	14.0	57.2	0.0	18.5	587.3	99	669.6	112
22/539	32.0	18.0	22.0	119.2	183.7	24.2	39.0	117.7	28.5	65.5	4.0	13.0	666.8	114	619.9	106
22/759	3.0	22.0	5.5	38.1	86.6	8.0	10.4	39.8	3.1	46.5	0.0	0.2	263.2	109	233.9	97
22/792	4.5	22.3	0.0	56.1	108.5	9.0	16.1	41.6	5.1	45.1	0.0	2.5	310.8		310.0	
22/803	15.0	20.0	12.0	40.5	73.0	5.0	18.0	42.5	19.0	59.2	0.0	4.5	308.7		272.4	
23/100	4.0	26.0	16.0	33.0	36.5	0.0	17.5	22.0	0.0	58.0	0.0	0.0	213.0		169.0	
23/317	9.4	26.5	8.7	43.1	35.4	0.2	26.2	25.3	0.2	48.5	0.1	0.3	223.9		185.5	
23/602	8.1	23.9	17.3	41.5	91.5	9.3	12.9	32.6	22.3	33.2	0.0	4.0	296.6		266.7	
23/611	54.0	45.0	--	112.5	63.5	37.0	32.0	108.5	48.5	70.5	30.5	16.5	(618.5)	142	(574.7)	131
23/629	28.0	30.0	14.0	55.0	51.2	5.0	72.8	45.0	15.0	40.0	0.0	6.5	362.5	149	285.7	118
23/674	55.9	58.9	47.9	96.4	60.1	5.9	25.5	73.1	25.1	71.4	9.9	14.1	544.2	111	524.8	107
23/678	17.5	35.0	18.5	67.5	50.0	4.0	30.0	45.0	12.5	36.5	0.0	4.5	321.0	105	308.5	102
23/678A	21.3	30.8	20.4	59.3	54.9	4.4	26.1	50.1	12.7	36.4	0.0	9.7	326.1	113	296.9	103
23/710	14.9	30.4	16.2	57.2	46.0	5.7	27.9	36.5	8.9	32.6	0.0	5.7	282.0		278.9	
24/101	24.5	32.5	4.0	39.0	42.0	1.5	42.0	16.8	13.5	24.0	28.5	0.0	268.3	160	215.6	128
24/146	8.7	24.8	21.8	79.4	54.8	1.4	52.7	36.5	6.6	43.3	1.5	3.0	334.5	136	281.9	115
24/197	35.6	27.2	6.3	103.0	44.3	11.8	75.0	80.0	33.4	40.1	0.0	5.8	462.5	164	401.8	142
25/162	4.5	29.0	0.0	36.0	23.0	0.0	30.0	18.0	0.0	25.0	0.0	0.0	165.5	137	131.0	108
25/414	39.5	42.0	8.0	51.2	34.5	5.0	91.0	49.5	21.0	22.5	0.0	15.0	379.2	142	266.6	100
25/451	10.1	34.5	19.0	26.0	27.0	0.0	26.0	18.0	0.0	50.6	0.0	2.5	213.7		175.1	
25/599	126.9	123.5	146.5	140.0	96.5	31.0	121.5	134.5	58.5	133.9	53.5	54.0	1220.3	115	1142.9	107
26/141	16.5	29.0	0.0	31.0	20.5	0.0	42.5	3.5	3.5	14.5	3.0	8.0	172.0		124.5	
26/215	11.5	44.2	4.5	62.5	29.8	0.1	41.5	22.4	12.1	40.4	0.0	0.1	269.1	192	189.7	[illegible]
26/240	81.5	92.5	91.7	75.3	65.0	7.5	100.0	63.6	37.0	103.3	19.0	15.5	751.9	117	657.0	102
26/510	83.2	99.2	115.0	112.0	74.0	5.5	117.2	59.5	28.0	124.0	12.0	20.0	849.6	152	686.7	123
27/302	13.0	63.0	10.6	24.6	21.0	0.4	19.7	11.1	3.8	42.9	0.0	1.5	211.6	119	177.1	99
27/876	39.7	34.0	21.0	37.0	23.5	1.5	21.2	15.5	4.5	40.8	0.0	4.5	243.2	175	199.	144
28/ 83	91.5	66.7	139.9	106.1	35.5	16.5	73.2	65.2	28.0	135.6	51.6	65.0	877.8	118	776.8	[illegible]
28/130	27.9	24.9	13.0	35.5	22.0	0.0	20.7	18.8	6.3	30.7	3.0	11.5	214.3		176.5	
28/150	106.5	45.0	128.0	106.5	38.0	6.5	58.1	76.0	13.5	132.0	32.0	27.0	769.1	165	643.5	138

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
28/208	PINE GROVE - BOS	33°57'	22°07'	305	287·2		310·4		146·1		191·8	
28/335	OUDTSHOORN - TNK	3335	2212	332	106·2	226	96·8	142	63·1	131	80·4	108
28/335A	OUDTSHOORN - CON	3335	2212	335	91·1		(91·5)		60·1		82·9	
28/335B	OUDTSHOORN - MUN	3335	2212	343	91·9		103·7		61·5		103·0	
28/407	GROOT - DOORNRIVIER	3347	2214	533	81·9	216	98·5	152	79·0	139	47·0	66
28/415	JONKERBERG - BOS	3355	2214	457	300·9	104	289·8	111	161·3	94	252·4	81
28/536	KLEINFONTEIN	3356	2218	320	234·3		254·3		109·5		179·1	
28/655	GEELHOUTBOOMBERG - BOS	3355	2222	460	353·3		378·4		155·0		322·5	
28/748	GEORGE - WK	3358	2226	221	264·5		260·6		168·6		240·6	
28/771	HEROLD - POL	3351	2226	579	161·7	200	166·4	155	152·4	150	143·5	95
28/775	WITFONTEIN - BOS	3355	2226	610	317·9		313·2		174·0		291·4	
28/838	GEORGE	3358	2228	229	298·4	131	280·6	135	196·6	129	294·7	112
28/842	LE ROUX - SAR	3332	2229	408	77·8		117·5		643·		95·4	
29/ 58	PARADYS	3358	2232	223	286·0		284·3		224·7		315·7	
29/291	KLEINPLAAT - BOS	3351	2240	610	176·3		228·8		195·5		183·5	
29/294	BERGPLAATS - BOS	3354	2240	457	274·4		288·1		194·3		236·2	
29/297	WOODVILLE - BOS	3357	2240	213	276·0	128	319·7	167	189·3	142	256·5	111
29/450	SWARTVLEI	3400	2245	5	253·8		260·4		243·7		224·0	
29/534	GEELHOUTBOOM - BOS	3354	2248	305	308·5		303·0		187·0		200·3	
29/542	ROOIRIVIER	3332	2249	564	112·4	250	112·2	158	91·0	165	47·2	68
29/624	KARATARA - BOS	3354	2251	297	312·4		277·0		196·5		225·5	
29/684	FARLEIGH - BOS	3354	2253	335	393·3		379·8		245·2		260·6	
29/692	BUFFELSKLIP	3332	2254	610	93·5		98·6		67·5		26·4	
29/805	GOUDVELD - BOS	3355	2257	216	297·3	148	323·0	171	268·4	192	229·4	97
29/863	MILLWOOD - BOS	3353	2259	457	353·1		334·1		259·4		295·9	
30/ 88	GOUNA - BOS	3358	2303	305	365·5		313·4		253·0		273·5	
30/ 90	CONCORDIA - BOS	3400	2303	259	307·5	126	258·6	116	187·0	95	250·3	89
30/219	UNIONDALE - TNK	3339	2308	762	104·2	179	132·7	153	114·9	162	50·7	58
30/265	BUFFELSNEK - BOS	3355	2309	724	317·7	108	318·0	121	246·9	115	294·2	86
30/283	AVONTUUR - SAR	3343	2310	871	141·5		203·8		156·7		89·9	
30/323	ROOIMUUR	3353	2311	381	261·7		247·9		197·0		198·5	
30/390	KAFFERSKOP - BOS	3400	2313	396	262·8		267·1		225·9		243·4	
30/446	KRANSBOS - BOS	3356	2315	361	268·7		288·0		197·5		223·3	
30/493	DE HOOP	3343	2317	686	126·7		168·2		146·3		91·7	
30/524	WELGELEGEN	3344	2318	853	151·5	179	187·7	147	177·2	161	101·9	77
30/764	ONGELEGEN	3344	2326	792	112·7		141·8		125·3		69·9	
30/775	KEURBOOMSRIVIER - BOS	3355	2326	305	267·0		333·0		168·0		170·0	
31/167	KLEINRIVIER	3347	2336	640	193·5		169·9		188·1		155·5	
31/237	BLOUKRANS - BOS	3357	2338	243	300·5		348·3		247·3		210·0	
31/438	KRAKEELRIVIER	3348	2345	570	160·7		137·8		216·8		112·2	
31/507	LOTTERING - BOS	3357	2347	229	296·3		337·2		260·6		232·1	
31/619	JOUBERTINA	3349	2351	544	156·9		128·1		169·6		83·8	
31/688	STORMSRIVIER - BOS	3358	2353	243	278·2	109	301·4	124	295·8	128	290·2	91
31/782	STUDTIS - BOS	3332	2357	760	78·9		81·5		52·2		18·7	
31/810	BLOULELIESBOS - BOS	3400	2357	300	307·4		362·8		315·6		297·5	
32/173	HENDRIKSKRAAL	3353	2406	305	112·9		172·7		212·8		141·6	
32/209	WITELSBOS - BOS	3359	2407	227	352·3	131	345·5	134	400·7	150	341·7	105
32/275	ZANDVLAKTE	3335	2410	457	103·7		60·5		35·2		31·1	
32/408	NOOITGEDACHT	3348	2414	457	138·1		(59·5)		(59·8)		48·5	
32/503	ZUUR ANYS	3353	2417	427	190·9		194·9		152·3		112·9	
32/507	KAREEDOUW - POL	3357	2417	335	255·7		200·8		228·5		236·9	
32/600	KROMRIVIER - BOS	3400	2420	450	327·1		300·0		279·5		244·5	
32/640	KRUISRIVIER	3340	2422	267	90·0		113·1		50·5		34·0	
33/283	MISTKRAAL	3343	2440	146	104·5		178·5		69·5		39·6	
33/384	LANGHOOGTE	3354	2443	350	123·3		145·9		143·9		105·7	
33/526	PATENSIE - POL	3346	2448	55	98·0		193·0		59·7		48·5	
33/613	FERNDALE	3343	2451	259	166·0		224·4		112·2		55·9	
33/680	MANKEY	3350	2453	122	(61·5)		200·8		100·5		62·5	
33/702	NOAGA - BOS	3342	2454	686	236·0		294·9		178·5		104·1	
33/856	OTTERFORD-MIO TS 395-BOS	3346	2459	428	249·2		277·6		185·3		110·6	
33/871	TIERHOEK	3331	2500	457	107·0		163·4		148·1		64·4	
34/ 47	OTTERFORD - BOS	3347	2502	535	283·6		355·0		199·1		109·3	
34/ 52	LOERIE - SAR	3352	2502	91	155·5		247·0		151·3		91·0	
34/ 78	BLUE BERG - BOS	3348	2503	457	397·8		366·5		205·4		200·3	
34/ 80	LOWER FOREST AREAS - BOS	3350	2503	229	202·0		299·3		155·0		89·6	
34/121	ADOLPHSKRAAL	3331	2505	335	81·9		156·5		50·2		22·6	
34/138	LOERIE - BOS	3348	2505	457	311·3		322·0		198·3		138·3	
34/231	LONGMORE - BOS	3351	2508	183	222·5		258·0		166·0		122·0	
34/319	VAN STAADENS - MOUNTAIN	3349	2511	457	236·5		293·5		240·5		146·0	
34/381	VAN STAADEN S - RSV	3351	2513	305	255·8	136	310·8	133	229·4	133	165·5	62
34/405	TRIG KOP - BOS	3345	2514	638	168·5		173·5		132·5		154·0	
34/523	ELANDSRIVIER - BOS	3343	2518	229	160·0		192·0		127·0		62·9	
34/581	DIE VLEI - BOS	3341	2520	533	150·0		201·5		110·0		99·5	
34/734	UITENHAGE - SPRINGS	3344	2525	122	166·3		211·6		99·5		77·9	
34/766	UITENHAGE - PUR	3346	2526	32	140·8		172·7		114·3		47·2	
35/ 60	EMERALD HILL	3400	2532	152	148·0		299·2		246·4		228·9	
35/148	WALMER - MUN	3358	2535	73	132·0		239·6		248·4		188·8	
35/179	PORT ELIZABETH - WK	3359	2536	62	136·7		220·8		229·6		170·7	
35/271	HERMITAGE	3331	2540	122	101·4		212·0		129·1		40·5	
35/299	HUMEWOOD - GOLF CLUB	3359	2540	15	111·0		224·0		201·0		154·0	
35/334	ADOO - CITRUS RES STN	3334	2542	85	125·7		207·9		128·0		40·	
35/605	ARIZONA	3335	2551	290	154·5		189·4		209·5		67·2	
36/397	HILLCREST	3337	2614	229	226·1		234·4		223·3		150·9	
36/530	BIRD ISLAND - VRT	3350	2618	4	149·8		224·2		171·7		90·2	
36/605	LONGVALE	3335	2621	290	157·7	124	187·8	125	180·5	174	95·2	54

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	M A A N D - M O N T H MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	J A A R JAN 1959 DEC 1959 MM	PER	Y E A R JUL 1958 JUN 1959 MM	PER
28/208	97·0	85·2	139·8	127·4	43·2	10·0	76·8	59·3	21·5	130·2	40·1	78·7	909·2		814·4	
28/335	39·0	37·2	18·4	54·0	24·4	2·1	27·5	33·5	12·1	49·8	18·5	19·7	336·2	142	279·6	118
28/335A	30·5	36·9	15·1	53·5	(22·9)	2·4	26·9	30·8	7·9	54·0	21·0	17·5	(319·4)		261·4	
28/335B	32·5	36·9	21·7	58·0	24·0	1·5	27·5	32·5	11·0	73·0	19·0	19·0	356·6	146	278·3	113
28/407	33·0	18·2	15·5	58·0	25·0	0·0	52·0	27·0	5·0	38·0	4·0	19·0	294·7	128	240·9	104
28/415	134·9	90·2	126·3	118·9	44·6	6·3	77·0	78·0	23·3	152·6	76·5	111·0	1039·6	103	832·2	83
28/536	91·1	74·8	127·0	86·7	40·6	3·5	55·5	50·5	25·1	130·5	23·5	78·0	786·8	126	659·5	106
28/655	152·3	85·0	174·0	124·7	79·7	8·0	62·0	85·0	38·4	195·0	89·1	93·0	1186·2		1083·1	
28/748	128·5	63·1	111·6	95·8	53·2	4·2	69·2	95·2	19·6	173·3	47·7	69·1	930·5		733·2	
28/771	65·5	26·8	32·3	79·1	55·0	8·3	66·2	77·9	27·6	96·4	19·5	45·8	600·4	136	504·8	114
28/775	152·1	81·5	145·0	105·2	63·0	4·2	68·8	101·0	31·1	184·6	75·7	71·0	1083·2		922·0	
28/838	133·4	78·3	118·0	104·9	57·7	6·2	84·0	106·4	31·4	202·3	61·0	94·2	1077·8	127	843·9	99
28/842	38·0	29·8	14·5	67·0	36·0	6·0	17·1	41·2	33·4	47·5	14·5	13·3	358·3	148	283·5	117
29/ 58	115·0	81·6	115·0	120·3	49·0	5·0	116·3	103·4	40·8	213·5	61·4	82·0	1103·3	134	795·6	97
29/291	77·4	50·4	56·7	101·8	70·3	3·5	92·7	99·3	27·9	125·3	30·3	48·0	783·6	134	589·1	101
29/294	122·1	70·6	119·8	111·3	57·0	7·2	83·8	103·3	32·9	145·7	57·6	88·3	999·6	120	830·3	99
29/297	128·0	72·8	157·2	121·5	61·0	6·5	84·8	98·0	34·5	163·5	58·5	119·0	1085·3	141	850·5	110
29/450	150·4	63·1	89·5	111·2	59·7	3·8	80·4	159·5	44·2	157·8	22·0	71·5	1013·1		691·5	
29/534	173·0	77·0	127·5	115·5	60·0	0·0	70·0	117·0	39·5	129·8	31·0	64·0	1004·3	124	794·5	98
29/542	79·4	28·5	0·5	78·0	33·7	2·5	37·0	51·5	0·0	47·2	0·0	8·0	366·3	152	284·5	118
29/624	203·5	71·0	130·0	97·0	50·0	3·0	67·0	126·5	48·5	116·5	60·5	81·3	1054·8	129	803·7	98
29/684	207·2	88·1	168·5	144·2	67·1	2·0	88·7	154·5	39·2	177·7	43·7	82·0	1262·9	126	1062·0	105
29/692	54·0	25·0	12·5	71·1	15·0	0·0	25·5	42·0	0·0	1·5	24·9	12·5	284·0	185	230·1	149
29/805	157·4	65·4	97·2	165·2	60·6	5·9	97·5	165·0	57·5	133·1	38·8	90·3	1133·9	149	870·5	114
29/863	185·4	98·8	106·1	158·0	70·0	4·0	117·9	137·5	62·2	181·3	52·4	86·2	1259·8	120	1019·6	97
30/ 88	203·0	78·5	81·9	165·0	66·5	8·5	110·5	134·0	64·0	171·5	38·0	78·0	1199·4	135	952·9	106
30/ 90	179·0	70·5	44·5	131·6	82·5	11·5	70·5	105·0	73·4	165·4	11·5	67·0	1012·4	107	776·6	82
30/219	55·7	22·8	14·1	82·2	36·4	3·2	44·2	67·5	6·5	40·7	3·5	21·8	398·6	131	321·3	106
30/265	151·3	67·6	101·5	146·5	70·0	22·1	79·2	145·6	73·5	165·2	55·5	90·6	1168·6	105	1023·8	92
30/283	67·5	30·0	45·3	110·5	48·0	7·5	51·5	97·7	18·4	58·5	13·0	40·5	588·4	137	532·4	124
30/323	132·9	44·4	76·1	123·3	48·5	15·0	60·0	122·0	60·5	105·1	32·9	68·7	889·4	118	790·5	105
30/390	122·7	61·9	56·7	134·4	76·0	19·5	64·0	142·4	68·7	137·2	37·5	76·5	997·5	120	838·6	101
30/445	130·5	63·0	94·5	125·0	68·5	14·5	59·0	124·0	54·5	112·5	56·3	83·0	985·3	125	826·9	105
30/495	58·9	30·8	24·9	87·2	56·1	14·7	47·3	84·3	14·9	63·2	13·6	41·6	537·5	142	446·4	118
30/524	76·2	29·3	28·8	100·7	58·2	9·4	70·9	96·9	23·1	62·7	16·1	34·5	606·8	133	520·2	114
30/764	66·7	21·5	26·4	89·5	25·9	6·0	40·3	79·0	18·8	47·9	3·2	20·6	445·8	113	402·5	102
30/775	132·5	51·0	113·0	134·5	85·5	0·0	59·5	108·5	26·0	98·5	45·5	51·5	906·0	114	819·5	103
31/167	100·5	33·5	49·2	79·2	41·5	7·0	75·1	106·0	52·0	64·3	39·2	54·9	702·4	117	618·9	103
31/237	146·6	51·7	105·5	146·6	96·2	8·9	105·5	132·9	64·5	103·7	41·8	60·5	1064·4	107	969·3	97
31/438	106·8	19·3	29·3	69·0	39·5	17·2	93·6	106·0	50·0	57·7	4·5	65·1	658·0	120	545·5	100
31/507	151·4	53·1	98·4	128·4	110·4	13·0	111·4	136·2	67·5	103·9	60·7	63·9	1098·3	96	964·2	84
31/619	91·8	13·1	28·5	66·1	33·5	9·8	75·9	83·9	36·5	34·9	12·4	39·8	526·2		466·5	
31/688	154·9	48·9	50·9	124·3	126·2	18·8	121·0	156·0	77·0	177·7	35·5	74·0	1165·2	104	972·5	93
31/782	35·4	33·7	14·8	46·9	19·8	0·0	26·5	25·7	0·0	15·8	2·9	22·3	243·8		230·5	
31/810	168·0	51·2	98·2	146·5	118·1	22·9	112·7	180·0	124·0	145·0	28·5	79·2	1274·3		1063·7	
32/173	77·8	2·5	41·2	78·3	53·2	12·2	89·2	111·4	54·1	64·4	23·1	51·4	658·8		538·8	
32/209	201·2	58·6	119·3	129·0	97·2	32·8	131·9	236·0	120·2	153·8	67·7	75·3	1423·0	127	1131·7	101
32/275	22·0	45·0	23·5	15·5	21·5	0·0	7·0	28·2	0·0	23·1	8·0	18·5	212·3	72	231·9	79
32/408	78·1	35·0	--	51·5	8·0	--	16·0	43·8	7·5	34·5	6·5	35·0	(315·9)		(294·9)	
32/503	99·4	33·5	71·2	89·8	33·9	7·8	43·9	100·6	38·9	50·4	23·6	72·1	665·1	103	587·0	91
32/507	117·3	58·7	62·8	63·0	75·0	17·8	97·0	113·7	77·6	105·7	53·6	91·0	933·2	116	706·0	88
32/600	104·5	94·6	92·0	120·5	87·5	44·5	73·0	162·0	64·0	110·0	70·5	39·0	1062·1		997·6	
32/640	35·0	42·5	31·5	69·1	12·5	0·0	13·5	37·0	2·0	21·0	11·0	11·5	286·6	101	267·1	94
33/283	42·5	29·0	48·2	114·2	16·1	0·0	27·5	42·0	9·0	24·6	6·0	21·5	380·6	97	408·9	104
33/384	62·7	24·7	49·8	79·1	17·0	24·1	58·8	61·0	37·7	49·0	19·0	22·1	505·0	91	491·1	88
33/526	45·5	18·5	54·0	109·5	29·5	5·0	29·0	25·7	14·0	34·5	0·0	22·0	387·2		392·5	
33/613	49·4	37·1	94·8	95·3	34·3	6·5	36·6	69·1	12·7	31·8	11·4	23·6	502·6	97	543·9	104
33/680	40·0	21·5	63·0	108·0	29·8	8·5	25·5	66·5	12·4	34·3	15·8	23·0	448·3	109	(390·0)	95
33/702	86·0	68·0	132·5	107·9	54·5	9·5	57·5	111·5	18·5	48·6	37·0	28·0	759·5	119	790·7	124
33/856	88·0	66·4	131·0	91·0	55·6	13·0	58·3	114·0	17·3	44·5	48·8	31·5	759·4	118	801·9	125
33/871	44·3	23·4	63·0	69·7	30·7	2·5	65·1	80·5	8·6	23·6	32·2	24·2	467·8	141	392·9	119
34/ 47	123·1	63·1	162·6	132·5	59·9	19·4	59·7	120·0	32·3	33·6	43·4	45·2	894·8	92	958·7	98
34/ 52	81·5	28·0	82·0	122·5	42·5	12·5	52·8	86·0	24·5	48·0	18·5	35·5	634·3	127	573·0	115
34/ 78	169·8	88·0	165·0	138·0	63·5	5·4	95·7	104·3	36·5	98·3	65·5	50·0	1080·0	111	1131·3	117
34/ 80	85·0	46·0	142·0	118·5	38·8	0·0	64·7	90·3	20·8	27·0	41·8	33·4	708·3	126	717·5	129
34/121	29·9	31·0	54·9	84·3	17·3	0·0	23·5	26·7	0·5	10·6	11·5	22·3	312·5	132	303·8	128
34/138	132·5	74·9	129·2	127·0	65·8	15·4	82·0	100·9	31·3	59·9	47·1	33·7	899·7	123	918·2	126
34/231	95·5	43·5	99·0	103·5	65·5	0·0	70·0	96·0	36·0	43·0	43·0	38·6	733·6	95	735·8	95
34/319	134·0	29·5	122·0	116·5	55·0	34·0	112·0	94·5	52·5	62·5	31·0	63·5	907·0	119	843·5	110
34/381	140·1	38·5	122·3	123·9	64·6	34·2	103·2	92·0	57·0	71·3	37·2	65·9	950·2	110	917·2	107
34/405	66·5	42·0	62·0	90·0	21·5	8·0	46·5	78·0	74·0	39·0	41·0	23·5	592·0	81	535·5	73
34/523	41·4	26·5	78·0	95·0	19·0	10·0	41·5	75·5	13·5	25·0	24·4	25·5	475·3	93	508·2	99
34/581	59·0	38·5	77·5	113·5	10·5	9·0	38·0	63·0	39·0	28·0	32·5	10·5	519·0	69	514·5	68
34/734	98·8	16·5	103·0	87·0	21·6	6·5	43·0	50·0	12·8	46·0	19·1	35·5	539·8	117	534·0	116
34/766	71·7	20·1	85·5	73·1	14·1	7·8	54·1	52·4	15·3	23·4	8·5	28·9	454·9		432·4	
35/ 60	59·5	25·0	132·0	110·1	57·1	80·7	95·5	70·2	58·1	117·6	53·2	34·1	893·1	116	840·3	110
35/148	75·6	17·7	105·6	99·2	34·8	61·6	110·1	76·7	45·4	106·1	37·3	21·7	791·8	119	687·1	103
35/179	83·1	14·9	104·7	90·6	25·5	55·3	99·6	74·7	51·6	95·5	23·6	22·2	741·3	129	642·9	111
35/271	65·0	16·2	99·7	81·4	30·9	1·4	60·7	67·0	8·0	23·2	9·3	37·4	500·2	139	418·4	116
35/299	81·1	11·0	120·0	81·5	22·5	43·5	92·0	65·5	35·5	101·0	17·5	14·5	685·6	127	525·5	97
35/334	75·5	22·2	100·0	78·3	29·6	1·5	57·7	68·8	6·8	25·3	8·3	42·6	516·6		446·8	
35/605	95·5	27·5	79·9	92·2	17·3	10·1	113·0	85·4	27·0	18·2	22·0	40·8	628·9	175	509·4	14.
36/397	123·2	30·7	119·1	75·5	39·8	28·0	137·0	58·3	63·6	62·4	24·9	64·6	827·1		731·0	
36/530	102·8	22·4	89·6	55·4	79·2	43·0	83·1	45·6	26·8	52·1	11·3	27·2	638·5		566·8	
36/605	89·3	20·7	87·6	67·0	33·2	21·0	119·5	40·0	44·5	40·5	10·2	60·0	633·5	114	554·2	99

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
36/642	LONGBUSH - BOS	3342	2622	198	207·4		296·5		258·0		199·6	
36/729	ALEXANDRIA - POL	3339	2625	204	160·7	129	224·3	136	216·3	160	123·9	65
37/282	BOESMANSRIVIERMOND	3342	2640	76	199·6		262·6		178·5		127·3	
37/541	BATHURST	3331	2649	259	205·0		252·0		126·0		111·1	
37/696	PORT ALFRED	3336	2654	61	181·0	125	229·0	134	132·0	99	149·1	71
38/152	GREAT FISH POINT - VRT	3332	2706	73	224·5		257·6		147·0		181·4	
40/ 35	LANGEBAAN - POL	3305	1802	5	10·4		165·6		92·9		52·5	
40/146	DASSEN EILAND - VRT	3326	1805	5	8·6		235·9		68·1		49·1	
40/604	HOPEFIELD - POL	3304	1821	30	8·2	46	163·7	228	87·4	51	43·0	68
40/653	THE TOWERS	3323	1822	229	14·5	44	273·3	240	182·6	80	75·0	77
40/682	DARLING - POL	3322	1823	152	15·5		237·6		154·4		63·5	
40/875	VLAKVLEI	3305	1830	46	12·8		162·8		99·5		72·5	
41/ 60	BURGHERSPOST	3330	1832	183	13·0		345·3		186·9		93·9	
41/347	LANGGEWENS - AGR	3317	1842	91	15·8		211·8		105·5		60·2	
41/417	MALMESBURY - TNK	3327	1844	140	24·0	74	296·5	280	134·0	64	72·0	83
41/684	KLOVENBURG	3324	1853	297	(28·5)		(310·0)		164·5		93·2	
41/713	RIEBEEK - KASTEEL	3323	1854	122	26·8		318·0		170·5		87·9	
41/836	RONDEHEUWEL	3326	1858	73	(2·4)		275·5		120·6		70·4	
41/871	PORTERVILLE	3301	1900	137	(9·3)		283·6		124·8		87·3	
42/166	MONT PELLIER - TULBAGH	3316	1906	151	29·2		298·2		125·7		81·2	
42/201	WATERFALL - BOS	3321	1907	117	25·0		409·6		176·0		138·2	
42/227	TULBAGH - POL	3317	1908	155	25·2	70	249·8	234	117·0	55	86·0	82
42/280	REMHOOGTE	3310	1910	760	42·2		595·0		228·1		162·9	
42/325	KLUITJESKRAAL - BOS	3325	1911	268	28·6		404·3		161·8		116·0	
42/415	WAVERLEY MILLS	3325	1914	305	27·8	54	405·2	280	127·2	44	100·3	81
42/532A	CERES - MUN	3322	1918	456	40·8		584·5		283·5		227·5	
42/581	BOKVELDSKLOOF	3311	1920	1067	31·5		337·5		132·5		148·5	
42/785	FARM LOCH LYNNE	3305	1927	975	48·5		151·7		167·8		41·3	
42/802	AGTERFONTEIN	3322	1927	536	35·0		211·0		81·0		61·5	
43/109	KLONDYKE	3319	1934	1219	73·1		419·8		180·0		127·1	
43/516	SPES BONA	3306	1948	604	14·0	76	95·6	310	14·2	41	13·8	56
43/566	MATROOSBERG	3326	1949	965	32·1		145·5		49·4		56·0	
44/ 50	TOUWSRIVIER - SAR	3320	2002	762	22·7	80	105·7	212	41·3	48	9·4	20
44/134	NOOITGEDAG	3314	2005	838	18·5		208·2		33·2		16·0	
44/286	JAN - DE - BOERS	3316	2010	847	23·7		142·7		39·8		13·5	
44/765	PIETER MEINTJIES - SAR	3315	2026	1065	24·0	83	(112·1)	200	55·5	57	47·5	92
44/812	DIE LIBANON	3302	2028	1215	60·0		116·8		46·8		78·0	
45/134	MATJIESFONTEIN - SAR	3314	2035	904	34·2	154	69·0	153	26·7	56	53·7	180
45/184	DWARS - IN - DIE - WEG	3304	2037	914	34·0		54·5		39·5		87·0	
45/224	WHITE HILL - SAR	3314	2038	843	40·5		59·9		15·0		53·0	
45/611	LAINGSBURG	3311	2051	659	20·0		52·6		16·9		53·0	
45/848	FABERSKRAAL	3308	2059	790	49·3		44·7		17·3		22·0	
45/857	FLORISKRAALDAM	3317	2059	610	58·5		44·2		30·2		66·7	
46/ 58	BUFFELSVLEI	3328	2102	381	54·5		102·1		40·0		57·0	
46/457	KOUP - SAR	3307	2116	733	36·5		27·5		0·0		30·5	
46/471	RIETVLEI	3321	2116	853	41·6	150	98·5	198	87·9	195	68·2	141
46/472	NIETVOORBY	3322	2116	760	(51·2)		117·2		94·5		70·3	
46/479	LADISMITH - TNK	3329	2116	533	101·5	170	163·5	189	101·5	179	68·5	77
46/898	OPSOEK - POS	3328	2130	518	96·5		80·0		47·0		48·7	
47/359	CALITZDORPDAM	3329	2142	366	88·0		67·5		34·0		44·0	
47/436	WELTEVREDEN	3316	2145	511	64·5		33·9		33·9		30·3	
47/716	KRUISRIVIER	3326	2154	579	140·6		146·6		94·0		98·5	
47/765	DAMASKUS	3315	2156	910	64·9		36·5		30·9		36·3	
47/801	KLIPHUISVLEI - BOS	3321	2157	1370	156·5		131·9		124·3		86·0	
48/ 43	PRINCE ALBERT - TNK	3313	2202	686	68·5	222	47·0	90	30·0	107	41·5	110
48/ 51	DEWETSVLEI - BOS	3321	2202	1525	299·2		365·3		209·0		253·1	
48/ 79	SWARTBERG - BOS	3319	2203	1600	204·2		168·0		181·8		110·2	
48/ 83	MATJIESRIVIER - SKL	3323	2203	732	127·0		173·7		106·6		117·5	
48/142	ALBERTBERG - BOS	3322	2205	1067	233·2		230·3		170·3		189·5	
48/275	ZACHARIASFONTEIN	3305	2210	815	68·6		40·5		19·8		28·3	
48/383	KANGOGROTTE	3323	2213	640	137·9		136·8		93·8		100·3	
48/564	MELVILLE DAM	3324	2219	762	148·4		194·0		114·5		151·3	
48/624	RUST - EN - VREDE	3324	2221	762	184·2		225·1		124·3		163·8	
49/ 50	KLAARSTROOM - POL	3320	2232	732	74·2		53·6		19·4		26·0	
49/ 60	DE RUST - POL	3330	2232	533	104·0	165	132·4	144	73·0	111	112·5	113
49/ 92	ZEEKOEGAT	3302	2234	1003	18·0		17·3		1·5		12·7	
49/276	KLIPGAT	3306	2240	914	25·3		51·2		0·0		23·5	
49/372	RONDAWEL	3312	2243	853	74·0		54·1		2·8		15·3	
49/562	MATJESVLEI	3322	2249	838	94·6	264	75·4	179	24·1	136	24·0	79
49/868	ROOIKRANS	3328	2259	579	79·1		91·7		52·2		31·4	
50/ 58	UNIONDALE ROAD - SAR	3328	2302	585	95·8		115·2		52·0		42·2	
50/132	STRYDOMSVLEI	3312	2305	762	20·0		32·0		4·5		11·8	
50/205	BARNARDSDAL	3325	2307	686	105·5	165	123·7	174	53·0	123	41·7	67
50/230	VONDELING - SAR	3320	2308	630	42·5		51·8		29·5		39·5	
50/527	MIDDELKRAAL	3317	2318	762	16·7		109·6		31·2		5·2	
50/745	SCHILPADBEEN	3325	2325	1067	109·6		103·7		98·6		43·5	
50/785	VOLSTRUISLEEGTE	3305	2327	732	51·8		73·5		10·7		22·0	
50/887	WILLOWMORE - MUN	3317	2330	830	86·0		118·6		24·5		29·0	
51/ 5	WINDHEUWEL	3305	2331	838	53·4		73·7		13·0		36·9	
51/285	LOMAR	3315	2340	732	(67·7)		92·4		18·7		29·2	
51/341	GLENMORE	3311	2342	610	86·5		100·5		17·0		36·[illegible]	
51/430	MOOREDALE	3310	2345	686	66·4		103·6		8·3		39·7	
51/580	FULLARTON	3310	2350	614	37·3		71·5		8·2		(14·1)	
52/270	KOEIFONTEIN	3330	2409	732	121·5		79·5		41·0		51·5	
52/571	KLIPPLAAT - SAR	3301	2420	619	44·9	64	129·5	186	24·5	100	22·0	37

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
36/642	92·4	33·8	153·9	91·1	51·5	59·8	123·7	74·5	79·9	89·3	30·4	73·0	953·3	101	874·2	92
36/729	92·5	18·1	88·8	86·0	49·5	40·8	118·8	56·7	47·3	55·6	21·0	47·9	723·0	118	658·3	104
37/282	82·4	16·2	93·7	91·6	77·3	32·0	97·0	49·5	54·6	56·2	16·5	49·5	716·5	111	667·8	103
37/541	72·3	49·6	88·0	90·3	73·7	13·5	69·0	43·5	47·0	33·9	30·2	42·4	653·4		655·1	
37/696	64·8	25·2	85·3	79·5	64·2	26·1	69·9	36·0	55·0	43·8	50·3	46·4	646·5	98	637·2	96
38/152	65·2	22·5	73·8	96·3	67·5	22·0	89·4	35·6	59·5	99·7	22·2	23·7	677·4		722·8	
40/ 35	6·0	4·4	11·7	29·6	124·3	19·8	20·5	52·6	11·0	40·0	1·5	0·0	321·4	142	294·8	131
40/145	5·5	3·1	11·9	58·1	165·9	15·5	8·2	44·4	18·7	28·9	1·5	2·0	363·7	108	347·3	100
40/604	1·0	7·2	5·6	26·6	131·5	19·4	27·0	41·0	17·4	25·6	0·0	0·0	302·3	94	294·4	91
40/653	8·0	6·5	19·3	58·0	196·0	36·5	56·1	90·0	34·0	38·0	3·0	4·6	550·0	117	483·0	102
40/682	8·0	7·5	16·2	47·0	174·4	33·3	43·0	78·1	23·5	40·0	0·0	4·1	475·1	95	425·8	85
40/875	3·5	9·3	10·0	26·0	126·8	24·5	31·0	44·0	30·0	42·0	0·5	4·5	352·1		332·2	
41/ 60	6·0	7·0	21·1	78·9	245·3	32·5	42·5	111·9	45·0	47·6	1·3	9·6	648·7	125	599·9	116
41/347	1·0	14·8	17·2	44·1	150·5	23·7	29·3	52·5	22·8	36·8	0·6	6·7	400·0		398·5	
41/417	12·0	12·0	17·5	65·5	213·5	24·5	30·0	79·5	28·0	44·0	0·0	2·5	529·0	121	495·5	113
41/684	0·0	28·5	--	--	310·0	29·0	24·5	111·0	40·5	49·2	3·5	7·2	(603·4)		(620·5)	
41/713	8·3	18·5	17·5	65·0	235·5	37·0	4·0	129·5	37·0	50·9	0·0	0·0	603·2		664·4	
41/836	--	2·4	28·4	56·4	190·7	22·6	21·3	76·7	24·3	42·3	3·8	4·0	(472·9)		(313·5)	
41/871	0·8	8·5	10·5	77·2	195·9	23·7	23·9	77·2	31·7	55·5	0·1	20·3	525·3		-	
42/166	7·0	22·2	21·1	76·3	200·8	26·9	12·2	86·6	27·5	53·1	0·6	27·6	561·9		514·2	
42/201	5·1	19·9	14·6	124·7	270·3	30·8	22·2	123·0	48·9	89·3	0·0	11·5	760·6		706·6	
42/227	5·5	19·7	16·0	78·5	155·3	28·0	9·0	80·0	29·0	57·0	0·0	26·0	504·0	109	454·0	98
42/280	13·8	28·4	30·5	157·1	407·4	49·5	22·7	155·9	39·4	123·5	0·0	45·8	1074·0		1000·9	
42/325	7·1	21·5	10·5	110·0	283·8	30·3	19·8	111·7	30·2	85·8	0·0	13·8	724·5	114	736·0	116
42/415	3·7	24·1	10·7	87·0	307·5	24·9	18·9	83·4	25·3	75·0	0·0	25·2	685·7	112	657·2	108
42/532A	14·3	26·5	26·0	162·5	396·0	53·0	17·0	213·5	71·5	156·0	0·0	49·5	1185·8	108	1064·5	97
42/581	0·0	31·5	11·0	121·5	205·0	12·5	0·0	120·0	101·0	47·5	0·0	12·0	662·0	99	576·8	87
42/785	0·0	0·0	0·0	9·2	142·5	98·0	32·6	37·2	9·0	31·8	0·5	2·5	363·3		359·3	
42/802	5·5	29·5	5·5	66·5	139·0	25·5	6·0	49·5	12·5	49·0	0·0	5·5	394·0	121	387·3	119
43/109	9·0	34·1	39·5	159·3	221·0	21·5	25·5	133·0	42·6	84·5	0·0	20·0	790·0		685·8	
43/516	0·1	13·0	1·5	28·6	65·5	2·0	3·0	9·2	1·5	12·3	0·0	0·0	136·7	127	132·3	122
43/566	4·1	20·8	18·0	42·9	84·6	13·9	6·3	29·2	24·7	31·3	0·0	1·6	277·4		247·6	
44/ 50	0·3	22·2	6·4	28·8	70·5	5·3	13·6	22·4	4·6	4·8	0·0	3·0	181·9	86	188·3	89
44/134	0·0	16·5	31·5	42·5	134·2	4·0	9·0	20·2	1·5	14·5	0·0	2·5	276·4		308·0	
44/286	0·0	23·7	8·3	44·5	89·9	1·5	17·5	20·8	1·5	12·0	0·0	3·5	223·2		217·3	
44/765	5·5	18·5	12·0	17·0	(83·1)	36·0	0·0	19·5	0·0	47·5	0·0	0·0	(239·1)	(102)	(228·6)	97
44/812	0·0	28·0	20·5	24·5	71·8	8·5	17·5	20·8	2·5	75·5	0·0	0·0	269·6		226·8	
45/134	6·7	27·5	8·8	11·5	48·7	3·3	7·1	16·3	7·5	46·2	0·0	3·2	186·8	129	135·2	93
45/184	0·0	26·0	6·5	10·5	37·5	7·5	21·0	11·0	0·0	87·0	0·0	0·0	207·0	130	123·0	77
45/224	1·0	28·5	12·5	23·2	24·2	2·5	4·5	8·0	0·0	53·0	0·0	0·0	157·4	129	126·4	103
45/611	0·0	1·0	6·5	27·2	18·9	2·8	10·0	4·1	0·3	52·7	0·0	0·0	123·5	118	86·2	83
45/848	0·0	41·0	4·7	27·0	13·0	4·0	5·5	8·0	0·0	22·0	0·0	0·0	125·2		111·0	
45/857	6·0	34·7	0·1	24·2	19·9	0·4	15·6	14·2	10·4	56·3	0·0	0·0	181·8		127·5	
46/ 58	13·0	40·0	16·1	65·5	20·5	0·0	23·5	16·5	6·5	50·5	0·0	0·0	252·1	158	197·6	125
46/457	3·5	21·0	0·0	7·0	20·5	0·0	0·0	0·0	0·0	30·5	0·0	0·0	82·5	76	72·0	66
46/471	11·5	27·7	0·0	40·3	58·2	2·2	61·4	24·3	11·7	49·5	7·0	5·5	299·3	174	166·8	97
46/472	19·1	32·1	3·9	52·1	61·2	6·7	62·5	25·3	15·1	53·0	2·2	9·2	342·4		-	
46/479	35·0	66·5	36·0	68·0	59·5	3·5	57·5	40·5	12·0	56·5	0·0	11·0	446·0	152	368·0	125
46/898	36·5	33·3	21·0	36·6	22·4	1·2	23·2	22·6	12·0	33·7	3·0	0·6	246·1	113	243·7	112
47/359	27·0	52·5	12·5	31·5	23·5	0·0	18·0	16·0	0·0	44·0	0·0	0·0	225·0	152	193·0	130
47/436	25·0	19·0	5·0	9·0	19·9	0·0	28·7	5·2	0·0	23·3	7·0	0·0	142·1	100	118·9	83
47/716	87·8	33·8	43·0	69·5	34·1	0·0	51·0	43·0	24·0	72·5	0·0	11·0	469·7	124	440·9	116
47/765	9·8	31·3	0·0	15·3	21·2	1·0	25·9	4·0	0·6	30·7	5·0	12·3	157·1		123·5	
47/801	80·5	24·0	21·6	47·3	63·0	11·3	74·0	39·0	30·0	51·5	4·5	11·0	457·7		435·3	
48/ 43	3·0	43·0	0·0	25·0	22·0	0·0	28·0	2·0	0·0	29·0	12·5	4·0	168·5	113	147·0	99
48/ 51	144·2	56·0	128·0	127·5	109·8	32·5	107·5	69·0	70·0	155·8	27·3	86·5	1114·1		1020·2	
48/ 79	93·2	35·0	38·5	66·0	63·5	23·8	102·0	56·0	31·7	65·5	13·0	48·0	636·2		585·2	
48/ 83	58·5	31·0	59·0	57·7	57·0	10·0	49·0	47·6	27·0	78·5	12·0	26·1	513·4	123	419·2	101
48/142	98·2	45·0	92·0	41·8	96·5	21·8	69·0	79·5	45·5	115·5	28·5	44·5	777·8		708·5	
48/275	0·2	38·0	1·2	23·8	15·5	1·2	16·0	2·6	0·9	25·7	1·7	7·1	133·9		135·0	
48/383	37·2	43·9	27·1	62·6	47·1	5·5	43·7	44·6	19·0	72·0	9·3	19·9	431·9		368·2	
48/564	60·5	50·5	63·5	88·5	42·0	7·0	45·0	62·5	32·8	96·5	22·0	26·5	597·3		481·7	
48/624	72·1	64·0	75·0	99·0	51·1	7·1	48·4	68·8	44·0	94·8	25·0	26·7	676·0	117	567·0	98
49/ 50	15·0	40·5	0·0	43·6	10·0	0·6	12·0	6·8	0·0	26·0	0·0	15·0	169·5	95	156·9	88
49/ 60	54·0	37·0	24·0	68·4	40·0	0·0	22·5	50·5	37·5	60·0	15·0	0·0	408·9	127	310·5	97
49/ 92	3·0	11·5	0·0	14·4	2·9	0·0	1·5	0·0	0·0	12·7	0·0	26·5	72·5	41	41·3	23
49/276	0·0	25·3	0·0	44·2	7·0	0·0	0·0	0·0	0·0	23·5	0·0	36·5	136·5	105	81·5	62
49/372	0·8	22·2	0·0	46·1	8·0	0·0	2·5	0·3	0·0	15·0	0·3	28·4	123·6	100	151·0	122
49/562	18·5	39·6	4·0	57·2	14·2	0·0	15·1	9·0	0·0	24·0	0·0	24·5	206·1	164	194·0	154
49/868	30·3	16·3	9·0	65·7	17·0	3·2	11·5	37·5	0·0	31·4	0·0	17·8	239·7	117	232·1	113
50/ 58	25·5	24·0	23·0	63·2	29·0	3·0	9·5	39·5	0·0	25·7	16·5	4·5	263·4	126	270·9	130
50/152	7·5	12·5	0·0	29·0	3·0	0·0	0·0	4·5	0·0	3·0	8·8	17·5	85·8	57	64·8	43
50/205	23·0	29·5	31·3	72·3	20·1	0·0	12·0	41·0	2·5	25·7	13·5	22·5	293·4	122	(264·5)	(110)
50/230	9·5	20·0	1·5	44·3	6·0	0·0	3·0	26·5	1·5	13·0	25·0	0·0	150·3	92	126·8	77
50/527	16·7	0·0	0·0	56·5	52·4	0·7	13·0	17·5	0·0	5·2	0·0	26·7	188·7	112	138·8	82
50/745	69·0	11·8	5·0	69·2	29·5	0·0	40·0	58·6	14·0	29·5	0·0	28·0	354·6	146	292·2	121
50/785	8·2	35·0	8·4	55·2	9·9	0·0	4·5	6·2	0·8	19·2	2·0	13·1	162·5	117	146·7	105
50/887	32·2	29·5	23·9	63·5	31·2	0·0	1·0	23·5	1·2	24·6	03·2	48·7	282·5		246·5	
51/ 5	12·7	31·5	8·7	49·2	15·8	0·0	8·0	5·0	0·0	36·9	0·0	11·7	179·5	104	146·9	86
51/285	9·0	29·5	--	65·4	27·0	0·0	6·2	12·5	0·0	29·2	0·0	13·5	(192·3)	103	(206·6)	109
51/341	10·0	42·0	24·5	70·5	5·5	0·0	0·0	17·0	0·0	33·0	3·5	0·0	206·0	99	[illegible]	137
51/430	6·4	37·8	10·7	68·8	24·1	0·0	2·0	6·3	0·0	39·7	0·0	6·6	202·4	88	[illegible]	93
51/580	0·0	15·1	4·8	49·2	17·5	0·0	0·0	8·2	12·0	--	2·1	0·0	(108·9)	-	128·1	72
52/270	19·0	47·0	5·5	47·0	27·0	0·0	13·5	27·5	0·0	18·5	33·0	13·0	251·0	113	257·5	115
52/571	6·9	20·0	66·0	58·5	5·0	0·0	11·5	13·0	0·0	22·0	0·0	42·0	244·9	109	247·4	110

R E Ë N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
52/590	STEYTLERVILLE - MAG	33°20′	24°20′	419	100·5	168	127·7	185	18·7	61	31·5	52
52/765	KRANSKOP	3315	2426	610	69·1		132·2		16·8		23·7	
52/886	WAAIPOORT	3316	2430	579	58·2		155·0		11·8		23·0	
53/ 55	SCHUINSPAD	3325	2432	457	69·3		133·6		14·1		28·5	
53/274	VOLSTRUISKOP	3304	2440	488	48·0		164·7		10·8		0·0	
53/432	EENSTROOM	3312	2445	572	78·0		156·6		17·1		27·7	
53/585	SALTPANSNEK	3315	2450	686	60·5		173·0		37·0		31·0	
53/588	WOLWEFONTEIN - POL	3318	2450	579	64·3		152·5		53·0		35·7	
53/779	EENSAAM	3329	2456	572	76·1		148·0		46·3		45·7	
54/177	MORGENPRACHT	3327	2506	236	89·1		133·0		46·7		24·1	
54/253	LAKE MENTZ	3313	2509	303	78·6	111	136·4	172	55·8	160	37·2	52
54/293	GLENCONNOR - POL	3323	2510	214	139·5		182·7		62·8		42·8	
54/670	KLIPFONTEIN	3310	2523	457	84·0		116·3		58·5		14·5	
55/108	SUNDAYS RIVER - BOS	3318	2534	716	169·5		264·0		158·0		23·0	
55/410	ZUURBERG - BOS	3320	2544	594	181·0	91	272·0	142	156·0	157	45·1	19
55/500	FERNIE BRAE - BOS	3320	2547	686	165·0		271·0		159·0		50·0	
55/655	TEMBANI	3325	2552	152	106·4		176·4		203·0		23·0	
55/688	BONTKOP	3328	2553	351	167·0		153·5		210·5		41·9	
55/745	VISTA	3325	2555	274	99·5		209·0		145·1		39·8	
56/139	ALICEDALE	3319	2605	276	176·5		164·0		143·3		38·3	
56/165	KALMOESFONTEIN	3315	2606	610	136·0		159·0		195·8		17·0	
56/312	RIEBEEK - OOS	3312	2611	685	212·0		179·5		100·5		61·3	
56/384	SYDNEYS HOPE	3324	2613	572	240·1	164	206·0	130	212·1	204	96·2	55
56/532	CARLSRUST	3322	2618	640	214·9		195·9		169·6		93·5	
56/597	CLIFTON	3327	2620	389	162·1		210·6		186·1		76·7	
56/709	FIR GLEN	3319	2624	610	237·3	152	181·7	109	185·0	206	78·3	43
56/737	SLAAIKRAAL	3317	2625	594	203·7	137	213·4	145	190·5	294	81·2	49
56/862	HOWIESON S POORT	3322	2629	530	224·9		185·2		123·4		64·2	
57/ 48	GRAHAMSTOWN - VET	3318	2632	539	203·3		183·6		137·6		90·3	
57/ 48A	GRAHAMSTOWN - TNK	3318	2632	539	214·1		181·9		161·8		84·1	
57/446	LANGHOLM	2326	2645	312	184·5		217·5		110·3		79·0	
57/631	BRAKFONTEIN	3301	2652	366	192·5		175·5		96·0		75·2	
57/737	FRASER'S CAMP	3317	2655	575	195·1		162·4		121·6		76·0	
57/868	THE HOPE	3328	2659	229	213·5		267·7		66·4		128·9	
58/192	PEDDIE - MAG	3312	2707	305	212·8	141	232·6	141	150·8	184	71·1	93
58/334	LINE DRIFT	3304	2712	150	181·0		220·0		130·5		66·0	
58/520	CROSS ROADS	3310	2718	274	244·0		306·5		73·7		8·5	
59/ 43	RELEASED AREAS 33 - NAF	3313	2752		256·3		339·0		220·5		99·5	
59/158	RICHMOND - NO 69	3308	2756	152	245·9		345·0		195·0		128·3	
59/243	SILVERDALES	3303	2739	232	275·8		416·5		258·0		145·0	
59/572	EAST LONDON - WK	3302	2750	125	302·2		320·0		238·0		167·8	
59/722A	EAST LONDON-QUEENS PARK	3302	2755	38	209·3		257·8		231·5		175·5	
60/620	CAPE COLUMBINE - VRT	3250	1751	60	13·2		175·8		58·8		52·0	
60/780	SALDANHA BAY	3300	1756	8	5·4		154·8		51·6		7·5	
60/864	VREDENBURG - POL	3254	1759	120	16·6	81	196·5	263	99·3	66	68·2	119
62/379	HELDERVUE	3249	1843	820	29·6		453·8		208·8		122·2	
62/395	HET KRUIS - SKL	3235	1844	70	12·5		142·9		77·2		41·3	
62/444	PIKETBERG - POL	3254	1845	274	14·6	42	252·5	234	142·5	69	98·0	99
62/767	MIDDELDEURVLEI	3247	1856	152	12·8		165·0		72·7		49·4	
63/ 70	GOROMONZI	3240	1903	229	15·5		274·9		99·8		69·9	
63/452	KROMRIVIER	3232	1916	914	13·7		193·7		95·1		67·3	
63/718	EXCELSIOR	3258	1924	922	19·7		163·4		119·0		56·4	
64/277	RATELFONTEIN	3237	1940	427	11·7		68·0		9·6		1·0	
64/536	SOUTPANSKOPPIES	3256	1948	533	(9·0)		64·1		13·8		7·5	
66/ 27	BRANDVLEI	3257	2031	1295	60·5		144·3		61·0		56·3	
66/582	SKIETFONTEIN	3242	2050	1319	47·0		144·5		59·0		78·0	
66/661	PORTUGALSRIVIER	3231	2053	1372	32·5		47·5		8·0		5·5	
67/ 74	ANYSRIVIER	3244	2103	1097	94·5		25·0		24·5		21·0	
67/279	VANWYKSPLAAS	3239	2110	1067	28·5		9·6		0·0		10·4	
67/704	DE LIST	3244	2124	762	33·0		19·7		4·6		12·5	
68/136	WOLWEFONTEIN	3246	2135	701	13·0		69·5		0·4		14·5	
68/329	PRINCE ALBERT ROAD - SAR	3259	2141	640	35·7		20·5		5·0		29·5	
68/547	ZEEKOEVLEI	3237	2149	625	50·7		28·2		3·0		24·4	
68/589	WILGERFONTEIN	3249	2150	619	28·0		26·0		10·9		22·4	
68/857	LEEU - GAMKA - SAR	3247	2159	555	51·0	159	32·5	92	14·0	105	21·5	81
69/ 91	VLAEFONTEIN	3231	2204	689	71·0		72·0		4·5		15·5	
69/320	LAMMERKRAAL - WES	3250	2211	686	50·9		50·2		13·9		36·0	
69/458	VREDERUST	3238	2216	683	32·9		45·0		9·5		17·5	
69/483	LETJIESBOS - SAR	3233	2217	671	83·2	157	58·4	98	2·0	10	20·6	54
69/559	LAMMERKRAAL	3249	2219	792	60·3		53·2		16·0		37·0	
69/625	RIETFONTEIN	3255	2221	899	50·7		82·2		17·6		36·3	
69/674	BAKOVENFONTEIN	3244	2223	808	68·2		50·5		8·5		28·0	
69/856	PALMIETFONTEIN	3246	2229	1189	58·0		68·8		11·5		26·0	
70/ 33	CYPHERFONTEIN	3233	2232	860	96·5		65·2		6·5		20·5	
70/ 93	NOBLESFONTEIN	3233	2234	853	80·3		78·5		6·0		22·5	
70/525	KLIPSTAWEL	3245	2248	861	51·0		59·5		0·0		17·0	
70/770	AARDOORNS	3250	2256	838	53·4		46·8		0·0		19·6	
71/106	MIDDELKRAAL	3246	2304	814	51·0		50·0		6·0		23·5	
71/121	VEREKUIL	3231	2305	853	85·0		65·3		13·7		16·4	
71/264	RIETBRON	3254	2309	762	55·8		74·5		10·8		28·5	
71/337	WIEGNAARSPOORT	3237	2312	853	71·0	129	76·5	133	22·0	79	17·0	42
71/615	RUS - EN - VREDE	3245	2321	823	58·6		74·3		14·6		18·[illegible]	
72/662	SKOONGESIG	3232	2353	846	84·5		119·0		20·5		19·[illegible]	
72/712	CHELMSFORD	3252	2354	808	44·9	62	89·6	117	8·5	25	(31·2)	-
73/377	STOCKDALE	3247	2413	853	61·[illegible]	89	140·9	190	25·9	90	26·0	42

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
52/590	0.0	65.5	38.5	73.4	15.8	0.0	4.2	14.5	0.0	19.0	12.5	13.5	256.9	116	260.7	118
52/765	0.8	42.0	52.5	76.0	3.7	0.0	3.4	13.4	0.0	20.9	2.8	8.2	223.7	126	224.1	126
52/886	4.7	35.0	47.0	98.0	10.0	0.0	9.0	2.8	0.0	23.0	0.0	11.0	240.5	113	231.5	108
53/ 55	15.8	30.2	45.8	74.9	12.9	0.0	4.6	9.5	0.0	21.0	7.5	13.0	235.2		226.1	
53/274	20.1	9.0	35.7	129.0	0.0	0.0	10.8	0.0	0.0	0.0	0.0	4.0	208.6		227.6	
53/432	35.4	10.3	55.3	94.8	6.5	0.0	2.6	14.5	0.0	21.1	6.6	24.0	271.1	117	246.7	107
53/585	32.0	11.5	59.0	111.5	2.5	0.0	24.0	13.0	0.0	17.5	13.5	18.0	302.5	109	265.7	96
53/588	28.3	15.5	57.5	87.5	7.5	0.0	31.0	22.0	3.5	25.7	6.5	17.5	302.5	102	256.6	86
53/779	33.8	20.8	45.2	80.5	22.3	0.0	22.8	23.5	3.0	22.9	19.8	23.5	318.1	117	279.2	103
54/177	52.7	5.7	51.6	76.6	4.8	0.0	19.0	27.7	2.5	16.9	4.7	10.5	272.7	122	244.6	109
54/283	62.0	7.0	58.8	67.7	9.9	8.0	35.9	19.9	0.6	21.0	15.6	13.5	311.1	122	239.4	93
54/293	68.5	19.8	71.8	100.9	10.0	0.0	20.3	42.5	4.9	26.5	11.4	33.0	409.6	136	390.8	130
54/670	57.8	8.0	23.0	76.5	16.8	0.0	40.0	18.5	0.0	9.0	5.5	4.0	259.1	95	229.3	84
55/108	95.0	21.0	118.0	120.0	26.0	0.0	142.0	16.0	17.0	6.0	0.0	21.5	582.5	90	620.5	95
55/410	106.0	22.0	119.0	123.0	30.0	0.0	138.0	18.0	23.0	4.0	18.1	39.5	640.6	89	646.0	90
55/500	95.0	19.0	122.0	120.0	29.0	0.0	141.0	18.0	21.0	4.0	25.0	17.5	611.1	100	618.0	101
55/655	65.9	27.5	84.9	70.5	21.0	0.0	132.6	70.4	15.0	8.0	0.0	7.0	502.8	116	399.0	92
55/688	116.5	21.5	79.0	48.5	26.0	12.0	111.0	87.5	7.9	34.0	0.0	0.0	543.9	141	457.0	119
55/745	69.0	9.0	99.5	65.5	44.0	6.0	94.5	44.6	17.0	21.5	1.3	17.0	488.9	108	438.6	97
56/139	108.5	15.5	68.0	63.0	33.0	5.6	82.7	55.0	16.0	19.5	2.8	18.0	487.6	124	419.5	106
56/165	93.0	7.5	73.0	64.5	21.5	14.5	134.1	47.2	0.0	11.5	5.5	19.0	491.3	96	392.5	76
56/312	101.0	40.0	71.5	74.5	33.5	0.0	49.0	51.5	24.3	22.5	14.5	34.5	516.8		512.0	
56/384	119.0	32.9	90.0	82.0	34.0	21.0	143.1	48.0	26.4	42.0	27.8	37.6	703.8	120	679.6	116
56/532	80.5	45.0	82.4	80.3	33.2	18.8	104.8	46.0	27.0	51.4	15.1	34.0	618.5	105	638.5	108
56/597	81.1	24.0	88.2	87.0	35.4	18.0	124.6	43.5	30.0	35.6	11.1	31.8	610.3	106	584.3	101
56/709	89.1	42.8	71.7	78.4	31.6	10.0	123.4	51.6	20.5	43.1	14.7	81.4	658.3	110	621.7	104
56/737	83.7	29.5	91.3	79.0	43.1	11.0	125.5	54.0	25.8	38.7	16.7	43.7	642.0	122	662.7	127
56/862	72.5	57.0	79.5	77.5	28.2	9.0	69.9	44.5	20.3	32.7	11.2	30.7	533.0		603.3	
57/ 48	84.0	26.6	86.2	73.3	24.1	12.9	92.7	32.0	28.6	44.6	17.1	40.3	562.4		630.9	
57/ 48A	80.9	36.7	78.2	70.4	33.3	11.5	97.0	53.3	28.5	40.5	15.1	33.0	578.4	83	627.1	90
57/446	62.9	45.0	80.5	75.0	62.0	15.0	66.8	28.5	33.0	32.5	13.5	28.0	542.7	99	593.7	108
57/631	104.5	19.5	48.9	77.6	49.0	0.0	68.5	27.5	33.0	23.5	18.7	13.0	483.7	114	495.0	117
57/737	74.3	47.6	53.9	67.4	41.1	23.6	63.3	34.7	20.8	50.0	5.2	22.0	503.9	98	485.2	94
57/868	58.6	29.5	85.6	98.0	84.1	0.8	30.7	34.9	48.5	56.8	23.6	35.2	586.3	82	684.6	96
58/192	68.9	50.7	58.2	78.7	95.7	3.0	98.8	49.0	27.3	25.2	18.6	26.4	600.5	105	603.0	105
58/334	112.0	43.0	49.5	80.5	90.0	4.0	110.0	16.5	29.0	11.0	26.0	6.0	577.5	144	545.0	136
58/520	78.5	30.0	76.0	70.0	160.5	0.0	35.0	38.7	0.0	8.5	0.0	10.0	507.2		699.9	
59/ 43	106.5	27.0	71.5	98.5	169.0	0.0	165.0	55.5	50.0	39.5	10.0	42.5	835.0		842.2	
59/158	77.8	42.3	65.5	111.5	168.0	0.0	152.0	43.0	58.6	50.1	19.6	103.1	891.5	133	877.7	131
59/243	114.3	53.0	67.3	109.7	239.5	0.0	209.5	48.5	45.3	49.7	50.0	80.0	966.8	145	974.8	133
59/572	66.3	46.9	55.0	112.7	152.3	5.5	199.4	33.1	56.9	80.2	30.7	84.6	923.6	115	999.9	125
59/722A	78.2	33.0	39.4	108.4	110.0	5.5	196.0	30.0	71.5	75.0	29.0	51.4	827.4	103	839.1	104
60/620	7.5	5.7	18.5	29.0	128.3	9.3	24.8	24.7	18.6	32.4	1.0	3.6	303.4		278.2	
60/780	0.4	5.0	4.5	34.0	116.3	17.1	13.0	21.5	3.5	4.0	0.0	0.5	219.8		251.8	
60/864	10.0	6.6	16.0	33.0	147.5	29.5	23.0	46.8	18.5	49.7	0.0	8.0	388.6	129	358.7	119
62/379	12.8	16.8	21.6	85.5	346.7	40.8	66.1	101.9	52.8	57.9	11.5	35.6	850.0		790.9	
62/395	4.7	7.8	7.7	36.4	98.8	12.9	20.6	43.7	13.5	27.6	0.2	4.9	278.8		240.8	
62/444	6.6	8.0	19.5	75.5	157.5	26.0	26.5	90.0	35.0	60.0	3.0	20.0	527.6	117	483.6	107
62/767	5.3	7.5	14.1	46.8	104.1	11.1	18.8	42.8	20.7	28.7	0.0	0.0	299.9		272.5	
63/ 70	5.0	10.5	4.2	91.3	179.4	14.5	26.0	59.3	33.4	35.5	1.0	14.5	474.6		431.3	
63/452	1.5	12.2	3.4	46.1	144.2	16.3	11.0	67.8	23.0	44.3	0.0	11.5	381.3		328.1	
63/718	0.0	19.7	0.6	20.7	142.1	26.0	26.8	66.2	23.2	33.2	0.0	9.5	368.0	99	338.9	91
64/277	0.0	10.5	5.5	7.8	54.7	0.6	3.5	5.5	0.0	1.0	0.0	0.0	89.1		83.8	
64/536	0.0	9.0	2.7	8.2	53.2	2.0	2.8	9.0	0.0	7.5	0.0	0.0	94.4		-	
66/ 27	2.5	52.0	0.0	22.2	122.1	6.0	0.0	55.0	0.0	56.3	0.0	0.0	316.1	137	279.2	121
66/582	0.0	29.5	11.0	47.0	86.5	18.5	14.0	26.5	12.0	66.0	0.0	2.5	313.5	103	255.2	84
66/661	0.0	17.5	15.5	7.0	25.0	0.0	0.0	8.0	0.0	5.5	0.0	0.0	78.5		89.0	
67/ 74	0.0	28.0	3.5	14.5	7.0	7.0	8.0	9.5	0.0	10.0	11.0	0.0	98.5	66	146.0	98
67/279	0.0	23.0	0.0	0.0	9.6	0.0	0.0	0.0	0.0	10.4	0.0	0.0	43.0		62.4	
67/704	0.0	21.0	0.0	13.2	6.5	1.6	3.0	0.0	0.0	12.5	0.0	18.0	75.8		59.1	
68/136	0.0	0.0	31.5	29.5	8.5	0.4	0.0	0.0	0.0	14.5	0.0	0.0	84.4		82.9	
68/329	1.5	24.0	0.0	0.0	20.5	0.0	5.0	0.0	0.0	18.5	11.0	0.0	80.5	74	61.7	56
68/547	0.0	39.0	0.0	19.2	9.0	0.0	3.0	0.0	0.0	24.4	0.0	3.0	97.6	99	93.3	95
68/589	3.0	21.0	0.0	17.5	8.5	1.4	3.5	6.0	0.0	22.4	0.0	4.0	87.3	102	65.2	74
68/857	0.0	36.5	1.0	22.5	9.0	1.0	6.0	7.0	0.0	21.5	0.0	17.2	121.7	113	101.0	93
69/ 91	5.5	39.0	20.5	39.5	12.0	0.0	2.0	2.5	0.0	8.5	7.0	18.0	154.5	105	143.0	97
69/320	0.9	40.5	10.3	24.1	15.8	1.2	7.5	5.2	0.0	29.0	7.0	17.5	159.0		133.7	
69/458	0.0	17.4	8.0	22.5	14.5	0.0	5.5	4.0	0.0	13.5	4.0	23.0	112.4	95	96.9	82
69/483	1.9	41.2	20.0	23.0	15.4	0.0	0.0	2.0	0.0	18.0	2.6	0.0	124.1	72	149.6	87
69/559	0.8	41.0	5.7	35.0	12.5	1.2	7.5	7.3	0.0	28.0	9.0	9.0	157.0	103	143.9	94
69/625	5.0	37.5	23.2	42.7	16.3	2.0	7.9	7.7	0.1	35.8	0.4	10.0	188.6		151.3	
69/674	0.0	52.7	5.7	34.3	10.5	0.0	5.5	3.0	0.0	16.0	12.0	29.1	168.8	110	132.4	86
69/856	0.0	40.0	9.0	43.0	16.8	0.0	4.5	7.0	0.0	26.0	0.0	10.0	156.3	130	135.3	112
70/ 33	2.5	26.5	23.5	29.0	12.7	0.0	2.5	4.0	0.0	14.5	6.0	15.0	136.2	70	186.2	96
70/ 93	5.5	30.0	20.0	40.0	18.5	0.0	2.5	3.5	0.0	16.2	6.3	6.5	149.0	76	183.0	94
70/525	0.0	30.5	0.0	48.5	11.0	0.0	0.0	0.0	0.0	11.5	5.5	25.0	132.0		144.7	
70/770	3.0	38.7	0.0	42.6	4.2	0.0	0.0	0.0	0.0	16.6	3.0	29.9	138.0		76.0	
71/106	0.0	27.0	0.0	42.0	8.0	0.0	3.0	3.0	0.0	18.5	5.0	22.0	128.5	72	107.0	60
71/121	37.2	27.2	17.0	39.3	9.0	0.0	8.2	5.5	0.0	10.0	6.4	0.0	159.8	80	152.3	76
71/264	5.3	39.5	10.7	54.6	9.2	0.3	6.0	4.5	0.0	26.0	2.5	15.0	173.6	113	136.4	88
71/337	28.0	28.0	17.0	49.5	10.0	0.0	14.5	7.5	0.0	17.0	0.0	24.9	196.4	108	166.[illegible]	2
71/615	2.0	27.5	5.5	64.8	4.0	0.0	10.8	3.8	0.0	17.0	1.0	12.4	148.8		157.9	
72/662	13.7	24.0	65.0	40.0	14.0	0.0	15.0	5.5	0.0	19.0	0.0	4.5	200.7	75	224.0	83
72/712	13.4	10.7	27.4	59.2	3.0	0.0	8.5	0.0	2.0	29.2	--	--	(153.4)	-	142.6	60
73/377	17.7	18.4	68.0	63.9	9.0	0.0	19.3	6.6	0.0	20.0	6.0	5.5	234.4	100	227.5	98

R E Ë N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1959

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
73/427	WELVERDIEND	32°37′	24°15′	670	65·0		96·8		44·7		26·2	
73/501	OATLANDS	3251	2417	777	56·0		136·8		37·6		26·5	
73/555	ABERDEEN ROAD - SAR	3245	2419	756	49·4		83·2		16·5		22·4	
73/698	ALLEMANSKRAAL	3238	2424	722	93·9		140·6		52·7		37·4	
73/871	KENDREW ESTATES	3231	2430	625	104·3	124	121·2	146	47·6	160	27·1	42
73/871A	KENDREW - SAR	3231	2430	614	84·6		135·2		44·0		21·0	
74/256	UITKOMST	3246	2439	515	82·7		111·0		32·5		24·2	
74/296	JANSENVILLE	3256	2440	410	56·5	70	131·6	164	20·9	68	27·5	40
74/296A	JANSENVILLE - POL	3256	2440	457	55·7		135·1		22·6		28·0	
74/363	KLIPFONTEIN	3233	2443	675	86·0		109·9		51·5		39·0	
75/215	PEARSTON - POL	3235	2508	710	104·5	106	152·3	153	54·9	131	35·5	40
75/366	PROSPECT	3236	2513	732	111·5		167·3		99·5		46·1	
75/473	RIETVLEI	3253	2516	533	80·9		103·4		60·1		28·5	
75/483	STRUISHOEK	3233	2517	914	125·0		197·8		94·7		71·1	
75/580	BRUINTJIESHOOGTE	3240	2520	838	128·3	107	161·5	130	89·2	139	72·5	60
75/745	DIE HOOGTE	3255	2525	732	103·0		133·3		45·0		18·0	
75/759	BUFFELSFONTEIN	3239	2526	968	135·2		198·6		35·1		34·5	
75/784	GROOTVLAKTE	3234	2527	975	154·5		126·7		41·0		27·2	
75/788	BUFFELSFONTEIN	3238	2527	968	128·8		190·2		97·5		44·5	
76/133	SOMERSET EAST - TNK	3243	2535	766	200·7	107	186·7	106	67·4	98	67·8	40
76/133A	SOMERSET EAST-GILL COLL	3243	2535	747	218·6		183·7		66·3		65·5	
76/215	OUKRAAL	3235	2538	1265	170·5		160·6		92·0		45·6	
76/555A	COOKHOUSE - SAR	3245	2549	579	206·5		144·7		67·7		71·4	
76/567	MIDDLETON - SAR	3257	2549	509	214·5	133	99·0	108	81·3	232	25·5	32
76/667	MELROSE	3237	2553	625	204·9		200·7		81·0		48·7	
76/884	ALBERTVALE	3244	2600	701	188·1	136	149·3	107	93·5	208	46·2	36
77/ 30	EERSTELING	3300	2601	564	137·5		131·9		112·0		32·6	
77/309	CULLENDALE	32 9	2611	732	106·0	65	184·5	116	88·3	163	98·6	64
77/522	ADELAIDE - POL	3242	2618	599	158·0		196·0		98·0		98·7	
77/881	FORT FORDYCE - BOS	3241	2630	1143	338·0	98	293·5	111	179·0	193	163·9	57
78/153	BUXTON - BOS	3233	2636	914	299·8	99	283·3	126	131·4	166	155·5	64
78/226	FORT BEAUFORT - POW	3246	2638	456	208·3		185·7		118·6		95·6	
78/227	FORT BEAUFORT - TNK	3247	2638	456	174·9		190·2		115·0		108·4	
78/227A	FORT BEAUFORT - AGR	3247	2638	456	197·6		197·5		117·0		110·2	
78/271	UBIQUE	3231	2640	762	250·7		256·5		143·4		121·4	
78/272	BALFOUR - POL	3232	2640	641	219·6		235·8		139·8		106·7	
78/279	OAKDENE	3239	2640	549	206·0		227·0		156·6		117·0	
78/296	MERINO	3256	2640	427	151·0		169·1		107·2		77·1	
78/304	PICARDY	3234	2641	701	184·5		242·2		137·5		107·2	
78/453	SEYMOUR - MAG	3233	2646	792	170·6	100	247·1	152	176·3	308	107·7	75
78/587	ALICE - MUN	3247	2650	525	234·0		198·8		158·9		93·4	
78/700	PLEASANT VIEW	3240	2654	701	297·2		273·5		114·4		142·6	
78/755	HOGSBACK - BOS	3235	2656	1280	422·0		493·6		236·5		255·0	
78/859	MIDDLEDRIFT - NAF	3249	2659	488	201·0		226·5		129·0		88·8	
78/879	WOLFRIDGE - BOS	3239	2700	1067	368·0		521·0		212·0		303·0	
79/ 73	LENYE - BOS	3243	2703	1067	265·0	108	361·5	179	124·5	169	153·5	72
79/215	CATA - BOS	3235	2708	975	284·3		472·0		126·5		186·0	
79/251	KEISKAMMAHOEK - POL	3241	2709	671	257·0		367·5		148·5		141·5	
79/316	RABULA - BOS	3246	2711	792	273·0		361·2		175·9		109·8	
79/396	DONTSA - BOS	3236	2714	914	328·7		522·6		140·2		228·7	
79/412	ORANGE GROVE	3252	2714	518	212·3		327·6		215·5		56·0	
79/485	KUBUSIE - BOS	3235	2717	1036	415·3		414·5		197·2		220·7	
79/490	ISIDENGE - BOS	3240	2717	884	360·3		446·1		302·3		256·5	
79/506	NTSIKIZINI	3256	2717	570	264·3		314·8		148·5		91·1	
79/518	THE WILLOWS	3238	2718	1097	335·0		438·5		242·0		210·0	
79/523	EVELYN VALLEY - BOS	3243	2718	1070	617·5	107	600·8	148	303·3	174	369·4	73
79/524	PIRIE - BOS	3244	2718	610	338·5		380·0		179·0		166·5	
79/524A	MADEN DAM	3244	2718	457	322·8		350·3		166·1		187·0	
79/551	CWENCWE - BOS	3241	2719	853	324·0		334·5		177·7		176·2	
79/632	KOLOGHA - BOS	3232	2722	975	378·5		317·8		107·4		172·1	
79/635	WILLOWBANK	3235	2722	823	279·3		321·6		113·6		144·2	
79/647	IZELI	3247	2722	610	226·0		245·3		129·0		87·5	
79/730	IZELENI - BOS	3240	2725	762	470·0		382·0		160·4		168·5	
79/754	STUTTERHEIM	3234	2726	809	277·1		338·7		143·5		129·5	
79/782	DOHNE - SAR	3232	2727	927	286·5		335·0		119·0		127·4	
79/809	MOUNT COKE - BOS	3259	2727	488	230·3		361·5		210·2		128·4	
79/811	DOHNE - AGR	3231	2728	899	310·0		330·5		128·1		118·4	
79/823	FRANKFORT - CAPE	3243	2728	626	280·5		356·5		170·0		126·7	
79/853	WOODLANDS	3243	2729	671	305·8		356·3		179·9		154·2	
79/870	BEKRUIPKOP - NAF	3300	2729	565	201·5		316·2		202·2		138·0	
79/898	FORT MURRAY - LAING DAM	3258	2730	320	196·4		285·3		180·1		74·8	
80/ 72	KEI ROAD - SAR	3242	2733	711	296·9	108	326·2	148	179·0	280	90·0	37
80/143	BERLIN - SAR	3253	2735	499	269·0		386·3		247·7		116·1	
80/183	RIPPLEMEAD	3233	2737	823	--		225·3		131·2		56·2	
80/199	CASTLEDALE	3249	2737	366	180·5		311·0		197·5		78·0	
80/457	GRANTA	3237	2746	701	270·0		392·9		179·0		113·5	
80/569	UMZONIANA - RSV	3259	2749	168	298·6		333·2		211·8		178·9	
80/583	WOOLHOPE	3243	2750	472	267·9	114	382·3	197	203·6	284	92·0	41
80/629	AMALINDA - RSV	3259	2751	126	306·6		342·6		248·1		191·7	
80/693	KOMGA - TNK	3234	2754	644	309·6		431·4		161·5		115·0	
80/749	EAST LONDON - CAMBRIDGE	3259	2755	122	225·9		(267·6)		258·6		140·9	
80/750	EAST LONDON-SOUTHERNWOOD	3300	2755	100	196·7		290·0		232·0		187·5	
81/ 7	HOPEWELL	3237	2801	457	393·9	148	413·6	210	191·5	234	135·6	117
81/ 13	MOOIPLAAS	3243	2801	305	311·3		512·4		246·4		128·2	
81/ 44	MOOIPLAAS - NAF	3244	2802	305	276·4		485·8		227·0		123·9	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1959

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
73/427	10.7	22.5	53.0	37.8	6.0	0.0	35.0	9.7	0.0	19.4	6.8	9.5	210.4		187.3	
73/501	18.5	17.5	49.0	81.3	6.5	0.0	18.6	19.0	0.0	16.5	10.0	0.0	236.9	94	224.8	89
73/555	20.2	12.7	32.6	45.5	5.1	0.0	13.0	3.5	0.0	18.8	3.6	7.5	162.5	73	146.1	65
73/698	28.3	30.0	75.0	59.9	5.7	0.0	34.0	18.7	1.5	23.2	12.7	16.7	305.7		277.8	
73/871	40.5	16.5	66.0	47.1	8.1	0.0	27.5	20.1	2.5	16.3	8.3	21.9	274.8	105	278.5	107
73/871A	35.0	18.5	78.2	46.5	10.5	0.0	28.5	15.5	2.5	11.5	7.0	25.5	279.2	110	268.3	105
74/256	37.8	26.5	51.5	52.4	7.1	0.0	23.5	9.0	0.0	10.7	13.5	17.5	249.5	111	207.6	93
74/296	24.2	11.0	63.5	59.9	8.2	0.0	15.2	5.7	0.1	16.0	11.4	14.1	229.3	87	218.0	83
74/296A	22.0	11.5	63.7	62.2	9.2	0.0	16.1	6.5	0.0	16.0	12.0	14.5	233.7	88	225.6	85
74/363	17.0	31.5	65.5	36.0	8.4	0.0	30.0	21.5	5.0	17.0	17.0	18.5	267.4	105	230.8	91
75/215	48.0	24.0	82.0	46.3	24.0	0.0	29.2	25.7	9.5	16.5	9.5	7.5	322.2	98	316.3	96
75/366	34.5	47.0	90.7	43.9	32.7	0.0	65.5	34.0	17.5	18.6	10.0	9.9	404.3	122	319.3	97
75/473	58.1	10.0	54.5	34.6	14.3	0.0	46.4	13.7	3.5	14.8	10.2	16.8	276.9	91	228.2	75
75/483	52.3	21.0	98.4	51.8	47.6	0.0	47.5	47.2	23.3	27.2	20.6	13.1	450.0	98	383.4	83
75/580	76.0	20.3	63.0	60.5	38.0	0.0	57.7	31.5	8.0	18.0	46.5	15.5	435.0	101	369.5	86
75/745	49.0	19.0	76.0	41.8	15.5	0.0	34.5	10.5	10.5	0.0	7.5	11.0	275.3	88	321.0	103
75/759	56.8	15.2	59.2	89.7	49.7	0.0	1.1	34.0	15.5	5.5	13.5	14.5	354.7	84	391.9	93
75/784	44.0	55.0	49.2	39.1	38.4	0.0	26.0	15.0	11.7	7.6	7.9	21.3	315.2	92	344.6	101
75/788	55.0	15.3	72.5	48.5	69.2	0.0	42.5	55.0	21.5	6.0	17.0	15.5	418.0	91	387.0	84
76/133	84.7	25.0	73.5	72.1	41.1	0.0	40.1	27.3	18.8	14.5	34.5	8.0	439.6	73	484.0	80
76/133A	98.2	27.6	63.9	74.7	45.1	0.0	38.2	28.1	20.8	16.9	27.8	--	(441.3)		518.0	
76/215	42.8	24.0	65.1	60.0	35.5	0.0	49.0	43.0	13.5	7.5	24.6	15.0	380.0	78	471.4	97
76/555A	67.5	68.0	42.9	69.3	32.5	0.0	29.0	38.7	32.4	4.0	35.0	26.2	445.5	109	429.9	105
76/567	98.0	41.0	24.0	51.5	23.5	0.0	47.0	34.3	0.0	15.5	10.0	10.5	355.3	118	362.4	120
76/667	80.2	42.9	84.5	79.7	36.5	0.0	40.0	41.0	21.2	4.8	22.7	26.5	480.0	120	525.8	131
76/884	63.0	32.0	58.0	64.8	26.5	0.0	57.0	36.5	10.0	20.2	16.0	27.5	411.5	92	429.6	96
77/ 30	74.7	29.7	51.1	55.8	25.0	0.0	70.5	41.5	14.0	13.5	5.1	0.0	380.9	105	325.0	90
77/309	37.9	19.5	62.1	81.0	41.4	0.0	49.6	38.7	25.8	6.6	66.2	19.5	448.3	84	374.4	71
77/522	53.0	35.0	77.0	79.0	40.0	0.0	61.5	36.5	26.8	11.9	60.0	20.0	500.7	106	436.7	93
77/881	127.5	55.0	119.0	108.5	66.0	0.0	127.0	52.0	39.0	36.7	88.2	76.0	894.9	90	946.0	95
78/153	101.0	45.3	129.3	107.0	47.0	0.0	83.0	48.4	44.5	33.5	77.5	98.5	815.0	96	846.3	99
78/226	84.7	24.4	59.0	81.5	45.2	0.0	71.5	47.1	23.4	23.2	49.0	28.9	537.9	109	533.0	108
78/227	68.8	18.5	66.5	75.2	48.5	0.0	76.0	39.0	23.5	22.4	62.5	32.5	533.4	103	497.6	96
78/227A	89.9	21.5	65.2	83.3	49.0	0.0	70.8	46.2	24.1	27.9	58.2	33.7	569.8		539.3	
78/271	111.8	32.2	99.8	102.5	54.2	0.0	96.9	46.5	37.7	20.9	62.8	83.2	748.5	99	695.4	92
78/272	91.4	37.5	90.8	95.0	50.0	0.0	99.1	40.7	35.0	9.5	62.2	63.8	675.0	103	607.9	93
78/279	66.0	21.5	78.5	83.0	65.5	0.0	108.0	48.6	45.0	20.0	52.0	72.4	660.5	131	577.6	114
78/296	52.6	15.8	69.0	72.9	27.2	0.0	70.9	36.3	34.4	18.9	23.8	19.3	441.1		476.1	
78/304	72.5	17.0	100.0	85.5	56.7	0.0	103.5	34.0	36.2	12.5	58.5	59.0	635.4	118	558.7	104
78/453	62.9	21.1	88.5	86.1	72.5	0.0	138.6	37.7	37.2	3.0	67.5	79.3	694.4	130	554.8	104
78/587	79.0	25.5	67.7	90.2	40.9	0.0	110.3	48.6	36.3	22.0	35.1	59.2	614.8	107	603.2	105
78/700	89.4	39.8	46.5	104.9	122.1	0.0	91.9	22.5	34.5	12.0	96.1	92.0	751.7	121	752.3	121
78/755	121.8	91.0	157.6	137.0	199.0	0.0	163.5	73.0	70.5	34.5	150.0	201.1	1399.0	110	1255.1	99
78/859	80.5	17.5	73.0	86.0	67.5	0.0	86.5	42.5	32.0	15.5	41.3	63.5	605.8	123	540.5	110
78/879	124.1	46.0	203.0	175.0	143.0	0.0	155.0	57.0	58.5	65.0	179.5	221.5	1427.6	134	1224.5	115
79/ 73	96.0	41.0	146.5	96.0	119.0	0.0	98.5	26.0	42.5	44.0	67.0	118.0	894.5	122	795.0	108
79/215	102.0	64.8	234.5	101.5	136.0	0.0	92.5	34.0	27.5	57.5	101.0	147.5	1098.8	113	1089.3	112
79/251	70.5	28.7	127.0	101.5	139.0	0.0	109.0	39.5	36.6	31.9	73.0	92.7	849.4	134	780.5	124
79/316	143.6	37.5	127.1	95.8	138.3	0.0	130.0	45.9	32.4	33.5	43.9	74.8	902.8	125	866.0	120
79/396	90.3	86.2	247.6	113.1	161.9	0.0	105.0	35.2	37.1	81.6	110.0	96.8	1164.8	145	1201.4	150
79/412	119.8	56.0	96.6	93.0	138.0	0.0	157.5	58.0	43.2	3.3	9.5	3.0	777.9		759.4	
79/485	141.3	105.0	195.1	111.4	108.0	0.0	158.2	39.0	35.5	73.0	112.2	99.0	1177.7	119	1184.0	120
79/490	121.7	82.5	153.9	102.1	190.1	1.3	234.2	66.8	65.6	77.8	113.1	80.9	1290.0	123	1168.2	111
79/506	146.7	34.7	86.9	92.9	135.0	0.0	109.5	39.0	49.1	14.0	28.0	11.8	747.6		731.7	
79/518	143.0	50.0	200.0	85.5	153.0	1.0	192.5	48.5	36.5	74.5	99.0	80.0	1163.5	131	1090.5	122
79/523	203.3	100.5	209.0	132.0	259.8	2.1	226.7	74.5	85.0	135.5	148.9	125.7	1703.0	102	1784.3	107
79/524	117.5	94.5	150.5	107.0	122.5	1.5	119.0	58.5	32.0	62.5	72.0	116.5	1054.0	113	976.0	105
79/524A	97.0	100.0	137.7	94.9	117.7	3.0	118.9	44.2	39.4	69.4	78.2	100.1	1000.5		963.9	
79/551	92.0	121.0	105.5	86.0	143.0	0.0	146.5	31.2	40.0	61.8	74.4	89.0	990.4	108	938.5	103
79/632	127.7	85.3	105.3	121.8	90.7	0.0	87.8	19.6	21.1	63.2	87.8	86.7	897.0	93	1069.7	110
79/635	83.0	61.0	133.2	82.2	106.2	0.5	80.3	32.8	21.0	50.4	72.8	63.2	786.6		835.8	
79/647	46.5	98.0	69.8	70.0	105.5	0.0	94.0	35.0	18.0	33.5	36.0	68.0	674.3		634.5	
79/730	151.5	117.5	109.0	114.0	159.0	0.0	115.4	45.0	30.0	45.5	93.0	83.0	1062.9	112	1196.3	126
79/754	97.6	51.1	123.1	98.6	117.0	0.0	112.0	31.5	31.0	48.2	50.3	89.8	850.2	109	884.9	114
79/782	88.5	41.5	122.0	123.0	90.0	0.0	86.0	33.0	19.0	57.5	50.9	95.5	806.9	117	907.4	131
79/809	98.9	37.0	69.3	101.8	190.4	1.5	154.7	54.0	33.0	47.2	48.2	69.9	905.9	143	854.5	137
79/811	91.9	46.4	121.3	121.5	87.7	0.0	94.8	33.3	21.8	50.2	46.4	77.2	792.5		932.0	
79/823	76.5	79.0	112.0	98.0	146.5	0.0	134.0	36.0	33.0	49.5	44.2	52.3	861.0	135	868.5	136
79/853	94.6	97.2	98.7	98.5	159.1	0.5	137.6	41.8	37.5	59.0	57.7	95.6	977.8	125	922.3	118
79/870	73.5	39.5	65.7	85.5	165.0	0.0	132.7	69.5	32.0	71.0	35.0	52.0	821.4		737.2	
79/898	79.9	38.4	20.5	87.7	177.1	1.5	132.9	45.7	28.2	25.5	21.1	59.2	717.7		665.6	
80/ 72	100.9	109.0	73.5	100.0	152.7	0.0	137.5	41.5	69.0	8.5	12.5	--	(805.1)	(100)	839.3	104
80/143	113.8	58.9	77.3	109.0	200.0	0.0	193.0	54.7	37.5	39.6	39.0	89.0	1011.8	159	901.1	142
80/183	--	(25.4)	82.1	98.0	45.2	0.0	107.2	24.0	0.9	15.0	40.3	67.7	(505.8)		-	
80/199	51.5	51.0	75.3	73.7	162.0	19.0	150.0	28.5	31.0	20.5	26.5	55.5	744.5	123	676.0	112
80/457	90.8	68.5	112.9	119.5	160.5	0.0	130.0	49.0	24.5	49.5	39.5	120.6	965.3	135	926.4	129
80/569	79.2	43.1	52.8	87.9	192.5	3.0	166.9	41.9	57.6	75.6	45.7	77.6	923.8	119	1023.5	132
80/583	70.5	72.4	90.3	107.4	184.6	0.0	150.6	53.0	29.8	44.4	17.8	78.1	898.9	124	911.3	126
80/629	71.3	43.3	54.5	89.4	198.7	2.5	210.1	35.5	62.0	78.5	51.2	75.2	972.2	133	1000.8	137
80/693	118.0	61.5	126.4	123.0	182.0	0.0	130.5	31.0	32.2	43.3	37.5	97.7	983.1	137	1002.3	140
80/749	67.1	42.0	(28.2)	(98.1)	141.3	4.6	221.6	32.4	67.8	43.2	29.9	68.2	(844.4)	98	841.0	98
80/750	66.4	24.7	43.9	99.8	146.3	5.1	194.6	32.3	69.3	82.5	35.7	100.5	901.1		894.0	
81/ 7	151.2	55.0	78.4	157.7	177.5	0.0	142.0	49.5	39.5	64.1	33.0	75.7	1023.6	132	1113.0	143
81/ 13	111.7	60.4	107.2	174.4	230.8	0.0	178.4	68.0	50.6	50.8	26.8	77.3	1136.4	127	1142.3	1
81/ 44	104.3	46.5	85.8	165.0	233.0	0.0	176.5	50.5	58.1	40.4	25.4	63.5	1049.0		1042.7	

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
81/283	WOODBURY	32°43′	28°10′	230	378·8		547·0		222·0		137·5	
81/435	HAGA - HAGA	3245	2815	75	357·7		363·5		205·5		173·6	
81/758	OOLORA MOUTH	3238	2826	50	458·5		416·0		256·0		186·5	
83/634	ELIM	3204	1822	90	14·6		161·5		80·3		38·8	
84/ 59	REDELINGHUYS - POL	3209	1832	61	9·2		158·8		65·1		41·3	
84/159	GRAAFWATER	3209	1836	198	7·7	49	136·2	226	88·1	92	35·9	68
84/558	ELANDSFONTEIN	3218	1849	457	11·0		293·9		171·4		60·7	
84/701	CLANWILLIAM - TNK	3211	1854	75	0·0	0	140·0	279	61·4	60	23·5	63
85/112	ALGERIA - BOS	3222	1904	517	13·3	36	415·3	302	218·8	72	82·5	61
85/309	WELBEDACHT	3209	1911	381	6·0		168·1		65·0		9·0	
85/376	WUPPERTHAL	3216	1913	488	11·0	86	160·0	340	76·5	63	22·5	59
86/ 7	REENEN	3207	1931	305	4·5	70	116·0	505	33·0	69	1·7	10
87/186	AGTERKOP	3206	2007	1295	36·0		242·0		126·5		81·5	
87/213	NUWEPOS	3203	2008	1160	31·2		92·5		52·0		18·5	
87/635	BET - EL	3205	2022	1173	34·0		78·0		19·5		14·0	
88/188	BOVLEI	3208	2037	1524	65·8		112·6		25·9		25·5	
88/667	PRINSHOF	3207	2053	1280	43·6		57·5		0·0		6·5	
89/ 38	FONTEINPLAAS	3208	2102	1295	85·0		48·5		0·0		19·0	
89/385	RHENOSTERVLEI	3225	2113	1462	49·5		85·0		22·3		37·8	
89/643	HONDEFONTEIN	3213	2122	1615	65·0		80·5		0·0		25·0	
89/693	GROOTFONTEIN	3203	2124	1432	77·5		58·0		3·0		45·0	
89/894	RONDOM	3224	2130	899	37·6		23·7		0·0		25·5	
90/158	STEENKAMPSVLAKTE	3208	2136	1450	68·0		54·9		0·0		29·0	
90/176	GROOTFONTEIN	3226	2136	808	51·0		25·0		0·0		23·0	
90/196	TAFELBERG	3216	2137	1067	69·5		35·0		2·9		19·1	
90/428	OUDEKLOOF	3208	2145	1524	70·0		34·5		5·5		21·0	
90/600	BULWATER	3230	2150	656	43·5	92	48·7	104	7·5	44	37·5	106
91/288	GRANTHAM	3218	2210	838	45·1		57·6		4·2		32·2	
91/763	PAARDEKRAAL	3213	2226	1594	60·0	75	86·4	88	27·5	56	50·1	63
91/782	ROSEDENE	3202	2227	1494	90·5		67·5		20·5		51·5	
91/835	KLIPBANKSFONTEIN	3225	2228	732	52·0		45·5		9·5		42·7	
91/890	STOLSHOEK	3220	2230	1067	56·5		99·5		24·0		63·5	
91/896	WELTEVREDE	3226	2230	792	39·3		57·6		5·3		49·0	
92/141	BEAUFORT WEST - TNK	3221	2235	869	85·5	114	45·0	75	6·0	23	35·0	79
92/154	MATJESKLOOF	3204	2236	1585	103·0		--		26·2		26·1	
92/283	KUILSPOORT	3213	2240	1006	94·8		73·9		12·4		34·5	
92/288	BEAUFORT WEST - WK	3218	2240	893	72·8		53·1		14·7		31·5	
92/369	DE HOOP	3209	2243	1036	132·5		55·0		17·5		27·0	
92/386	BLOUBOSKUIL	3226	2243	884	84·5		58·6		9·6		26·1	
93/ 5	NELSPOORT	3205	2301	1015	108·6		42·3		13·8		16·5	
93/ 74	KAMFERSKRAAL	3214	2303	945	75·5	113	69·5	92	21·0	76	19·0	37
93/314	BAKENSRUG	3214	2311	1067	102·7		64·0		23·5		13·5	
93/580	POORTJIE - WES	3210	2320	991	80·1		78·7		20·5		21·2	
94/167	SARELSRIVIER	3217	2336	957	68·5		93·2		25·2		0·0	
94/316	KYKRUG	3216	2341	1067	101·3		154·0		29·7		22·2	
94/513	OULTON	3203	2348	1448	112·0		97·0		42·5		22·8	
94/578	DE KRUIS	3208	2350	1372	102·5	108	102·4	92	46·1	102	36·1	49
94/730	BEELDHOUERSFONTEIN	3210	2355	1509	132·9		140·4		65·1		28·9	
95/ 6	QUAGGASDRIFT	3206	2401	1585	161·0		130·0		40·0		32·5	
95/119	ABERDEEN - TNK	3229	2404	732	105·3	122	112·7	136	30·0	97	14·0	21
95/123	DOORNBOSCH	3203	2405	1433	194·5		131·8		48·2		28·2	
95/273	ZUURPLAATS	3203	2410	1524	206·7		168·2		55·4		45·1	
95/395	HOUD CONSTANT	3205	2414	1341	179·0		201·2		65·1		41·0	
95/428	VANDERWALTSHOEK	3208	2415	899	74·5		121·4		51·2		17·0	
95/635	WATERFALL	3205	2422	1204	156·5	105	136·5	105	60·3	117	36·5	35
95/823	WINTERHOEK	3213	2428	876	141·5		127·6		110·5		37·0	
96/ 44	VANRYNEVELDSPASDAM	3214	2432	792	102·2		128·1		74·8		26·9	
96/ 45	GRAAFF - REINET - TNK	3215	2432	741	101·3		127·0		77·0		26·0	
96/ 45A	GRAAFF - REINET - CON	3215	2432	750	107·1	98	137·5	136	84·6	193	37·3	41
96/ 79	RYNHEATH	3219	2433	693	112·6		120·6		59·5		13·0	
96/ 94	GROOTHOEK	3204	2434	1219	135·2	106	144·8	114	102·1	226	39·5	39
96/101	ROODEBLOEM	3211	2434	808	105·8		128·2		62·8		13·8	
96/272	BLOEMHOF	3202	2440	1091	87·5		95·0		64·7		17·5	
96/543	LETSKRAAL	3203	2449	1219	140·3		86·1		63·8		26·4	
96/551	EXCELSIOR	3211	2449	1402	133·0		108·5		112·5		24·3	
96/680	GROENKLOOF	3220	2453	945	160·1		156·0		114·0		48·0	
97/ 37	ZUURFONTEIN	3207	2502	1457	151·6		78·0		28·5		18·0	
97/140	LANGKLOOF	3220	2505	915	192·0		146·6		90·6		93·6	
97/332	KAREEFONTEIN	3202	2512	1274	167·0		90·0		4·5		24·5	
97/427	LORRAINE	3207	2515	1295	202·8	150	71·1	67	21·8	80	21·5	30
98/184	DE DOORNS	3204	2537	975	195·6		139·5		13·5		28·0	
98/190	CRADOCK - TNK	3210	2537	872	201·2	184	115·3	113	24·7	101	38·6	54
98/412	SEMAPHORE	3222	2544	823	184·9		105·0		37·0		32·5	
98/475	CLOVERFIELDS	3225	2546	838	219·0	206	150·0	151	50·5	159	28·5	35
98/553	LAKE ARTHUR DAM	3213	2549		112·3		102·9		38·8		11·0	
98/595	LABORARE	3225	2550	899	160·9		130·2		63·1		35·6	
98/713	DONKERHOEK	3223	2554	1067	146·1		143·6		119·7		51·4	
98/793	ELANDSDRIFT	3213	2557	1006	122·9		(105·5)		(12·0)		18·3	
99/ 20	LELIEKLOOF	3220	2601	1372	176·0		159·5		70·0		34·0	
99/102	HARTBEESLEEGTE	3212	2604	1082	183·0		(148·7)		46·5		15·0	
99/221	BULTFONTEIN	3211	2608	1158	194·9		168·0		58·5		25·2	
99/229	CHEVIOT FELLS	3219	2608	1341	183·5	123	206·3	126	85·5	130	54·4	41
99/301	ALDERSYDE	3201	2611	1369	234·9		158·0		54·5		39·0	
99/492	WHEATLANDS	3212	2617	1311	183·3	133	188·4	132	59·3	151	46·2	44
99/496	SPRING VALLEY	3216	2617	1417	149·7		210·5		61·0		38·0	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC MM	JAAR JAN 1959 DEC PER	YEAR JUL 1958 JUN 1959 MM	YEAR JUL 1958 JUN 1959 PER
81/283	151.5	76.5	107.2	172.6	267.2	0.0	163.0	59.0	69.5	42.5	25.5	72.0	1206.5		1250.1	
81/435	121.5	37.5	77.0	142.5	144.0	0.0	159.0	44.5	49.5	90.1	34.0	77.5	977.1		1136.1	
81/758	188.0	39.5	49.0	176.5	190.5	0.0	192.0	64.0	47.5	100.5	38.5	77.5	1163.5		1527.0	
83/634	2.2	12.4	8.0	18.3	135.2	12.3	28.0	40.0	19.3	19.5	0.0	5.9	301.1		235.1	
84/ 59	5.7	3.5	4.6	26.4	127.8	6.5	14.5	44.1	15.3	26.0	0.0	4.3	278.7	101	239.3	88
84/159	1.7	6.0	6.4	23.6	106.2	10.0	29.4	48.7	15.8	17.1	1.0	6.7	272.6	124	210.8	96
84/558	2.5	8.5	21.1	56.6	216.2	20.0	35.8	115.6	34.1	26.2	0.4	24.3	561.3	123	455.9	100
84/701	0.0	0.0	10.5	16.7	112.8	7.7	19.5	34.2	13.5	10.0	0.0	6.0	230.9	114	186.9	92
85/112	0.3	13.0	9.5	88.3	317.5	29.0	49.3	140.5	33.0	49.5	0.0	35.5	765.4	124	656.3	107
85/309	0.0	6.0	0.0	8.0	160.1	6.0	24.5	34.5	3.0	6.0	0.0	0.0	248.1	118	216.2	103
85/376	0.0	11.0	13.5	9.0	137.5	8.0	25.0	43.5	0.0	22.5	0.0	4.0	274.0	124	213.5	97
86/ 7	0.0	4.5	5.4	23.8	86.8	3.0	2.7	27.3	1.5	0.2	0.0	0.0	155.2	164	134.2	142
87/186	0.0	30.0	19.5	34.5	188.0	17.0	14.0	95.5	16.0	65.5	0.0	3.0	483.0	131	407.9	110
87/213	0.0	25.2	18.5	5.0	69.0	21.0	3.0	28.0	0.0	18.5	0.0	0.0	188.2		196.1	
87/635	8.0	20.0	0.0	8.0	70.0	0.0	0.0	19.5	0.0	14.0	0.0	0.0	139.5	91	149.5	97
88/188	4.3	29.7	3.1	18.4	91.1	4.7	2.6	18.6	4.6	20.8	0.1	3.6	201.6		222.8	
88/667	0.0	23.1	20.0	0.0	37.5	0.0	0.0	0.0	0.0	6.5	0.0	0.0	87.1	54	129.1	80
89/ 38	0.0	31.0	10.5	11.5	26.5	0.0	0.0	0.0	0.0	19.0	0.0	20.5	119.0		151.0	
89/385	0.0	40.5	14.0	42.5	28.5	2.5	8.0	11.8	3.0	34.8	0.0	1.0	186.6	68	164.1	60
89/643	0.0	46.5	11.5	39.0	30.0	0.0	0.0	0.0	0.0	25.0	0.0	4.0	156.0	87	155.0	86
89/693	1.0	44.0	13.0	25.5	19.5	0.0	0.0	3.0	0.0	45.0	0.0	25.0	176.0	109	145.0	90
89/894	0.0	18.7	4.6	19.1	0.0	0.0	0.0	0.0	0.0	25.5	0.0	0.0	67.9	53	140.9	110
90/158	0.0	43.5	11.5	21.9	21.5	0.0	0.0	0.0	0.0	29.0	0.0	0.0	127.4		150.4	
90/176	0.0	42.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	90.0	56	106.0	65
90/196	0.0	38.5	10.4	18.6	6.0	0.0	2.0	0.9	0.0	19.1	0.0	0.0	95.5	59	136.4	85
90/428	0.0	45.0	0.0	23.0	11.5	0.0	0.0	5.5	0.0	21.0	0.0	11.0	117.0	61	142.0	74
90/600	1.5	35.0	3.5	33.0	12.2	0.0	3.5	4.0	0.0	20.5	17.0	10.9	141.1	96	108.5	74
91/288	0.0	36.0	14.5	28.0	15.1	0.0	0.0	4.2	0.0	25.0	7.2	1.2	131.2	78	124.2	74
91/763	5.0	44.0	13.0	34.0	39.4	0.0	15.4	12.1	8.1	30.0	12.0	0.0	213.0	69	213.6	70
91/782	17.0	35.5	8.5	29.0	30.0	0.0	10.0	10.5	0.0	21.5	30.0	28.0	220.0	102	191.5	88
91/835	7.5	27.0	10.5	27.5	7.5	0.0	0.0	9.5	0.0	22.5	20.2	5.0	137.2	70	103.0	53
91/890	11.0	39.5	39.5	37.0	23.0	0.0	6.0	18.0	0.0	54.0	9.5	0.0	237.5	96	242.0	98
91/896	8.0	15.8	21.8	20.8	15.0	0.0	0.0	5.3	0.0	22.5	26.5	6.2	141.9	80	120.8	68
92/141	16.5	38.5	6.8	13.2	25.0	0.0	0.0	6.0	0.0	27.0	8.0	9.5	150.5	74	195.5	96
92/154	29.3	33.0	--	--	--	0.0	24.0	2.2	0.0	12.1	14.0	7.0	(121.6)		(151.6)	
92/283	24.3	21.0	39.4	23.4	11.1	0.9	11.5	0.0	7.0	17.5	10.0	20.5	186.6	79	243.5	102
92/288	19.3	19.5	26.0	15.6	11.5	0.6	7.5	6.6	2.2	18.0	11.3	10.5	148.6		184.8	
92/369	21.5	27.5	34.0	6.5	14.5	0.0	17.5	0.0	0.0	15.0	12.0	9.5	158.0		267.0	
92/386	27.2	20.0	5.7	36.7	16.2	0.0	6.5	3.1	0.0	19.1	7.0	15.1	156.6	86	179.8	99
93/ 5	27.0	23.5	4.2	30.5	7.6	0.0	13.8	0.0	0.0	11.0	5.5	9.5	132.6	56	224.2	94
93/ 74	21.0	17.5	4.0	57.0	8.5	0.0	16.0	5.0	0.0	12.0	7.0	3.5	151.5	69	210.5	95
93/314	37.7	19.0	16.5	37.5	10.0	0.0	17.5	6.0	0.0	12.0	1.5	3.5	161.2	73	208.4	95
93/580	22.2	37.0	34.4	29.0	15.3	0.0	18.0	2.5	3.2	17.0	1.0	2.5	182.1	92	208.3	105
94/167	23.5	22.0	39.1	33.0	21.1	0.0	19.7	5.5	0.0	0.0	0.0	0.0	165.9	72	195.8	88
94/316	32.6	33.0	63.3	56.0	34.7	0.0	24.2	5.5	0.0	22.2	0.0	14.5	286.0		289.0	
94/513	19.5	21.0	46.0	27.0	24.0	0.0	35.0	7.5	0.0	13.8	9.0	21.0	223.8	76	280.0	95
94/578	21.1	24.0	38.0	40.0	24.4	2.5	34.1	9.5	1.9	29.7	4.5	24.9	254.6	78	289.2	89
94/730	19.2	33.2	49.0	63.7	27.7	0.9	42.9	22.2	5.0	18.7	5.2	23.5	310.3	80	369.5	95
95/ 6	15.5	34.5	57.0	39.5	33.5	0.0	23.0	17.0	1.5	28.0	3.0	24.5	277.0	61	389.0	86
95/119	57.8	20.0	65.0	40.7	7.0	0.0	25.5	4.5	0.0	14.0	0.0	8.0	242.5	91	269.4	101
95/123	24.0	43.5	39.3	59.5	33.0	3.0	27.8	17.4	2.2	21.5	4.5	39.0	314.7	88	423.3	120
95/273	43.3	43.7	62.7	65.2	40.3	2.0	32.5	20.9	10.4	25.6	9.1	26.5	382.2	83	491.5	106
95/395	38.0	46.5	73.2	87.9	40.1	0.6	41.5	23.0	16.0	13.0	12.0	31.8	423.6	91	536.5	116
95/428	15.0	15.0	63.5	25.2	32.7	0.0	41.2	10.0	10.8	0.0	6.2	17.5	237.1	80	279.1	94
95/635	32.5	52.5	39.0	62.0	35.5	0.0	44.3	16.0	13.5	12.0	11.0	17.5	335.8	81	355.5	86
95/823	36.6	47.5	42.0	59.3	26.3	0.0	57.5	53.0	11.5	14.5	11.0	22.5	381.7	95	360.6	89
96/ 44	22.9	30.2	61.3	46.6	20.2	0.0	39.3	35.5	8.9	9.5	8.5	23.1	306.0	94	294.6	91
96/ 45	22.0	26.8	65.5	43.5	18.0	0.0	38.5	38.5	9.0	7.0	10.0	20.0	298.8	86	290.5	84
96/ 45A	21.4	25.3	61.6	52.4	23.5	0.0	43.4	41.2	11.2	14.4	11.7	20.9	327.0	95	317.8	92
96/ 79	37.1	37.0	61.6	44.0	15.0	0.0	34.5	25.0	7.0	0.0	6.0	31.0	298.2	111	261.4	98
96/ 94	36.0	50.3	49.0	60.6	35.2	0.0	58.0	44.1	16.0	6.5	17.0	13.5	386.2	96	417.9	104
96/101	38.5	47.8	58.0	41.3	28.9	0.0	36.3	26.5	10.0	1.9	1.9	19.5	310.6	115	296.8	109
96/272	16.5	23.0	33.0	39.5	22.5	2.0	39.0	23.7	4.5	5.0	8.0	12.7	229.4	76	249.2	83
96/543	25.5	24.7	37.2	35.8	13.1	1.5	33.0	29.3	3.5	15.7	7.2	21.5	248.0		331.2	
96/551	40.0	25.0	36.0	39.0	33.5	0.0	45.5	67.0	15.0	5.3	4.0	17.0	327.3	82	338.0	84
96/680	44.9	41.0	72.7	45.5	37.8	0.0	57.0	57.0	19.5	18.0	10.5	22.7	426.6	105	409.4	101
97/ 37	59.6	26.0	34.0	31.5	12.5	0.0	25.0	3.5	0.0	12.5	5.5	34.9	245.0	80	297.5	97
97/140	71.0	25.5	29.5	74.9	42.2	0.0	65.1	25.5	41.6	23.1	28.9	44.1	471.4		488.7	
97/332	80.0	24.5	19.0	22.5	48.5	4.5	0.0	0.0	0.0	16.5	8.0	18.0	241.5	75	321.0	100
97/427	71.5	25.5	17.5	33.3	20.3	0.0	18.8	3.0	0.0	9.5	12.0	25.2	236.6	69	352.5	104
98/184	37.6	57.5	66.0	43.5	30.0	0.0	13.5	0.0	7.5	12.5	8.0	33.5	311.6	95	391.6	119
98/190	39.2	77.4	39.6	55.4	20.3	0.0	20.3	4.4	2.5	22.8	13.3	49.6	344.8	112	378.0	123
98/412	55.5	71.5	35.0	36.5	33.5	0.0	25.0	12.0	10.0	0.0	22.5	0.0	301.5	97	359.2	115
98/475	49.5	103.5	27.0	83.0	40.0	0.0	27.5	23.0	11.5	6.0	11.0	6.5	388.5	122	476.3	149
98/553	26.6	43.7	45.6	37.0	20.3	0.0	26.2	12.6	3.5	7.5	0.0	36.0	259.0		292.9	
98/595	52.5	64.7	54.8	35.9	39.5	0.0	32.0	31.1	14.8	4.8	16.0	20.9	367.0	124	369.1	124
98/713	37.2	50.5	38.0	58.0	47.6	0.0	73.5	46.2	20.6	5.8	25.0	27.7	430.1	103	395.0	94
98/793	45.4	39.0	54.5	51.0	--	--	--	12.0	3.5	6.3	8.5	19.0	(239.2)		(323.9)	
99/ 20	32.0	82.5	57.5	68.5	33.5	0.0	39.0	31.0	14.0	9.5	10.5	44.5	422.5	109	434.0	111
99/102	17.5	55.1	102.3	46.4	--	0.0	31.0	15.5	9.0	6.0	0.0	31.1	(313.9)	107	(412.4)	140
99/221	31.4	54.0	80.8	69.7	17.5	0.0	48.0	10.5	3.5	13.6	8.1	42.6	379.7	147	473.	183
99/229	31.0	58.0	105.5	51.4	49.4	0.0	56.5	29.0	16.5	19.5	18.4	39.9	475.1	95	520.8	104
99/301	51.0	57.3	63.5	59.0	35.5	0.0	50.0	4.5	3.5	27.5	8.0	33.0	392.8	103	524.6	129
99/492	25.1	27.5	84.4	78.8	25.2	0.0	44.3	15.0	7.2	22.7	16.3	43.5	389.8	92	461.9	114
99/496	20.6	38.7	100.0	81.0	29.5	0.0	53.5	7.5	10.5	20.0	7.5	41.5	410.3	112	469.2	128

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
99/617	STIRLING CHASE	32°17′	26°21′	1600	182·1		260·9		121·4		91·7	
99/622	VENTNOR	3222	2621	1631	213·8	108	331·8	176	165·4	198	94·4	52
99/647	SPRINGFIELD	3217	2622	1753	180·4		284·6		123·5		54·9	
99/735	GLEN ROY	3215	2625	1737	214·9		224·0		132·9		66·5	
99/878	LILY FOUNTAIN	3208	2630	1356	195·6		175·8		47·2		45·0	
100/ 5	ROCKLANDS	3203	2631	1356	257·8	151	176·4	130	34·6	114	49·9	48
100/ 25	FOUNTAIN HEAD	3225	2631	1448	151·4		264·5		155·5		102·0	
100/ 60	MILLHOLME	3230	2632	1189	179·9		248·1		189·5		71·5	
100/ 80	SUNNYSIDE	3220	2633	1768	197·7		201·0		171·4		76·7	
100/293	HEX PLANTATION - NAF	3223	2640	1460	191·0		304·5		201·5		75·0	
100/329	KATBERG - BOS	3229	2641	1049	346·2		358·5		146·3		191·8	
100/487	BRAKKLOOF	3207	2647	1065	258·4		188·7		48·7		53·5	
100/535	OTTERBURN	3225	2648	1417	192·5		303·5		167·0		114·5	
100/617	WATERDOWN DAM	3217	2651	1189	151·7		181·4		65·3		62·0	
100/779	ROCKFORD	3229	2656	1448	163·5		246·4		187·5		103·4	
101/ 95	RIVERSDALE	3205	2704	914	196·6		207·4		41·4		46·9	
101/ 97	TYLDEN - SAR	3207	2704	883	244·4	138	189·0	143	41·0	156	25·5	23
101/192	EXWELL PARK	3212	2707	914	220·8		169·2		40·4		36·5	
101/227	CATHCART - SAR	3217	2708	1158	216·3		192·7		20·5		30·3	
101/257	CATHCART	3217	2709	1159	238·7		221·8		47·7		61·9	
101/444	CRAWLEY	3224	2715	1143	206·5		(128·1)		80·6		57·4	
101/447	THOMAS RIVER - POL	3227	2715	1087	205·3		216·0		71·5		76·5	
101/448	GRANTA	3228	2715	1082	257·0		226·5		84·9		85·0	
101/463	HOLLOWDALE	3213	2716	1006	273·9		228·2		46·7		47·7	
101/478	THOMAS RIVER - SAR	3228	2716	1087	196·5		236·3		61·7		67·0	
101/641	WILLOWGROVE	3211	2722	732	249·5		195·0		58·1		63·4	
101/719	FORT CUNYNGHAME - BOS	3229	2724	921	300·3	117	345·5	178	108·3	193	146·1	72
101/798	NORTH CLIFF	3218	2727	1052	301·4		209·3		65·5		54·5	
101/804	QACU - BOS	3224	2727	1219	430·5		417·5		102·0		145·3	
102/ 42	KEILANDS	3212	2732	488	212·7	110	187·3	124	53·3	151	60·4	40
102/ 56	HECKEL - NAF	3226	2732		264·6		327·6		118·0		116·0	
102/150	HUXLEY	3230	2735	838	295·1	122	327·5	179	131·1	266	108·6	58
102/169	SWEETLANDS	3219	2736	823	166·5		148·0		89·0		37·5	
102/300	INVERGWALI	3230	2740	610	276·6		272·3		114·5		76·7	
102/352	HOPEWELL	3222	2742	808	224·5		273·5		124·3		67·2	
102/369	MBULU - BOS	3209	2743	1153	410·6		512·0		113·0		219·7	
102/542	TSOMO - POL	3202	2749	777	259·1		276·3		61·3		82·3	
102/762	NQAMAKWE - TNK	3212	2756	1067	254·4	110	454·7	272	186·3	326	141·3	74
102/840	KEI BRIDGE	3230	2758	170	268·7		285·5		142·6		86·0	
103/ 53	NDABAKAZI	3223	2802	686	319·5		472·5		167·0		145·5	
103/ 81	NDABAKAZI - SAR	3221	2803	686	239·4		410·2		187·5		149·8	
103/139	CEGCUANA - BOS	3219	2805	732	216·7		432·7		205·0		140·0	
103/230	BUTTERWORTH - TNK	3220	2808	534	211·2	98	373·0	225	166·5	288	78·5	42
103/377	IBIKA - BOS	3217	2813	750	252·6		458·7		167·4		136·8	
103/397	EMGCWE - BOS	3207	2814	884	274·0		406·2		148·1		172·8	
103/446	FAIRVIEW	3226	2815	580	318·5		503·0		202·5		155·0	
103/516A	IDUTYWA	3206	2818	835	274·6		429·0		137·0		158·1	
103/570	KENTANI - BOS	3230	2819	488	384·6	104	571·2	212	191·0	180	187·4	55
103/886	WILLOWVALE - TNK	3216	2830	588	374·1	99	661·5	266	155·5	161	244·4	77
104/206	MANUBIE - BOS	3226	2837	183	317·2		558·3		293·1		235·3	
104/423	TUBENI	3203	2845	549	361·0		528·7		178·3		240·4	
104/704	CWEBE - BOS	3214	2854	61	319·5	90	399·5	136	253·5	192	244·4	77
104/734	BASHEE - VRT	3214	2855	37	303·4		340·2		241·6		240·9	
106/408	DORINGBAAI	3148	1814	15	5·5		65·8		34·6		34·0	
106/512	KOEKENAAP	3132	1818	68	1·0		62·2		39·9		25·8	
106/850	VREDENDAL	3140	1829	34	2·7		91·0		48·5		26·5	
107/197	KLAWER	3147	1837	42	6·5		123·2		46·2		16·5	
107/318	PUTS	3148	1841	503	7·1		244·0		102·8		53·0	
107/396	VANRHYNSDORP - TNK	3136	1844	122	0·9	12	102·0	242	33·1	54	8·6	32
107/510	BULSHOEK	3200	1847	77	9·5	68	191·5	342	81·6	72	16·0	40
107/761	DIEPVLEI	3141	1856	213	0·0		181·7		45·6		36·0	
108/311	LOKENBURG	3141	1911	640	0·6	5	180·5	334	58·0	53	24·6	53
109/122	WILGENBOSCH	3132	1935	884	12·0		144·3		39·0		8·0	
109/215	PLATBERG	3135	1938	991	11·5		164·0		31·6		13·0	
109/550	KREITZBERG	3140	1949	1250	9·0		101·4		24·3		6·2	
109/588	VONDELINGSFONTEIN	3148	1950	1280	17·6		232·1		82·5		47·0	
109/785	BO - DOWNES	3135	1957	1052	10·0		107·4		21·0		7·5	
109/835	DIE HOOP	3155	1958	1341	23·0		317·4		117·5		72·0	
109/853	ROOIWAL	3143	1959	1200	10·5		141·4		39·0		32·0	
110/ 89	NUPLAASRIVIER	3159	2003	1295	29·0		164·4		96·0		37·5	
110/385	MIDDELPOS - POL	3155	2013	1128	14·0		76·4		21·2		8·6	
110/512	DIEPDRIFT	3132	2018	1096	19·0		80·1		0·0		0·0	
110/649	HARDERUG	3149	2022	1097	26·0		52·5		4·0		0·0	
111/138	BONEKRAAL	3148	2035	1143	0·0		55·5		4·0		0·0	
111/148	LUSERNVLEI	3158	2035	1219	79·5		71·0		15·0		14·0	
111/373	DANIEL'S HOPE	3143	2043	1128	28·0		67·5		3·5		3·6	
111/789	DE PUTS	3139	2057	1173	84·2		41·7		0·0		3·5	
112/346	PLOEGFONTEIN	3146	2112	1665	118·0		54·7		5·8		9·8	
112/672	RUSDORD	3142	2123	1250	19·2		17·1		0·0		7·5	
112/799	QUAGGASFONTEIN	3149	2127	1150	69·2		58·2		0·0		9·[illegible]	
113/ 25	FRASERBURG - TNK	3155	2131	1259	64·3	131	45·6	94	5·6	27	18·4	67
113/ 43	WAMAKERSVLEI	3143	2132	1278	58·5		61·6		3·0		17·4	
113/321	SPITSHOEK	3151	2141	1288	59·8		49·5		0·0		32·5	
113/330	RATELFONTEIN	3200	2141	1341	56·8		45·5		0·0		16·5	
113/673	SAAIFONTEIN	3143	2153	1295	60·5	141	36·4	60	6·2	38	38·8	144

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1959

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
99/617	36·7	32·7	125·1	80·0	55·8	0·0	95·2	26·2	45·2	26·7	19·8	56·2	599·6	100	594·9	98
99/622	48·6	30·9	132·0	89·3	110·5	0·0	121·6	43·8	40·6	21·1	32·7	91·9	763·0	118	740·7	114
99/647	45·3	32·2	152·5	91·9	40·2	0·0	99·5	24·0	13·5	28·2	13·2	36·7	577·2	110	617·5	117
99/735	93·6	33·0	100·5	91·2	32·3	0·0	107·5	25·4	11·1	31·8	23·6	69·9	619·9	123	607·1	120
99/878	61·6	44·0	92·0	61·0	22·8	0·0	42·5	4·7	1·5	26·5	17·0	59·5	433·1		537·2	
100/ 3	49·7	47·3	106·7	49·4	20·3	0·0	54·6	0·0	4·7	22·2	23·0	44·7	402·6	91	624·2	141
100/ 25	48·6	21·0	90·0	93·5	81·0	0·0	113·5	42·0	42·5	15·9	43·6	59·5	651·1	100	581·9	90
100/ 60	53·3	30·0	105·2	77·4	65·5	0·0	126·5	63·0	31·5	13·5	26·5	53·6	646·0	114	594·1	104
100/ 80	87·0	17·7	89·0	80·5	31·5	11·0	100·0	60·4	25·7	41·0	10·0	50·5	604·3	103	663·1	113
100/293	60·5	22·5	131·0	90·0	83·5	2·5	158·0	41·0	24·0	24·0	27·0	71·5	735·5		692·5	
100/329	124·9	69·8	139·9	130·9	87·7	0·0	100·3	46·0	54·7	39·7	97·4	129·3	1020·6	98	1015·8	97
100/487	105·5	55·5	106·0	67·0	15·7	0·0	43·2	5·5	4·0	18·3	31·2	52·0	503·9		719·1	
100/535	72·5	19·0	119·5	80·5	103·5	0·0	139·5	27·5	33·0	27·5	54·0	69·0	745·5	100	755·0	101
100/617	39·0	30·5	102·8	61·7	16·9	0·0	57·3	8·0	2·5	26·0	33·5	57·0	435·2		495·9	
100/779	71·6	24·2	92·6	75·3	78·5	2·0	161·5	24·0	22·5	31·5	49·4	96·5	729·6	126	628·3	109
101/ 95	43·1	76·2	85·5	107·2	14·7	0·0	35·0	6·4	7·5	11·8	27·6	64·1	479·1	110	547·8	126
101/ 97	45·6	90·5	82·0	95·0	12·0	0·0	34·0	7·0	6·5	0·0	19·0	61·5	453·1	101	595·9	132
101/192	64·0	76·7	87·3	76·9	5·0	0·0	34·9	5·5	0·0	10·5	26·0	47·6	434·4	100	523·9	121
101/227	43·5	69·1	83·3	104·4	5·0	0·0	15·0	5·5	0·0	12·5	17·8	63·0	419·1	63	542·0	81
101/257	72·8	73·8	99·2	112·5	10·1	0·0	41·7	6·0	0·0	32·5	29·4	71·0	549·0	86	629·5	99
101/444	52·5	57·5	67·9	60·2	+-	0·0	64·0	16·6	9·7	21·2	26·5	77·0	(453·1)	94	(505·2)	105
101/447	56·0	66·0	94·0	91·5	30·5	0·0	55·0	16·5	9·5	30·0	37·0	68·5	554·5	126	552·8	126
101/448	56·0	89·8	81·1	103·4	42·0	0·0	63·1	21·8	15·0	31·2	40·8	54·8	597·0	159	(565·0)	150
101/465	80·6	111·3	108·4	102·1	17·7	0·0	34·1	12·6	5·0	19·7	23·0	66·9	581·4		681·5	
101/478	74·0	45·0	106·7	95·6	34·0	0·0	46·7	15·0	0·0	31·4	35·6	84·0	568·0	117	605·3	124
101/641	68·7	100·0	80·3	89·1	25·6	0·0	35·0	23·1	12·2	25·6	25·6	80·3	565·5		622·2	
101/719	91·8	55·0	119·5	117·0	109·0	0·0	64·8	43·5	42·1	45·5	58·5	83·0	829·7	117	914·0	129
101/798	129·1	52·7	114·6	57·0	37·7	0·0	37·0	28·5	6·5	22·2	25·8	87·7	598·8	109	(612·2)	112
101/804	168·5	93·0	159·5	134·5	123·5	0·0	72·5	29·5	9·3	48·5	87·5	86·5	1012·8	129	1182·9	151
102/ 42	61·8	65·0	60·4	89·2	37·7	0·0	38·0	15·3	2·3	30·0	28·1	110·8	538·6	102	563·5	106
102/ 56	101·9	41·4	135·6	109·9	82·1	0·0	92·0	26·0	11·5	54·8	49·7	82·5	787·4		836·0	
102/150	104·5	36·0	118·7	109·2	99·6	0·0	106·8	24·3	14·5	49·2	44·9	77·2	784·9	119	885·2	134
102/169	50·0	45·0	47·5	50·0	50·5	0·0	64·0	25·0	2·0	7·0	28·5	60·5	430·0	89	468·0	96
102/300	83·6	41·6	99·6	96·0	76·7	0·0	94·8	19·7	16·7	33·9	26·1	85·0	673·7	131	744·9	145
102/352	78·6	52·9	102·9	104·4	66·2	0·0	106·8	17·5	12·7	34·3	20·2	70·6	667·1	106	721·1	115
102/369	130·5	94·5	205·0	141·0	166·0	0·0	83·0	30·0	42·0	68·2	109·5	105·3	1175·0	136	1242·0	144
102/542	74·3	98·3	121·9	87·5	66·9	0·0	39·3	22·0	4·9	38·4	39·0	98·1	690·6	128	693·9	128
102/762	69·2	58·5	166·0	102·5	186·2	0·0	151·3	35·0	28·0	40·8	72·5	102·9	1012·9	158	954·5	148
102/840	78·8	59·4	55·4	109·7	120·4	0·0	131·0	11·6	21·0	35·3	29·7	46·4	698·7	142	732·6	149
103/ 53	104·0	62·5	97·0	130·5	245·0	0·0	116·0	51·0	27·5	45·0	73·0	80·5	1032·0		1055·5	
103/ 81	99·4	44·0	117·9	92·0	200·3	0·0	150·5	37·0	36·0	29·1	84·7	103·0	993·9	144	842·1	122
103/139	72·0	48·0	112·4	128·1	192·2	0·0	162·0	43·0	23·0	43·0	74·0	97·7	995·4	148	867·0	128
103/230	63·6	39·7	93·0	103·5	176·5	0·0	124·0	42·5	27·5	20·0	31·0	86·5	807·8	129	780·8	124
103/377	78·9	57·7	137·7	106·1	214·9	0·0	119·9	47·5	26·2	53·6	57·0	88·7	988·2	147	938·2	139
103/397	81·3	63·6	106·4	90·0	209·8	0·5	115·8	32·3	30·4	73·8	68·6	87·6	960·1	140	892·6	131
103/446	112·0	35·0	93·0	120·0	290·0	0·0	141·5	61·0	46·0	53·5	55·5	133·5	1141·0		1145·0	
103/516A	63·1	66·8	93·7	124·0	211·3	0·0	109·3	27·7	18·9	76·9	62·3	87·9	941·9		921·6	
103/570	138·5	55·0	78·0	147·4	345·8	0·0	137·5	53·5	51·0	83·9	52·5	110·0	1253·1	116	1358·9	125
103/886	80·5	67·0	165·5	130·5	365·5	0·0	120·0	35·5	59·1	108·1	77·2	115·3	1324·2	127	1425·6	137
104/206	97·2	48·9	123·3	140·5	274·5	0·0	203·4	89·7	71·0	119·4	44·9	135·1	1347·9	117	1442·1	124
104/423	124·7	61·2	123·9	106·3	298·5	0·0	110·8	67·5	55·0	74·6	110·8	133·5	1266·8	131	1287·8	133
104/704	78·5	65·5	85·5	95·0	219·0	0·0	169·5	84·0	68·5	99·4	75·5	99·5	1140·9	104	1268·1	116
104/734	65·8	80·4	57·1	95·6	187·5	0·0	152·7	88·9	65·8	107·2	67·9	91·3	1061·2		1172·6	
106/408	0·0	5·5	2·0	10·5	53·3	3·3	1·3	30·0	11·7	22·9	0·3	3·2	143·1		106·1	
106/512	0·0	1·0	1·3	10·1	50·8	8·5	6·8	24·6	12·4	13·1	0·3	0·6	129·5		90·5	
106/850	1·2	1·1	3·4	10·3	77·3	7·5	9·6	31·4	7·8	14·9	0·0	3·8	168·3		133·3	
107/197	2·5	4·0	10·0	12·7	100·5	5·0	13·0	28·2	8·5	8·0	0·0	1·0	193·4	110	174·4	99
107/318	3·6	3·5	20·8	26·2	197·0	16·4	34·4	52·0	26·5	21·0	5·5	9·5	416·4	121	351·5	102
107/396	0·9	0·0	1·6	6·1	94·3	5·6	4·0	23·5	0·4	8·2	0·0	2·5	147·1	107	144·6	106
107/510	1·1	8·4	6·2	11·0	174·3	8·5	19·5	53·6	10·5	5·5	0·0	4·6	303·2	136	256·9	115
107/761	0·0	0·0	20·5	10·6	150·6	2·6	8·1	34·9	13·9	22·1	0·0	4·0	267·3	144	204·9	110
108/311	0·0	0·6	16·5	17·2	146·8	15·0	7·5	35·4	9·3	15·3	0·0	9·6	273·3	122	234·7	105
109/122	0·0	12·0	2·0	16·5	125·8	4·5	2·8	31·7	4·3	3·7	0·0	4·0	207·3	111	176·2	94
109/215	0·0	11·5	13·0	21·0	130·0	5·0	1·7	24·9	5·5	7·5	0·0	8·1	228·2	99	215·8	93
109/550	0·0	9·0	2·0	12·0	87·4	5·5	4·5	14·3	0·0	6·2	0·0	0·0	140·9	72	154·7	79
109/588	0·0	11·8	4·5	48·7	178·9	7·9	6·3	68·3	16·0	31·0	0·0	12·3	385·7	106	315·9	87
109/785	0·0	9·0	14·5	7·7	85·2	4·0	0·0	17·0	0·0	7·5	0·0	16·5	161·4	107	148·6	99
109/835	0·0	8·0	8·0	66·0	243·4	14·0	24·0	79·5	23·0	49·0	0·0	12·0	526·9	135	475·9	122
109/853	0·0	10·5	0·0	35·5	105·9	6·0	0·0	33·0	9·5	22·5	0·0	8·0	230·9		227·4	
110/ 89	0·0	13·0	0·0	53·4	111·0	0·0	0·0	96·0	0·0	37·5	0·0	0·0	310·9		286·1	
110/385	0·0	12·0	2·6	13·7	60·1	1·0	2·4	17·8	0·0	8·6	0·0	2·6	120·8	92	128·8	98
110/512	0·0	16·5	41·6	14·5	24·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	96·6	78	163·1	132
110/649	0·0	17·0	0·0	2·0	50·5	0·0	0·0	4·0	0·0	0·0	0·0	0·0	73·5	77	148·5	151
111/138	0·8	0·0	0·0	5·0	50·5	0·0	0·0	4·0	0·0	0·0	0·0	0·0	59·5		134·5	
111/148	24·5	17·0	0·0	0·0	71·0	0·0	0·0	15·0	0·0	14·0	0·0	0·0	141·5		190·5	
111/373	0·0	24·0	0·0	19·0	48·5	0·0	0·0	3·5	0·0	3·6	0·0	8·5	107·1		110·0	
111/789	0·0	48·5	0·0	9·2	32·5	0·0	0·0	0·0	0·0	3·5	0·0	0·0	93·7	73	149·9	117
112/346	0·0	63·0	10·0	12·5	32·2	0·0	0·0	5·8	0·0	9·8	0·0	0·0	133·3		183·5	
112/672	0·0	14·4	7·0	0·0	10·1	0·0	0·0	0·0	0·0	7·5	0·0	0·0	39·0		50·2	
112/799	0·0	37·8	25·2	12·0	21·0	0·0	0·0	0·0	0·0	9·0	0·0	0·0	105·0		128·8	
113/ 25	0·3	43·5	15·0	13·0	17·6	0·6	1·6	3·4	0·1	18·2	0·1	53·7	167·1	113	135·2	91
113/ 43	0·0	46·6	19·1	17·3	25·2	3·0	0·0	0·0	0·0	17·4	0·0	0·0	128·6	79	123·1	
113/321	0·0	42·5	15·0	14·5	20·0	0·0	0·0	0·0	0·0	16·0	16·5	14·5	139·0	79	114·3	[illegible]
113/330	0·0	41·3	13·0	18·5	17·0	0·0	0·0	0·0	0·0	16·5	0·0	47·3	150·6	104	145·2	101
113/673	12·5	32·5	11·5	4·0	20·9	0·5	2·3	3·4	0·0	14·3	24·5	61·5	187·9	129	108·9	75

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
113/711	HEREENIGING	31°51′	21°54′	1265	62·9		31·8		0·0		0·0	
114/505	DRIEFONTEIN	3155	2217	1448	46·0		30·8		0·0		17·4	
114/597	THE ROSARY	3157	2220	1463	82·7		45·5		5·0		26·5	
114/649	SNYDERSFONTEIN	3149	2222	1524	60·0		53·5		10·7		18·8	
114/700	SLANGFONTEIN	3140	2224	1494	135·9		48·0		19·0		44·5	
114/747	DUNEDIN	3157	2225	1448	104·3		55·9		8·8		31·3	
114/815	LAKENVLEI	3135	2228	1463	87·4		59·4		26·7		18·0	
115/528	WAGENAARSKRAAL	3148	2248	1310	131·1	184	34·8	55	18·6	113	13·9	40
115/595	GANNAKRAAL	3155	2250	1311	100·0		33·8		19·0		16·8	
116/ 83	BRAKFONTEIN	3153	2303	1103	107·5	140	47·4	55	16·4	57	26·0	54
116/379	ROOIKRANS	3149	2313	1311	101·6		75·1		31·6		21·9	
117/ 47	LOSKOP	3147	2332	1219	95·9		73·5		20·0		13·0	
117/196	ALLEMANSFONTEIN	3146	2337	1189	90·5		81·5		25·4		23·5	
117/447	MURRAYSBURG - POL	3157	2345	1158	108·8	124	60·4	61	6·8	24	13·0	25
117/487	ELANDSPOORT	3137	2347	1356	62·2		71·2		20·0		18·2	
117/675	KLIPPLAAT	3145	2353	1524	126·5	147	71·9	73	28·3	100	12·0	20
117/749	VLEIPLAAS	3159	2355	1326	119·8		72·7		13·6		14·9	
118/ 29	COETZEESKRAAL	3159	2401	1448	148·5		93·0		23·0		25·5	
118/180	MERINO	3200	2406	1546	191·9		147·4		25·6		26·0	
118/370	AUGUSTKRAAL	3140	2413	1675	116·7		83·7		7·8		30·0	
118/395	ZOETVLEI	3135	2414	1631	148·1	139	83·9	77	10·5	31	38·9	65
118/535	RONNEFONTEIN	3155	2418	1417	104·5		57·7		27·7		35·3	
118/640	VERGELEGEN	3140	2422	1676	126·3	115	53·6	60	19·2	65	31·8	51
118/645	BATTLECREEK	3145	2422	1460	165·2		139·3		42·5		42·6	
119/ 82	NIEU - BETHESDA	3152	2433	1341	151·5	129	95·7	89	51·2	137	24·2	32
119/ 91	COETZEESKRAAL	3131	2434	509	124·8		100·5		8·2		5·2	
119/ 97	DONKERHOEK	3137	2434	1798	129·7		105·0		21·0		13·0	
119/315	GORDONVILLE	3145	2441	1676	214·8		108·6		32·5		31·0	
119/401	COETZEESFONTEIN	3141	2444	1675	143·0		89·6		28·9		26·2	
119/444	BETHESDAWEG - SAR	3154	2445	1408	111·7		87·5		61·0		25·5	
119/725	GREYSTONE	3135	2455	1433	189·1		113·1		7·7		25·0	
119/736	ROOIHOOGTE - SAR	3146	2455	1522	159·5		114·2		28·5		38·6	
120/ 10	PHILADELPHIA	3140	2501	1341	188·4		83·8		16·7		47·0	
120/243	GREYVILLE	3133	2509	1189	240·2		102·8		19·2		32·7	
120/338	TAFELBERG HALL	3138	2512	1128	203·0	161	125·3	116	14·7	61	42·9	54
120/351	THORNDALE	3151	2512	1173	149·0		119·5		17·5		24·0	
120/826	GRASSRIDGE	3146	2528	1063	127·0		112·3		24·0		48·4	
120/838	FORTUINPLAAS	3158	2528	1036	170·0		135·0		9·5		33·5	
121/191	TEVIOT	3141	2537	1147	194·9		147·3		28·1		49·5	
121/275	KAREEFONTEIN	3135	2540	1234	170·1		115·9		16·6		235·6	
121/421	TAFELKOP	3131	2545	1250	111·4	92	131·5	104	21·8	100	29·5	36
121/518	HOFMEYR - MUN	3138	2548	1251	146·3	118	131·2	112	25·5	113	45·5	53
121/574	BLOEMHOF	3134	2550	1295	148·5		140·2		21·5		59·5	
121/598	GROOTDAM	3158	2550	1250	159·7		163·9		37·0		36·2	
121/732	CHARMINGVALE	3142	2555	1340	149·5		138·5		31·0		64·5	
121/875	SPITSKOP - AGR	3135	2600	1372	126·5		113·5		44·0		92·5	
122/ 71	SMDORDRIF	3141	2603	1524	138·6	95	122·7	87	30·5	82	37·0	37
122/197	BELLAVISTA	3147	2607	1555	244·3		161·4		63·5		86·4	
122/469	ELANDSFONTEIN	3149	2616	1512	128·0		145·9		43·0		81·8	
122/480	TARKASTAD - POL	3200	2616	1294	220·9	142	139·3	106	54·0	142	45·7	44
122/514	WILDEPERDEHOEK	3134	2618	1707	199·8		182·0		42·8		120·7	
122/806	WAVERLEY	3156	2627	1725	203·3	111	115·3	84	29·6	97	71·2	64
123/ 63	STERKSTROOM - POL	3133	2633	1343	260·5	136	148·7	112	22·6	64	69·7	61
123/111	ALPHEN	3151	2634	1189	199·0		173·9		72·3		73·3	
123/244	ESPERANZA	3134	2639	1524	250·6		137·5		34·0		78·2	
123/304	GARDLEY CHASE	3134	2641	1509	303·7		165·7		51·3		95·2	
123/466	NODITGEDACHT	3146	2646	1364	193·0		155·5		30·5		65·7	
123/512	KALKGENKRANTZ - POL	3132	2648	1524	205·8		165·0		17·0		62·0	
123/654	QUEENSTOWN - TNK	3154	2652	1067	237·4	112	157·0	109	45·7	124	67·5	50
123/683	QUEENSTOWN - MUN	3153	2653	1077	277·9		165·9		47·0		72·4	
123/685	QUEENSTOWN - AGR	3155	2653	1077	210·5		147·6		45·0		65·2	
123/716	QUEENSTOWN - HOSP	3156	2654	1158	251·3		125·6		53·5		90·2	
123/793	QOQODALA	3143	2657	1219	220·5		172·9		45·8		161·6	
124/402	LADY FRERE - TNK	3142	2714	1036	227·5	89	229·5	160	49·0	132	92·0	68
124/510	CONTEST	3200	2717	834	277·7	130	215·5	149	45·1	124	103·1	74
124/611	FROSSAY	3141	2721	1135	233·3		251·3		55·7		71·7	
124/666	EIFFEL	3136	2723	1524	105·5		295·5		21·5		73·6	
125/ 47	NQUQU - BOS	3147	2732	1326	412·8		298·5		114·2		158·4	
125/ 82	HOYANA - BOS	3152	2733	1410	323·4		336·5		83·5		128·3	
125/150	COFIMVABA - TNK	3200	2735	953	337·2	126	232·0	135	66·3	134	116·3	64
125/278	HOTA	3138	2740	1128	289·3		461·5		111·0		135·8	
125/301	CALA	3131	2741	1198	312·1		394·1		55·8		134·4	
125/432	NOMADAMBA - BOS	3142	2745	1067	536·9	111	463·0	192	97·0	170	270·5	89
125/454	MTINTHLONI - BOS	3134	2746	1489	493·5		(364·0)		63·9		172·0	
125/868	INDLUNKULU - BOS	3158	2759	1143	342·1		329·5		124·1		172·7	
125/880	ENGCOBO - TNK	3140	2800	975	338·9	98	540·7	256	74·3	125	177·5	76
126/ 82	NKOBONGO - AGR	3152	2803	991	411·3		471·0		128·2		231·4	
126/141	MJANYANA	3151	2805	1036	(203·2)		468·9	242	83·5	155	156·0	77
126/245	MANINA - BOS	3135	2809	1067	495·8		452·2		133·0		338·5	
126/724	BAZIYA - BOS	3134	2825	735	252·5	46	315·4	111	(30·0)	-	256·3	70
127/197	QUNU - BOS	3147	2837	853	213·0		323·0		138·5		1 ·8	
127/298	ELLIOTDALE - TNK	3158	2840	671	243·5	96	523·0	282	127·0	182	180	83
127/406	CEZU - BOS	3146	2844	829	269·6	90	364·0	189	174·5	248	199·1	88
127/414	XORANA - BOS	3154	2844	808	255·8		436·0		178·5		201·7	
127/426	OWEN DAM	3136	2845	853	238·9		279·0		125·9		148·7	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	M·A A N D - M O N T H MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	J A A R JAN 1959 DEC 1959 MM	PER	Y E A R JUL 1958 JUN 1959 MM	PER
113/711	0·0	53·0	10·5	9·8	11·5	0·0	0·0	0·0	0·0	0·0	0·0	11·0	95·8		94·7	
114/505	7·0	24·0	3·3	6·0	21·5	0·0	0·0	0·0	0·0	7·4	10·0	40·0	119·2	64	96·3	52
114/597	12·0	28·2	14·5	16·0	15·0	0·0	5·0	0·0	0·0	8·5	18·0	34·0	151·2	79	146·7	77
114/649	16·0	16·0	14·6	15·0	23·9	0·0	9·2	1·5	0·0	9·0	9·8	9·5	124·5	61	137·4	67
114/700	17·0	20·5	8·0	15·5	24·5	0·0	19·0	0·0	0·0	16·0	28·5	12·0	161·0		217·2	
114/747	12·0	25·5	7·8	23·2	24·9	0·0	8·8	0·0	0·0	18·5	12·8	25·0	158·5	82	187·6	97
114/815	31·5	15·2	0·0	15·4	44·0	0·0	21·2	5·5	0·0	10·0	8·0	8·6	159·4	79	175·7	88
115/528	3·5	14·5	3·0	22·5	9·3	0·0	17·2	1·4	0·6	9·3	4·0	21·7	107·0	57	224·3	120
115/595	29·5	15·5	0·0	32·0	1·8	0·0	19·0	0·0	0·0	12·8	4·0	0·0	114·6	55	166·8	78
116/ 83	12·0	21·0	9·5	25·4	12·5	0·0	15·0	1·4	4·0	20·0	2·0	13·5	136·3	57	225·6	95
116/379	15·0	41·0	30·0	25·9	19·2	0·0	27·7	3·9	0·0	19·4	2·5	19·8	204·4		248·5	
117/ 47	19·6	30·0	38·7	13·3	21·5	0·0	20·0	0·0	0·0	5·5	7·5	31·8	187·9	91	224·7	110
117/195	7·0	34·0	45·5	20·0	16·0	0·0	22·2	3·2	2·0	16·5	5·0	24·8	196·2	88	229·7	103
117/447	33·8	11·5	31·5	16·6	12·3	0·0	6·5	0·3	0·0	9·5	3·5	15·0	140·5	53	227·7	85
117/487	0·0	27·2	24·2	21·0	26·0	0·0	20·0	0·0	7·0	0·0	11·2	38·0	174·6	66	222·1	84
117/675	13·9	57·6	33·3	22·8	15·8	0·0	20·5	7·8	2·5	5·7	3·8	19·1	202·8	74	316·1	115
117/749	33·0	21·5	36·0	23·5	13·2	0·0	10·6	3·0	0·0	11·5	3·4	23·0	178·7	67	232·7	88
118/ 29	23·1	39·1	49·9	23·0	20·1	0·0	12·7	10·3	0·6	16·4	8·5	43·9	247·6	81	304·8	100
118/180	27·0	52·4	64·8	47·6	35·0	0·0	15·9	9·7	0·0	19·5	6·5	21·5	299·9	87	428·1	125
118/370	27·6	25·1	20·0	36·9	26·8	0·0	7·8	0·0	3·9	8·4	17·7	35·3	209·5		274·3	
118/395	23·5	37·9	29·5	26·5	27·9	0·0	8·0	2·5	0·0	8·4	30·5	40·9	235·6	77	310·5	101
118/535	20·5	25·5	6·0	48·7	13·0	0·0	26·0	1·7	9·0	1·3	25·0	3·5	180·2		245·9	
118/640	17·8	26·0	20·4	23·9	19·3	0·0	12·5	6·7	2·5	6·5	22·8	37·8	196·2	64	254·9	83
118/645	37·8	40·5	29·6	61·1	48·6	0·0	28·3	14·2	9·3	11·8	21·5	22·7	325·4		401·7	
119/ 82	40·0	32·0	38·9	31·9	24·9	0·0	34·5	16·7	8·5	6·2	9·5	13·0	256·1	76	327·9	97
119/ 91	35·5	34·5	51·0	31·0	18·5	0·0	6·9	1·3	0·0	5·2	0·0	57·0	240·9	72	303·9	91
119/ 97	12·0	32·2	29·0	37·0	39·0	0·0	21·0	0·0	0·0	6·0	7·0	39·0	222·2	65	321·1	94
119/315	39·4	45·9	27·1	52·4	29·1	0·0	29·5	3·0	0·0	16·0	15·0	34·6	292·0	70	(331·0)	
119/401	35·0	23·0	30·2	33·4	26·0	2·0	20·9	6·0	0·0	10·9	15·3	48·8	251·5		308·0	
119/444	23·2	29·5	40·5	37·0	10·0	0·0	43·5	17·5	0·0	16·0	9·5	15·5	242·2	78	282·7	91
119/725	44·9	70·9	33·9	49·0	30·2	0·0	5·2	2·5	0·0	13·5	11·5	71·4	333·0	117	389·9	138
119/736	39·0	47·0	48·2	41·5	24·5	0·0	22·5	6·0	0·0	19·6	19·0	31·5	298·8	78	408·8	106
120/ 10	50·5	87·0	17·5	34·3	32·0	0·0	16·7	0·0	0·0	28·0	19·0	37·7	322·7	108	350·7	117
120/243	66·2	90·4	28·2	43·8	30·8	0·0	18·9	0·3	0·2	29·0	3·5	18·7	330·0	98	429·8	128
120/338	68·5	77·9	35·6	59·6	32·1	0·0	14·3	0·4	0·7	22·3	19·9	34·1	363·4	108	423·1	126
120/351	34·5	54·5	61·5	34·5	23·5	0·0	17·5	0·0	0·0	17·5	6·5	34·0	284·0	87	362·5	111
120/826	43·0	47·5	32·4	54·4	25·5	0·0	20·5	3·5	0·0	34·0	14·4	21·0	296·2	99	335·4	112
120/838	82·5	42·0	82·0	22·5	30·5	0·0	9·5	0·0	0·0	25·5	8·0	39·5	342·0	118	366·5	126
121/191	72·5	87·0	39·1	58·7	49·5	1·5	23·5	3·1	0·0	44·5	5·0	25·2	409·6	123	505·0	152
121/275	61·4	35·6	33·2	42·5	40·2	1·3	14·1	1·2	3·0	26·3	16·3	19·8	294·9	91	450·5	139
121/421	39·7	33·8	43·0	44·1	44·4	0·0	14·8	7·0	0·0	21·3	8·2	18·2	274·5	78	389·4	110
121/518	51·5	31·3	37·5	51·6	42·1	3·0	15·5	7·0	0·0	27·0	16·5	17·0	302·0	86	416·4	118
121/574	43·5	58·0	57·5	44·7	38·0	0·0	17·0	4·5	0·0	20·5	39·0	24·5	347·2	97	440·4	123
121/598	38·1	60·1	73·8	62·8	27·3	0·0	29·2	7·8	5·1	23·3	7·8	52·0	387·3	137	434·7	154
121/732	48·5	52·5	65·0	38·5	35·0	0·0	31·0	0·0	12·0	35·0	17·5	38·5	373·5		384·5	
121/875	33·0	56·0	49·0	41·5	23·0	3·0	39·0	2·0	2·5	36·0	54·0	47·5	386·5	104	365·5	98
122/ 71	36·8	39·7	42·5	46·5	33·7	0·0	25·0	5·5	4·5	21·8	10·7	33·5	300·2	70	417·5	98
122/197	31·2	64·7	71·7	50·7	39·0	1·1	49·4	13·0	14·5	41·0	30·9	38·1	445·3	100	556·6	125
122/469	21·8	48·2	67·0	46·9	32·0	3·0	35·0	5·0	11·5	41·3	29·0	42·5	383·2	93	419·4	102
122/480	74·3	60·5	55·6	56·7	27·0	0·0	45·0	9·0	5·0	33·2	7·5	57·7	431·5	101	519·5	122
122/514	29·7	73·5	64·5	56·4	61·1	0·0	32·2	10·6	13·0	24·7	83·0	34·7	483·4	95	547·4	108
122/808	46·1	49·0	53·9	42·5	18·9	0·0	29·6	0·0	13·0	24·7	33·5	30·3	341·5	74	454·0	98
123/ 63	22·5	94·7	49·0	48·2	51·5	0·0	14·6	8·0	19·0	15·2	35·5	83·2	441·4	93	542·7	114
123/111	73·5	42·5	76·8	56·1	41·0	32·0	32·8	7·5	21·6	22·5	29·2	56·0	491·5	121	571·9	141
123/244	59·4	92·0	43·1	39·7	54·7	0·0	24·5	9·5	12·7	17·2	48·3	109·8	510·9	110	486·8	104
123/304	53·9	112·8	56·8	60·3	48·6	1·6	32·9	16·8	15·3	18·9	61·0	111·7	590·6	110	611·2	114
123/466	46·5	54·5	39·0	51·5	65·0	0·0	26·0	4·5	21·2	21·0	23·5	112·0	464·7	99	498·0	106
123/512	16·9	48·4	46·0	63·5	56·5	0·0	9·0	8·0	15·0	19·5	27·5	74·5	383·8	86	488·6	109
123/654	52·1	59·8	46·5	66·0	44·5	0·7	37·0	8·0	21·5	12·6	33·4	88·2	470·3	89	530·5	100
123/683	62·7	67·3	46·3	70·7	48·9	0·5	37·5	9·0	22·2	13·4	36·8	88·4	503·7		582·1	
123/685	46·4	42·0	41·1	59·5	47·0	0·0	37·5	7·5	23·0	11·7	30·5	74·3	420·5		479·0	
123/716	67·2	54·1	39·4	37·3	48·9	0·0	38·0	15·5	36·5	11·7	42·0	66·7	457·3	90	512·0	101
123/793	41·4	76·5	30·4	80·0	62·5	0·0	32·6	13·2	16·5	14·5	130·6	141·5	639·7	109	529·4	90
124/402	58·0	55·5	58·0	104·5	67·0	0·0	30·0	19·0	16·0	21·5	54·5	80·0	574·0	101	600·5	106
124/510	83·0	87·4	71·5	92·9	51·1	0·6	27·8	16·7	22·3	18·1	62·7	99·9	634·0	118	612·0	115
124/611	41·5	65·5	87·6	70·2	93·5	0·0	34·5	21·2	13·7	13·6	44·4	89·9	575·6	106	588·7	108
124/666	15·0	67·5	92·0	84·5	119·0	0·0	7·5	14·0	19·6	22·0	32·0	83·0	556·1	96	499·5	86
125/ 47	133·2	147·9	87·3	121·9	89·3	3·5	80·2	30·5	21·7	57·1	79·6	132·1	984·3	98	969·3	96
125/ 82	103·7	110·7	144·5	88·5	103·5	3·0	54·0	26·5	24·5	46·0	57·8	95·0	857·7	133	854·4	132
125/150	102·0	111·0	88·5	95·0	48·5	0·0	44·5	21·8	13·0	44·5	58·8	93·0	720·6	108	851·4	127
125/278	91·5	114·8	32·0	201·0	228·5	0·0	51·0	60·0	7·0	18·6	110·2	84·0	998·6	157	982·3	155
125/301	75·9	101·9	57·6	110·1	226·4	0·0	27·6	28·2	19·6	28·0	86·8	131·5	893·6		865·1	
125/432	174·8	142·0	140·5	141·0	181·5	0·0	54·5	42·5	30·0	93·5	147·0	379·7	1527·0	141	1341·6	123
125/454	169·5	136·5	--	130·0	234·0	0·0	39·9	24·0	43·0	40·0	89·0	145·0	(1050·9)		(1155·7)	
125/868	115·2	70·2	113·4	104·9	111·2	0·8	100·2	23·1	12·4	60·4	99·9	139·0	950·7	113	937·2	111
125/880	42·8	138·2	125·0	88·9	326·8	0·0	52·9	21·4	31·5	47·0	99·0	132·5	1106·0	130	1075·2	128
126/ 82	175·9	90·7	148·2	135·8	187·0	0·0	101·0	27·2	18·9	93·5	119·0	190·7	1287·9	123	1210·3	115
126/141	--	105·5	185·0	130·4	153·5	0·0	55·5	28·0	13·5	49·0	93·5	155·5	(969·4)		(902·9)	
126/245	188·0	116·5	106·0	135·2	209·0	0·0	70·5	62·5	48·5	82·0	208·0	168·5	1396·7	115	1295·0	106
126/724	82·5	47·5	160·5	120·4	34·5	0·0	--	30·0	35·0	35·0	186·3	69·0	(800·7)	-	854·4	67
127/197	63·0	52·0	60·0	90·5	172·5	0·0	108·0	30·5	12·7	42·1	107·0	175·5	913·8	133	45·0	108
127/298	86·5	60·0	115·5	113·5	294·0	0·0	81·5	45·5	48·5	57·5	79·2	127·7	1109·4	151	10[illegible]·8	142
127/406	86·4	63·5	84·6	89·2	190·2	0·0	132·0	42·5	36·1	60·8	102·2	117·1	1004·6	127	931·0	118
127/414	74·0	61·5	95·0	96·5	244·5	0·0	134·0	44·5	36·5	61·0	104·2	120·0	1071·7	138	991·8	128
127/426	46·5	64·3	91·9	97·1	90·0	0·0	98·9	27·0	22·0	49·2	77·5	87·1	751·5		719·3	

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1959

NR/NO	STASIE / STATION	B S	L E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
127/438	MGANDULI - TNK	31°48′	28°45′	701	256·4		336·3		160·3		166·1	
127/485	UMTATA	3135	2847	700	226·3		295·9		(33·3)		180·0	
127/789	SEBENI - BOS	3139	2857	853	306·1		358·8		86·0		243·5	
127/833	WILO - BOS	3153	2858	607	340·1	94	449·6	194	178·5	188	247·7	78
128/ 32	LIBODE - BOS	3132	2902	838	280·1	92	267·2	141	141·1	188	187·1	86
128/ 40	NGQELENI - TNK	3140	2902	686	272·2		334·3		169·0		167·2	
128/314	NOTINSILA - BOS	3144	2911	488	387·5	86	(204·0)	-	132·4	113	216·0	59
128/430	CUELE	3140	2915	472	304·9		296·5		204·0		159·3	
129/ 7	PORT ST JOHNS - BOS	3137	2931	256	340·0	76	246·0	74	234·0	137	292·3	71
129/ 68	PORT ST JOHNS - POL	3138	2933	47	319·7		226·8		215·6		284·5	
129/ 68A	CAPE HERMES - VRT	3138	2933	47	258·8		162·1		171·4		202·6	
131/170	SWARTBOOISVLEI	3120	1806	152	1·0		85·9		59·0		21·3	
131/437	ELANDSFONTEIN	3117	1815	305	0·0		100·0		76·0		22·5	
131/639	NUWERUS - POL	3109	1822	366	0·0		93·3		67·6		15·5	
131/767	GROOTGRAAFWATER	3117	1826	224	2·3		42·5		37·2		13·0	
133/ 50	CLOUDSKRAAL	3120	1902	792	9·4	31	322·5	300	164·4	74	57·3	56
133/202	NIEUWOUDTVILLE - POL	3122	1907	719	6·5		231·2		115·0		39·8	
134/378	GROOTVLAKTE	3118	1943	838	4·5		168·7		50·3		25·3	
134/478	CALVINIA - TNK	3128	1946	980	17·8	65	150·8	232	40·0	52	8·3	19
134/623	RHENOSTERHOEK	3123	1951	1090	0·0		164·5		57·5		39·0	
134/854	MANELSFONTEIN	3114	1959	1097	36·5		113·2		25·0		8·0	
135/836	OU KOPPIESKRAAL	3126	2028	1036	24·5		41·7		0·0		2·0	
136/367	BORDEAUX	3107	2043	1049	34·0		43·7		4·0		10·2	
136/740	WILLISTON - SKL	3120	2055	1079	42·8		57·0		3·5		1·1	
137/337	GROOTFONTEIN	3107	2112	1188	48·6		47·3		0·0		20·8	
137/614	SKUINSHOOGTE	3114	2121	1146	43·2		25·1		1·0		20·1	
138/ 30	SPRINGFONTEIN	3130	2131	1140	65·9		52·7		2·2		21·7	
138/ 41	GORAAS	3111	2152	1219	45·5	104	29·8	55	5·0	26	13·0	46
138/143	DIE LAND	3123	2135	1216	61·0		51·3		4·0		26·0	
139/ 89	VISGAT	3129	2203	1265	71·0		24·9		5·9		6·3	
139/658	LOXTON - POL	3128	2222	1369	87·0	116	53·0	65	17·5	59	41·1	93
139/850	PRINSHOF	3116	2229	1402	58·3		51·2		11·0		10·0	
140/ 20	RIETFONTEIN	3120	2231	1393	60·7		43·0		10·5		14·0	
140/207	BOSHOEK	3127	2237	1341	47·6		31·6		15·5		22·5	
140/582	KWEEKWA	3112	2250	1281	80·9		45·3		11·0		13·0	
140/616	STERLING	3116	2251	1311	56·3		50·2		17·0		14·9	
141/ 66	RHEBOKSFONTEIN	3106	2303	1356	70·9		69·5		7·8		9·7	
141/264	VICTORIA WEST - AER	3124	2309	1256	155·0		54·1		7·9		17·1	
141/307	KALKFONTEIN	3107	2311	1219	68·9		47·1		7·9		13·5	
141/329	BIESJESFONTEIN	3129	2311	1273	150·9		51·6		9·9		30·3	
141/664	DOMBIETERSFONTEIN	3104	2323	1234	89·9		102·4		6·6		21·0	
142/153	LEKKERVLEI	3103	2336	1280	104·7	140	99·1	106	5·0	26	19·0	41
142/158	BESKUITKUIL	3108	2336	1260	113·2		111·5		3·5		31·0	
142/248	SELBOURNE	3108	2339	1295	120·8		84·0		0·0		27·9	
142/262	KLIPKRAAL	3122	2339	1308	115·6		100·8		13·9		32·1	
142/379	PATRYSFONTEIN	3119	2343	1311	96·7		112·8		4·8		16·0	
142/497	DUFONTEIN	3117	2347	1356	80·5		109·0		10·3		16·0	
142/805	RICHMOND KP - TNK	3125	2357	1433	165·8	176	93·4	83	16·7	54	25·5	43
142/853	DIE AARPLAAS	3113	2359	1427	118·7		86·5		1·6		14·8	
143/258	SCHEURFONTEIN	3118	2409	1509	173·0	174	106·4	98	6·8	29	19·8	34
143/345	GROOTFONTEIN	3115	2412	1517	153·1		97·7		4·2		18·0	
143/579	THE MILLS	3109	2420	1356	123·7		63·4		6·9		10·6	
143/598	MIDDLEMOUNT	3128	2420	1494	179·5		104·3		8·0		7·0	
143/784	HANOVER - POL	3104	2427	1387	205·2	193	89·7	76	4·8	22	22·3	32
144/ 85	BOKFONTEIN	3125	2433	1448	187·5	184	78·7	70	9·0	36	14·5	23
144/250	VREDE	3110	2439	1463	219·5		106·0		21·2		17·2	
144/449	KAPOKHOEK	3129	2445	1524	196·5	212	94·5	89	7·8	36	15·2	25
144/602	MORIA	3102	2451	1402	267·5		91·9		7·5		5·0	
144/697	LEKKERPLAATS	3107	2454	1433	234·4		112·3		16·1		20·5	
144/876	NOOITVERWAG	3106	2500	1520	198·8		113·3		2·0		22·3	
144/900	MIDDELBURG KP - TNK	3130	2500	1248	194·5		121·6		16·5		28·5	
145/ 59	GROOTFONTEIN - AGR	3129	2502	1263	193·9		103·5		21·8		34·3	
145/261	TELPOORT	3121	2509	1372	287·7	258	122·5	110	16·5	79	20·2	22
145/310	GROENVLEI	3110	2511	1555	214·3		144·3		12·5		27·5	
145/399	GRAPEVALE	3109	2514	1463	167·6	148	151·9	123	13·0	59	27·7	34
145/810	MANOR HOLME	3130	2527	1128	139·1	121	110·7	94	21·0	100	32·4	36
146/ 2	KNEL	3102	2531	1509	111·1		106·0		0·0		24·2	
146/ 17	SKILDERKRANS	3117	2531	1372	155·5		150·2		17·8		38·3	
146/ 52	HILLSTON	3122	2532	1265	214·8		116·5		24·1		29·2	
146/ 71	PYLFONTEIN	3111	2533	1783	184·3	118	212·2	134	30·1	91	29·9	28
146/274	VERSTERSFONTEIN	3104	2540	1600	196·3		136·6		6·0		58·6	
146/453	EENBULT	3103	2546	1555	156·7		179·3		13·5		47·0	
146/588	STEYNSBURG - POL	3118	2550	1448	219·0	166	148·5	113	16·5	66	44·0	47
146/751	TWEEFONTEIN	3101	2556	1524	127·3		184·9		10·0		49·0	
146/765	RIETBRON	3115	2556	1524	169·1		179·4		27·3		39·9	
147/ 10	HILLMOOR	3110	2601	1555	199·6	155	156·0	107	21·4	66	49·5	49
147/ 95	STORMFONTEIN	3105	2604	1516	161·0		172·5		15·5		39·5	
147/170	ZUURFONTEIN	3120	2606	1600	213·8		191·2		30·6		52·8	
147/222	GRESHAM	3112	2608	1494	220·7		160·5		26·0		42·7	
147/225	HILLSIDE	3115	2608	1514	266·8		127·5		(3·4)		56·8	
147/253	ROSSLANDS	3113	2609	1494	200·9		135·3		14·8		53	
147/338	ERINMORE	3108	2612	1516	151·5		163·4		11·9		39·2	
147/355	GROOT ZEEKOEGAT	3125	2612	1676	245·8		180·5		29·0		65·5	
147/398	MOOIVLEI	3108	2614	1516	150·5		140·3		15·1		54·3	
147/409	COLLINGHAM	3119	2614	1524	286·6		156·2		18·0		39·1	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
127/438	71·6	65·2	62·3	92·4	181·6	0·0	129·3	31·0	29·5	41·8	94·8	105·3	904·8	132	907·4	133
127/485	40·8	62·5	109·9	103·0	83·0	0·0	--	33·3	25·4	70·7	83·9	91·5	(704·0)		749·9	
127/789	113·0	57·0	105·5	105·3	148·0	0·0	77·5	8·5	96·0	55·0	92·5	104·9	963·2	116	944·2	113
127/833	104·3	71·5	68·5	92·9	288·2	0·0	109·0	69·5	41·7	79·4	126·6	115·1	1166·7	116	1225·4	122
128/ 32	55·4	52·6	48·7	88·8	129·7	0·0	112·1	29·0	30·0	74·3	82·8	108·0	811·4	103	755·7	97
128/ 40	71·0	55·0	63·9	95·5	174·9	0·0	125·5	43·5	40·4	49·0	77·8	91·7	888·2	118	882·1	117
128/314	62·0	38·5	75·5	--	128·5	0·0	50·0	82·4	51·4	55·6	109·0	150·5	(803·4)	-	1016·8)	-
128/430	62·5	61·9	42·0	83·6	170·9	0·0	112·5	91·5	34·5	50·0	74·8	93·0	877·2		898·1	
129/ 7	96·5	99·5	76·5	83·0	86·5	0·0	91·5	142·5	73·5	130·5	88·3	146·0	1114·3	82	1141·0	84
129/ 68	93·6	94·5	76·2	71·8	78·8	0·0	89·9	125·7	45·4	129·6	99·5	145·0	1050·0		1011·5	
129/ 68A	72·1	82·9	46·0	65·9	50·2	0·0	73·6	97·8	46·4	79·0	77·2	121·4	812·5		746·2	
131/170	1·0	0·0	1·4	13·9	70·6	4·8	17·1	37·1	10·0	11·3	0·0	5·5	172·7		118·9	
131/437	0·0	0·0	0·0	15·5	84·5	6·5	27·0	42·5	13·0	9·5	0·0	4·0	202·5		137·0	
131/639	0·0	0·0	2·0	17·0	74·3	4·5	22·1	41·0	5·7	9·8	0·0	5·0	181·4	123	129·3	88
131/767	0·0	0·0	3·5	5·5	33·5	4·2	15·5	17·5	5·5	7·5	0·0	2·0	94·7		56·8	
133/ 50	0·1	8·4	0·0	47·6	274·9	16·7	36·1	111·6	31·5	22·8	3·0	34·5	587·2	128	432·3	94
133/202	0·0	6·5	10·5	29·5	191·2	14·0	23·0	78·0	23·8	16·0	0·0	30·5	423·0	129	324·7	99
134/378	0·0	4·5	11·0	32·0	125·7	4·5	3·0	42·8	0·0	25·3	0·0	4·5	253·3	135	194·8	104
134/478	0·0	15·0	1·9	31·9	117·0	8·2	4·7	27·1	2·0	6·3	0·0	6·0	220·1	105	197·7	94
134/623	0·0	0·0	0·0	35·0	129·5	5·5	0·0	52·0	0·0	39·0	0·0	0·0	261·0	117	209·0	93
134/854	20·0	6·0	1·4	16·4	95·4	2·5	0·8	21·7	2·0	6·0	0·0	10·0	182·2		160·4	
135/836	0·0	24·5	0·0	10·0	31·7	0·0	0·0	0·0	0·0	2·0	0·0	0·0	68·2		66·2	
136/367	8·0	19·0	0·0	6·5	37·2	0·0	4·0	0·0	0·0	10·2	0·0	0·0	84·9		92·7	
136/740	0·0	31·8	2·5	14·5	40·0	1·0	0·0	2·5	0·0	1·0	0·1	1·6	95·0		117·8	
137/337	0·0	30·7	3·5	14·2	29·6	0·0	0·0	0·0	0·0	17·3	3·5	0·0	98·8	63	100·1	64
137/614	5·0	25·5	0·0	6·0	19·1	1·0	0·0	0·0	0·0	20·1	0·0	0·0	76·7	63	104·8	86
138/ 30	7·0	26·5	16·5	9·0	27·2	0·0	0·0	2·2	0·0	21·7	0·0	3·2	113·3		129·3	
138/ 41	0·0	21·0	4·0	3·0	22·8	3·0	0·0	2·0	0·0	13·0	0·0	6·5	75·3	51	95·8	66
138/143	0·0	19·0	5·0	15·5	30·8	0·0	0·0	4·0	0·0	20·5	5·5	8·0	108·3		124·5	
139/ 89	10·0	24·0	4·5	2·9	17·5	1·7	4·2	0·0	0·0	3·8	2·5	7·5	78·6	47	115·7	69
139/658	24·5	18·0	11·0	16·5	25·5	0·0	13·5	4·0	0·0	10·5	30·6	23·0	177·1	77	172·0	74
139/850	5·7	10·6	4·7	17·5	29·0	0·0	11·0	0·0	0·0	10·0	0·0	18·5	107·0	48	130·5	59
140/ 20	5·5	13·0	9·0	15·5	18·5	0·0	10·5	0·0	0·0	14·0	0·0	13·0	99·0	49	118·7	59
140/207	5·5	0·0	0·0	19·0	12·6	0·0	15·5	0·0	0·0	17·0	5·5	0·0	75·1	36	139·7	66
140/582	24·5	25·5	21·0	8·5	15·8	1·0	10·0	0·0	0·0	12·0	1·0	29·5	148·8	67	171·7	77
140/616	8·5	18·2	24·0	11·0	15·2	0·0	14·9	2·1	0·0	14·0	0·9	58·5	167·3	72	145·3	63
141/ 66	15·2	27·1	44·0	11·3	14·2	0·2	7·6	0·0	0·0	6·2	3·5	18·0	147·3	68	184·1	86
141/264	31·4	22·3	29·3	11·6	13·2	0·0	6·6	1·3	0·0	11·9	5·2	27·8	160·6		242·1	
141/307	13·7	22·2	19·3	9·5	18·3	0·0	7·6	0·3	0·0	6·0	7·5	26·2	130·6	61	140·5	66
141/329	26·2	18·7	22·4	13·8	15·4	0·0	9·7	0·2	0·0	12·9	17·4	46·1	182·8	85	256·5	119
141/664	15·0	28·3	53·4	16·1	32·9	0·0	5·3	1·3	0·0	3·0	18·0	11·6	184·9	74	234·0	94
142/153	26·3	23·3	29·0	29·3	40·8	0·0	5·0	0·0	0·0	6·0	13·0	14·8	187·5	80	267·0	114
142/158	28·1	52·6	63·0	13·0	35·5	0·0	3·5	0·0	0·0	0·0	31·0	9·5	236·2	104	299·9	132
142/248	23·0	42·8	43·0	9·0	32·0	0·0	0·0	0·0	0·0	6·5	21·4	1·0	178·7		249·8	
142/262	24·9	44·6	48·2	23·3	29·3	0·0	12·1	1·8	0·3	6·4	25·4	29·8	246·1	89	273·1	99
142/379	19·0	44·5	57·8	24·0	31·0	0·0	4·8	0·0	0·0	4·0	12·0	23·5	220·6	90	298·5	122
142/497	21·0	36·5	42·5	27·5	39·0	0·0	10·3	0·0	0·0	5·5	10·5	8·5	201·3	81	239·5	96
142/805	30·8	24·0	35·2	32·5	25·7	0·0	16·7	0·0	0·0	6·5	19·0	31·7	222·1	74	346·0	116
142/853	18·2	43·3	26·7	26·5	33·3	0·0	1·6	0·0	0·0	5·3	9·5	9·6	174·0	56	246·9	80
143/258	33·4	63·2	39·8	38·1	28·5	0·0	3·3	3·5	0·0	9·3	10·5	19·0	248·6	86	347·9	120
143/345	23·9	32·3	38·8	23·4	35·5	0·0	3·5	0·7	0·0	3·7	14·3	25·2	201·3	67	328·4	110
143/579	27·1	30·3	28·2	16·1	19·1	1·3	5·6	0·0	0·0	2·1	8·5	47·2	185·5	61	252·8	84
143/598	28·5	72·5	26·0	56·0	22·3	0·0	0·0	8·0	0·0	4·5	2·5	42·0	262·3	95	345·7	126
143/784	55·7	61·0	34·8	22·9	32·0	0·0	4·8	0·0	1·8	7·5	13·0	15·1	248·6	79	359·9	114
144/ 85	31·5	62·5	29·5	32·7	16·5	0·0	9·0	0·0	0·0	4·5	10·0	33·0	229·2	75	315·2	103
144/250	54·0	60·9	25·5	36·0	44·5	6·5	10·7	4·0	3·0	8·7	5·5	23·6	282·9	85	412·5	124
144/449	44·5	152·0	29·0	43·5	22·0	0·0	7·5	0·3	0·0	6·2	9·0	23·8	337·8	119	(367·0)	130
144/602	63·5	145·0	9·5	38·6	43·8	0·0	7·5	0·0	0·0	5·0	0·0	25·5	338·4		471·9	
144/697	60·5	71·7	30·9	39·3	42·1	4·0	12·1	0·0	0·0	12·4	8·1	30·0	311·1	91	458·7	134
144/876	53·4	37·1	38·2	24·1	51·0	0·0	2·0	0·0	0·0	13·6	8·7	31·6	259·7		452·8	
144/900	44·0	68·0	46·5	39·1	36·0	0·0	15·0	1·5	0·0	25·0	3·5	12·0	290·6	91	442·6	138
145/ 59	33·5	85·8	34·5	37·1	31·9	0·0	20·3	1·5	0·1	31·0	3·2	16·8	295·7		422·6	
145/261	82·2	108·2	41·0	38·0	43·5	0·0	16·5	0·0	7·0	13·2	0·0	16·3	365·9	110	535·8	161
145/310	75·1	41·2	38·7	49·6	56·0	1·0	11·5	0·0	4·5	17·0	6·0	29·6	330·2	91	496·6	137
145/399	47·7	45·0	43·4	45·5	63·0	0·0	13·0	0·0	3·7	19·0	5·0	40·5	325·8	96	459·3	135
145/810	31·2	51·9	31·5	33·3	45·9	0·5	17·7	2·8	3·8	17·0	11·6	10·5	257·7	75	383·7	112
146/ 2	43·5	20·0	23·5	36·5	46·0	0·0	0·0	0·0	0·0	0·0	24·2	30·5	224·2		369·1	
146/ 17	52·5	42·8	42·4	37·8	70·0	0·0	17·8	0·0	12·2	23·8	2·3	27·1	328·7	85	454·4	118
146/ 52	48·0	35·0	34·5	31·5	50·5	0·0	17·3	6·8	4·0	15·7	9·5	21·5	274·3		473·8	
146/ 71	74·6	42·7	56·3	47·3	108·6	0·0	14·6	15·5	11·0	14·4	4·5	32·0	421·5	93	561·0	123
146/274	81·7	41·7	30·7	41·8	64·1	0·0	6·0	0·0	0·0	8·7	49·9	59·0	383·6	92	493·4	120
146/453	35·5	47·7	50·0	53·0	76·3	4·0	9·5	0·0	0·0	11·5	35·5	50·5	373·5	88	504·5	119
146/588	64·5	71·0	35·0	46·0	67·5	0·0	16·5	0·0	4·5	7·0	32·5	34·5	379·0	98	528·5	137
146/751	29·4	39·4	51·2	53·8	79·9	3·5	8·5	0·0	0·0	27·5	21·5	51·0	363·7	91	419·7	105
146/765	51·9	42·3	53·6	58·6	67·2	3·0	19·5	4·8	3·1	9·5	27·3	31·0	371·8	82	502·2	111
147/ 10	76·7	49·0	35·3	48·2	71·5	3·5	14·4	3·5	0·0	10·0	39·5	39·0	391·6	91	493·2	116
147/ 95	27·0	70·5	53·0	54·5	65·0	4·5	9·0	2·0	0·0	12·0	27·5	47·0	372·0	98	466·[illegible]	123
147/170	57·3	59·9	48·2	80·0	63·0	4·0	20·7	5·9	4·0	8·1	40·7	66·3	458·1	98	557·8	119
147/222	88·3	75·3	59·0	40·0	61·5	8·5	16·5	1·0	1·3	10·0	31·4	41·0	433·8	98	546·7	124
147/225	49·7	88·0	34·0	29·5	64·0	3·0	--	0·4	0·3	10·5	46·0	25·0	(350·4)	-	516·6	152
147/253	62·2	70·2	48·3	58·8	48·2	2·0	11·2	1·6	0·0	13·3	40·6	44·5	380·9	87	486·5	111
147/338	34·9	68·2	40·5	58·6	64·3	3·2	8·7	0·0	0·0	5·5	33·7	50·4	368·0	96	42[illegible]·5	111
147/355	50·0	108·3	57·0	69·0	54·5	4·0	21·5	3·5	5·5	10·5	49·5	68·5	501·8	116	600·[illegible]	138
147/398	42·0	74·5	31·8	49·5	59·0	3·5	11·6	0·0	0·0	13·0	41·3	65·2	391·4	109	389·5	108
147/409	83·0	84·9	41·3	55·9	59·0	4·0	9·5	4·5	2·9	13·2	23·0	101·6	482·8	107	600·0	133

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	φ S	λ E	H M	KWARTAAL / QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
147/524	STOCKDALE	31°14′	26°18′	1539	191·6		171·5		16·9		56·8	
147/654	MOLTENO	3124	2622	1580	189·5	103	169·0	100	26·0	65	54·0	42
147/700	WELGEVONDEN	3110	2624	1527	193·8		192·7		25·0		47·6	
147/704	BOOMPLAAS	3114	2624	1676	230·0		187·9		18·5		46·1	
147/777	CYFERGAT - SAR	3127	2626	1670	178·0		134·5		8·0		61·5	
148/ 83	MARSHMOOR	3123	2633	1768	256·5		236·5		48·8		83·9	
148/107	BROUGHTON	3117	2634	1798	295·8	141	254·4	132	50·9	102	78·5	56
148/121	KLIPFONTEIN	3101	2635	1646	190·3		260·4		32·5		100·9	
148/127	KALKFONTEIN	3107	2635	1676	246·6		271·3		43·0		103·8	
148/178	GEDULDFONTEIN	3128	2636	1829	198·0		233·0		54·0		103·5	
148/352	BUFFELSFONTEIN	3122	2642	1783	261·3		246·0		41·5		84·2	
148/401	SPITSKOP	3111	2644	1905	210·6		258·9		31·7		99·0	
148/517	JAMESTOWN - POL	3107	2648	1617	233·0	123	221·0	133	33·1	72	100·3	83
148/525	DEN HAAG	3115	2648	1676	198·4		203·4		30·5		65·5	
148/530	HORATIO	3120	2648	1768	225·0		165·5		47·0		39·0	
148/810	WILLOW PARK	3130	2657	1485	316·7		285·1		62·6		119·9	
149/ 25	KLEIN - NAAUWPOORT	3125	2701	1494	294·5		206·0		41·5		88·5	
149/ 52	DORDRECHT - SAR	3122	2702	1637	282·0		198·6		32·0		127·1	
149/ 82	DORDRECHT - TNK	3122	2703	1637	315·7	133	260·5	154	42·5	91	130·6	89
149/165	KRANSFONTEIN	3115	2706	1675	309·6		279·1		48·0		120·9	
149/186	WAAIHOEK	3106	2707	1600	420·0		293·5		53·0		162·5	
149/204	CLARK S SIDING	3124	2707	1663	363·5		256·0		33·5		167·5	
149/490	ROSSOUW - POL	3110	2717	1631	335·3		232·5		58·5		106·0	
149/598	INDWE - MUN	3128	2720	1291	269·1	106	307·4	189	47·9	114	145·5	103
149/863	GLEN LYON	3123	2729	1417	411·4		397·7		79·8		170·8	
150/ 85	IDA	3125	2733	1347	316·4	101	343·3	202	60·7	124	164·3	94
150/595	GLEN HOPE	3125	2750	1509	503·7		448·6		99·0		156·9	
150/620	ELLIOT - SAR	3120	2751	1451	452·4	137	353·7	184	94·5	183	167·7	86
150/635	LISBURN	3105	2752	2027	357·7		309·0		53·0		146·5	
151/ 19	XUKA DRIFT	3119	2801	1364	317·2		241·2		74·9		185·6	
151/604	MACLEAR - MAG	3104	2821	1252	304·6	86	250·8	134	47·7	102	139·3	78
151/623	HOPEFIELD	3123	2821	1356	264·8		297·5		91·5		170·1	
151/839	LANGENI - BOS	3129	2828	914	449·5		305·1		156·5		278·0	
152/ 54	MHLAHLANE - BOS	3124	2832	1448	475·3		435·5		108·0		521·4	
152/172	CEKA - BOS	3122	2836	1219	509·0		367·2		148·0		369·7	
152/190	NTYWENKA - BOS	3110	2837	1433	362·6		334·3		99·7		212·2	
152/208	KAMBI - BOS	3128	2837	930	330·3		327·2		101·0		273·1	
152/259	BELE - BOS	3119	2839	1143	299·1		298·5		100·0		189·5	
152/446	NQADU - BOS	3126	2845	914	275·5		361·0		(101·5)		236·0	
152/468	TSOLO - POL	3118	2846	1021	222·5		166·3		83·2		109·1	
152/475	NQADU HEIGHTS - BOS	3125	2846	1189	306·7	55	430·6	152	90·0	98	269·5	74
152/482	CENGCANE - BOS	3102	2847	1280	371·9	82	293·0	141	96·4	158	181·0	67
152/640	QUMBU - MAG	3110	2852	884	252·7		309·0		78·1		128·2	
152/792	BENCUTI - BOS	3112	2857	1143	279·5		287·3		108·0		190·8	
153/454	RWANTSANA	3104	2916	762	244·9		316·5		59·6		109·5	
153/518	MTUKUKAZI	3108	2918	533	352·5		377·0		97·2		175·8	
153/696	LUDIWANA	3106	2924	610	254·0		349·3		116·9		141·0	
153/820	BUKAZI	3110	2928	945	306·3		364·2		129·3		181·9	
153/875	FLAGSTAFF - TNK	3105	2930	936	308·8	92	437·4	229	136·5	161	196·1	78
154/142	LUSIKISIKI - TNK	3122	2935	594	265·0	73	383·0	166	126·0	114	313·3	104
154/151	MALONGWANE	3101	2936	930	404·2		498·2		81·9		289·9	
154/279	HOLY CROSS MISSION	3109	2940	759	303·0		429·0		104·9		180·0	
154/354	NTSUBANE - BOS	3124	2942	518	370·8		553·5		215·0		313·2	
154/796	MKAMBATI	3116	2957	195	280·1	72	305·5	103	136·3	88	307·3	93
157/285	KLIPDAM	3045	1740	120	(4·5)		49·0		34·0		23·7	
157/647	TWEERIVIER	3047	1752	180	1·6		26·9		18·0		6·6	
157/874A	GARIES	3034	1800	227	3·5	37	67·7	206	41·9	70	10·5	37
158/ 87	RIETPOORT	3057	1803	287	·-		36·0		35·9		13·3	
160/807	LOERIESFONTEIN - POL	3057	1927	914	8·5		129·5		46·5		10·3	
163/141	GROOTVOLSTRUISFONTEIN	3051	2035	1052	27·5		45·7		14·0		0·0	
163/882	BRULPADDALEEGTE	3042	2100	1036	34·4		49·5		6·0		20·0	
164/141	WITKALK	3051	2105	1097	21·0		44·4		0·0		24·0	
164/629	KLIPKLOOF	3059	2121	1311	44·2		50·0		2·0		18·0	
165/354	T'KOKOBOOS	3054	2142	1356	93·5		43·5		0·0		0·0	
165/580	JAGERSBERG	3040	2150	1189	32·5		35·4		0·0		46·9	
165/898	KLEREFONTEIN	3058	2200	1280	67·0		31·3		3·0		22·5	
166/ 41	GARSTKOLK	3041	2202	1059	44·7		31·5		0·0		14·5	
166/238A	CARNARVON - POL	3058	2208	1253	55·7	96	46·3	60	11·2	60	11·9	31
166/420	BLAAUWKRANTZ	3100	2214	1350	47·2		63·0		7·5		12·2	
166/755	DORLOSSHOEK	3035	2226	1204	100·3		74·9		3·1		8·5	
167/264	SWAELFONTEIN	3054	2239	1271	42·0		58·0		5·0		16·5	
167/665	VOSBURG	3035	2253	1137	140·0	241	69·7	86	8·5	53	11·5	37
168/ 50	SWEETFONTEIN	3050	2302	1173	60·4		53·5		7·5		2·5	
168/ 66	SANDPAN	3036	2303	1128	115·1		71·5		9·8		19·0	
168/250	SOUTWATER	3040	2309	1128	79·0		52·1		4·0		11·0	
168/800	NUWEJAARSFONTEIN	3050	2327	1173	76·2		99·4		5·3		26·6	
169/ 90	THOMASGAT	3100	2333	1295	100·0		120·0		2·5		7·5	
169/174	WEST FRONT	3054	2336	1356	120·6		128·1		7·3		22·0	
169/509	DEELFONTEIN	3059	2347	1359	81·4	90	133·4	124	10·0	41	19·3	32
170/ 9A	DE AAR - TNK	3039	2401	1243	174·3		137·0		12·5		11·7	
170/ 9B	DE AAR - AGR	3039	2401	1241	166·3		118·5		14·5		9·7	
170/ 22	NUWEJAARSFONTEIN	3052	2401	1340	139·3		92·8		11·3		·2	
170/ 99	EBENEZER	3039	2404	1227	187·5		86·5		12·0		·5	
170/137	HARTEBEESTHOEK	3047	2405	1311	156·5		103·5		14·8		12·5	
170/315	RIETFONTEIN	3045	2411	1311	128·5	148	108·5	102	20·0	106	13·0	21

R Ë E N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
147/524	54.9	71.8	55.5	48.3	67.7	6.0	9.5	1.4	3.5	21.4	31.9	84.5	456.4	113	499.6	124
147/654	42.5	70.0	46.0	63.0	60.0	6.5	14.5	5.0	8.5	13.5	32.0	49.5	411.0	79	514.0	98
147/700	57.3	108.0	54.7	76.0	62.0	4.5	17.0	3.5	2.0	5.0	40.6	68.0	498.6	124	512.0	127
147/704	45.5	117.1	57.2	72.3	58.4	4.5	10.5	3.5	5.5	10.6	30.0	84.9	500.0		541.6	
147/777	27.5	60.5	35.0	45.5	54.0	5.0	0.0	3.0	16.0	16.5	29.0	58.0	350.0	71	474.2	96
148/ 83	52.1	61.5	74.4	73.4	88.7	8.0	22.0	18.8	17.0	17.2	49.7	81.0	563.8	109	655.0	127
148/107	71.8	128.8	57.8	107.4	89.2	8.5	33.5	8.9	12.0	17.0	49.5	68.0	652.4	110	698.1	118
148/121	28.0	104.9	67.9	130.0	62.5	0.0	32.5	0.0	4.0	28.5	68.4	116.5	643.2	117	602.7	110
148/127	41.0	129.3	46.2	152.6	72.5	4.5	38.5	0.0	4.5	15.0	84.3	124.4	712.8	125	648.9	114
148/178	20.5	58.0	58.5	75.5	99.0	6.0	30.0	18.0	13.0	24.0	66.5	86.5	555.5		548.0	
148/352	72.6	100.0	51.0	85.5	109.5	3.5	30.4	7.6	11.2	17.5	55.5	61.5	605.8	115	658.5	125
148/401	35.8	91.0	64.9	105.5	88.5	10.5	21.2	0.0	0.0	20.0	79.0	115.5	631.9	106	607.5	102
148/517	33.5	126.0	44.0	109.0	68.0	3.5	27.0	2.6	15.0	30.3	55.0	110.8	624.7	120	543.4	104
148/525	29.4	88.1	50.2	90.7	62.5	2.5	26.0	2.0	6.5	23.8	35.2	76.0	492.9	102	513.5	106
148/530	62.5	43.0	24.0	80.0	61.5	33.5	13.5	0.0	0.0	7.5	31.5	48.5	405.5	81	528.6	105
148/810	50.6	87.9	65.3	79.1	140.7	2.0	33.6	27.0	25.8	31.9	62.2	113.1	719.2		785.8	
149/ 25	33.5	99.5	35.5	93.5	77.0	0.0	27.5	14.0	14.0	14.0	60.5	43.5	512.5	103	625.0	126
149/ 52	25.4	146.6	50.3	113.9	34.4	2.0	27.4	2.6	12.0	24.8	90.3	104.5	634.2	118	597.5	111
149/ 82	27.0	151.6	60.0	124.0	76.5	0.0	33.5	9.0	7.0	35.8	89.8	103.4	715.6	119	692.1	115
149/168	30.0	117.6	49.6	116.5	113.0	0.0	36.0	12.0	10.0	27.9	83.0	85.0	680.6		698.6	
149/186	66.0	170.0	54.5	145.0	94.0	2.5	47.5	3.0	5.0	18.5	139.0	173.5	918.5		922.0	
149/204	37.5	162.5	66.5	115.0	74.5	6.0	23.0	4.5	9.0	30.0	128.5	89.0	746.0	116	755.7	118
149/490	69.0	108.0	47.5	116.5	68.5	0.0	49.5	9.0	8.5	28.5	69.0	127.8	701.8		705.3	
149/598	31.6	127.1	55.1	126.8	125.5	1.0	31.0	15.9	15.5	24.0	106.0	113.1	772.6	129	710.1	119
149/863	65.0	114.5	68.4	176.3	153.0	0.0	57.1	22.7	11.5	45.1	114.2	91.5	919.3		984.0	
150/ 85	50.5	104.4	57.1	138.4	147.8	0.0	41.2	19.5	16.8	30.9	116.6	122.6	845.8	121	836.5	119
150/595	112.9	135.3	87.9	143.2	217.5	0.0	53.0	46.0	23.5	27.0	106.4	147.0	1099.7	145	1194.9	158
150/620	103.7	89.0	73.0	139.2	141.5	0.0	24.5	70.0	19.2	53.0	95.5	131.5	940.1	123	1027.0	134
150/635	81.0	111.0	64.0	135.2	109.8	0.0	53.0	0.0	12.5	36.0	98.0	94.5	795.0	137	784.7	135
151/ 19	62.8	76.9	56.6	88.1	96.5	0.0	36.9	38.0	14.6	25.7	145.3	65.5	706.9		786.0	
151/604	76.4	122.9	105.9	87.3	57.6	0.0	23.1	24.6	8.5	26.5	104.3	111.7	748.8	98	765.3	99
151/623	62.3	85.5	89.0	94.0	114.5	0.0	82.5	9.0	34.5	24.1	111.5	93.5	800.4	120	709.1	106
151/839	113.0	130.5	94.6	115.5	95.0	0.0	124.0	32.5	15.5	64.4	198.1	142.8	1125.9		1162.5	
152/ 54	155.3	116.8	156.1	127.9	151.3	0.0	68.9	39.1	33.9	82.6	204.9	158.1	1291.9		1314.0	
152/172	138.5	144.5	119.7	138.5	109.0	0.0	104.5	43.5	70.0	47.7	252.0	151.9	1319.8		1290.2	
152/190	80.3	100.9	79.1	135.3	119.9	0.0	56.0	43.7	22.9	57.6	131.7	175.8	1003.2	88	1061.5	94
152/208	98.2	67.1	105.9	107.8	113.5	0.0	75.0	26.0	20.0	102.1	151.0	103.5	970.1	91	936.6	88
152/259	79.6	98.5	82.0	106.5	110.0	0.0	45.0	55.0	32.0	42.0	115.5	106.5	872.6	91	791.6	82
152/446	113.0	54.5	136.5	107.0	117.5	0.0	86.5	(15.0)	47.0	59.5	129.5	88.5	(954.5)	96	907.0	91
152/468	30.5	100.0	18.0	93.7	54.6	0.0	58.2	25.0	26.0	16.5	66.8	64.8	553.9	91	517.8	85
152/475	127.0	47.9	147.9	138.7	144.0	0.0	65.5	24.5	55.0	67.5	147.0	80.8	1045.8	81	1056.8	82
152/482	103.3	100.0	67.5	89.5	136.0	0.0	50.0	46.4	21.5	65.0	94.5	155.5	909.2	91	968.7	96
152/640	37.7	72.8	92.4	75.9	140.7	0.0	48.7	29.4	18.8	45.2	64.2	114.9	740.7	93	737.8	92
152/792	81.1	70.5	65.7	98.1	123.5	0.0	62.5	45.5	35.5	52.6	102.7	128.4	866.1	104	787.3	95
153/454	94.5	64.0	85.5	47.0	184.0	0.0	38.6	21.0	20.5	37.5	51.5	81.5	725.6		709.8	
153/518	103.5	98.1	110.5	61.1	205.4	0.0	49.7	47.5	32.5	52.3	91.0	101.6	953.2		960.9	
153/696	59.8	89.7	92.2	58.7	198.4	0.4	67.3	49.2	24.5	44.4	72.1	69.4	826.1		752.3	
153/820	83.1	104.8	92.8	62.6	208.8	0.3	76.5	52.5	27.3	79.7	74.9	96.3	959.6		902.6	
153/875	67.7	113.4	113.0	82.5	241.9	0.0	76.5	60.0	33.5	70.9	91.7	109.9	1061.0	123	1060.5	123
154/142	79.0	82.0	89.0	54.5	239.5	1.0	93.0	32.0	130.5	64.3	118.5	133.0	1116.3	101	973.5	97
154/151	98.9	132.9	125.1	89.6	283.5	0.0	37.3	44.6	28.0	82.1	179.8	130.8	1232.6		1259.0	
154/279	51.5	123.5	78.0	73.5	277.5	0.0	40.4	64.5	42.0	64.0	74.0	91.0	979.9		815.5	
154/354	94.5	146.5	89.5	81.0	383.0	7.8	77.0	130.2	87.4	86.5	139.3	138.6	1461.3	99	1455.1	99
154/796	63.2	138.0	90.5	61.5	153.5	0.0	65.3	71.0	70.0	118.8	118.5	112.0	1062.3	91	917.5	78
157/285	0.0	4.5	0.0	11.5	37.5	5.0	4.0	25.0	11.7	12.0	0.0	2.0	113.2		78.2	
157/647	0.0	0.0	0.0	6.6	20.3	3.5	0.0	14.5	3.4	3.2	0.0	0.0	51.5		44.7	
157/874A	0.0	0.5	0.0	15.7	52.0	8.0	2.4	31.5	7.5	3.0	0.0	3.0	123.6	95	100.0	77
158/ 87	--	--	0.0	2.0	34.0	6.3	13.6	16.0	0.5	12.5	0.3	0.7	(85.9)		-	
160/807	0.0	0.0	3.5	38.6	87.4	6.0	7.5	33.0	6.5	3.8	0.0	9.0	195.3	92	185.5	88
163/141	0.0	0.0	0.0	6.2	39.5	14.0	0.0	0.0	0.0	0.0	0.0	0.0	59.7		87.2	
163/882	0.0	29.0	7.5	11.0	31.0	0.9	2.0	3.1	0.0	8.0	12.0	0.0	104.5	70	84.8	57
164/141	0.0	18.0	0.0	14.4	30.0	0.0	0.0	0.0	0.0	16.0	8.0	0.0	86.4		65.4	
164/629	6.5	21.0	20.0	9.0	21.0	0.0	0.0	2.0	0.0	18.0	0.0	3.0	100.5	59	105.0	62
165/354	16.5	33.5	17.0	0.0	26.5	0.0	0.0	0.0	0.0	0.0	0.0	19.0	112.5		150.5	
165/580	8.5	12.0	9.2	0.0	26.2	0.0	0.0	0.0	0.0	6.5	40.4	14.0	116.8	69	71.4	42
165/898	6.5	23.3	0.0	7.5	23.8	0.0	3.0	0.0	0.0	9.0	13.5	22.0	108.6	55	109.0	55
166/ 41	7.5	18.0	8.5	4.5	18.5	0.0	0.0	0.0	0.0	7.0	7.5	8.5	80.0	50	89.7	57
166/238A	15.8	18.3	4.1	16.3	25.9	0.3	9.1	1.8	0.0	9.9	2.0	24.1	127.6	67	129.3	68
166/420	9.2	13.5	20.5	15.0	27.5	0.0	4.0	3.5	0.0	11.2	1.0	26.3	131.7	60	122.6	56
166/755	15.9	20.4	29.8	12.3	32.8	0.9	0.6	1.6	0.0	2.5	6.0	0.0	122.8	68	204.6	113
167/264	11.0	17.0	24.0	9.0	25.0	0.0	5.0	0.0	0.0	9.5	7.0	13.5	121.0	60	115.9	58
167/665	11.0	46.5	52.7	0.0	17.0	0.0	8.5	0.0	0.0	4.5	7.0	1.3	148.5	79	226.2	120
168/ 50	11.5	0.0	19.0	19.5	15.0	0.0	7.5	0.0	0.0	0.0	2.5	14.5	89.5	48	138.8	75
168/ 66	20.4	22.0	28.0	18.7	24.8	3.5	6.3	0.0	0.0	4.8	14.2	8.1	150.8	68	234.2	102
168/250	7.5	19.0	31.5	4.1	16.5	0.0	4.0	0.0	0.0	3.0	8.0	6.5	100.1	45	162.6	73
168/800	16.2	17.7	44.8	9.0	45.6	0.0	5.3	0.0	0.0	5.0	21.6	29.5	194.7	92	209.5	99
169/ 90	25.5	30.0	43.0	21.5	55.5	0.0	2.5	0.0	0.0	7.5	0.0	31.0	216.5	82	282.0	106
169/174	26.4	26.4	50.6	22.0	55.5	0.0	7.3	0.0	0.8	5.9	15.3	34.2	244.4	94	304.8	117
169/509	21.1	11.0	52.4	20.1	60.9	0.5	8.6	0.9	1.1	6.9	11.3	21.6	216.4	77	258.2	92
170/ 9A	27.3	67.5	21.0	61.0	55.0	1.5	11.0	0.0	0.0	6.2	5.5	40.0	296.0	102	367.1	126
170/ 98	41.0	58.5	15.5	54.5	48.5	1.5	11.7	1.3	0.0	3.2	6.5	21.6	263.8		321.3	
170/ 22	17.1	38.5	20.0	18.8	54.0	0.2	10.6	0.5	0.5	3.5	4.2	14.1	182.0		-	
170/ 99	46.0	73.5	13.0	54.5	19.0	0.0	12.0	0.0	0.0	0.0	4.5	0.0	222.5	79	323.0	114
170/157	33.1	56.0	16.5	37.9	49.1	0.0	14.8	0.0	0.0	0.0	12.5	19.8	239.7	96	329.5	132
170/315	44.5	59.0	0.0	63.5	45.0	0.0	18.0	2.0	0.5	4.5	8.0	19.5	264.5	96	305.0	111

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
170/427	SLINGERSHOEK	30°37′	24°15′	1341	158·6		120·1		9·0		7·5	
170/639	ROOIWAL	3039	2422	1417	161·6		123·2		12·3		15·5	
171/117	WOLMADA	3057	2434	1341	149·3	147	54·7	45	0·0	0	11·5	18
171/546	BELL ROCK	3036	2449	1372	159·7		166·6		15·0		14·9	
171/652	MOOIFONTEIN	3052	2452	1372	180·2		98·5		13·5		27·0	
171/756	ESPERANZA	3036	2456	1311	140·0	117	113·2	97	14·1	62	30·9	45
172/ 27	ARUNDEL	3057	2501	1448	159·5		103·5		0·0		13·0	
172/163	COLESBERG - TNK	3043	2506	1387	160·2	112	123·5	88	13·2	46	31·1	35
172/324	POPLAR GROVE	3054	2511	1402	263·3		107·6		9·6		32·5	
172/880	AGTERTANG	3040	2520	1341	209·1		145·8		9·0		18·0	
172/724	TWEEFONTEIN	3034	2525	1250	211·0		135·0		14·0		15·0	
172/814	SUMMER HILL	3034	2528	1249	237·5		98·4		16·3		20·2	
172/818	NORVALSPONT	3038	2528	1219	248·0		138·9		12·0		31·0	
173/134	MONTAGU FARM	3044	2535	1280	231·0		142·8		10·0		58·6	
173/209	ELANDSFONTEIN	3059	2537	1326	168·0		107·6		4·8		26·8	
173/266	DOORNKLOOF	3056	2539	1402	187·2		142·9		5·0		45·7	
173/475	ELANDSFONTEIN	3055	2546	1372	131·1		143·9		12·5		37·0	
173/497	VENTERSTAD - MAG	3047	2547	1340	148·1		120·1		11·0		88·6	
173/722	LUCKNOW	3032	2555	1265	170·0		109·6		13·0		55·2	
173/760	VAALBANK	3040	2556	1341	255·2		129·0		17·3		104·5	
174/ 56	PLEISTERKRAAL	3056	2602	1402	201·6		149·0		6·8		56·1	
174/ 70	STILLEWONING	3040	2603	1372	204·5		113·5		22·5		100·0	
174/ 93	CLIFTON VALE	3033	2604	1372	231·6		111·4		17·2		47·7	
174/107	DAMPLAAS	3047	2604	1417	212·0		168·5		14·0		121·5	
174/312	HUGHENDEN	3042	2611	1463	213·2		146·7		14·5		85·2	
174/550	ELLESMERE	3040	2619	1387	267·7		155·0		14·8		82·6	
174/590	STONEYCROFT	3050	2620	1387	124·0		122·9		14·0		82·5	
174/600	BURGERSDORP - POL	3100	2620	1387	151·5		130·8		17·0		68·5	
174/753	GOEDEMOED - POL	3033	2626	1311	284·5	160	168·1	107	19·0	62	70·5	62
174/877	SANDDRIFT	3037	2630	1295	252·5		148·3		27·9		75·7	
175/ 22	WELGEDACHT	3052	2631	1433	188·9		186·5		25·5		135·0	
175/371	ALIWAL NORTH - TNK	3041	2643	1356	220·3	110	149·0	91	36·5	112	82·2	69
175/371A	ALIWAL NORTH	3041	2643	1316	251·0		154·7		39·9		140·6	
175/585	HOUTKRAAL	3045	2650	1370	265·8		174·4		37·8		137·7	
176/ 15	PAARDEFONTEIN	3045	2701	1524	329·0		182·5		46·9		175·0	
176/ 38	MORGENSON	3038	2702	1417	235·0		199·0		53·0		106·5	
176/ 52	MAJUBA	3052	2702	1340	246·8		201·2		39·7		165·3	
176/372	LADY GREY - POL	3042	2713	1646	336·7	118	226·7	96	61·0	127	151·5	83
176/390	CLANVILLE	3100	2713	1295	280·0		215·0		43·0		123·0	
176/523	HELVELLYN	3043	2718	1981	209·5		369·7		113·6		177·9	
176/575	BENSONVALE	3035	2720	1356	277·0		168·3		47·5		94·0	
176/631	STERKSPRUIT - TNK	3031	2722	1454	352·6		208·9		70·0		114·0	
176/631A	STERKSPRUIT	3031	2722	1454	364·2	132	196·7	103	65·9	173	110·0	75
176/735	OSSA	3045	2725	1981	317·0		350·0		126·5		192·9	
176/740	ORPENDALE	3050	2725	1951	216·1		317·8		85·4		176·1	
176/891	NEW ENGLAND - SAR	3051	2730	1804	220·5		(220·0)		42·2		167·3	
177/ 45	AVOCA	3045	2732	1905	393·5	111	377·0	146	83·5	104	264·0	126
177/178	BARKLY - EAST - TNK	3058	2736	1814	361·3	140	218·5	131	79·4	193	142·8	99
177/184	BLIKANA	3034	2737	1676	336·5	115	(238·5)	-	--	-	(167·5)	-
177/432	REEDSDELL	3042	2745	1825	383·3		345·2		83·3		231·9	
177/441	KELVIN GROVE	3051	2745	1753	351·5		208·0		69·6		171·1	
177/552	FUNNYSTONE	3042	2749	2286	384·7		293·0		70·5		261·0	
177/885	WALPAS	3045	2800	1951	332·3		235·8		51·6		190·7	
178/320	CRANSMOOR	3050	2811	2435	529·6		297·5		51·4		(103·7)	
178/585	BLOEGOMHOF	3045	2820	1676	389·8		234·5		31·0		175·8	
178/615	DELVILLE BOS	3045	2821	1402	498·0	128	289·2	159	40·1	73	194·6	108
178/807	KROMHOEK	3057	2827	1204	339·4		276·3		44·3		110·9	
178/881	MOUNT FLETCHER - TNK	3041	2830	1463	348·8	100	256·5	156	48·0	109	135·8	83
179/344	COLWANA - BOS	3044	2842	1783	491·5		408·0		83·0		222·8	
179/353	ETWA - BOS	3053	2842	1219	409·0		306·0		66·5		170·1	
179/501	CANCELE	3051	2847	1097	370·5		329·8		80·0		129·8	
179/663	STRATHROY	3033	2853	1600	488·5		333·5		44·5		138·2	
179/713	AMANZAMNYAMA - BOS	3053	2854	1280	588·1	117	376·7	157	99·7	133	238·2	76
179/750	ESSEK	3100	2855	1067	448·4		339·5		(60·5)		(33·0)	
179/790	TSHATSHENI - BOS	3040	2857	1372	435·5		290·5		47·0		216·2	
179/864	MOUNT FRERE - TNK	3054	2859	1160	309·9	74	236·9	115	77·9	113	144·8	56
180/ 30	PAPANE - BOS	3100	2901	1021	306·6		231·1		71·5		209·7	
180/ 32	MVENYANE	3032	2902	1372	367·6	101	303·1	165	95·5	171	195·4	103
180/123	MVENYANE - BOS	3033	2905	1372	415·2		330·9		114·4		222·6	
180/305	DEEMOUNT	3035	2911	1370	350·0		223·3		124·0		136·3	
180/439	INSIZWA - BOS	3049	2915	1298	(329·0)		(169·0)		144·5		166·5	
180/469	TABANKULU - BOS	3049	2916	1341	453·5		508·6		135·8		298·1	
180/537	TABANKULU - TNK	3057	2918	1128	341·1		398·0		134·0		167·3	
180/648A	MOUNT AYLIFF - TNK	3048	2922	975	271·4		349·2		124·9		149·9	
180/712	TONTI - BOS	3052	2924	1372	437·0	94	418·2	176	156·0	159	258·0	83
180/721	KOKSTAD - BOS	3031	2925	1372	265·4		346·1		72·0		163·5	
180/722A	KOKSTAD - TNK	3032	2925	1345	301·2		412·9		71·7		166·6	
181/ 32	WILLOWDALE	3032	2932	1341	280·0		425·0		37·2		212·6	
181/ 73	FORT DONALD - BOS	3043	2933	1433	408·7		392·0		111·0		237·2	
181/166	NDINDINDI - BOS	3046	2936	1219	507·9		457·3		97·7		280·7	
181/275	ELANDSDRIFT - BOS	3035	2940	991	354·5		420·0		36·0		19[illegible]·0	
181/277	IMPETYNE - BOS	3037	2940	1524	533·5	85	512·0	157	60·5	74	340·[illegible]	75
181/366	WEZA - BOS	3036	2943	1067	417·8		516·7		41·3		277·0	
181/423	BORDER - BOS	3033	2945	1067	359·0		477·8		25·0		255·3	
181/561	BIZANA - BOS	3051	2949	792	261·7	81	519·5	295	58·9	78	184·4	78

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
170/427	40.7	46.0	19.2	58.9	42.0	0.0	9.0	0.0	0.0	7.5	0.0	20.0	243.3	97	362.4	144
170/639	27.0	55.6	15.0	59.5	48.7	0.0	12.3	0.0	0.0	8.0	7.5	21.5	255.1	88	396.8	137
171/117	68.9	50.4	9.7	17.0	28.0	0.0	0.0	0.0	0.0	4.0	7.5	8.5	194.0	63	253.7	83
171/546	20.5	66.2	14.0	80.1	72.5	3.5	11.5	0.0	0.9	0.0	14.0	16.0	299.2	86	428.4	123
171/652	66.2	43.5	18.5	31.5	48.5	4.0	9.5	0.0	0.0	15.0	12.0	42.0	290.7		366.6	
171/756	29.5	42.4	10.3	48.5	54.4	3.4	10.7	0.0	0.6	0.5	29.8	25.0	255.1	78	346.9	106
172/ 27	38.5	49.5	24.0	24.5	55.0	0.0	0.0	0.0	0.0	13.0	0.0	63.5	268.0		356.5	
172/163	25.1	56.6	10.0	63.7	49.8	4.0	9.2	0.0	0.0	2.2	28.9	40.5	290.0	72	368.5	92
172/324	25.6	132.4	10.2	48.2	49.2	4.0	5.6	0.0	0.0	15.0	17.5	29.5	337.2	92	512.3	139
172/580	23.7	64.3	13.5	72.5	59.8	0.0	9.0	0.0	0.0	0.0	18.0	37.6	298.4	85	432.8	124
172/724	43.0	61.5	35.0	40.5	59.5	0.0	14.0	0.0	0.0	0.0	15.0	43.0	311.5	82	430.5	113
172/814	42.1	45.0	18.2	37.8	42.4	1.0	14.3	1.0	0.0	6.2	14.0	29.2	251.2	75	(418.4)	125
172/818	44.0	51.0	28.5	38.7	71.7	0.0	12.0	0.0	0.0	4.5	26.5	41.5	318.4	89	502.4	141
173/134	40.0	74.0	23.0	34.8	85.0	0.0	10.0	0.0	0.0	12.4	46.2	45.2	370.6	108	469.5	136
173/209	60.5	53.2	39.4	40.5	27.7	0.0	4.8	0.0	0.0	4.0	22.8	121.0	373.9	113	427.1	129
173/266	36.8	76.0	37.5	40.9	64.5	0.0	3.0	0.0	0.0	8.0	37.7	95.7	400.1	103	457.3	121
173/475	37.1	62.5	16.5	52.4	75.0	9.5	3.0	0.0	0.0	12.0	25.0	51.4	344.4	92	391.5	105
173/497	42.0	35.7	20.1	44.1	55.9	0.0	11.0	0.0	0.0	35.6	53.0	25.1	322.5	73	389.5	88
173/722	56.5	64.0	17.6	59.0	33.0	0.0	13.0	0.0	0.0	3.2	52.0	54.9	353.2	93	379.0	100
173/760	69.7	104.5	27.8	62.6	38.6	5.5	11.8	0.0	0.1	40.4	64.0	34.9	459.9	131	505.0	144
174/ 56	29.1	107.1	28.0	60.0	61.0	0.0	6.8	0.0	0.0	25.0	31.1	41.0	389.1	83	438.9	94
174/ 70	49.5	75.0	29.5	49.5	34.5	0.0	22.5	0.0	0.0	35.0	65.0	65.5	426.0	112	424.0	112
174/ 93	71.6	89.0	11.1	65.0	35.3	1.6	15.6	0.0	1.5	0.0	46.2	82.5	419.4	94	455.8	102
174/107	67.5	83.0	26.5	78.5	63.5	0.0	14.0	0.0	1.5	54.5	65.5	49.5	504.0	112	500.5	111
174/312	53.7	83.5	32.5	71.2	43.0	0.0	14.5	0.0	2.5	21.5	61.2	55.6	439.2	107	488.9	119
174/550	90.2	90.3	18.5	89.6	46.9	1.5	13.3	0.0	1.8	21.9	58.9	61.5	494.4	108	519.5	113
174/590	36.5	42.0	15.5	80.0	27.4	0.0	14.0	0.0	0.0	28.0	54.5	27.0	324.9	78	359.9	86
174/600	34.0	83.5	31.5	66.3	33.0	0.0	17.0	0.0	0.0	20.0	48.5	26.0	359.8	78	398.2	86
174/753	100.0	90.5	54.1	65.0	49.0	0.0	19.0	0.0	0.0	24.3	46.2	96.2	544.3	113	563.6	117
174/877	74.5	85.5	32.0	59.8	56.5	0.0	27.9	0.0	4.2	5.5	66.0	86.0	497.9		522.8	
175/ 22	41.0	76.0	46.0	97.0	43.5	3.0	22.5	0.0	0.0	24.0	109.0	73.2	535.2	122	513.7	118
175/371	56.5	84.5	25.5	65.5	58.0	0.0	36.5	0.0	4.0	21.7	56.5	90.5	499.2	97	504.2	98
175/371A	59.7	87.6	40.2	74.8	39.7	1.6	38.1	0.2	4.5	62.6	73.5	83.4	565.9		550.0	
175/585	47.0	125.8	58.0	78.9	37.5	2.5	34.9	0.4	4.0	58.4	75.3	71.0	593.7		581.0	
176/ 15	83.5	137.0	51.7	88.9	41.9	1.4	43.5	2.0	3.5	93.7	77.8	70.0	694.9	136	642.3	125
176/ 38	69.0	76.5	72.0	92.0	35.0	0.0	51.5	1.5	2.0	45.0	59.5	68.5	572.5	108	578.0	109
176/ 52	59.1	108.7	66.1	102.2	32.9	3.0	34.2	2.5	2.5	62.3	100.5	82.9	656.9		593.3	
176/372	84.5	117.2	61.3	110.1	55.3	0.0	58.5	2.5	0.0	45.5	106.0	105.2	746.1	99	694.4	93
176/390	45.0	120.0	66.0	114.5	34.5	2.0	41.0	0.0	4.0	28.0	91.0	91.0	637.0		982.0	
176/523	74.0	135.5	98.0	183.0	88.7	3.5	109.0	1.1	2.5	39.9	135.5	171.8	1042.5		-	
176/575	84.0	88.5	76.8	70.5	21.0	0.0	47.5	0.0	0.0	39.0	55.0	111.0	593.3	83	487.3	68
176/631	89.9	132.3	73.0	101.6	34.3	0.0	70.0	0.0	0.0	42.5	71.5	152.3	767.4		704.5	
176/631A	93.9	123.2	72.8	93.7	30.2	0.1	65.8	0.0	0.0	41.5	68.5	144.5	734.2	113	699.4	108
176/735	40.1	127.8	80.7	177.4	91.9	1.0	121.5	4.0	0.0	75.0	117.9	134.5	971.8	120	853.1	97
176/740	52.8	109.7	90.8	155.3	71.7	0.0	76.3	9.1	5.1	71.5	99.5	144.2	886.0	126	711.0	101
176/891	33.5	76.5	(50.7)	119.6	49.7	1.7	40.5	0.0	0.0	53.5	113.8	98.5	(638.0)		(555.7)	
177/ 45	93.0	100.0	90.0	180.5	106.5	0.0	80.0	3.5	8.5	82.5	173.0	115.5	1033.0	114	979.0	108
177/178	54.7	124.1	65.5	101.2	51.8	1.0	69.6	8.8	4.0	44.6	94.2	99.4	718.9	119	736.2	122
177/184	104.8	97.5	127.0	111.5	--	--	--	--	--	39.5	128.0	175.0	(783.3)	-	(725.4)	-
177/432	105.3	108.0	91.0	155.7	98.5	4.8	74.5	4.0	3.5	78.0	150.4	138.5	1012.2	130	921.0	118
177/441	91.5	130.0	56.5	102.0	49.5	0.1	61.0	8.5	10.0	52.0	109.1	94.5	764.7	116	718.6	109
177/552	88.0	98.7	86.0	114.5	92.5	0.0	70.5	0.0	0.0	80.0	181.0	106.0	917.2	116	843.4	107
177/885	68.7	76.9	62.1	99.9	73.8	0.0	43.9	7.7	3.0	76.7	111.9	63.1	687.7	96	751.6	105
178/320	94.9	119.3	66.2	106.8	124.5	0.7	28.0	22.7	19.3	84.4	--	--	(666.8)		1157.6	
178/585	84.5	121.8	99.5	68.0	67.0	0.0	20.0	11.0	9.0	70.0	96.8	46.5	694.1	101	854.5	125
178/615	108.7	145.4	127.4	77.6	84.2	0.6	21.9	17.6	12.6	58.7	123.3	67.1	845.1	105	1061.7	132
178/807	67.0	139.1	48.5	90.6	137.2	0.0	28.5	15.8	24.5	32.4	54.0	91.5	729.1		805.6	
178/881	42.0	130.3	85.0	77.0	94.5	0.0	32.0	16.0	15.5	55.8	64.5	97.5	710.1	98	832.5	115
179/344	137.5	171.0	99.0	99.5	209.5	0.0	33.5	49.5	40.0	77.0	105.8	164.3	1186.6	108	1201.0	110
179/353	62.0	155.0	105.5	83.0	117.5	0.0	41.5	25.0	12.0	76.5	81.6	123.5	881.1	87	1016.0	101
179/501	62.5	132.3	87.3	64.5	178.0	0.0	24.5	55.5	17.0	59.3	53.5	125.3	859.7		958.8	
179/663	147.5	105.0	40.0	61.0	232.5	0.0	19.5	25.0	25.0	39.7	73.5	69.8	838.5		1065.0	
179/713	196.9	168.1	127.1	86.9	162.7	0.0	31.1	68.6	38.2	84.6	115.4	153.7	1213.3	107	1226.1	108
179/750	102.0	113.0	110.5	98.0	131.0	0.0	60.8	--	33.0	--	--	106.5	(754.8)		988.2	
179/790	104.5	143.0	66.5	52.0	172.0	0.0	29.0	18.0	52.0	46.2	118.0	138.9	940.1	97	947.7	98
179/864	84.9	82.0	69.9	58.0	109.0	0.0	41.0	36.9	29.0	39.5	76.3	92.6	719.1	76	754.0	79
180/ 30	72.2	119.0	56.6	65.5	109.0	0.0	53.5	18.0	87.0	46.4	76.3	105.0	808.5	116	752.8	108
180/ 32	101.9	96.3	61.4	58.7	183.0	0.5	39.0	56.0	16.0	49.5	129.9	85.0	877.2	110	878.2	111
180/123	118.5	113.7	80.9	72.5	177.5	0.4	41.0	73.0	23.5	68.0	131.1	110.5	1010.6	99	989.7	97
180/305	118.5	107.0	32.3	44.0	147.0	0.0	70.5	53.5	12.5	29.3	94.5	88.2	797.3		736.9	
180/439	147.0	--	--	--	169.0	0.0	73.0	71.5	36.5	49.5	80.5	101.5	(728.5)		(713.5)	
180/469	123.0	116.3	176.4	90.2	242.0	0.3	60.8	74.7	54.6	101.4	142.1	128.2	1310.0	108	1278.5	106
180/537	49.0	68.6	103.0	52.2	242.8	0.5	55.0	78.5	43.0	50.8	73.5	84.0	900.9	123	909.9	[illegible]
180/648A	77.8	82.3	55.0	57.0	237.2	1.8	44.8	78.3	46.1	32.5	71.3	97.7	881.8		793.[illegible]	
180/712	159.0	132.0	87.7	67.5	263.0	0.0	71.0	85.0	47.5	69.5	141.0	84.0	1207.2	109	1149.2	104
180/721	45.0	109.9	83.5	65.0	197.5	0.0	29.0	43.0	26.0	28.5	109.0	90.7	827.1	111	(706.4)	
180/722A	70.2	107.9	115.7	66.1	231.1	0.0	31.7	40.0	19.5	25.4	121.7	82.8	912.1	135	891.1	132
181/ 32	64.0	88.1	101.1	61.6	262.3	0.0	12.5	24.7	36.6	46.9	129.1	53.6	880.5	127	86[illegible]1	124
181/ 73	114.9	103.8	75.0	76.0	241.0	0.0	58.0	53.0	34.0	73.7	129.5	111.0	1069.9	116	1089	[illegible]18
181/166	222.3	141.3	82.8	83.3	291.2	0.2	38.6	58.9	36.4	82.1	162.2	146.0	1345.3		1301.1	
181/275	80.0	127.5	79.0	100.5	240.5	0.0	23.0	13.0	0.0	58.0	136.0	184.5	1042.0		1051.5	
181/277	129.5	195.0	90.5	88.0	333.5	0.0	26.5	34.0	36.0	90.5	214.0	184.0	1421.5	96	1471.3	99
181/366	116.1	128.5	98.5	76.0	342.2	1.5	9.5	30.3	40.5	66.5	170.0	112.5	1192.1		1270.3	
181/423	81.0	98.5	68.5	68.8	340.5	0.0	11.5	13.5	33.0	47.5	154.8	99.0	1016.6	107	1125.3	118
181/561	75.6	78.6	92.6	72.3	354.6	0.0	20.4	38.5	32.0	62.6	89.8	96.4	1013.4	125	1058.0	130

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
181/604	GLENORA	30°34′	29°51′	838	354·1		501·1		48·3		179·2	
181/664	HARDING - TNK	3034	2953	820	298·7	91	445·4	257	38·5	64	163·0	76
182/ 13	EUREKA	3043	3001	671	240·5		510·0		64·1		185·3	
182/379	PADDOCK	3049	3013	514	351·4		671·9		91·1		229·6	
182/430	MINNEHAHA	3040	3015	530	210·0		586·0		61·8		173·9	
182/439	BALLYCLARE	3049	3015	518	250·0		697·8		76·4		208·1	
182/535	BUSHY VALES	3055	3018	91	290·5	80	557·5	207	88·5	76	241·0	79
182/710	UVONGO	3050	3024	15	297·5		424·2		176·5		249·0	
182/730	THE VALLEYS	3040	3026	183	237·3		484·6		89·4		222·2	
182/794	PORT SHEPSTONE - TNK	3044	3027	15	273·9	70	325·4	115	119·3	97	269·1	84
182/794A	PORT SHEPSTONE - VRT	3044	3027	17	292·1		361·6		108·8		231·7	
183/ 5	KLOOFEND	3035	3031	76	266·0		422·5		129·5		239·7	
185/492	GROOTVLEI	3012	1747	640	0·0		38·7		(11·5)		(10·0)	
185/712	KHARKHAMS	3022	1754	762	1·5		140·7		102·1		39·0	
185/793A	KAMIESKROON - MISSION	3013	1757	762	0·0		158·5		88·8		22·2	
186/139	KAMIESBERG	3019	1805	1448	17·2	75	245·6	328	199·8	118	57·2	69
190/868	BRANDVLEI - POL	3028	2029	915	111·0	358	67·0	149	0·0	0	7·5	37
191/252	ONDERSTEDOORNS	3012	2039	892	32·9		46·3		0·0		0·0	
191/734	SOUTPOORT	3014	2055	915	51·4		45·0		0·0		7·0	
192/ 68	SWARTKOP - SKL	3008	2103	1067	23·4		76·0		0·0		0·7	
192/319	BLINKKLIP	3019	2111	930	72·8		63·4		3·7		15·5	
193/339	DE NAAUWTE	3009	2142	933	67·5		31·8		0·0		16·8	
193/347	KALABASPUT	3017	2142	994	52·0		52·5		4·5		14·0	
193/561	VANWYKSVLEI	3021	2149	958	76·0	141	53·9	75	5·4	28	23·3	64
194/323	GANMAPAN	3023	2211	1059	91·0		30·0		0·0		10·5	
194/454	IRENE	3004	2216	1039	112·1		54·4		15·0		5·5	
195/358	TITUSPAN	3028	2242	1143	76·3		40·0		6·0		38·5	
195/730	NOOITGEDAG	3010	2255	1064	146·0		44·3		21·6		6·0	
196/375	ROOIPOORT	3015	2313	1052	133·4		70·0		27·5		0·0	
197/142	VOGELSTRUISPOORT	3022	2335	1122	195·7		77·4		5·5		4·5	
197/238	DOORNKUIL	3028	2338	1173	172·0		73·0		5·0		10·5	
197/713	KOCKSBEEN	3023	2354	1216	184·0	184	88·0	92	9·0	40	35·0	56
198/280	KOENSDRAAI - POL	3010	2410	1198	133·9		69·0		12·5		16·0	
198/524	BASBERG	3014	2418	1311	122·9		138·0		13·0		16·0	
198/726	JAKKALSKUIL	3006	2425	1219	127·1		84·5		8·0		12·0	
198/836	PHILIPSTOWN - TNK	3026	2428	1340	163·5	161	126·8	109	13·5	58	14·5	21
199/107	GROOT - ARENDSKRAAL	3017	2434	1295	128·9	130	146·5	123	14·5	67	19·4	29
199/222	MAGASSERFONTEIN	3012	2438	1244	134·9		139·7		13·0		13·0	
199/275	PETRUSVILLE - POL	3008	2440	1212	184·0	148	183·3	150	11·5	50	18·8	25
199/435	BOSDUIWEKOP	3015	2445	1234	133·0		159·5		14·0		11·6	
199/894	OLIVEWOOD	3024	2500	1173	143·5	128	169·8	131	11·5	46	21·0	30
200/ 58	FONTEINTJIE	3028	2502	1250	121·8		161·2		9·0		14·4	
200/166	KAREEPOORT	3016	2506	1341	178·0		117·7		10·4		23·6	
200/255	HARTMANSHOOP	3015	2509	1372	144·5		132·2		14·6		22·0	
200/466	PHILIPPOLIS - POL	3016	2516	1372	146·7	104	126·1	87	15·5	68	23·9	30
200/743	PIENAARSFONTEIN	3023	2525	1524	222·2		83·9		8·8		19·2	
200/764	KRIELSFONTEIN	3014	2526	1516	181·2	112	155·6	109	18·9	59	31·5	40
201/ 20	ORANJE	3020	2531	1524	224·3		105·0		1·0		40·0	
201/175	PRIORS	3025	2536	1406	224·8		88·3		13·0		34·0	
201/361	HAMELFONTEIN	3001	2543	1402	242·2		133·0		16·0		45·5	
201/373	HAMILTON MANOR	3013	2543	1537	241·5		145·8		30·2		52·4	
201/376	SPRINGFONTEIN - MUN	3016	2543	1519	227·9		148·2		23·1		38·7	
201/376A	SPRINGFONTEIN - SAR	3016	2543	1519	226·1	134	159·5	114	36·0	128	37·5	42
201/482	TROMPSBURG - POL	3002	2547	1433	273·3		129·7		20·2		60·8	
201/701	MIDDELFONTEIN	3011	2554	1494	212·8		150·8		32·3		26·0	
202/261	GOEDEHOOP	3021	2609	1370	179·8		122·5		19·6		75·5	
202/366	DE BAD	3006	2613	1524	225·2		143·3		44·5		(17·6)	
202/377	HAASFONTEIN	3017	2613	1448	245·9		121·5		28·0		29·5	
202/505	EBENHAEZER	3025	2617	1372	295·4		148·6		25·3		34·1	
202/575	RONDEFONTEIN	3005	2620	1600	(108·6)		152·0		43·3		84·8	
202/680	LOURENSA	3020	2623	1433	257·5		132·5		29·8		48·9	
202/687	KAREEKLOOF	3027	2623	1341	240·7		137·7		20·0		33·8	
203/ 43	SMITHFIELD	3013	2632	1400	257·4	108	141·0	85	41·0	96	47·0	40
203/170	BOSRAND	3020	2636	1372	(153·5)		94·0		43·0		52·0	
203/175	RUST - EN - VREDE	3025	2636	1478	216·2		133·1		32·0		55·3	
203/472	EENSAAMHEID	3022	2646	1435	229·0		161·3		45·6		54·3	
203/478	GRASFONTEIN	3028	2646	1494	217·0		173·0		38·5		70·2	
203/483	SONNEBLOM	3003	2647	1372	202·0		110·0		33·2		58·5	
203/595	ROUXVILLE - POL	3026	2650	1509	271·0	116	184·7	101	49·1	140	59·5	46
203/657	MIDDELPLAATS	3027	2652	1570	269·8		181·9		47·4		54·8	
203/737	RIETHOEK	3017	2655	1585	193·4		155·5		62·5		(2·5)	
204/ 50	LEEUWFONTEIN	3020	2702	1646	280·5		177·0		62·5		82·5	
204/ 58	COMPTON	3028	2702	1509	222·4		197·5		50·5		59·5	
204/127	OUDENAARDE	3007	2705	1645	204·5		191·1		54·0		68·1	
204/138	ZASTRON - TNK	3018	2705	1661	305·2	110	257·5	124	60·3	140	113·9	75
204/265	ZONDAGSFONTEIN	3025	2709	1555	332·0		169·9		57·0		75·8	
204/350	GELUKSVLEI	3020	2712	1646	238·0		176·9		49·5		111·0	
204/397	SPRING VALLEY	3007	2714	1615	304·4		237·6		46·5		101·4	
204/444	WELGEMOED	3024	2715	1676	348·1		175·3		55·7		75·4	
204/515	CLEARWATER	3005	2718	1494	317·1	110	242·7	120	47·5	120	85·5	51
204/616	KORNETSPRUIT	3016	2721	1486	359·9		238·2		68·5		111·3	
204/640	LILLE	3010	2722	1463	297·9		199·2		59·5		105·0	
204/683	HALMA	3023	2723	1478	325·0		201·0		57·0		107·9	
204/819	MOHALESHOEK	3009	2728	1600	379·8	125	226·0	111	86·5	169	107·8	64
205/ 85	TELLE BRIDGE	3026	2733	1370	352·7		227·0		74·5		131·6	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	M A A N D - M O N T H MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	J A A R JAN 1959 DEC MM	PER	Y E A R JUL 1958 JUN 1959 MM	PER
181/604	88.5	112.1	76.9	66.3	357.9	2.0	10.3	36.0	36.5	43.7	99.0	74.5	1003.5	136	1057.9	143
181/664	72.0	65.2	61.6	61.3	322.5	0.0	8.5	30.0	30.5	46.0	86.5	82.0	866.1	112	941.9	122
182/ 13	71.4	76.6	70.0	57.5	382.5	0.0	10.5	53.6	37.8	64.8	82.7	93.2	1000.6	148	969.4	143
182/379	91.4	134.9	55.9	71.8	544.2	0.0	30.2	60.9	40.3	93.3	96.0	131.1	1350.0		1530.1	
182/430	59.8	90.5	39.5	69.5	477.0	0.0	16.5	45.3	22.5	98.4	53.0	83.0	1055.0		1094.2	
182/439	56.2	103.4	46.0	56.9	594.9	0.0	21.6	54.8	46.0	80.8	81.3	95.2	1237.1	106	1455.9	125
182/535	85.0	109.0	91.0	48.5	418.0	0.0	28.5	60.0	60.5	126.0	54.5	109.0	1190.0	113	1235.6	117
182/710	105.5	77.0	65.5	74.5	284.2	0.0	53.0	123.5	78.0	108.7	62.3	86.7	1118.9	99	1096.6	97
182/730	80.1	79.1	59.0	52.9	372.7	0.0	24.9	64.5	40.9	121.3	60.0	112.5	1067.9		1246.5	
182/794	93.7	74.4	21.4	44.8	259.2	0.0	22.0	97.3	44.2	156.5	68.4	94.3	976.2	88	926.0	83
182/794A	94.1	79.1	50.7	52.0	258.9	0.2	23.2	85.4	51.9	120.1	59.7	92.5	967.8		1004.8	
183/ 5	96.5	106.0	41.0	46.5	335.0	0.0	39.0	90.5	74.1	98.1	67.5	97.0	1091.2	112	1100.9	115
185/492	0.0	0.0	0.0	5.3	33.4	1.5	10.0	--	--	10.0	0.0	15.5	(75.7)		46.2	
185/712	0.0	0.0	1.5	15.8	123.4	22.6	34.8	44.7	20.4	17.0	1.6	19.0	300.8		216.3	
185/793A	0.0	0.0	0.0	27.0	131.5	10.0	35.5	43.3	13.5	8.7	0.0	11.0	280.5		207.1	
186/139	0.0	0.4	0.3	42.6	202.7	47.0	60.4	92.4	35.4	21.5	0.3	29.6	532.6	152	377.3	108
190/868	7.5	37.0	17.5	15.0	34.5	0.0	0.0	0.0	0.0	7.5	0.0	0.0	119.0	109	178.0	163
191/252	6.0	11.4	14.5	6.2	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.7	52	82.0	67
191/734	0.0	20.7	12.0	4.0	29.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	72.7		106.4	
192/ 68	2.5	4.9	27.5	6.0	42.5	0.0	0.0	0.0	0.0	0.0	0.7	1.7	85.8		115.1	
192/319	0.0	9.5	22.4	9.5	31.5	0.0	2.2	1.5	0.0	15.5	0.0	0.0	92.1		140.2	
193/339	16.5	24.0	7.0	6.5	18.3	0.0	0.0	0.0	0.0	0.0	16.8	1.0	90.1	65	102.0	74
193/347	8.0	17.0	23.7	7.5	21.3	0.0	4.5	0.0	0.0	0.0	14.0	11.5	107.5	85	110.7	88
193/561	6.1	21.0	26.4	8.4	19.1	0.1	5.0	0.3	0.0	13.6	9.7	10.6	120.3	67	137.7	77
194/323	26.0	16.5	0.0	5.5	24.5	0.0	0.0	0.0	0.0	0.0	10.5	0.0	83.0	60	125.5	91
194/454	15.0	18.5	10.0	10.5	33.9	0.0	15.0	0.0	0.0	0.0	5.5	5.6	114.0	59	179.5	92
195/358	9.2	15.0	15.5	5.0	19.5	0.0	6.0	0.0	0.0	10.5	28.0	4.3	113.0	51	127.8	58
195/730	9.0	44.0	15.0	9.0	20.3	0.0	21.6	0.0	0.0	0.0	6.0	9.5	134.4		222.3	
196/375	24.3	40.2	35.0	0.0	35.0	0.0	27.5	0.0	0.0	0.0	0.0	15.2	177.2	76	276.2	119
197/142	26.0	100.7	6.9	20.0	50.5	0.0	5.5	0.0	0.0	0.0	4.5	8.5	222.6	99	319.9	142
197/238	14.0	73.0	0.5	25.0	47.5	0.0	5.0	0.0	0.0	0.0	10.5	12.0	187.5	73	286.5	113
197/713	42.5	68.5	24.0	16.0	48.0	0.0	9.0	0.0	0.0	14.5	20.5	15.5	258.5	93	318.0	114
198/280	26.5	57.5	9.5	9.5	50.0	0.0	12.5	0.0	0.0	1.5	14.5	27.0	208.5	79	231.4	87
198/524	33.0	29.2	25.0	37.2	75.8	0.0	13.0	0.0	0.0	5.0	11.0	35.0	264.2	89	340.4	115
198/726	38.0	36.6	14.0	10.5	60.0	0.0	8.0	0.0	0.0	12.0	0.0	35.0	214.1		257.6	
198/836	22.0	85.0	9.5	47.8	69.5	0.0	13.5	0.0	0.0	3.5	11.0	40.0	301.8	97	381.3	123
199/107	16.8	54.1	12.4	67.6	66.5	0.0	14.5	0.0	0.0	0.6	18.8	25.7	277.0	90	337.7	110
199/222	26.2	48.0	22.5	48.5	68.7	0.0	13.0	0.0	0.0	1.4	11.6	55.2	295.1	90	338.6	104
199/275	46.5	63.5	33.0	63.3	87.0	0.0	11.5	0.0	0.0	2.3	16.5	64.9	388.5	113	464.5	135
199/435	24.2	57.6	21.9	56.1	81.5	0.0	14.0	0.0	0.0	0.5	11.1	67.2	334.1	95	346.4	98
199/894	30.5	40.0	15.8	69.0	85.0	0.0	11.5	0.0	0.0	0.0	21.0	58.5	331.3	98	373.8	111
200/ 58	25.3	35.6	17.5	41.9	101.5	0.0	7.3	1.7	0.0	0.0	14.4	28.1	273.3	82	348.4	105
200/166	33.5	54.5	20.5	25.6	71.6	0.5	9.9	0.0	4.0	0.6	19.0	93.4	333.1	87	381.1	99
200/255	31.9	41.5	17.7	40.5	74.0	0.4	14.2	0.0	3.0	0.0	19.0	86.7	328.9	82	372.4	92
200/466	36.0	31.2	18.0	31.3	76.8	0.0	15.5	0.0	3.2	0.0	20.7	122.3	355.0	92	379.4	98
200/743	75.8	44.2	15.6	18.6	49.7	0.2	8.6	0.0	2.6	0.4	16.2	43.0	274.9	68	421.2	104
200/764	50.0	48.2	27.4	39.4	88.8	1.3	17.6	0.0	0.0	0.6	30.9	115.9	420.1	101	428.0	103
201/ 20	80.5	66.8	18.0	26.0	61.0	0.0	1.0	0.0	0.0	0.0	44.0	41.5	338.8	84	402.3	100
201/175	121.0	60.9	12.0	29.3	47.0	3.0	10.0	0.0	0.0	0.0	34.0	63.5	380.7	93	432.9	106
201/361	29.5	108.0	17.5	74.5	41.0	0.0	16.0	0.0	0.0	26.0	19.5	97.0	429.0	107	455.7	114
201/373	74.5	86.5	35.0	48.5	62.3	6.0	24.2	0.0	0.0	13.5	38.9	108.0	497.4	104	481.8	101
201/376	51.3	81.2	24.9	58.4	64.9	2.0	21.1	0.0	0.0	10.1	28.6	112.6	455.1	103	501.0	113
201/376A	52.5	76.0	34.0	64.0	61.5	0.0	36.0	0.0	0.0	7.0	30.5	101.0	462.3	108	498.6	117
201/482	27.3	127.0	22.5	65.2	46.0	0.0	20.2	0.0	0.0	21.8	39.0	97.0	466.0	126	518.8	141
201/701	71.5	58.8	51.5	59.6	59.7	0.0	32.3	0.0	0.0	0.0	26.0	58.9	398.3	91	427.2	107
202/261	65.3	60.5	19.1	41.0	62.4	0.0	19.6	0.0	1.4	9.0	65.1	26.0	369.4		420.3	
202/366	46.5	89.0	41.2	68.1	34.0	0.0	44.5	0.0	0.0	--	(17.6)	95.5	(436.4)		473.1	
202/377	41.0	96.0	20.0	58.5	43.0	0.0	28.0	0.0	0.0	3.5	26.0	78.5	394.5	92	433.9	100
202/505	90.0	103.9	27.3	64.5	56.8	0.0	25.3	0.0	3.4	3.5	27.2	64.4	466.3	116	601.4	150
202/575	--	108.6	56.0	64.9	31.1	0.1	42.7	0.5	0.9	31.3	52.6	105.4	(494.1)		-	
202/680	60.5	73.0	33.5	64.0	35.0	0.0	29.8	0.0	3.4	8.5	37.0	112.5	459.2	100	488.1	107
202/687	98.0	77.2	47.5	47.8	42.4	0.0	20.0	0.0	7.0	2.0	24.8	117.3	484.0		513.6	
203/ 43	67.1	68.3	72.1	42.2	26.7	0.0	41.0	0.0	4.0	15.8	27.2	94.1	458.5	82	515.0	92
203/170	(30.5)	97.0	42.0	38.5	13.5	0.0	43.0	0.0	0.0	22.5	29.5	109.1	(425.6)		(355.3)	
203/175	43.0	96.0	44.0	59.7	29.4	0.0	32.0	0.0	1.1	14.5	39.7	95.5	454.9		456.1	
203/472	42.0	86.4	82.6	45.9	32.8	0.3	44.5	0.8	2.0	17.2	35.1	99.1	488.7		502.8	
203/478	48.0	73.5	64.0	71.0	38.0	0.0	38.5	0.0	1.7	32.5	36.0	112.5	515.7	99	483.0	93
203/483	71.5	55.5	52.5	34.5	23.0	0.0	33.2	0.0	0.0	18.5	40.0	125.5	454.2	103	412.7	94
203/595	80.5	93.0	80.0	72.2	32.5	0.0	49.1	0.0	3.0	23.5	33.0	145.5	612.3	105	569.7	98
203/657	73.5	77.8	64.5	84.3	33.1	0.0	46.7	0.7	1.8	19.5	33.5	136.4	571.8	93	562.5	91
203/737	60.0	78.5	71.0	47.5	37.0	0.0	62.5	0.0	2.5	--	--	166.0	(525.0)		489.9	
204/ 50	64.0	98.5	64.5	72.5	40.0	0.0	62.5	0.0	3.0	23.5	56.0	143.5	628.0	110	619.9	109
204/ 58	58.2	79.5	83.0	71.5	43.0	0.0	50.5	0.0	0.0	18.0	41.5	158.5	603.7	126	540.9	113
204/127	63.5	39.0	90.6	67.0	33.5	0.0	54.0	0.0	1.1	16.5	50.5	114.5	530.2		545.2	
204/138	70.3	101.5	98.6	99.9	59.0	1.7	58.6	0.0	3.0	52.4	58.5	159.7	763.2	112	718.1	105
204/265	104.0	120.0	43.5	86.0	40.4	0.0	57.0	0.0	0.0	20.5	55.3	174.4	701.1	116	640.8	106
204/350	90.3	64.9	52.9	90.0	34.0	0.0	49.5	0.0	0.0	48.0	63.0	146.1	638.7	115	529.2	5
204/397	83.4	104.7	104.4	93.0	40.2	0.0	46.5	0.0	0.2	37.8	63.4	154.3	727.9	125	718.1	124
204/444	114.3	94.5	55.1	86.2	34.0	0.0	55.7	0.0	0.0	23.1	52.3	153.6	668.8	118	651.3	115
204/515	102.2	87.9	98.7	103.5	40.5	0.0	47.5	0.0	0.0	22.9	62.6	187.0	752.8	108	753.8	108
204/616	92.7	121.4	99.9	97.4	40.9	3.9	64.6	0.0	0.0	35.5	75.8	137.9	770.0	127	769.5	127
204/640	104.6	100.7	63.8	98.6	36.8	0.0	59.5	0.0	0.0	23.5	81.5	186.5	755.5	117	66[illegible].8	103
204/683	88.5	101.5	68.5	100.0	32.5	0.0	57.0	0.0	0.0	50.4	57.5	191.5	747.4	126	66[illegible]	112
204/819	74.1	137.7	91.8	87.8	46.4	1.5	65.0	0.0	0.0	28.5	79.3	209.0	821.1	115	840.[illegible]	[illegible]8
205/ 85	105.0	99.5	87.0	96.5	43.5	3.0	71.5	0.0	1.0	48.0	82.6	173.5	811.1		728.2	

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	φ S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
205/385	OUTHING	30°25′	27°43′	1737	291·8		217·7		64·8		90·4	
206/588	SINCLAIR	3018	2820	1830	381·4		326·4		51·3		219·8	
206/602	SEKAKES	3002	2821	1676	327·8		317·2		45·6		172·8	
206/843	WHITE HILL ESTATE	3003	2829	1676	(325·5)		(270·1)		50·0		181·5	
207/108	ADE	3018	2834	1449	312·4		223·7		40·8		135·5	
207/337	QACHASNEK	3007	2842	1972	(232·7)	-	336·5	169	45·0	94	172·5	79
207/402	MONT PLAISIR - MAG	3012	2844	1524	468·3		340·1		30·5		176·6	
207/560	MATATIELE - TNK	3020	2849	1463	340·3	101	258·5	174	46·2	107	146·9	95
207/790	AFSONDERING - NAF	3010	2857	1615	458·2		365·7		45·0		176·5	
208/ 24	RIETFONTEIN	3024	2901	1524	329·1		245·1		36·0		108·5	
208/100	TAYLERVILLE	3010	2904	1768	456·6		383·5		56·5		201·6	
208/104	BLAISDON	3014	2904	1510	445·5		325·5		50·0		158·0	
208/138	FIVE ACRES	3018	2905	1555	334·1		253·1		37·5		111·9	
208/316	NEW AMALFI - AGR	3016	2911	1475	375·3		302·5		56·6		151·2	
208/406	THE MEADOWS	3016	2914	1460	394·5		281·0		53·2		187·1	
208/635	BEN LOMOND	3005	2922	1960	416·7	103	424·2	222	55·3	110	176·5	83
208/709	KINGSMEAD	3019	2924	1600	327·0		323·5		38·5		194·1	
208/733	FLITWICK GRANGE	3013	2925	1789	443·0		387·5		50·5		190·0	
208/840	SEVENFONTEIN	3030	2928	1341	393·2		346·0		57·0		196·9	
209/ 39	INSIKENI - BOS	3009	2932	1524	539·6	105	331·0	134	18·5	35	225·5	79
209/ 47	MPUR - BOS	3017	2932	1524	(292·0)		385·3		43·0		261·5	
209/296	DXTON	3026	2940	1173	--		(350·5)		23·5		176·0	
209/312	LOURDES - SKL	3012	2941	1219	373·3		441·7		8·0		158·2	
209/332	INGWANGWANE - BOS	3002	2942	1372	510·2		392·5		35·0		219·6	
209/766	UMZIMKULU - TNK	3016	2956	762	273·0		468·0		22·0		205·7	
209/766A	UMZIMKULU	3016	2956	762	320·5	102	335·1	181	20·0	35	191·0	99
210/ 2	SUMMERFORD	3002	3001	1143	298·0	82	458·4	242	34·9	58	145·4	65
210/301	STAE BRAES	3001	3011	488	284·5		300·5		20·5		138·5	
210/739	FAIRFIELD	3019	3025	701	300·5		518·2		39·0		204·0	
210/826	SAWOTI	3016	3028	564	308·5	76	493·4	159	54·0	42	153·3	44
211/289	UMZINTO	3019	3040	152	509·5		319·4		104·8		361·4	
211/437	SCOTTBURGH	3017	3045	15	345·0		235·3		217·5		224·6	
211/661	UMBOGINTWINI-KYNOCH FACT	3001	3053	68	255·2		209·9		179·8		219·7	
211/663	AMANZIMTOTI	3003	3053	30	213·8		194·0		165·7		219·9	
213/129	GROOTMIS	2939	1705	140	0·0		28·5		25·4		5·0	
213/888	KOMAGGAS	2948	1730	457	0·0		61·5		41·7		5·7	
214/485	NABABEEP	2935	1747	915	32·9		130·8		79·7		10·5	
214/635	O KIEP	2936	1752	918	8·6		107·6		66·3		9·7	
214/670	SPRINGBOK - TNK	2940	1753	991	3·3		129·5		73·0		13·6	
220/195	STEYNSVLEI	2945	2037	885	32·0		26·7		0·0		44·5	
220/360	LEMOENKOP	3000	2042	910	24·2		41·0		0·0		9·0	
220/539	KLIPHEUWELS A	2949	2048	899	33·2		33·3		2·1		9·2	
220/820	KNAPZAK	2940	2058	880	74·5		51·0		1·2		14·0	
220/827	KAMPE	2947	2058	825	41·8		47·5		3·0		7·5	
222/187	BASTERSPAN	2937	2137	991	32·8		128·1		10·3		0·0	
222/324	SONDAGSPAN	2954	2141	930	101·5		12·0		2·5		0·0	
222/648	STOMPDOR	2948	2152	1035	65·2		51·0		12·2		9·5	
223/ 58	JURIESLEEGTE	2958	2202	1052	81·9		61·0		9·4		9·7	
223/287	HEDLY PLAINS	2947	2210	1082	154·2		44·2		15·4		0·0	
223/588	SUNNYSIDE	2948	2220	1158	94·5		35·2		22·0		6·0	
223/707	LOURETHA	2947	2224	1158	111·2		(22·1)		20·8		3·6	
223/834	BOESMANSBERG	2954	2228	1189	159·0		33·4		19·0		5·0	
224/163	MOREWAG	2943	2236	1140	124·0		54·0		20·5		23·5	
224/208	UITSIG	2958	2237	1113	146·1		29·0		11·5		5·3	
224/389	GROOT - MODDERFONTEIN	2959	2243	1067	116·0		29·0		0·0		0·0	
224/430	PRIESKA	2940	2245	932	135·2	173	51·0	59	32·9	300	40·7	105
224/734	UNITEIT	2944	2255	960	135·5		46·0		29·0		61·5	
225/ 65	ROOISLOOT	2935	2303	1036	123·5		66·0		28·0		69·0	
225/118	KLEINDOORNBERG	2958	2304	1006	150·0		61·5		30·2		15·3	
225/311	GRASPAN	2941	2311	1021	151·2		77·0		21·5		36·0	
225/395	WILDEBEESPAN	2938	2314	1052	179·0		73·6		22·5		63·0	
225/413	LAMMERTJIESPAN	2953	2314	1021	115·0		90·9		27·5		24·5	
225/540	KOPPIESDAM	3000	2318	1036	155·8		94·2		28·1		18·2	
225/679	KAREEKLOOF	2949	2323	1036	182·3	212	87·0	75	19·0	126	36·5	66
225/792	SPIOENPAN	2942	2327	1145	169·0		106·0		12·2		45·4	
226/327	STRYDENBURG - POL	2957	2341	1113	183·7		72·3		13·7		30·5	
226/438	MODDERPAN	2948	2345	1070	112·4		(56·0)		0·0		23·0	
226/572	VANTONDERSKANS	2932	2350	1143	204·5	214	94·0	80	11·9	71	61·6	98
226/622	ELANDSBERG	2952	2351	1219	102·0		66·0		10·5		12·1	
226/771	GOEDEHOOP	2951	2356	1219	169·5		87·0		0·0		16·0	
227/ 54	PERDEPUT	2954	2402	1158	135·8		110·2		13·8		21·9	
227/127	HOPETOWN - TNK	2957	2405	1098	231·0	241	114·5	108	9·0	56	75·5	[illegible]
227/368	ORANGERIVIER - SAR	2938	2413	1073	252·7		123·5		0·0		35·0	
227/464	ORANGE RIVER - SALT PAN	2944	2416	1088	240·4		140·7		9·7		42·8	
227/756	WANDA	2936	2426	1097	214·0		138·9		2·9		50·2	
227/811	LELIESHOEK	2931	2428	1189	165·3		96·0		0·6		47·5	
228/170	BLESKOP	2950	2436	1189	201·0		132·7		6·2		23·	
228/413	VINGERKRAAL	2953	2444	1212	188·9		111·0		9·8		23·0	
228/458	LUDIKSDAM	2938	2446	1234	171·3		122·8		0·0		77·5	
228/495	LUCKHOFF - POL	2945	2447	1280	190·5	129	183·9	139	4·0	17	62·2	81
228/567	TEVREDENHEID	2957	2449	1227	125·7	105	130·0	90	8·3	34	19·4	24
228/571	ADAMSHOOP	2931	2450	1227	201·6		121·2		4·9		57·0	
228/657	BOSHOFFSDAM	2957	2452	1250	147·3		(105·5)		10·0		21·5	
228/725	UITKYK	2935	2455	1265	111·4		99·0		4·0		37·2	
228/783	RIETPUT	2933	2457	1295	209·2		122·6		5·0		45·9	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1 9 5 9

NR ND	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
205/385	62·7	108·4	72·9	93·5	51·3	6·6	58·2	0·0	0·0	57·9	32·5	173·4	717·4		670·4	
206/588	65·2	104·1	78·0	124·7	123·7	0·0	38·5	12·8	13·4	79·9	126·5	138·4	905·2		886·3	
206/602	54·4	72·5	73·1	95·4	148·7	1·5	30·6	13·5	3·1	66·4	103·3	137·7	800·2		858·1	
206/843	68·0	70·0	(19·5)	102·0	148·6	0·0	39·0	11·0	0·0	94·0	87·5	134·8	774·4	144	(755·1)	141
207/108	53·6	97·0	77·5	50·5	95·7	0·0	27·0	13·8	14·5	27·5	93·5	75·3	625·9		699·5	
207/337	127·2	105·5	51·5	74·5	210·5	0·0	25·5	19·5	16·0	47·0	109·5	107·5	894·2	96	(569·2)	-
207/402	73·3	123·5	87·1	73·5	179·5	0·0	22·0	8·5	26·5	26·5	123·6	83·2	827·2		1000·4	
207/560	52·8	89·5	55·5	90·0	113·0	0·0	30·5	15·7	12·5	34·3	100·1	85·5	679·4	99	754·6	110
207/790	97·0	104·3	77·7	71·0	217·0	0·3	20·2	24·5	15·0	44·6	116·9	77·8	866·3		1012·3	
208/ 24	92·6	91·7	49·7	53·2	142·2	0·0	31·0	5·0	19·2	18·2	71·1	113·3	687·2		749·4	
208/100	100·5	155·4	101·0	55·0	227·5	0·0	25·5	31·0	30·0	61·1	110·5	95·1	992·6	106	1003·5	119
208/104	91·5	146·5	76·0	50·5	199·0	0·0	23·0	27·0	17·5	22·5	118·0	86·5	858·0		969·9	
208/138	113·5	83·6	95·5	37·1	120·5	0·0	20·5	17·0	6·8	21·4	83·7	91·4	691·0		789·5	
208/316	86·0	162·9	79·1	51·0	172·4	0·3	35·8	20·5	14·0	47·1	90·1	155·8	915·0		858·4	
208/406	60·7	175·2	60·9	54·4	165·7	0·2	31·5	21·5	13·2	28·9	145·0	128·0	885·2	120	822·7	112
208/635	71·9	163·1	70·5	43·1	310·6	16·7	14·0	24·6	30·1	36·0	110·4	84·3	975·3	114	1016·4	118
208/709	50·1	164·1	47·5	52·5	223·5	0·0	24·0	14·5	19·0	52·0	123·1	93·0	863·3		807·8	
208/733	94·5	165·0	90·0	59·0	238·5	2·0	31·5	17·0	20·5	46·0	123·5	71·5	959·0	109	1085·5	123
208/840	60·5	142·7	70·5	66·5	209·0	0·0	14·5	42·5	22·0	44·2	130·7	70·5	873·6	113	903·9	117
209/ 39	149·0	169·0	60·5	54·0	216·5	0·0	10·5	8·0	20·5	61·5	143·5	55·0	948·0	86	1172·1	106
209/ 47	151·5	140·5	96·3	82·0	207·0	0·0	0·0	43·0	14·0	61·0	186·5	162·0	1143·8	112	(794·6)	-
209/296	--	--	--	46·0	304·5	0·0	15·5	8·0	18·0	30·0	128·0	97·0	(547·0)		-	
209/312	67·3	125·1	99·9	61·1	280·7	0·0	0·0	8·0	15·8	27·8	114·6	--	(800·3)		1055·7	
209/332	228·2	129·5	80·5	39·5	272·5	5·0	18·5	11·5	15·5	89·8	114·3	101·3	1106·1	104	1111·2	104
209/766	80·6	60·5	102·5	32·5	333·0	3·5	1·5	17·0	18·5	49·2	138·0	68·7	905·5	130	901·1	129
209/766A	98·5	65·0	118·6	33·5	183·0	3·0	2·0	15·0	29·0	50·0	112·0	56·8	766·4	102	821·6	110
210/ 2	101·2	59·4	62·6	37·1	358·7	4·2	8·6	22·1	11·1	44·5	89·8	110·1	909·4	109	969·4	116
210/301	91·5	88·5	17·0	17·0	266·5	0·0	4·0	16·5	6·5	61·5	70·5	110·5	750·0	119	788·0	124
210/739	108·0	98·5	46·0	38·7	433·5	0·0	9·5	29·5	29·0	94·5	80·5	85·5	1053·2	112	1067·7	113
210/826	102·0	115·5	45·4	35·5	412·5	0·0	14·0	40·0	24·5	60·5	68·3	75·4	993·6	84	1046·0	88
211/289	325·6	106·4	40·4	42·4	236·6	0·4	77·2	27·2	107·3	141·5	112·6	74·6	1292·2	122	1409·7	133
211/437	188·0	64·0	29·1	43·3	152·9	0·0	120·0	97·5	44·0	83·6	97·0	67·9	997·3	102	901·1	92
211/661	123·0	52·6	27·2	26·5	156·2	0·5	97·3	82·0	31·0	90·6	98·1	62·0	847·0		736·4	
211/663	98·3	54·5	18·2	35·5	140·3	0·0	83·2	82·5	23·7	100·7	95·5	54·4	786·8	78	674·0	66
213/129	0·0	0·0	0·0	3·0	25·5	0·0	20·2	5·2	3·5	1·5	0·0	0·0	58·9		30·0	
213/888	0·0	0·0	0·0	19·4	42·1	3·5	19·5	18·7	5·2	0·0	0·5	3·0	111·9		85·7	
214/485	0·0	0·4	2·0	20·3	108·5	9·5	35·3	34·9	6·0	3·5	1·0	14·0	235·4		207·7	
214/636	0·0	5·0	0·0	17·7	89·9	9·5	30·1	26·7	5·4	4·3	0·0	9·2	197·8		150·9	
214/670	0·0	0·0	2·4	25·5	101·6	12·5	25·0	35·5	9·3	0·0	4·3	11·1	227·2	102	176·3	79
220/195	0·0	16·0	0·0	0·0	26·7	0·0	0·0	0·0	0·0	0·0	44·5	0·0	87·2		58·7	
220/360	0·0	9·5	11·0	4·0	26·0	0·0	0·0	0·0	0·0	0·0	9·0	0·0	59·5		65·2	
220/539	0·7	9·8	1·3	4·0	28·0	0·0	0·1	2·0	0·0	0·0	9·2	1·0	56·1		77·7	
220/820	4·4	13·0	0·0	7·0	44·0	0·0	0·0	1·2	0·0	0·0	14·0	1·4	85·0		133·5	
220/827	0·3	12·3	0·0	8·0	39·5	0·0	0·0	3·0	0·0	0·0	7·5	0·7	71·3		94·4	
222/187	0·0	7·8	99·6	0·0	28·5	4·5	5·8	0·0	0·0	0·0	0·0	0·0	146·2		178·5	
222/324	0·0	14·0	6·5	0·0	5·5	0·0	2·5	0·0	0·0	0·0	0·0	0·0	28·5		113·5	
222/648	2·0	14·0	21·5	7·0	22·5	0·0	10·2	2·0	0·0	0·0	9·5	0·0	88·7		128·4	
223/ 58	9·1	17·4	18·0	5·5	37·5	0·0	8·4	1·0	0·0	1·7	8·0	0·5	107·1	58	154·6	84
223/287	0·0	15·5	10·5	0·0	33·7	0·0	15·4	0·0	0·0	0·0	0·0	0·0	75·1	37	204·9	102
223/588	2·5	25·0	0·0	14·0	21·2	0·0	22·0	0·0	0·0	0·0	6·0	8·0	98·7	48	129·7	64
223/707	2·7	18·6	1·4	--	20·7	0·0	20·8	0·0	0·0	0·0	3·6	0·0	(67·8)		(144·1)	
223/834	0·0	25·5	3·5	13·0	16·9	0·0	19·0	0·0	0·0	0·0	5·0	10·5	93·4	46	205·9	103
224/163	0·0	25·0	17·0	14·0	23·0	0·0	20·5	0·0	0·0	0·0	23·5	19·5	142·5		215·5	
224/208	0·8	43·0	3·5	7·5	18·0	0·0	11·5	0·0	0·0	0·0	5·3	13·0	102·6	53	194·3	100
224/389	0·0	31·0	0·0	15·0	14·0	0·0	0·0	0·0	0·0	0·0	0·0	9·0	69·0	38	158·0	86
224/450	35·6	35·2	11·5	16·3	23·2	0·0	32·9	0·0	0·1	9·4	31·2	46·9	242·3	113	212·0	99
224/734	27·5	54·5	8·0	6·0	32·0	0·0	29·0	0·0	0·0	8·0	53·5	46·0	264·5	117	191·5	85
225/ 65	19·0	31·5	13·0	19·0	34·0	0·0	28·0	0·0	0·0	43·0	26·0	23·5	237·0	93	236·3	92
225/118	10·9	68·0	15·5	10·2	35·8	0·0	30·2	0·0	0·0	6·3	9·0	11·5	197·4	96	256·3	125
225/311	19·5	45·5	7·5	20·5	49·0	0·0	21·5	0·0	0·0	17·0	19·0	45·0	244·5	106	247·7	108
225/395	4·0	63·5	0·0	19·6	54·0	0·0	22·5	0·0	0·0	24·0	39·0	41·5	268·1	97	297·1	108
225/413	12·5	31·2	35·4	13·0	42·5	0·0	27·5	0·0	0·0	6·5	18·0	18·5	205·1	101	221·4	108
225/540	16·5	60·2	27·7	17·0	49·5	0·0	23·1	5·0	0·0	7·2	11·0	33·0	250·2	108	267·5	116
225/679	29·8	55·5	26·5	13·2	47·3	0·0	19·0	0·0	0·0	26·5	10·0	79·4	307·2	113	291·3	107
225/792	17·5	68·0	29·8	37·2	39·0	0·0	12·2	0·0	0·0	22·4	23·0	73·5	322·6		299·3	
226/327	17·8	102·0	18·5	12·3	41·5	0·0	13·7	0·0	0·0	14·0	16·5	33·1	269·4	106	288·5	117
226/438	19·0	40·0	38·5	--	17·5	0·0	0·0	0·0	0·0	17·0	6·0	47·2	(185·2)		(193·2)	
226/572	48·5	70·2	18·1	23·8	52·1	2·7	9·2	0·0	0·0	9·8	51·8	35·3	321·5	109	319·9	108
226/622	27·0	20·0	25·0	10·5	30·5	0·0	10·5	0·0	4·0	3·0	5·1	39·0	174·6	70	201·5	80
226/771	20·5	94·5	32·0	10·0	45·0	0·0	0·0	0·0	0·0	6·0	10·0	42·5	250·5	89	274·0	93
227/ 54	27·5	37·8	47·5	13·5	49·2	0·3	13·5	0·0	0·0	5·5	16·4	47·0	258·2	90	262·4	92
227/127	59·0	82·0	22·0	23·0	69·5	0·0	9·0	0·0	0·0	18·0	57·5	44·0	384·0	136	371·0	132
227/368	49·5	76·0	14·0	26·0	83·5	0·0	0·0	0·0	0·0	7·5	27·5	60·0	344·0	129	401·7	151
227/464	57·6	65·0	26·1	30·4	84·2	0·0	9·7	0·0	0·0	9·2	33·6	59·3	375·1		420·9	
227/756	54·4	72·2	41·5	46·0	51·4	0·0	2·9	0·0	0·0	5·0	45·2	52·2	370·8	122	394·3	130
227/811	45·0	88·8	11·5	26·0	58·5	0·0	0·6	0·0	0·0	7·0	40·5	66·5	344·4	132	295·0	113
228/170	53·2	63·8	22·1	35·5	75·1	0·0	6·2	0·0	0·0	4·1	19·6	60·3	339·9	103	366·9	111
228/413	61·5	49·5	19·5	32·0	59·5	0·0	9·8	0·0	0·0	2·5	20·5	85·5	340·3	104	322·[illegible]	98
228/458	31·8	78·0	16·3	50·0	56·5	0·0	0·0	0·0	0·0	33·0	44·5	56·0	366·1	114	336·	[illegible]
228/495	32·5	66·0	35·0	46·0	102·9	0·0	4·0	0·0	0·0	31·8	30·4	95·0	443·6	118	434·9	[illegible]
228/567	40·1	25·7	22·0	34·8	73·2	0·0	8·3	0·0	0·0	4·5	14·9	61·3	284·8	77	313·0	85
228/571	35·5	100·7	17·2	43·3	60·7	0·0	4·9	0·0	0·0	4·7	52·3	77·8	397·1	124	363·9	114
228/657	42·0	31·0	26·0	(22·5)	(57·0)	0·0	10·0	0·0	0·0	1·5	20·0	64·0	(274·0)		(298·3)	
228/725	8·0	61·4	18·0	39·0	42·0	0·0	4·0	0·0	0·0	7·0	30·2	63·5	273·1	97	240·8	85
228/783	25·5	104·9	20·7	44·2	57·7	0·0	5·0	0·0	0·0	7·0	38·9	77·6	381·5	107	375·9	106

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
229/ 89	MIMOSA	29°59'	25°03'	1433	190·0		145·5		10·9		37·5	
229/124	TAAIBOSLAAGTE	2934	2505	1341	229·0		141·5		10·5		57·0	
229/170	WHEELDON	2950	2506	1372	226·5		84·0		8·6		62·3	
229/265	PARYS NO 570	2955	2509	1448	165·6		120·0		10·0		28·7	
229/344	SANDYMOUNT PARK	2944	2512	1524	200·7		104·6		13·4		59·2	
229/469	HARTEBEESTFONTEIN	2949	2516	1494	240·0		128·5		13·0		59·5	
229/355A	FAURESMITH - SAR	2945	2519	1372	(132·3)	-	128·6	96	16·3	64	52·2	60
229/556	FAURESMITH - AGR	2946	2519	1382	194·2		91·2		14·9		44·9	
229/579	STEENBOKVLAKTE	2939	2520	1356	189·2		137·5		19·0		69·8	
229/629	SPITSKOP	2959	2521	1463	197·0		114·0		13·2		7·5	
229/737	JAGERSFONTEIN - SAR	2947	2525	1417	(149·0)		122·3		0·0		64·5	
230/ 11	GLENIFFER	2941	2531	1387	211·0		125·4		20·0		48·0	
230/ 73	SLANGFONTEIN	2943	2533	1341	223·5		121·4		11·2		49·5	
230/764	EDENBURG - SAR	2944	2556	1376	176·3		132·7		41·0		61·8	
230/774	UITKYK	2954	2556	1509	206·1		136·5		30·7		69·0	
230/810	LILYDALE	3000	2557	1509	184·8		126·5		22·0		33·0	
230/815	BETHANY	2936	2558	1341	192·8		183·8		32·0		91·2	
231/161	PUNTJIESFONTEIN	2941	2606	1387	156·0		179·5		31·5		96·7	
231/279	REDDERSBURG - POL	2939	2610	1433	286·0	155	166·5	111	28·0	90	86·2	70
231/361	HEBRON	2931	2613	1452	208·3		115·6		18·2		120·2	
231/395	BULSFONTEIN	2935	2614	1463	287·0		116·0		23·0		90·0	
231/713	DONKERHOEK	2953	2624	1516	199·1	101	187·3	126	42·0	150	94·2	88
231/754	BLOUBOSKOP	2934	2626	1509	218·9		118·0		28·2		93·9	
232/ 18	HELPMEKAAR	2948	2631	1618	212·5		(79·4)		--		(54·0)	
232/ 83	HELVETIA - POL	2953	2633	1585	210·7		124·8		32·5		78·0	
232/123	ROODEPOORT	2933	2635	1509	274·5		170·2		28·3		96·3	
232/211	NUWEJAARSFONTEIN	2931	2638	1524	268·1		174·0		21·0		86·8	
232/218	BULTFONTEIN	2938	2638	1608	265·6		173·8		29·7		100·7	
232/275	DEWETSDORP - POL	2935	2640	1555	269·1	117	204·6	113	32·7	89	89·2	59
232/383	WENTZBURG	2953	2643	1539	201·6		154·0		27·0		92·0	
232/673	KROMDAM	2943	2653	1494	182·5		125·2		26·3		107·0	
232/823	WATERFORD	2943	2658	1433	308·7		180·7		43·0		100·3	
232/895	SWEETWATER	2955	2700	1536	230·5		146·5		49·5		85·5	
232/898	QUILIMANE	2958	2700	1519	227·4	90	194·3	101	54·5	153	93·4	68
233/ 44	WEPENER	2944	2702	1426	351·7	133	163·2	91	42·9	116	98·3	70
233/ 49	WONDERBOOM	2949	2702	1524	295·1		183·8		49·1		68·9	
233/103	MON REPOS	2943	2704	1555	287·5		159·4		41·4		86·5	
233/211	HOBHOUSE	2931	2708	1448	306·7		175·0		45·6		106·9	
233/239	LADYSDALE	2959	2708	1539	302·0		206·6		67·5		96·3	
233/439	MAFETENG	2949	2715	1615	(144·5)	-	180·7	90	56·0	133	70·2	45
233/747	THABANA MORENA	2957	2725	1676	265·6		220·1		47·3		77·9	
234/111	WALEALEA	2951	2734	1966	415·5		314·6		110·7		158·5	
236/ 35	THABA TSEKA	2935	2832	2377	(96·9)		209·1		44·0		204·8	
236/521	WASHAI	2941	2848	1829	169·0		266·0		31·5		128·5	
237/380	BUSHMANS NEK - BOS	2950	2913	1830	406·2		332·2		20·5		163·5	
237/471	BERGVIEW	2951	2916	1676	563·2		389·0		26·3		230·0	
237/715	ROUGHAM	2955	2924	1615	502·9		377·7		60·4		161·2	
238/ 45	HIMEVILLE - MAG	2945	2932	1524	445·6		371·4		31·5		158·6	
238/132	SNOWHILL	2942	2935	1646	455·8		454·6		32·0		153·8	
238/341	PAULHOLME	2941	2942	1478	378·4		317·0		31·6		135·8	
238/442	SARNIA - BOS	2952	2945	1524	430·7		459·5		40·0		131·8	
238/468	BULWER - TNK	2948	2946	1484	566·7	115	396·0	152	43·0	71	158·0	56
238/616	LONG ELMSEL	2946	2951	1250	494·5		364·5		34·5		162·7	
238/636	IMPENDHLE - POL	2936	2952	1600	462·2	105	414·5	177	64·5	107	191·3	78
238/806	EMERALD DALE	2956	2957	1189	362·9		446·9		63·2		155·9	
238/899	MARSHMEAD	2959	3000	1190	291·2		472·5		53·2		146·1	
239/ 2	DARGLE - BOS	2932	3001	1450	446·5		291·4		43·3		212·0	
239/133	VAUCLUSE	2943	3005	1372	468·0		371·0		37·0		250·5	
239/138	WHITSON	2948	3005	1219	383·1		399·3		20·7		210·2	
239/359	NAAUWPOORT	2959	3012	1219	399·0		409·3		11·5		150·0	
239/421	MERRIVALE	2931	3015	1045	414·0		315·5		23·5		174·5	
239/472	RICHMOND - NATAL - TNK	2952	3016	856	443·2	101	406·0	162	35·5	49	283·8	97
239/482	CEDARA - AGR	2932	3017	1063	468·4		319·5		30·1		208·6	
239/514	BENEAN	2934	3018	1067	599·0		375·5		35·0		277·5	
239/518	EDENDALE	2938	3018	765	441·4		241·0		48·6		199·9	
239/574	PMARITZBURG-COUNTRY CLUB	2934	3020	762	602·0		328·0		33·5		290·5	
239/577	PIETERMARITZBURG - PUR	2937	3020		526·2		282·5		32·7		241·9	
239/585	BAYNESFIELD ESTATE	2945	3020	914	458·7		230·3		23·4		180·7	
239/604	ALLERTON - VET	2934	3021	640	586·2		311·1		39·5		255·4	
239/730	UKULINGA - AGR	2940	3025	762	342·1		239·4		50·3		132·1	
240/ 14	UMLAAS ROAD	2944	3031	794	385·1		358·2		34·5		149·2	
240/ 22	ESTON	2952	3031	792	271·8		436·7		27·7		176·0	
240/ 31	WINDY HILL - NO 1	2931	3032	945	608·8		375·8		21·9		287·0	
240/ 73	CAMPERDOWN - NAF	2943	3033	762	340·1		(305·8)		36·5		12[illegible]·4	
240/185	UMGENI DAM	2935	3037	442	403·6		352·1		27·6		18[illegible]·1	
240/269	NEWLANDS	2959	3039	610	366·0	100	434·5	189	24·0	27	273·5	100
240/284	INCHANGA	2944	3040	762	376·5		391·8		23·5		171·7	
240/381	SHONGWENI	2951	3043	457	236·5		260·6		56·8		139·4	
240/404	BOTHA S HILL	2944	3044	610	298·9		433·5		79·5		129·0	
240/564	INTAKE WEIR	2954	3049	183	204·0		236·8		96·0		[illegible]·3	
240/586	KLOOF - PUR	2946	3050	457	336·5		281·0		69·4		198·1	
240/649	PINETOWN - MAG	2949	3052	343	289·0		286·3		107·3		221·3	
240/649A	PINETOWN	2949	3052	338	289·3		260·8		99·6		182·3	
240/680	SARNIA	2950	3053	274	235·4		217·0		65·2		152·8	
240/682	NORTHDENE	2952	3053	237	258·8		214·3		125·3		175·8	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
229/ 89	32·7	53·9	23·5	39·3	82·7	0·0	10·9	0·0	0·0	5·3	32·2	65·8	346·3	88	419·0	106
229/124	42·0	81·5	27·0	49·5	65·0	0·0	10·5	0·0	0·0	21·5	35·5	98·5	431·0	110	395·5	101
229/170	28·7	88·6	5·2	15·1	63·7	0·0	8·6	0·0	0·0	47·3	15·0	83·1	355·3	109	360·0	110
229/265	36·7	56·9	6·3	35·2	78·5	0·0	9·8	0·2	0·0	10·1	18·6	98·4	350·7	89	366·3	93
229/344	27·5	104·9	17·7	45·7	41·2	0·0	13·4	0·0	0·0	21·2	38·0	66·4	376·0	90	365·2	87
229/469	42·5	94·0	26·0	54·5	48·0	0·0	13·0	0·0	0·0	33·5	26·0	92·0	429·5	100	426·5	100
229/555A	33·4	98·9	29·5	52·1	47·0	0·0	16·3	0·0	0·0	27·0	25·2	76·5	405·9	102	(323·8)	-
229/556	30·0	89·4	22·1	42·3	26·8	0·2	14·5	0·2	0·0	23·3	21·6	62·7	333·1		331·6	
229/579	22·0	96·2	47·5	43·5	46·5	0·0	19·0	0·0	0·0	19·4	50·4	49·0	393·5		418·2	
229/629	24·5	97·5	35·0	50·0	29·0	0·0	13·2	0·0	0·0	0·0	7·5	55·5	312·2	76	397·5	96
229/737	43·5	105·5	35·8	48·5	38·0	0·0	0·0	0·0	0·0	29·5	35·0	49·0	384·8	96	(301·5)	
230/ 11	29·0	72·0	33·0	45·3	47·1	0·0	20·0	0·0	0·0	21·0	27·0	19·5	313·9	72	461·4	105
230/ 73	60·5	82·0	31·5	41·5	48·4	0·0	11·2	0·0	0·0	13·5	36·0	37·0	361·6	85	477·9	112
230/764	40·2	75·9	42·7	56·0	34·0	0·0	41·0	0·0	0·0	25·0	36·8	121·0	472·6	116	412·2	101
230/774	44·0	76·0	24·5	66·5	45·5	0·0	30·7	0·0	0·0	33·5	35·5	112·0	467·2	118	455·4	115
230/810	38·5	79·8	23·5	69·0	34·0	0·0	22·0	0·0	0·0	23·0	10·0	75·0	374·8	82	410·3	90
230/816	55·2	70·9	56·8	86·8	40·2	0·0	32·0	0·0	0·0	37·7	53·5	138·1	571·2	112	498·9	98
231/161	58·0	63·0	55·0	79·0	45·5	0·0	31·5	0·0	0·0	41·5	55·2	137·6	566·3	144	465·2	118
231/279	140·0	66·5	49·5	72·5	44·5	0·0	28·0	0·0	0·0	24·2	62·0	117·5	604·7	124	591·0	121
231/361	97·3	49·5	38·6	32·3	44·7	0·0	18·2	0·0	0·0	46·0	74·2	146·6	547·4	143	406·4	106
231/395	127·0	68·0	20·0	69·0	27·0	0·0	23·0	0·0	0·0	35·0	55·0	201·0	625·0	158	515·5	129
231/713	80·2	57·5	65·4	56·4	65·5	0·0	42·0	0·0	0·0	29·0	65·2	143·7	604·9	126	583·9	122
231/754	101·5	49·0	40·0	39·0	39·0	0·0	28·2	0·0	0·0	37·4	56·5	180·9	571·5	121	499·9	106
232/ 18	89·0	62·0	23·9	55·5	--	--	--	--	--	--	54·0	137·0	(421·4)		(427·9)	
232/ 83	64·0	59·0	33·5	46·8	44·5	0·0	32·5	0·0	0·0	22·5	55·5	129·2	487·5	100	463·5	95
232/123	88·9	53·5	51·4	86·8	32·0	0·3	28·0	0·0	0·0	34·0	62·3	160·1	597·3	114	621·3	118
232/211	117·9	73·5	53·1	82·9	38·0	0·0	21·0	0·0	0·0	38·3	48·5	182·7	655·9	118	602·4	108
232/218	99·9	51·3	64·5	68·0	41·3	0·2	29·4	0·1	1·5	50·3	48·9	179·5	634·9	112	644·1	113
232/275	90·0	58·5	73·5	91·0	40·1	0·0	32·7	0·0	0·0	38·9	50·3	182·7	657·7	109	702·5	117
232/383	85·0	42·0	51·0	51·5	51·5	0·0	27·0	0·0	1·0	29·5	61·5	182·5	582·5	126	497·9	109
232/673	57·0	49·5	32·2	54·0	39·0	0·0	26·3	0·0	4·0	32·0	71·0	94·5	459·5	89	458·5	88
232/823	123·7	62·0	61·3	91·0	28·4	0·3	43·0	0·0	0·9	34·9	64·5	136·9	646·9	113	630·3	114
232/895	94·0	49·0	50·0	66·5	30·0	0·0	49·5	0·0	0·0	24·0	61·5	134·0	558·5	96	525·0	90
232/898	70·3	62·3	83·8	76·5	34·0	0·0	54·5	0·0	1·8	35·6	56·0	146·5	621·3	101	617·3	100
233/ 44	149·7	64·6	57·6	67·9	37·7	0·7	42·2	0·0	4·9	36·9	56·5	142·9	661·6	107	688·1	111
233/ 49	90·7	55·9	50·2	98·5	35·1	0·0	49·1	0·0	5·7	24·1	39·1	141·1	589·5	104	647·2	114
233/103	110·5	61·5	47·8	75·1	36·5	0·0	41·4	0·0	4·0	41·0	41·5	144·5	603·8	97	633·2	101
233/211	103·8	94·1	87·8	51·3	35·9	0·8	44·8	0·0	4·2	34·8	67·9	114·6	640·0	114	673·3	120
233/239	81·0	61·0	80·0	100·5	26·0	0·5	67·0	0·0	0·0	26·9	69·4	137·0	649·4	99	509·1	
233/439	58·5	86·0	42·5	87·8	50·4	0·0	56·0	0·0	0·0	26·2	44·0	--	(451·4)	-	(513·7)	-
233/747	82·0	47·7	94·9	75·2	50·0	0·0	46·5	0·8	1·5	33·7	42·7	--	(475·0)		680·9	
234/111	116·5	141·3	132·5	114·7	67·4	2·5	107·5	0·7	0·0	57·5	101·0	232·0	1073·6		986·0	
236/ 35	48·8	48·1	23·1	53·1	132·9	1·3	42·7	0·0	0·0	105·6	99·2	95·4	650·2		(307·3)	
236/521	49·5	45·0	27·5	67·5	171·0	0·0	26·5	5·0	0·0	60·5	68·0	101·5	622·0	117	544·0	103
237/380	44·0	162·7	54·0	45·2	233·0	0·0	20·5	0·0	10·0	54·5	99·0	109·5	832·4		953·8	
237/471	108·2	237·5	83·5	66·5	239·0	0·1	23·5	2·7	15·5	78·0	136·5	162·5	1153·5	95	1274·1	105
237/715	49·7	179·7	42·3	33·1	302·3	0·0	51·2	9·2	11·0	34·0	116·2	86·0	914·7		1074·9	
238/ 45	142·6	110·9	52·9	43·4	275·1	8·0	17·9	5·6	24·8	43·0	90·8	118·2	933·2	99	996·2	105
238/132	122·5	102·0	84·8	46·8	323·0	0·0	18·2	13·8	21·2	38·6	94·0	97·5	962·4	104	1123·7	122
238/341	84·8	117·5	41·0	39·9	236·1	0·0	12·2	19·4	11·0	54·5	70·3	103·5	790·2	87	839·9	92
238/442	95·7	147·0	102·0	42·0	315·5	2·5	14·0	23·5	22·0	38·5	71·3	149·0	1023·0		1132·7	
238/468	217·0	187·5	106·0	48·0	242·0	1·5	11·5	30·0	18·5	73·5	66·0	178·4	1179·9	108	1174·7	107
238/616	120·0	215·0	63·0	39·5	262·0	0·5	12·5	21·5	16·0	51·0	95·7	162·5	1059·2		1062·1	
238/636	126·7	159·5	157·5	36·5	220·5	0·0	32·0	32·5	29·5	70·2	91·6	104·8	1061·3	109	1065·5	109
238/806	102·4	87·2	80·2	38·2	328·5	0·1	32·1	31·0	17·0	50·7	88·2	95·5	951·1		1013·8	
238/899	87·0	69·0	42·0	32·5	398·0	17·5	7·2	28·5	16·0	50·6	79·5	94·5	922·3		979·5	
239/ 2	114·6	125·9	107·9	32·6	150·9	0·0	11·6	31·7	20·6	88·4	103·0	128·4	915·6		959·0	
239/133	105·5	154·0	85·5	40·0	245·5	0·0	11·0	26·0	52·5	63·5	134·5	136·5	1054·5	107	1054·0	107
239/138	105·2	118·8	60·1	28·4	310·8	3·5	7·1	10·1	37·8	56·3	116·1	88·4	942·6	109	981·6	113
239/359	120·9	125·4	30·5	23·9	354·9	0·0	0·0	11·5	9·5	59·0	81·5	64·3	881·4	123	1044·1	145
239/421	118·0	117·5	78·5	48·5	188·5	0·0	6·0	17·5	14·0	74·5	86·0	124·0	873·0	109	958·0	119
239/472	116·2	112·5	32·0	35·0	339·0	2·0	4·0	29·5	51·5	81·0	151·3	96·3	1050·3	99	1134·1	108
239/482	130·1	155·0	50·8	54·9	213·8	0·6	6·9	22·6	17·0	84·7	106·9	112·0	955·3		1033·0	
239/514	193·0	148·0	83·0	72·5	220·0	0·0	5·0	30·0	0·0	126·5	151·0	179·5	1208·5	98	1343·0	109
239/518	135·8	118·3	39·1	35·1	166·8	0·0	6·5	42·1	9·0	95·4	95·5	108·1	851·7		866·3	
239/574	184·0	162·5	50·0	70·0	208·0	0·0	11·5	22·0	26·0	123·0	141·5	152·7	1151·2	98	1289·0	109
239/577	165·0	133·9	72·2	44·6	165·7	0·2	7·2	25·3	14·9	100·3	126·7	146·2	1002·2		1065·7	
239/585	216·3	94·7	25·3	41·0	164·0	5·4	0·0	18·0	17·8	59·1	103·8	104·2	849·6	106	911·6	114
239/604	158·0	138·0	47·2	67·5	196·4	1·0	18·0	20·5	28·2	101·8	125·4	130·3	1032·3		1218·1	
239/730	119·5	95·2	19·1	25·3	195·0	0·0	8·0	42·3	11·2	62·2	58·7	80·5	717·0		762·3	
240/ 14	177·5	113·0	32·8	41·0	284·4	0·0	3·5	31·0	8·2	61·0	80·0	79·3	911·7	120	970·2	128
240/ 22	96·9	104·2	34·2	27·8	374·7	3·5	2·0	22·2	41·6	61·2	73·2	72·5	914·0	125	874·8	119
240/ 31	251·4	141·8	64·0	73·2	238·6	0·0	7·5	14·4	44·6	131·8	110·6	121·4	1199·3		1359·4	
240/ 73	140·4	122·0	33·5	(9·5)	262·8	0·0	0·0	36·5	9·0	57·2	62·2	95·4	(828·5)	114	(881·6)	121
240/185	201·4	82·3	46·2	39·9	266·0	0·0	4·4	23·2	16·1	117·5	49·5	71·2	917·7		1060·9	
240/269	178·5	92·5	48·5	43·0	343·0	0·0	13·5	10·5	82·0	86·5	105·0	82·5	1085·5	113	1167·0	122
240/284	144·2	112·9	36·0	39·0	316·8	0·5	4·0	19·0	40·5	74·0	57·2	140·0	984·1	128	1045·1	137
240/381	104·9	71·6	21·0	22·2	217·4	3·5	18·2	35·1	11·0	47·9	80·5	61·9	695·2	90	716·1	93
240/404	83·0	141·5	34·5	30·0	369·0	1·0	14·5	64·0	18·0	111·0	100·0	133·5	1100·0		1041·4	
240/564	74·7	58·9	31·9	20·8	184·1	0·7	38·5	56·8	16·8	55·2	84·3	57·9	680·6	79	72··	84
240/586	121·5	75·5	35·5	40·5	205·0	4·0	20·2	45·2	31·0	94·6	72·5	101·8	847·3		957·	
240/649	107·5	69·5	42·5	41·4	202·4	0·5	85·6	21·2	47·7	95·9	77·7	87·4	879·3	92	850·2	89
240/649A	120·9	66·7	26·3	34·5	200·0	0·4	44·7	54·5	24·4	81·9	76·0	91·5	821·8		852·7	
240/680	94·5	68·0	10·5	27·5	179·0	2·5	37·1	25·6	19·8	71·3	61·7	56·3	653·8	74	698·0	80
240/682	106·0	64·6	32·3	32·0	150·0	3·0	59·1	63·2	20·3	74·5	81·0	77·9	763·9		743·4	

R E Ë N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL / QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
240/716	UMLAAS WATER WORKS	29°56′	30°54′	183	259·8	79	214·3	91	158·0	148	170·0	64
240/738	DURBAN HEIGHTS - PUR	2948	3055	137	272·9		179·0		85·8		166·4	
240/753	NDWEDWE - NAF	2933	3056	625	419·7	92	340·6	114	53·1	56	(104·2)	-
240/775	COEDMORE	2955	3056	152	293·0		220·9		185·6		191·9	
240/808	LOUIS BOTHA - WK	2958	3057	8	279·0		208·9		190·0		194·5	
240/853	MILKWOODKRAAL	2943	3059	152	242·5		179·6		69·3		191·8	
240/862	DURBAN - STELLA RSV	2952	3059	6	243·0		202·7		149·5		225·9	
240/887	EFFINGHAM	2947	3100	76	214·7		181·7		89·6		238·4	
240/891	DURBAN-BOTANICAL GARDENS	2951	3100	91	257·9		208·2		144·6		219·1	
241/ 19	DURBAN-FLORIDA ROAD-RSV	2949	3101	61	220·8		189·0		138·9		212·6	
241/ 42	MOUNT EDGECOMBE	2942	3102	104	211·1		170·6		94·7		198·7	
241/ 42A	SACCHARINE	2942	3102	104	264·8		173·7		81·8		192·5	
241/ 68	VERULAM - TNK	2938	3103	122	255·2		166·4		99·3		175·6	
241/ 72	MOUNT EDGECOMBE	2942	3103	104	243·3		158·8		91·4		215·3	
241/103	CORNUBIA	2943	3104	91	250·7		171·0		101·5		206·5	
241/131	BLACKBURN	2941	3105	15	225·4		153·2		96·6		205·2	
241/302	FRASERS	2932	3111	76	276·5		177·3		27·5		327·6	
242/644	PORT NOLLOTH	2914	1652	4	1·8	27	43·4	276	9·0	35	5·9	51
244/405	STEINKOPF - POL	2915	1744	884	0·5		133·2		34·3		4·0	
247/242	PELLA	2902	1909	594	11·0	55	50·5	165	0·0	0	0·0	0
247/656	NEELSVLEI	2926	1922	1067	33·0		30·0		0·0		0·0	
247/668	POFADDER	2908	1923	996	35·5		20·8		2·6		0·3	
249/367	DROEGROND	2907	2013	914	40·7		20·6		6·0		2·0	
250/418	KLEINSWARTBAS	2928	2044	900	61·2		44·0		1·1		0·0	
250/826	VYFBEKER	2916	2058	686	44·3		45·5		8·5		0·0	
251/261	KENHARDT	2921	2109	791	53·1	98	42·6	69	8·2	59	1·2	5
251/430	N ROUGAS - SUID	2910	2115	930	76·0		43·0		0·0		0·0	
251/476	KROMPUT	2926	2116	808	45·0		55·0		12·5		3·0	
251/586	RUGSEER	2916	2120	885	52·0		50·2		10·8		3·2	
251/674	MIDDELPOS	2914	2123	907	71·7		59·4		3·5		7·0	
252/470	CRIEFF	2920	2146	1052	90·3		32·1		7·5		20·0	
252/848	KAREELAAGTE NO2	2908	2159	1067	67·7		52·8		17·9		10·0	
252/894	BRAKBOSCHPOORT	2924	2200	1067	124·5		45·0		20·5		7·7	
253/174	MARYDALE - POL	2924	2206	1059	127·0	220	49·3	63	13·5	89	18·5	59
253/363	BOEGOEBERGDAM	2903	2213	891	79·4		66·0		41·6		29·1	
253/648	KOEGASBRUG	2918	2222	991	73·5	100	35·2	39	35·9	212	21·2	55
254/572	GOUP	2902	2250	1341	135·3		119·1		21·9		82·9	
254/589	NIEKERKSHOOP - POL	2919	2250	1143	151·9	175	75·5	73	19·2	111	54·5	131
255/471	SAXENDRIFT	2921	2316	1035	180·4		104·9		23·3		70·5	
255/552	ORANJE - OORD	2912	2319	1036	214·0		65·7		17·8		55·5	
255/626	BRAKKIES	2926	2321	1021	123·0		82·7		19·0		44·5	
255/882	VAALKRANS	2912	2330	1065	355·5		79·5		0·0		76·0	
256/141	UITLUGSPAN	2921	2335	1067	156·9		79·3		12·8		76·6	
256/240	DE HOOP	2930	2338	1143	197·4		88·5		11·0		50·3	
256/381	GERTSPAN	2921	2343	1052	156·2		140·7		5·0		0·0	
256/453	DOUGLAS - TNK	2903	2346	1030	302·7	243	158·7	133	6·5	55	71·3	114
256/586	TORQUAY	2916	2350	1067	197·4		133·6		10·9		73·3	
257/391	PLOOYSBURG	2901	2414	1082	249·9		152·2		6·5		110·9	
257/655	BELMONT - SAR	2925	2422	1215	190·5		131·5		0·0		72·0	
257/764	KOLKOP	2914	2426	1219	203·0		138·0		4·7		131·6	
257/845	EUREKA	2905	2429	1173	194·8	151	180·6	147	5·5	26	91·2	124
257/878	WAGERSKUILEN	2908	2430	1204	206·8		168·8		2·9		68·0	
258/157	RIETRIVIER - AGR	2907	2436	1140	227·1		160·6		5·7		73·1	
258/164	MICHVILLE	2914	2436	1160	261·8		156·5		4·7		121·9	
258/218	KLOKSFONTEIN - IRR	2908	2438	1145	195·0		151·5		4·3		63·0	
258/306	GANNAHOEK	2906	2441	1097	201·5		130·0		4·5		68·5	
258/335	RIETRIVIER - IRR	2905	2442	1145	238·7		136·1		8·0		90·0	
258/339	HOLPAN - IRR	2909	2442	1145	236·5		150·8		6·0		82·2	
258/380	WATERVAL - WES	2920	2443	1158	170·0		110·5		4·5		27·5	
258/399	KLIPFONTEIN - IRR	2909	2444	1145	190·5		122·3		6·5		86·5	
258/434	PRAMBERG	2914	2445	1219	253·3		159·1		6·6		96·2	
258/434A	PRAMBERG - IRR	2914	2445	1219	240·9		161·5		4·0		89·9	
258/458	JACOBSDAL - POL	2908	2445	1143	225·9	173	103·1	84	10·0	55	88·1	115
258/467	GANNAHOEK - IRR	2917	2446	1200	229·5		152·0		8·5		81·3	
258/581	WEGDRAAI	2911	2450	1173	247·5		98·5		10·5		75·5	
258/624	BOSHOFFSHOOP	2924	2451	1219	276·5		169·0		11·0		51·5	
258/740	NOOITGEDACHT - IRR	2920	2455	1200	209·7		134·2		15·4		51·5	
258/812	DE KALK	2902	2458	1097	229·2		98·2		9·6		79·0	
258/894	KOFFIEFONTEIN - POL	2924	2500	1216	259·3	183	122·5	85	13·5	58	59·0	63
259/ 2	MOUNT DUNCAN	2902	2501	1189	270·5		98·2		12·5		64·5	
259/ 86	UITDRAAI - IRR	2926	2503	1200	189·5		90·9		12·5		62·8	
259/102	WELTEVREDE	2912	2504	1234	265·5		143·3		4·0		88·2	
259/278	KROONPLAAS	2908	2510	1219	129·0		100·5		11·0		84·5	
259/348	LEYDEN	2918	2512	1265	243·8		110·0		14·0		116·0	
259/390	KALKFONTEINDAM	2930	2513	1219	253·3		123·9		6·3		96·0	
259/578	INHOEK	2908	2520	1250	159·5		122·3		17·0		5[illegible]	
259/609	LANGEFONTEIN	2909	2521	1280	230·0		141·0		16·0		9[illegible]·5	
259/727	PETRUSBURG - POL	2907	2525	1250	235·2	142	138·4	97	16·9	71	105·3	111
259/855	DANKBAAR	2915	2529	1372	205·5		148·1		23·4		95·1	
259/881	BESTERSPUT	2911	2530	1295	186·5		158·0		19·0		94·5	
260/ 4	DOORNPLAAT	2904	2531	1263	245·3		109·6		14·0		·5	
260/ 30	STEUNMEKAAR - POL	2930	2531	1341	190·0		141·0		26·0		[illegible]	
260/ 83	SMALL HEATH	2923	2533	1341	221·7		153·4		32·5		97·0	
260/163	KOPPIESDAM	2913	2536	1387	180·8		123·5		17·7		133·0	
260/314	LYONS ROSE	2914	2541	1326	224·6		118·0		20·7		91·0	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1959

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
240/716	109.2	65.2	22.4	26.1	165.8	0.2	73.9	63.9	21.0	63.5	85.5	56.8	753.5	82	734.7	80
240/738	128.3	56.5	27.8	24.2	127.0	0.0	24.5	61.3	19.8	75.7	70.9	64.4	680.4		700.8	
240/753	115.7	122.6	49.8	41.2	249.6	0.0	0.1	53.0	--	--	104.2	96.2	(832.4)	-	1214.5	104
240/775	131.6	59.0	43.5	34.7	142.7	1.4	107.2	77.0	34.2	74.2	83.5	82.4	871.4	87	792.6	79
240/808	125.2	69.3	24.0	32.7	152.2	0.0	110.4	79.6	36.6	83.3	74.6	74.6	862.5		736.0	
240/853	74.3	71.4	15.6	22.2	141.8	2.0	7.5	59.8	27.3	92.5	72.0	94.8	681.2	82	721.5	86
240/862	89.3	73.2	27.7	31.8	143.2	5.8	61.7	82.0	40.7	82.8	102.4	74.0	814.6	83	731.3	75
240/887	75.0	61.2	14.1	29.1	138.5	0.7	23.0	65.9	29.8	120.0	88.6	78.5	724.4	80	677.5	75
240/891	110.2	70.9	22.7	32.3	153.2	3.9	49.5	91.2	37.8	90.0	91.3	91.6	844.6	84	765.5	76
241/ 19	89.0	59.9	24.1	29.8	135.1	2.0	49.0	87.9	34.9	91.8	85.9	75.2	764.6	80	702.0	73
241/ 42	65.9	61.5	21.1	22.6	126.9	2.0	21.4	71.3	33.3	109.2	56.2	96.0	687.4	67	686.5	67
241/ 42A	78.5	76.3	17.8	25.4	130.5	0.2	19.2	62.4	33.3	98.2	61.0	75.2	678.0	69	723.7	74
241/ 68	72.0	83.5	17.4	20.2	128.8	1.0	30.1	68.2	39.3	96.8	39.5	105.0	701.8	75	701.5	75
241/ 72	74.9	81.8	17.4	23.4	118.0	0.4	21.2	69.8	35.5	105.6	74.2	98.5	720.7		693.2	
241/103	74.0	83.8	20.1	27.9	123.0	1.1	16.9	83.5	45.2	98.3	63.0	105.6	742.4	71	749.4	72
241/131	61.4	81.0	17.0	21.6	114.6	0.2	15.1	81.3	43.4	100.4	61.4	96.0	693.4	71	625.9	64
241/302	68.0	100.0	22.5	17.1	137.7	7.0	10.0	10.5	137.5	111.5	78.6	70.1	770.5	80	772.2	80
242/644	1.0	0.0	1.0	7.2	35.2	1.3	4.9	2.8	4.0	0.6	1.3	2.4	61.7	105	54.6	93
244/405	0.0	0.0	9.0	28.0	96.2	0.8	15.5	18.0	2.0	2.0	0.0	3.5	175.0	133	142.5	108
247/242	0.0	0.0	0.0	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.5	70	61.5	85
247/656	16.0	13.5	0.0	8.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	64.5		67.5	
247/668	4.5	6.8	0.0	9.7	11.1	1.0	0.0	1.6	0.0	0.3	0.0	6.3	41.3		59.6	
249/367	10.0	0.0	0.0	3.6	17.0	6.0	0.0	0.0	0.0	2.0	0.0	0.0	38.6		67.3	
250/418	3.5	10.9	0.0	5.5	38.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	59.5		141.4	
250/826	0.0	28.5	0.0	9.5	36.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	82.5		101.4	
251/261	7.8	24.8	6.5	5.9	30.2	6.7	0.0	1.5	0.0	0.4	0.8	6.3	90.9	59	105.7	69
251/430	0.0	21.5	6.0	6.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	66.5		130.0	
251/476	11.0	17.5	16.5	7.5	31.0	8.0	0.0	4.5	0.0	0.0	3.0	14.0	113.0	74	112.0	73
251/586	6.6	14.5	4.5	12.8	32.9	2.5	4.3	4.0	0.0	1.5	1.7	4.0	89.3		113.2	
251/674	8.1	29.0	11.5	11.7	36.2	0.0	0.0	3.5	0.0	0.0	7.0	3.0	110.0	67	155.1	94
252/470	0.0	61.1	1.2	11.3	19.6	0.0	4.3	3.2	0.0	6.8	13.2	7.1	127.8	73	150.7	86
252/848	0.0	62.2	0.0	21.4	31.5	0.0	15.2	2.7	0.0	8.0	2.0	7.6	150.5		120.5	
252/894	0.9	63.0	0.0	18.5	26.5	0.0	20.5	0.0	0.0	2.2	5.5	12.0	149.1	81	188.3	102
253/174	1.4	70.1	4.3	21.4	23.6	0.0	12.2	1.3	0.6	5.2	12.7	6.2	159.0	87	190.6	104
253/363	21.1	33.8	7.8	13.2	45.0	1.3	36.0	4.3	0.0	18.1	11.0	9.0	200.6		163.6	
253/648	8.2	25.0	3.6	11.0	23.0	0.0	34.1	1.8	0.0	11.6	9.6	14.0	139.5	64	111.2	51
254/572	31.1	58.9	25.2	33.1	60.8	3.0	18.9	0.0	0.0	11.0	71.9	52.2	366.1	124	280.4	95
254/589	28.0	35.2	20.8	18.2	36.5	0.0	19.2	0.0	0.0	13.0	41.5	29.5	241.9	97	243.4	98
255/471	24.5	75.7	23.0	28.5	48.0	1.3	22.0	0.0	0.0	7.5	63.0	29.0	327.9		315.6	
255/552	35.0	103.0	17.7	17.5	30.5	0.0	17.8	0.0	0.0	6.0	49.5	27.0	304.0		289.2	
255/626	7.5	55.5	27.0	14.0	41.7	0.0	19.0	0.0	0.0	8.0	36.5	26.0	235.2	112	247.5	118
255/882	27.0	128.5	28.5	21.0	30.0	0.0	0.0	0.0	0.0	0.0	76.0	24.0	335.0		255.0	
256/141	23.5	79.6	13.8	22.0	43.5	2.0	10.8	0.0	0.0	7.0	69.6	31.0	302.8	105	261.1	90
256/240	24.0	80.5	30.5	23.5	34.5	0.0	11.0	0.0	0.0	7.0	43.3	31.5	285.8	111	314.0	122
256/381	25.5	86.2	47.5	27.1	66.1	0.0	5.0	0.0	0.0	0.0	37.0	42.1	336.5	119	332.3	113
256/453	117.7	102.0	20.5	36.2	102.0	0.0	6.5	0.0	0.0	11.3	60.0	57.5	513.7	161	519.6	163
256/586	40.2	88.5	43.3	35.4	54.5	0.6	10.3	0.0	0.0	11.0	62.3	31.5	378.0		360.6	
257/391	104.3	66.6	43.0	46.0	63.2	0.0	6.5	0.0	0.0	13.5	97.4	92.2	532.7	167	478.1	150
257/655	25.5	101.0	18.5	16.5	96.5	0.0	0.0	0.0	0.0	10.5	61.5	100.0	430.0	148	344.5	123
257/764	44.1	77.9	11.1	45.9	81.0	0.0	4.7	0.0	0.0	35.1	96.5	84.1	480.4		438.5	
257/845	51.7	86.7	50.7	45.9	84.0	0.0	5.5	0.0	0.0	27.8	63.4	76.3	492.0	143	441.9	128
257/878	63.0	108.1	37.6	55.0	76.2	0.0	2.4	0.0	0.0	14.0	54.0	--	(410.8)		425.3	
258/157	47.2	119.3	25.0	60.0	75.6	0.5	5.2	0.0	0.0	25.5	47.6	83.4	489.3		465.9	
258/164	46.5	116.8	30.0	46.5	80.0	0.0	4.7	0.0	0.0	44.5	77.4	61.3	507.7	177	503.3	175
258/218	44.5	99.5	13.5	54.5	83.5	0.0	4.3	0.0	0.0	20.5	42.5	61.5	424.3		406.3	
258/306	27.5	92.5	23.0	43.5	63.5	0.0	4.5	0.0	0.0	21.0	47.5	67.0	390.0	115	402.0	119
258/335	46.5	102.5	25.5	56.2	54.4	0.0	8.0	0.0	0.0	36.0	54.0	80.4	463.5		453.8	
258/339	47.6	101.8	31.7	56.0	62.2	0.0	6.0	0.0	0.0	28.6	53.6	85.5	473.9		454.7	
258/380	39.0	76.5	23.5	43.0	41.0	0.0	4.5	0.0	0.0	6.5	21.0	57.9	312.9	120	332.0	127
258/399	30.5	88.5	24.0	45.5	52.8	0.0	6.5	0.0	0.0	31.5	55.0	75.0	409.3		383.0	
258/434	44.8	87.7	35.5	50.2	73.4	0.0	6.6	0.0	0.0	42.0	54.2	80.7	475.1	148	478.6	149
258/434A	45.0	88.0	38.5	50.0	73.0	0.0	4.0	0.0	0.0	35.0	54.9	58.5	444.9		476.4	
258/458	32.9	113.0	20.1	26.7	56.3	0.0	10.0	0.0	0.0	38.8	49.3	83.7	430.8	124	388.2	111
258/467	57.5	90.0	39.0	51.0	62.0	0.0	8.4	0.0	0.0	49.0	32.3	60.0	453.3		462.0	
258/581	32.0	117.5	27.5	22.5	48.5	0.0	10.5	0.0	0.0	20.5	55.0	41.5	375.5	124	402.1	133
258/624	32.5	131.5	42.0	55.5	71.5	0.0	11.0	0.0	0.0	8.5	45.0	81.3	476.8	145	505.0	154
258/740	50.2	122.3	28.3	57.5	48.4	0.2	14.9	0.3	0.0	17.5	34.0	71.8	445.4		389.1	
258/812	87.0	67.4	16.5	39.3	42.4	0.0	9.6	0.0	0.0	13.8	65.2	83.7	424.9	134	394.1	124
258/894	40.0	116.5	34.0	44.0	44.5	0.0	13.5	0.0	0.0	12.0	47.0	93.7	445.2	110	506.8	125
259/ 2	110.0	73.0	22.2	35.0	41.0	0.0	12.5	0.0	0.0	14.5	50.0	98.5	456.7		427.2	
259/ 86	33.0	88.0	21.2	37.5	32.2	0.0	12.0	0.0	0.0	9.8	53.0	69.5	356.7		374.0	
259/102	65.8	91.5	18.3	47.5	77.5	0.0	4.0	0.0	0.0	34.7	53.5	71.7	464.5		482.7	
259/278	24.8	37.7	24.5	36.5	39.5	0.0	11.0	0.0	0.0	15.0	69.5	71.0	329.5	81	294.5	72
259/348	42.5	114.3	15.0	42.0	53.0	0.0	14.5	0.0	0.0	45.5	70.5	78.5	475.3	125	440.	116
259/390	36.1	128.4	40.0	44.3	39.6	0.4	5.9	0.0	0.0	5.5	98.5	89.0	479.7		[illegible]	
259/578	46.0	61.0	33.0	49.8	39.5	0.0	17.0	0.0	0.0	19.0	40.5	60.5	375.3	87	331.5	77
259/609	38.0	100.0	50.0	47.5	43.5	0.0	14.0	0.0	0.0	16.5	76.0	82.9	470.4	112	443.0	[illegible]
259/727	63.8	112.0	54.3	52.8	31.3	0.0	14.4	0.0	0.0	40.9	64.4	68.0	504.4	115	454.1	107
259/855	51.2	98.8	49.0	53.5	45.6	0.0	23.5	0.0	0.0	37.6	57.5	65.5	482.1		24.8	
259/881	63.5	72.5	49.0	66.5	42.5	0.0	19.5	0.0	0.0	41.0	53.5	63.5	471.0	114		[illegible]
260/ 4	79.5	75.5	21.7	37.5	50.6	0.0	14.0	0.0	0.0	45.0	75.5	58.0	455.1	106	405.5	94
260/ 30	30.5	83.5	45.0	64.0	32.0	0.0	26.0	0.0	0.0	26.5	84.0	84.5	456.0	144	450.5	143
260/ 83	45.4	98.0	42.8	58.6	52.0	0.0	32.5	0.0	0.0	28.8	84.2	62.4	489.1		481.1	
260/163	39.8	74.7	25.8	59.7	38.0	0.0	17.7	0.0	0.0	47.4	85.6	65.3	454.0	97	410.6	88
260/314	93.9	69.5	38.5	42.0	37.5	0.0	20.7	0.0	0.0	28.5	62.5	50.0	443.1	101	405.6	[illegible]

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	Ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
260/519	DE BRUG - POL	29°09′	25°48′	1280	223·6	108	139·0	96	17·0	52	101·0	90
260/555	NORTHFIELD	2915	2549	1356	265·5		153·0		19·5		123·0	
260/678	KUILPUT	2918	2553	1326	211·6		128·9		17·0		107·5	
260/882	SALOPIA	2912	2600	1341	244·6		114·6		15·8		108·8	
261/146A	KAFFERRIVIER	2926	2605	1379	193·3		131·4		21·4		115·7	
261/266A	TYGERPOORTDAM	2926	2609	1379	222·5		144·7		28·0		129·5	
261/275	VREDENHOF	2905	2610	1417	286·0		161·0		20·0		124·5	
261/307	BLOEMFONTEIN - WK	2907	2611	1422	305·9		176·1		21·5		113·1	
261/365	BLOEMFONTEIN-BAYS WATER	2905	2613	1387	278·3	121	182·2	107	21·1	64	118·7	88
261/368	BLOEMFONTEIN-KING'S PARK	2908	2613	1387	333·0		173·2		17·8		89·3	
261/369	BLOEMFONTEIN - HAMILTON	2909	2613	1405	339·5		146·3		20·0		105·0	
261/426	BLOEMFONTEIN - ESTOIRE	2906	2625	1372	238·7		140·5		21·3		108·5	
261/523	GROOTVLEI - TNK	2913	2618	1340	271·3		176·5		22·0		117·0	
261/575	GENERAL HERTZOG	2905	2620	1358	(155·6)		216·4		21·9		114·8	
261/597	ERASMUSFONTEIN	2927	2620	1463	227·2		80·5		17·5		97·0	
261/722	MAZELSPOORTDAM	2902	2625	1372	281·5		176·5		25·2		123·4	
261/733	TUSSENVIER	2913	2625	1430	281·8		228·2		19·9		121·0	
261/750	NIEKERKSVLEI	2930	2625	1491	239·5		137·2		29·5		88·7	
261/789	ELBA	2909	2627	1372	278·7		186·3		26·0		130·9	
261/890	MIDDELPOORT	2920	2630	1433	209·8		126·8		22·4		117·9	
262/129	LIKATLONG	2909	2635	1341	256·1	111	181·6	113	28·5	88	114·3	86
262/166	RUSTFONTEINDAM	2916	2636	1382	161·2		143·1		11·0		97·6	
262/207	RIETFONTEIN	2927	2637	1524	272·6		146·0		33·0		99·0	
262/314	KROMDRAAI	2914	2641	1402	223·0		189·7		35·0		113·3	
262/353	KILMARNOCH	2923	2642	1463	229·0		169·8		33·5		100·4	
262/479	THE CLIFF	2929	2646	1509	260·0		160·0		49·0		100·4	
262/613	THABA NCHU - MUN	2913	2651	1524	320·5		186·5		45·5		136·5	
262/694	NORTH END	2904	2654	1509	234·0	100	177·9	112	33·1	100	200·7	148
262/813	RAKHOI	2903	2659	1525	268·2		205·2		38·5		190·1	
263/ 14	HEATHFIELD	2914	2701	1631	207·1		217·4		44·1		149·3	
263/ 41	TWEESPRUIT	2911	2702	1597	173·0		191·6		39·0		174·3	
263/ 47	SHEENSPOST	2917	2702	1600	253·1		206·5		43·0		145·0	
263/ 57	ENGLAND	2927	2702	1524	275·6		183·7		32·8		101·7	
263/228	YAXHAM	2918	2708	1524	247·7		236·8		33·5		109·8	
263/255	BRAKFONTEIN	2915	2709	1585	226·5		218·8		47·5		176·5	
263/280	WESTMINSTER ESTATE	2910	2710	1615	238·0		182·5		51·5		175·5	
263/313	BROXTON	2913	2711	1500	231·2	85	207·7	102	49·6	125	168·3	95
263/314	BURGUNDY	2914	2711	1615	219·4		176·0		44·0		157·5	
263/316	WARGUNDY	2916	2711	1615	221·0		214·9		49·0		163·2	
263/373	WATERLAND	2913	2713	1615	207·0		150·7		49·0		193·4	
263/487	ZORGVLIET	2907	2717	1646	254·5		197·0		39·5		149·0	
263/499	COMMISSIEPOORT	2919	2717	1658	298·5		270·5		51·0		160·5	
263/520	RUST - U - MARIE	2910	2718	1661	182·6		97·3		52·5		172·3	
263/567	CONVAMORE	2927	2719	1539	273·5		194·4		47·5		152·5	
263/754	BORNEO	2904	2726	1646	213·0		223·5		50·0		157·2	
263/760	LADYBRAND - BOS	2910	2726	1612	224·4	79	262·6	130	50·8	128	135·5	71
263/786	MODDERPOORT - PRIORY	2906	2727	1610	235·7		282·7		61·4		171·6	
263/792	LADYBRAND - SKL	2912	2727	1612	228·3		259·8		51·8		149·0	
263/859	MASERU	2919	2729	1571	222·7	78	216·9	114	49·4	128	157·2	91
264/ 22	BOTSABELO	2922	2731	1646	260·1		248·8		40·6		188·8	
264/ 42	UITKOMST	2912	2732	1525	219·4		267·1		53·0		165·6	
264/272	BOLITHO	2902	2740	1555	170·5		238·0		58·5		133·0	
264/399	TEYATEYANENG	2909	2744	1753	334·0		281·5		54·2		96·5	
265/148	LIKALANENG	2928	2805	2134	429·4		388·0		119·0		258·7	
267/137	MOKHOTLONG	2917	2905	2375	(130·6)		237·5		37·6		228·2	
267/887	GIANT S CASTLE	2917	2930	1981	511·5		214·5		40·1		289·0	
268/352	KAMBERG NATURE RESERVE	2922	2942	1525	593·5		363·4		32·5		210·5	
268/441	EAST MESHLYN	2921	2945	1585	559·5	115	322·0	142	36·0	71	180·8	83
268/631	ESTCOURT - AGR	2901	2952	1181	377·1		151·4		21·2		244·0	
268/845	GLENIFFER	2905	2959	1494	298·2		192·2		26·6		225·4	
268/862	NOTTINGHAM ROAD	2922	2959	1438	613·0	160	291·1	156	37·0	86	152·0	70
269/101	SARSGROVE	2911	3004	1555	373·5	116	242·9	148	24·7	64	150·8	78
269/597	WALDEN	2927	3020	730	547·3		267·9		29·5		215·7	
269/716	RAMBLEHOLM	2926	3024	683	517·3		290·0		7·0		165·0	
270/ 21	NEW HANOVER	2921	3031	791	653·3	167	321·9	147	21·6	36	230·8	96
270/119	WINDY HILL - NO 2	2929	3034	640	577·4		366·4		28·5		278·0	
270/282	MISTLEY	2912	3040	975	494·6		280·0		37·4		247·6	
270/544	BOSCOMBE	2904	3049	1219	549·2		278·2		23·0		316·7	
270/722	GLEN ELAND	2902	3055	1036	439·9		184·5		37·3		287·5	
271/ 99	MAPUMULO - TNK	2909	3104	427	411·2	81	267·6	86	52·7	56	297·5	81
271/500	STANGER	2920	3117	122	318·2		214·7		115·8		270·1	
272/121	GINGINDHLOVU	2901	3135	46	234·6	60	171·1	60	150·3	116	297·9	103
272/127	AMATIKULU	2907	3135	110	251·5		170·2		159·0		271·5	
272/272	FAIRBREEZE ESTATES	2902	3140	67	229·0		215·7		176·5		330·9	
274/ 34	ALEXANDER BAY - WK	2834	1632	21	14·2		34·7		10·5		5·3	
276/ 72	WIOOLSDRIFT	2842	1733	245	41·5		19·4		1·7		0·0	
277/177	HENKRIESFONTEIN	2857	1806	335	14·0		21·8		1·4		1·0	
279/497	ONSEEPKANS	2847	1917	305	55·2		14·3		2·5		0·0	
280/772	BLADGROND	2852	1956	915	37·3		28·3		7·5		2·0	
281/760	RHENOSTERKOP	2840	2026	640	38·0		51·5		0·0		0·	
282/166	KAKAMAS - SKL	2846	2036	640	50·4	114	44·8	83	4·5	38	7·8	
282/464	VAALHOEK	2844	2046	900	47·2		42·5		0·0		6·0	
283/ 98	GEELKOP	2838	2104	900	33·4	61	39·9	62	3·6	35	13·8	70
283/334	LOUISVALE	2834	2112	781	48·7		(29·1)		2·3		21·4	
283/466	RIETFONTEIN	2846	2116	850	59·6		66·7		4·2		9·9	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
260/519	62·0	96·6	30·5	49·5	59·0	0·0	17·0	0·0	0·0	32·0	69·0	128·0	543·6	110	438·4	88
260/555	95·5	93·0	24·5	73·0	55·5	0·0	19·5	0·0	0·0	38·0	85·0	98·5	582·5	120	581·5	120
260/678	72·9	72·5	27·8	60·2	40·9	0·0	17·0	0·0	0·0	39·5	68·0	80·5	479·3	104	475·8	104
260/882	61·4	106·1	24·0	46·7	43·9	0·0	15·8	0·0	0·0	27·3	81·5	128·2	534·9	116	506·1	110
261/146A	85·3	66·3	46·0	44·5	40·9	0·0	21·4	0·0	0·0	40·9	74·8	132·4	552·5		474·9	
261/266A	106·3	68·5	32·8	52·4	59·5	0·0	28·0	0·0	0·0	43·9	85·6	119·6	596·6	131	544·7	119
261/275	78·0	116·0	33·0	63·5	64·5	0·0	20·0	0·0	0·0	40·0	84·5	130·0	629·5	108	582·0	100
261/307	84·0	124·0	32·5	79·9	63·7	0·1	21·4	0·0	0·0	32·6	80·5	172·1	690·8	123	680·3	121
261/365	81·8	108·3	30·3	82·3	69·6	0·0	21·1	0·0	0·0	38·1	80·6	163·6	675·7	119	654·3	115
261/368	88·2	132·3	29·2	80·3	63·7	0·0	17·8	0·0	0·0	30·2	59·1	183·0	683·8	124	727·2	132
261/369	94·5	130·0	32·1	89·0	25·2	0·0	20·0	0·0	0·0	28·0	77·0	(96·0)	(591·8)		674·3	
261/426	70·5	90·7	17·0	74·0	49·5	0·0	21·3	0·0	0·0	34·5	74·0	127·5	559·0	119	529·5	113
261/523	80·0	127·5	41·5	84·5	50·5	0·0	22·0	0·0	0·0	44·0	73·0	133·0	656·0		579·8	
261/575	64·7	90·9	64·0	91·8	60·6	0·0	21·9	0·0	0·0	33·3	81·5	154·1	662·8		-	
261/597	93·1	57·3	25·5	33·0	22·0	0·0	17·5	0·0	0·0	32·5	64·5	174·8	520·2		455·6	
261/722	73·7	117·6	52·1	65·8	58·6	0·2	25·0	0·0	0·0	39·6	83·8	121·0	637·4	122	610·3	117
261/733	116·2	114·4	51·5	122·5	54·2	0·0	19·9	0·0	0·0	44·0	77·0	149·2	748·9	149	627·7	125
261/750	106·4	61·5	42·2	59·5	35·5	0·0	29·5	0·0	0·0	32·7	56·0	196·7	620·0	128	551·7	114
261/789	111·0	82·5	64·7	67·5	54·1	0·0	26·0	0·0	0·0	35·6	95·3	130·2	656·9		644·2	
261/890	89·9	77·0	0·0	78·0	48·8	0·0	22·4	0·0	0·0	44·0	73·9	158·1	592·1	117	461·8	91
262/129	107·4	67·0	50·5	73·1	58·0	0·0	28·5	0·0	0·0	33·8	80·5	119·8	618·6	111	637·8	114
262/166	30·5	35·2	48·6	61·6	32·9	0·0	11·0	0·0	0·0	34·7	62·9	103·5	420·9		448·0	
262/207	114·6	74·0	41·5	66·5	38·0	0·0	33·0	0·0	0·0	38·0	61·0	183·0	649·6	110	655·4	111
262/314	78·0	87·0	26·5	96·7	66·5	0·0	35·0	0·0	0·0	39·0	74·5	116·5	619·7	121	610·2	119
262/353	94·0	64·0	58·5	74·5	36·8	0·0	33·5	0·0	0·0	35·0	65·4	99·0	560·7		610·8	
262/479	95·3	51·3	42·0	82·8	35·2	0·0	49·0	0·0	0·0	45·2	55·2	121·6	577·6	108	641·9	120
262/613	74·5	57·0	59·5	86·5	40·5	0·0	45·5	0·0	0·0	50·5	86·0	137·5	637·5	113	757·0	135
262/694	71·9	61·1	53·6	64·4	59·9	0·0	33·1	0·0	0·0	107·1	93·6	188·3	733·0	131	552·1	98
262/813	86·9	57·2	83·5	68·3	53·4	0·0	38·5	0·0	4·5	101·7	83·9	140·4	718·3		638·5	
263/ 14	86·2	39·8	85·7	80·6	51·1	0·3	43·8	0·0	9·2	54·1	86·0	152·0	688·8	102	641·0	95
263/ 41	58·3	39·0	58·1	83·3	50·2	0·0	39·0	0·0	9·0	89·7	75·6	125·9	628·1	105	525·6	88
263/ 47	94·5	75·0	67·5	88·0	51·0	0·0	43·0	0·0	8·5	51·5	85·0	122·0	686·0	117	661·1	112
263/ 57	82·0	113·7	69·6	70·4	43·7	0·5	32·3	0·0	3·2	37·5	61·0	107·8	621·7		670·6	
263/228	73·5	64·2	86·8	99·5	50·5	0·0	33·5	0·0	10·0	23·0	76·8	120·0	637·8	104	650·5	107
263/255	76·5	48·1	84·8	77·5	56·5	0·0	47·5	0·0	10·0	78·0	88·5	131·5	698·9	115	621·6	102
263/280	85·5	55·0	56·5	73·0	53·0	0·0	51·5	0·0	12·5	67·0	96·0	106·2	656·2	100	647·5	99
263/313	92·5	44·0	83·8	75·3	48·6	0·6	49·0	0·0	11·5	76·5	80·3	127·5	689·6	99	649·3	94
263/314	70·1	53·5	68·0	64·0	44·0	0·0	44·0	0·0	8·5	79·0	70·0	124·0	625·1	90	508·4	86
263/316	73·7	48·5	86·8	80·5	47·6	0·0	49·0	0·0	7·0	77·2	79·0	129·7	679·0	113	597·6	100
263/373	66·5	52·5	63·7	55·0	32·0	0·0	49·0	0·0	8·5	94·9	90·0	116·0	628·1	100	543·4	87
263/487	102·0	60·0	67·0	83·5	46·5	0·0	39·5	0·0	10·0	54·5	84·5	81·0	628·5	110	609·0	107
263/499	97·0	81·0	130·5	98·0	42·0	0·0	51·0	0·0	13·0	48·0	99·5	141·5	801·5	129	773·6	124
263/520	76·5	34·4	21·5	58·3	17·5	2·0	50·5	0·0	0·0	50·8	121·5	107·0	540·0	86	434·2	69
263/567	98·0	68·5	69·5	89·4	35·5	0·0	47·5	0·0	6·0	56·0	90·5	134·9	695·8	118	762·7	129
263/754	100·5	49·5	72·5	90·5	60·5	4·0	46·0	0·0	12·5	54·0	90·7	156·0	736·7	105	654·9	90
263/760	86·9	48·5	98·0	102·5	62·1	1·3	49·5	0·0	0·0	38·5	97·0	143·0	727·3	103	629·1	89
263/786	107·3	48·0	78·4	128·6	75·7	3·0	58·4	0·0	9·0	67·9	94·7	167·9	838·9		692·6	
263/792	66·4	81·7	88·2	108·8	62·8	0·0	51·8	0·0	11·0	47·0	91·0	144·2	752·9	108	654·1	94
263/859	79·4	51·1	69·7	95·2	52·0	0·4	48·8	0·2	4·5	65·8	86·9	141·2	695·2	101	640·5	93
264/ 22	85·1	67·0	93·4	103·8	51·6	0·8	39·7	0·1	8·7	64·4	95·7	138·5	768·8	79	713·1	74
264/ 42	81·8	37·0	76·9	126·6	63·6	0·0	53·0	0·0	8·5	68·8	88·3	109·4	713·9		623·3	
264/272	74·0	43·5	65·5	79·5	93·0	0·0	58·5	0·0	8·0	48·5	76·5	175·0	722·0	106	(524·0)	-
264/399	160·0	91·5	79·0	112·5	90·0	2·0	52·2	0·0	6·0	57·5	33·0	179·3	863·0		796·0	
265/148	131·3	111·7	82·5	155·0	150·5	8·0	111·0	0·0	12·0	128·2	118·5	153·0	1161·7		1090·9	
267/137	59·2	71·4	44·4	62·2	130·9	5·6	27·7	4·3	2·3	100·6	125·3	98·3	732·2		(373·7)	
267/887	214·5	134·0	64·5	60·5	89·5	1·6	16·5	22·0	2·5	73·0	213·5	219·2	1111·3		958·1	
268/352	147·3	141·3	78·5	63·7	221·2	0·0	14·7	17·8	12·7	75·3	122·5	151·2	1046·2		1166·2	
268/441	125·0	103·0	109·0	56·0	157·0	1·0	19·5	15·5	7·5	50·2	123·1	125·0	881·8	90	1110·4	113
268/631	92·7	172·5	28·3	56·5	66·6	0·4	18·0	2·8	9·9	121·8	112·3	91·4	773·2		729·7	
268/845	91·1	116·7	25·3	61·6	105·3	1·6	13·0	12·0	6·0	112·2	108·2	89·7	742·7	101	663·2	90
268/862	206·3	220·4	80·4	52·2	158·5	0·8	13·3	22·9	12·0	61·6	78·4	91·4	998·2	120	1137·0	128
269/101	92·9	163·4	70·1	57·3	115·5	0·0	16·4	8·3	9·3	70·9	70·6	57·4	742·1	103	781·0	108
269/597	185·9	134·1	58·2	58·8	150·9	0·1	4·6	24·8	34·2	79·4	102·1	122·5	955·6		1068·2	
269/716	166·0	162·5	28·0	74·0	188·0	0·0	7·0	0·0	24·5	75·0	65·5	197·5	988·0	124	1058·8	133
270/ 21	159·3	183·0	57·5	56·0	208·4	0·0	5·9	15·7	49·0	86·5	95·3	168·6	1085·2	119	1182·0	130
270/119	216·9	127·0	57·7	70·2	238·5	0·0	5·0	23·5	46·2	133·3	98·5	109·0	1125·8	111	1296·9	123
270/282	111·0	186·9	39·2	50·8	190·0	0·0	10·1	27·3	28·3	124·7	94·6	141·1	1004·0		1001·0	
270/544	157·7	229·0	52·2	56·4	169·6	0·0	13·0	10·0	48·5	134·2	134·0	144·5	1149·1	104	1113·2	100
270/722	149·4	157·0	24·0	35·5	125·0	0·0	7·5	29·8	42·0	140·5	105·0	130·0	945·7	99	875·2	91
271/ 99	130·5	141·9	39·7	40·2	187·7	9·0	0·3	43·4	46·2	139·5	111·7	102·1	992·1	78	969·7	76
271/500	85·4	114·8	17·6	33·3	163·8	0·4	2·8	112·6	30·8	139·9	99·4	95·0	895·8	83	882·3	82
272/121	78·0	79·4	27·6	22·5	121·0	19·2	4·5	125·6	63·6	148·5	85·8	136·5	913·2	83	779·3	71
272/127	93·0	86·5	31·2	14·0	125·0	7·5	15·0	136·5	69·5	125·5	76·5	121·0	901·2	78	730·2	63
272/272	120·0	50·0	49·5	20·5	145·7	11·5	15·0	150·0	108·5	126·0	96·4	219·1	1112·2	86	953·2	72
274/ 34	0·9	0·1	0·0	4·5	30·2	4·5	3·1	2·9	2·1	2·2	1·0	2·2	53·7		55·6	
276/ 72	0·0	0·0	4·0	0·0	15·4	0·0	1·7	0·0	0·0	0·0	0·0	0·0	21·1		61·5	
277/177	0·0	4·0	0·0	5·0	16·8	1·2	0·1	0·1	0·0	0·0	1·0	0·0	28·2		(37·0)	
279/497	3·6	14·6	0·0	8·3	6·0	2·5	0·0	0·0	0·0	0·0	0·0	0·0	35·0		73·[illegible]	
280/772	7·2	16·5	0·0	9·3	19·0	7·5	0·0	0·0	0·0	2·0	0·0	0·0	61·5	50	73·	59
281/760	9·0	21·0	10·0	9·5	32·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	81·5		89·5	
282/166	6·3	12·7	2·5	8·1	34·2	4·2	0·0	0·3	0·0	0·5	7·3	7·6	83·7	64	99·9	76
282/464	0·0	26·5	0·0	16·5	26·0	0·0	0·0	0·0	0·0	6·0	0·0	7·5	82·5		89·7	
283/ 98	5·0	12·1	0·6	18·0	21·3	1·7	1·5	0·4	0·0	13·0	0·8	6·0	80·4	54	85·0	57
283/334	19·6	18·0	·-	14·8	14·3	2·3	0·0	0·0	0·0	20·4	1·0	16·9	(107·3)		(86·7)	
283/466	17·9	16·6	13·5	32·1	21·1	1·0	2·5	0·7	0·0	7·5	2·4	30·6	145·9	85	130·8	77

R E Ë N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
284/ 8	THORNLEA	28°38'	21°31'	884	94·9	139	41·0	45	5·8	56	29·5	86
284/361	WILGENHOUTSDRIFT	2831	2143	838	57·7		33·1		13·5		20·0	
284/419	KAMEELPOORT	2859	2144	945	63·7		39·7		0·0		11·3	
285/233	TSEBE	2853	2208	900	31·4		77·7		39·7		56·6	
285/742	PILE HILL - SKL	2852	2225	1219	43·7		106·5		26·3		54·5	
286/ 20	BRECKENRIDGE	2850	2231	1065	73·5		78·0		26·5		32·0	
286/300	WESTFIELD	2900	2240	1220	82·7		126·5		28·0		59·0	
286/497	RANGE	2847	2247	1189	160·4		114·1		10·0		84·6	
287/ 41	ONDER - ONGELUK	2841	2302	1311	149·2	123	94·0	73	4·2	21	21·0	34
287/138	NIETENA	2848	2305	1341	(162·5)		61·4		0·0		--	
287/175	ONDERPLAAS	2855	2306	1220	189·0		98·4		8·8		91·8	
287/314	RELIANCE	2844	2311	1387	197·3		118·5		3·5		40·5	
287/441	GRIQUATOWN - TNK	2851	2315	1311	228·0	189	55·5	47	6·0	48	66·5	126
287/574	LEEUVLEI	2834	2320	1524	249·3		87·6		3·5		61·5	
287/885	POPLARS	2845	2330	1433	210·8		100·5		4·3		41·5	
288/ 54	KOEKAMA	2854	2332	1311	197·1		121·9		9·3		49·1	
288/378	CAMPBELL	2848	2343	1250	190·3		131·3		8·5		59·9	
288/416	KALKDAM	2856	2344	1067	207·5		127·0		0·0		34·0	
288/528	TWEEFONTEIN	2848	2348	1204	155·4		114·5		2·9		52·8	
288/610	SALMONSFONTEIN	2840	2351	1417	148·9		150·9		14·0		47·5	
289/ 22	SANDDRIF	2852	2401	1065	207·1		129·4		0·0		70·0	
289/102	SCHMIDTSDRIF	2842	2404	991	178·0		107·5		2·5		46·0	
289/243	MUIRTON	2833	2409	990	221·1		101·8		1·2		55·0	
289/796	KAREEPAN	2846	2427	1185	275·4		138·0		5·0		82·6	
290/ 32	BARKLY WEST - TNK	2832	2432	1204	197·9	119	46·5	35	14·0	74	66·5	92
290/191	PLATFONTEIN	2841	2437	1128	299·0		100·0		0·0		94·5	
290/468	KIMBERLEY - WK	2848	2446	1197	270·7		128·0		12·7		76·1	
290/560	BENFONTEIN	2850	2449	1189	228·2		106·6		11·0		63·0	
290/810	DRIEPUTS	2900	2457	1173	265·0		113·0		12·0		66·5	
291/ 32	STERKSTROOM	2832	2502	1220	327·0		84·5		11·5		75·6	
291/ 77	BOTHASHOEK	2847	2503	1189	244·5		144·0		13·5		100·5	
291/148	PERDEBERG - SAR	2858	2505	1173	226·8		116·4		15·5		98·5	
291/159	KROMRAND	2839	2506	1280	257·0		(83·5)		13·0		98·0	
291/178	THORNBURY	2858	2506	1173	225·5		144·5		15·5		98·0	
291/245	LEEUFONTEIN	2835	2509	1250	265·0		98·0		11·5		103·0	
291/290	KENSINGTON	2850	2510	1189	278·7		79·0		10·0		68·5	
291/313	WATERPASLAAGTE	2843	2511	1250	271·5		133·0		11·0		143·3	
291/360	GROENPUNT	2900	2512	1143	233·3		131·5		19·0		123·1	
291/392	BOSHOF - TNK	2832	2514	1258	176·5	96	92·9	65	13·0	59	125·5	150
291/415	BANKSDRIFT	2855	2514	1189	226·0		149·4		12·5		81·6	
291/582	ZWOL	2842	2520	1189	211·8		94·5		11·5		123·1	
291/593	AMANDELDAM	2853	2520	1260	(218·5)		109·0		9·5		80·5	
291/708	RONDEFONTEIN	2848	2524	1219	243·9		115·3		12·0		125·4	
291/758	CONTENT	2838	2526	1250	255·6		120·4		14·5		107·3	
291/899	KATDOORNPUT	2859	2550	1219	332·8		245·4		0·0		83·7	
292/ 43	BEGINSEL	2843	2532	1215	174·4		86·1		10·6		76·5	
292/461	DEALESVILLE - MAG	2841	2546	1250	314·5		146·5		17·0		138·9	
292/606	KLIPPAN	2836	2551	1215	336·5		108·6		19·5		120·7	
292/797	SWARTLAAGTE	2847	2557	1280	286·9		111·6		17·0		115·5	
293/ 7	MIDDELKOP	2837	2601	1307	247·2		119·8		16·6		109·0	
293/106	FLORISBAD	2846	2604	1310	223·4	116	(103·6)	-	(17·8)	-	132·1	120
293/204	DONKERHOEK	2854	2607	1597	265·5	124	138·5	91	14·0	56	132·0	112
293/339	SALZMANSPAN	2839	2612	1317	192·8		144·8		20·0		85·1	
293/403	VOORUITSIG	2843	2614	1340	224·2		130·0		24·0		123·3	
293/514	BOESMANSBERG	2834	2618	1415	252·1		156·9		23·5		125·5	
293/597	GLEN COLLEGE - AGR	2857	2620	1304	238·9	109	135·4	93	25·3	89	122·3	94
293/622	KAREE	2852	2621	1366	311·8		132·0		30·0		133·5	
293/700	ESBACHSKOP	2840	2624	1372	373·5		131·5		22·5		128·0	
293/792	BRANDFORT - MAG	2842	2627	1402	358·5	147	112·4	70	28·3	100	125·3	94
294/ 52	VLAKFONTEIN	2852	2632	1396	277·4		131·7		30·0		120·9	
294/154	BELLEVUE	2834	2636	1394	239·5		130·8		36·0		95·0	
294/233	IDOMIA	2853	2638	1402	221·5		145·0		32·5		139·6	
294/400	KOOLKLIP	2840	2644	1370	254·0		133·0		51·0		75·5	
294/417	FRANCINA	2857	2644	1509	288·5		181·0		34·0		129·6	
294/481	ERFENIS DAM	2831	2647	1370	234·4		167·7		43·1		114·8	
294/500	VERKEERDEVLEI - POL	2850	2647	1454	204·6		163·0		45·7		136·2	
294/651	LEVINA	2851	2652	1440	187·5		119·5		30·0		156·5	
294/826	DRIEKOP	2846	2658	1387	231·8		143·0		37·5		195·5	
294/847	DOORNPOORT	2837	2659	1372	196·3		200·6		45·3		119·9	
295/ 1	WINBURG - POL	2831	2701	1433	215·4	82	224·5	140	37·5	131	126·5	87
295/116	EXCELSIOR	2856	2704	1463	311·5		143·5		38·5		113·0	
295/139	SKIMPERSVLEI	2849	2705	1417	(194·5)		(118·0)		26·0		118·7	
295/174	ANONIEM	2854	2706	1463	278·0		156·9		35·0		142·5	
295/254	MAREE	2844	2709	1433	278·1		165·0		44·0		112·1	
295/405	POT - THE - RED	2845	2714	1490	257·5		237·0		47·5		142·5	
295/408	MORESON	2848	2714	1448	288·0	106	225·1	133	52·8	166	124·0	76
295/413	DANGER POINT	2853	2714	1524	285·7		178·7		28·0		127·2	
295/539	MEQUATLINGSNEK	2859	2718	1555	278·6		217·5		54·1		117·4	
295/558	FLORA	2848	2719	1524	311·3	105	248·7	140	47·0	152	135·	78
295/720	BARLETTA	2900	2724	1676	311·5		261·4		65·5		146·0	
295/760	MARQUARD - SKL	2840	2726	1509	276·9		194·4		32·5		136·5	
295/770	BELMONT	2850	2726	1615	339·7		257·8		52·7		159·0	
295/807	KEBLE	2857	2727	1676	272·4		263·6		49·9		144·0	
296/115	CLOCOLAN - POL	2855	2734	1600	309·5		248·7		54·2		157·0	
296/157	SUNNY HILLS	2837	2736	1675	247·0		287·2		47·5		171·0	

REËNVAL RAINFALL

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1959

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC MM	JAAR JAN 1959 DEC PER	YEAR JUL 1958 JUN 1959 MM	YEAR JUL 1958 JUN 1959 PER
284/ 8	23.3	36.2	12.5	11.7	16.8	5.8	0.0	0.0	0.0	23.5	6.0	32.5	168.3	82	141.7	69
284/361	25.5	19.5	4.0	4.8	24.3	6.0	7.5	0.0	0.0	16.5	3.5	0.0	111.6		105.5	
284/419	2.0	35.2	0.0	17.7	22.0	0.0	0.0	0.0	0.1	8.5	2.7	6.5	94.7		103.5	
285/233	0.0	25.0	23.7	17.0	37.0	0.0	39.7	0.0	5.6	35.5	15.5	16.2	215.2		127.6	
285/742	8.2	24.0	42.5	18.0	46.0	0.0	26.3	0.0	0.0	23.0	31.5	24.0	243.5	111	158.7	72
286/ 20	11.0	56.0	3.5	26.0	48.5	3.5	23.0	0.0	0.0	32.0	0.0	43.0	246.5		184.0	
286/300	14.5	55.7	51.0	22.2	53.3	6.5	21.5	0.0	0.0	18.0	41.0	38.0	321.7		238.7	
286/497	59.7	54.8	32.7	28.2	53.2	3.0	7.0	0.0	0.0	15.0	69.6	65.3	388.5		329.2	
287/ 41	60.0	63.5	13.0	28.0	53.0	0.0	4.0	0.2	0.0	21.0	0.0	78.0	320.7	97	309.7	94
287/138	17.8	144.7	9.9	16.5	35.0	0.0	0.0	0.0	0.0	--	--	--	(223.9)		381.0	
287/175	9.9	128.1	35.2	23.1	40.1	0.0	8.8	0.0	0.0	41.7	50.1	60.5	397.5		309.0	
287/314	27.7	96.4	34.5	51.3	32.7	0.0	3.5	0.0	0.0	14.5	26.0	(5.6)	(292.2)		356.3	
287/441	7.5	122.5	15.5	24.0	16.0	0.0	6.0	0.0	0.0	11.0	55.5	59.7	317.7	103	311.0	101
287/574	48.5	112.8	9.0	33.0	45.6	0.0	3.5	0.0	0.0	25.5	36.0	86.0	399.9		388.8	
287/885	21.9	121.7	11.6	39.6	49.3	0.0	4.3	0.0	0.0	23.5	18.0	54.5	344.4	93	368.8	100
288/ 54	12.8	122.1	42.7	37.6	41.6	0.0	9.3	0.0	0.0	19.3	29.8	63.0	378.2		381.8	
288/378	23.4	121.3	16.4	50.1	64.8	0.0	8.0	0.5	1.0	26.6	32.3	83.6	428.0	133	365.8	114
288/416	38.0	102.0	30.5	41.5	55.0	0.0	0.0	0.0	0.0	9.0	25.0	56.5	357.5	137	364.5	140
288/528	17.2	60.5	9.0	45.8	59.7	0.0	2.7	0.2	0.4	18.9	33.5	52.7	300.6	97	324.3	104
288/610	31.8	79.5	34.4	43.6	72.9	0.0	10.0	4.0	0.0	24.0	23.5	57.5	381.2	132	368.8	128
289/ 22	84.3	91.5	21.1	37.0	71.3	0.0	0.0	0.0	0.0	34.0	36.0	63.0	438.2		392.8	
289/102	42.0	80.0	2.0	52.0	53.5	0.0	2.5	0.0	0.0	23.0	23.0	56.5	334.5	111	378.0	125
289/243	39.6	135.0	32.6	23.0	46.2	0.0	1.2	0.0	0.0	15.5	39.5	83.5	416.1		355.6	
289/796	88.4	92.0	37.0	39.5	61.5	0.0	5.0	0.0	0.0	13.5	69.1	97.2	503.2		480.7	
290/ 32	58.9	105.0	0.0	24.0	22.5	0.0	14.0	0.0	0.0	15.0	51.5	83.0	373.9	95	281.4	72
290/191	110.5	125.0	21.0	58.0	21.0	0.0	0.0	0.0	0.0	52.0	42.5	79.5	509.5	150	450.0	132
290/468	100.1	80.5	17.6	47.4	63.0	0.0	12.6	0.1	0.0	31.9	44.2	136.1	533.5		467.3	
290/560	87.5	75.3	18.3	42.4	45.9	0.0	11.0	0.0	0.0	27.5	35.5	94.0	437.4	109	382.1	95
290/810	122.5	85.5	37.5	35.0	40.5	0.0	12.0	0.0	0.0	16.5	50.0	85.0	484.5	145	446.0	133
291/ 32	60.5	102.0	16.5	42.0	26.0	0.0	11.5	0.0	0.0	25.0	50.6	92.5	426.6	114	438.5	117
291/ 77	60.0	71.0	30.0	61.0	53.0	0.0	13.5	0.0	0.0	34.0	66.5	105.0	494.0		442.0	
291/148	81.5	89.0	34.5	40.7	41.2	0.0	15.5	0.0	0.0	27.5	71.0	85.0	485.9	126	411.5	106
291/159	48.0	106.0	23.5	(18.0)	42.0	0.0	13.0	0.0	0.0	44.5	53.5	62.6	(411.1)	104	(381.0)	97
291/178	71.0	98.0	52.5	49.5	42.5	0.0	15.5	0.0	0.0	23.5	74.5	79.5	506.5	131	435.0	112
291/245	74.2	99.3	27.5	37.5	33.0	0.0	11.5	0.0	0.0	31.0	72.0	108.0	494.0	121	417.5	102
291/290	65.5	79.0	7.0	35.5	36.5	0.0	10.0	0.0	0.0	23.0	45.5	83.1	385.1		406.7	
291/313	79.0	98.5	34.5	67.0	31.5	0.0	11.0	0.0	0.4	53.8	89.1	95.0	559.8		459.2	
291/360	73.7	80.1	39.5	43.0	49.0	0.0	19.0	0.0	0.0	49.1	74.0	76.0	503.4	133	417.0	110
291/392	60.5	51.0	23.0	42.0	27.9	0.0	13.0	0.0	0.0	30.8	84.7	98.5	431.4	100	330.2	77
291/415	62.0	94.0	49.5	60.4	39.5	0.0	12.5	0.0	0.0	21.6	60.0	80.5	480.0		459.5	
291/582	71.8	52.5	17.5	35.5	41.5	0.0	11.5	0.0	0.0	47.0	76.1	90.5	443.9		384.3	
291/593	(30.0)	87.5	34.5	39.5	35.0	0.0	9.5	0.0	0.0	19.0	61.5	71.5	(388.0)		(354.5)	
291/708	90.1	76.4	30.5	55.6	29.2	0.0	12.0	0.0	0.0	26.7	98.7	160.8	580.0	153	420.4	110
291/758	83.2	62.0	27.4	56.0	37.0	0.0	14.5	0.0	0.0	51.8	55.5	92.5	479.9		440.0	
291/899	46.5	105.5	72.4	97.9	75.1	0.0	0.0	0.0	0.0	53.5	30.2	--	(481.1)	122	653.4	165
292/ 43	44.9	65.0	13.0	46.0	27.1	0.0	10.6	0.0	0.0	35.0	41.5	80.6	363.7		309.6	
292/461	81.5	111.0	50.0	73.0	23.5	0.0	17.0	0.0	0.0	44.2	94.7	87.5	582.4	141	540.5	132
292/606	105.5	62.5	25.5	67.6	15.5	0.0	19.5	0.0	0.0	37.5	85.2	80.7	497.5	111	509.3	114
292/797	81.0	138.0	30.1	78.5	3.0	0.0	17.0	0.0	0.0	24.0	91.5	87.2	550.3		509.9	
293/ 7	86.7	80.0	48.5	62.5	9.0	0.0	16.6	0.0	0.0	36.0	73.0	80.3	492.4	117	418.5	97
293/106	84.5	82.1	31.0	72.6	--	--	17.8	0.0	0.0	50.8	81.3	53.0	(473.1)	-	(377.6)	-
293/204	61.5	110.0	37.0	76.5	25.0	0.0	14.0	0.0	0.0	43.5	88.5	118.4	574.4	113	502.0	99
293/339	64.5	62.8	53.0	72.8	19.0	0.0	20.0	0.0	0.0	42.0	43.1	117.3	494.5	110	397.3	88
293/403	96.0	56.0	38.0	73.0	19.0	0.0	24.0	0.0	0.0	57.8	65.5	88.0	517.3		413.2	
293/514	93.0	60.1	62.9	69.7	24.3	0.0	23.5	0.0	0.0	41.0	84.5	65.6	524.6	104	482.5	96
293/597	71.5	61.8	31.9	69.5	34.0	0.6	24.7	0.0	0.0	53.6	68.7	107.2	523.5	101	521.6	100
293/622	100.3	62.0	32.5	69.0	30.5	0.0	30.0	0.0	0.0	63.5	70.0	89.0	546.8	97	554.8	98
293/700	91.5	82.5	39.5	64.5	27.5	0.0	22.5	0.0	0.0	49.5	78.5	103.5	559.5	122	612.4	134
293/792	64.6	41.8	18.7	65.4	28.3	1.9	26.4	0.0	0.0	45.4	79.9	122.4	494.8	87	603.2	107
294/ 52	93.5	50.7	34.9	73.3	23.5	0.0	30.0	0.0	0.0	52.7	68.2	90.2	517.0	121	534.6	125
294/154	80.0	40.0	25.0	59.5	46.3	0.0	36.0	0.0	0.0	45.0	50.0	130.5	512.3	127	424.8	105
294/233	72.5	48.5	40.0	77.0	28.0	0.0	32.5	0.0	0.0	52.0	87.6	124.5	562.6	128	502.0	114
294/400	82.0	54.0	49.5	59.0	24.5	0.0	51.0	0.0	0.0	29.0	46.5	149.0	544.5		426.5	
294/417	83.1	66.2	58.0	78.0	45.0	1.5	32.5	0.0	0.0	44.1	85.5	174.0	667.9	127	616.0	117
294/481	117.4	31.5	53.3	68.1	46.3	2.8	40.3	0.0	0.1	38.2	76.5	109.8	584.3		470.8	
294/500	92.6	38.0	55.5	62.0	45.5	0.0	45.7	0.0	0.0	55.7	80.5	166.5	642.0	111	482.4	83
294/651	57.0	71.0	17.5	52.5	49.5	0.0	30.0	0.0	0.0	42.5	114.0	119.0	553.0	101	416.0	76
294/826	68.5	81.3	31.0	66.5	45.5	0.0	37.5	0.0	0.0	123.5	72.0	93.5	619.3	111	469.3	84
294/847	76.4	21.8	69.3	71.2	60.1	3.1	42.2	0.0	2.8	56.8	60.3	129.3	593.3	107	469.4	85
295/ 1	46.5	25.4	85.0	64.0	75.5	2.5	35.0	0.0	2.0	74.0	50.5	109.0	569.4	95	572.0	96
295/116	132.5	84.0	27.0	66.0	50.5	0.0	38.5	0.0	7.5	31.0	74.5	99.5	611.0	109	605.5	108
295/139	69.5	--	--	76.5	41.5	0.0	26.0	0.0	0.0	56.0	62.7	79.9	(412.1)		(439.3)	
295/174	115.0	53.0	43.4	61.5	52.0	0.0	35.0	0.0	10.0	52.0	80.5	119.0	619.4	104	537.5	90
295/254	130.5	63.1	37.5	67.5	60.0	0.0	44.0	0.0	5.5	52.4	54.2	130.0	644.7	115	522.6	93
295/405	92.0	47.0	73.0	99.0	65.0	4.0	43.5	0.0	10.5	70.0	62.0	170.0	736.0		612.5	
295/408	116.9	57.9	68.3	79.3	77.5	2.6	50.1	0.1	9.6	53.6	60.8	157.9	734.6	116	651.5	102
295/413	67.0	79.2	35.0	67.2	76.5	0.0	28.0	0.0	11.0	43.0	73.2	151.9	632.0	103	59[illegible]	96
295/539	86.9	66.3	52.8	98.0	66.7	0.0	54.1	0.0	14.5	45.6	57.3	164.8	707.0	114	665[illegible]	7
295/558	114.0	56.3	60.0	110.5	78.2	3.0	44.0	0.0	14.5	56.0	65.0	153.5	755.0	111	637.1	94
295/720	116.0	68.0	70.5	110.6	80.3	4.0	61.5	0.0	10.5	57.6	77.9	159.0	815.9	122	791.1	118
295/760	66.7	48.0	46.1	75.0	73.3	5.0	27.5	0.0	16.4	57.0	63.1	176.2	654.3	106	648.1	105
295/770	128.1	58.8	66.7	91.0	100.1	3.5	49.2	0.0	17.5	62.0	79.5	173.5	829.9	115	806.6	111
295/807	104.9	53.1	71.2	106.9	85.5	0.0	49.9	0.0	15.5	53.5	75.0	153.6	769.1	101	722.3	95
296/115	156.3	44.7	65.5	90.5	92.7	3.6	50.6	0.0	13.6	66.8	76.6	167.0	807.9	120	720.8	107
296/157	69.5	45.1	49.5	113.1	124.6	7.1	40.4	0.0	14.8	76.4	79.8	131.1	751.4	105	732.8	101

R E Ë N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
296/169	LAMBERTINA	28°49′	27°36′	1646	250·3	85	247·3	126	59·0	164	126·9	70
296/238	PLATKOP	2858	2738	1652	251·3		280·0		50·3		141·9	
296/379	KIRKLINGTON	2849	2743	1676	240·6		269·9		40·4		200·0	
296/404	USDUM	2844	2744	1675	183·1		259·6		44·5		(67·9)	
296/583	GLEN MORGAN	2843	2750	1676	160·2		212·7		38·5		184·5	
296/622	IMPERANI - BOS	2852	2751	1640	153·3		191·4		46·4		169·4	
296/682	FICKSBURG - TNK	2852	2753	1585	236·0	73	265·5	139	46·5	127	195·0	103
296/682A	FICKSBURG - MUN	2852	2753	1585	170·0		260·0		41·0		190·2	
296/731	WELTEVREDE	2841	2755	1707	233·7		242·3		34·8		187·5	
296/767	DWARSKLOOF	2847	2756	1644	192·6		295·3		44·7		174·5	
296/820	WELGEGUND	2840	2758	1980	249·0		255·0		30·0		214·5	
296/886	STRATHCONA	2846	2800	1768	242·9		281·4		44·0		211·8	
297/ 83	LERIBE	2853	2803	1737	276·1	74	245·4	114	54·0		219·2	98
297/133	PEACEHILL	2843	2805	1676	236·9		261·1		55·4		243·7	
297/300	PONTMAIN	2900	2810	1829	330·9		273·0		70·5		238·3	
297/337	FOURIESBURG - MAG	2837	2812	1783	252·9		240·8		37·5		230·5	
297/436	BUTHA - BUTHE	2846	2815	1768	208·3		(214·2)		57·0		198·6	
297/694	DUNBLANE	2834	2824	1676	245·9		237·8		46·6		219·9	
297/721	CLARENS - MUN	2831	2825	1676	(163·5)		(209·5)		58·5		212·5	
298/193	OX - BOW	2843	2837	2591	439·2		468·0		118·1		378·7	
298/244	CALEDONIA	2834	2839	1951	308·1		448·0		56·0		288·0	
298/301	OLDENBURG	2831	2841	1769	224·2	69	341·5	177	36·7	74	262·7	112
298/425	MONONTSA	2835	2845	1830	345·5		285·5		42·0		250·5	
298/481	EERSTESENDING	2831	2847	1685	280·1		285·9		39·0		268·0	
298/512	WITSIESHOEK	2832	2848	1699	335·0	94	303·5	160	42·5	84	263·0	114
298/545	ELIZABETH ROSS - HOSP	2835	2849	1768	166·0		(188·9)		30·3		146·9	
298/638	MATSOAKENG	2838	2852	1829	278·0		265·5		45·0		243·5	
298/791	NATAL NATIONAL PARK-VIS	2841	2857	1490	549·7		275·5		63·5		398·6	
298/818	CAVERN GUEST FARM	2838	2858	1980	617·0		308·5		52·8		354·8	
298/871	BOSCHKLOOF	2831	2900	1785	397·2		277·4		29·6		270·1	
299/ 8	CLIFFORD CHAMBERS	2838	2901	1372	519·6		221·0		22·5		283·3	
299/223	OLIVIA	2843	2908	1219	473·5		224·0		22·5		284·5	
299/357	CATHEDRAL PEAK	2857	2912	1448	517·9		355·9		58·6		252·4	
299/419	DRAKENSBERG - BOS	2859	2914	1871	587·9		378·5		66·0		337·4	
299/529	WILHELMSHOHE	2849	2918	1219	595·0		183·4		22·0		198·1	
299/614	BERGVILLE - MAG	2844	2921	1128	319·9		236·5		14·0		210·9	
299/900	HEARTSEASE	2900	2930	1167	425·9		193·1		44·5		159·3	
300/ 57	ROSELEIGH	2837	2933	1219	370·2		171·8		7·1		243·9	
300/277	ARNUT HILL	2837	2940	1130	304·0		122·5		4·5		214·0	
300/345	RIVERSIDE	2845	2942	1035	267·9		152·7		10·3		181·4	
300/358	DRAYCOTT	2858	2942	1128	294·5		164·0		(0·0)		194·1	
300/483	LADYSMITH - CDN	2833	2947	1061	325·0	85	158·0	98	15·6	37	192·6	90
300/554	COLENSO	2844	2949	960	261·8	71	182·0	104	12·5	29	173·7	86
300/690	ESTCOURT - TNK	2900	2953	1181	370·1	109	160·5	98	20·5	53	235·0	122
301/ 94	FITTY PARK	2834	3004	1036	313·7		140·7		13·4		206·2	
301/657	MUDEN	2857	3022	640	493·1		124·2		8·0		107·3	
301/692	RESIDENCE	2832	3024	1295	362·8		117·5		40·7		195·2	
301/751	SUTHERLAND	2831	3026	1143	384·6	103	118·4	77	40·5	100	188·8	85
301/795	TUGELA FERRY	2845	3027	549	477·5	157	127·5	97	7·5	20	167·0	90
301/897	WINTERSHOEK	2857	3030	1311	459·1		191·8		14·0		191·9	
302/194	NGOBEVU	2844	3037	610	514·6		114·5		11·6		155·0	
302/320	NADI	2850	3041	802	512·5		124·7		15·9		147·0	
302/359A	KROMBERG ESTATE	2859	3042	1341	640·8		241·2		50·6		253·5	
302/503	LOOTSHOEK	2853	3047	847	372·9		108·7		9·0		172·0	
302/628	KRANSKOP - TNK	2858	3051	1148	496·8		183·5		28·5		220·6	
302/687	LINKLATER	2857	3053	975	445·0		145·2		33·8		223·8	
302/699	QUDENI - BOS	2839	3054	1375	981·6		287·8		80·0		411·3	
302/729	WOODLANDS	2839	3055	1454	721·0		222·9		53·0		299·7	
302/881	SPEEDWELL	2841	3100	945	(410·6)		186·7		52·0		286·4	
303/127	NKANDLA - NAF	2837	3105	1094	545·6	143	139·0	68	65·5	122	192·0	79
303/680	VUWA FARM - AGR	2850	3123	518	314·0		137·5		79·5		257·0	
303/833A	ESHOWE - MUN	2853	3128	532	(369·9)		181·2		103·0		288·3	
304/283	KWAYAYA	2843	3140	152	301·3		79·7		73·9		117·3	
304/446	MTUNZINI - MAG	2856	3145	12	268·0		113·5		59·9		421·9	
304/593	PORT DURNFORD D - BOS	2853	3150	130	333·5		206·9		239·0		400·5	
304/681	PORT DURNFORD A - BOS	2851	3153	61	310·0		192·0		257·5		368·0	
304/736	EMPANGENI - BOS	2846	3155	137	265·6	72	143·0	48	160·5	110	230·6	
304/822	KULU HALT	2842	3158	30	128·1		146·9		159·1		291·9	
305/ 37	FAIRVIEW	2837	3202	91	261·5		78·3		30·2		257·1	
305/ 43	ENSELENI	2843	3202	121	256·5		161·5		39·5		295·0	
305/167	RICHARDS BAY	2847	3206	15	187·0	56	187·8	52	130·8	74	274·0	118
305/193	MSINGAZI	2843	3207	45	170·0		151·2		109·0		320·2	
305/308	KWA - MBONAMBI - BOS	2838	3211	30	261·8		188·2		149·3		374·1	
305/336	LANGEPAN - BOS	2836	3212	75	205·7		238·6		139·0		324·7	
316/ 61	SWARTMODDER	2801	2033	730	32·0	50	53·0	84	18·0	274	15·5	63
316/294	LUTZPUTS	2824	2040	813	59·0		52·7		3·0		16·0	
317/447A	UPINGTON - AGR	2827	2115	793	61·9		36·1		13·0		17·5	
317/476	UPINGTON - WK	2826	2116	814	68·5		32·7		12·0		18·8	
318/ 23	KORAS	2823	2131	762	28·3		29·1		5·6		10·4	
319/582	GROOTKUIP	2812	2220	1215	126·2		60·1		7·0		14·0	
319/882	NOKANNA	2812	2230	1140	213·5		79·1		0·0		0·0	
320/348	DUNMURRAY	2818	2242	1311	117·5	87	94·0	76	4·0	25	31·	40
320/567	BERMOLLI	2827	2249	1219	110·9		71·0		3·5		36·	
320/654	WOLHAARKOP	2824	2252	1219	222·7		99·1		4·5		38·8	
320/828	AUCAMPSRUS	2818	2258	1320	162·5		71·0		2·5		30·0	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1 9 5 9

MR NO	JAN MM	FEB MM	MAR MM	APR MM	M A A N D - M O N T H MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	J A A R JAN 1959 DEC 1959 MM	PER	Y E A R JUL 1958 JUN 1959 MM	PER
296/159	95·9	59·8	49·9	102·1	95·3	3·3	58·7	0·0	14·0	58·5	54·4	116·6	705·5	100	675·4	95
296/238	129·6	42·2	79·7	106·0	94·3	3·3	47·0	0·0	7·8	49·1	85·0	198·0	842·0	125	682·1	101
296/379	86·5	49·8	74·1	107·6	88·2	2·5	37·9	0·0	11·0	63·8	125·2	153·4	800·0	116	705·3	102
296/404	72·0	51·0	51·1	104·5	104·0	5·0	39·5	0·0	6·5	61·4	--	--	(495·0)		559·7	
296/583	56·0	29·7	45·0	72·7	95·0	4·0	34·5	0·0	12·0	61·0	111·5	155·8	677·2	99	508·9	74
296/622	75·3	25·5	47·4	90·8	53·2	3·5	42·9	0·0	11·0	52·2	106·2	149·0	657·0		523·3	
296/682	65·0	32·0	70·5	98·0	97·0	4·5	42·0	0·0	14·5	68·5	112·0	158·5	762·5	103	685·5	93
296/682A	48·5	26·5	65·5	101·5	93·0	0·0	41·0	0·0	13·5	65·0	111·7	134·5	700·7	98	594·3	83
296/731	45·6	85·9	66·3	75·9	100·1	6·9	27·9	0·0	12·0	69·5	106·0	174·0	770·1		643·9	
296/767	56·1	49·1	85·6	97·2	112·5	7·6	37·1	0·0	13·5	69·0	92·0	149·5	769·2	99	670·2	87
296/820	63·0	67·0	74·0	89·0	92·0	7·0	23·0	0·0	14·0	81·5	119·0	128·5	758·0	106	679·7	95
296/886	86·0	60·7	83·0	86·1	112·3	5·5	38·0	0·5	17·0	85·9	108·9	170·5	854·4	120	713·9	101
297/ 83	111·0	39·1	47·4	85·5	112·5	8·0	46·0	0·0	14·5	87·2	117·5	151·5	820·2	96	(646·8)	-
297/133	94·0	33·7	51·3	86·3	123·5	8·4	46·8	0·2	13·0	110·6	120·1	155·8	843·7	109	712·4	92
297/300	107·5	56·0	38·3	115·8	118·9	13·6	56·6	0·3	3·0	110·8	124·5	205·0	950·3		837·6	
297/337	104·5	37·0	52·9	79·5	108·4	7·5	30·0	0·0	7·0	121·5	102·0	127·5	777·8	112	688·2	99
297/436	68·3	35·1	18·3	(75·9)	120·0	6·0	51·0	0·0	8·5	111·6	78·5	172·0	(745·2)		(649·8)	
297/694	104·6	46·4	45·8	91·0	101·0	8·5	38·1	0·0	2·5	113·1	104·3	130·2	785·5	105	633·3	85
297/721	89·5	--	--	107·5	102·0	14·5	44·0	0·0	0·0	121·5	91·0	117·5	(687·5)		(552·5)	
298/193	155·1	98·4	107·9	182·6	177·5	34·7	81·9	1·5	2·8	194·2	181·7	268·1	1486·4		1282·2	
298/244	87·6	67·0	78·0	144·0	226·0	11·5	44·5	0·0	0·0	166·0	122·0	212·0	1158·6	120	1049·7	108
298/301	86·2	54·3	56·1	141·9	143·5	8·4	28·3	0·0	1·9	143·1	117·7	144·7	926·1	114	854·3	105
298/425	110·0	49·0	49·0	93·5	143·0	10·0	32·0	0·0	6·5	126·0	118·0	152·0	889·0		902·5	
298/481	79·8	66·2	38·2	94·2	153·5	4·0	35·0	0·0	4·2	161·0	102·8	116·0	854·9	108	846·0	107
298/512	90·0	76·5	49·5	106·5	147·5	0·0	40·5	2·0	4·5	147·0	111·5	176·0	951·5	115	907·0	109
298/545	30·5	62·0	--	63·4	125·5	0·6	28·8	0·9	0·0	59·3	87·6	98·4	(557·0)		(496·5)	
298/638	57·0	130·0	26·5	94·0	145·0	0·0	45·0	0·0	3·0	138·0	102·5	120·0	861·0	117	800·0	109
298/791	123·3	195·2	49·4	85·5	140·6	3·5	48·0	12·0	20·0	172·4	206·2	154·4	1210·5		1204·4	
298/818	119·8	220·7	39·7	96·2	172·6	3·5	43·9	5·4	11·0	209·4	134·4	214·2	1270·8		1282·2	
298/871	132·3	111·1	8·3	113·7	155·4	0·0	29·6	0·0	6·4	162·1	101·6	138·4	958·9	125	935·7	122
299/ 8	91·1	137·5	42·0	57·0	122·0	0·0	22·5	0·0	4·5	169·8	109·0	135·0	890·4	88	984·3	98
299/223	141·0	119·0	48·5	54·0	121·5	0·0	22·5	0·0	6·5	139·0	139·0	113·5	904·5		967·5	
299/357	186·1	153·8	146·2	86·7	121·0	7·0	46·5	6·1	17·3	113·1	122·0	211·7	1218·5	97	1183·7	94
299/419	172·1	178·7	166·8	93·5	118·2	10·4	41·0	14·6	16·9	152·1	168·4	255·6	1388·3		1303·7	
299/529	168·7	192·6	78·8	58·9	45·7	0·0	17·0	5·0	6·5	90·3	101·3	163·0	927·8		935·3	
299/614	79·1	105·1	68·5	62·5	105·5	0·0	12·0	2·0	0·9	109·1	100·9	73·6	719·2	96	744·9	100
299/900	149·4	173·7	117·8	23·8	51·5	2·0	30·5	12·0	0·0	66·3	93·0	140·8	860·8	97	797·8	90
300/ 67	117·4	135·8	28·7	48·4	94·7	0·0	6·7	0·4	3·0	124·3	116·6	91·1	767·1		787·6	
300/277	118·0	70·4	7·5	46·5	68·5	0·0	4·5	0·0	0·0	110·6	103·4	94·0	623·4		604·5	
300/345	94·5	73·5	24·9	48·5	79·3	0·0	10·3	0·0	1·8	86·3	93·3	116·0	628·4		650·6	
300/358	89·5	91·0	20·0	61·5	82·5	0·0	--	0·0	3·0	107·1	84·0	97·5	(636·1)		623·0	88
300/483	119·7	112·0	22·3	42·3	93·4	0·3	13·5	1·8	5·3	99·2	88·1	62·8	660·7	83	671·3	84
300/554	103·0	63·5	43·0	46·1	92·9	0·3	11·1	1·1	6·0	74·7	93·0	129·0	663·7	84	652·6	82
300/690	102·1	159·9	32·7	57·8	70·0	0·0	17·9	2·6	4·7	124·7	105·6	97·4	775·4	106	732·2	100
301/ 94	65·5	109·2	37·9	41·0	61·8	0·0	10·0	3·4	5·2	100·5	100·5	52·0	587·0	92	684·6	108
301/657	144·0	217·5	14·0	38·7	71·5	0·0	5·0	3·0	2·0	83·2	22·1	63·0	664·0		731·4	
301/692	109·8	148·2	38·7	36·0	42·8	0·1	22·5	18·1	13·5	100·9	80·8	138·8	750·2	93	674·8	84
301/751	122·4	163·2	36·1	32·7	49·6	0·6	29·3	10·6	25·1	93·6	70·1	143·3	776·6	98	694·1	87
301/795	102·5	240·5	21·5	31·5	74·5	0·0	7·5	0·0	7·0	88·0	72·0	114·0	759·0	115	737·0	112
301/897	135·3	169·8	21·0	61·1	109·7	0·0	0·0	14·0	10·0	101·1	80·8	78·3	781·1	112	772·5	111
302/194	141·5	215·2	39·6	19·8	55·1	0·0	5·0	6·6	9·5	88·1	58·4	139·7	778·5		789·2	
302/320	120·5	244·0	42·5	28·2	54·0	0·0	15·6	0·3	9·0	84·0	54·0	64·0	716·1	113	792·1	125
302/359A	211·8	231·6	54·2	56·5	130·5	0·0	27·6	23·0	27·5	136·0	90·0	108·0	1096·7	114	1113·4	115
302/503	117·8	166·4	27·0	31·4	50·3	0·0	0·0	9·0	11·0	101·6	59·4	59·6	633·5	95	649·4	97
302/628	242·5	150·3	55·5	28·0	100·0	0·0	0·0	28·5	27·0	116·1	77·5	120·5	945·9	109	899·0	103
302/687	218·1	134·7	35·8	27·9	81·5	0·0	4·1	29·7	20·3	115·4	88·1	116·7	872·3		881·8	
302/699	496·9	229·0	97·8	103·4	86·6	2·0	2·5	75·5	82·0	170·1	159·2	382·8	1887·8		1631·1	
302/729	331·5	161·5	79·5	68·9	74·5	0·0	2·5	50·5	60·0	129·5	110·2	299·0	1367·6	93	1273·3	86
302/881	290·9	119·7	44·9	55·8	86·0	1·3	4·1	46·6	46·8	131·4	108·2	316·4	1252·1		(598·6)	
303/127	194·5	154·1	22·5	51·5	65·0	0·0	0·0	65·5	18·0	91·4	82·6	253·7	998·8	113	891·3	101
303/680	119·2	89·0	19·0	45·5	73·0	0·0	0·0	79·5	53·5	114·8	88·7	109·2	791·4		631·0	
303/833A	193·5)	176·4	28·6	49·6	103·0	1·0	1·5	100·5	57·5	144·3	86·5	135·3	1077·7)		-	
304/283	144·8	18·7	8·3	10·6	60·8	0·0	0·0	73·9	52·4	50·2	14·7	118·7	553·1	75	567·5	77
304/446	135·5	83·5	20·0	0·0	93·5	13·0	14·9	32·0	197·0	143·9	81·0	185·5	999·8	84	800·5	67
304/593	115·0	100·0	42·0	55·5	108·5	24·5	24·5	190·0	103·0	202·0	95·5	196·0	1256·5		1119·0	
304/681	115·5	90·0	53·0	49·5	89·5	28·0	38·5	191·0	74·5	178·5	115·0	182·5	1205·5	91	942·5	71
304/736	106·6	61·2	26·4	14·5	102·1	3·2	6·2	151·1	67·2	107·0	56·4	118·0	819·9	78	744·9	71
304/822	88·2	39·3	12·6	17·3	117·0	1·5	11·0	146·6	68·0	136·7	87·2	133·4	858·8	77	693·3	62
305/ 37	115·5	42·5	12·0	8·8	57·5	0·0	4·5	25·7	103·5	99·0	54·6	108·7	632·3	66	602·3	63
305/ 43	106·0	30·0	30·0	27·0	104·5	1·5	11·0	27·0	71·0	135·0	89·0	120·0	752·0	65	788·1	68
305/167	78·5	43·0	53·3	17·0	117·5	9·0	49·3	72·5	68·3	112·4	93·3	98·3	812·4	74	850·8	77
305/193	68·0	22·5	39·5	14·5	97·2	7·0	19·0	83·0	88·0	158·2	74·0	91·0	761·9		720·7	
305/308	111·9	45·8	55·5	32·1	100·6	10·2	29·0	110·1	101·0	167·6	105·5	111·9	981·2	78	979·8	77
305/336	98·4	28·7	96·5	18·0	124·1	14·5	31·5	93·0	72·0	124·2	128·5	103·5	932·9		829·8	
316/ 61	12·0	6·0	24·0	12·0	17·0	18·0	0·0	0·0	0·0	0·0	15·5	13·5	118·0	75	109·0	69
316/294	13·0	24·5	16·2	16·5	20·0	3·0	0·0	0·0	0·0	14·0	2·0	0·7	109·9		117·1	
317/447A	12·7	7·5	6·2	15·5	14·4	10·0	1·0	2·0	0·0	8·0	9·5	13·2	100·0		112·3	
317/476	9·3	25·8	5·1	14·8	12·8	9·5	1·5	1·0	0·0	7·7	11·1	14·9	113·5		116·2	
318/ 23	14·0	5·5	0·0	6·8	22·3	5·6	0·0	0·0	0·4	10·8	5·2	29·5	100·1		80·3	
319/582	29·7	71·5	0·0	20·5	39·6	3·5	3·5	0·0	0·0	10·5	3·5	24·0	206·3		201·5	
319/882	22·0	129·5	0·0	28·1	51·0	0·0	0·0	0·0	0·0	0·0	0·0	75·5	306·1	144	299·[illegible]	[illegible]
320/348	49·0	60·5	0·0	50·0	44·0	0·0	4·0	0·0	0·0	19·0	12·0	73·5	312·0	95	228·0	
320/567	21·5	51·0	3·0	29·0	39·0	0·0	3·5	0·0	0·0	28·1	8·0	71·5	254·6		201·8	
320/654	56·5	104·0	0·6	58·5	40·0	0·0	4·5	0·0	0·0	25·2	13·6	76·5	379·4	133	344·3	120
320/828	57·0	77·0	20·0	29·5	21·5	2·5	0·0	0·0	0·0	23·0	7·0	63·5	301·0		247·0	

R E Ë N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	Ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
320/888	MANCORP MINE	28°18'	23°00'	1326	187·4		93·3		1·5		53·6	
321/ 32	LOHATHLA	2802	2302	1370	193·3		96·3		0·0		82·6	
321/110	POSTMASBURG - POL	2820	2304	1311	183·1	147	110·2	96	2·5	23	42·5	73
321/159	MANGANORE	2809	2306	1385	185·0		85·0		0·0		52·0	
321/441	TIERKOP	2821	2315	1450	260·7		113·4		4·5		60·5	
322/ 71	DANIELSKUIL - POL	2811	2333	1402	167·3		96·9		0·0		52·8	
322/172	SILVERSTREAMS	2822	2336	1445	218·7	160	101·7	96	3·5	22	32·0	56
322/329	PAPKUIL - POL	2829	2341	1450	196·3		70·4		0·0		25·5	
322/519	SURPRISE	2809	2348	1450	173·1		110·5		4·5		24·8	
322/648	VAALPAN	2818	2352	1450	236·1		87·8		3·0		34·8	
323/ 75	KOOPMANSFONTEIN - POL	2815	2403	1340	158·6		85·0		7·5		45·5	
323/102	KOOPMANSFONTEIN 11 - AGR	2812	2404	1341	209·2		107·5		10·6		51·1	
323/144	POTFONTEIN	2824	2405	1215	187·3		119·8		5·3		57·8	
323/160	KOOPMANSFONTEIN 1 - AGR	2810	2406	1340	200·9		101·4		8·8		34·9	
323/221	KOOPMANSFONTEIN 111-AGR	2811	2408	1340	192·3		111·0		9·0		38·7	
323/271	TEVREDENHEID	2801	2410	1370	136·6		97·2		8·5		46·5	
323/536	SYDNEY ON VAAL	2826	2418	1040	194·5	111	91·4	69	19·0	114	60·4	97
323/585	RIVIERA	2815	2420	1065	366·0		(29·0)		6·0		48·0	
323/649	NEWLANDS	2819	2422	1067	300·4		113·5		10·2		51·0	
323/820	SPITSKOP	2810	2428	1095	221·3		59·9		9·5		33·5	
323/861	KELBURN	2821	2429	1067	277·8		116·6		10·4		63·8	
324/138	KAMEELPUT	2818	2435	1165	264·0		65·0		9·5		78·8	
324/202	ROCKLANDS	2822	2437	1165	239·5		(29·0)		0·0		73·0	
324/379	WINDSORTON - MUN	2819	2443	1169	213·4	128	61·0	45	9·5	53	85·8	118
324/561	WINDSORTON ROAD - SAR	2821	2449	1170	286·9		77·3		10·5		108·0	
324/607	WARRENTON - MUN	2807	2451	1198	317·6	178	109·1	77	16·0	67	102·4	130
324/613	CONTENT - SAR	2813	2451	1200	301·0		101·3		9·3		84·5	
324/725	NAZARETH HOUSE FARM	2805	2455	1208	318·8		105·8		19·8		105·0	
324/889	LUSTHOF	2819	2500	1219	298·5		98·7		14·5		77·3	
325/317	AMANDELBOOM	2817	2511	1340	199·7		99·0		14·7		85·8	
325/400	CLIFTON	2810	2514	1310	272·9		(63·0)		12·5		87·1	
325/471	BORDEAUX	2821	2516	1310	210·8		125·3		12·8		81·0	
325/816	HOUMOED	2806	2528	1295	180·0		69·5		9·0		83·1	
325/877	HERTZOGVILLE - POL	2807	2530	1326	238·0	127	104·0	73	10·0	44	103·0	117
326/ 73	KOUTER	2813	2533	1340	204·2		98·1		10·0		71·5	
326/298	BUITENVERWAG	2828	2540	1280	276·8		79·5		11·0		108·0	
326/344	WOLHUTERSKOP	2814	2542	1370	203·9		93·6		15·9		96·0	
326/668	GELUK	2808	2553	1325	198·6		103·6		24·4		99·8	
326/670	BRAND	2810	2553	1310	233·8		101·0		19·5		79·0	
326/797	DIE HOOGTE	2817	2557	1372	234·6		96·2		20·2		89·5	
327/257	BULTFONTEIN - SKL	2817	2609	1326	214·2	87	161·3	99	35·3	127	100·9	74
327/257A	BULTFONTEIN - MUN	2817	2609	1339	220·9		158·8		33·0		112·6	
327/264	KAREEPAN	2824	2609	1341	192·9		98·1		24·0		95·5	
327/426	VOORUITSIG	2806	2615	1275	335·6		161·0		33·0		84·9	
327/532	MEYERTON	2822	2618	1370	191·6		84·5		34·3		91·7	
327/784	NELSDRIFT	2804	2627	1280	202·0		147·5		45·5		85·5	
327/883	GROOTKUIL	2813	2630	1280	215·5		154·0		41·0		109·5	
327/899	PELSERSKRAAL	2829	2630	1326	226·0		130·0		34·5		111·5	
328/294	ABRAHAMSHOF	2824	2640	1306	217·0		167·2		43·5		128·0	
328/308	DEKLERKSKRAAL	2808	2641	1295	219·6		167·2		46·0		128·9	
328/384	THEUNISSEN - POL	2824	2643	1414	211·0		148·3		43·0		124·5	
328/425	ADAMSONSVLEI	2805	2645	1387	170·6		196·8		35·7		105·0	
328/576	VIRGINIA - PUR	2806	2650	1341	174·3		191·4		28·0		126·0	
328/628	GOUDHOEK	2828	2651	1448	192·3	77	200·3	116	40·9	146	134·4	92
328/636	VIRGINIA	2806	2652	1341	157·4		182·7		28·2		123·3	
328/726	OLIVINE	2806	2655	1372	130·3		140·9		26·6		120·8	
328/800	RIETVLEI	2820	2657	1442	192·6		164·5		35·5		88·5	
328/838	LUCRETIA	2828	2658	1495	166·0		193·0		26·0		85·6	
329/ 1	WHITES - PORTLAND CEMENT	2801	2701	1402	180·9		187·1		39·2		104·1	
329/149	MORGENZON	2829	2705	1524	216·8		189·3		41·0		108·6	
329/215	VENTERSBURG - MAG	2805	2708	1402	235·0		202·5		29·0		123·8	
329/380	PATENSIE	2820	2713	1370	227·9		251·9		43·5		123·6	
329/783	ROOIKRAAL	2803	2727	1503	203·5		195·5		29·0		154·5	
330/ 98	TREKPAD	2808	2734	1555	290·5		165·0		27·5		150·5	
330/199	SENEKAL	2819	2737	1433	244·8	87	205·1	116	24·0	89	151·5	99
330/363	YARIMA	2803	2743	1595	199·0		240·0		27·0		186·0	
330/403	MIGNONETTE	2813	2744	1509	·-		(158·2)		37·0		145·0	
330/421	ROODEPOORT	2801	2745	1569	241·5		245·5		31·3		246·5	
330/537	FRAAIUITZICHT	2827	2748	1646	262·8		247·9		30·5		177·0	
330/573	WEXFORD	2803	2750	1615	196·0		179·0		·-		177·0	
330/601	KERRY	2801	2751	1544	287·0		201·5		34·5		242·0	
330/610	KOPPIE ALLEEN	2810	2751	1524	214·0		202·0		8·0		152·0	
330/699	LEUCTIA	2809	2754	1585	238·0		205·0		26·5		150·0	
330/750	ROSENDAL	2830	2755	1676	305·5		234·0		42·8		[illegible]	
330/753	ANGORA	2803	2756	1585	285·1		194·6		18·5		199·8	
330/797	PAUL ROUX - MUN	2817	2757	1555	346·0		312·5		25·0		159·5	
331/ 58	OVERDENE	2828	2802	1830	263·2		310·8		41·5		209·5	
331/ 68	KAALLAAGTE	2808	2803	1625	289·0		230·0		21·5		184·6	
331/107	DUIKFONTEIN	2817	2804	1600	272·0		263·5		26·3		[illegible]	
331/119	WELGEDACHT	2829	2804	1900	299·8		240·3		48·9		[illegible]	
331/121	LE LONG	2801	2805	1666	284·9		191·5		26·2		207·3	
331/271	VAALBANK	2801	2810	1680	289·0		148·8		21·0		215·0	
331/275	WITBANKFONTEIN	2805	2810	1676	251·1		243·2		22·0		210·1	
331/375	THE OUTLOOK	2815	2813	1707	213·7		242·5		20·0		156·0	
331/455	MATJIESVLEI	2805	2816	1631	235·5		196·9		33·0		253·5	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	M A A N D - M O N T H MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	J A A R JAN 1959 DEC 1959 MM	PER	Y E A R JUL 1958 JUN 1959 MM	PER
320/888	39.2	81.3	23.1	43.7	26.5	0.0	1.4	0.1	0.0	32.9	20.7	66.8	335.7	103	318.1	98
321/ 32	40.8	69.5	22.3	36.0	38.0	0.0	0.0	0.0	0.0	31.7	50.9	83.0	372.2		311.1	
321/110	19.0	92.6	33.2	45.0	32.0	2.5	0.0	0.0	0.0	26.0	16.5	58.0	324.8	105	354.8	109
321/159	55.0	61.5	13.5	34.5	37.0	0.0	0.0	0.0	0.0	26.0	26.0	111.0	364.5		294.5	
321/441	41.0	156.6	40.7	36.0	36.7	4.5	0.0	0.0	0.0	38.0	22.5	102.5	478.5		437.1	
322/ 71	34.8	82.2	13.4	38.3	45.2	0.0	0.0	0.0	0.0	26.0	26.8	95.5	362.2	105	300.7	85
322/172	56.2	99.0	16.2	23.0	62.5	3.5	0.0	0.0	0.0	22.0	10.0	93.7	386.1	122	349.9	111
322/329	30.0	111.5	12.5	26.5	31.4	0.0	0.0	0.0	0.0	11.6	13.9	62.0	299.4	79	327.2	87
322/519	7.1	128.0	12.5	34.0	64.0	0.0	4.5	0.0	0.0	1.8	23.0	89.2	364.1	100	332.4	91
322/648	35.5	140.0	10.5	0.0	77.3	0.0	3.0	0.0	0.0	21.8	13.0	88.2	389.3		360.1	
323/ 75	15.0	102.6	3.5	24.7	56.8	0.0	7.5	0.0	0.0	12.0	33.5	83.0	338.6	92	263.4	71
323/102	28.5	139.1	23.6	24.5	59.4	0.8	9.8	0.0	0.0	18.6	32.5	71.4	408.2		383.2	
323/144	25.0	124.8	20.6	29.2	70.0	0.8	4.5	0.0	0.0	21.6	36.2	72.4	406.1	115	348.6	99
323/160	43.9	131.7	22.1	27.3	52.0	0.0	8.8	0.0	0.0	9.0	25.9	66.8	387.5		371.0	
323/221	39.9	124.7	16.9	28.2	65.9	0.0	9.0	0.0	0.0	13.5	25.2	69.4	392.7		366.2	
323/271	7.8	65.8	32.1	35.0	30.1	1.3	7.2	0.0	0.0	16.0	30.5	48.0	273.8		386.9	
323/536	61.5	87.8	23.0	24.9	43.5	0.0	19.0	0.0	0.0	14.1	46.3	87.6	407.7	106	339.7	88
323/585	108.5	92.0	--	--	(29.0)	0.0	6.0	0.0	0.0	17.0	31.0	61.0	(344.5)		(453.0)	
323/649	93.7	112.8	30.0	31.5	52.0	0.0	18.2	0.0	0.0	15.5	35.5	119.2	500.4	122	460.6	112
323/820	129.3	65.0	14.6	7.5	37.8	0.0	9.5	0.0	0.0	7.5	26.0	90.5	385.7	106	307.2	87
323/861	93.1	102.2	35.0	47.0	34.6	0.4	10.0	0.0	0.0	17.2	46.6	111.2	497.3		466.0	
324/158	133.0	69.0	19.0	17.0	29.0	0.0	9.5	0.0	0.0	28.8	50.0	123.5	478.8		357.0	
324/202	53.0	119.5	--	29.0	--	0.0	0.0	0.0	0.0	21.5	51.5	85.7	(360.2)		(323.6)	
324/379	75.5	75.4	12.0	23.0	26.0	0.0	9.5	0.0	0.0	39.3	46.5	100.5	407.7	104	298.5	76
324/561	129.2	102.7	23.8	26.8	26.7	0.0	10.5	0.0	0.0	39.5	68.5	62.2	489.9	137	399.7	112
324/607	146.0	69.0	34.7	43.8	30.6	2.6	13.4	0.0	0.0	51.8	50.6	81.1	523.6	124	472.4	112
324/613	150.0	75.0	21.0	42.2	38.1	0.0	9.3	0.0	0.0	34.0	50.5	79.3	499.4	128	450.8	115
324/725	121.4	89.1	39.7	30.6	35.5	3.5	16.3	0.0	0.1	49.4	55.5	117.2	558.3	143	475.4	122
324/889	131.2	75.0	23.5	37.0	38.2	0.0	14.5	0.0	0.0	34.2	43.1	81.0	477.7		421.2	
325/317	73.2	61.7	19.7	43.5	35.8	2.5	12.2	0.0	0.0	27.0	58.8	175.4	509.8		342.4	
325/400	99.4	50.0	--	30.5	32.5	0.0	12.5	0.0	0.0	21.0	66.1	112.0	(424.0)		(414.4)	
325/471	85.2	72.5	43.2	55.0	27.1	0.0	12.8	0.0	0.0	17.9	63.1	126.3	503.1	147	376.5	110
325/816	61.0	23.5	9.0	48.5	12.0	0.0	9.0	0.0	0.0	23.6	59.5	27.0	273.1	69	290.5	73
325/877	68.5	27.0	28.5	52.5	23.0	0.0	10.0	0.0	0.0	30.0	73.0	56.5	369.0	84	416.8	94
326/ 73	77.3	49.0	11.5	61.6	25.0	0.0	10.0	0.0	0.0	8.5	63.0	95.2	401.1		362.6	
326/298	139.8	76.0	29.0	35.5	15.0	0.0	11.0	0.0	0.0	22.0	86.0	79.5	493.8		413.3	
326/344	68.1	28.0	20.0	52.1	21.5	0.0	15.9	0.0	0.0	33.5	62.5	62.9	364.5	80	365.6	80
326/668	64.5	41.2	26.0	42.9	34.7	4.4	20.0	0.0	0.0	32.3	67.5	93.0	426.5	82	377.2	72
326/670	80.0	75.8	26.5	35.0	39.5	0.0	19.5	0.0	0.0	29.0	50.0	69.9	425.2	95	412.3	92
326/797	101.1	66.2	40.0	32.2	24.0	0.7	19.5	0.0	0.0	37.6	51.9	83.4	456.6		393.4	
327/257	77.8	54.4	68.3	57.7	35.3	2.3	33.0	0.0	0.0	47.2	53.7	48.4	478.1	83	446.6	78
327/257A	76.3	56.3	76.2	54.5	28.1	2.5	30.5	0.0	0.0	48.3	64.3	49.5	486.5		445.4	
327/264	59.5	20.0	25.5	66.6	6.0	0.0	24.0	0.0	0.0	37.5	58.0	85.0	382.1	83	338.1	73
327/426	114.0	90.6	71.0	52.0	38.0	1.0	32.0	0.0	0.0	47.5	37.4	60.0	543.5	112	571.2	118
327/532	67.6	40.0	18.0	38.5	28.0	0.0	34.3	0.0	0.0	37.5	54.2	81.5	399.6		329.2	
327/784	73.5	35.5	37.5	63.5	46.5	1.5	44.0	0.0	0.0	39.5	46.0	40.0	427.5	91	406.5	87
327/883	100.5	26.0	52.5	49.0	52.5	0.0	41.0	0.0	0.0	56.5	53.0	104.0	535.0	112	421.0	88
327/899	92.0	31.5	45.0	49.5	35.5	0.0	34.5	0.0	0.0	42.0	69.5	88.5	488.0	91	416.9	77
328/294	72.0	56.5	43.7	71.5	52.0	0.0	43.5	0.0	0.0	58.5	69.5	95.5	562.7	95	487.0	82
328/308	99.6	45.0	21.0	60.7	85.5	2.0	44.0	0.0	0.4	98.5	30.0	68.5	555.2	120	443.8	95
328/384	76.5	46.0	37.9	62.9	47.5	0.0	43.0	0.0	0.0	49.5	75.0	62.0	500.3	92	440.8	81
328/425	65.0	48.2	55.6	88.6	52.6	1.7	34.0	0.0	0.0	63.9	41.1	86.1	536.8	101	445.1	83
328/576	48.6	72.7	36.3	91.3	63.8	2.0	26.0	0.0	0.9	66.8	58.3	56.9	523.6		443.9	
328/628	81.7	44.8	59.3	89.7	51.3	2.7	38.2	0.0	0.6	70.2	63.6	76.0	578.1	97	484.9	82
328/636	40.3	56.4	37.5	91.1	54.1	1.6	26.6	0.0	0.0	57.3	66.0	69.5	500.4		407.5	
328/726	50.0	33.0	32.5	64.0	44.4	0.0	26.6	0.0	0.0	69.2	51.6	69.4	440.7	85	368.9	71
328/800	59.0	44.0	30.5	64.0	70.0	0.0	35.5	0.0	0.0	47.5	41.0	97.0	488.5	88	403.0	72
328/838	53.0	27.5	56.0	71.5	65.5	0.0	26.0	0.0	0.0	58.1	27.5	51.0	436.1		431.0	
329/ 1	56.6	41.4	29.1	104.2	53.8	2.2	37.0	0.0	2.5	54.6	47.0	74.9	503.3		458.0	
329/149	58.0	53.3	61.3	73.8	54.2	0.0	41.0	0.0	4.8	51.3	52.5	74.8	525.0	98	523.3	97
329/215	51.0	45.5	21.5	117.0	64.0	0.0	29.0	0.0	8.5	69.3	46.0	109.1	560.9	102	559.7	102
329/380	34.1	48.0	69.9	99.9	82.1	9.5	34.0	0.0	11.0	67.0	45.6	81.9	583.0		566.1	
329/783	63.5	46.5	7.5	83.0	105.0	5.5	23.5	0.0	22.5	81.0	51.0	96.5	585.5	112	517.5	99
330/ 98	80.5	81.0	20.0	81.0	64.0	0.0	27.5	0.0	19.0	83.5	48.0	132.2	636.7		544.7	
330/199	58.5	79.5	31.8	83.1	90.2	0.0	24.0	0.0	16.5	89.3	45.7	143.1	661.7	104	607.5	95
330/363	63.0	21.5	49.0	121.5	69.5	6.0	21.0	0.0	21.0	104.0	61.0	227.5	765.0	122	542.5	86
330/403	--	--	--	92.0	76.2	0.0	24.5	12.5	0.0	81.5	63.5	108.0	(458.2)		(272.7)	
330/421	54.5	36.5	67.0	102.5	76.0	7.3	24.0	0.0	18.0	126.0	102.5	268.0	882.3	138	647.8	102
330/537	60.0	51.5	36.0	114.6	97.3	0.0	30.5	0.0	12.0	90.0	75.0	129.8	696.7		632.8	
330/573	47.0	22.0	7.0	105.0	67.0	--	--	--	8.0	100.5	68.5	142.8	(567.8)		(520.5)	
330/601	93.0	31.5	37.0	93.5	71.0	8.0	26.5	0.0	10.0	122.5	109.5	163.5	766.0	124	594.9	96
330/610	40.0	20.0	52.0	84.0	66.0	3.0	5.0	0.0	6.0	85.0	61.0	114.0	536.0	96	546.5	98
330/699	31.5	40.5	40.0	94.0	71.0	3.0	23.5	0.0	4.0	93.5	58.5	139.0	598.5	98	599.0	98
330/750	98.7	26.5	34.6	92.4	107.0	5.5	37.3	0.0	11.7	76.1	72.1	151.6	713.5	98	661.8	91
330/753	31.4	58.2	41.5	94.1	59.0	5.0	13.5	0.0	4.8	106.0	89.0	131.5	634.0	106	582.5	97
330/797	89.0	46.5	62.0	155.5	95.0	0.0	25.0	0.0	5.5	85.4	68.6	104.0	736.5	123	829.5	139
331/ 58	36.5	34.0	48.6	157.7	104.5	4.5	37.0	0.0	23.5	90.5	95.5	138.5	770.8	97	787.8	99
331/ 68	59.0	44.5	39.0	104.0	87.0	4.5	17.0	0.0	8.8	107.4	68.4	144.0	683.6	103	662.0	100
331/107	51.5	65.5	33.5	131.0	99.0	5.5	21.0	0.0	26.0	130.5	46.5	114.5	724.5		718.0	
331/119	52.4	44.7	34.5	106.5	99.3	10.0	38.7	0.2	20.3	127.5	67.1	122.4	723.6		771.0	
331/121	40.4	37.0	41.0	85.0	65.5	11.2	15.0	0.0	11.1	109.2	87.0	88.5	590.9	98	642.	107
331/271	48.0	28.0	25.5	64.8	58.5	8.0	13.0	0.0	3.5	133.4	78.1	127.4	588.2	93	561.8	88
331/273	42.7	39.9	27.3	126.1	89.8	7.2	14.8	0.0	3.8	119.4	86.9	107.7	665.6	102	662.4	101
331/375	42.0	17.5	26.5	126.5	89.5	5.0	15.0	0.0	0.0	107.0	49.0	120.3	598.3	107	652.7	116
331/455	64.0	40.5	26.0	95.7	75.2	10.0	23.0	0.0	6.5	135.5	111.5	125.2	713.1	97	591.1	81

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL / QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
331/474	HIGHLANDS	28°24′	28°16′	1890	196·3		314·1		7·0		177·3	
331/520	LOCH LOMOND - AGR	2810	2818	1631	266·6		244·8		22·6		219·9	
331/521	UTOPIA	2811	2818	1646	220·4		231·1		34·0		213·3	
331/740	SPITSKRANS	2820	2825	1737	275·6	88	267·1	166	33·0	92	208·2	107
331/794	SUSANNA	2814	2827	1750	230·5		292·5		16·4		258·5	
331/828	NIL DESPERANDUM	2818	2828	1700	204·4		261·1		27·1		187·8	
332/103	SKALKIE	2813	2834	1737	229·5		256·9		17·0		249·0	
332/120	GROENLAND	2830	2834	1798	228·6		324·1		44·8		225·8	
332/206	DE BRUG	2826	2837	1829	235·0		306·2		29·0		220·5	
332/326	EERSTEGELUK	2826	2841	1695	259·2	80	280·4	188	31·1	72	222·8	108
332/378	HOEKFONTEIN	2818	2843	1753	311·4		260·1		20·5		215·2	
332/591	RIETLAAGTE	2821	2850	1463	282·2		231·0		18·0		260·0	
332/614	ABERFELDY	2814	2851	1615	238·6		202·4		7·5		160·7	
332/663	CAIRNSMORE	2803	2853	1615	361·9		155·9		18·0		242·8	
333/ 51	ROSEDALE	2821	2902	1615	275·8		204·5		0·0		381·6	
333/226	HARRISMITH	2816	2908	1642	326·6		212·3		11·5		230·7	
333/249	THE LAKE	2809	2909	1850	261·0		139·3		9·8		(242·5)	
333/291	WALTON	2821	2910	1615	295·0		192·5		11·5		283·3	
333/682	VAN REENEN - POL	2822	2923	1659	420·0		168·0		0·0		200·3	
333/804	WYFORD	2824	2927	1524	769·7	142	260·0	113	6·7	13	338·5	118
334/176	MOORSIDE	2824	2936	1219	373·0		150·4		3·9		216·4	
334/678	SPRING GROVE	2818	2953	1128	327·8		135·3		0·0		228·5	
334/761	MON REPOS	2811	2956	1311	455·7		234·1		34·9		325·0	
334/825	BALBROGIE	2815	2958	1006	465·8	106	171·0	90	10·5	24	296·8	122
335/169	WASBANK	2819	3006	1073	315·1		127·6		15·1		186·3	
335/250	GLENCOE - MUN	2810	3009	1311	442·5		117·5		23·0		196·5	
335/377	BERGVLIET F	2817	3013	1220	348·5		84·6		31·2		209·5	
335/400	DUNDEE	2810	3014	1247	430·2	111	93·3	53	27·3	66	236·6	98
335/620	SWARTWATER	2820	3021	1372	236·6		111·2		45·4		272·3	
335/694	RIETVLEI	2804	3024	1145	307·3		98·0		5·0		202·3	
336/ 16	RIVER VIEW	2816	3031	1130	259·0		87·5		12·0		206·5	
336/ 59	WALDHEIM	2829	3032	1091	303·5		107·5		31·5		(204·7)	
336/283	NQUTU - TNK	2813	3040	1326	366·1	97	152·6	95	4·5	11	203·3	92
336/292	ISAND HLWANA	2822	3040	1238	321·0		91·5		18·0		210·7	
336/594	RONDSPRING	2824	3050	1280	247·4		116·3		6·9		300·4	
336/863	BABANANGO	2823	3059	1295	332·0		(88·5)		0·0		211·5	
337/ 6	GOEDGELOOF	2806	3101	945	292·8		124·1		9·5		175·2	
337/143	BABANANGO - MAG	2823	3105	1299	444·0		140·4		0·0		211·1	
337/148	WELVERDIEND	2828	3105	1317	481·7		131·2		26·4		201·1	
337/431	SURPRISE STORE	2811	3115	1032	399·2		139·3		15·0		288·6	
337/628	MTONJANENI	2828	3121	1065	372·7		107·3		45·5		155·4	
337/795	MAHLABATINI - MAG	2815	3127	843	505·3	155	92·4	53	41·2	85	211·6	87
338/618	MPILA	2818	3151	152	(134·8)		106·2		41·0		147·5	
339/ 65	HLUHLUWE - GAME RESERVE	2805	3203	452	439·3		109·7		71·2		275·0	
339/352	KANGELA	2822	3212	76	285·9		158·9		58·3		238·5	
339/357	RIVER VIEW	2827	3212	47	210·2		124·6		56·9		251·7	
339/415	HILL FARM	2825	3214	76	202·4		144·5		98·0		297·0	
339/440	PALM RIDGE	2820	3215	67	249·0		145·3		76·2		260·2	
339/441	DUKUDUKU - BOS	2821	3215	70	246·4		162·6		73·7		276·5	
339/483	HLUHLUWE - LOT 40	2803	3217	91	209·4		65·0		48·5		227·8	
339/523	NYALAZI - BOS	2813	3218	45	205·8		118·4		49·4		155·3	
339/538	ULOA	2828	3218	15	245·5		161·3		92·0		385·0	
339/681	ST LUCIA ESTUARY - BOS	2821	3223	15	299·6		170·0		119·0		301·8	
339/720	CAPE ST LUCIA - VRT	2830	3224	107	151·3	39	104·3	25	179·7	76	321·2	129
339/732	CHARTERS CREEK	2812	3225	9	217·2		(146·1)		74·0		195·5	
339/734	MAKAKATANA	2814	3225	30	311·5		130·0		87·5		282·6	
339/756	FANIES EILAND	2806	3226	45	240·3		120·0		80·5		219·5	
340/ 10	MEERSIG - BOS	2810	3231	152	187·2		162·0		126·7		343·5	
351/708	VROUENSPAN	2748	2024	840	7·6		36·5		10·0		2·0	
355/585	PILANYAN	2745	2220	1175	108·5		58·0		0·0		45·0	
355/655	JONES	2755	2222	1190	107·0		78·7		0·0		33·4	
355/808	HARTEBEESHOEK	2758	2227	1200	103·0		81·4		5·7		37·3	
355/853	MALLEY	2743	2229	1676	220·5		90·5		4·5		5·5	
356/261	INGLESBY	2751	2239	1524	120·0		(64·0)		0·0		61·5	
356/272	MITCHAM	2732	2240	1220	170·6		90·5		0·0		30·5	
356/285	HOPKINS	2745	2240	1372	196·0	121	74·5	60	0·0	0	22·9	43
356/348	PUDUHUSH	2748	2242	1370	154·2		76·2		2·3		25·0	
356/417	OLIFANTSHOEK	2757	2244	1341	240·0		78·0		6·0		40·2	
356/857	SISHEN	2747	2259	1204	192·2		117·2		1·4		21·8	
357/163	BESTWELL	2743	2306	1250	266·5		103·1		1·5		0·0	
357/413	KHOSIS	2753	2314	1370	155·0		63·1		0·0		35·5	
357/592	BRANKSEA	2752	2320	1370	186·5		112·0		0·0		38·0	
357/774	GREYLING	2754	2326	1490	169·0		86·8		0·0		29·3	
358/ 49	WONDERWERK	2749	2332	1675	268·0		128·2		6·5		64·4	
358/263	NELSONSFONTEIN	2753	2339	1600	209·0		155·1		1·5		59·0	
358/268	MOUNT CARMEL	2758	2339	1600	155·0		119·5		5·0		72·0	
358/307	VANROOYENSVLEI	2737	2341	1490	233·5		91·9		8·5		56·3	
358/349	GEZINA	2749	2342	1524	186·0		120·0		8·5		47·5	
358/577	OOSVLEI	2737	2350	1495	301·6		105·9		12·2		[illegible]	
358/825	BALBRIGGEN	2745	2358	1495	221·2		72·4		6·0		54	
359/268	KAREEPAN	2758	2409	1370	195·5		36·0		3·0		49·7	
359/304	REIVILO	2734	2411	1400	230·4		65·9		4·2		58·2	
359/313	BLESMANSPOS	2743	2411	1375	236·5		50·0		9·0		55·0	
359/352	HIGHLANDS	2752	2412	1372	212·6		60·4		11·0		63·3	
359/459	VOGELSTRUISNEK	2739	2416	1375	305·0		39·5		0·0		52·0	

R E E N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
331/474	57.4	39.4	18.0	130.8	165.3	0.0	7.0	0.0	0.0	115.0	62.3	72.3	667.5	92	585.0	81
331/520	51.7	65.1	21.5	136.3	87.0	4.2	18.4	0.0	1.4	112.8	105.7	117.4	721.5		672.1	
331/521	51.1	34.1	28.4	121.5	81.2	5.1	28.9	0.0	0.5	111.0	101.8	122.3	685.9		599.9	
331/740	65.5	50.0	32.2	107.9	127.0	6.0	27.0	0.0	0.0	143.0	65.2	159.1	782.9	111	726.5	103
331/794	68.0	46.5	17.0	123.5	152.0	0.0	16.4	0.0	0.0	126.0	132.5	122.5	804.4	114	617.4	88
331/828	47.6	45.1	33.9	114.7	112.5	3.9	23.2	0.0	0.0	103.5	84.3	134.2	702.9		631.8	
332/103	75.5	62.5	15.9	122.0	119.0	0.0	17.0	0.0	0.0	128.0	121.0	101.5	762.4	117	686.4	105
332/120	81.8	56.0	49.9	146.5	127.7	8.2	36.6	0.0	4.0	132.1	89.7	142.3	874.8	118	763.8	103
332/206	83.0	60.5	35.0	138.7	132.5	5.0	24.0	0.0	2.5	150.0	68.0	152.0	851.2	118	786.2	109
332/326	112.1	24.3	32.5	122.8	125.1	6.1	25.0	0.0	3.6	153.8	65.4	134.7	805.4	111	755.9	105
332/378	111.8	77.3	17.7	124.0	118.4	2.0	18.5	0.0	0.0	129.5	85.7	157.9	842.8		757.5	
332/591	91.0	47.0	14.0	102.0	115.0	0.0	18.0	0.0	0.0	153.5	106.5	135.5	782.5	113	676.2	98
332/614	122.4	51.5	18.5	107.9	76.0	0.0	7.5	0.0	1.0	115.2	44.5	147.0	691.5	101	643.3	94
332/663	127.0	58.5	10.6	81.5	63.8	5.3	12.7	0.0	6.9	99.8	136.1	136.4	738.6	108	719.3	105
333/ 51	49.0	95.8	14.8	90.7	99.0	0.0	0.0	0.0	0.0	148.5	233.1	67.5	798.4	126	675.3	106
333/226	126.0	65.7	34.2	89.1	89.0	1.5	8.0	2.0	0.4	113.9	116.4	144.4	790.6	129	763.8	124
333/249	123.5	42.5	5.3	68.8	65.2	4.5	4.2	1.1	*-	65.0	177.5	101.0	(658.6)		(505.5)	
333/291	109.0	77.5	22.5	79.0	91.0	0.0	10.0	1.5	1.1	110.2	172.0	111.5	785.3	126	751.8	121
333/682	166.0	91.5	40.9	31.6	95.5	0.0	0.0	0.0	8.8	106.5	85.0	113.0	738.8	74	829.3	83
333/804	238.0	280.5	79.0	38.5	142.5	0.0	4.2	2.5	15.0	177.0	146.5	142.5	1266.2	114	1369.7	123
334/176	95.6	167.8	35.8	25.3	89.3	0.0	2.6	1.3	7.2	112.5	96.7	148.7	782.8	90	798.7	91
334/678	89.3	154.5	44.5	54.0	36.8	0.0	0.0	0.0	18.0	106.4	104.1	86.9	694.5	80	(681.1)	-
334/761	127.9	192.0	90.4	61.8	81.9	0.0	25.7	9.2	34.5	143.3	147.2	137.7	1051.6	111	965.7	101
334/825	89.9	181.7	60.9	47.3	62.8	0.0	6.5	4.0	19.3	135.5	142.0	88.9	838.8	92	913.4	99
335/169	70.2	155.2	25.9	42.0	59.7	0.2	9.9	5.0	22.1	68.0	96.2	62.0	616.4		625.8	
335/250	78.5	219.0	25.5	39.5	52.5	0.0	15.0	8.0	19.5	50.0	127.0	66.0	700.5	83	748.0	88
335/377	66.3	184.8	20.6	28.1	35.9	0.0	28.0	3.2	17.0	113.7	78.8	65.5	641.9		659.6	
335/400	94.8	207.5	21.5	36.9	34.9	0.0	23.8	3.5	13.3	97.3	126.0	84.5	744.0	88	740.9	88
335/620	40.0	107.6	36.0	36.5	38.7	0.0	40.9	4.5	23.0	98.1	151.2	116.0	692.5	90	567.5	74
335/694	133.5	110.3	36.0	26.5	35.5	0.0	0.0	5.0	7.0	110.0	85.3	70.5	619.6		568.0	
336/ 16	124.5	43.0	19.5	26.5	41.5	0.0	6.0	6.0	16.0	97.0	93.5	115.5	589.0		542.5	
336/ 59	92.0	123.0	36.5	28.5	42.5	0.0	12.5	19.0	*-	111.0	93.7	117.3	(676.0)	84	587.5	73
336/283	91.3	193.1	71.1	27.3	54.2	0.0	4.5	0.0	19.8	82.5	101.0	190.5	835.3	104	792.5	99
336/292	110.5	97.5	26.0	18.0	47.5	0.0	6.0	12.0	19.0	101.7	90.0	177.7	705.9	92	621.9	81
336/594	35.3	115.1	36.6	39.1	40.6	0.4	2.5	4.0	15.5	158.7	126.2	182.9	756.9	99	530.7	69
336/863	113.5	147.5	31.5	*-	57.0	0.0	0.0	0.0	32.5	120.5	58.5	183.0	(744.0)		(620.0)	
337/ 6	60.1	157.2	43.0	30.2	50.9	0.0	0.0	9.5	35.7	73.0	66.5	162.9	689.0		745.1	
337/143	160.0	183.0	34.0	41.4	65.0	0.0	0.0	0.0	38.5	93.9	78.7	218.1	912.6	102	782.4	87
337/148	215.0	142.9	27.9	37.9	65.4	0.0	2.1	24.3	27.1	107.3	66.7	279.7	996.3	124	832.3	104
337/431	213.3	67.6	34.1	29.8	75.4	0.3	2.0	12.7	54.1	99.2	135.3	182.5	906.3		822.9	
337/628	123.0	61.5	6.8	40.8	59.7	0.0	0.0	45.5	24.5	94.2	36.7	222.9	715.6	84	716.2	84
337/795	347.7	58.7	8.4	24.1	59.9	0.0	0.0	41.2	46.2	100.2	65.2	160.2	911.8	115	914.5	116
338/618	109.1	12.7	12.0	18.2	76.0	0.0	2.3	38.7	18.5	80.5	48.5	62.9	479.4		(241.0)	
339/ 65	180.5	37.5	24.0	11.7	74.0	0.6	10.9	59.7	59.0	127.0	89.0	84.7	758.6	77	892.0	91
339/352	133.1	56.5	33.5	10.2	115.2	0.0	18.6	39.7	62.6	114.6	61.3	54.2	699.5	79	688.0	77
339/357	123.4	18.9	35.5	11.3	77.8	0.3	15.3	41.3	60.1	107.4	84.2	59.2	634.7		611.5	
339/415	109.5	32.5	47.0	20.5	77.0	3.2	25.8	69.0	73.5	141.0	82.5	57.5	739.0	76	565.2	58
339/440	137.1	28.5	37.5	7.5	100.3	0.0	14.6	61.6	68.0	121.1	71.1	66.4	713.7	81	686.3	78
339/441	133.4	24.0	47.3	9.3	106.0	0.5	16.5	56.7	75.3	133.3	67.9	55.0	725.2	75	649.4	66
339/483	83.6	14.0	15.0	0.0	50.0	0.0	0.0	48.5	42.0	101.1	84.7	66.3	505.2	70	508.1	70
339/523	52.3	20.5	42.2	14.8	61.4	0.4	16.5	32.5	28.4	69.8	57.1	59.0	454.9		510.8	
339/538	104.3	46.5	48.5	13.3	99.5	4.0	43.0	45.0	116.5	175.0	93.5	76.5	865.6	80	787.5	73
339/681	153.5	54.5	34.0	13.0	123.0	0.0	44.7	74.3	46.7	188.7	66.4	70.0	868.8		836.1	
339/720	73.9	44.5	25.2	12.0	67.1	4.8	108.7	66.2	37.7	219.1	64.4	20.6	744.2	58	611.2	48
339/732	52.0	29.3	(47.4)	16.4	82.3	0.1	19.1	54.8	37.0	98.6	59.9	54.4	(551.3)		(583.3)	
339/734	100.0	31.5	41.0	8.5	80.5	0.0	28.0	59.5	47.0	147.0	88.6	70.3	701.9	69	741.0	73
339/756	103.0	18.3	40.8	17.2	62.0	0.0	13.5	67.0	44.0	96.5	79.0	43.0	584.3		605.9	
340/ 10	81.2	18.0	44.5	42.0	75.5	0.0	66.0	60.7	70.5	141.5	131.5	61.0	792.4		723.3	
351/708	0.4	4.0	7.5	6.5	22.6	10.0	0.0	0.0	0.0	1.0	1.0	19.5	72.5		56.5	
355/585	15.0	48.5	0.0	28.0	30.0	0.0	0.0	0.0	0.0	0.0	45.0	46.5	211.0		188.5	
355/655	18.4	44.7	4.0	30.3	44.4	0.0	0.0	0.0	0.0	23.4	10.0	64.0	239.2		193.2	
355/808	7.7	64.9	0.0	34.5	46.9	5.7	0.0	0.0	0.0	28.3	9.0	64.7	261.7	103	202.4	79
355/853	9.0	121.5	7.5	49.5	33.5	4.5	0.0	0.0	0.0	2.5	3.0	88.0	319.0		348.5	
356/261	10.0	86.0	4.0	60.0	*-	0.0	0.0	0.0	0.0	26.5	35.0	68.0	(289.5)		(211.0)	
356/272	35.0	87.6	15.0	53.5	22.0	0.0	0.0	0.0	0.0	0.0	30.5	106.5	348.1	117	281.1	95
356/285	44.0	104.0	4.0	47.5	23.0	0.0	0.0	0.0	0.0	10.4	12.5	79.5	324.9	92	327.0	93
356/348	22.0	83.2	0.0	49.2	27.0	2.3	0.0	0.0	0.0	0.0	25.0	61.3	270.0	86	253.2	81
356/417	32.5	135.0	0.0	45.0	33.0	6.0	0.0	0.0	0.0	19.2	21.0	66.5	358.2	106	356.6	106
356/857	36.4	96.4	18.1	46.4	52.7	1.4	0.0	0.0	0.0	10.5	11.3	131.8	405.0		(325.5)	
357/163	52.5	107.5	0.0	60.1	43.0	0.0	1.5	0.0	0.0	0.0	0.0	70.5	335.1		385.1	
357/413	52.5	45.5	14.6	10.0	38.5	0.0	0.0	0.0	0.0	11.5	24.0	96.5	293.1	89	230.0	69
357/592	51.5	68.0	27.0	44.0	41.0	0.0	0.0	0.0	0.0	10.5	27.5	98.0	367.5	115	330.5	102
357/774	13.0	91.5	0.0	56.5	30.3	0.0	0.0	0.0	0.0	7.0	22.3	106.0	326.6	91	311.3	87
358/ 49	44.5	128.7	19.3	49.4	59.5	1.0	5.5	0.0	0.0	17.5	46.9	68.5	440.8		484.2	
358/263	54.3	96.7	37.6	36.3	81.2	1.5	0.0	0.0	0.0	12.3	46.7	60.8	427.4	99	448.1	104
358/268	23.0	78.5	11.0	59.5	49.0	0.0	5.0	0.0	0.0	12.0	60.0	113.0	411.0		328.0	
358/307	56.9	128.0	11.0	28.2	52.7	4.0	4.5	0.0	0.0	15.3	41.0	110.3	451.9	103	389.5	89
358/349	31.8	95.0	23.0	19.0	78.0	3.0	5.5	0.0	0.0	15.7	31.8	66.7	369.5	84	377.8	86
358/577	75.8	147.1	33.2	24.2	48.5	5.5	6.7	0.0	0.0	14.2	45.5	100.7	501.4		478.6	
358/825	38.E	118.2	14.0	21.4	37.0	6.0	0.0	0.0	0.0	10.0	44.0	35.2	324.3		347.1	
359/268	25.0	131.0	10.0	4.0	22.0	0.0	3.0	0.0	0.0	21.5	28.2	44.0	288.7	75	323.6	84
359/304	87.0	96.0	9.8	30.1	26.0	1.5	2.7	0.0	0.0	44.3	43.9	78.1	389.4	88	359.0	81
359/313	65.5	95.5	7.5	14.5	28.0	0.0	9.0	0.0	0.0	15.0	40.0	53.5	328.5		360.0	
359/352	70.3	98.8	21.2	12.5	26.7	2.0	9.0	0.0	0.0	21.3	42.0	55.2	359.0		358.5	
359/459	135.0	93.5	7.0	20.5	12.0	0.0	0.0	0.0	0.0	15.0	37.0	81.0	401.0	98	397.7	96

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1959

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL / QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
359/569	KNOCKBARRAGH	27°59′	24°19′	1250	308·6	148	42·0	30	11·5	62	60·4	92
359/808	BOETSAP	2758	2427	1189	241·5	110	50·8	35	9·0	40	90·0	125
360/204	ESPAGSDRIF	2754	2437	1065	212·7		94·5		0·0		52·1	
360/432	MAGOGONG - 2J11	2742	2445	1130	184·0		72·5		9·5		14·5	
360/483	TAUNG - AGR	2733	2447	1097	295·6		74·5		10·5		26·5	
360/512	TAUNG - POL	2732	2448	1097	271·7		82·1		14·0		25·3	
360/527	POKWANI - 4H5	2747	2448	1130	269·1		70·5		10·5		40·0	
360/595	JAN KEMPDORP - IRR	2755	2450	1153	292·2		79·7		17·7		68·0	
360/597	VAALHARTS - AGR	2757	2450	1175	258·9		73·2		17·6		88·8	
361/ 61	SWEETWILLIAM	2731	2503	1350	201·2		82·0		14·4		32·5	
361/220	GRASPAN	2740	2508	1219	193·3		59·3		8·5		46·9	
361/277	WELKOM	2737	2510	1310	193·3		78·6		9·0		30·1	
361/285	DE HOOP	2745	2510	1219	303·9		91·0		16·0		65·0	
361/295	CHRISTIANA - TNK	2755	2510	1207	233·5	116	71·5	53	15·0	73	62·2	66
361/354	STOWLANDS	2754	2512	1219	241·7		87·4		11·0		76·2	
361/496	WITGATBOOM	2746	2517	1255	283·0		85·0		2·5		26·5	
361/760	PALMIETFONTEIN	2740	2526	1189	365·8		117·4		13·0		38·1	
361/832	KALKPOORT	2752	2528	1295	180·0		77·8		4·0		54·6	
361/846	SA LOMBARD RESERVAAT	2736	2529	1250	222·2		87·1		17·7		46·2	
362/159	BLOEMHOF - POL	2739	2536	1234	194·0	89	104·0	73	16·0	85	49·1	47
362/456	KAMEELFONTEIN	2736	2546	1250	202·1		97·5		23·0		66·9	
362/466	BEESKRAAL	2746	2546	1250	266·6		129·0		22·5		87·0	
362/695	VAALBANK	2735	2554	1250	287·0		98·0		42·5		31·5	
362/710	HOOPSTAD - TNK	2750	2554	1239	274·4		96·4		27·2		106·3	
362/862	WINTERSVLEI	2752	2559	1250	270·8		91·6		29·5		106·3	
362/884	ELLASRUS	2744	2600	1280	206·9		111·5		26·7		60·0	
363/398	MOOIVELD	2738	2614	1280	195·1		139·6		46·0		158·7	
363/451	HENDRIK THERON	2731	2616	1299	187·2		80·9		36·5		94·9	
363/470	RIETVLEI	2750	2616	1297	255·9		156·0		35·4		79·9	
363/651	WESSELSBRON - MUN	2751	2622	1325	227·0		79·1		31·0		87·1	
364/ 93	HANOVERSPAN	2733	2634	1280	186·0		101·0		33·5		113·0	
364/119	MAHEMSPRUIT	2759	2634	1318	201·0		129·9		37·7		142·3	
364/322	ODENDAALSRUS	2752	2641	1341	191·9		115·9		22·6		117·9	
364/450A	WELKOM - AER	2800	2645	1359	155·2		137·1		30·2		77·3	
364/546	RICHMOND NORTH	2736	2649	1308	134·5		95·0		12·5		110·3	
364/562	NEWLANDS	2752	2649	1372	183·0		174·5		41·1		95·8	
364/728	TOGGEKRY	2738	2655	1539	143·3		131·7		26·9		179·0	
365/143	HOLFONTEIN - BOS	2753	2705	1448	172·4		194·2		33·5		132·5	
365/396	KROONSTAD - AGR	2736	2714	1426	180·3		141·1		24·9		98·5	
365/400	KROONSTAD - PARK	2740	2714	1348	187·3	69	127·6	79	26·1	96	180·2	114
365/409	LEEUSPRUIT WES	2749	2714	1402	194·9		168·7		29·5		123·5	
365/444	SWARTKOPPIE	2754	2715	1414	202·0		130·7		32·5		151·7	
365/538	KLEININBREEK	2758	2718	1493	259·9		264·5		36·0		158·0	
365/731	FONTEINLAAGTE	2741	2725	1433	262·7		154·7		10·0		199·2	
365/855	RIENZI	2745	2729	1433	177·0		129·7		15·4		200·5	
366/117	STEYNSRUS - MUN	2757	2734	1524	161·4		296·6		26·0		213·0	
366/303	EDENVILLE - MUN	2733	2741	1509	229·0		162·5		0·0		198·5	
366/359	WIKPUNT	2759	2742	1570	219·4		271·2		25·5		273·9	
366/371	WAAIHOEK	2741	2743	1567	166·5		181·9		24·5		200·5	
366/517	SPRINGVALE	2737	2748	1645	219·2		122·6		14·0		181·8	
366/529	KISMET ESTATE	2749	2748	1539	185·2		202·6		16·2		202·3	
366/662	MARAISRUST	2732	2753	1480	113·5		167·0		14·5		170·0	
366/710	MOOIHOEK	2750	2754	1539	268·7		211·2		15·1		190·0	
366/735	OATLANDS	2745	2755	1631	168·1		175·0		5·8		180·4	
366/743	LINDLEY	2753	2755	1490	292·5	96	218·5	137	17·2	57	203·8	116
366/846	DANIELSRUS	2736	2759	1646	234·6		145·4		11·3		188·0	
366/872	GERTRUIDA	2732	2800	1585	188·9		164·3		15·4		182·8	
367/ 66	LANQUEDOC	2736	2803	1643	284·8		187·3		14·9		176·5	
367/177	BRONKHORSTFONTEIN	2757	2806	1597	248·0		218·1		18·8		227·6	
367/219	PETRUS STEYN - MUN	2739	2808	1707	312·5		181·5		19·0		206·7	
367/484	ERFENIS	2734	2817	1705	375·5		177·0		25·0		198·5	
367/600	WOODFORT	2800	2820	1619	263·7		194·6		19·8		259·0	
367/768	REITZ	2748	2826	1615	--	-	255·3	150	13·7	42	203·1	104
367/780	GOEDEHOOP	2800	2826	1683	288·1		193·7		13·5		196·0	
368/ 3	TWEELING - POL	2733	2831	1615	308·5		170·5		4·0		178·9	
368/222	KAPPA	2742	2838	1707	249·6		230·6		25·1		196·7	
368/243	BELLADALE	2733	2839	1663	269·0		138·1		12·0		191·7	
368/634	WOUDZICHT	2734	2852	1622	323·1		152·9		26·6		265·4	
368/831	WARDEN - MAG	2751	2858	1631	322·5		135·5		11·0		201·3	
369/ 30	SYLVAN	2800	2901	1859	359·0		140·5		18·0		281·5	
369/117	HERITAGE	2757	2904	1800	456·5		161·9		1·8		276·5	
369/136	GEORGESKRAAL	2746	2905	1768	276·8		157·2		19·6		310·5	
369/185	BELLEVUE	2735	2907	1830	329·3		98·6		17·3		311·4	
369/238	BUCKLAND DOWNS	2758	2908	1780	402·0		177·0		14·7		255·1	
369/284	ROCCO	2744	2910	1844	227·4		173·4		20·0		315·5	
369/505	VERKYKERSKOP - POL	2755	2917	1830	386·3		168·5		6·0		273·7	
369/596	HEELGOED	2756	2920	1890	368·5		(18·0)		13·0		267·7	
369/720	GROOTHOEK	2800	2924	1768	322·5		174·0		10·0		(28·0)	
369/785	TYGERFONTEIN	2735	2927	1890	341·1		182·5		15·5		(61·0)	
369/819	MONS	2739	2928	1768	232·4		185·3		10·5		[illegible]	
369/896	KROMHOF - POL	2756	2930	1860	296·0	92	162·0	120	6·5	20	232·4	111
370/101	MEMEL - SKL	2741	2934	1728	268·7		181·0		4·0		331·2	
370/101A	MEMEL - MUN	2741	2934	1728	277·0		185·8		11·0		346·1	
370/352	MUNRO S WINKEL	2752	2942	1830	444·2		153·1		21·0		399·6	
370/407	MOEDERSRUS	2747	2944	1890	521·5		303·5		31·5		512·5	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASJES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
359/569	114·1	129·1	7·7	15·2	19·1	1·5	10·0	0·0	0·0	23·1	37·3	52·0	409·1	95	467·8	109
359/808	66·5	81·0	18·0	17·8	15·0	0·0	9·0	0·0	0·0	33·5	56·5	131·6	428·9	93	332·3	72
360/204	39·5	58·7	40·5	29·5	24·5	0·0	0·0	0·0	0·0	15·3	36·8	31·6	276·4	63	365·2	83
360/432	51·0	46·5	7·5	33·5	31·5	0·0	9·5	0·0	0·0	10·0	4·5	47·0	241·0		304·0	
360/483	72·1	44·4	22·5	41·0	11·0	2·5	8·0	0·0	0·0	10·5	16·0	97·0	325·0		415·6	
360/512	70·7	29·7	30·6	36·0	15·5	3·0	11·0	0·0	0·0	12·3	13·0	104·5	326·3	75	406·7	93
360/527	100·5	61·0	0·0	40·5	30·0	1·0	9·5	0·0	0·0	21·5	18·5	62·0	344·5		424·1	
360/595	119·4	54·6	16·3	35·0	28·4	3·3	14·4	0·0	0·0	22·0	46·0	56·3	395·7	87	420·4	92
360/597	100·6	60·8	9·2	36·2	27·8	2·0	15·6	0·0	0·0	37·9	50·9	69·7	410·7		373·7	
361/ 61	55·7	66·5	0·0	36·5	45·5	5·2	9·2	0·0	0·0	13·6	18·9	50·2	301·3		330·7	
361/220	75·8	39·7	17·0	19·5	22·8	0·0	8·5	0·0	0·0	11·9	35·0	75·0	305·2	68	314·5	71
361/277	68·4	47·2	4·2	39·1	35·3	0·0	9·0	0·0	0·0	13·4	16·7	49·3	282·6		336·0	
361/285	105·1	51·1	52·0	26·0	13·0	5·0	11·0	0·0	0·0	20·5	44·5	75·5	403·7	110	449·4	122
361/295	86·5	39·0	0·0	43·2	28·3	4·0	11·0	0·0	0·0	8·7	53·5	68·5	342·7	76	371·4	82
361/354	91·5	32·5	21·0	33·5	32·9	0·0	11·0	0·0	0·0	19·9	56·3	78·3	376·9	89	377·1	90
361/496	116·5	42·5	32·0	25·0	28·0	0·0	2·5	0·0	0·0	1·5	25·0	73·2	346·2		408·0	
361/760	123·5	54·6	23·4	56·5	37·5	0·0	13·0	0·0	0·0	12·5	25·6	79·6	426·2	101	558·2	132
361/832	70·5	28·5	16·0	31·3	30·5	0·0	4·0	0·0	0·0	10·0	44·6	45·5	280·9	64	300·9	69
361/846	88·2	29·3	15·0	25·1	47·0	1·7	16·0	0·0	0·0	17·7	28·5	37·3	305·8		392·3	
362/159	61·5	34·0	21·5	25·0	57·5	0·0	16·0	0·0	1·4	32·0	15·7	68·7	333·3	69	356·5	74
362/456	75·0	46·0	35·0	30·5	32·0	0·0	23·0	0·0	0·0	36·2	30·7	104·5	412·9		341·9	
362/466	81·5	47·0	24·5	47·5	57·0	1·5	21·0	0·0	0·0	37·5	49·5	60·0	427·0	85	440·7	88
362/695	131·5	84·0	0·0	48·5	49·5	0·0	42·5	0·0	0·0	31·5	0·0	88·0	475·5	102	531·0	114
362/710	73·4	73·0	14·0	36·4	46·0	1·0	26·2	0·0	0·0	64·7	49·6	60·0	444·3		427·7	
362/862	80·5	44·3	9·7	42·9	39·0	1·0	28·5	0·0	0·0	57·8	48·5	67·7	419·9	81	457·9	88
362/884	48·0	63·2	38·0	37·7	35·8	0·0	26·7	0·0	0·0	19·4	40·6	81·9	391·3		406·1	
363/398	74·7	39·0	66·3	42·2	31·1	9·0	37·0	0·0	0·0	85·2	73·5	120·5	578·5		466·3	
363/451	58·6	84·2	12·5	24·2	44·2	4·0	32·5	0·0	15·5	49·2	30·2	105·9	461·0	92	342·4	68
36 /470	98·7	43·5	46·5	74·5	35·0	0·4	35·0	0·0	0·0	45·9	34·0	39·5	453·0	91	459·0	92
36 /651	97·0	48·7	13·6	47·0	18·5	0·0	31·0	0·0	1·5	51·0	34·6	34·3	377·2	83	360·9	80
364/ 93	77·5	56·5	13·0	57·5	30·5	5·0	28·5	0·0	0·0	58·5	54·5	60·5	442·0	84	385·5	74
364/119	69·8	61·7	27·3	57·8	44·8	0·6	37·1	0·0	1·9	82·5	57·9	75·2	516·6	98	389·8	74
364/322	47·4	40·0	18·5	56·9	40·5	4·5	18·1	0·0	0·0	71·4	46·5	51·5	395·3	82	379·3	79
364/450A	52·4	38·8	15·1	74·5	47·5	1·3	28·9	0·0	0·7	72·3	44·3	94·3	470·1		353·6	
364/546	68·0	26·5	16·0	45·0	34·0	0·0	12·5	0·0	0·4	69·4	40·5	42·0	354·3	73	290·5	60
364/562	42·0	46·4	22·3	96·5	55·7	5·6	35·5	0·0	0·5	66·2	29·1	44·0	443·8	88	422·1	84
364/728	62·4	25·0	22·8	69·8	39·1	4·3	22·6	0·0	1·5	81·7	95·8	73·1	498·1	93	346·3	65
365/143	49·5	23·0	35·5	87·7	71·0	6·0	27·5	0·0	6·0	70·0	56·5	82·8	515·5	78	483·7	73
365/396	75·3	33·0	26·4	68·7	46·0	6·4	18·5	0·0	10·5	52·0	36·0	82·0	454·8		446·0	
365/400	77·3	27·0	16·8	62·6	48·2	4·0	22·1	0·0	10·0	103·1	67·1	78·9	517·1	84	419·8	68
365/409	70·4	39·0	21·5	96·0	51·2	7·5	22·0	0·0	10·0	69·5	44·0	80·5	511·6	90	470·6	83
365/444	79·5	38·5	20·7	80·5	29·5	7·5	25·0	0·0	13·0	83·7	55·0	70·0	502·9	80	468·8	75
365/538	85·4	45·5	43·0	109·0	112·5	5·0	31·0	0·0	15·0	81·0	62·0	108·0	697·4	119	642·6	109
365/731	91·2	79·0	21·2	83·5	50·0	0·0	10·0	0·0	19·5	101·5	78·2	91·8	625·9	130	514·0	106
365/855	71·5	44·7	11·5	74·7	43·5	0·0	15·4	0·0	22·2	112·0	66·3	104·1	565·9	137	407·4	99
366/117	41·5	49·4	40·0	130·6	126·0	2·0	24·0	0·0	30·0	108·0	75·0	98·0	724·5	127	553·0	97
366/303	134·0	31·5	39·5	78·0	45·0	0·0	0·0	0·0	24·5	104·5	69·5	54·2	580·7	92	501·5	79
366/359	76·6	37·5	110·8	92·0	68·4	4·5	21·0	0·0	16·0	122·4	135·5	182·0	866·7		609·0	
366/371	64·5	28·5	15·5	115·9	50·5	12·0	12·5	0·0	19·5	100·5	80·5	128·0	627·9	119	508·1	96
366/517	95·7	24·0	6·2	78·9	37·5	5·0	9·0	0·0	17·5	114·1	50·2	153·7	591·8		544·5	
366/529	65·5	23·7	45·4	100·7	56·5	5·2	11·0	0·0	13·5	97·8	91·0	160·4	670·7	100	557·1	83
366/662	57·0	0·0	26·0	69·0	72·0	6·0	8·5	0·0	4·0	98·0	68·0	96·0	504·5	86	434·2	74
366/710	38·1	21·1	58·1	96·8	56·3	5·6	9·5	0·0	3·0	108·6	78·4	128·2	603·7	92	618·8	93
366/735	89·3	3·2	22·0	101·1	51·9	5·8	0·0	0·0	0·7	91·0	88·7	140·3	594·0	93	512·0	80
366/743	40·5	26·5	70·0	91·5	57·0	5·0	12·2	0·0	2·0	114·5	87·5	160·0	666·5	99	681·3	102
366/846	56·0	47·9	27·1	80·1	38·2	2·5	8·8	0·0	4·5	102·5	81·0	143·5	592·1	92	556·3	88
366/872	44·2	45·9	38·9	81·0	44·4	5·6	9·8	0·0	4·5	100·5	77·8	142·6	595·2	91	588·7	90
367/ 66	73·7	22·5	66·2	74·7	46·4	7·5	7·4	0·0	4·0	110·5	62·0	109·1	584·0	89	642·4	98
367/177	53·6	36·1	50·5	100·1	67·5	7·8	11·0	0·0	11·5	137·4	78·7	127·1	681·3	96	613·7	86
367/219	122·0	36·0	40·5	95·0	46·0	10·0	9·0	0·0	2·5	117·2	87·0	152·0	717·2	98	718·5	109
367/484	154·0	62·5	39·0	85·0	53·0	4·5	20·5	0·0	2·5	114·0	82·0	122·5	739·5		732·0	
367/600	76·7	48·0	32·6	93·5	68·5	7·7	12·1	0·0	1·0	126·0	132·0	143·0	741·1	106	666·1	95
367/768	--	--	84·8	111·4	59·1	3·0	10·7	0·0	0·0	117·5	85·6	121·1	(593·2)	-	(258·3)	-
367/780	119·5	36·1	22·5	105·4	65·8	7·5	6·0	0·0	0·0	109·5	86·5	110·5	669·3	95	709·0	101
368/ 3	144·0	21·0	45·5	67·0	58·0	0·0	4·0	0·0	0·0	83·0	95·9	115·0	633·4	96	664·0	100
368/222	87·0	32·1	76·7	93·9	60·0	7·4	17·7	0·0	1·9	103·5	91·3	113·0	684·5	101	683·3	100
368/243	96·0	50·0	33·2	39·4	65·5	3·0	9·0	0·0	2·5	101·5	87·7	61·0	548·8	73	633·3	85
368/634	142·8	49·3	32·9	69·5	50·5	3·5	23·0	0·1	1·5	132·4	131·5	88·2	725·2	84	754·6	87
368/831	105·0	105·0	3·0	73·5	59·0	0·0	11·0	0·0	1·8	117·5	82·0	111·0	668·8	105	604·5	95
369/ 30	96·0	84·5	0·0	77·5	63·0	7·5	10·5	0·0	0·0	95·0	186·5	144·5	765·0	114	684·5	102
369/117	123·8	179·9	19·3	63·4	79·2	1·8	0·0	0·0	1·3	116·8	158·4	137·1	881·0	127	(842·9)	121
369/136	86·4	97·6	23·0	58·6	75·6	0·0	19·6	0·0	12·3	81·8	216·4	215·2	886·5	158	713·9	127
369/185	193·9	53·5	23·7	47·4	27·5	9·5	7·8	0·0	0·0	87·6	223·8	142·5	817·2		659·8	
369/238	142·5	72·5	26·0	84·5	66·5	2·0	12·7	0·0	0·0	106·1	149·0	140·5	802·3	113	840·5	119
369/284	112·7	65·6	39·6	90·6	43·2	0·0	20·0	0·0	16·7	84·9	213·9	138·2	825·4	132	591·8	95
369/505	139·0	51·8	11·5	77·0	80·0	0·0	6·0	0·0	4·7	136·5	132·5	98·0	737·0	102	793·4	110
369/596	116·0	37·0	18·0	--	--	0·0	13·0	0·0	0·0	132·0	135·7	97·7	(549·4)		(642·0)	
369/720	158·4	65·6	33·5	70·0	70·5	2·5	5·0	2·5	6·0	--	(22·0)	107·3	(543·3)		764·5	100
369/785	113·0	52·5	41·5	81·0	60·0	0·0	15·5	0·0	15·0	46·0	--	110·5	(535·0)		788·1	114
369/819	53·1	38·5	44·8	82·6	57·9	0·0	10·5	0·0	10·5	131·6	170·6	130·4	730·5	101	63[illegible]·1	88
369/896	67·3	56·2	33·0	64·0	65·0	0·0	6·5	0·0	2·4	93·5	136·5	74·0	598·4	86	728·[illegible]	[illegible]05
370/101	66·4	80·3	54·0	69·0	58·0	0·0	4·0	0·0	13·0	148·3	169·9	50·1	713·0	100	648·5	91
370/101A	64·9	83·5	54·1	73·7	58·0	0·0	11·0	0·0	16·0	151·0	179·1	112·0	803·3		689·6	
370/352	157·5	71·2	74·5	78·6	120·5	0·0	21·0	0·0	30·3	135·8	233·5	184·8	1107·7	100	1008·3	91
370/407	194·0	80·0	110·0	79·0	114·5	0·0	31·5	0·0	52·0	165·0	295·5	253·5	1375·0	101	1090·5	80

R E Ë N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	Ø S	λ E	H M	KWARTAAL / QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
370/486	LOSKOP	27°36′	29°47′	1311	185·5		129·7		4·6		250·2	
370/735	NEWCASTLE - TNK	2745	2955	1211	382·7	86	212·5	113	1·0	3	316·0	140
370/765	NEWCASTLE - CON	2745	2956	1199	393·0		207·3		3·0		305·8	
370/807	NGAGANE DAM	2757	2957	1219	(218·4)		177·3		9·0		301·7	
370/815	SWAARVERDIENT	2735	2958	1220	239·2		129·5		1·0		275·3	
370/834	BALLENGEICH	2754	2958	1250	429·3		176·9		16·9		319·8	
371/ 67	NEW HOPE	2737	3003	1219	292·6		138·1		10·5		252·5	
371/150	TRY AGAIN	2800	3005	1402	348·1		135·8		18·0		230·4	
371/214	RUSTVERWACHT	2734	3008	1370	344·8		229·9		7·5		304·3	
371/421	SKURWEKLIP	2731	3015	1890	489·0		127·5		0·0		308·6	
371/579	UTRECHT - TNK	2739	3020	1197	307·0	83	112·5	71	6·5	15	288·8	126
371/598	KLIPFONTEIN	2758	3020	1189	256·4		120·3		7·6		244·2	
371/706	WAAIHOEK	2746	3024	1277	332·2		126·1		12·8		262·1	
372/ 45	GOEDEHOOP	2745	3032	1370	390·6		114·3		7·0		258·6	
372/361	MARTHINUSDRIFT	2731	3043	1128	(35·5)		120·5		9·0		272·0	
372/496	VRYHEID - TNK	2746	3047	1189	287·5		181·1		21·5		261·8	
372/570	WATERVAL	2800	3049	1097	353·9		87·5		6·5		182·5	
372/852	HLOBANE	2742	3059	1262	267·0		149·4		32·5		179·4	
373/ 58	GLUCKSTADT - SKL	2758	3102	1000	398·5	104	161·5	85	23·5	52	284·5	120
373/ 80	LANGKRANS	2750	3103	1524	438·2	84	199·5	77	38·0	55	358·1	106
373/ 94	PARYS	2734	3104	1067	306·0		134·5		9·0		195·0	
373/169	BOSHOEK-NATAL ANTHR COLL	2749	3106	1341	435·5		166·7		37·5		295·7	
373/316	GESONDHEID	2746	3111	1065	347·5		128·0		36·5		310·0	
373/329	VLAKFONTEIN	2759	3111	915	230·2		125·9		23·3		220·8	
373/485	LOUWSBURG - MAG	2735	3117	1250	341·5	98	144·0	85	18·0	40	259·7	111
373/680	NGOMI - BOS	2750	3123	1250	590·0	83	271·5	75	57·5	56	465·6	110
374/197	TOKAZI	2747	3137	579	199·7		100·0		38·5		292·9	
374/242	MAGUDU	2732	3139	610	404·0		51·0		7·0		188·0	
374/264	NONGOMA - NAF	2754	3139	823	398·0	103	86·5	38	80·0	138	266·4	111
374/402	ZILVERHOUT	2742	3144	457	247·9		93·3		22·0		136·7	
374/483	RONDAWEL	2733	3147	305	224·0		99·0		13·0		164·0	
374/724	DOORNHOEK	2734	3155	380	198·9		90·0		41·2		167·4	
374/872	NKONKONI	2732	3200	152	211·6		119·7		29·5		211·6	
375/ 37	MKUZE	2737	3202	125	199·2		94·7		23·8		185·9	
375/124	UBOMBO - MAG	2734	3205	549	415·5	113	107·0	52	29·5	61	368·0	171
375/366	MKUZE GAME RESERVE	2736	3213	135	228·4		59·9		18·0		194·7	
375/444	HARROGATE	2754	3215	80	164·0		64·5		27·5		182·2	
375/506	VERGENOEG	2756	3217	80	167·8		68·7		7·1		199·9	
375/688	FALSE BAY CAMP	2758	3223	40	189·5		60·3		26·5		195·0	
387/240	WITKOP - SKL	2730	2008	850	34·0		18·5		9·0		7·0	
389/664	WILDSGENOT	2704	2123	884	74·0		40·6		0·0		8·5	
390/155	TOTSPLAAS	2705	2136	884	74·4		88·5		0·0		0·0	
390/514	MATLAPANEN	2704	2148	792	110·2		114·0		0·0		19·5	
391/834	WHYENBAH	2724	2228	1372	183·0		112·0		0·0		22·8	
391/857	DEDEBEN	2717	2229	1219	153·5		82·8		1·5		9·5	
392/148	WINTON	2728	2235	1190	154·0		98·2		0·0		23·8	
392/473	DIEPWATER	2723	2246	1095	186·7		(74·9)		0·0		0·0	
392/640	MUKULU	2710	2252	1065	122·3		34·0		0·0		14·1	
392/680	HEUNINGDRAAI	2720	2253	1065	159·2		105·5		0·0		14·0	
393/ 83	MILNER	2723	2303	1145	148·8		(77·5)		0·0		16·5	
393/225	KAREEPAN	2715	2308	1219	178·5		112·4		2·4		17·3	
393/382	MOUNT ROPER	2722	2313	1250	199·3		113·5		0·0		30·0	
393/476	WHITEBANK MINE	2726	2316	1341	247·3		119·3		2·7		40·9	
393/566	WHITEBANK MILL	2726	2319	1463	285·4		158·0		0·0		20·0	
393/562	COLVILLE	2702	2323		185·8		56·5		3·5		16·9	
393/778	KURUMAN - TNK	2728	2326	1312	258·9		117·0		7·0		48·9	
394/ 37	LIVINGSTONE	2707	2332	1235	226·6		55·6		1·9		43·8	
394/366	EUSTON	2706	2343	1295	139·6		42·0		6·5		29·5	
394/574	BOTHITHO - POL	2704	2350	1295	158·0		67·0		12·5		38·0	
394/878	BOSCOBEL	2708	2400	1372	82·8		39·4		0·0		46·5	
395/483	GELUK	2703	2417	1370	170·0		78·5		1·0		49·0	
395/822	LYNLEY	2712	2428	1340	228·5		66·5		17·5		43·0	
396/182	KAMEELFONTEIN	2702	2437	1250	225·5		101·5		11·0		33·0	
396/271	RETREAT	2701	2440	1219	327·0		124·8		12·0		26·5	
396/284	MADRID	2714	2440	1219	299·1	144	82·5	55	12·5	85	57·7	70
396/454	TIGERKLOOF	2704	2446	1200	443·4		134·6		10·6		27·9	
396/738	UITVALSKOP	2718	2455	1370	381·2		121·5		14·5		46·5	
396/813	LELIEFONTEIN	2703	2458	1219	431·6		128·7		13·2		64·1	
397/ 75	AMALIA	2715	2503	1310	343·5		119·5		22·3		42·0	
397/114	NAAUWPOORT	2724	2504	1250	252·1		72·5		15·5		43·5	
397/581	SCHWEIZER RENEKE - POL	2711	2520	1280	212·0		60·0		16·5		62·5	
397/784	KOPPIESVLEI	2704	2527	1340	259·5		74·5		13·3		74·2	
398/ 91	VLEESCHKRAAL	2701	2534	1370	(246·2)		88·0		21·8		31·2	
398/177	ZEVENFONTEIN	2727	2536	1280	234·9	109	53·1	37	21·3	111	47·4	52
398/409	RIETPAN	2719	2544	1325	229·1		65·7		22·0		70·9	
398/508	KINGSWOOD	2728	2547	1295	240·5		67·1		17·5		60·5	
398/556	HOLLOWAYSRUST	2716	2549	1372	222·2		70·5		18·0		46·5	
398/876	ROOIPOORT	2706	2600	1311	233·2		59·3		23·5		77·5	
399/114	BRANDEWYNSKUIL	2724	2604	1310	105·0		(71·0)		29·0		85·0	
399/208	DRIEKOPPIES	2728	2607	1305	193·7		62·1		31·5		7[illegible]·5	
399/241	LEEUKOP	2701	2609	1219	207·0	89	103·6	67	33·5	236	8[illegible]	91
399/404	LEEUDORINGSTAD - SKL	2714	2614	1319	180·6		138·9		26·5		104·6	
399/515	SYFERGAT	2705	2618	1340	166·5		92·9		30·6		152·0	
399/662	DOORNPLAAT	2702	2623	1318	222·2		92·4		24·0		129·2	
399/894	BALKFONTEIN	2724	2630	1280	126·3		131·4		28·6		110·0	
400/647	BOVENLANDSPLAATS	2717	2652	1384	242·8		157·1		19·0		102·7	

R E Ē N V A L R A I N F A L L

TOTALE REĒNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC MM	JAAR PER	YEAR JUL 1958 JUN 1959 MM	YEAR PER
370/486	30.9	33.9	28.9	39.3	61.5	0.0	3.5	1.1	28.0	83.5	138.7	62.2	511.5	60	513.5	60
370/735	82.5	101.5	134.0	40.5	38.0	0.0	0.0	1.0	33.5	122.0	160.5	118.8	832.3	93	872.3	97
370/765	81.3	119.3	123.1	43.1	41.1	0.3	1.7	1.0	34.8	115.2	155.8	122.4	839.1		857.4	
370/807	95.0	123.4	83.2	45.6	48.5	0.1	7.6	1.3	31.6	87.5	182.6	101.9	808.3		-	
370/815	32.0	18.0	48.5	10.0	71.0	0.0	0.0	1.0	33.5	79.0	162.8	59.5	515.3	88	509.0	74
370/834	99.8	173.5	89.0	47.2	40.7	0.0	16.9	0.0	32.0	110.8	177.0	96.1	883.0	103	895.7	104
371/ 67	44.9	43.0	88.6	26.0	23.5	0.0	0.0	10.5	44.5	90.9	117.1	69.3	558.3		627.5	
371/150	101.9	130.5	50.6	33.0	52.2	0.0	18.0	0.0	31.5	74.1	124.8	148.0	764.6	93	691.9	85
371/214	76.7	87.8	116.5	29.3	84.1	0.0	0.0	7.5	58.8	87.3	158.2	121.8	828.0		793.2	
371/421	106.0	162.0	81.5	35.0	(11.0)	0.0	0.0	0.0	41.0	92.5	175.1	119.5	(823.6)		(873.0)	
371/579	71.0	88.0	35.0	26.5	51.0	0.0	0.0	6.5	53.5	90.5	144.8	115.0	681.8	85	691.5	86
371/598	47.0	93.5	21.8	40.0	58.5	0.0	3.6	4.0	28.2	79.0	137.0	79.0	591.6		578.5	
371/706	84.2	86.7	36.2	28.0	61.9	0.0	5.0	7.8	38.7	99.1	124.3	104.9	676.8	99	718.5	105
372/ 45	170.1	98.5	46.5	20.5	47.3	0.0	0.0	7.0	51.0	32.1	175.5	108.4	756.9		822.9	
372/361	+-	35.5	42.0	21.5	57.0	0.0	9.0	0.0	53.0	92.5	126.5	167.0	(604.0)			
372/496	83.8	73.2	45.6	56.5	79.0	0.0	5.5	16.0	44.5	106.3	111.0	127.5	748.9	87	749.5	88
372/570	194.5	127.5	0.0	53.5	34.0	0.0	1.5	5.0	38.0	77.0	67.5	99.0	697.5	100	690.4	99
372/852	77.7	90.0	67.1	32.2	50.1	0.0	11.5	21.0	62.0	85.3	32.1	155.4	684.4	95	794.6	111
373/ 58	103.5	167.5	40.0	50.5	71.0	0.0	3.0	20.5	90.5	103.5	90.5	211.0	951.5	111	920.0	107
373/ 80	168.8	112.0	43.9	53.6	102.0	0.0	7.0	31.0	88.2	135.6	134.3	196.5	1072.9	90	1038.7	87
373/ 94	44.5	76.5	53.5	15.5	65.5	1.0	3.0	5.0	51.5	82.5	61.0	148.5	608.0		822.9	
373/169	160.2	150.9	63.1	30.1	73.5	0.0	7.5	30.0	87.2	98.8	109.7	(130.4)	(941.4)		946.1	
373/316	184.0	61.5	24.0	38.5	65.5	0.0	0.0	36.5	94.0	93.5	122.5	152.5	872.5		761.0	
373/329	84.6	50.8	25.0	25.7	75.2	0.0	3.5	19.8	57.0	98.8	65.0	160.6	666.0		697.4	
373/485	90.0	50.0	45.0	13.5	85.5	0.0	0.0	18.0	43.5	87.1	129.1	142.2	703.9	88	785.5	98
373/680	210.0	116.5	75.0	101.0	95.5	0.0	3.0	54.5	108.5	161.5	195.6	192.7	1313.8	82	1424.0	89
374/197	48.5	43.4	26.0	6.0	68.0	0.0	0.0	38.5	69.9	97.0	126.0	89.0	612.3	89	592.0	86
374/242	190.0	85.0	0.0	6.0	45.0	0.0	0.0	7.0	38.0	51.0	99.0	122.0	643.0		797.0	
374/264	150.4	60.0	21.5	15.1	49.9	0.0	3.5	76.5	78.0	111.4	77.0	96.5	739.8	81	843.7	92
374/402	89.5	71.5	15.5	3.5	74.3	0.0	0.0	22.0	27.4	73.3	36.0	108.0	521.0	97	642.3	120
374/483	74.0	62.0	14.0	3.0	82.0	0.0	0.0	13.0	47.0	62.0	55.0	107.5	519.5		543.0	
374/724	60.0	41.4	9.5	3.7	76.8	0.0	2.5	38.7	38.4	73.1	55.9	37.5	437.5		493.4	
374/872	65.0	62.7	23.5	7.0	89.2	0.0	0.0	29.5	47.8	103.8	60.0	(8.0)	(496.5)	-	515.1	94
375/ 37	73.1	59.8	6.0	6.5	82.2	0.0	0.7	23.1	30.5	90.3	65.1	62.6	499.9		(490.8)	
375/124	136.5	109.5	19.5	13.0	74.5	0.0	10.0	19.5	95.0	190.5	82.5	85.8	836.3	100	787.5	94
375/366	79.1	59.2	15.7	5.2	39.0	0.0	5.0	13.0	35.0	112.2	47.5	73.1	484.0		507.4	
375/444	54.0	22.5	15.0	3.5	46.0	0.0	2.0	25.5	14.6	110.2	57.4	55.6	406.3		456.1	
375/506	49.5	25.0	10.0	2.5	56.2	0.0	0.6	6.5	47.0	83.2	69.7	60.0	410.2		437.7	
375/688	68.0	53.0	7.3	10.0	43.0	0.0	0.0	26.5	35.0	59.0	101.0	58.5	461.3		472.8	
387/240	18.0	0.0	0.0	5.0	13.5	9.0	0.0	0.0	0.0	0.0	7.0	7.5	60.0	38	61.5	39
389/664	0.0	37.5	14.0	24.6	2.0	0.0	0.0	0.0	0.0	0.0	8.5	34.2	120.8		121.6	
390/155	10.0	23.5	14.0	64.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	39.5	161.5	102	162.9	103
390/514	21.5	46.7	15.5	86.0	12.5	0.0	0.0	0.0	0.0	4.5	15.0	52.4	254.1		224.2	
391/834	26.0	80.0	39.5	61.0	11.5	0.0	0.0	0.0	0.0	6.0	16.8	101.6	342.4		306.0	
391/857	44.0	75.0	4.0	60.8	18.0	1.5	0.0	0.0	0.0	9.5	0.0	98.7	311.5	95	249.8	76
392/148	8.0	82.7	14.2	62.3	21.7	0.0	0.0	0.0	0.0	1.8	22.0	125.8	338.5	118	264.5	92
392/473	38.0	100.7	+-	37.5	37.4	0.0	0.0	0.0	0.0	0.0	0.0	91.5	(305.1)	96	(293.1)	92
392/640	16.1	70.5	7.5	3.5	23.0	0.0	0.0	0.0	0.0	6.8	7.3	78.7	213.4	74	174.5	61
392/680	16.7	66.7	11.5	36.5	57.5	0.0	0.0	0.0	0.0	4.0	10.0	124.0	326.9		280.7	
393/ 83	35.3	84.0	+-	43.5	34.0	0.0	0.0	0.0	0.0	12.5	4.0	102.5	(315.8)	92	(255.3)	74
393/225	44.5	77.1	34.5	37.8	40.1	1.0	1.4	0.0	0.0	3.3	14.0	116.5	370.2	106	298.9	85
393/382	74.5	92.3	24.5	47.5	41.5	0.0	0.0	0.0	0.0	10.0	20.0	117.5	427.8		332.3	
393/476	74.2	131.0	23.2	35.6	60.5	2.0	0.7	0.0	0.0	16.2	24.7	105.4	473.5		455.7	
393/566	141.5	91.5	36.0	56.0	66.0	0.0	0.0	0.0	0.0	4.0	16.0	107.0	518.0		526.4	
393/662	81.7	85.1	0.0	12.5	44.0	3.5	0.0	0.0	0.0	5.4	11.5	69.0	312.7		245.8	
393/778	81.6	113.0	27.0	41.5	48.5	4.0	3.0	0.0	0.0	19.7	29.2	112.8	480.3	114	415.9	99
394/ 37	78.5	103.1	0.0	12.6	43.0	0.0	1.9	0.0	0.0	8.3	35.5	39.7	322.6		311.8	
394/366	51.6	53.5	0.0	7.0	35.0	6.5	0.0	0.0	0.0	3.5	26.0	66.0	249.1		213.1	
394/574	0.0	88.0	15.0	12.0	40.0	7.5	5.0	0.0	0.0	3.0	35.0	87.0	292.5	66	263.5	59
394/878	36.0	46.8	9.0	6.2	24.2	0.0	0.0	0.0	0.0	3.0	43.5	82.5	251.2	67	153.2	41
395/483	72.0	37.0	19.5	35.0	24.0	1.0	0.0	0.0	1.0	12.5	35.5	59.0	296.5	65	346.1	75
395/822	60.5	68.5	20.0	27.0	19.5	7.5	10.0	0.0	0.0	15.5	27.5	77.0	333.0	66	384.5	76
396/182	59.5	57.5	13.0	31.0	57.5	2.0	9.0	0.0	0.0	17.5	15.5	36.8	299.3	70	465.5	109
396/271	102.5	86.7	16.7	28.6	79.5	0.0	12.0	0.0	0.0	16.0	10.5	39.5	392.0	80	537.1	110
396/284	75.6	47.0	23.0	38.0	21.5	5.0	7.5	0.0	0.0	29.7	28.0	70.2	345.5	76	446.5	98
396/454	191.0	87.0	30.3	45.0	59.3	0.0	10.6	0.0	0.0	16.1	11.8	+-	(451.1)	-	633.4	148
396/738	83.0	86.5	27.5	19.0	75.0	3.5	11.0	0.0	0.0	18.5	28.0	63.5	415.5		578.7	
396/813	152.0	77.5	15.5	41.9	71.3	1.6	11.6	0.0	0.0	27.9	36.2	48.8	484.3	117	655.4	159
397/ 75	76.0	89.5	17.5	39.0	63.0	4.8	17.5	0.0	5.0	19.0	18.0	121.0	470.3		(526.3)	
397/114	50.6	104.5	7.0	30.5	35.0	4.5	11.0	0.0	0.0	21.5	22.0	94.5	381.1		397.3	
397/581	68.5	60.5	0.0	36.0	24.0	2.5	14.0	0.0	0.0	25.5	37.0	84.0	352.0	70	353.5	70
397/784	39.0	66.0	11.0	46.5	17.0	0.0	13.3	0.0	0.0	24.2	50.0	93.5	360.5	72	410.5	82
398/ 91	81.2	+-	21.5	45.1	21.4	0.0	21.8	0.0	0.0	20.2	11.0	78.1	(300.3)		(402.8)	
398/177	50.2	48.3	4.8	23.8	24.5	3.0	18.3	0.0	0.0	20.7	26.7	99.2	319.5	67	339.6	72
398/409	54.8	42.0	7.5	35.5	22.7	3.0	19.0	0.0	2.0	39.9	29.0	77.6	333.0	65	341.2	67
398/508	48.5	69.0	13.5	30.0	23.6	0.0	17.5	0.0	0.0	35.5	25.0	106.5	369.1		383.6	
398/556	41.5	79.2	12.5	33.5	24.5	0.0	18.0	0.0	0.0	24.5	22.0	133.1	388.8	75	366.7	71
398/876	67.7	47.0	9.5	40.0	9.8	0.0	23.5	0.0	0.0	41.0	36.5	144.7	419.7	82	37[illegible].4	74
399/114	48.5	36.5	20.0	51.0	+-	0.0	29.0	0.0	0.0	57.0	28.0	152.5	(402.5)		(224.[illegible])	
399/208	81.7	32.7	0.0	27.6	34.5	4.0	27.5	0.0	0.0	48.3	26.0	130.4	412.7	86	364.	76
399/241	57.0	85.5	42.1	39.0	22.5	5.0	28.5	0.0	0.0	60.9	27.0	220.0	587.5	115	428.6	84
399/404	49.0	64.5	80.1	29.4	29.4	2.0	24.5	0.0	0.0	70.1	34.5	108.6	492.1	88	422.4	75
399/515	25.0	62.0	34.0	39.5	19.4	7.1	23.5	0.0	0.0	57.0	75.0	109.5	452.0	70	393.0	61
399/662	45.6	57.4	29.1	33.2	30.1	7.0	17.0	0.0	0.0	69.3	59.9	100.9	449.5	83	448.1	83
399/894	60.2	32.4	51.6	55.0	24.8	3.3	25.3	0.0	0.0	67.3	42.7	129.4	492.0		(338.1)	
400/647	169.5	13.5	64.1	74.0	19.0	0.0	19.0	0.0	1.0	61.7	40.0	71.5	533.3	96	548.9	98

R E Ë N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	Ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
400/792	VILJOENSKROON - MUN	27°12′	26°57′	1521	206·1		158·6		17·5		182·2	
401/272	GOEDHEID	2702	2710	1587	177·3		151·7		19·0		185·8	
401/383	WELVAART	2723	2713	1341	214·0		132·1		10·5		172·5	
401/407	MIDDELWEG	2717	2714	1347	166·2		81·0		0·0		137·5	
401/658	VERBLYDING	2728	2722	1390	200·5		156·4		12·2		201·2	
401/798	DUNKELD	2718	2727	1372	165·8	63	90·0	58	5·7	24	102·8	63
402/ 81	MORGENROOD	2721	2733	1384	211·4		146·7		17·9		187·6	
402/140	GOEDEHOOP	2720	2735	1396	168·0		140·0		35·5		182·0	
402/166	DOORNDRAAI	2716	2736	1400	205·0		148·3		12·0		171·1	
402/300	FRAAIUITZIG	2730	2740	1490	228·7		135·0		8·0		197·5	
402/327	VERDRUK	2727	2741	1493	173·4		156·5		17·5		194·0	
402/543	GOEDEMOED	2703	2749	1475	308·5		124·5		10·0		186·9	
402/788	OORSPRONG - OOS	2708	2757	1524	187·3		81·2		3·5		140·0	
402/827	HEILBRON - TNK	2717	2758	1585	190·5	66	171·0	112	3·2	11	171·0	98
402/866	DRIEFONTEIN	2726	2759	1585	255·4		161·0		19·0		225·6	
403/ 54	SCHOONGEZICHT	2724	2802	1608	302·5		180·0		16·0		212·5	
403/ 62	MIDDEN	2702	2803	1493	280·5		141·5		10·0		227·0	
403/224	KLIPKRAAL	2714	2808	1555	290·9		145·7		16·8		232·5	
403/401	UITSIG	2711	2814	1524	270·5		186·0		5·0		203·4	
403/646	TURFFONTEIN	2716	2822	1524	408·9		110·6		15·3		203·0	
403/886A	FRANKFORT - TNK	2716	2830	1504	273·4		96·2		11·8		213·7	
404/ 7	GLEN ALPHEN	2707	2831	1555	269·7		157·2		13·5		209·0	
404/ 55	VOGELDRAAI	2725	2832	1618	385·0		156·0		17·4		219·8	
404/132	CATHARINASVLEI	2712	2835	1539	312·4		113·7		11·8		221·8	
404/145	BIESKOP	2725	2835	1570	305·2		168·5		9·2		159·6	
404/152	VILLIERS	2702	2836	1493	324·2		153·0		6·0		213·8	
404/177	ZOETVELD	2727	2836	1588	(277·2)		129·0		14·0		231·0	
404/316	DUNEDIN	2716	2841	1570	(333·6)		125·5		14·0		194·5	
404/366	VAALVLEI	2706	2843	1555	278·2		165·7		1·0		230·3	
404/390	GRENFELL	2730	2843	1524	209·8		129·5		19·0		196·0	
404/817	BRAKFONTEIN	2707	2858	1555	337·7		156·9		14·0		245·9	
405/ 1	ROBERTSDRIFT	2701	2901	1524	320·8		199·0		0·0		196·3	
405/ 30	GROOTFONTEIN	2730	2901	1700	352·5		(127·0)		17·0		221·0	
405/283	ROOIPOORT	2713	2910	1585	402·9		152·5		20·5		271·9	
405/295	VREDE - TNK	2725	2910	1600	307·5		200·0		9·1		290·8	
405/295A	VREDE - MUN	2725	2910	1679	327·8	98	196·6	142	16·0	61	305·1	149
405/632	KROMDRAAI - SAR	2702	2922	1604	369·1		118·6		0·0		214·3	
405/753	EARLRIDGE	2703	2926	1670	347·0		146·1		0·0		194·5	
405/891	ROODEDRAAI	2721	2930	1750	244·1		176·4		6·8		278·3	
406/221	PAARDEKOPPLAAS	2711	2938	1722	258·0	77	175·0	125	8·0	28	326·5	153
406/551	WELGEDACHT	2711	2949	1737	296·7		114·0		0·0		304·3	
406/607	RIETPOORT	2707	2951	1707	260·3		108·3		10·1		286·3	
406/658	LAINGSNEK - BOS	2728	2952	1600	416·5		233·9		18·0		449·2	
406/682	VOLKSRUST - MUN	2722	2953	1652	356·1	91	151·8	95	21·0	60	312·3	132
406/682A	VOLKSRUST - TNK	2722	2953	1652	347·5		127·5		21·0		329·0	
407/ 45	SCHOONGEZICHT	2715	3002	1829	414·7		145·9		14·6		314·7	
407/261	WAKKERSTROOM	2721	3009	1777	404·4	118	168·9	116	6·7	20	315·9	133
407/397	SPITSKOP	2707	3014	1676	423·0		196·5		19·5		222·0	
407/639	GROOTRIETVLEI	2709	3022	1372	403·4		167·9		0·0		258·4	
407/740	ELIM	2725	3025	1372	515·0		153·0		10·5		341·0	
408/287	BRAUNSCHWEIG - SKL	2717	3040	1219	381·5		128·0		0·0		261·5	
408/598	PAUL P BURG-WELVERDIEND	2728	3050	1140	322·6		170·8		27·1		318·7	
408/785	BAKENKOP - POW	2705	3057	1067	283·4		111·7		12·9		311·7	
408/798	ZAAIPLAATS	2718	3057	1051	339·5		114·6		9·3		270·5	
409/ 31	JOHANNESLOOP	2701	3102	1067	379·9		153·2		7·4		243·2	
409/320	ORANJEDAL - NAF	2720	3111	1067	305·5		122·6		13·7		246·3	
409/337	GOEDGEGUN	2707	3112	1036	358·6		139·7		14·7		266·2	
409/375	BERGPLAATS	2715	3113	762	288·5		154·0		6·0		190·5	
409/460	DWALENI	2710	3116	975	364·0	110	174·3	108	11·0	32	211·0	94
409/862	RHEBOKFONTEIN - NAF	2722	3129	701	356·1		117·1		4·8		258·9	
410/132	HLUTI	2712	3135	640	411·5		(106·0)		0·0		226·2	
410/203	PONGOLA	2723	3137	300	243·0		120·4		14·2		215·2	
410/410	PONGOLA - PERSEEL 33	2720	3144	244	252·0		(71·5)		(0·0)		(96·5)	
410/440	SITILO	2720	3145	275	323·8		126·0		14·2		163·3	
410/515	MKIWANE	2705	3148	240	275·5		111·5		0·0		113·5	
410/709	GOLELA	2719	3154	135	236·0		101·9		19·7		216·8	
410/878	INGWAVUMA - TNK	2708	3200	510	458·5	129	164·5	84	33·5	66	292·5	142
411/175	OTOBOTINI	2725	3206	91	369·2	114	30·1	17	3·4	9	198·8	108
411/311	MLAMBONGWENA	2711	3211	83	(248·6)		80·0		4·0		164·3	
411/353	MAMFENE	2723	3212	69	(146·4)		38·7		0·0		213·5	
411/715	SHANGWE	2725	3224	122	(124·6)		51·1		0·0		191·5	
411/723	SIHANGWANA	2703	3225	69	(143·0)		47·0		38·5		126·5	
412/103	NGUTSHANA	2713	3234	96	(149·5)		69·5		48·0		147·5	
412/180	MBAZWANE - BOS	2730	3236	85	415·8		78·8		66·7		247·4	
423/ 44	RIETFONTEIN - POL	2644	2002	792	25·0	32	30·2	48	6·5	118	9·5	52
423/618	KLEIN - MIER	2648	2021	835	38·0		14·0		10·0		0·[illegible]	
424/357	WITDRAAI - POL	2657	2042	825	29·1		13·3		5·0		5·5	
424/509	ASKHAM	2659	2047	825	36·1		4·0		0·0		0·0	
427/ 83	VANZYLSRUS	2653	2203	923	100·0		69·0		0·0		7·5	
427/469	ONRUST	2649	2216	960	92·7		91·0		0·0		4·5	
428/838	KARLSRUHE	2658	2258	1035	163·5		64·0		2·0		[illegible]	
428/880	ELRIDA	2640	2300	990	154·7		39·5		4·5		3·[illegible]	
430/131	GREYSTOCK	2641	2335	1095	120·8		98·8		11·0		25·5	
430/473	KELOE - KELOE	2653	2346	1215	140·5		79·0		6·8		50·4	
430/888	SOUTHEY - NAF	2648	2400	1250	101·5		36·0		0·0		25·0	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR YEAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
400/792	76.0	36.6	40.2	85.4	33.0	0.0	17.5	0.0	2.5	134.7	45.0	118.5	589.4	106	492.8	88
401/272	67.8	25.5	40.5	64.5	46.7	8.0	11.0	0.0	0.1	117.2	68.5	100.0	549.8	91	509.0	84
401/383	102.0	30.0	22.2	69.5	40.4	0.0	10.5	0.0	12.0	106.0	54.5	72.5	519.6		511.7	
401/407	44.5	20.5	8.5	53.5	19.0	0.0	0.0	0.0	7.5	96.5	33.5	41.0	324.5	56	357.0	61
401/658	82.2	65.5	28.3	76.7	51.4	0.0	12.2	0.0	10.2	109.3	81.7	76.5	594.0	103	494.4	85
401/798	73.2	27.7	15.7	45.0	29.3	0.0	5.7	0.0	8.0	64.6	30.2	85.7	385.1	63	359.7	59
402/ 81	89.6	53.0	13.4	89.3	44.0	7.6	10.3	0.0	15.5	135.3	36.8	106.3	601.1	104	523.3	90
402/140	80.0	42.0	22.5	70.0	47.5	27.0	8.5	0.0	13.5	122.5	46.0	102.5	582.0	111	480.5	92
402/166	81.0	29.0	21.3	79.0	48.0	2.0	10.0	0.0	12.3	119.0	39.8	159.4	600.8	94	531.1	83
402/300	94.0	31.7	14.0	83.0	38.0	8.0	0.0	0.0	23.5	98.5	75.5	93.7	559.9	94	545.7	92
402/327	75.4	19.0	11.5	94.9	50.1	6.5	11.0	0.0	17.0	115.5	61.5	100.0	562.4	97	465.4	80
402/543	164.0	54.5	28.5	76.0	20.0	10.0	0.0	0.0	25.0	76.0	85.9	206.5	746.4	131	592.5	104
402/788	100.5	31.3	7.0	33.5	40.7	3.5	0.0	0.0	21.0	38.5	80.5	81.0	437.5	71	400.3	65
402/827	81.5	42.5	19.5	89.5	62.0	0.0	3.2	0.0	4.5	91.5	75.0	156.0	625.2	97	500.5	77
402/866	93.9	82.0	29.5	88.5	43.0	7.5	11.5	0.0	4.0	128.5	93.1	142.5	724.0	109	587.8	89
403/ 54	155.0	45.5	52.0	84.5	43.5	1.0	15.0	0.0	4.0	115.5	93.0	109.0	718.0	110	685.7	105
403/ 62	92.5	87.0	36.0	48.5	57.0	0.0	10.0	0.0	4.0	67.0	156.0	155.5	713.5	125	649.3	113
403/224	90.5	57.0	20.6	59.4	65.7	6.5	10.3	0.0	1.5	138.0	93.0	82.1	624.6	101	606.6	98
403/401	74.0	19.0	55.5	59.5	71.0	5.0	0.0	0.0	5.0	55.9	142.5	127.5	614.9	96	681.5	106
403/646	172.1	49.2	0.0	60.1	50.5	6.0	9.3	0.0	0.0	95.5	107.5	162.9	713.1	113	712.0	113
403/886A	122.2	44.0	3.5	51.7	41.0	0.0	11.8	0.0	0.0	96.5	117.2	84.0	571.9		611.5	
404/ 7	122.7	57.5	10.5	67.3	79.4	0.0	13.5	0.0	0.0	87.0	122.0	84.0	643.9	102	653.6	104
404/ 55	201.0	42.0	43.5	58.0	54.5	3.5	13.9	0.0	6.3	93.5	120.0	115.0	751.2	115	728.5	111
404/132	160.0	63.0	10.2	55.0	48.5	3.8	8.0	0.0	7.4	75.4	139.0	87.0	657.3	99	628.3	94
404/145	151.4	35.7	55.8	58.8	53.9	0.0	9.2	0.0	6.4	46.0	107.2	86.5	610.9	82	674.5	91
404/152	157.0	44.5	7.0	81.0	65.0	2.5	3.5	0.0	12.6	74.0	127.2	89.5	663.8	90	673.9	91
404/177	187.2	(8.5)	34.0	47.5	47.5	0.0	14.0	0.0	0.0	91.0	140.0	99.5	(669.2)	101	(584.2)	89
404/316	123.0	(14.5)	17.0	79.5	29.0	0.0	14.0	0.0	0.0	77.5	117.0	95.5	(567.0)		(584.2)	
404/366	114.9	79.0	21.2	79.0	65.5	1.0	0.0	0.0	10.0	78.0	142.3	104.3	695.2		653.9	
404/390	90.0	25.3	27.0	57.0	45.5	3.5	15.5	0.0	7.5	90.0	98.5	101.5	561.3	80	526.3	75
404/817	134.8	45.4	30.4	55.1	71.4	0.0	14.0	0.0	17.3	86.0	142.6	95.3	692.3		685.1	
405/ 1	83.0	50.8	82.0	58.5	58.5	0.0	0.0	0.0	14.0	68.0	114.3	100.4	629.5		703.1	
405/ 30	118.0	94.0	--	78.5	48.5	0.0	17.0	0.0	0.0	84.0	137.0	88.5	(665.5)	104	(659.0)	102
405/283	91.2	124.5	9.3	59.0	84.3	0.0	20.5	0.0	11.2	96.0	164.7	91.0	751.7		787.3	
405/295	120.5	59.0	55.5	87.0	57.5	0.0	9.1	0.0	7.0	107.5	176.3	94.2	773.6		818.5	
405/295A	127.5	59.8	58.5	92.0	46.1	0.0	16.0	0.0	10.0	107.1	188.0	84.7	789.7	112	826.9	117
405/632	106.0	59.5	30.3	60.3	28.0	0.0	0.0	0.0	20.3	50.0	144.0	51.5	549.9	84	731.4	112
405/753	139.0	30.0	66.0	43.5	36.6	0.0	0.0	0.0	59.5	12.5	122.5	182.0	691.6	98	699.6	99
405/891	38.3	79.7	45.7	80.0	50.7	1.5	5.3	0.0	21.2	99.6	157.5	96.5	676.0	98	622.4	90
406/221	53.5	57.0	87.5	41.5	46.0	0.0	8.0	0.0	30.0	104.5	192.0	104.6	724.6	101	669.6	94
406/551	72.4	55.8	24.2	51.4	38.4	0.0	0.0	0.0	49.8	110.0	144.5	124.3	670.8		613.6	
406/607	82.4	40.1	26.9	50.1	31.3	0.7	8.1	1.3	20.3	104.9	161.1	123.1	650.3	83	615.3	79
406/658	75.7	109.5	87.1	49.5	97.3	0.0	5.5	12.5	77.5	135.5	236.2	124.6	1010.9	94	981.0	91
406/682	76.0	80.5	43.0	57.6	51.2	0.0	5.0	16.0	30.0	101.2	181.1	100.5	742.1	90	762.2	93
406/682A	92.0	89.5	42.5	54.5	30.5	0.0	5.0	16.0	31.5	94.5	203.0	95.0	754.0		741.5	
407/ 45	146.1	113.1	57.5	51.4	37.0	0.0	9.6	5.0	35.0	136.6	143.1	116.2	850.6		826.0	
407/261	88.5	131.0	60.3	48.5	60.1	1.1	1.1	4.5	45.7	81.8	186.4	126.1	837.1	110	859.7	113
407/397	141.5	62.0	118.0	26.0	52.5	0.0	19.5	0.0	38.0	80.0	104.0	130.5	772.0	87	909.0	103
407/639	137.4	133.0	105.2	10.0	52.7	0.0	0.0	0.0	36.4	64.0	158.0	91.0	787.7	102	782.3	101
407/740	124.0	202.5	76.0	30.5	46.5	0.0	0.0	10.5	74.5	79.0	187.5	113.0	944.0		1003.0	
408/287	118.5	80.5	47.0	12.5	68.5	0.0	0.0	0.0	67.0	57.5	137.0	136.5	725.0		861.4	
408/598	82.3	74.6	69.6	25.2	76.0	0.6	3.0	23.5	67.3	96.8	154.6	141.9	815.4		967.6	
408/785	69.5	90.0	47.4	5.3	59.0	0.2	4.0	8.7	68.3	109.4	134.0	158.7	754.5		678.5	
408/798	132.5	37.0	43.0	4.6	67.0	0.0	2.3	7.0	50.5	78.5	141.5	120.7	684.6	82	838.6	101
409/ 31	107.0	128.8	70.3	0.0	82.9	0.0	0.0	7.4	57.6	83.3	102.3	224.6	864.2		900.6	
409/320	101.4	63.9	65.7	7.5	49.4	0.0	0.0	13.7	59.4	81.3	105.6	136.1	684.0		860.1	
409/337	125.8	124.4	68.7	7.0	64.0	0.0	0.2	14.5	65.0	86.5	114.7	163.7	834.5	100	829.2	99
409/375	120.5	63.0	67.0	5.5	81.5	0.0	0.0	6.0	54.0	67.0	69.5	91.5	625.5	80	782.0	100
409/460	186.5	80.0	83.3	8.0	83.0	0.0	0.0	11.0	74.0	65.0	72.0	115.0	777.8	104	897.9	120
409/862	123.4	128.4	55.5	10.0	51.6	0.5	0.0	4.3	45.6	94.8	118.5	125.5	758.1		806.0	
410/132	177.5	118.0	106.0	0.0	--	0.0	0.0	0.0	14.7	144.0	67.5	104.8	(732.5)		(891.4)	
410/203	149.3	37.2	39.3	4.3	76.8	0.4	1.2	12.6	37.1	68.9	109.2	124.3	660.6		(669.6)	
410/410	170.5	49.0	--	0.0	71.5	0.0	0.0	--	49.5	47.0	--	59.0	(446.5)		(579.7)	
410/440	175.8	60.4	37.7	7.1	81.2	3.6	3.0	7.6	46.8	76.0	40.5	61.5	601.2		699.6	
410/515	36.0	111.5	61.0	0.0	50.5	0.0	0.0	0.0	33.5	52.0	28.0	89.5	462.0		579.0	
410/709	96.5	43.5	25.5	3.0	73.4	0.0	5.2	14.5	50.5	67.3	99.0	64.3	542.7	96	540.9	96
410/878	169.0	151.5	83.0	0.0	81.5	0.0	33.5	0.0	55.5	109.5	127.5	83.0	894.0	111	887.0	110
411/175	114.3	148.6	14.5	0.0	15.6	0.0	1.0	2.4	33.8	94.0	71.0	67.9	563.1	77	568.2	78
411/311	132.0	82.2	24.4	7.7	47.9	0.0	0.0	4.0	37.4	79.2	47.7	63.6	526.1		(328.6)	
411/353	78.4	68.0	18.5	0.0	20.2	0.0	0.0	0.0	58.0	80.5	75.0	59.5	458.1		-	
411/715	92.6	32.0	29.5	0.0	21.6	0.0	0.0	0.0	53.5	92.5	45.5	83.0	450.2		-	
411/723	68.5	74.5	25.0	0.0	22.0	0.0	14.0	24.5	19.5	50.0	57.0	60.0	415.0		-	
412/103	67.0	82.5	27.5	24.0	18.0	0.0	21.0	27.0	35.0	59.5	53.0	47.5	462.0		-	
412/180	180.4	108.1	51.2	2.4	25.2	0.0	24.5	42.2	42.1	106.0	99.3	84.0	765.4		730.	
423/ 44	13.5	0.1	1.2	20.5	8.5	6.5	0.0	0.0	0.0	0.0	9.5	38.0	97.8	60	6[illegible]	[illegible]
423/618	15.0	23.0	0.0	14.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	12.0	74.0	45	6[illegible].0	75
424/357	3.5	2.5	2.5	9.5	1.3	5.0	0.0	0.0	0.0	0.0	5.5	24.0	53.8		5[illegible].9	
424/509	11.2	9.1	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5	44.8	25	[illegible]	23
427/ 83	15.0	57.5	0.0	41.0	28.0	0.0	0.0	0.0	0.0	0.0	7.5	102.8	251.8	105	1[illegible]	71
427/469	17.1	63.1	5.0	59.3	26.7	0.0	0.0	0.0	0.0	8.5	0.0	69.3	249.0	101	18[illegible]	[illegible]
428/838	14.5	88.0	6.0	17.5	40.5	2.0	0.0	0.0	0.0	0.0	8.6	44.8	221.9	67	235.5	72
428/880	19.0	106.1	3.2	13.3	23.0	4.5	0.0	0.0	0.0	3.5	0.0	71.2	243.8		207.8	
430/131	17.0	42.3	50.5	13.1	35.2	2.5	8.5	0.0	0.0	14.8	10.7	45.2	239.8		260.6	
430/473	14.0	53.5	13.0	12.5	53.5	0.0	6.8	0.0	0.0	7.6	42.8	47.5	251.2		267.6	
430/888	37.1	39.4	0.0	21.0	15.0	0.0	0.0	0.0	0.0	4.0	21.0	73.5	211.0	51	168.5	41

R E Ë N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	Ø S	λ E	H M	KWARTAAL QUARTER DEC FEB 1958 1959 MM	PER	MAR MAY 1959 1959 MM	PER	JUN AUG 1959 1959 MM	PER	SEP NOV 1959 1959 MM	PER
431/562	KAFFERPAN	26°52′	24°19′	1340	211·5		8·5		0·0		36·0	
431/690	VOGELPAN	2700	2423	1340	191·5		80·0		9·0		46·5	
431/820	LOURENSGELUK	2640	2428	1295	285·8		126·0		0·0		45·5	
431/896	BIESIESVLAKTE	2656	2430	1280	225·6		90·3		9·4		68·9	
432/ 93	DAGBREEK	2633	2434	1325	220·5		135·0		11·5		(12·5)	
432/136	WELGELEVEN	2646	2435	1247	201·7	97	103·0	78	2·0	13	53·7	64
432/196	PROGRESS	2646	2437	1231	242·5		122·5		14·5		57·0	
432/237	ARMOEDSVLAKTE - AGR	2657	2438	1235	292·0		111·7		14·2		55·0	
432/309	OPENSIDE	2639	2441	1310	300·8		148·6		17·0		14·0	
432/387	VRYBURG - POL	2657	2443	1189	316·5	141	101·1	63	11·3	70	51·9	63
433/ 43	SCHUINSHOOGTE	2643	2502	1310	216·9		93·7		16·3		70·5	
433/115	RIETPAN	2655	2504	1265	353·4		84·3		11·5		71·7	
433/298	LOSASA	2658	2510	1280	347·5		(71·5)		0·0		61·5	
433/494	KAALPLAATS	2644	2517	1356	278·2		127·6		25·1		85·8	
433/500	GRASPAN	2650	2517	1341	271·0		62·6		14·0		74·3	
433/512	BRANDWAG	2632	2518	1219	240·5		(78·5)		18·0		40·8	
433/566	VANAARDESDAM	2656	2519	1366	287·6		45·0		12·5		53·1	
433/791	DELAREYVILLE - MUN	2641	2527	1356	240·0	105	166·7	123	11·5	100	69·0	63
433/804	PODRTJIE	2654	2527	1338	289·2		86·0		21·0		56·5	
433/858	RIETPAN I	2648	2529	1341	262·5		125·5		16·5		69·0	
434/ 20	RIETPAN II	2650	2531	1341	266·2		175·3		15·7		75·3	
434/105	LEONARD	2645	2534	1360	221·0		116·5		16·5		49·0	
434/151	LEEUPAN	2631	2536	1360	251·6		87·0		16·5		151·5	
434/153	BARBERSPAN	2633	2536	1350	(217·9)		(87·0)		17·5		131·6	
434/228	DOORNBULT	2648	2538	1356	226·0		130·1		20·5		0·0	
434/359	BRAKPAN	2659	2542	1417	218·6		104·5		21·2		44·5	
434/431	KLIPDRIFT	2641	2545	1366	258·7		98·0		20·0		86·0	
434/543	DE KLIPDRIFT	2633	2549	1366	200·4		109·0		30·5		99·0	
434/619	KAREEKUIL	2649	2551	1450	253·0		76·5		26·0		62·0	
434/699	NOODSHULP - SKL	2639	2554	1402	341·7		105·0		31·0		91·0	
434/888	OTTOSDAL - POL	2648	2600	1490	280·4	99	83·0	52	39·0	211	59·5	53
435/ 36	UITSCHOT	2636	2602	1495	243·0		146·5		36·5		106·0	
435/193	HOLFONTEIN	2643	2607	1487	335·5		(72·5)		--		(129·0)	
435/359	KLIPFONTEIN	2659	2612	1484	232·0	93	69·0	42	20·0	129	82·0	74
435/400	WERK - MET - LUST	2640	2614	1555	301·5		149·0		26·0		85·0	
435/542	SKIETFONTEIN	2652	2615	1585	269·9		74·2		28·0		122·3	
435/608	MON REPOS	2638	2621	1524	296·0		127·0		27·0		84·5	
435/615	OTTERFONTEIN	2645	2621	1524	255·0		108·6		20·0		207·0	
435/735	HARTBEESFONTEIN - SKL	2645	2625	1325	321·8	105	126·0	82	25·0	123	112·0	90
436/248	DOORNFONTEIN	2638	2639	1402	303·5		93·5		10·0		96·0	
436/292	KLERKSDORP - TNK	2652	2640	1301	218·9		115·8		21·0		159·5	
436/297	WESTERN REEFS	2657	2640	1300	302·7		210·4		19·6		159·6	
436/495	BEATRIX	2645	2647	1372	246·5	87	106·5	70	0·0	0	200·5	151
436/566	SHENFIELD	2656	2649	1293	256·6		132·5		19·4		173·6	
436/575	ROOIPOORT	2635	2650	1494	(156·5)		121·5		0·0		86·6	
436/747	BUSHY BEND	2657	2655	1295	179·5		153·9		17·0		161·2	
436/748	WATERFORD	2658	2655	1311	201·5		142·5		19·5		157·5	
436/855	BRAKSPRUIT - AGR	2645	2659	1402	238·4		150·2		13·5		174·9	
436/887	NOYJONS - AGR	2647	2700	1370	249·0		125·0		11·0		169·5	
437/100	POTCHEFSTROOM - RSV	2640	2704	1384	263·2		116·4		15·7		146·8	
437/104	POTCHEFSTROOM - AGR	2644	2704	1350	221·0	74	128·9	86	14·0	54	162·4	119
437/134	POTCHEFSTROOM - AGR	2644	2705	1345	222·3		132·4		15·3		167·3	
437/157	KOLONIESPLAAS	2637	2706	1370	251·8		135·3		21·0		146·5	
437/194	ELANDSHEUVEL	2644	2707	1356	241·4		150·0		14·7		157·6	
437/383	TIERFONTEIN	2653	2713	1521	239·0		204·6		7·8		105·4	
437/452	MIMOSA PARK	2632	2716	1451	293·7		149·9		0·0		181·7	
437/517	KLIPDRIFT	2637	2718	1372	273·0		160·8		6·0		135·0	
437/555	HARTEBEESTPOORT	2645	2719	1417	217·5		202·5		0·0		150·5	
437/660	VREDEFORT - SKL	2700	2722	1430	193·0		108·8		5·0		154·5	
437/834	PARYS - MUN	2654	2728	1385	260·0	90	150·5	100	11·3	45	186·3	102
438/ 47	WOOLDRIDGE	2647	2732	1433	254·2		175·5		17·4		237·7	
438/315	BARRAGE - RWB	2645	2741	1433	319·2		192·9		13·3		299·8	
438/323	GROENVLEI	2653	2741	1524	233·0		105·5		11·5		149·0	
438/514	RIETSPRUIT	2634	2748	1524	165·9		76·2		0·0		151·5	
438/550	VANDERBYLPARK - YSKOR	2640	2749	1496	235·6		130·4		15·5		245·2	
438/553	VANDERBYLPARK - ESTATE	2643	2749	1496	293·7		149·2		9·4		235·6	
438/588	SASOLBURG - MUN	2648	2750	1495	329·7		130·0		14·4		256·2	
438/716	RIETFONTEIN	2656	2754	1459	219·2		147·0		10·8		172·0	
438/729	VEREENIGING - POW	2639	2755	1417	[325·6]	-	116·8	82	13·3	56	243·8	136
438/731	VEREENIGING - RWB	2641	2755	1440	347·9		122·0		15·5		222·7	
438/744	CLYDESDALE COLLIERY	2654	2755	1444	294·3		119·0		6·0		148·6	
438/750	SCHAAPPLAATS	2700	2755	1463	239·0		159·5		9·5		179·5	
439/389	ORANJEVILLE - SKL	2659	2813	1444	267·1		134·4		3·2		168·1	
439/396	SCHIKFONTEIN	2636	2814	1555	307·5	96	120·5	78	7·5	29	148·5	81
439/688	MIDDELPAN	2658	2823	1460	335·1		124·0		8·6		175·0	
439/755	KRAAL - SAR	2635	2826	1666	248·0		105·0		9·0		197·7	
439/764	VLAKFONTEIN	2644	2826	1600	311·0	100	141·7	109	11·1	45	189·2	94
439/769	BEERLAAGTE	2649	2826	1615	310·0		150·0		7·0		144·0	
440/129	BALFOUR - MAG	2639	2835	1555	213·5		119·0		0·0		176·5	
440/157	RIETBULT	2637	2836	1585	272·2		114·3		15·5		211·4	
440/435	GREYLINGSTAD - SAR	2645	2845	1588	291·0		115·0		0·0		152·5	
440/449	WITTEBANK	2659	2845	1524	344·2		159·0		7·6		174·2	
440/501	SILVERBANK	2651	2847	1555	243·5		151·5		7·2		136·3	
440/637	RASKOP	2637	2852	1675	355·0		132·7		8·5		190·0	
440/767	VAL - SAR	2647	2856	1584	238·0		106·7		0·0		142·2	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
431/562	66·0	58·0	0·0	8·5	0·0	0·0	0·0	0·0	2·5	11·0	22·5	88·2	256·7	55	283·5	61
431/690	78·5	48·0	37·0	18·0	25·0	0·0	0·0	9·0	6·5	11·5	28·5	77·5	339·5	81	342·5	82
431/820	102·0	118·5	53·5	22·0	50·5	0·0	0·0	0·0	0·0	14·0	31·5	47·0	439·0	91	467·0	97
431/896	80·2	66·0	20·0	33·1	37·2	0·4	9·0	0·0	0·0	22·7	46·2	38·0	352·8	77	368·2	80
432/ 93	86·5	64·0	33·0	62·0	40·0	0·0	11·5	0·0	0·0	12·5	--	21·0	(330·5)		418·5	
432/136	75·5	61·2	28·5	10·0	64·5	2·0	0·0	0·0	0·0	10·2	43·5	44·5	339·9	77	351·2	79
432/196	69·4	79·4	29·5	41·5	51·5	2·3	12·2	0·0	0·0	20·0	37·0	51·7	394·5	82	435·4	90
432/237	85·7	91·2	8·3	33·7	69·7	1·5	12·7	0·0	0·0	16·9	38·1	52·6	410·4	95	461·4	106
432/309	114·8	85·5	30·0	58·0	60·6	5·0	12·0	0·0	0·0	3·0	11·0	26·5	406·4		517·9	
432/387	88·2	93·0	12·3	28·3	60·5	1·1	10·2	0·0	0·0	25·9	26·0	49·0	394·5	82	470·6	98
433/ 43	56·2	54·3	16·9	37·4	39·4	3·4	12·9	0·0	0·0	20·0	50·5	54·0	345·0		421·1	
433/115	128·0	97·6	20·5	38·4	25·4	0·0	11·5	0·0	0·0	33·8	37·9	59·3	452·4	93	526·3	108
433/298	118·5	75·0	--	71·5	0·0	0·0	0·0	0·0	0·0	29·0	32·5	39·5	(366·0)		(473·5)	
433/494	101·2	59·8	39·4	47·5	40·7	0·0	25·1	0·0	0·0	30·2	55·6	41·2	440·7	84	511·9	98
433/500	91·0	79·5	17·1	29·0	16·5	0·0	14·0	0·0	0·0	17·8	56·5	38·0	359·4	81	415·7	95
433/512	76·5	73·5	19·5	59·0	--	0·0	18·0	0·0	0·0	13·5	27·3	81·0	(368·3)		(404·5)	
433/566	101·5	76·6	17·0	28·0	0·0	0·0	12·5	0·0	0·0	12·5	40·6	73·4	362·1	74	437·2	89
433/791	62·5	75·9	103·7	45·5	17·5	0·0	11·5	0·0	0·0	15·5	53·5	63·0	448·6	93	474·3	98
433/804	72·5	104·3	20·0	42·5	23·5	3·5	17·5	0·0	0·0	25·5	31·0	79·6	419·9	85	480·8	98
433/858	62·0	106·5	49·0	48·0	28·5	4·5	12·0	0·0	0·0	21·5	47·5	84·6	464·1	94	467·5	95
434/ 20	77·1	71·0	85·1	45·7	44·5	0·0	15·7	0·0	0·0	45·6	29·7	82·1	496·5	94	547·7	104
434/105	55·0	58·5	41·0	46·5	29·0	4·0	12·5	0·0	0·0	33·5	15·5	71·5	367·0		420·3	
434/151	104·1	62·5	30·0	25·5	31·5	5·0	11·5	0·0	0·0	68·0	83·5	79·5	501·1		472·0	
434/153	88·0	(64·3)	(35·1)	29·2	22·7	4·0	13·5	0·0	0·0	39·2	92·4	77·6	(466·0)		(429·0)	
434/228	68·5	71·5	48·6	51·0	30·5	0·0	20·5	0·0	0·0	0·0	0·0	43·0	333·6	66	417·6	82
434/359	57·0	41·0	31·0	42·0	31·5	4·0	17·2	0·0	0·0	23·5	21·0	61·0	329·2	66	431·8	86
434/431	108·5	57·5	34·5	39·0	24·5	5·0	15·0	0·0	0·0	37·5	48·5	67·5	437·5	82	489·2	92
434/543	100·0	42·0	35·5	46·5	27·0	0·0	30·5	0·0	0·0	42·0	57·0	128·5	509·0	90	538·4	96
434/619	58·7	59·5	23·0	31·5	22·0	6·0	20·0	0·0	0·0	35·0	27·0	89·0	371·7		480·0	
434/699	93·0	98·0	35·5	43·5	26·0	4·0	27·0	0·0	0·0	58·2	32·8	83·3	501·3	92	675·0	124
434/888	88·9	38·0	32·0	24·5	26·5	11·0	28·0	0·0	0·0	36·5	23·0	61·0	369·4	64	542·9	95
435/ 36	70·5	87·5	49·5	63·5	33·5	8·5	28·0	0·0	0·0	38·5	67·5	82·0	529·0		588·0	
435/193	94·0	85·5	36·5	36·0	--	--	--	--	--	89·5	39·5	97·0	(478·0)		(594·0)	
435/359	28·0	88·0	12·0	37·0	20·0	0·0	20·0	0·0	0·0	53·0	29·0	120·0	407·0	75	461·0	85
435/400	66·0	78·0	43·0	68·0	38·0	8·0	18·0	0·0	0·0	49·0	36·0	103·5	507·5	88	640·5	111
435/542	77·3	73·5	14·3	31·2	28·7	4·5	23·5	0·0	0·0	89·6	32·7	150·0	525·3		525·9	
435/608	72·5	37·0	20·0	70·5	36·5	8·0	19·0	0·0	0·0	46·0	38·5	160·0	508·0		605·0	
435/615	37·0	77·0	19·1	51·5	38·0	0·0	20·0	0·0	0·0	164·0	43·0	142·0	591·6	99	572·6	96
435/735	68·8	89·2	28·3	67·7	30·0	5·5	19·5	0·0	0·0	87·2	24·8	166·0	587·0	97	595·0	98
436/248	128·5	53·0	19·0	60·0	14·5	0·0	10·0	0·0	0·0	43·0	53·0	141·0	522·0	86	507·4	84
436/292	78·9	27·5	31·3	48·5	36·0	7·5	13·5	0·0	0·0	118·0	41·5	154·4	557·1	92	480·7	80
436/297	90·6	38·3	67·9	116·5	26·0	5·8	13·8	0·0	0·0	115·3	44·3	115·3	633·8		632·1	
436/495	73·0	59·0	15·5	53·5	37·5	0·0	0·0	0·0	0·0	67·5	133·0	197·5	636·5	109	517·1	88
436/566	73·5	63·1	35·5	51·6	45·4	7·8	11·6	0·0	0·0	133·2	40·4	140·4	602·5	106	506·0	89
436/575	124·0	32·5	32·5	46·5	42·5	0·0	0·0	0·0	0·0	44·5	42·1	116·3	480·9	81	-	-
436/747	51·1	38·2	49·0	56·7	48·2	7·5	9·5	0·0	0·0	141·2	20·0	134·9	556·3	93	459·8	77
436/748	36·0	55·5	40·0	55·0	47·5	8·5	11·0	0·0	0·0	144·0	13·5	147·5	558·5	108	482·0	93
436/855	78·2	70·9	44·6	66·6	39·0	2·5	11·0	0·0	0·0	90·0	84·9	177·1	664·8	110	566·2	93
436/887	76·0	62·5	32·0	53·5	39·5	0·0	11·0	0·0	0·0	92·0	77·5	173·5	617·5		531·5	
437/100	111·3	54·7	19·6	54·0	42·8	4·5	11·2	0·0	1·0	69·0	76·8	149·9	594·8	92	517·4	80
437/104	83·5	71·1	29·3	64·6	35·0	4·5	9·5	0·0	0·5	81·1	80·8	155·7	615·6	101	499·2	82
437/134	89·6	65·4	25·5	59·2	47·7	4·7	10·6	0·0	0·8	80·5	86·0	152·1	622·1		513·3	
437/157	120·0	46·6	21·5	69·5	44·3	9·5	11·5	0·0	0·2	81·5	64·8	118·3	587·7		552·7	
437/194	111·4	66·6	37·8	64·5	47·6	5·2	9·5	0·0	2·6	77·5	77·5	137·1	637·4	101	577·9	91
437/383	84·3	56·7	64·2	89·9	50·5	0·0	7·8	0·0	0·0	65·0	40·4	140·5	599·3	93	580·6	90
437/452	148·1	35·0	58·5	45·3	46·1	0·0	0·0	0·0	0·0	76·2	105·5	109·3	624·0	100	610·6	98
437/517	144·0	65·0	39·0	76·8	45·0	0·0	6·0	0·0	0·0	73·0	62·0	122·5	633·3	97	648·4	99
437/555	61·0	85·0	81·0	73·5	48·0	0·0	0·0	0·0	0·0	99·5	51·0	112·0	611·0	103	608·5	102
437/660	55·5	49·0	27·0	53·8	28·0	5·0	0·0	0·0	4·5	76·5	73·5	106·9	479·7	68	470·0	67
437/834	78·0	91·5	30·0	75·0	45·5	2·8	8·5	0·0	5·4	112·1	68·8	93·3	610·9	95	625·0	97
438/ 47	94·6	40·1	62·6	64·8	48·1	5·4	12·0	0·0	5·5	134·0	98·2	157·8	723·1	107	619·2	108
438/315	100·3	116·0	82·0	64·1	46·8	3·0	10·3	0·0	6·7	186·5	106·6	81·6	803·9	118	718·1	106
438/323	95·5	29·0	19·5	43·0	43·0	2·5	9·0	0·0	0·0	102·5	46·5	131·5	522·0	83	507·6	81
438/514	76·0	53·3	13·0	37·5	25·7	0·0	0·0	0·0	0·0	103·8	47·7	90·3	447·3	79	387·9	68
438/550	117·3	60·0	28·1	56·1	46·2	3·3	12·2	0·0	8·9	120·9	115·4	138·3	706·7		625·2	
438/553	116·2	57·7	43·2	48·2	57·8	3·9	5·5	0·0	13·0	138·5	84·1	133·1	701·2		654·2	
438/588	118·8	140·1	24·4	54·3	51·3	4·0	10·4	0·0	11·5	174·3	70·4	116·4	775·9		676·6	
438/716	96·2	39·0	39·0	58·5	49·5	0·0	10·8	0·0	15·5	102·0	54·5	189·4	654·4	101	560·7	87
438/729	136·9	59·3	24·9	49·5	42·4	4·4	8·9	0·0	12·0	140·6	91·2	181·0	751·1	115	651·5	100
438/731	138·5	70·7	29·4	49·8	42·8	5·0	10·5	0·0	11·8	114·5	96·4	152·4	721·8		667·0	
438/744	140·5	55·5	37·0	35·0	47·0	4·0	2·0	0·0	9·5	87·7	51·4	129·0	598·6	88	618·4	91
438/750	98·0	66·0	54·5	62·0	43·0	0·0	9·5	0·0	15·0	92·5	72·0	188·5	701·0	106	630·9	96
439/389	137·8	73·6	30·0	50·4	54·0	1·2	2·0	0·0	5·4	78·6	84·1	121·2	638·3	113	624·8	111
439/396	118·7	58·8	21·0	80·5	19·0	0·0	7·5	0·0	8·5	57·5	82·5	104·0	558·0	81	613·0	89
439/688	134·5	78·1	4·5	58·0	61·5	0·6	8·0	0·0	3·0	76·0	96·0	101·0	621·2		639·0	
439/755	97·9	50·6	12·6	66·9	25·5	1·5	7·5	0·0	2·5	110·7	84·5	157·8	618·0	93	618·5	93
439/764	115·7	72·7	7·3	80·6	53·8	3·5	7·6	0·0	10·6	80·1	98·5	178·6	709·0	106	680·1	102
439/769	155·5	35·0	22·0	74·5	53·5	0·0	7·0	0·0	6·0	70·0	68·0	132·5	624·0	99	650·5	104
440/129	94·5	64·0	32·0	45·0	42·0	0·0	0·0	0·0	0·0	100·0	76·5	141·0	595·0	87	581	85
440/157	114·1	70·4	42·9	38·5	32·9	0·8	14·7	0·0	5·0	116·1	90·3	124·7	650·4	93	695·1	94
440/435	113·5	25·5	20·0	47·0	48·0	0·0	0·0	0·0	0·0	60·0	92·5	143·5	550·0	79	655·0	94
440/449	122·9	33·5	37·0	50·0	72·0	0·0	7·6	0·0	19·5	71·7	83·0	108·1	605·3	100	676·7	112
440/501	106·7	42·5	22·3	61·1	68·1	0·0	7·2	0·0	4·0	56·3	76·0	117·0	561·2		616·0	
440/637	127·5	106·0	51·0	58·0	23·7	0·0	8·5	0·0	7·0	86·5	96·5	181·5	746·2	108	755·7	110
440/767	88·0	56·0	19·5	43·2	44·0	0·0	0·0	0·0	0·0	62·5	79·7	155·7	548·6	82	562·9	84

R E Ë N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
440/885	SANDBAKEN	26°45'	29°00'	1564	386·1	120	189·5	130	5·0	18	161·5	77
441/104	BOSMANSPRUIT	2644	2904	1585	347·2		125·0		0·0		137·6	
441/113	BEERSHEBA	2653	2904	1555	399·0		159·7		2·5		171·5	
441/261	CARN BREA STUD	2651	2909	1585	427·5		109·5		12·5		151·0	
441/270	GOEDGEVONDEN	2700	2909	1524	411·0		150·0		0·0		184·0	
441/309	CHARL CELLIERS	2639	2911	1646	293·0		88·5		12·4		159·6	
441/447	STANDERTON - TNK	2657	2915	1532	395·0		124·0		13·0		216·0	
441/578	TOPFONTEIN	2638	2920	1645	462·5		79·5		9·0		208·4	
441/596	KAREEBOS	2656	2920	1494	356·9		103·5		5·5		212·6	
441/650	NIEKERKSVLEI	2650	2922	1555	397·0		113·5		0·0		187·5	
441/694	STERKFONTEIN	2634	2924	1658	395·4		103·3		10·0		232·5	
441/777	BERRINGS	2657	2926	1585	306·2	91	144·7	94	5·0	17	162·3	80
442/ 68	HENDRIKSPAN	2638	2933	1646	293·2	90	113·0	86	8·3	32	222·8	103
442/150	POTFONTEIN NO 2	2700	2935	1615	413·0		78·8		6·0		164·8	
442/393	NELSPAN	2633	2943	1664	353·0		151·0		16·0		243·7	
442/660	AMERSFOORT - POL	2700	2952	1646	305·0		105·0		9·0		221·5	
442/772	STRYDFONTEIN	2652	2956	1675	268·1		117·5		0·0		214·0	
442/811	NOOITGEDACHT-ERMELO-AGR	2631	2958	1694	352·5		137·4		9·0		285·0	
442/853	GOEDEHOOP	2643	2959	1675	317·1		146·6		7·5		207·9	
442/867	ROLFONTEIN	2657	2959	1631	304·0		150·5		6·0		207·0	
443/196	DE EMIGRATIE	2646	3007	1676	263·6	79	78·5	60	10·1	33	205·3	97
443/451	BLAAUWKOP	2631	3016	1676	(105·7)		141·1		6·2		234·9	
443/730	SCHEEPERSVLEI	2640	3025	1415	420·3		151·0		0·0		290·5	
444/126	ATHOLE - AGR	2636	3035	1619	525·9		185·9		4·3		260·1	
444/176	VLAKKLOOF ESTATE	2656	3036	1381	433·0		120·7		13·0		228·7	
444/203	IDALIA	2653	3037	1372	315·0	89	92·5	58	13·5	40	243·0	101
444/277	AMSTERDAM - POL	2637	3040	1239	465·6		153·6		1·8		365·2	
444/332	LIONS GLEN	2632	3042	1524	446·0		70·0		2·0		270·0	
444/540	PIET RETIEF	2700	3048	1239	302·3	70	106·5	60	17·7	45	234·8	88
444/653	STERKWATER	2653	3052	1219	354·5	88	155·2	92	0·0	0	141·8	54
444/679	WELTEVREDEN	2649	3053	1224	379·6		192·8		18·2		178·5	
444/746	BLESBOKSPRUIT	2656	3055	1189	296·1		185·1		16·3		151·8	
445/100	MANKAIANA	2640	3104	1009	373·1	95	228·1	124	4·1	10	173·8	67
445/273A	MDUTSHANE	2633	3110	750	431·4		161·9		16·4		199·5	
445/569	HLATIKULU	2659	3119	1186	425·2	83	184·9	80	19·5	32	290·4	85
445/863	KUBUTA	2653	3129	533	297·5		131·2		23·3		165·1	
446/136	SINGCENI	2646	3135	316	345·4	84	121·8	73	38·1	93	222·6	100
446/311	SIPOFANENI	2641	3141	365	264·1		176·2		13·4		111·5	
446/355	POPONYANE	2655	3142	305	232·0		92·5		8·0		122·5	
446/471	ST PHILIP'S MISSION	2651	3146	183	244·1		96·8		1·5		131·0	
446/762	BAR CIRCLE RANCH	2642	3156	191	302·0		115·0		7·5		124·5	
447/446	NDUMU	2656	3215	75	206·3	72	78·7	46	0·0	0	134·0	94
447/534	NDUMU - GAME RESERVE	2654	3218	122	236·5		53·3		7·5		190·1	
448/450	MAPUTA	2700	3245	46	343·6	100	107·5	39	96·0	82	174·1	89
448/597	KOSIBAAI	2657	3250	115	252·9		103·0		(38·5)		(169·9)	
461/206	TWEERIVIERE	2626	2037	881	29·8		25·7		2·9		24·9	
464/783	TSABONG	2603	2227	960	105·4		51·7		1·8		14·0	
467/487	MOROKWENG - POL	2607	2347	1126	221·5	162	38·0	37	0·0	0	14·5	26
467/720	SEBATA	2630	2354	1190	66·3		29·5		0·2		33·8	
467/818	DONEGAL	2608	2358	1125	264·5		18·0		6·0		35·6	
468/210	FIELDEN	2630	2407	1231	198·4		62·5		0·0		26·5	
468/456	MIRFIELD	2606	2416	1143	318·2		95·7		0·0		12·0	
468/500	HAARLEM	2620	2417	1189	230·0		64·5		8·0		49·8	
468/698	ROELOFSKAMP	2608	2424	1142	233·1		44·1		0·0		5·0	
469/ 13	KAFFERSPRUIT	2613	2431	1190	257·8		63·8		0·0		10·0	
469/359	PEACHDALE	2629	2442	1350	259·5		92·1		10·0		19·5	
469/459	MOSITA	2609	2446	1180	225·0	116	109·1	77	12·9	118	19·1	21
470/196	SETLAGODI - POL	2616	2507	1219	261·0	126	118·0	85	7·5	55	42·2	45
470/516	NEVERSET	2606	2518	1219	189·9		173·7		10·6		51·6	
471/195	MODIFONTEIN - NAF	2615	2537	1340	229·7		134·2		17·5		111·2	
471/259	YOUNGSBURY	2619	2539	1341	238·7		176·9		21·3		191·1	
471/435	NOOITGEDACHT	2615	2545	1370	212·5		131·3		20·9		108·0	
471/490	LUSTHOF	2610	2547	1400	204·2		151·3		23·7		105·5	
471/624	DOORNDRAAD	2624	2551	1400	221·9		110·9		32·5		123·8	
471/853	LOSLAPDOORNS	2613	2559	1463	202·0		114·0		18·5		126·5	
472/135	RIETFONTEIN	2615	2605	1433	293·0		114·0		19·0		123·5	
472/279	LICHTENBURG - TNK	2609	2610	1477	189·0	61	110·5	67	13·8	83	77·5	59
472/281	LICHTENBURG - BOS	2611	2610	1477	229·0		113·5		12·3		88·0	
472/378	RIETFONTEIN	2618	2613	1494	353·9		115·0		15·0		90·5	
472/455	MANANA	2605	2616	1447	190·0		167·1		14·1		100·6	
472/566	MALGASFONTEIN	2626	2619	1490	268·0		174·0		25·5		96·0	
473/ 83	RODIPOORT	2623	2633	1417	233·4		103·5		13·0		75·2	
473/404	VLIEGER	2614	2644	1494	220·5		131·5		13·5		103·2	
473/416	KLIPPLAATSDRIFT - SKL	2626	2644	1372	229·4		70·5		12·5		119·0	
473/686	RODDEKOP	2626	2653	1494	212·5		161·9		12·0		176·2	
473/713	PALMIETFONTEIN	2623	2654	1434	219·6		113·0		0·0		98·3	
473/819	MELVILLE	2609	2658	1555	217·2		42·5		0·0		100·6	
474/198	ZAMENKOMST	2618	2707	1502	372·5		116·5		15·3		162·0	
474/255	KLERKSKRAAL - POL	2615	2709	1475	314·5		116·8		14·6		134·1	
474/270	FREDERIKSTAD - SAR	2630	2709	1490	(169·5)		102·5		9·0		209·5	
474/502	WELVERDIEND - SAR	2622	2717	1478	232·5		131·8		5·0		186·4	
474/684	BLYVOORUITSIG - GM	2624	2723	1555	398·8		194·4		16·5		209·5	
474/741	CARLETONVILLE	2621	2725	1521	265·1		146·8		16·1		182·4	
474/751	VLAKFONTEIN	2601	2726	1525	362·8		128·5		25·0		79·0	
475/ 22	BENTLEY PARK	2622	2731	1600	227·6		104·8		12·2		162·6	

R E E N V A L R A I N F A L L

TOTALE REENVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	M A A N D - M O N T H MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	J A A R JAN 1959 DEC 1959 MM	PER	Y E A R JUL 1958 JUN 1959 MM	PER
440/885	131.6	103.5	103.5	49.5	36.5	0.0	5.0	0.0	2.0	65.0	94.5	153.5	744.6	105	(844.2)	-
441/104	136.2	92.5	61.5	45.0	18.5	0.0	0.0	0.0	1.5	42.1	94.0	134.5	625.8	93	607.7	90
441/113	174.6	83.5	65.9	52.7	41.1	0.0	2.5	0.0	5.7	72.0	93.8	154.2	746.0	116	749.8	116
441/261	175.0	58.5	12.0	62.0	35.5	2.5	10.0	0.0	0.0	57.0	94.0	164.0	670.5	96	700.0	100
441/270	110.0	126.0	28.5	65.0	56.5	0.0	0.0	0.0	14.0	80.5	89.5	147.5	717.5	116	789.0	128
441/309	126.0	64.8	30.5	32.0	26.0	0.1	12.2	0.1	4.8	63.7	91.1	147.6	598.9		647.0	
441/447	136.5	38.0	25.0	54.5	44.5	2.0	11.0	0.0	8.5	71.5	136.0	135.0	662.5	92	736.5	103
441/578	199.0	63.5	21.0	31.5	27.0	0.0	9.0	0.0	24.0	87.2	97.2	146.0	705.4		790.4	
441/596	83.5	56.0	17.0	44.0	42.5	1.5	4.0	0.0	10.0	65.7	136.9	98.2	559.3		648.3	
441/650	97.0	120.0	26.5	46.5	40.5	0.0	0.0	0.0	10.0	73.0	104.5	167.5	685.5	96	719.5	101
441/694	120.9	111.0	55.0	23.5	24.8	0.0	10.0	0.0	28.2	76.2	128.1	135.1	712.8	107	739.1	111
441/777	101.5	45.0	34.6	63.0	47.1	0.0	5.0	0.0	8.3	63.0	91.0	176.5	635.0	88	639.0	89
442/ 68	88.2	63.0	57.0	31.0	25.0	0.3	8.0	0.0	44.0	73.0	105.8	179.0	674.3	97	635.3	91
442/150	101.0	71.5	20.5	31.0	27.3	0.0	6.0	0.0	14.0	61.5	89.3	102.5	524.6		649.1	
442/393	93.6	78.9	64.5	40.5	46.0	0.0	16.0	0.0	36.8	87.0	119.9	147.2	730.4	100	796.0	109
442/660	56.5	100.5	49.0	30.5	25.5	0.5	8.5	0.0	18.0	89.5	114.0	139.0	631.5	90	664.8	95
442/772	44.1	57.0	69.0	19.5	29.0	0.0	0.0	0.0	27.5	59.5	127.0	91.5	504.1		731.9	
442/811	97.0	89.0	86.0	22.7	28.7	0.0	9.0	0.0	34.0	72.5	178.5	185.2	802.6		825.1	
442/853	65.1	42.9	86.8	27.5	32.3	0.0	7.5	0.0	32.9	63.3	111.7	100.7	570.7		672.0	
442/867	42.0	98.5	90.5	29.5	30.5	0.0	6.0	0.0	26.0	78.0	103.0	82.5	586.5	81	687.8	95
443/196	90.7	66.2	56.6	13.9	8.0	0.0	10.1	0.0	23.5	50.5	131.3	132.8	583.6	84	583.4	84
443/451	(45.2)	60.5	60.1	31.5	49.5	0.0	6.2	0.0	42.2	57.9	134.8	112.5	(600.4)		-	
443/730	145.3	67.5	72.0	12.0	67.0	0.0	0.0	0.0	64.0	82.5	144.0	107.0	761.3		871.6	
444/126	110.2	82.4	81.1	14.6	90.2	0.0	2.0	2.3	53.1	67.4	139.6	141.6	784.5		987.5	
444/176	140.0	107.0	35.7	7.0	78.0	0.0	12.0	1.0	45.2	63.0	120.5	168.0	777.4	82	765.7	80
444/203	100.0	115.0	40.0	0.0	52.5	0.0	13.5	0.0	49.5	63.0	130.5	102.5	666.5	85	654.0	83
444/277	148.6	72.5	70.6	11.0	72.0	0.0	0.0	1.8	46.5	67.2	251.5	142.5	884.2	102	896.2	104
444/332	151.0	111.5	26.5	0.0	43.5	0.0	2.0	0.0	48.0	29.5	192.5	104.0	708.5		771.5	
444/540	98.9	58.9	34.7	9.9	61.9	0.1	15.7	1.9	47.6	77.8	109.4	139.2	656.0	72	677.3	74
444/653	68.5	105.0	55.5	0.0	99.7	0.0	0.0	0.0	20.0	58.8	63.0	--	(470.5)	-	738.6	85
444/679	164.0	92.9	98.1	5.5	89.2	0.0	14.0	4.2	43.0	58.7	76.8	97.6	744.0	93	850.3	107
444/746	96.6	77.3	104.4	6.1	74.6	0.5	11.7	4.1	39.7	56.7	55.4	110.6	637.7	79	752.2	94
445/100	150.2	65.4	107.4	14.5	106.2	0.0	2.1	2.0	44.0	63.0	66.8	125.7	747.3	85	863.4	98
445/273A	163.4	113.0	99.6	12.3	50.0	0.0	12.1	4.3	43.5	79.4	76.6	95.2	749.4		882.4	
445/569	125.0	110.5	95.5	23.3	66.1	1.0	7.0	11.5	69.4	107.8	113.2	193.2	923.5	81	1007.2	88
445/863	123.5	48.0	56.0	9.2	66.0	0.0	18.5	4.8	47.5	76.5	41.1	119.5	610.6	78	709.5	90
446/136	92.7	52.3	86.1	5.6	30.1	0.0	34.4	3.7	44.8	87.2	90.6	115.2	642.7	76	710.9	84
446/311	91.0	79.6	143.5	0.5	32.2	2.9	6.0	4.5	39.5	48.0	24.0	78.2	549.9		593.2	
446/355	81.5	43.0	37.5	0.0	55.0	0.0	8.0	0.0	40.0	52.0	30.5	78.0	425.5		599.0	
446/471	34.7	96.2	65.5	0.0	31.3	0.0	0.0	1.5	31.5	48.5	51.0	80.9	441.1	74	508.2	85
446/762	109.0	108.5	75.0	0.0	40.0	0.0	7.5	0.0	41.0	57.5	26.0	112.0	576.5		591.5	
447/446	74.4	92.7	35.1	0.0	43.6	0.0	0.0	0.0	29.0	64.0	41.0	63.0	442.8	69	551.6	86
447/534	90.5	92.0	19.3	0.0	34.0	0.0	7.5	0.0	35.0	69.9	85.2	74.5	507.9		488.4	
448/450	170.5	77.3	55.2	21.3	31.0	3.0	45.0	48.0	24.0	51.0	99.1	80.4	705.8	75	743.7	80
448/597	66.5	41.3	31.5	27.5	44.0	20.0	18.5	--	(23.0)	56.8	90.1	83.4	(502.6)		598.7	
461/206	8.5	11.3	9.2	16.1	0.4	2.5	0.0	0.0	0.0	0.0	24.9	30.1	103.4		60.7	
464/783	35.7	56.9	17.0	16.8	17.9	0.3	1.5	0.0	0.0	0.1	13.9	72.6	232.7	79	173.1	58
467/487	139.0	44.5	8.5	24.0	5.5	0.0	0.0	0.0	0.0	6.5	8.0	51.5	287.5	95	289.5	96
467/720	25.0	16.3	0.0	1.5	28.0	0.2	0.0	0.0	0.0	17.4	16.4	37.9	142.7		109.0	
467/818	157.0	68.0	9.0	9.0	0.0	0.0	6.0	0.0	0.0	11.6	24.0	53.0	337.6		315.5	
468/210	98.9	50.0	10.5	14.3	37.7	0.0	0.0	0.0	0.0	9.5	17.0	4.5	242.4	58	331.9	79
468/456	127.0	39.5	8.5	66.0	21.2	0.0	0.0	0.0	0.0	2.0	10.0	83.0	357.2		478.7	
468/500	114.0	38.5	0.0	36.5	28.0	0.0	8.0	0.0	0.0	32.0	17.8	41.8	316.6	75	393.4	92
468/698	111.1	42.5	26.5	17.6	0.0	0.0	0.0	0.0	0.0	0.0	5.0	69.0	271.7	66	351.7	85
469/ 13	82.5	31.6	6.0	57.8	0.0	0.0	0.0	0.0	0.0	10.0	0.0	48.5	236.4		387.3	
469/359	78.0	94.3	18.2	44.3	29.6	0.0	10.0	0.0	0.0	16.7	2.8	32.5	326.4	83	418.0	106
469/459	103.5	8.7	59.7	34.2	15.2	0.0	12.9	0.0	0.0	10.5	8.6	110.1	363.4	83	436.9	100
470/196	80.0	82.0	14.0	83.5	20.5	0.0	7.5	0.0	0.0	13.8	28.4	52.3	382.0	84	541.7	120
470/516	66.9	48.0	47.5	101.2	25.0	1.6	9.0	0.0	0.0	29.6	22.0	73.7	424.5	85	522.5	105
471/195	44.0	67.5	41.7	66.5	26.0	1.0	16.5	0.0	0.0	92.7	18.5	59.5	433.9		503.4	
471/259	70.7	58.6	70.1	78.0	28.8	3.8	17.5	0.0	0.0	138.9	52.2	68.3	586.9	105	656.0	117
471/435	52.1	64.3	32.2	80.9	18.2	0.0	20.9	0.0	0.0	54.3	53.7	68.9	445.5		607.7	
471/490	74.0	74.6	24.3	92.4	34.6	2.5	21.2	0.0	0.0	20.8	84.7	84.0	513.1		522.8	
471/624	58.5	75.8	22.5	66.8	21.6	11.0	21.5	0.0	0.0	59.3	64.5	107.5	509.0		617.0	
471/853	47.5	113.0	25.5	60.0	28.5	2.0	16.5	0.0	0.0	27.5	99.0	51.5	471.0		452.5	
472/135	102.5	89.0	17.5	71.5	25.0	4.0	15.0	0.0	0.0	53.0	70.5	72.5	520.5	83	566.5	90
472/279	83.2	51.4	7.5	83.6	19.4	2.8	11.0	0.0	0.0	14.0	63.5	96.5	432.9	70	497.4	80
472/281	82.5	46.0	16.5	76.0	21.0	0.0	12.3	0.0	0.0	17.0	71.0	97.0	439.3	72	517.5	85
472/378	104.9	74.0	32.0	61.5	21.5	5.5	9.5	0.0	0.0	30.0	60.5	141.4	540.8		649.9	
472/455	93.7	58.5	30.0	99.6	37.5	2.6	11.5	0.0	0.0	22.9	77.7	78.9	512.9		514.2	
472/566	71.5	45.0	70.5	78.0	25.5	4.5	21.0	0.0	0.0	29.0	67.0	96.0	508.0		582.5	
473/ 83	53.2	37.0	32.0	39.5	32.0	0.0	13.0	0.0	0.0	8.7	66.5	105.5	387.4	74	467.9	90
473/404	94.5	60.0	14.5	81.5	35.5	3.0	10.5	0.0	0.0	49.4	53.8	127.4	530.1	92	529.5	92
473/416	57.6	58.5	10.5	41.5	18.5	1.5	11.0	0.0	0.0	31.0	88.0	88.5	406.6	84	387.4	80
473/686	46.3	55.3	37.8	90.5	33.6	0.0	12.0	0.0	0.0	36.5	139.7	110.1	561.8	95	504.1	85
473/713	116.8	48.2	21.8	65.8	27.4	0.0	0.0	0.0	0.0	27.9	70.4	55.2	431.5	83	499.8	96
473/819	107.0	40.8	0.0	40.5	2.0	0.0	0.0	0.0	0.0	46.2	54.4	99.2	390.1		465.1	
474/198	132.0	107.0	19.5	60.5	36.5	1.3	14.0	0.0	1.0	54.3	106.7	118.0	650.8	98	706.3	106
474/255	104.9	68.6	27.0	47.8	42.0	0.5	14.1	0.0	0.0	65.6	68.5	112.3	551.3	98	596.3	106
474/270	101.5	--	8.5	67.5	26.5	0.0	9.0	0.0	0.0	81.5	128.0	67.5	(490.0)		(383.	
474/502	104.0	51.0	18.5	85.3	28.0	0.0	5.0	0.0	0.0	74.4	112.0	106.5	584.7	88	479.8	72
474/684	151.0	155.3	43.4	111.0	40.0	2.5	14.0	0.0	0.5	69.5	139.5	132.0	858.7		804.4	
474/741	128.0	64.4	29.5	83.4	33.9	2.3	13.8	0.0	0.3	72.6	109.5	130.4	668.1		605.4	
474/751	128.9	61.3	10.0	85.5	33.0	0.0	25.0	0.0	0.0	13.5	65.5	88.7	511.4	68	667.8	89
475/ 22	112.1	57.5	21.3	51.3	32.2	0.0	12.2	0.0	1.2	68.6	92.8	69.9	519.1		482.7	

R E Ë N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	φ S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
475/ 56	LEEUWPOORT	26°26′	27°32′	1548	147·0		153·0		13·0		203·0	
475/227	VENTERSPOS-OLD HOMESTEAD	2617	2738	1570	232·7		108·4		15·9		176·7	
475/338	RANDFONTEIN - PUR	2608	2742	1676	196·9		130·3		18·1		148·4	
475/370	RANDFONTEIN - GM	2610	2743	1763	295·8		143·8		21·6		188·6	
475/404	LUIPAARDSVLEI	2615	2744	1615	278·5		126·5		16·0		264·0	
475/456	KRUGERSDORP-CORONTN PARK	2606	2746	1699	498·2	128	164·5	91	21·9	71	225·4	117
475/477	ELDORADO	2627	2746	1539	412·0		109·6		1·5		140·5	
475/517	LUIPAARDSVLEI - GM	2607	2748	1762	495·7		136·6		22·0		203·7	
475/528	ZUURBEKOM - RWB	2618	2748	1578	380·3	107	91·6	59	11·8	48	213·2	115
475/611	DURBAN ROODEPOORT DP-GM	2611	2751	1701	369·1		196·6		20·7		238·5	
475/661	SUMMERHILL	2601	2753	1491	379·5		217·5		2·5		167·0	
475/669	ROODEPOORT - MUN	2609	2753	1742	349·7		171·0		19·5		219·0	
475/717	DOORNKUIL	2627	2754	1547	297·0		96·5		6·5		130·0	
475/736	KLIPSPRUIT - PUR	2616	2755	1661	263·0		104·5		15·5		(145·4)	
475/761	MARAISBURG - GM	2611	2756	1709	350·1		130·3		21·6		154·1	
475/852	JOHANNESBURG-PAARLSHOOP	2612	2759	1707	315·0		135·5		19·5		168·5	
475/881	JOHBURG BRAAMFONTEIN CEM	2611	2800	1747	375·2		159·0		22·4		192·1	
476/ 12	JOHANNESBURG-VREDEDORP	2612	2801	1646	328·2		141·0		20·0		183·3	
476/ 12A	JOHANNESBURG-SMIT STREET	2612	2801	1646	311·1		126·9		23·5		174·3	
476/ 31	LEEUWKOP - TNK	2601	2802	1495	309·0		135·5		0·0		155·0	
476/ 40	JOHANNESBURG - ZOO	2610	2802	1615	394·0		177·1		15·3		193·0	
476/ 42	JOHANNESBURG-BURGERSDORP	2612	2802	1719	296·8		133·2		20·0		179·5	
476/ 43	JOBURG - OPHIRTON DEPOT	2613	2802	1710	304·5		135·9		18·0		191·5	
476/ 44	JOHANNESBURG-TURFFONTEIN	2614	2802	1707	289·9		130·6		20·1		178·5	
476/ 67	JOHANNESBURG - RIEPEN	2607	2803	1539	350·0		162·0		12·0		156·7	
476/ 71	JOHANNESBURG-BEREA-RSV	2611	2803	1759	418·8		129·4		20·5		176·6	
476/ 72	JOHBURG - JOUBERT PARK	2612	2803	1753	415·1		152·2		22·1		184·5	
476/ 74	JOHANNESBURG-SPRINGFIELD	2614	2803	1737	349·7		120·0		13·0		152·9	
476/ 98	JOHANNESBURG-CYDNA-PUR	2608	2804	1646	393·4		133·6		13·2		181·3	
476/100	JOHBURG-KING EDWARD-SKL	2610	2804	1768	436·5		145·3		19·1		190·5	
476/101	JOHANNESBURG - UNION CRS	2611	2804	1806	447·9	122	127·7	75	17·9	65	193·6	100
476/103	JOHBURG - CITY DEEP - GM	2610	2804	1707	357·7		122·0		17·9		163·2	
476/111	ZWARTKOPPIES - RWB	2621	2804	1514	280·3		104·0		10·8		182·2	
476/128	JOHANNESBURG - WAVERLEY	2608	2805	1646	382·8		140·6		13·9		176·2	
476/129	JOHANNESBURG - NORWOOD	2609	2805	1707	389·0		145·0		17·5		190·0	
476/154	FRANKENWALD	2604	2806	1509	343·5		126·2		11·3		189·9	
476/160	JOHBURG ROYAL GOLFCOURSE	2610	2806	1615	344·6		149·3		15·1		206·4	
476/163	ROSHERVILLE - POW	2613	2806	1695	329·4		138·0		16·3		179·2	
476/191	JOHANNESBURG BRUMA PUR	2611	2807	1615	351·7		128·5		20·5		195·8	
476/227	NEW MARKET	2617	2808	1539	248·1		125·5		10·9		170·2	
476/246	SPRINGKELL	2606	2809	1676	345·2		106·8		12·7		182·6	
476/252	GERMISTON-SIMMER JACK-GM	2612	2809	1704	352·1		124·1		16·2		234·7	
476/255	GERMISTON - GOLF CLUB	2615	2809	1665	353·0		96·4		14·5		(124·5)	
476/282	GERMISTON-ROSE DEEP-GM	2612	2810	1692	301·0		124·0		18·1		220·0	
476/283	GERMISTON FJ-PAYNE PARK	2613	2810	1661	323·1		122·6		12·5		182·3	
476/283A	GERMISTON-SIMMERPAN-POW	2613	2810	1689	318·1		114·4		15·0		197·5	
476/309	RIETFONTEIN - GM	2609	2811	1646	332·5		151·5		0·0		224·5	
476/378	RONDEBULT - PUR	2618	2813	1555	322·4		124·5		11·0		199·1	
476/387	DIEPKLOOF	2627	2813	1646	223·3		67·0		0·0		159·8	
476/396	KEMPTON PARK - SAR	2606	2814	1664	329·9		129·0		8·7		222·9	
476/398	JAN SMUTS - WK	2608	2814	1694	338·2		118·3		·		214·3	
476/403	EAST RAND - GM	2613	2814	1631	279·5		145·7		10·7		189·7	
476/433	BOKSBURG - MUN	2613	2815	1631	260·0		115·6		14·5		184·2	
476/522	BENONI - RACE COURSE	2612	2818	1652	378·0	108	132·0	83	20·0	77	178·0	88
476/526	VANDYK - GM	2616	2818	1650	286·6		109·7		13·1		170·4	
476/630	HEIDELBERG I	2630	2821	1541	276·5	82	76·4	47	0·7	3	196·2	105
476/644	BRAKPAN - MUN	2614	2822	1634	352·5		120·4		11·8		196·4	
476/660	HEIDELBERG - SAR	2630	2822	1541	243·5		95·0		8·3		186·7	
476/673	GOVT GM AREAS	2613	2823	1646	396·6		107·4		12·7		235·5	
476/736	SPRINGS - RWB	2616	2825	1628	286·8		102·6		10·6		229·0	
476/762	GEDULD - PULP FACTORY	2612	2826	1645	485·2		103·9		14·3		170·5	
476/766	SPRINGS - OLYMPIA PARK	2616	2826	1628	387·0		108·1		14·0		265·1	
476/793	GEDULD - GM	2613	2827	1646	475·4		96·5		12·1		200·5	
476/802	SUB - NIGEL - GM	2622	2827	1606	203·3		153·2		4·0		196·0	
477/191	DROOGEFONTEIN	2611	2837	1591	515·0		126·0		19·5		198·1	
477/309	DELMAS	2609	2841	1562	420·3		123·5		22·0		206·2	
477/459	MOABSVELDEN	2609	2846	1585	472·0		114·5		19·5		153·5	
477/501	DEVON - POL	2621	2847	1670	328·5		99·5		8·5		174·5	
477/762	STREHLA	2612	2856	1585	445·4		131·7		14·5		209·1	
477/772	LESLIE - SAR	2622	2856	1676	422·5		62·5		42·0		201·0	
478/ 8	COLOGNE	2608	2901	1585	463·6		133·4		8·5		244·5	
478/ 93	OGIES - POL	2603	2904	1585	489·1	135	116·3	78	12·9	45	245·0	116
478/292	LANGSLOOT	2622	2910	1555	431·0		97·5		0·0		288·0	
478/360	DRIEFONTEIN	2630	2912	1625	332·8		105·3		9·4		265·0	
478/386	TWEEDRAAI	2626	2913	1570	331·5		115·5		9·0		233·[illegible]	
478/406	ONVERWACHT	2616	2914	1555	485·5		138·0		0·0		220·5	
478/546	VANDYKSDRIFT	2606	2919	1521	427·7		124·6		8·8		289·4	
478/837	BETHAL - MUN	2627	2928	1640	365·5		105·0		8·5		351·7	
478/853	MIDDELKRAAL	2613	2929	1631	254·9		108·7		7·5		375·5	
479/225	VLAKLAAGTE	2615	2938	1615	274·5		85·0		10·0		2[illegible]·3	
479/238	BRAKFONTEIN	2628	2938	1705	387·5		89·5		3·5		225·[illegible]	
479/298	HAMELFONTEIN	2628	2940	1698	416·2		123·8		8·6		256·4	
479/326	UITZICHT	2626	2941	1705	287·0		81·2		2·0		259·0	
479/369	HENDRINA - POL	2609	2943	1615	351·2		90·3		2·3		256·6	
479/545	KARINA	2605	2949	1631	352·0	103	135·5	100	21·0	74	257·0	118

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
475/ 56	52.4	26.0	45.0	77.0	31.0	0.0	13.0	0.0	0.0	55.5	147.5	125.0	572.4	86	449.1	67
475/227	110.2	46.5	18.5	64.9	25.0	0.0	15.9	0.0	0.0	45.0	131.7	103.1	560.8	82	555.6	81
475/338	69.2	48.6	25.3	79.5	25.5	2.5	15.6	0.0	1.5	56.9	90.0	112.8	527.4		542.7	
475/370	105.9	77.5	24.7	86.8	32.3	4.1	17.5	0.0	0.8	78.1	109.7	119.6	657.0	91	678.1	94
475/404	106.0	64.0	31.5	67.5	27.5	3.0	13.0	0.0	0.0	105.0	159.0	94.5	671.0	106	627.5	99
475/456	211.2	162.5	46.8	83.9	33.8	3.5	18.4	0.0	3.5	89.2	132.7	102.5	888.0	112	891.1	112
475/477	174.6	94.9	38.3	43.0	28.3	0.0	1.5	0.0	0.0	72.5	68.0	171.2	692.3	120	656.5	114
475/517	205.2	148.7	35.6	77.5	23.5	3.0	19.0	0.0	4.0	74.3	125.4	99.3	815.5	105	875.8	113
475/528	175.7	81.3	22.0	40.4	29.2	1.6	10.2	0.0	1.8	82.6	128.8	92.4	666.0	92	698.6	97
475/611	120.1	62.5	85.5	85.0	26.1	3.7	17.0	0.0	0.5	58.3	179.7	101.0	739.4	90	841.9	102
475/661	111.1	88.0	77.5	112.0	28.0	1.0	1.5	0.0	0.3	79.0	87.7	150.5	736.6		756.0	
475/669	137.2	58.0	69.5	72.0	29.5	5.5	14.0	0.0	0.0	58.0	161.0	98.5	703.2	94	801.9	107
475/717	148.0	78.0	26.0	45.0	25.5	0.0	6.5	0.0	4.5	72.0	53.5	92.1	551.1	84	539.4	82
475/736	91.7	46.8	37.5	44.5	22.5	3.0	12.5	0.0	3.0	46.4	(96.0)	--	(403.9)		547.9	79
475/761	101.5	78.0	40.5	67.8	22.0	6.1	15.5	0.0	1.6	49.4	103.1	124.6	610.1	89	778.7	113
475/852	91.5	89.0	32.0	75.0	28.5	5.0	14.5	0.0	4.5	50.0	114.0	146.5	650.5	85	659.0	86
475/881	80.1	111.9	54.2	77.2	27.6	7.4	15.0	0.0	6.4	42.7	143.0	153.5	719.0	87	757.7	92
476/ 12	67.4	133.0	43.5	70.0	27.5	9.5	10.5	0.0	5.8	55.5	122.0	105.4	650.1	91	780.7	109
476/ 12A	59.9	110.7	37.5	61.0	28.4	8.5	15.0	0.0	6.0	43.3	125.0	124.7	620.0	79	656.9	84
476/ 31	86.0	107.0	46.0	73.5	16.0	0.0	0.0	0.0	9.5	56.5	89.0	152.0	635.5		647.8	
476/ 40	90.5	96.0	81.0	69.1	27.0	4.8	10.5	0.0	7.5	42.5	143.0	139.0	710.9	89	807.9	101
476/ 42	62.5	73.9	38.0	67.5	27.7	6.5	13.5	0.0	6.5	52.0	121.0	133.5	602.6	83	650.9	90
476/ 43	57.1	71.0	28.5	82.3	25.1	4.3	13.7	0.0	14.6	56.0	120.9	160.7	634.2		713.6	
476/ 44	52.1	66.6	32.6	69.8	28.2	7.0	13.1	0.0	10.2	54.3	114.0	156.2	604.1	79	675.0	89
476/ 67	84.5	74.5	66.0	81.0	15.0	0.0	12.0	0.0	8.0	39.0	109.7	106.5	596.2	83	743.9	103
476/ 71	98.0	67.6	43.5	58.0	27.9	6.6	13.9	0.0	7.5	35.4	133.7	126.8	618.9	77	826.9	103
476/ 72	77.4	98.1	54.8	71.2	26.2	8.0	14.1	0.0	7.5	41.8	135.2	154.9	689.2	73	815.9	96
476/ 74	53.5	65.5	21.0	75.5	23.5	0.0	13.0	0.0	10.5	40.0	102.4	128.1	533.0	70	700.5	93
476/ 98	112.4	83.3	46.5	62.6	24.5	1.5	11.7	0.0	6.5	53.3	121.5	118.0	641.8	87	770.4	105
476/100	108.8	88.2	59.8	59.0	26.5	4.5	14.6	0.0	7.2	46.2	137.1	139.2	691.1	88	865.2	111
476/101	108.2	94.4	42.4	56.0	29.3	4.3	13.6	0.0	9.6	50.2	133.8	158.8	700.6	93	853.9	113
476/103	64.6	79.5	39.8	56.8	25.4	5.1	12.8	0.0	9.7	38.9	114.6	150.9	598.1	77	716.4	93
476/111	89.0	65.0	30.1	53.0	20.9	2.6	8.2	0.0	8.9	79.1	94.2	103.1	554.1	78	544.9	77
476/128	106.2	117.6	49.0	69.4	22.2	1.8	12.1	0.0	8.5	58.3	109.4	134.0	688.5	82	776.3	93
476/129	101.0	95.5	44.5	72.0	28.5	5.0	12.5	0.0	11.0	53.5	125.5	132.0	681.0	85	789.5	98
476/154	102.8	87.2	48.8	56.7	20.7	1.0	10.3	0.0	12.2	53.4	124.3	152.3	669.7	89	693.7	92
476/160	104.1	89.2	59.1	66.2	24.0	3.6	11.5	0.0	12.9	82.7	110.8	107.6	671.7	91	724.0	97
476/163	89.5	89.5	50.7	60.2	27.1	4.5	11.8	0.0	14.3	41.8	123.1	182.3	694.8	94	727.3	98
476/191	112.0	72.7	39.0	64.0	25.5	10.0	10.5	0.0	14.0	54.4	127.4	159.2	688.7	88	786.6	101
476/227	65.4	68.8	53.6	52.1	19.8	2.7	8.2	0.0	14.2	53.8	102.2	134.0	574.8	86	602.8	90
476/246	89.9	121.4	38.9	49.3	18.6	1.2	11.5	0.0	18.6	58.4	105.6	137.5	650.9	89	709.0	97
476/252	86.9	101.0	38.5	63.3	22.3	5.2	11.0	0.0	15.5	59.3	159.9	156.6	719.5	92	784.3	100
476/255	97.7	80.3	36.6	35.3	24.5	0.0	14.5	0.0	15.5	66.0	(43.0)	233.0	(646.4)	91	718.8	101
476/282	74.0	93.0	47.0	55.5	21.5	6.5	11.6	0.0	15.0	62.0	143.0	148.5	677.6	89	693.5	92
476/283	74.9	98.8	48.9	50.9	22.8	4.0	8.5	0.0	15.0	50.0	117.3	119.5	610.6	78	705.9	90
476/283A	68.8	92.0	49.9	47.0	17.5	5.5	9.5	0.0	16.8	62.6	118.1	125.4	613.1	81	696.7	92
476/309	75.0	66.0	35.5	96.5	19.5	0.0	0.0	0.0	23.0	70.6	130.9	171.0	688.0	97	717.9	101
476/378	79.3	91.9	70.4	46.8	7.3	3.5	7.5	0.0	29.5	46.4	123.2	147.2	653.0		662.1	
476/387	106.8	45.5	6.5	33.5	27.0	0.0	0.0	0.0	7.6	60.0	92.2	125.9	505.0		450.1	
476/396	96.6	101.8	41.9	68.1	19.0	0.0	8.7	0.0	28.0	62.6	132.3	157.8	716.8	102	668.7	95
476/398	97.0	78.3	30.4	69.9	18.0	0.9	9.4	0.0	28.1	57.7	128.5	122.9	541.1		706.5	
476/403	79.6	61.9	70.7	53.8	21.2	0.0	10.7	0.0	30.0	65.9	93.8	150.4	638.0	85	728.2	97
476/433	77.8	69.7	54.8	39.9	20.9	6.5	8.0	0.0	17.0	59.7	107.5	162.3	624.1	91	700.7	102
476/522	94.0	76.0	55.0	53.0	24.0	5.0	15.0	0.0	7.0	56.0	115.0	149.0	649.0	88	804.0	109
476/526	99.5	63.7	45.4	39.2	25.1	3.7	9.3	0.1	2.5	52.1	115.8	134.2	590.6		663.6	
476/630	134.5	55.2	15.6	44.5	16.3	0.7	0.0	0.0	1.1	76.3	118.8	162.1	525.1	88	541.3	76
476/644	114.7	82.6	47.6	49.7	23.1	3.8	8.0	0.0	5.1	58.5	132.7	157.6	683.5	93	791.3	108
476/660	121.0	46.0	22.0	59.5	13.5	0.0	8.3	0.0	2.0	71.2	113.5	165.5	622.5	93	496.8	74
476/673	118.3	109.1	45.7	40.3	21.4	4.5	8.2	0.0	5.3	104.8	125.4	145.6	728.6	97	785.7	105
476/736	104.5	68.6	33.7	42.0	26.9	3.6	7.0	0.0	7.2	76.8	145.0	130.0	645.3	91	655.0	92
476/762	150.2	70.2	37.6	52.3	14.0	5.0	9.3	0.0	4.0	62.6	103.9	89.3	598.4		869.0	
476/766	129.5	94.5	29.7	45.9	32.5	4.0	10.0	0.0	6.1	84.5	174.5	136.4	747.6	107	806.6	115
476/793	133.3	118.7	39.6	40.9	16.0	4.0	8.1	0.0	4.0	86.3	110.2	133.8	694.9	96	836.3	115
476/802	84.8	50.0	95.5	23.7	34.0	0.0	4.0	0.0	6.0	86.0	104.0	145.5	633.5	91	553.5	80
477/191	124.5	43.0	29.0	80.5	16.5	8.5	11.0	0.0	0.0	57.8	140.3	163.0	674.1	95	686.5	97
477/309	144.0	33.5	32.5	65.0	26.0	4.0	18.0	0.0	0.0	55.7	150.5	99.0	628.2	99	772.1	122
477/459	191.5	43.0	37.5	46.5	30.5	6.0	13.5	0.0	0.0	28.0	125.5	111.5	633.5	90	876.5	125
477/501	117.5	97.0	35.5	52.0	12.0	0.0	8.5	0.0	5.0	51.5	118.0	159.0	656.0	105	670.2	107
477/762	90.0	59.0	52.7	54.5	24.5	7.0	7.5	0.0	0.0	87.7	121.4	120.3	624.6	99	862.3	137
477/772	111.0	112.5	17.0	45.5	0.0	42.0	0.0	0.0	0.0	67.5	133.5	126.1	655.1	92	763.0	108
478/ 8	149.0	62.5	55.9	52.5	25.0	1.5	7.0	0.0	0.0	69.7	174.8	70.0	667.9	98	869.9	128
478/ 93	131.1	111.0	37.5	56.4	22.4	2.9	10.0	0.0	4.5	43.5	197.0	78.7	695.0	92	881.6	117
478/292	80.0	106.5	47.5	28.0	22.0	0.0	0.0	0.0	0.0	134.0	154.0	136.0	708.0	102	725.0	104
478/360	114.5	59.3	48.2	36.4	20.7	0.9	8.5	0.0	7.8	106.1	151.1	167.9	721.4	100	680.6	94
478/386	78.0	82.0	66.0	20.5	29.0	0.0	9.0	0.0	7.0	74.5	151.5	85.2	602.7	89	620.5	92
478/406	167.0	102.0	62.5	58.5	17.0	0.0	0.0	0.0	6.0	67.0	147.5	75.0	702.5	111	852.3	135
478/546	132.5	116.7	56.6	51.0	17.0	1.3	7.5	0.0	7.5	43.7	238.2	113.8	785.8	115	775.9	114
478/837	101.0	58.0	31.0	54.0	20.0	0.0	8.5	0.0	39.0	62.7	250.0	125.7	749.9	99	783.0	[illegible]
478/853	76.4	56.0	30.0	58.8	19.9	4.5	3.0	0.0	35.5	102.5	237.5	135.7	759.8	103	623.6	[illegible]
479/225	93.0	45.5	44.5	28.0	12.5	0.0	10.0	0.0	36.0	45.3	150.0	129.9	594.7	91	635.9	97
479/238	94.0	107.5	37.5	34.0	18.0	0.0	3.5	0.0	42.0	54.5	128.5	110.5	630.0	85	777.5	105
479/298	100.7	114.4	64.6	39.1	20.1	3.0	5.5	0.1	39.4	74.7	142.3	146.7	750.6	93	866.6	107
479/326	94.0	57.0	57.0	19.2	5.0	2.0	0.0	0.0	41.0	62.7	155.3	111.9	605.1		675.9	
479/369	132.6	83.3	41.6	21.5	27.2	1.4	0.5	0.4	36.0	43.6	177.0	69.5	634.6		743.2	
479/545	166.5	84.5	77.0	17.5	41.0	0.0	21.0	0.0	48.0	37.5	171.5	81.0	745.5	102	750.5	[illegible]

R E Ë N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	φ S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
479/739	KLIPFONTEIN	26°19′	29°55′	1830	281·9		115·9		9·3		192·1	
479/778	DOUGLAS DAM	2628	2956	1675	303·5		124·0		9·5		330·0	
479/858	BREYTEN - MUN	2618	2959	1794	285·0		99·5		11·5		185·0	
480/170	WELGELEGEN	2620	3006	1675	276·9		57·9		3·3		149·5	
480/184A	CAROLINA - TNK	2604	3007	1698	276·3	81	115·3	80	16·3	61	241·5	102
480/347	BOTHWELL	2617	3012	1675	298·3		143·7		8·7		228·3	
480/537	KOOLBANK - AGR	2627	3018	1700	355·3		113·6		3·4		230·0	
480/764	WARBURTON	2614	3026	1675	(190·7)		178·0		5·0		242·8	
481/ 14	JESSIEVALE - BOS	2614	3031	1733	360·1		199·2		20·0		379·5	
481/167	BUSBY	2617	3036	1524	440·0	110	197·0	116	0·0	0	214·0	79
481/239	BROADHOLM	2629	3038	1601	533·1		165·8		16·2		204·3	
481/259	THE GEM - POL	2619	3039	1645	572·7		162·5		4·0		283·0	
481/310	THE BROOK	2610	3041	1747	435·9	105	195·8	111	0·0	0	225·3	85
481/731	HARTBEESKOP - POL	2611	3055	1507	566·5	126	191·5	106	0·0	0	247·5	97
481/848	STEYNSDORP	2608	3059	913	280·5		170·2		5·0		254·0	
482/229	MBABANE	2619	3108	1163	756·1	111	226·5	73	32·6	44	300·9	84
482/357	MC CREEDY	2627	3112	762	458·6	85	180·8	73	24·1	42	220·7	72
482/527	MBULUZI-LEPER HOSPITAL	2617	3118	760	524·0		331·0		73·0		229·9	
482/581	MALANDELA	2611	3120	760	766·0		314·0		60·5		320·5	
482/689	BREMERSDORP - AGR	2629	3123	599	243·1	59	217·8	119	15·3	29	206·5	94
482/867	ST JOSEPH S MISSION	2627	3129	518	320·3		236·3		18·2		172·4	
483/ 64	BALEGANE RANCH	2604	3133	335	511·9		115·8		50·2		117·3	
483/ 72	FOYERS	2621	3133	365	436·3		154·9		57·4		191·8	
483/ 82	DINEDOR	2622	3133	403	426·7		195·4		26·7		187·0	
483/114	MPISI - GOVT FARM	2624	3134	425	453·7		157·0		25·4		182·6	
483/426	SWAZ RANCHES - HOMESTEAD	2606	3145	250	411·8	129	158·9	114	13·2	36	109·4	69
483/695	SWAZ RANCHES VUVULAND	2605	3154	200	429·0		167·5		14·6		136·3	
483/729	NOKWANE	2609	3155	191	381·2		166·4		15·2		118·8	
483/807	STEGI	2627	3157	653	405·8	117	127·8	63	13·4	25	139·6	72
484/135	MHLUMENI	2615	3205	365	553·5		157·9		31·8		76·2	
503/200	ROCHELLE	2550	2307	975	166·0		48·2		0·0		30·2	
503/873	ECHUCA	2533	2330	1005	165·0		69·0		0·0		12·5	
504/ 50	POMFRET	2550	2332	1100	186·6		98·4		0·5		26·3	
504/398	POKER FLAT	2538	2344	1036	220·3		103·8		5·0		15·7	
504/723	KINROSS	2533	2355	1036	215·4		81·7		5·5		25·0	
505/347	VERGELEGEN	2547	2412	1065	185·0		93·0		6·5		23·0	
505/446	STIRLING	2556	2415	1080	179·9		136·8		9·4		19·4	
505/590	LABERA	2550	2420	1079	149·0		98·5		8·5		19·0	
505/795	DALYSPAN	2545	2427	1067	223·9		107·7		8·5		60·5	
505/834	CARDIGAN	2554	2428	1130	169·8		77·8		7·5		9·8	
506/386	LOGAGING	2556	2443	1280	212·1	122	106·0	90	8·0	53	49·8	66
507/716	SHOPSITE	2556	2524	1250	249·5		125·5		10·0		55·0	
508/161	NEW PARK	2541	2536	1272	246·3		111·6		10·3		94·1	
508/232	MAFEKING - WK	2552	2538	1277	277·6		113·9		18·2		120·1	
508/261	MAFEKING - TNK	2551	2539	1277	291·3	105	118·5	79	16·0	114	124·1	104
508/261A	MAFEKING - SECRETARIAT	2551	2539	1277	277·4		110·5		16·5		114·0	
508/406	DE WIG	2546	2544	1341	246·5		69·0		12·5		53·0	
508/428	JAGERSFONTEIN	2538	2545	1341	223·5		119·3		9·0		44·8	
508/649	SLURRY	2549	2552	1387	189·6		126·9		11·4		71·6	
508/721	STINKHOUTBOOM	2531	2555	1433	250·0		118·0		6·0		83·6	
508/825	OTTOSHOOP - POL	2545	2558	1433	143·5		96·0		11·5		41·0	
509/ 78	NOUPOORT	2548	2603	1433	187·2	59	131·5	84	11·0	49	81·8	60
509/123	ZEERUST	2533	2605	1207	261·3		127·5		9·1		65·2	
509/283	DOORNHOEK	2543	2610	1433	203·2		143·9		14·7		34·4	
509/556	BRONKHORSTFONTEIN	2546	2619	1525	194·0		139·0		6·5		53·0	
509/695	GROOT MARICO - SKL	2535	2624	1113	290·0		123·0		18·0		78·8	
509/726	GROOT MARICO	2536	2625	1113	277·5	88	147·5	103	14·5	65	98·5	72
509/759	KOEDOESFONTEIN - SKL	2539	2626	1177	310·2		144·6		19·1		145·1	
509/829	BOKKRAAL	2549	2628	1524	194·4		139·9		15·7		109·7	
510/105	RIETFONTEIN	2545	2634	1510	360·5		124·5		22·5		120·9	
510/306	WINKELHAAK	2536	2641	1370	341·5		138·0		--		122·0	
510/308	SWARTRUGGENS - POL	2538	2641	1311	359·2		160·4		15·0		106·9	
510/328	KWAGGASNEK	2558	2641	1600	163·0		126·5		--		(51·7)	
510/410	DOORNPOORT	2550	2644	1463	(89·5)	-	97·0	59	21·5	110	115·5	76
510/433	DOORNKOM	2443	2645	1390	307·0		191·9		16·5		108·9	
510/690	RHENOSTERFONTEIN	2600	2653	1630	310·1		(92·0)		22·9		114·1	
510/712	KOSTER - POL	2552	2654	1585	449·5		157·0		25·0		77·4	
510/781	WATERVAL - SKL	2531	2657	1128	314·3		81·1		0·0		54·5	
510/817	RIETFONTEIN - SKL	2537	2658	1219	345·5		119·5		12·5		90·0	
511/ 84	DERBY	2554	2703	1372	483·4		110·0		--		152·7	
511/120	DWARSFONTEIN	2600	2704	1554	369·7		138·3		15·5		78·0	
511/291	MIDDELFONTEIN	2551	2710	1363	419·2		103·8		19·3		120·7	
511/310	DONKERHOEK - RAINHILL	2540	2711	1372	281·7		113·6		14·5		162·2	
511/373	TIGERKLOOF	2543	2715	1372	431·0		106·1		18·1		[illegible]	
511/400	RUSTENBURG - POL	2540	2714	1120	340·0	104	113·0	69	15·0	62	[illegible]	
511/418	BOONS - POL	2558	2714	1548	390·4		92·0		18·5		[illegible]	
511/437	OLIFANTSNEKDAM	2547	2715	1186	381·0		86·5		16·0		[illegible]	
511/467	HEXKRANTZ	2547	2716	1219	422·5		95·8		4·1		[illegible]	
511/469	OLIFANTSPOORT	2549	2716	1219	413·8		101·2		15·8		[illegible]	
511/477	ZANDFONTEIN	2557	2716	1548	358·3		106·7		21·1			
511/497	BOSCHFONTEIN	2547	2717	1189	427·6		96·9		15·7		109·7	
511/523	RUSTENBURG - AGR	2543	2718	1157	327·0		100·5		15·3		190·9	
511/524	WATERKLOOF	2544	2719	1189	416·6		98·2		46·2		138·6	
511/527	UMGODINE	2547	2718	1219	376·6		108·8		16·7		129·3	
511/573	BOSPOORTDAM	2533	2720	1065	334·6		118·2		12·0		125·0	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
479/739	93·8	57·7	73·2	17·2	25·5	2·6	6·7	0·0	42·2	28·1	121·8	104·9	573·7		659·8	
479/778	95·5	61·0	84·5	18·5	21·0	0·0	9·5	0·0	32·5	76·1	221·4	128·7	748·7		764·6	
479/858	130·5	50·5	42·5	18·5	38·5	2·5	9·0	0·0	54·0	31·0	100·0	41·0	518·0		647·0	
480/170	60·8	80·3	22·1	34·6	1·2	0·0	3·3	0·0	40·0	12·7	96·8	87·8	439·6		591·2	
480/184A	112·6	62·5	32·3	50·0	33·0	0·1	15·3	0·9	40·0	34·5	167·0	110·9	659·1	88	661·1	88
480/347	51·2	104·7	44·1	56·1	43·5	0·0	8·7	0·0	48·3	28·8	151·2	75·4	612·0		723·8	
480/537	118·0	56·5	40·3	26·3	47·0	0·0	3·2	0·2	39·5	52·0	138·5	125·9	647·4		765·3	
480/764	97·0	93·7	63·5	23·5	91·0	0·0	0·0	5·0	53·0	45·0	144·5	165·5	781·7		(448·7)	
481/ 14	129·3	86·3	74·2	26·0	99·0	0·0	20·0	0·0	65·0	41·0	273·5	129·5	943·8	104	846·8	94
481/167	124·0	98·0	53·0	35·0	109·0	0·0	0·0	0·0	49·0	66·0	99·0	174·0	807·0	92	904·0	104
481/239	129·2	109·4	54·3	25·0	87·5	0·0	3·2	13·0	48·0	59·1	97·2	173·7	799·6	96	980·9	117
481/259	167·8	131·5	41·5	33·0	88·0	0·0	2·5	1·5	43·0	67·8	172·2	160·7	909·5	100	969·3	106
481/310	136·4	115·5	44·9	14·3	136·6	0·0	0·0	0·0	47·5	41·0	136·8	199·0	872·0	98	906·6	102
481/731	277·5	129·0	122·0	8·5	61·0	0·0	0·0	0·0	67·5	52·0	128·0	234·5	080·0	118	1063·5	116
481/848	84·0	82·0	105·5	9·5	55·2	0·0	0·0	5·0	47·5	57·5	149·0	196·0	791·2	114	664·2	96
482/229	276·5	242·6	147·5	6·0	73·0	0·0	19·0	13·6	81·9	103·9	115·1	248·6	327·7	93	-	
482/357	137·3	123·3	89·8	6·5	84·5	0·0	18·4	5·7	57·9	76·4	86·4	180·6	866·8	76	934·4	81
482/527	175·5	120·5	180·0	0·0	151·0	0·0	64·5	8·5	64·4	52·5	113·0	201·5	131·4		1129·5	
482/581	290·5	183·0	217·5	32·5	64·0	0·0	48·0	12·5	79·0	70·5	171·0	215·5	384·0		1465·4	
482/689	101·3	48·5	142·0	2·8	73·0	0·0	11·5	3·8	53·1	82·3	71·1	148·6	738·0	85	704·8	82
482/867	102·5	62·5	115·8	16·0	104·5	0·0	18·2	0·0	49·5	58·8	64·1	124·7	716·6	86	698·8	84
483/ 64	172·7	138·7	47·2	6·4	62·2	4·5	44·9	0·8	47·2	29·9	40·2	81·0	675·7	92	852·4	116
483/ 72	124·5	104·8	59·5	10·0	85·4	0·0	50·0	7·4	52·5	58·5	80·8	127·0	760·4		890·2	
483/ 82	146·8	104·3	75·1	0·8	119·5	0·0	26·7	0·0	47·7	50·6	88·7	117·0	777·2	106	797·5	109
483/114	188·1	99·0	63·5	9·0	84·5	1·0	24·4	0·0	53·1	53·5	76·0	103·6	755·7		796·3	
483/426	149·5	92·0	60·6	7·5	90·8	0·0	12·5	0·7	43·5	40·0	25·9	68·5	591·5	90	752·0	115
483/695	157·8	76·9	61·7	7·1	98·7	0·0	14·2	0·4	66·3	46·3	23·7	75·2	628·3		867·3	
483/729	96·1	74·6	85·0	0·9	80·5	5·7	9·5	0·0	49·1	37·8	31·9	60·0	531·1		817·5	
483/807	161·9	108·0	68·9	15·0	43·9	0·0	0·0	13·4	56·2	(41·5)	41·9	103·4	(654·1)	82	735·5	93
484/135	172·7	111·5	71·9	13·0	73·0	4·5	25·3	2·0	3·7	48·0	24·5	55·0	605·1		913·4	
503/200	54·5	74·5	2·0	23·2	23·0	0·0	0·0	0·0	0·0	9·2	21·0	64·0	271·4		227·7	
503/873	57·3	88·0	24·5	20·0	24·5	0·0	0·0	0·0	0·0	0·5	12·0	124·0	350·8		271·0	
504/ 50	80·7	70·8	29·3	17·5	51·6	0·5	0·0	0·0	0·0	3·0	23·5	85·7	362·4		318·7	
504/398	56·2	103·0	17·5	64·9	21·4	0·0	5·0	0·0	0·0	4·5	11·2	94·9	378·6		420·9	
504/723	61·5	92·0	24·2	39·0	18·5	0·0	5·5	0·0	0·0	18·6	6·4	102·3	368·0		(340·7)	
505/347	63·0	37·5	24·0	54·0	15·0	0·0	6·5	0·0	0·0	18·0	5·0	94·9	317·9		361·5	
505/446	82·5	48·0	57·0	54·3	25·5	0·0	9·4	0·0	0·0	4·5	14·9	65·7	361·8		387·2	
505/590	74·0	25·0	15·0	62·0	21·5	0·0	8·5	0·0	0·0	11·0	8·0	56·5	281·5	68	291·5	70
505/795	84·6	51·6	37·2	64·4	6·1	0·0	8·5	0·0	0·1	21·7	38·7	122·6	435·5		421·2	
505/834	72·3	29·5	28·0	43·3	6·5	0·0	7·5	0·0	3·0	0·0	6·8	55·5	252·4		364·9	
506/386	43·6	101·5	30·0	67·0	9·0	0·0	8·0	0·0	0·0	7·0	42·8	66·8	375·7	98	437·8	114
507/716	86·0	49·0	36·0	67·0	22·5	0·0	10·0	0·0	0·0	10·0	45·0	63·0	388·5	83	514·0	110
508/161	88·0	57·5	33·6	45·0	33·0	0·8	9·5	0·0	0·0	6·7	87·4	119·5	481·0		473·8	
508/232	131·1	65·2	18·3	74·0	21·6	2·1	15·2	0·9	0·0	18·3	101·8	131·9	580·4		573·6	
508/261	136·8	60·0	19·0	78·5	21·0	2·0	14·0	0·0	0·0	15·0	109·1	117·5	572·9	105	610·4	110
508/261A	134·2	61·9	17·5	74·0	19·0	2·0	14·0	0·5	0·0	14·5	99·5	118·5	555·6	105	553·8	102
508/406	113·5	44·5	0·0	39·0	30·0	3·0	9·5	0·0	0·0	4·0	49·0	128·5	421·0	82	431·3	83
508/428	72·5	38·5	30·9	48·9	39·5	0·0	9·0	0·0	0·0	6·5	38·3	136·5	420·6	83	536·4	106
508/649	52·8	59·5	29·7	59·1	38·1	2·0	9·4	0·0	0·0	14·6	57·0	139·6	461·8	85	501·6	92
508/721	75·0	23·0	5·0	62·0	51·0	0·0	6·0	0·0	0·0	19·6	64·0	120·0	425·6	72	474·3	80
508/825	20·5	38·0	22·5	45·5	28·0	0·0	11·5	0·0	0·0	11·0	30·0	135·0	342·0	63	409·0	75
509/ 78	104·0	46·7	26·8	65·2	39·5	0·0	11·0	0·0	0·0	9·5	72·3	83·7	458·7	73	531·2	84
509/123	110·8	37·7	11·9	58·4	57·2	0·1	9·0	0·0	0·5	19·4	45·3	90·6	440·9	74	531·3	88
509/283	72·3	51·9	15·9	80·3	47·7	0·0	14·7	0·0	0·0	10·0	24·4	103·1	420·3	80	500·6	96
509/556	79·5	26·0	15·0	86·0	38·0	0·0	6·5	0·0	0·0	7·0	46·0	101·0	405·0		415·5	
509/695	69·0	53·5	9·0	63·0	51·0	0·0	18·0	0·0	0·3	40·5	38·0	108·0	450·3	76	545·0	92
509/726	61·5	58·5	14·5	71·0	62·0	1·0	13·5	0·0	2·0	43·0	53·5	108·0	488·5	79	555·0	89
509/759	94·0	40·0	20·1	67·3	57·2	0·0	19·1	0·0	0·2	28·0	116·9	108·0	550·8	107	616·7	120
509/829	94·1	27·8	17·0	86·9	36·0	0·2	15·5	0·0	1·2	26·1	82·4	115·8	503·0		490·9	
510/105	114·0	109·5	28·0	55·0	41·5	0·0	22·5	0·0	0·0	29·4	91·5	69·0	560·4		637·6	
510/306	84·5	44·5	6·0	71·5	60·5	0·0	--	0·0	0·0	40·5	81·5	97·0	(486·0)	87	612·5	110
510/308	127·2	74·0	23·5	76·0	60·9	0·0	15·0	0·0	2·0	20·9	84·0	69·5	553·0	94	692·9	118
510/328	48·5	52·0	15·5	91·0	20·0	0·0	--	--	0·0	--	51·7	106·9	(385·6)		455·0	81
510/410	41·0	48·5	6·0	68·0	23·0	0·0	21·5	0·0	0·0	14·5	101·0	88·0	411·5	65	-	-
510/433	64·2	94·8	31·3	105·8	54·8	0·0	16·5	0·0	0·4	21·5	87·0	138·5	614·8	105	674·9	115
510/690	119·4	114·2	14·0	78·0	--	22·9	0·0	0·0	0·0	22·8	91·3	82·9	(545·5)		(593·7)	
510/712	141·0	70·0	27·5	80·5	49·0	0·0	25·0	0·0	0·0	22·4	55·0	85·0	555·4	86	742·0	115
510/781	196·2	67·6	4·8	40·4	35·9	0·0	0·0	0·0	0·0	0·0	54·5	25·2	424·6	72	477·0	80
510/817	107·5	88·0	34·0	44·5	41·0	0·0	12·5	0·0	0·0	4·0	86·0	62·5	480·0	78	546·0	89
511/ 84	90·3	119·0	12·5	60·0	37·5	0·0	--	0·0	0·0	21·5	131·2	136·2	(608·2)		769·1	
511/120	72·1	118·5	23·3	82·5	32·5	0·0	15·5	0·0	0·0	14·0	64·0	119·0	541·4	94	702·7	122
511/291	153·5	79·5	8·5	56·3	39·0	0·8	18·5	0·0	0·0	5·0	115·7	94·5	571·3	94	702·2	115
511/310	104·4	57·0	31·9	44·0	37·7	0·0	14·5	0·0	1·3	30·2	130·7	78·3	530·0	71	562·4	75
511/373	135·4	77·5	21·2	44·0	40·9	1·1	17·0	0·0	0·3	28·7	151·9	105·5	623·5		707·5	
511/400	84·0	79·5	25·0	57·5	30·5	0·0	15·0	0·0	0·0	9·4	119·3	83·4	503·6	75	623·6	93
511/418	134·3	94·5	10·5	60·0	21·5	0·0	18·5	0·0	0·0	21·5	90·5	87·5	538·8	90	680·0	113
511/437	119·0	53·0	11·0	44·5	31·0	0·0	16·0	0·0	0·0	8·0	88·0	100·5	471·0	73	630·5	-
511/467	156·5	65·1	7·2	52·9	35·7	0·6	3·5	0·0	0·0	12·1	87·8	87·8	509·2	68	702·2	-
511/469	118·1	79·5	11·9	54·1	35·2	0·8	15·0	0·0	0·0	9·0	92·3	77·8	493·7	72	721·7	106
511/477	134·1	74·1	13·5	63·0	30·2	3·1	18·0	0·0	0·0	10·1	83·6	87·7	517·4	77	641·3	96
511/497	149·9	71·3	11·6	50·3	35·0	0·7	15·0	0·0	0·0	15·9	93·8	80·0	523·5	70	709·7	95
511/523	116·6	73·0	22·8	44·5	33·2	0·6	14·7	0·0	0·5	12·7	177·7	72·6	568·9		589·[illegible]	
511/524	139·4	84·2	17·4	45·3	35·5	0·2	46·0	0·0	0·6	17·0	121·0	80·8	587·4	87	682·5	
511/527	154·9	66·4	11·1	61·8	35·9	0·8	15·9	0·0	0·0	16·9	112·4	100·2	576·3	80	656·7	[illegible]
511/573	132·5	70·6	25·0	62·0	31·2	0·0	11·5	0·5	3·0	30·2	91·8	115·5	573·8		662·1	

R E Ë N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
511/672	KLIPFONTEIN	25°42′	27°23′	1169	373·2		98·2		13·8		128·1	
511/855	BUFFELSPOORT I	2545	2729	1295	463·2	137	97·5	59	10·5	39	104·2	64
511/855A	BUFFELSPOORT II - AGR	2545	2729	1230	377·1		110·7		15·5		94·5	
511/858	BUFFELSFONTEIN	2548	2729	1370	349·8		105·3		15·5		132·2	
511/870	CARMEL ESTATE	2600	2729	1555	420·0		124·0		19·5		65·0	
512/ 56	SEEKOEIHOEK	2556	2732	1341	439·5		133·2		16·0		95·2	
512/144	NOOITGEDACHT	2554	2735	1356	383·8		106·5		17·5		192·9	
512/246	GELUK - IRR	2536	2739	1128	275·7		139·0		10·0		121·3	
512/280	KARREEPOORT - IRR	2540	2740	1158	371·6		132·6		10·7		154·4	
512/365	LOSPERFONTEIN - AGR	2535	2743	1160	358·4		135·7		11·5		134·0	
512/395	WOLWEKRAAL - IRR	2535	2744	1109	401·0		137·5		14·2		112·0	
512/399	UITVALGROND - IRR	2539	2744	1128	416·2		119·8		9·8		128·6	
512/418	MARYVALE FARM	2558	2744	1524	360·6		127·5		18·0		165·3	
512/451	RASHOOP - IRR	2531	2746	1128	339·4		106·5		9·5		158·5	
512/481	MAMOGALESKRAAL	2531	2747	1097	303·0		121·6		7·8		167·0	
512/488	BRITS	2538	2747	1097	390·3		89·8		14·5		119·1	
512/545	HARTEBEESTPOORT - AGR	2535	2749	1109	393·5		116·5		9·5		129·0	
512/552	SANDFONTEIN - IRR	2542	2749	1128	500·3		80·5		15·0		141·9	
512/580	DE KROON - IRR	2540	2750	1152	427·5		88·5		12·0		160·5	
512/602	MAMOGALESKRAAL-SUID-IRR	2532	2751	1158	376·6		97·2		10·2		174·5	
512/613	HARTEBEESPOORTDAM - IRR	2543	2751	1217	457·9		101·2		14·3		139·4	
512/787	GREYLINGSPOST	2537	2757	1231	325·5		71·2		10·0		110·9	
512/860	HENNOPSRIVIER	2550	2759	1280	259·2		132·0		0·0		99·5	
513/ 64	TOEVLUG	2534	2803	1220	391·7		78·5		9·0		201·8	
513/135	PRETORIA - WESTFORT	2545	2805	1402	376·9		113·8		12·5		152·1	
513/158	HARTEBEESHOEK	2538	2806	1295	412·8		89·5		9·4		170·4	
513/159	HARTEBEESHOEK	2539	2806	1295	400·6		128·2		18·7		123·9	
513/165	PRETORIA-PROCLAMATN HILL	2545	2806	1356	392·7		103·2		11·9		131·7	
513/227	VOORTREKKERHOOGTE	2547	2808	1503	372·2		99·3		13·3		138·9	
513/254	PRETORIA-SKINNER S COURT	2544	2809	1341	421·7		102·2		12·0		134·2	
513/254A	PRETORIA-WEST END PLANT	2544	2809	1430	426·0		117·5		12·2		134·0	
513/255	PRETORIA - POW	2545	2809	1372	373·9		85·9		11·4		127·2	
513/260	ZWARTKOP	2550	2809	1341	407·9		134·3		11·0		140·9	
513/284	PRETORIA - PUR	2544	2810	1286	416·2		94·0		11·5		123·9	
513/285	PRETORIA - NEW CEMETERY	2545	2810	1353	431·9		99·3		11·5		127·2	
513/285A	PRETORIA - BOS	2545	2810	1341	460·4		103·7		10·5		114·7	
513/309	ONDERSTEPOORT - VET	2539	2811	1219	380·0		76·5		9·6		182·1	
513/312	PRETORIA - MAYVILLE	2542	2811	1265	386·2		91·5		11·6		169·8	
513/314	PRETORIA - ZOO	2544	2811	1300	440·7		92·2		11·6		127·9	
513/315	PRETORIA - PRINSHOF	2545	2811	1427	388·0		101·1		9·3		115·8	
513/337	BON ACCORD DAM	2537	2812	1204	404·5		79·4		0·0		160·0	
513/342	PRETORIA-WONDERBOOM SUID	2542	2812	1325	366·7		90·7		10·0		195·5	
513/343	PRETORIA - CAPITAL PARK	2543	2812	1325	390·0		81·9		10·9		146·9	
513/345	PRETORIA - BURGERSPARK	2545	2812	1326	461·5	136	117·8	74	11·8	50	145·0	77
513/347	PRETORIA - FOUNTAINS	2547	2812	1372	395·0		113·7		0·0		133·5	
513/374	PRETORIA - PWD KWEKERY	2544	2813	1402	380·7		90·4		10·0		131·6	
513/374B	PRETORIA - ARCADIA AGR	2544	2813	1333	(383·0)		(81·2)		10·4		114·4	
513/382	IRENE	2552	2813	1448	312·4		155·5		13·8		180·1	
513/404	PRETORIA - BRYNTERION I	2544	2814	1350	429·4		96·8		10·0		138·9	
513/404A	PRETORIA - RIETONDALE	2544	2814	1372	405·1		105·6		10·0		149·5	
513/405A	PRETORIA - WB	2545	2814	1369	452·0		111·0		11·0		136·1	
513/437	PRETORIA - WATERKLOOF	2547	2815	1417	457·6		109·2		10·5		157·6	
513/464	PRETORIA - KOEDOESPOORT	2544	2816	1280	447·0		100·9		9·4		136·1	
513/465	PRETORIA-UNIV PROEFPLAAS	2545	2816	1372	416·7		124·4		10·2		134·1	
513/484	WATERVAL	2534	2817	1220	348·8		76·8		8·5		231·0	
513/492	LINQUENDA	2542	2817	1356	371·3		85·2		9·9		135·1	
513/496	PRETORIA - LYNNWOOD	2546	2817	1372	416·2		105·2		10·8		154·8	
513/524	THE WILLOWS	2544	2818	1323	381·0		83·9		10·0		166·4	
513/531	RIETVLEI	2551	2818	1524	468·0		115·7		11·4		194·0	
513/550	KAMEELDRIFT	2540	2819	1250	351·9		70·6		7·5		168·0	
513/605	ROODEPLAAT - AGR	2535	2821	1164	335·4		61·4		6·8		181·2	
513/643	EERSTE FABRIEKE	2543	2822	1305	306·1		90·5		9·8		147·5	
513/677	PIENAARSPOORT	2547	2823	1356	396·0		86·5		15·0		172·0	
513/827	DONKERHOEK - SKL	2547	2828	1393	362·5		97·5		10·0		172·1	
513/836	WELBEKEND - POL	2556	2828	1615	364·4		139·5		0·0		274·5	
514/ 10	PREMIER MINE - CULLINAN	2540	2831	1375	367·0	100	110·7	75	7·7	30	200·0	98
514/112	KLEINZONDERHOUT	2552	2834	1372	431·2		52·9		9·0		238·5	
514/399	LEEUFONTEIN	2539	2844	1495	210·5		69·0		0·0		117·7	
514/408	BRONKHORSTSPRUIT - MUN	2548	2844	1427	315·5		115·0		4·2		190·7	
514/452	DELVILLE	2532	2846	1495	328·5		81·5		2·0		201·0	
514/480	GROENFONTEIN	2600	2846	1540	411·5		112·5		0·0		165·5	
514/618	WILGERIVIER	2548	2851	1432	343·4	98	92·9	62	9·5	32	176·8	85
514/833	UITKYK	2553	2858	1555	384·7		77·5		8·7		180·9	
515/ 79	KLEINWATER	2549	2903	1463	442·5		94·0		8·0		223·5	
515/155	WATERVAL	2535	2906	1198	286·5	88	116·2	82	5·5	23	269·2	151
515/234	CLEWER	2554	2908	1530	500·0		123·0		0·0		280·5	
515/270	WATERPAN	2600	2909	1600	454·0		109·0		10·0		12[illegible]·9	
515/382	WITBANK II - MAG	2552	2913	1573	359·6	98	119·4	78	8·3	31	25[illegible]·9	130
515/383	WITBANK - POW	2553	2913	1585	397·1		112·5		15·5		261·5	
515/386	LANDAU	2556	2913	1555	399·6		104·9		5·4		248·5	
515/412	WITBANK - MUN	2552	2914	1600	353·2		113·3		19·2		291·0	
515/528	OLIFANTSRIVIER - SAR	2548	2918	1442	403·0		119·0		20·4		[illegible]27·1	
515/732	BOTSABELO - SKL	2542	2925	1408	347·5		123·5		16·7		[illegible]	
515/826	MIDDELBURG - TNK	2546	2928	1447	410·9		95·4		7·4		27[illegible]·5	
516/190	BANKFONTEIN	2540	2937	1525	292·4		119·6		6·5		308·5	

R E Ë N V A L   R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAANDE - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
511/672	159.8	91.1	17.1	49.0	32.1	0.5	13.3	0.0	0.1	13.9	114.1	70.7	561.7	95	647.2	109
511/855	150.0	26.5	16.5	50.5	30.5	1.5	9.0	0.0	0.0	14.5	89.7	79.5	468.2	68	794.6	114
511/855A	141.5	27.5	29.7	51.2	29.8	1.2	14.3	0.0	0.0	12.7	81.8	77.8	467.5	70	691.6	103
511/858	115.4	55.6	21.7	52.6	31.0	0.0	15.5	0.0	0.0	25.7	106.5	66.0	490.0		684.5	
511/870	167.0	77.5	20.0	72.0	32.0	0.0	19.5	0.0	0.0	17.0	48.0	88.5	541.5	78	709.5	102
512/ 56	119.5	69.5	24.2	82.0	27.0	3.0	13.0	0.0	0.0	15.0	80.2	114.0	547.4	81	787.2	117
512/144	176.8	67.0	25.0	58.0	23.5	0.0	17.5	0.0	0.0	32.4	160.5	79.5	640.2	90	694.8	98
512/246	84.2	88.5	10.5	102.0	26.5	0.0	10.0	0.0	3.5	19.6	98.2	173.8	616.8	96	619.2	96
512/280	158.5	61.6	24.2	84.2	24.2	0.0	10.7	0.0	0.0	33.9	120.5	153.1	670.9	99	759.1	111
512/365	127.1	55.7	12.2	95.5	28.0	0.0	11.5	0.0	3.5	29.5	101.0	177.5	641.5	109	713.4	122
512/395	137.0	53.0	20.5	89.5	27.5	0.0	14.2	0.0	4.0	22.3	85.7	128.7	582.4	84	793.8	115
512/399	145.5	65.1	26.1	67.0	26.7	0.0	9.8	0.0	0.0	29.6	99.0	154.0	622.8	90	774.2	112
512/418	133.5	64.5	17.5	81.2	28.8	3.0	15.0	0.0	0.8	60.0	104.5	135.1	643.9	86	719.6	97
512/451	98.0	61.0	19.5	60.0	27.0	0.0	9.5	0.0	0.5	21.3	136.7	118.9	552.4	89	667.2	107
512/481	111.2	43.0	29.6	64.0	28.0	0.0	7.8	0.0	0.0	49.5	117.5	137.5	588.1	96	600.5	98
512/488	161.6	58.2	20.6	39.7	29.5	0.0	14.5	0.0	0.6	27.9	90.6	168.5	611.7	92	761.1	115
512/545	131.5	61.5	22.0	70.0	24.5	0.0	9.5	0.0	6.5	31.0	91.5	163.0	611.0	97	710.5	113
512/552	174.4	89.8	17.2	41.3	22.0	0.0	15.0	0.0	1.3	25.8	114.8	134.5	636.1	88	826.8	114
512/580	177.5	72.0	13.5	51.5	23.5	0.0	12.0	0.0	0.0	32.5	128.0	172.0	682.5	100	785.0	116
512/602	145.0	67.6	14.5	55.7	27.0	0.0	10.2	0.0	6.5	32.0	136.0	172.0	666.5	121	700.2	127
512/613	184.5	120.5	44.4	32.8	24.0	1.5	12.8	0.0	1.7	25.7	112.0	139.0	698.9	99	807.5	115
512/787	158.3	39.8	4.5	41.2	25.5	0.0	10.0	0.0	0.1	31.0	79.8	106.8	497.0	76	604.5	93
512/860	126.7	67.0	59.5	44.0	28.5	0.0	0.0	0.0	0.0	23.0	76.5	126.6	551.8	90	621.7	101
513/ 64	113.0	95.0	12.0	42.0	24.5	0.0	9.0	0.0	0.0	71.0	130.8	128.4	625.7		700.2	
513/135	168.7	46.2	26.7	64.1	23.0	0.0	12.5	0.0	6.2	26.1	119.8	153.6	646.9	95	718.1	106
513/158	150.5	121.3	20.1	44.4	25.0	0.0	8.2	1.2	3.4	57.5	109.5	102.9	644.0		767.3	
513/159	151.7	58.1	27.5	76.5	24.2	0.0	18.7	0.0	0.0	35.4	88.5	69.7	550.3	75	776.6	106
513/165	171.5	41.5	38.4	40.5	24.3	0.0	11.9	0.0	12.7	20.1	98.9	132.4	592.2		714.4	
513/227	135.7	50.5	38.2	39.8	21.3	0.0	13.3	0.0	14.8	11.6	112.5	136.0	573.7	81	719.2	102
513/254	182.5	47.0	35.5	41.7	25.0	0.0	12.0	0.0	15.5	19.0	99.7	126.5	604.4	86	755.3	107
513/254A	209.0	46.5	44.0	47.5	26.0	0.0	12.2	0.0	12.0	20.0	102.0	132.5	651.7	93	764.0	109
513/255	155.6	47.9	28.8	36.1	21.0	0.0	11.4	0.0	13.9	19.8	93.5	127.2	555.2	81	654.9	96
513/260	155.7	77.3	81.2	32.5	20.6	0.0	11.0	0.0	14.5	16.5	109.9	149.0	668.2	101	767.8	117
513/284	175.8	46.6	36.7	35.3	22.0	0.0	11.5	0.0	9.0	18.9	96.0	115.8	567.6	81	725.8	104
513/285	184.0	48.3	36.0	39.7	23.6	0.0	11.5	0.0	10.6	20.0	96.6	129.6	599.9	89	760.8	113
513/285A	192.7	54.9	37.4	43.2	23.1	0.0	10.5	0.0	9.0	17.7	88.0	152.5	629.0	90	767.5	110
513/309	133.3	78.8	22.4	32.5	21.6	0.4	9.2	0.0	11.5	32.3	138.3	74.5	554.8	77	700.1	98
513/312	160.5	71.7	32.0	34.0	25.5	0.0	11.6	0.0	10.9	42.0	116.9	117.8	622.9	88	722.8	102
513/314	197.9	49.3	38.5	32.7	21.0	0.1	11.5	0.0	9.5	14.8	103.6	142.6	621.5		753.5	
513/315	165.0	54.8	46.7	33.4	21.0	0.0	9.3	0.0	10.1	15.9	89.8	164.4	610.4	87	685.1	97
513/337	123.0	100.5	26.4	33.0	20.0	0.0	0.0	0.0	0.0	25.0	135.0	64.2	547.1	84	721.9	111
513/342	124.6	80.6	32.5	34.2	24.0	0.0	10.0	0.0	11.0	55.5	129.0	70.0	571.4		670.2	
513/343	162.0	62.6	27.9	31.0	23.0	0.0	10.9	0.0	12.1	29.3	105.5	136.5	600.8		686.7	
513/345	198.8	56.2	56.9	38.1	22.8	0.0	11.8	0.0	24.2	12.5	108.3	127.7	657.3	93	777.0	110
513/347	190.0	63.5	33.7	59.0	21.0	0.0	0.0	0.0	16.0	12.4	105.1	184.5	685.2	90	712.3	93
513/374	170.9	55.3	39.5	32.4	18.5	0.0	10.0	0.0	11.0	23.3	97.3	152.5	610.7	87	695.0	99
513/374B	186.4	(17.0)	59.5	.-	21.7	0.2	10.2	0.0	10.5	19.9	93.0	78.0	(496.4)		(610.6)	
513/382	138.3	54.6	83.4	53.5	18.6	1.1	12.7	0.0	29.2	34.9	116.0	144.7	687.0	99	694.4	100
513/404	187.6	81.8	51.5	22.1	23.2	0.0	10.0	0.0	11.5	20.9	106.5	95.0	610.1	79	758.6	98
513/404A	157.0	101.4	49.0	35.5	21.1	0.0	10.0	0.0	12.5	22.0	115.0	97.7	621.2	90	750.5	109
513/405A	191.4	66.5	50.9	38.8	21.3	0.0	11.0	0.0	11.5	21.6	105.0	147.9	663.9	85	773.8	99
513/437	225.8	59.0	38.3	50.8	20.1	0.0	10.5	0.0	16.6	25.5	115.5	151.4	713.5	87	780.6	95
513/464	135.3	101.2	50.1	26.3	24.5	0.1	9.3	0.0	10.3	18.7	107.1	132.5	615.4	97	773.3	122
513/465	149.5	88.8	67.5	35.6	21.3	0.4	9.8	0.0	9.5	21.2	103.4	129.6	636.6	89	738.7	104
513/484	124.5	88.3	33.2	26.6	17.0	0.0	8.5	0.0	8.3	37.6	185.1	88.3	617.4		619.5	
513/492	98.6	67.9	37.2	27.0	21.0	0.5	9.4	0.0	9.3	16.8	109.0	99.2	495.9		686.9	
513/496	145.0	86.7	35.8	47.4	22.0	0.5	10.3	0.0	10.5	23.5	120.8	141.6	644.1	89	720.3	99
513/524	171.6	92.6	23.9	39.1	20.9	0.0	10.0	0.0	8.0	9.5	148.9	81.0	605.5	87	640.1	93
513/531	218.6	79.8	53.5	41.2	21.0	0.7	10.7	0.0	7.5	42.7	143.8	176.7	796.2		778.5	
513/550	97.2	68.7	30.5	23.3	16.8	0.0	7.5	0.0	10.0	23.7	134.3	71.5	483.5		636.4	
513/605	106.1	91.1	22.5	24.2	14.7	0.8	6.0	0.0	6.5	32.7	142.0	93.5	540.1		637.3	
513/643	91.6	76.1	35.3	34.6	20.6	0.3	9.5	0.0	6.1	17.1	124.3	133.8	549.3	82	599.1	89
513/677	137.0	98.0	33.0	35.5	18.0	0.0	15.0	0.0	10.0	34.0	128.0	100.5	609.0	93	739.0	113
513/827	130.0	94.0	29.5	48.5	19.5	0.5	9.5	0.0	0.5	40.3	131.3	107.0	610.6	89	675.2	98
513/836	247.9	30.0	56.0	59.5	24.0	0.0	0.0	0.0	0.0	119.0	155.5	34.0	725.9	94	679.8	88
514/ 10	117.2	111.6	48.1	49.5	13.1	0.0	7.7	0.0	6.7	14.3	179.0	126.6	673.8	91	705.6	95
514/112	265.0	29.2	14.2	38.7	0.0	0.0	9.0	0.0	5.0	92.5	141.0	90.0	684.6		666.5	
514/399	108.0	41.5	28.0	22.0	19.0	0.0	0.0	0.0	0.0	5.0	112.7	176.5	512.7		399.0	
514/408	144.3	41.2	48.0	51.0	16.0	0.5	3.1	0.6	3.0	15.1	172.6	161.8	657.2	99	648.7	98
514/452	101.5	81.5	39.5	30.7	11.3	2.0	0.0	0.0	0.0	0.0	201.0	78.0	545.5	96	597.8	105
514/480	184.5	97.5	25.5	64.0	23.0	0.0	0.0	0.0	0.0	17.4	148.1	140.5	700.5		751.0	
514/618	129.3	63.1	37.5	41.9	13.5	0.5	9.0	0.0	4.0	14.0	158.8	134.4	606.0	82	715.3	97
514/833	97.5	95.2	26.8	37.7	13.0	0.0	8.7	0.0	4.5	25.8	150.6	117.8	577.6		707.5	
515/ 79	114.0	95.5	37.5	43.5	13.0	0.0	8.0	0.0	6.5	45.0	172.0	135.5	670.5		809.0	
515/155	121.5	64.5	48.7	44.5	23.0	1.5	4.0	0.0	2.2	28.5	238.5	104.0	680.9	102	656.0	98
515/234	108.0	142.0	56.5	48.5	18.0	0.0	0.0	0.0	16.0	39.0	230.5	114.5	773.0	106	[illegible]	155
515/270	114.5	151.5	44.5	46.0	18.5	0.0	10.0	0.0	6.0	38.5	81.4	6.0	516.9	73	810.5	115
515/382	134.0	49.1	51.2	45.9	22.3	1.3	7.0	0.0	6.9	25.2	226.8	80.0	649.7	87	753.5	101
515/383	140.2	97.1	48.5	41.8	22.2	1.0	14.5	0.0	7.3	26.5	227.7	101.6	728.4	100	807.9	111
515/386	89.2	131.6	45.3	33.1	26.5	0.0	5.4	0.0	6.0	22.8	219.7	110.0	689.6		800.7	
515/412	122.1	79.0	43.0	49.0	21.3	1.8	17.4	0.0	8.4	27.1	255.5	72.8	697.4		[illegible]	
515/528	129.5	108.0	55.5	41.5	22.0	1.0	19.4	0.0	7.0	66.8	253.3	62.5	766.5	122	762.0	121
515/732	134.5	82.5	53.0	47.5	23.0	2.0	14.7	0.0	7.5	33.4	272.0	122.3	792.4	116	719.8	105
515/826	156.4	113.9	36.8	42.9	15.7	1.0	6.4	0.0	18.5	32.2	225.8	86.0	735.6	100	793.6	108
516/190	95.3	56.0	39.0	53.6	27.0	0.0	6.5	0.0	25.0	47.5	236.0	138.5	724.4		658.0	

R E Ē N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	φ S	λ E	H M	KWARTAAL / QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
516/201	EDE	25°51′	29°37′	1585	321·0		108·2		12·4		504·4	
516/285	GEMSBOKFONTEIN - BOS	2545	2940	1661	423·5	112	171·3	109	8·1	35	339·4	161
516/414	RESTON	2554	2944	1625	187·3		81·5		7·1		360·4	
516/480	SCHOONOORD	2600	2946	1661	255·3		106·7		21·6		306·4	
516/554	ROODEPOORT	2544	2949	1737	308·0		147·3		3·0		314·7	
516/701	BOSPOORT	2541	2954	1675	318·0		136·3		2·0		303·7	
516/708	WONDERFONTEIN - SKL	2548	2954	1798	234·3		101·5		10·0		288·0	
517/235	BRAKSPRUIT	2555	3008	1525	317·0		63·0		0·1		202·0	
517/275	ELANDSFONTEIN	2535	3010	1830	426·0		148·3		3·6		229·3	
517/430	MACHADODORP	2540	3015	1609	399·2		122·8		3·2		253·4	
517/578	WATERVAL - BO	2538	3020	1430	424·6		129·9		2·2		270·3	
517/762	WELTEVREDEN	2542	3026	1830	390·9		241·4		5·0		191·5	
517/816	ELANDSHOEK	2536	3028	893	416·4		211·5		0·0		162·9	
518/ 88	BADPLAAS - POL	2558	3033	1067	363·5	95	111·5	71	3·0	10	179·5	72
518/186	VLAKPLAATS	2536	3037	1524	345·4		157·0		0·1		159·2	
518/215	GODWAN RIVER ESTATE	2535	3038	930	341·9		185·4		9·5		205·2	
518/367	COETZEESTROOM - BOS	2537	3043	1448	355·9		159·0		6·1		293·5	
518/393	BERLIN - BOS	2533	3044	1341	365·4		158·3		16·5		258·3	
518/455	KAAPSEHOOP - POL	2535	3046	1529	581·2	75	222·8	67	16·3	24	508·9	119
518/460	WATERFALL	2540	3046	1219	787·2		289·2		17·2		456·1	
518/518	MIDDLEHAM	2538	3048	1128	576·5		185·5		18·5		319·7	
518/589	NELSHOOGTE - BOS	2549	3050	1370	356·3		177·6		2·5		307·5	
518/621	QUEENS RIVER - BOS	2551	3051	1340	361·5		178·4		1·7		228·8	
518/670	RETREAT	2540	3053	823	496·6		182·2		6·0		203·2	
518/676	FRANTZINASRUST	2546	3053	914	428·5		207·5		0·0		228·8	
518/759	MACSVALE	2539	3056	823	425·5		131·0		0·0		192·1	
518/788	SCOTSTON	2538	3057	792	427·5		116·2		2·5		171·5	
518/822	BORNMANSDRIFT	2542	3058	821	362·5		129·1		4·5		202·5	
518/858	MOODIES	2548	3059	884	313·9		104·5		0·0		113·7	
518/859	OORSCHOT	2549	3059	1067	363·0		135·8		0·7		130·9	
518/886	CARMICHAEL - TNK	2546	3100	732	355·3		147·8		0·0		114·5	
519/ 17	BARBERTON - AGR	2547	3101	772	410·6		141·0		0·1		129·4	
519/ 77	BARBERTON - TNK	2547	3103	852	391·5	111	147·3	85	1·3	5	154·3	79
519/134	LOWLANDS	2544	3105	610	443·7		171·5		2·0		150·9	
519/174	LOENEN	2554	3106	533	586·0		236·5		11·2		308·5	
519/237	HAVELOCK MINE	2557	3108	1167	533·8		300·0		15·2		401·6	
519/310	RIVERBANK	2540	3111	533	434·0		145·4		13·0		176·2	
519/390	SWAZILAND PLANTATIONS	2600	3113	945	392·0		224·2		11·2		251·7	
519/448	PIGG S PEAK	2558	3115	1012	469·2	83	183·9	64	(11·0)	-	310·2	107
519/597	MC CORKINDALE	2557	3120	760	605·0		237·9		19·7		292·0	
519/707	NGONINI	2547	3124	835	394·4		203·1		10·8		215·9	
519/732	KAMHLABANE	2542	3125	1205	780·2	90	246·2	57	86·4	94	420·3	108
519/835	MAYIWANE	2555	3128	457	454·8		245·6		14·0		227·4	
519/850	SCHOEMANSDAL - BOS	2540	3129	610	591·0		201·7		50·5		239·0	
519/880	BUFFELSPRUIT - NAF	2540	3130	380	505·0		200·0		24·0		213·0	
520/125	LETUBI	2535	3135	372	398·0	84	120·0	55	43·0	119	168·0	74
520/387	TUNZINI	2557	3143	240	275·3		143·4		19·5		159·3	
520/450	MANANGA	2600	3145	230	429·6		198·5		27·9		125·4	
520/476	BORDER GATE	2556	3146	230	360·5		200·5		23·9		107·8	
520/491	WALDA - NAF	2541	3147	152	350·8		191·3		36·2		148·7	
520/589	FIG TREE	2549	3150	246	313·7		185·3		22·0		175·7	
520/636	SQUAMANS - POL	2536	3152	190	312·0	97	113·5	67	12·0	48	129·5	81
540/620	RUSTHOF	2520	2321	1000	173·5		66·5		0·0		0·0	
541/297	BRAY	2527	2340	1000	100·9		58·1		0·0		25·5	
545/179	PITSANI	2529	2536	1347	135·6		115·0		6·8		58·6	
545/283	LOBATSI	2513	2540	1192	338·7	122	178·2	128	0·0	0	136·4	104
545/499	GOPANE	2519	2547	1219	254·5		122·6		6·5		61·1	
545/626	DINOKANA	2526	2551	1268	214·9	72	126·7	79	6·4	38	81·0	67
545/663	KALKPAN - NAF	2503	2553	1036	324·5		122·0		11·5		97·0	
545/839	WELBEDACHT	2529	2558	1311	332·5		148·0		10·5		58·0	
546/ 7	SWARTFONTEIN - POL	2507	2601	1065	285·9		108·0		10·0		(33·5)	
546/ 82	RIETGAT	2522	2603	1201	166·6		135·0		9·8		96·3	
546/272	NIETVERDIEND	2502	2610	1064	258·1		67·0		14·4		80·5	
546/312	CLIPPESBY	2512	2611	1006	255·2		148·7		18·5		59·5	
546/412	ENZELBERG	2522	2614	1158	294·8	85	129·3	89	22·5	112	95·0	73
546/525	OLIFANTSVLEI	2515	2618	1067	262·5		132·8		19·0		128·4	
546/531	SYFERFONTEIN	2521	2618	1088	259·4		125·1		16·2		84·5	
546/630	MARICO - IRR	2530	2621	1078	272·0		151·6		22·8		77·5	
546/712	SKUINSDRIF - IRR	2522	2624	990	299·3		129·7		21·5		76·6	
546/740	STRAATSDRIFT - IRR	2520	2625	1035	282·0		134·4		24·0		73·4	
546/846	KROMSPRUIT - NAF	2506	2629	1005	272·5		102·0		13·5		110·0	
547/359	LINDLEYSPOORT - IRR	2529	2642	1175	290·6		108·8		16·0		129·5	
547/362	KLIPKUIL - NAF	2502	2643	1052	167·8		56·0		11·5		89·0	
547/889	SANDRIVIERSPOORT	2519	2700	1219	359·4		100·1		16·0		84·9	
548/165	PILANESBERG - POL	2515	2706	1219	379·0		85·5		0·0		59·0	
548/171	DOORNHOEK	2521	2706	1219	371·4		99·9		10·9		141·6	
548/280	SAULSPOORT - MOSP	2510	2710	1158	460·7		110·9		16·1		103·3	
548/747	KAFFERSKRAAL	2527	2725	1000	276·5	97	91·5	69	9·6	45	74·1	56
549/130	VAALKOP	2510	2735	960	290·4		74·5		0·0		102·8	
549/145	ROOIKOPPIES	2525	2735	1006	405·7		85·0		9·7		108·8	
549/354	KAMEELDRIFT - IRR	2524	2742	1067	515·5		110·3		8·7		114·7	
549/358	KLIPKOP - IRR	2528	2742	1036	413·8		104·2		17·0		164·0	
549/440	WATERVAL - NAF	2520	2745	1205	438·0		105·0		7·5		104·5	
549/595	ENNIS	2525	2750	1205	400·0		99·0		8·7		132·8	
549/815	BEDWANG - NAF	2505	2758	1035	465·5		34·7		0·0		64·8	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	M A A N D - M O N T H MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	J A A R JAN 1959 DEC 1959 MM	PER	Y E A R JUL 1958 JUN 1959 MM	PER
516/201	90.7	98.3	61.3	29.8	17.1	3.0	9.4	0.0	37.0	43.2	224.2	133.2	747.2		764.2	
516/285	117.5	64.0	80.0	65.5	25.8	1.1	7.0	0.0	32.5	62.9	244.0	86.0	786.3	102	889.9	116
516/414	82.2	24.8	45.2	21.7	14.6	1.4	5.7	0.0	37.2	81.6	241.6	129.5	685.5	98	502.5	72
516/480	116.9	43.6	49.7	38.5	18.5	0.0	21.6	0.0	36.5	71.3	198.6	127.5	722.7	106	663.6	97
516/554	136.6	23.5	95.0	25.3	27.0	0.0	3.0	0.0	60.5	63.3	190.9	98.0	723.1	104	701.0	101
516/701	134.6	74.5	69.4	33.9	33.0	0.0	2.0	0.0	53.7	52.0	198.0	88.5	739.6		773.7	
516/708	109.3	46.0	53.0	22.0	26.5	0.0	10.0	0.0	49.5	33.5	205.0	75.6	630.4	88	608.1	85
517/235	144.5	49.5	31.0	11.0	21.0	0.0	0.1	0.0	50.0	31.0	121.0	107.0	566.1	79	644.4	89
517/275	209.6	91.9	90.3	20.1	37.9	1.5	2.1	0.0	38.7	38.7	151.9	104.4	787.1		807.6	
517/430	176.8	118.9	74.5	9.4	38.9	0.0	2.7	0.5	32.0	41.9	179.5	138.7	813.8	97	768.9	92
517/578	196.6	137.2	72.1	8.6	49.2	0.0	2.2	0.0	47.5	41.7	181.1	141.1	877.3	110	788.4	99
517/762	133.9	161.5	186.4	7.0	48.0	0.0	5.0	0.0	40.0	40.5	111.0	139.0	872.3	93	855.8	91
517/816	166.4	162.6	118.8	11.2	81.5	0.0	0.0	0.0	35.5	25.4	102.0	175.5	878.9	111	888.4	112
518/ 88	84.0	144.5	29.0	8.0	74.5	0.0	0.0	3.0	48.0	33.5	98.0	153.5	676.0	83	725.5	89
518/186	136.2	82.9	56.0	28.5	72.5	0.0	0.1	0.0	30.1	35.5	93.6	130.3	665.7	84	772.5	97
518/215	139.7	96.8	98.2	19.6	67.6	0.0	7.4	2.1	58.5	47.0	99.7	182.4	819.0	98	856.6	103
518/367	132.0	91.0	75.5	8.0	75.5	0.0	4.4	1.7	74.0	70.0	149.5	151.0	832.6	88	856.9	90
518/393	167.9	56.0	80.8	10.0	67.5	0.0	8.4	8.1	77.0	60.1	121.2	191.5	848.5	80	768.9	73
518/455	251.6	112.9	102.3	17.1	103.4	0.0	11.3	5.5	108.0	122.3	278.6	288.3	1401.3	88	1247.7	78
518/460	382.1	137.3	139.0	22.2	128.0	0.0	2.5	14.7	95.8	48.6	311.7	186.6	1468.5		1503.3	
518/518	229.0	162.5	39.0	5.0	141.5	0.0	8.5	10.0	64.7	52.5	202.5	217.5	1132.7		1119.0	
518/589	134.2	99.3	90.8	13.3	73.5	0.0	0.0	2.5	63.9	42.2	201.4	229.6	950.7	85	905.4	81
518/621	136.4	75.2	96.4	6.5	75.5	0.0	1.0	0.7	52.0	39.5	137.3	204.4	824.9		863.0	
518/670	138.5	167.1	51.5	2.0	128.7	0.0	3.0	3.0	41.0	43.4	118.8	158.3	855.3	119	977.4	135
518/676	134.5	143.5	93.0	7.5	107.0	0.0	0.0	0.0	61.5	35.8	131.5	229.0	943.3	76	1025.0	84
518/759	127.0	126.0	63.5	0.0	67.5	0.0	0.0	0.0	43.5	39.0	109.6	141.0	717.1	91	812.8	103
518/788	169.1	115.9	72.5	0.0	43.7	0.0	2.5	0.0	39.3	33.0	99.2	123.7	698.9	93	718.7	96
518/822	95.9	116.0	50.9	5.5	72.7	0.0	4.5	0.0	39.5	26.8	136.2	172.2	720.2	101	714.0	100
518/858	59.0	73.9	21.5	0.0	83.0	0.0	0.0	0.0	34.0	24.5	55.2	197.6	548.7	72	604.9	79
518/859	96.4	126.6	57.8	6.2	71.8	0.0	0.0	0.7	24.5	35.2	71.2	180.1	670.5	84	745.2	93
518/886	98.4	109.1	45.0	5.8	97.0	0.0	0.0	0.0	35.0	20.0	59.5	176.0	645.8	90	740.8	103
519/ 17	107.3	138.9	45.5	7.0	88.5	0.0	0.1	0.6	36.5	28.6	64.3	138.9	656.2	94	817.0	117
519/ 77	121.0	106.3	46.5	5.4	95.4	0.3	0.0	1.0	48.8	26.8	78.7	183.9	714.1	95	799.8	107
519/134	150.4	97.8	68.4	9.7	93.4	2.0	0.0	0.0	30.5	23.3	97.1	114.4	667.0	100	809.7	121
519/174	197.0	203.0	144.0	10.0	82.5	0.0	5.2	6.0	66.0	76.5	166.0	220.0	1176.2		1123.0	
519/237	210.2	163.5	205.6	12.3	82.1	0.5	8.3	6.4	94.0	105.7	201.9	324.8	1415.3	78	1195.9	66
519/310	174.2	122.3	35.0	50.5	59.9	12.0	1.0	0.0	26.5	31.7	118.0	137.5	768.6	131	772.0	132
519/390	169.5	108.7	130.7	14.0	79.5	0.0	9.0	2.2	57.9	85.1	108.7	201.5	966.8		906.6	
519/448	167.7	127.8	81.9	7.0	95.0	0.0	11.0	--	51.0	99.2	160.0	248.1	1054.7	88	943.5	79
519/597	234.6	197.2	123.9	12.8	101.2	0.0	17.8	1.9	65.5	100.0	126.5	227.2	1208.6		1197.4	
519/707	137.2	118.4	118.8	7.3	77.0	0.4	8.8	1.6	47.0	64.2	104.7	142.0	827.4		747.3	
519/732	340.5	207.2	157.0	19.2	70.0	3.4	75.0	8.0	78.5	143.6	198.2	299.4	1600.0	90	1350.9	76
519/835	162.0	150.5	191.6	6.0	88.0	0.0	9.0	5.0	51.1	90.0	86.3	188.3	1027.8		967.9	
519/850	327.0	139.0	168.0	0.0	33.7	0.0	44.5	6.0	49.5	67.5	122.0	122.0	1079.2		1030.2	
519/880	225.5	128.5	126.5	0.0	73.5	0.0	19.0	5.0	48.5	38.5	126.0	89.5	880.5		929.5	
520/125	162.0	65.5	57.0	0.0	63.0	1.0	32.0	10.0	49.5	59.0	59.5	70.5	629.0	66	729.0	76
520/387	108.2	52.1	44.3	3.4	95.7	2.5	11.5	5.5	44.1	36.6	78.6	102.5	585.0		576.1	
520/450	180.2	63.9	57.0	12.0	129.5	2.4	20.7	4.8	44.5	40.3	40.6	135.2	731.1		774.6	
520/476	145.5	57.5	98.0	0.0	102.5	1.8	19.7	2.4	41.5	27.0	39.3	136.0	671.2		713.3	
520/491	222.6	37.9	67.1	3.3	120.9	4.2	19.1	12.9	56.4	34.3	58.0	76.3	713.0		-	
520/589	122.8	91.5	61.0	0.0	124.3	5.0	17.0	0.0	51.0	34.3	90.4	88.5	685.8	108	671.8	105
520/636	144.0	81.5	26.5	0.0	87.0	0.0	0.0	12.0	60.5	31.0	38.0	83.5	564.0	84	622.5	92
540/620	43.0	97.5	24.0	32.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	38.0	245.0		254.0	
541/297	24.4	49.0	8.5	25.9	23.7	0.0	0.0	0.0	0.0	25.5	0.0	130.9	287.9		185.4	
545/179	42.5	72.1	24.0	56.5	34.5	0.5	6.3	0.0	0.0	19.4	39.2	104.5	399.5		-	
545/283	159.7	65.5	56.2	50.0	72.0	0.0	0.0	0.0	0.0	30.0	106.4	124.6	664.4	118	662.9	118
545/499	57.0	57.0	21.0	35.5	66.1	0.0	6.5	0.0	0.0	11.5	49.6	104.0	408.2	-	(443.1)	
545/626	42.4	47.4	18.0	53.9	54.8	0.6	5.8	0.0	1.5	23.9	55.6	83.0	386.9	65	487.0	82
545/663	64.1	36.0	5.0	68.0	49.0	0.0	11.5	0.0	0.0	16.0	81.0	80.0	410.6		581.8	
545/839	119.0	29.5	24.5	61.5	62.0	0.0	10.5	0.0	0.0	0.0	58.0	109.0	474.0	86	654.5	119
546/ 7	74.0	75.4	0.0	50.0	58.0	0.0	10.0	0.0	0.0	33.5	--	--	(300.9)		548.4	
546/ 82	63.3	17.4	8.8	82.9	43.3	0.8	8.3	0.7	0.0	33.6	62.7	84.9	406.7	73	442.8	80
546/272	54.5	109.6	0.0	20.5	46.5	0.0	14.4	0.0	0.0	12.0	68.5	54.5	380.5	77	450.1	91
546/312	59.0	76.2	54.7	28.0	66.0	0.0	18.5	0.0	0.0	5.5	54.0	124.9	486.8	89	496.2	91
546/412	107.0	51.5	21.4	38.9	69.0	0.0	22.5	0.0	0.0	25.5	69.5	88.5	493.8	77	568.3	89
546/525	64.3	63.4	25.1	58.3	49.4	0.0	19.0	0.0	0.0	30.8	97.6	73.5	481.4	85	521.9	92
546/531	62.9	45.9	15.6	56.0	53.5	0.0	16.2	0.0	0.0	25.5	59.0	44.3	378.9	65	498.2	86
546/630	92.3	35.5	18.4	67.4	65.8	0.8	22.0	0.0	0.0	20.5	57.0	71.1	450.8	72	595.8	95
546/712	57.1	86.9	10.8	64.1	54.8	0.0	21.5	0.0	0.0	18.2	58.4	61.0	432.8		580.3	
546/740	60.0	82.0	21.9	56.0	56.5	0.0	24.0	0.0	0.0	8.5	64.9	76.5	450.3		535.9	
546/846	83.5	36.5	14.0	44.5	43.5	0.0	13.5	0.0	1.0	15.0	94.0	84.5	430.0		536.7	
547/359	70.4	60.2	15.7	37.1	56.0	2.0	14.0	0.0	0.1	26.0	103.4	104.4	489.3		589.3	
547/362	118.0	23.8	0.0	36.0	20.0	0.0	11.5	0.0	0.0	18.0	71.0	149.0	447.3	82	355.3	65
547/889	105.0	68.6	6.4	61.5	32.2	0.0	16.0	0.0	0.0	14.0	70.9	187.5	562.1		569.6	
548/165	156.0	34.0	0.0	40.0	45.5	0.0	0.0	0.0	0.0	4.5	54.5	103.5	438.0	67	597.1	91
548/171	113.8	120.8	21.3	44.6	34.0	0.0	10.9	0.0	0.0	23.5	118.1	175.0	662.0		602.6	
548/280	137.1	85.7	23.1	56.3	31.5	0.0	16.1	0.0	2.1	16.5	84.7	177.6	630.7		732.3	
548/747	118.5	53.0	12.5	50.0	29.0	0.6	8.5	0.5	0.0	7.6	66.5	124.5	471.2	82	562.0	98
549/130	119.0	63.5	18.5	32.0	24.0	0.0	0.0	0.0	0.0	10.0	92.8	56.0	415.8	75	484.4	88
549/145	150.0	80.0	14.5	40.0	30.5	0.2	9.5	0.0	1.5	17.6	89.7	103.9	537.4	101	727.9	137
549/354	217.0	80.0	11.5	57.8	41.0	0.0	8.7	0.0	1.5	15.2	98.0	101.7	632.4	103	832.6	135
549/358	162.0	48.5	7.0	60.7	36.5	0.0	9.0	8.0	4.0	28.0	132.0	143.6	639.3	101	745.5	118
549/440	139.0	87.0	10.0	70.5	24.5	0.5	7.0	0.0	3.5	22.0	79.0	87.9	530.9		722.5	
549/595	168.9	64.5	8.0	66.0	25.0	2.0	6.5	0.2	0.5	27.4	104.9	97.8	571.7		713.8	
549/815	97.5	110.0	29.0	5.7	0.0	0.0	0.0	0.0	0.0	15.5	49.3	85.5	392.5		656.9	

R E Ē N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC FEB 1958 1959 MM	PER	MAR MAY 1959 1959 MM	PER	JUN AUG 1959 1959 MM	PER	SEP NOV 1959 1959 MM	PER
550/133	WAKAPAANSTAD	25°13′	28°05′	1035	367·5		83·0		4·5		155·5	
550/144	ZOUTPAN	2524	2805	1128	305·5	98	41·4	33	6·0	31	215·7	143
550/485	WELGEGUND	2505	2817	1088	309·6	110	92·0	74	0·0	0	158·5	104
550/542	BOTHASVLEI	2502	2819	1076	409·0		94·5		1·5		169·0	
550/545	BLAAUWBOSCHKUIL	2505	2819	1109	331·6		110·3		0·5		160·6	
550/561	JOHANNESRUS	2521	2819	1110	402·0		51·5		0·0		175·0	
550/567	GROENFONTEIN	2527	2819	1189	324·0		55·0		5·0		168·6	
550/612	KALKHEUWEL	2512	2821	1067	396·9		120·9		1·9		149·9	
551/100	KIA LALA	2510	2834	1065	240·5		112·0		0·0		164·5	
551/103	RUST-DER-WINTER-IRR	2513	2834	1065	310·1		124·6		3·3		152·3	
551/114	SPRINGFONTEIN	2524	2834	1219	353·8		82·1		3·6		253·7	
551/120	DE WAGENDRIFT	2530	2834	1222	340·7		77·0		0·0		215·3	
551/281	ROOIKOP	2511	2840	991	225·5		115·5		0·1		214·8	
551/386	ZUSTERSHOEK	2526	2843	1372	220·5		74·5		3·5		292·5	
551/805	LEEUWKOP	2525	2857	1299	293·0		78·0		30·0		198·8	
552/247	KUILSRIVIER - IRR	2507	2909	945	298·6		95·2		1·7		154·7	
552/255	PHILADELPHIA	2515	2909	1065	266·7		105·5		2·5		158·3	
552/315	UITSPANNING - NAF	2515	2911	1065	258·0		107·0		4·0		243·1	
552/363	ELANDSLAAGTE - IRR	2503	2913	930	288·7		95·2		8·3		161·2	
552/610	LOSKOPKANALE - IRR	2510	2921	960	279·2		112·9		5·2		170·9	
552/654	LOSKOPDAM - IRR	2524	2922	1009	301·3		106·9		19·5		286·9	
552/681	DE WAGENDRIFT	2521	2923	1036	205·0		67·0		26·5		237·7	
552/699	GROBLERSDAL - POL	2509	2924	915	230·2		(60·1)		4·5		156·7	
552/700	LOSKOP - PROEFSTASIE	2510	2924	945	316·5		125·5		0·0		184·0	
553/351	WATERVAL	2521	2942	1371	303·1		123·5		0·0		199·2	
553/593	BLINKWATER	2523	2950	1551	467·0		102·5		15·0		266·0	
553/651	LAERSDRIF	2521	2952	1478	508·5		121·0		8·5		259·2	
553/859	TONTELDOOS	2519	2959	1676	499·0	132	158·1	99	10·7	49	343·6	145
554/106	LUSHOF	2516	3004	1920	523·4		157·2		17·7		318·1	
554/175	DULLSTROOM - SAR	2525	3006	2034	523·2	138	99·5	61	0·0	0	274·0	115
554/516	BEETGESKRAAL	2506	3018	1676	366·0		86·7		21·0		240·5	
554/560	RUSTENBURG NO 118	2520	3019	1370	480·5		214·0		0·0		207·0	
554/614	ZWAGERSHOEK	2514	3021	1524	432·5	112	126·2	73	7·7	30	281·6	127
554/752	LEIDENBURG NO 111	2502	3026	1310	404·7		100·0		9·5		188·9	
554/786	LYDENBURG - POL	2506	3027	1383	341·5	109	91·5	71	16·5	88	207·0	111
554/816	LYDENBURG - VISTEELT	2506	3028	1465	360·8		84·4		10·5		227·9	
554/885	KAFFERVOETPAD - BOS	2515	3030	1830	493·7		117·4		7·4		200·6	
555/ 66	PAARDEPLAATS	2506	3033	1920	425·0		94·5		7·5		245·0	
555/114	RIETVLEI	2524	3034	1067	407·5		123·6		7·5		147·1	
555/137	UITSOEK - BOS	2517	3035	1370	511·2		116·0		9·0		123·6	
555/297	ELANDSHOEK	2527	3040	914	375·8		160·3		8·1		248·4	
555/405	BROOKLANDS - BOS	2515	3044	1219	613·5		122·2		18·1		316·8	
555/437	TWEEFONTEIN	2517	3045	1067	498·4		117·5		4·3		226·7	
555/441	RIETVALLEI	2521	3045	1006	450·8	94	139·7	63	10·5	27	231·9	90
555/445	BARELAYVALE	2525	3045	798	319·9		92·0		2·6		188·9	
555/455	CEYLON - BOS	2505	3046	1372	602·5		108·7		26·4		296·9	
555/462	WATERVAL	2512	3046	1126	592·7		124·9		18·7		301·7	
555/473	KILLARNEY	2523	3046	914	382·8		175·0		0·0		180·7	
555/483	TWEEFONTEIN - BOS	2503	3047	1152	727·4		130·4		40·9		414·0	
555/506A	SCHAGEN	2526	3047	785	369·0		96·5		1·2		169·5	
555/510	MAJUBA - BOS	2530	3047	1375	416·1		162·0		5·8		366·5	
555/567	ALKMAAR	2527	3049	707	335·2		109·0		0·0		202·0	
555/573	KLIPKRAAL	2503	3050	1372	747·2		158·5		64·8		394·3	
555/579	SPITZKOP - BOS	2509	3050	1463	620·5		136·5		42·0		351·1	
555/588	ROSEHAUGH - BOS	2518	3050	1036	517·5		136·8		11·5		233·2	
555/608	MALIEVELDVALLEI - BOS	2508	3051	1375	676·0		107·5		35·1		282·5	
555/631	WELKOM	2501	3052	1065	787·9		185·2		84·1		397·0	
555/662	FRANKFORT - BOS	2502	3053	1005	694·6		164·7		57·1		302·1	
555/663	SABIE GORGE - POW	2503	3053	975	621·0		154·0		73·9		248·3	
555/664	BERGVLIET - BOS	2504	3053	983	594·5		158·0		58·5		255·3	
555/673	WITKLIP - BOS	2513	3053	1158	596·1		140·0		19·5		238·7	
555/792	ZWARTFONTEIN - BOS	2512	3057	1065	428·0		150·0		17·9		221·1	
555/794	BULTFONTEIN - BOS	2514	3057	1097	490·8		125·4		16·7		253·1	
555/797	LOCHABER	2517	3057	823	383·1		93·8		11·5		173·5	
555/837	NELSPRUIT - AGR	2527	3058	668	442·4	118	77·4	45	5·8	20	163·5	87
555/878	WITWATER - BOS	2508	3100	1036	514·5		136·5		23·9		309·0	
556/ 88	WAYFERN	2528	3103	666	386·8		86·0		7·7		163·0	
556/110	JATINGA	2520	3104	853	517·0		77·5		21·3		152·5	
556/143	THE KNOLL	2523	3105	762	425·3		64·0		6·7		135·9	
556/178	KARINO	2528	3106	497	366·3		202·2		0·0		154·8	
556/183	DE RUST	2503	3107	610	412·5		79·5		29·5		217·9	
556/289	GUTSHWA - NAF	2519	3110	610	473·5		145·5		6·5		251·1	
556/460	PRETORIUSKOP	2510	3116	600	377·6		79·7		15·0		168·6	
556/898	MALELANE	2528	3130	305	219·3		107·3		9·3		172·2	
557/115	RIVERSIDE	2525	3134	274	257·1		78·5		16·0		190·	
557/712	KROKODILBRUG	2522	3154	217	375·5		121·4		48·0		154·4	
557/806	KOMATIPOORT - SAR	2526	3157	140	230·9		136·7		21·5		127·6	
583/629	KANYE	2459	2521	1572	256·0	92	99·0	71	2·5	18	(80·7)	72
583/837	RANAKA	2457	2528	1216	234·0		75·0		0·0		51·5	
584/542	KHALE	2442	2552	1007	298·0		92·5		14·0		4	
584/730	GABERONES	2440	2555	983	227·3	83	122·0	85	15·8	114	76·8	66
584/747	BUITENKUIL	2457	2555	1097	178·5		94·5		14·0		81·0	
585/ 16	NICOLAASDOORNS - NAF	2446	2601	1143	238·6		124·0		16·5		79·8	
585/ 34	OODI	2434	2602	975	268·0		145·0		17·0		55·5	
585/ 56	GROOTPOORT	2456	2602	1173	234·1		114·7		16·5		79·9	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1959

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
550/133	72.6	124.1	51.5	15.0	16.5	0.0	4.5	0.0	0.0	34.0	121.5	129.0	568.7		611.1	
550/144	90.1	78.0	22.7	18.7	0.0	0.0	6.0	0.0	8.0	66.3	141.4	95.7	526.9	87	550.3	91
550/485	65.3	83.5	63.0	24.0	5.0	0.0	0.0	0.0	0.0	33.0	125.5	91.4	490.7	85	525.2	91
550/542	51.0	126.5	62.0	13.0	19.5	0.0	1.5	0.0	0.0	33.5	135.5	89.0	531.5	85	653.5	104
550/545	74.0	88.8	69.2	24.2	16.9	0.5	0.0	0.0	0.0	23.9	136.7	70.2	504.4	86	611.1	105
550/561	129.0	128.0	12.5	19.5	19.5	0.0	0.0	0.0	4.0	18.0	153.0	68.0	551.5		(609.0)	
550/567	58.5	102.5	6.5	37.0	11.5	0.0	5.0	0.0	8.0	35.5	125.1	123.3	572.9	85	538.0	89
550/612	75.1	136.9	67.2	38.2	15.5	0.0	1.9	0.0	0.0	32.4	117.5	80.1	564.8	94	685.8	114
551/100	73.0	107.0	87.0	15.0	10.0	0.0	0.0	0.0	0.0	13.5	151.0	23.9	480.4		423.0	
551/103	96.4	95.2	83.3	30.9	10.4	0.0	3.3	0.0	0.0	24.1	128.2	97.4	569.2		595.8	
551/114	123.4	95.2	49.4	20.2	12.5	0.0	3.6	0.0	5.0	23.0	225.7	106.9	664.9		632.1	
551/120	104.8	116.4	58.0	19.0	0.0	0.0	0.0	0.0	1.2	24.8	189.3	134.6	648.1	97	664.3	99
551/281	78.0	70.5	70.0	37.0	8.5	0.0	0.1	0.0	0.1	45.5	169.2	110.2	589.1	103	479.3	83
551/386	101.0	60.0	47.0	21.0	6.5	0.0	3.5	0.0	0.0	38.0	254.5	48.2	579.7		(446.3)	
551/805	149.5	67.5	32.0	40.5	5.5	0.0	0.0	30.0	0.0	17.5	181.3	96.3	620.1	98	611.5	96
552/247	120.2	51.9	57.9	17.4	19.9	0.0	1.7	0.0	1.6	58.2	94.9	140.0	563.7		613.5	
552/255	87.0	105.0	56.5	34.5	14.5	0.0	0.0	2.5	0.8	25.5	132.0	98.5	556.8		619.7	
552/315	108.5	64.0	43.5	46.0	17.5	0.0	4.0	0.0	0.0	56.1	187.0	82.0	608.6		624.0	
552/363	151.9	30.8	63.6	17.7	13.9	0.0	8.2	0.1	0.1	44.8	116.3	164.1	611.5		559.5	
552/610	100.5	77.2	75.9	20.2	16.8	0.0	5.2	0.0	6.6	35.4	128.9	140.5	607.2	96	684.3	108
552/654	121.8	75.6	40.2	49.2	17.5	0.0	6.7	12.8	7.2	31.6	248.1	122.2	732.9	110	647.9	97
552/681	82.5	54.5	25.5	26.0	15.5	0.0	4.5	22.0	9.0	36.2	192.5	70.1	538.3		519.5	
552/699	89.0	37.2	50.1	--	10.0	0.0	4.5	0.0	0.0	38.2	118.5	116.5	(464.0)		(533.3)	
552/700	115.0	71.0	80.5	21.0	24.0	0.0	0.0	0.0	3.5	55.0	125.5	133.0	628.5		709.0	
553/351	132.5	81.5	49.5	54.5	19.5	0.0	0.0	0.0	12.2	57.5	129.5	116.0	652.7	100	661.0	101
553/593	225.2	108.5	60.0	17.5	25.0	0.0	15.0	0.0	37.5	86.0	142.5	101.5	818.7	114	833.0	116
553/651	253.0	98.5	63.0	38.0	20.0	0.0	8.5	0.0	33.8	60.9	164.5	108.5	848.7	115	861.0	118
553/859	229.0	100.4	79.9	56.0	22.2	0.0	6.5	4.2	57.5	88.4	197.7	127.4	969.2	122	880.4	111
554/106	235.5	98.7	59.3	68.5	29.4	0.0	14.8	2.9	54.5	73.9	189.7	134.5	961.7		912.1	
554/175	241.0	139.0	50.5	20.5	28.5	0.0	0.0	0.0	10.0	97.0	167.0	128.0	881.5	110	875.7	109
554/516	181.5	69.5	61.0	10.5	15.2	0.0	10.0	11.0	32.5	95.5	112.5	184.3	783.5	110	597.3	84
554/560	215.0	171.5	146.0	33.0	35.0	0.0	0.0	0.0	52.5	22.0	132.5	142.0	949.5		832.5	
554/614	178.9	118.1	86.4	13.5	26.3	2.2	4.0	1.5	39.0	86.4	156.2	157.6	870.1	109	811.4	101
554/752	212.3	74.0	44.0	41.0	15.0	0.0	0.0	9.5	34.6	41.3	113.0	170.3	755.0	112	707.4	105
554/786	173.5	35.0	51.0	26.0	14.5	0.0	13.5	3.0	33.0	86.0	88.0	165.2	688.7	107	713.5	111
554/816	157.0	86.3	35.6	21.2	27.6	0.0	7.6	2.9	38.4	55.7	133.8	161.7	727.8		643.3	
554/885	147.4	143.3	82.2	1.0	34.2	0.2	5.7	1.5	50.0	40.4	110.2	208.0	824.1		773.8	
555/ 66	204.0	110.0	52.5	29.0	13.0	0.0	4.0	3.5	50.0	40.0	155.0	268.0	929.0		768.0	
555/114	129.8	107.2	71.3	5.5	46.8	0.0	0.0	7.5	51.8	38.5	56.8	216.2	731.4		-	
555/137	162.0	125.5	88.0	1.5	26.5	0.0	6.5	2.5	48.0	50.1	119.3	197.9	827.8		897.7	
555/297	119.5	96.5	98.3	4.5	57.5	0.0	6.2	1.9	56.0	59.5	132.9	131.6	764.4	89	829.1	97
555/405	176.1	156.8	81.4	7.1	33.7	0.0	13.8	4.3	62.6	56.9	197.3	260.2	1060.2	96	1093.7	99
555/437	180.0	96.0	81.0	0.0	36.5	0.0	0.0	4.3	56.8	43.5	126.4	177.5	802.0	78	893.6	87
555/441	118.4	118.3	105.9	4.0	29.8	0.9	0.6	9.0	57.0	47.7	127.2	202.0	820.8	82	933.5	94
555/445	115.2	77.2	39.5	1.5	51.0	0.0	0.0	2.6	55.2	41.2	92.5	118.2	594.1	68	655.0	75
555/455	185.8	164.3	83.3	9.0	16.4	0.2	21.7	4.5	64.1	57.9	174.9	315.3	1097.4	92	1060.2	89
555/462	181.2	181.0	75.0	13.7	36.2	0.0	12.4	6.3	53.0	64.7	184.0	227.5	1035.0	93	1084.0	97
555/473	80.5	110.0	131.0	0.0	44.0	0.0	0.0	0.0	53.0	61.5	66.2	125.5	671.7	74	787.7	88
555/483	284.0	173.7	99.5	9.0	21.9	0.0	35.5	5.4	48.5	69.0	296.5	325.0	1368.0	111	1202.7	97
555/506A	112.6	86.0	50.2	3.2	43.1	0.0	0.0	1.2	48.0	58.6	62.9	140.9	606.7		668.1	
555/510	191.8	66.8	86.0	16.0	60.0	0.0	1.6	4.2	77.8	77.2	211.5	219.2	1012.1		918.1	
555/567	139.2	75.5	45.5	5.5	58.0	0.0	0.0	0.0	41.5	84.4	76.1	146.5	672.2	83	721.4	90
555/573	245.0	248.0	125.5	13.0	20.0	3.5	57.3	4.0	83.5	97.3	213.5	359.0	1469.6	88	1241.5	74
555/579	241.7	186.8	85.4	0.0	51.1	0.0	36.4	5.6	45.5	117.6	188.0	303.0	1261.1	103	1150.7	94
555/588	276.0	74.5	101.8	0.0	35.0	4.5	5.0	2.0	64.0	51.2	118.0	134.5	866.5	83	992.9	86
555/608	297.0	201.0	65.0	0.0	42.5	0.0	34.1	1.0	51.0	82.5	149.0	310.5	1233.6	106	1126.3	97
555/631	290.4	233.5	139.8	10.4	35.0	1.4	77.1	5.6	97.3	103.2	196.5	394.2	1584.4		1452.1	
555/662	224.1	236.0	121.7	9.5	33.5	1.1	50.5	5.5	70.0	79.0	153.1	256.0	1240.0		1280.4	
555/663	206.0	193.0	113.0	11.5	29.5	0.0	70.9	3.0	60.2	60.0	128.1	297.0	1172.2	97	1115.0	92
555/664	213.6	184.5	100.8	20.5	36.7	0.0	56.8	1.7	55.4	82.4	117.5	288.4	1158.3	91	1113.8	88
555/673	306.7	73.5	93.0	11.5	35.5	0.0	17.0	2.5	55.9	57.3	125.5	161.1	939.5		1126.1	
555/792	177.5	36.0	98.5	0.0	51.5	0.3	13.5	4.1	52.5	66.4	102.2	173.3	775.8		904.3	
555/794	129.7	52.2	69.0	17.5	38.9	0.2	12.8	3.7	46.0	64.9	142.2	164.4	741.5	77	987.4	103
555/797	189.2	81.4	39.7	19.5	34.6	5.2	2.5	3.8	39.9	50.8	82.8	132.9	682.3	76	807.1	90
555/837	154.3	113.2	21.8	2.9	52.7	3.5	0.9	1.4	31.9	73.0	58.6	132.8	647.0	85	754.8	98
555/878	165.0	151.5	78.0	7.5	51.0	2.5	20.9	0.5	51.6	101.6	155.8	202.7	988.6	89	1010.5	91
556/ 88	146.5	82.9	30.8	16.4	38.8	6.0	1.5	0.2	32.8	77.4	52.8	155.2	641.3	87	720.1	98
556/110	183.7	130.4	22.0	23.0	32.5	10.5	1.3	9.5	36.2	51.3	65.0	161.5	726.9	82	956.6	109
556/143	186.0	79.1	13.0	24.0	27.0	0.0	0.0	6.7	32.2	39.7	64.0	125.4	597.1	74	745.8	93
556/178	92.5	105.5	50.7	125.5	26.0	0.0	0.0	0.0	36.0	46.5	72.3	108.0	663.0	95	829.2	119
556/183	178.0	162.5	36.0	6.0	37.5	0.0	29.5	0.0	51.7	67.0	99.2	120.5	787.9	115	720.2	95
556/289	163.0	188.5	34.5	49.5	61.5	6.5	0.0	0.0	46.5	38.7	165.9	116.8	871.4		874.5	
556/460	90.0	144.4	41.0	1.3	37.4	5.0	4.0	6.0	41.2	43.5	83.9	92.9	590.6		669.6	
556/898	84.2	44.5	73.3	8.5	25.5	6.8	0.0	2.5	40.5	52.5	79.2	58.1	475.6		572.9	
557/115	120.5	34.6	38.5	0.0	40.0	13.0	0.0	3.0	58.5	22.4	109.5	52.0	492.0	84	602.6	104
557/712	144.2	49.0	26.6	33.8	61.0	24.5	23.5	0.0	59.0	40.5	54.9	55.9	572.9		665.5	
557/806	103.0	25.7	32.2	0.0	104.5	3.5	12.5	5.5	50.0	23.1	54.5	57.5	472.0	69	512.4	75
583/629	60.5	40.0	13.5	48.0	37.5	0.0	2.5	0.0	0.0	(25.2)	55.5	178.5	(461.2)	85	[illegible]	87
583/837	67.5	33.0	5.5	31.5	38.0	0.0	0.0	0.0	0.0	14.0	37.5	142.0	369.0		45[illegible]	
584/642	62.4	90.8	18.7	24.6	49.2	0.0	14.0	0.0	0.0	18.4	30.4	134.2	442.7		542.5	
584/730	33.9	55.2	37.5	28.7	55.8	0.0	15.8	0.0	0.8	25.1	50.9	83.1	386.8	71	502.7	92
584/747	36.0	26.0	0.0	47.5	47.0	0.0	14.0	0.0	0.0	18.5	62.5	91.5	343.0		444.2	
585/ 16	29.0	33.5	21.0	37.5	65.5	0.0	16.5	0.0	0.0	9.3	70.5	120.4	403.2		533.2	
585/ 34	41.0	82.0	73.0	18.0	54.0	0.0	17.0	0.0	0.0	14.0	41.5	104.0	444.5		529.5	
585/ 56	37.4	47.4	6.6	44.8	63.3	0.0	16.5	0.0	0.0	9.0	70.9	111.2	407.1	73	510.7	93

R E Ë N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
585/291	DROEDAL	24°51′	26°10′	1067	220·5		90·0		18·5		68·5	
585/528	VLEESFONTEIN	2448	2618	1109	270·7	96	113·4	75	16·0	84	99·0	75
585/623	DOORNHOEK	2453	2621	1067	207·5		123·0		13·5		111·5	
585/698	SEQUANI	2438	2624	914	332·3		104·1		17·5		83·9	
585/765	MIDDELPOORT	2445	2626	1065	307·0		100·3		18·5		104·4	
585/767	TWEEDEPOORT	2447	2626	1065	435·2		147·6		15·9		90·8	
586/ 6	DOORNLAAGTE	2436	2631	914	352·4		94·9		11·1		103·2	
586/341	BRUSSELS	2441	2642	1067	364·7		95·9		12·6		126·0	
586/441	GANSKUIL - POL	2451	2645	1089	364·0	122	114·5	89	17·5	110	65·9	54
586/545	ENGELAND	2435	2649	975	410·7		69·5		12·0		139·3	
586/736	GROENEBOOM	2446	2655	1067	367·1		91·7		5·0		51·3	
587/139	MIDDELKOP	2449	2705	1097	498·6	157	165·1	111	8·4	46	69·3	46
587/214	BUFFELDOORNS	2434	2708	945	490·8		130·1		3·8		157·9	
587/350	VLAKNEK	2450	2712	1065	472·7		112·7		25·5		80·5	
587/483	PRERUS	2433	2717	1067	520·5		141·0		0·0		104·5	
587/668	MEBANI	2438	2723	899	499·0		106·5		--		136·3	
587/697	THABAZIMBI	2437	2724	1026	476·2		155·4		10·3		138·9	
588/ 22	DOORNFONTEIN	2452	2731	914	410·2		82·6		2·5		134·9	
588/230	STERKFONTEIN	2450	2738	1539	510·0		95·2		4·5		178·0	
588/385	LEEUPOORT	2455	2743	1128	(189·2)	-	124·7	90	2·7	16	138·6	92
588/406	ROOIBERG	2446	2744	1128	482·9		173·7		2·5		127·4	
588/637	SANDFONTEIN	2437	2752	1067	384·5		130·5		15·0		127·0	
588/721	RHENOSTERFONTEIN - POL	2431	2755	1251	346·2	109	79·7	54	20·0	129	170·8	106
589/ 86	SOETE - INVAL	2456	2804	1095	498·5		110·0		0·0		130·5	
589/140	BOSCHPOORT	2450	2805	1220	561·2		(147·3)		0·0		158·8	
589/156	DE NOUTE	2436	2806	1370	270·5		67·0		0·0		96·5	
589/503A	WARMBAD	2453	2817	1116	356·8		91·8		0·0		118·9	
589/586	BUFFELSPOORT	2446	2820	1372	346·9		90·7		0·0		161·5	
589/594	TOWOOMBA - AGR	2454	2820	1139	348·9		127·0		1·0		136·7	
589/628	RODDEKUIL	2458	2821	1113	458·8	143	109·0	81	0·4	2	135·6	85
589/670	ELANDSPOORT	2440	2823	1250	302·1		96·0		15·0		135·5	
589/732A	NYLSTROOM - MUN	2442	2825	1173	358·5		81·5		10·5		162·5	
589/867	LUDLOW	2457	2829	1097	406·0		125·0		0·0		141·0	
589/877	GROENFONTEIN	2437	2830	1280	413·0		90·5		0·0		221·5	
589/896	WALLOW	2456	2830	1113	326·2		141·8		0·0		177·2	
589/897	DANDALOO	2457	2830	1067	333·0		116·0		0·0		190·4	
590/ 28	ILLAWARRA	2458	2831	1052	341·7		115·5		0·0		202·6	
590/171	WINBURG	2451	2836	1097	294·3		114·0		0·0		126·5	
590/245	NOOITGEDACHT	2435	2839	1311	261·8		106·5		3·0		113·3	
590/294	MEISJESVLEI	2454	2840	1067	359·5		157·6		1·5		116·5	
590/307	NYLSVLEY	2437	2841	1097	336·1		105·0		1·0		158·5	
590/321	KOPJE ALLEEN	2451	2841	1063	447·2		96·4		4·1		139·2	
590/361	NABOOMSPRUIT - POL	2431	2843	1113	442·8		108·4		5·1		165·8	
590/413	DIEPSLOOT	2453	2844	1067	405·6		84·0		0·0		85·2	
590/444	TUINPLAAS - POL	2454	2845	1067	365·2		143·1		7·0		97·6	
590/486	MOSDENE	2436	2847	1097	412·3	139	91·1	80	0·2	1	194·3	123
590/500	BYSONDER	2450	2847	1036	417·0		(102·9)		7·0		111·2	
590/550A	AMSTERDAM - CRECY	2440	2849	1036	347·3		75·7		1·0		146·6	
591/ 36	KLAVER VALLEY	2436	2902	1032	284·0		67·0		0·0		139·5	
591/124	ROEDTAN	2434	2905	973	327·7		59·0		2·5		108·0	
591/125	BYZONDERHEID	2435	2905	975	314·5		58·0		0·0		90·4	
591/538	MARBLE HALL	2458	2918	914	253·7		72·0		4·3		109·4	
591/581	GRASVALLEI	2441	2920	914	248·8		50·4		0·0		138·0	
591/627	RONDAWEL - IRR	2457	2921	915	343·2		74·8		3·0		140·5	
591/653	ROOIBOKKOP - VISTEELT	2453	2922	853	350·1		59·5		5·8		229·5	
592/371	LOBETHAL	2441	2943	1145	326·2		67·2		3·0		166·7	
592/474	NEBO - NAF	2454	2946	1219	510·0	159	98·5	71	11·0	56	267·0	151
592/537	RIETFONTEIN - NAF	2457	2948	1525	477·5		56·5		0·0		348·5	
592/560	MORGENZON	2450	2949	1463	431·9		62·4		7·6		234·1	
592/615	JANE FURZE - HOSP	2445	2951	1414	281·1		89·0		6·6		184·8	
593/ 15	SEKHUKHUNELAND - NAF	2445	3001	1265	283·7		35·9		0·0		227·3	
593/126	MAANDAGSHOEK	2436	3005	975	343·2	106	51·0	38	7·2	42	230·9	143
593/194	EERSTEGELUK	2444	3007	853	387·5		48·0		2·7		256·0	
593/306	DERDE GELID - POL	2436	3011	956	376·5		44·0		15·0		181·0	
593/419	MAARTENSHOOP - POL	2459	3014	1372	330·0	98	82·5	56	14·5	70	189·0	94
593/586	DE GROOTBOOM	2446	3020	884	390·8		23·5		2·0		146·1	
593/692	PRETORIA FARM	2432	3024	765	290·5		11·5		12·0		107·0	
593/778	KLIPFONTEIN	2458	3026	1375	346·0		79·5		10·0		254·4	
594/141	RUSPLAAS	2451	3035	1270	321·4		82·3		8·1		230·3	
594/217	NOOITGEDACHT	2437	3035	1036	281·0		71·5		11·5		84·5	
594/383	MORGENZON - BOS	2453	3043	1525	500·5		104·0		22·0		209·0	
594/387	GROOTFONTEINBERG	2457	3043	1644	530·5		150·2		22·0		243·5	
594/444	PILGRIMS REST - POL	2454	3045	1284	473·1	101	119·4	43	24·0	61	226·7	105
594/493	MANX	2443	3047	1219	426·3		35·0		12·5		82·5	
594/539	MAC - MAC - BOS	2459	3048	1250	709·6		125·6		65·7		352·2	
594/590	BLYDE - BOS	2450	3050	1433	663·5		130·5		39·1		222·5	
594/609	BELVEDERE - POW	2439	3051	1006	431·2	92	51·4	25	34·5	82	120·0	62
594/626A	GRASKOP - NAF	2456	3051	1478	721·5		157·4		30·5		353·5	
594/635	MARIEPSKOP - BOS	2435	3052	914	518·7		84·0		22·0		238·5	
594/696	SALIQUE - BOS	2436	3054	808	639·7		72·4		14·8		28[illegible]·9	
594/715	MARITI - BOS	2455	3054	1065	780·5		167·3		34·7		309·4	
594/760	HEBRON - BOS	2440	3056	1065	1139·4		133·9		66·5		410·2	
594/764	WELGEVONDEN - BOS	2444	3056	915	748·5		149·0		79·5		413·7	
594/779	RIETSPRUIT	2459	3056	915	674·6		108·9		49·0		342·4	
594/781	MADRID	2431	3057	701	494·3		86·5		15·0		154·7	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
585/291	67.5	50.0	0.0	21.0	69.0	0.0	18.5	0.0	0.0	13.0	55.5	109.0	403.5		371.2	
585/528	67.2	70.8	42.0	27.9	43.5	0.0	16.0	0.0	0.0	17.0	82.0	72.5	438.9	75	579.7	99
585/623	61.5	79.0	47.0	22.0	54.0	0.0	13.5	0.0	0.0	26.5	85.0	83.5	472.0	85	473.0	85
585/698	98.2	63.0	35.4	21.5	49.2	0.0	17.5	0.0	0.2	10.4	73.3	99.8	466.5		593.9	
585/765	109.0	82.5	35.0	34.4	30.9	0.0	18.5	0.0	0.0	14.2	90.2	125.0	539.7		560.0	
585/767	100.5	90.4	50.9	58.7	38.0	0.0	15.9	0.0	0.0	2.0	88.8	100.9	546.1		791.8	
586/ 6	77.5	77.9	40.0	181.2	36.7	0.0	11.1	0.0	2.5	32.2	68.5	74.9	439.5		571.1	
586/341	111.1	54.2	36.4	32.5	27.0	0.1	12.5	0.0	0.0	40.5	85.5	85.5	485.5		637.2	
586/441	70.0	124.0	35.5	51.0	28.0	0.0	13.5	4.0	0.0	20.5	45.4	110.5	502.4	88	679.0	119
586/545	99.0	97.5	13.0	14.5	42.0	0.0	12.0	0.0	0.0	6.4	132.9	107.7	525.0	122	602.4	140
586/736	109.7	90.0	45.7	24.5	21.5	0.0	5.0	0.0	0.0	3.0	48.3	101.0	448.7		572.3	
587/139	174.1	136.9	87.5	39.2	38.4	0.0	5.9	2.5	1.0	9.2	59.1	140.3	694.1	110	864.9	136
587/214	145.7	132.5	75.3	29.7	25.1	0.0	3.8	0.0	0.0	13.1	144.8	197.4	767.4		763.0	
587/350	136.1	167.9	54.1	24.7	33.9	0.0	9.1	16.4	0.4	6.9	73.2	173.6	696.3		763.2	
587/483	194.5	109.0	84.0	22.0	35.0	0.0	0.0	0.0	0.0	11.0	93.5	171.0	720.0		772.0	
587/668	188.4	110.5	48.5	30.0	28.0	0.0	--	--	0.0	11.3	125.0	197.5	(739.2)	128	744.1	129
587/697	178.5	122.9	92.6	37.0	25.8	0.4	1.9	8.0	0.0	15.0	123.9	165.8	771.8	115	824.0	123
588/ 22	124.8	117.5	30.6	21.5	30.5	0.0	2.5	0.0	2.0	0.7	132.2	186.1	648.4		685.1	
588/230	118.5	107.0	37.2	28.0	30.0	0.0	4.5	0.0	0.0	9.0	169.0	169.3	672.5	91	861.6	117
588/385	90.4	98.8	61.5	32.0	31.2	0.0	1.5	1.2	0.5	9.8	128.3	64.0	519.2	84	-	-
588/406	125.8	149.5	126.2	30.0	17.5	0.0	2.5	0.0	0.0	15.8	111.6	217.0	795.9	115	872.1	126
588/637	57.5	97.5	87.0	23.5	20.0	0.0	5.5	9.5	0.0	2.5	124.5	105.5	533.0		646.5	
588/721	112.8	88.4	59.3	8.6	11.8	0.0	0.0	20.0	0.0	18.9	151.9	114.7	586.4	91	596.5	93
589/ 86	138.0	93.5	60.0	24.0	26.0	0.0	0.0	0.0	0.0	8.5	122.0	119.5	591.5		719.1	
589/140	131.6	102.9	109.7	37.6	--	0.0	0.0	0.0	0.0	43.9	114.9	123.5	(664.1)		(963.7)	
589/156	100.5	69.0	41.0	18.0	8.0	0.0	0.0	0.0	0.0	11.0	85.5	105.3	438.3		414.9	
589/503A	59.0	59.8	55.3	15.5	21.0	0.0	0.0	0.0	0.0	17.9	101.0	89.1	418.6	75	567.2	102
589/586	103.7	58.8	66.7	14.7	9.3	0.0	0.0	0.0	0.0	52.7	108.8	151.1	565.8	77	600.4	82
589/594	55.3	81.0	86.1	19.8	21.1	0.0	1.0	0.0	0.1	21.1	115.5	110.7	511.7		634.7	
589/628	64.0	85.3	63.3	24.7	21.0	0.0	0.4	0.0	0.0	24.9	110.7	88.8	483.1	76	708.6	112
589/670	93.5	76.5	51.0	29.0	16.0	0.0	0.0	15.0	0.0	22.0	113.5	80.0	496.5	79	492.2	78
589/732A	88.0	65.0	47.0	27.0	7.5	0.0	0.0	10.5	0.0	36.5	126.0	144.7	552.2		602.1	
589/867	107.0	52.5	80.0	22.0	23.0	0.0	0.0	0.0	0.0	56.0	85.0	90.0	515.5	88	742.3	127
589/877	121.5	89.5	32.5	42.0	16.0	0.0	0.0	0.0	0.0	32.0	189.5	114.5	637.5	105	665.5	109
589/896	90.8	58.0	98.7	22.2	20.9	0.0	0.0	0.0	0.0	43.9	133.3	117.8	585.6	94	679.5	108
589/897	82.5	75.5	75.5	22.0	18.5	0.0	0.0	0.0	0.0	41.4	149.0	126.5	590.9	99	664.3	111
590/ 28	80.5	71.0	90.0	9.0	16.5	0.0	0.0	0.0	0.7	27.7	174.2	94.1	563.7	101	659.6	119
590/171	14.6	119.7	100.0	0.0	14.0	0.0	0.0	0.0	0.0	18.3	108.2	104.0	478.8	80	556.5	93
590/245	71.0	46.0	90.5	0.0	16.0	0.0	0.0	3.0	0.0	43.0	70.3	168.0	507.8	80	570.7	90
590/294	95.5	93.9	107.1	32.0	18.5	0.0	1.5	0.0	0.0	28.6	87.9	101.1	566.1	88	738.8	114
590/307	116.0	44.8	77.9	10.5	16.6	0.0	1.0	0.0	0.0	45.5	113.0	121.0	546.3	91	697.9	116
590/321	131.7	74.2	49.3	29.1	18.0	0.1	4.0	0.0	0.2	23.3	115.7	107.2	552.8	90	820.6	133
590/361	140.1	112.0	77.5	15.2	15.7	0.0	0.1	5.0	0.0	34.8	131.0	172.0	703.4	115	758.1	125
590/413	162.9	77.0	37.5	30.5	16.0	0.0	0.0	0.0	0.0	25.5	59.7	104.0	513.1		701.1	
590/444	150.3	60.0	101.1	26.0	16.0	0.0	7.0	0.0	0.2	26.0	71.4	112.3	570.3		704.1	
590/486	137.1	109.9	62.7	13.6	14.8	0.1	0.1	0.0	0.0	21.3	173.0	125.6	658.2	112	756.4	129
590/500	115.6	70.7	86.3	--	16.6	0.0	7.0	0.0	3.0	21.2	87.0	129.2	(536.6)		(677.4)	
590/550A	118.6	52.8	45.8	10.7	19.2	0.0	1.0	0.0	0.0	22.1	124.5	142.0	536.7		674.7	
591/ 36	81.0	46.0	40.0	14.5	12.5	0.0	0.0	0.0	0.0	30.0	109.5	115.9	449.4		535.3	
591/124	95.5	60.5	31.0	14.5	13.5	0.0	2.5	0.0	0.0	15.0	93.0	112.5	438.0		565.7	
591/125	113.0	40.0	31.0	16.0	11.0	0.0	0.0	0.0	0.0	14.5	75.9	125.5	426.9		555.0	
591/538	92.1	76.2	37.5	16.2	18.3	0.0	4.3	0.0	4.0	24.2	81.2	124.9	478.9		468.1	
591/581	77.5	64.3	18.0	23.5	8.9	0.0	0.0	0.0	3.5	85.5	49.0	129.5	459.7		448.2	
591/627	170.3	62.4	27.6	25.1	22.1	0.0	2.8	0.2	7.0	55.2	78.3	120.5	571.5		609.2	
591/653	149.4	24.4	16.3	21.3	21.9	0.1	3.7	2.0	5.0	99.1	125.4	95.9	564.5		593.9	
592/371	87.0	111.9	36.6	14.6	16.0	0.0	3.0	0.0	34.5	15.7	116.5	135.7	571.5	104	618.6	112
592/474	231.5	101.0	52.5	26.0	20.0	0.0	0.0	11.0	54.0	78.0	135.0	169.0	898.0	137	819.5	125
592/537	163.0	186.0	19.0	26.5	11.0	0.0	0.0	0.0	56.0	101.0	191.5	136.9	890.9		(688.0)	
592/560	168.9	92.7	15.5	22.2	24.7	0.3	7.3	0.0	46.1	49.0	139.0	166.5	732.2	112	697.1	107
592/615	109.6	70.0	22.5	44.6	21.9	0.1	6.5	0.0	32.7	47.2	104.9	150.0	610.0	104	541.0	92
593/ 15	119.6	63.9	11.2	10.1	14.6	0.0	0.0	0.0	23.5	66.6	137.2	189.5	636.2	106	507.5	84
593/126	81.3	91.9	12.7	29.7	8.6	0.0	7.2	0.0	36.2	60.8	133.9	179.7	642.0	101	563.3	88
593/194	131.0	88.5	20.5	12.0	15.5	0.0	2.7	0.0	37.5	49.8	169.0	192.5	718.7		637.2	
593/306	128.0	120.5	31.0	7.0	6.0	0.0	15.0	0.0	26.0	21.0	134.0	116.0	604.5	113	656.8	123
593/419	131.5	22.5	66.5	10.0	6.0	0.0	14.5	0.0	30.0	30.0	129.0	195.0	635.0	91	591.2	84
593/586	222.8	66.5	6.0	5.0	12.5	0.0	2.0	0.0	20.3	24.3	101.5	107.0	567.9	107	532.8	100
593/692	96.5	57.0	4.0	7.5	0.0	0.0	12.0	0.0	11.5	2.5	93.0	56.0	340.0		496.9	
593/778	156.5	102.5	45.5	25.5	8.5	0.0	10.0	0.0	38.0	52.4	164.0	128.7	731.6	106	643.5	93
594/141	120.6	98.2	61.1	9.0	12.2	0.0	8.0	0.1	40.2	56.1	134.0	100.0	639.5	125	577.5	113
594/217	65.5	84.5	47.0	17.5	7.0	0.0	11.5	0.0	18.5	0.5	65.5	78.0	395.5	74	497.0	93
594/383	254.5	105.5	77.0	10.5	16.5	0.0	19.5	2.5	29.0	38.0	142.0	193.1	888.1		907.0	
594/387	194.4	166.6	120.1	20.4	9.7	0.6	19.2	2.2	48.9	47.3	147.3	211.5	988.2		1008.2	
594/444	221.0	141.0	90.7	22.9	5.8	1.0	23.0	0.0	32.7	31.5	162.5	170.5	902.6	94	823.5	85
594/493	104.0	151.5	28.5	6.5	0.0	0.0	12.5	0.0	20.0	7.5	55.0	102.5	488.0	89	615.8	113
594/539	255.1	271.6	93.0	13.4	19.2	1.5	53.5	10.7	64.8	86.5	200.9	317.0	1387.2	90	1094.[illegible]	71
594/590	322.5	212.0	85.5	27.0	18.0	0.0	39.1	0.0	27.0	32.6	162.9	211.0	1137.6	90	1055.5	84
594/609	152.0	156.9	40.7	7.7	3.0	0.0	34.5	0.0	25.2	27.9	66.9	112.6	627.4	69	674.5	74
594/626A	297.0	239.0	92.0	30.0	35.4	0.0	30.5	0.0	78.0	84.5	191.0	303.5	1380.9	79	1289.6	74
594/635	171.7	243.0	42.5	38.5	3.0	0.0	22.0	0.0	53.0	62.6	122.9	189.5	948.7	70	84[illegible].7	63
594/696	193.0	301.5	46.5	24.0	1.9	0.0	14.8	0.0	64.7	48.8	171.3	247.4	1113.9	86	97[illegible]	75
594/715	318.5	233.9	120.8	25.4	21.1	0.0	33.2	1.5	67.8	106.5	135.1	304.0	1367.8		1332.1	
594/760	358.1	511.2	90.7	25.5	17.7	0.0	66.5	0.0	76.8	145.7	187.7	316.7	1796.6		1662.7	
594/764	272.5	303.7	102.0	27.7	19.3	0.0	77.0	2.5	77.0	109.3	227.4	302.4	1520.8		1251.4	
594/779	271.5	176.0	61.1	13.0	34.8	0.0	49.0	0.0	55.0	75.0	212.4	264.0	1211.8		1142.9	
594/781	218.1	150.2	67.5	10.0	9.0	0.0	15.0	0.0	37.2	12.0	105.5	114.5	739.0	97	744.0	98

R E Ē N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
594/802	DUNNOTTAR	24°52′	30°57′	975	722·0		148·0		57·5		328·0	
594/806	WILGEBOOM - BOS	2456	3057	945	872·8		126·7		29·8		282·2	
595/ 32	FLEUR DE LYS	2432	3102	622	523·4	134	44·2	26	11·2	42	170·5	95
595/110	BOSBOKRAND - POL	2450	3104	872	596·6		63·5		9·0		296·2	
595/161	CHAMPAGNE - NAF	2441	3106	610	560·0	135	29·5	16	21·5	54	167·5	93
595/202	LOTHIAN - BOS	2452	3107	579	658·3		90·5		11·4		284·5	
595/210	SANDFORD	2500	3107	579	585·5		50·7		21·5		257·8	
595/443	CUNNINGMOORE	2453	3115	460	416·0		58·9		27·5		176·0	
595/579	EGLINGTON	2439	3120	442	490·5		50·6		64·3		207·1	
595/711	NEWINGTON	2451	3124	505	306·5		52·5		30·5		158·5	
596/179	SKUKUZA	2459	3136	266	364·1		69·0		22·9		110·4	
596/647	TSHOKWANE	2447	3152	245	312·5		91·0		31·9		137·3	
619/661	TSANE	2401	2153	1118	133·9		31·3		0·0		33·9	
622/231	KOKONG	24 1	2308	1067	169·5		68·0		0·0		28·5	
627/ 56	MOLEPOLOLE	2426	2532	1052	266·8		118·7		8·0		46·5	
627/645	LENTSWE - LE - TAU	2422	2551	1067	352·3		109·4		10·0		40·5	
628/266	MOCHUDI	2426	2609	946	285·6		106·5		12·0		105·3	
628/573	ARTESIA	2403	2620	944	299·5		102·1		2·0		40·0	
629/702	INMALKAAR	2412	2654	853	314·7		172·7		3·8		148·7	
630/276	KRUISPAN	2406	2710	930	329·0		143·6		0·1		82·7	
630/383	AGEN	2423	2713	917	382·0	152	120·0	99	0·0	0	76·0	64
630/511	ELYSIUM	2401	2718	945	341·4		135·7		0·1		216·4	
630/556	GROENVLEI - SKL	24 6	2719	998	346·7		112·7		0·0		105·5	
630/826	GROENRIVIER	2416	2728	975	445·0	159	84·4	76	6·0	70	104·7	93
630/886	HOOPDAL - POL	2416	2730	1219	411·9		120·5		4·5		110·0	
631/ 11	HOPEWELL	2411	2731	980	341·9		147·8		1·7		146·2	
631/131	DIAMOND V RANCH	2411	2735	1219	425·7		115·5		4·1		135·7	
631/564	ELANDSHOEK	2424	2749	1463	407·2		132·6		22·4		119·0	
631/596	STERKFONTEIN	2426	2750	1646	500·6		155·9		30·0		187·0	
631/791	GROENDRAAI	2411	2757	1006	357·3		95·6		24·0		155·0	
632/ 44	GOEDEHOOP	2414	2802	1140	324·0		77·9		30·1		200·9	
632/ 89	KOPPIE ALLEEN	2429	2803	1219	382·7		149·5		20·0		142·5	
632/274	DORSET - POL	2404	2810	1466	364·5		89·2		11·8		256·7	
632/297	BOEKENHOUTKLOOF	2427	2810	1285	439·5	139	157·0	110	15·0	110	186·0	134
632/726	TAFELKOP	2406	2825	1372	380·9		105·9		0·0		203·8	
632/797	NOOITGEDACHT	2417	2827	1524	523·9		133·0		10·0		176·5	
633/185	BACCHUS	2405	2837	1219	352·3		81·7		0·0		118·8	
633/393	ZAAIPLAATS	2403	2844	1219	398·9	113	95·3	66	3·7	23	153·1	111
633/429	STERKRIVIER-NEDERSETTING	2409	2845	1097	414·5		88·5		5·7		179·5	
633/450	GROOTVLEI	2430	2845	1067	377·0		135·0		0·0		115·0	
633/463	VASTRAP	2413	2846	1219	415·1		70·0		3·5		127·7	
633/503	RIETFONTEIN	2423	2847	1067	424·8	117	116·5	89	14·3	74	148·8	92
633/796	MOOROORIF	2416	2857	1067	510·6		(77·3)		6·0		184·0	
633/881A	POTGIETERSRUS - POL	2411	2900	1067	380·5	117	55·7	42	0·0	0	148·3	102
634/ 11	POTGIETERSRUS	2411	2901	1166	360·3		62·7		2·7		146·2	
634/ 50	PALMER ESTATE	2420	2902	1219	504·0		58·5		7·0		149·5	
634/ 84	KALKFONTEIN	2424	2903	1033	315·5		23·0		0·0		146·2	
634/131	PLANKNEK	2411	2905	1219	395·3		57·1		0·0		125·0	
634/140	DOORNFONTEIN	2420	2905	1219	527·6		62·0		0·0		152·5	
634/417	UITZICHT	2427	2914	945	297·0	101	38·5	32	0·0	0	231·5	165
634/566	VOLOP - NAF	2426	2919	1067	404·5		18·5		2·0		180·5	
634/580	VRISGEWAAGD	2410	2920	1220	366·2		77·7		0·0		237·1	
634/622	ZEBEDIELA - NAF	2422	2921	975	606·5		13·0		1·0		126·3	
635/ 76	CHUNIESPOORT - POL	2416	2933	1158	400·5		31·5		7·0		157·0	
635/ 77	RUSTPLAAS - NAF	2417	2933	1035	450·5		32·0		6·0		141·2	
635/127	DOORNDRAAI - NAF	2407	2935	1340	445·5		10·0		14·0		182·5	
635/208	WONDERBOOM - NAF	2428	2937	760	306·0		68·7		0·0		141·2	
635/490	KEMPVILLE	2410	2947	1095	385·3		27·8		2·3		168·3	
635/763	GROOTFONTEIN - NAF	2413	2956	762	253·0		8·5		16·5		111·5	
635/862	PASCHASKRAAL	2422	2959	884	316·0		30·9		24·4		95·2	
636/276	THE HEIGHTS	2406	3010	1311	558·8		107·2		19·7		308·3	
636/308	THE DOWNS	2408	3011	1280	567·6	126	145·3	63	21·5	45	255·6	135
636/486	TOURS - NAF	2406	3017	838	493·9		62·0		33·5		156·0	
636/518	SCHELM	2408	3018	1219	564·6		61·9		49·5		183·0	
636/692	DUSSELDORFF	2402	3024	610	406·9		25·4		19·5		139·8	
636/706	STRASBURG - NAF	2416	3024	1219	421·2		47·5		56·0		166·7	
636/724	THE SINNACLE	2404	3025	575	350·6		24·5		14·6		91·1	
636/761	LORRAINE - NAF	2411	3026	580	535·8		(13·8)		21·9		127·7	
636/794	METZ - NAF	2414	3027	518	386·0		34·3		43·1		222·0	
637/ 70	HARMONY	2410	3033	485	227·6		22·1		15·1		172·9	
637/261	THE OAKS - NAF	2421	3039	610	261·8		11·1		8·1		141·0	
637/503	RICHMOND	2423	3047	580	255·5		26·5		8·0		156·7	
637/720	BEDFORD	2430	3054	762	475·0		91·0		6·5		174·0	
638/528	NEDERLAND	2418	3118	395	392·9		81·5		14·5		95·7	
638/748	KINGFISHERSPRUIT	2428	3125	427	339·7		52·0		54·0		128·5	
639/504	SATARA	2424	3147	275	340·6		67·6		22·7		164·3	
664/615	KANG	2345	2251	1128	212·5		(34·0)		0·0		24·8	
671/740	DEBEETE	2350	2625	1005	283·7		115·5		4·5		45·8	
672/748	CUMBERLAND - POL	2358	2655	853	427·1	188	157·0	131	0·0	0	61	55
673/ 81	IRELAND	2351	2703	915	483·9		164·3		0·0		74·1	
673/128	KRUISPAD	2338	2705	853	409·2		59·5		0·0		74·1	
673/284	HAAKDOORNPAN	2344	2710	915	443·1		75·6		0·0		116·8	
673/411	MIMOSA PARK	2351	2714	975	430·0		123·4		0·0		92·2	
673/636	TAMBOOTIEVLEI	2336	2722	900	345·8		62·7		0·0		147·3	
673/769	RIETFONTEIN	2349	2726	1050	282·0		85·5		0·0		109·5	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
594/802	242.5	297.5	105.0	21.5	21.5	0.0	54.5	3.0	54.0	122.5	151.5	319.0	1392.5		1295.0	
594/806	301.8	307.0	86.2	15.0	25.5	0.0	29.0	0.8	60.5	71.0	150.7	278.0	1325.5	101	1345.3	103
595/ 32	165.1	257.5	36.6	3.9	3.7	0.0	9.3	1.9	47.7	22.0	100.6	97.8	746.1	98	819.1	107
595/110	141.1	290.0	35.5	4.0	24.0	0.0	9.0	0.0	52.5	103.7	140.0	156.0	955.8	89	978.1	90
595/161	171.5	279.5	11.0	0.0	18.5	0.0	21.5	0.0	46.0	56.5	65.0	84.8	754.3	91	975.0	118
595/202	214.6	301.4	37.1	13.5	39.9	0.0	11.4	0.0	48.6	84.2	151.7	100.2	1002.6	92	1032.2	94
595/210	234.3	246.6	19.8	3.1	27.8	2.4	19.1	0.0	57.3	71.8	128.7	156.2	967.1	103	878.3	93
595/443	108.0	210.5	35.5	0.0	23.4	0.0	27.5	0.0	58.5	27.0	90.5	99.5	680.4		688.4	
595/579	145.9	208.0	24.2	3.7	22.7	0.5	64.3	0.0	41.0	27.9	138.2	79.0	755.4		670.9	
595/711	125.5	84.0	36.0	0.0	16.5	0.0	30.5	0.0	57.5	34.5	66.5	77.0	528.0		509.5	
596/179	90.7	143.1	18.4	0.0	50.6	2.8	20.1	0.0	67.5	25.0	17.9	79.3	515.4	89	646.2	112
596/647	29.0	90.6	35.1	1.1	54.8	0.0	30.8	1.1	69.3	18.2	49.8	58.2	438.0	69	506.6	80
619/651	58.8	33.9	19.9	5.7	5.7	0.0	0.0	0.0	0.0	16.6	17.3	36.1	194.0		184.1	
622/231	74.0	42.0	36.0	28.0	4.0	0.0	0.0	0.0	0.0	28.5	0.0	49.5	262.0		266.0	
627/ 56	103.3	49.5	32.2	33.5	53.0	0.0	8.0	0.0	0.0	16.0	30.5	133.0	459.0	92	563.9	113
627/645	92.5	53.4	35.2	15.7	58.5	0.0	10.0	0.0	0.0	3.5	37.0	76.3	382.1		643.7	
628/266	50.0	35.5	28.5	27.5	50.5	0.0	12.0	0.0	0.0	14.9	90.4	93.5	402.8	83	547.3	112
628/573	37.5	70.0	52.6	12.5	37.0	0.0	2.0	0.0	0.0	5.0	35.0	78.0	329.6		564.7	
629/702	128.4	89.2	125.0	24.2	23.5	0.0	3.8	0.0	0.0	31.2	117.5	69.9	612.7	137	532.7	119
630/276	77.0	84.0	81.5	49.1	13.0	0.0	0.1	0.0	0.0	15.0	67.7	54.0	441.4		-	
630/383	63.0	110.5	72.5	25.5	22.0	0.0	0.0	0.0	0.0	10.5	65.5	111.0	480.5	95	593.0	117
630/511	71.2	124.5	111.9	10.6	13.2	0.0	0.1	0.0	0.2	20.3	195.9	49.1	597.0		643.9	
630/556	80.0	117.3	85.0	21.7	6.0	0.0	0.0	0.0	0.0	12.0	93.5	69.5	485.0	100	549.4	112
630/826	78.0	108.5	40.5	35.0	8.9	0.0	6.0	0.0	0.0	8.2	96.5	104.6	486.2	95	680.1	133
630/886	61.7	108.7	58.0	54.0	8.5	0.0	4.5	0.0	0.0	14.0	96.0	105.5	510.9		669.9	
631/ 11	82.6	103.7	118.1	17.0	12.7	0.0	1.7	0.0	0.2	14.6	131.4	88.1	570.1		668.0	
631/131	168.1	74.6	78.7	20.8	16.0	2.0	2.1	0.0	1.2	9.7	124.8	78.5	576.5		692.6	
631/564	99.5	111.7	80.0	35.0	17.6	0.0	11.9	10.5	0.0	20.5	98.5	93.5	578.7	82	724.8	83
631/596	173.7	131.2	104.7	29.5	21.7	0.0	12.5	17.5	0.0	18.7	168.3	109.0	786.8	110	891.9	125
631/791	107.6	85.2	59.3	20.5	15.8	0.0	6.5	17.5	0.7	36.4	117.9	111.5	578.9		636.0	
632/ 44	79.0	55.5	47.5	16.5	13.9	2.1	1.2	26.8	0.4	34.1	166.4	111.3	552.7		573.3	
632/ 89	67.1	178.6	90.5	35.0	24.0	0.0	6.5	13.5	0.0	28.5	114.0	108.0	665.7		705.2	
632/274	89.5	72.0	53.0	18.0	18.2	0.0	1.3	10.5	4.5	85.0	167.2	135.3	654.5	110	575.1	97
632/297	148.5	144.5	89.0	54.0	14.0	0.0	0.0	15.0	0.0	32.0	154.0	115.3	766.3	125	718.2	118
632/726	58.3	140.4	52.7	30.0	23.2	0.0	0.0	0.0	1.5	35.7	166.6	110.8	619.2	105	675.0	115
632/797	96.5	137.9	63.0	58.0	12.0	0.0	0.0	10.0	0.0	26.0	150.5	124.3	678.2		846.9	
633/185	97.3	55.2	37.3	23.1	21.3	0.0	0.0	0.0	3.5	13.1	102.2	130.5	483.5		599.9	
633/393	155.1	71.3	33.7	47.4	14.2	0.0	3.7	0.0	5.4	33.0	114.7	194.7	673.2	104	717.5	110
633/429	178.0	67.5	26.5	42.0	20.0	0.0	5.7	0.0	0.0	39.2	140.3	126.5	645.7		695.0	
633/450	146.0	89.0	101.5	19.0	14.5	0.0	0.0	0.0	0.0	16.0	97.0	149.0	632.0	100	697.0	110
633/463	170.6	46.0	20.0	33.0	17.0	0.0	0.0	3.5	0.0	19.0	108.7	169.5	587.3	97	628.4	104
633/503	114.1	88.4	72.4	28.9	15.2	0.0	14.3	0.0	0.0	18.8	130.0	189.4	671.5	100	795.7	118
633/796	142.0	83.5	32.5	44.8	--	0.0	0.0	6.0	4.0	31.0	149.0	191.0	(683.8)	115	(769.4)	130
633/881	84.5	71.5	14.2	25.0	16.5	0.0	0.0	0.0	8.4	27.2	112.7	159.3	519.3	83	646.4	104
634/ 11	85.8	72.3	14.7	29.9	18.1	0.0	1.5	1.2	8.2	32.6	105.4	153.5	523.2		629.8	
634/ 50	214.0	56.0	32.5	12.5	13.5	0.0	2.0	5.0	3.0	35.0	111.5	155.5	640.5	110	814.0	139
634/ 84	108.0	46.0	10.0	5.5	7.5	0.0	0.0	0.0	0.1	16.5	129.6	64.5	387.7	72	512.0	95
634/131	116.3	47.0	27.5	14.6	15.0	0.0	0.0	0.0	0.0	17.0	108.0	154.0	499.4	83	609.9	101
634/140	247.1	43.1	19.0	28.0	15.0	0.0	0.0	0.0	4.5	39.5	108.5	142.0	646.7	102	815.2	129
634/417	65.5	60.0	9.0	12.5	17.0	0.0	0.0	0.0	7.5	52.5	171.5	144.5	540.0	95	517.0	91
634/566	90.5	94.5	3.5	0.0	15.0	0.0	2.0	0.0	15.5	60.0	105.0	118.0	504.0	105	683.0	143
634/580	98.0	55.5	13.0	52.5	12.2	0.0	0.0	0.0	20.5	27.6	189.0	136.5	604.8		612.1	
634/622	174.0	129.5	0.0	0.0	13.0	0.0	1.0	0.0	11.3	51.5	63.5	122.5	566.3		815.3	
635/ 76	58.5	76.5	11.0	5.0	15.5	0.0	7.0	0.0	21.5	34.0	101.5	197.5	528.0	96	556.4	102
635/ 77	56.5	96.5	12.5	0.0	19.5	0.0	6.0	0.0	21.2	30.0	90.0	200.5	532.7		553.4	
635/127	91.0	152.0	0.0	4.5	5.5	0.0	14.0	0.0	23.0	34.5	125.0	140.0	569.5		537.5	
635/208	86.0	56.0	45.3	14.4	9.0	0.0	0.0	0.0	46.0	45.7	49.5	97.0	448.9		515.1	
635/490	49.4	97.8	9.7	9.5	8.6	0.0	2.3	0.0	11.0	11.5	145.8	166.1	511.7		531.1	
635/763	11.5	69.5	0.0	5.5	3.0	0.0	16.5	0.0	2.5	0.0	109.0	109.6	327.1		368.0	
635/862	74.5	82.3	17.0	7.8	6.1	0.0	24.4	0.0	16.2	1.0	78.0	115.3	422.6	85	479.5	96
636/276	131.8	143.0	81.9	17.3	8.0	2.3	16.0	1.4	30.5	59.9	217.9	141.1	851.1	81	912.1	87
636/308	144.7	151.0	113.3	22.1	9.9	2.3	19.2	0.0	33.0	51.6	171.0	138.3	856.4	93	995.9	109
636/486	134.4	162.0	40.0	12.0	10.0	21.0	12.5	0.0	20.5	22.0	113.5	134.0	681.9		784.4	
636/518	174.0	164.6	31.6	22.8	7.5	35.5	14.0	0.0	32.5	29.5	121.0	129.5	762.5	81	892.9	95
636/692	195.1	88.1	18.1	4.9	2.4	11.8	7.7	0.0	15.4	25.1	99.3	139.8	607.7		581.3	
636/706	114.5	126.0	23.5	18.0	6.0	0.0	56.0	0.0	41.2	25.8	99.7	101.8	612.5		679.3	
636/724	134.7	89.8	7.3	15.2	2.0	7.6	7.0	0.0	12.5	7.0	71.6	124.2	478.9		508.0	
636/761	243.5	132.5	--	5.4	8.4	12.4	9.5	0.0	36.5	7.2	84.0	183.9	(723.3)		(699.2)	
636/794	99.5	145.0	20.5	9.5	4.3	1.1	42.0	0.0	46.5	15.0	160.5	95.9	639.8		576.4	
637/ 70	66.2	91.4	15.1	5.5	0.5	5.0	10.1	0.0	24.7	7.8	140.4	83.6	451.3		354.0	
637/261	95.0	35.8	4.9	6.2	0.0	0.0	8.1	0.0	31.5	7.5	102.0	95.7	386.7		436.5	
637/503	84.5	77.0	6.0	20.5	0.0	0.0	8.0	0.0	38.0	4.7	114.0	87.5	440.2		386.5	
637/720	195.5	143.5	46.5	41.5	3.0	0.0	6.5	0.0	49.0	25.5	99.5	167.5	778.0	97	758.5	95
638/528	142.5	129.9	48.0	27.5	6.0	0.0	14.5	0.0	26.0	8.0	61.7	34.0	498.1	118	589.6	140
638/748	99.2	138.5	44.0	2.0	6.0	2.5	51.5	0.0	29.0	19.0	80.5	39.5	511.7		477.2	
639/504	65.0	181.6	56.6	0.0	11.0	0.0	22.7	0.0	57.0	30.5	76.8	24.2	525.4	99	497.0	93
664/615	94.5	90.5	34.0	--	0.0	0.0	0.0	0.0	0.0	1.3	23.5	63.0	(306.8)		(313.1)	
671/740	75.0	66.0	77.5	9.0	29.0	0.0	4.5	0.0	0.0	21.3	25.5	90.5	398.3		588.7	
672/748	46.1	107.0	116.5	27.0	13.5	0.0	0.0	0.0	0.0	26.5	34.5	51.5	422.6	91	728.5	156
673/ 81	112.6	158.9	72.9	76.9	14.5	0.0	0.0	0.0	5.6	30.3	38.2	45.3	555.2		803.2	
673/128	123.4	127.3	53.3	6.2	0.0	0.0	0.0	0.0	0.0	23.3	50.8	64.0	448.3	116	652.0	9
673/284	139.2	149.5	52.0	8.0	15.6	0.0	0.0	0.0	0.0	43.0	73.8	79.5	560.6		701.8	
673/411	103.0	147.5	81.4	14.0	28.0	0.0	0.0	0.0	0.0	15.5	76.7	58.0	524.1		-	
673/636	123.8	51.0	56.0	6.7	0.0	0.0	0.0	0.0	0.0	13.3	134.0	82.5	467.3		565.5	
673/769	92.5	84.0	57.0	7.5	21.0	0.0	0.0	0.0	0.0	17.5	92.0	50.5	422.0		551.5	

R E Ē N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	φ S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
674/ 73	NAAUWONTKOMEN	23°43′	27°33′	915	290·5		89·0		0·0		125·0	
674/207	STERKFONTEIN	2357	2737	1067	258·5		115·5		0·0		61·5	
674/429	GROOTFONTEIN	2339	2745	884	351·4		96·6		0·0		51·5	
674/855	DUIKERRIVIER	2345	2759	1035	306·0		80·4		0·0		153·6	
675/117	DERDEKRAAL	2357	2804	1292	215·7	77	113·5	83	5·5	53	138·9	106
675/125	AUTORITEIT	2355	2805	899	278·9		93·8		0·0		119·2	
675/182	VILLA NORA - POL	2352	2807	844	354·5	157	56·0	57	0·0	0	64·5	64
675/547	GROBBELAARSHOEK	2337	2819	975	315·4		87·0		7·5		137·5	
675/695	MARKEN	2335	2824	1006	313·7		80·0		0·0		151·1	
675/720	MUISVOGELKRAAL	2400	2824	1189	430·3		142·0		2·5		144·5	
676/128	HAAKDOORNDRAAI - NAF	2338	2835	915	425·9		68·4		0·0		137·0	
676/237	VERDOORNSDRAAI - NAF	2357	2838	1067	356·9		79·5		0·0		81·5	
676/363	SALEM - NAF	2333	2843	915	271·1		55·5		0·0		63·7	
676/523	VAALPENSKRAAL - NAF	2343	2848	1097	328·2		48·7		0·3		52·3	
676/705	SWERWERSKRAAL	2345	2854	1058	257·0	105	55·0	52	0·0	0	156·4	125
676/783	CROMFORD - NAF	2333	2857	1050	265·0		29·8		0·0		92·8	
676/838	ARMOEDE	2358	2858	1128	491·3		56·0		0·0		172·5	
676/839	ARMOEDE	2359	2858	1128	481·0		56·0		7·5		158·0	
677/ 99	CHLOE - NAF	2339	2904	1140	351·2		43·0		0·0		124·1	
677/188	VULCANUS - NAF	2338	2907	1167	316·5		48·5		5·0		124·5	
677/249	BERGZICHT - NAF	2349	2909	1341	274·0		40·4		7·6		146·0	
677/456	ROODEPUT - NAF	2336	2916	1189	230·2		74·4		0·0		88·0	
677/764	PALMIETFONTEIN	2344	2926	1189	331·9		37·1		12·5		126·7	
677/802	PIETERSBURG - WK	2352	2927	1230	378·3		43·5		7·7		179·0	
677/818	THORNELOE	2338	2928	1164	293·8		34·5		5·5		117·5	
677/834	PIETERSBURG - HOSP	2354	2928	1266	335·6	137	46·1	40	4·6	39	177·6	133
677/891	BROADLANDS	2351	2930	1280	349·3		36·3		6·4		131·0	
678/ 2	BYLSTEEL	2332	2931	1133	403·5		41·5		0·0		(57·5)	
678/132	SANDRIVIERSPOORT	2342	2935	1143	384·7		38·5		8·0		105·9	
678/144	KALKFONTEIN	2354	2935	1223	343·7		17·0		0·0		208·5	
678/297	MAJEBASKRAAL	2357	2940	1327	363·0		15·3		0·0		180·5	
678/381	SYFERKUIL - NAF	2351	2943	1250	390·1		29·0		2·5		179·2	
678/680	KRATZENSTEIN	2350	2953	1465	386·4		21·3		15·9		139·3	
678/722	DRIEFONTEIN	2332	2955	1219	528·5		29·5		11·0		108·2	
678/725	WILGEBOSCHFONTEIN I	2335	2955	1219	481·1		29·9		8·8		109·4	
678/776	HAENERTSBURG - POL	2356	2956	1402	520·2	122	47·2	21	16·6	49	263·6	153
678/805	WELTEVREDEN	2355	2957	1494	730·0		81·7		44·7		373·7	
678/836	GLENSHIEL	2356	2958	1524	630·5		73·7		22·9		339·6	
678/858	BROEDERSTROOM - BOS	2348	2959	1555	1103·6		210·0		97·0		634·0	
678/883	RAMATOELASKLOOF	2343	3000	914	366·9		17·7		2·8		122·5	
678/890	WOODBUSH I - BOS	2350	3000	1528	1046·6	120	168·0	38	65·8	77	417·5	121
679/ 19	DE HOEK - BOS	2349	3001	1219	959·0		135·0		67·9		476·7	
679/ 86	LETABADRIFT	2356	3003	975	(360·3)		67·5		20·0		285·4	
679/135	BELVEDERE	2345	3005	975	863·1		81·8		26·5		287·9	
679/136	GRENSHOEK - BOS	2346	3005	1372	796·1		68·3		26·5		332·4	
679/139	MIDDELKOP - BOS	2349	3005	1372	787·9		102·8		40·0		360·7	
679/141	VERGELEGEN	2351	3005	1128	798·0		124·5		32·0		264·0	
679/156	MOOKETSI - SAR	2336	3006	732	413·4		17·7		4·2		111·5	
679/164	WESTFALIA	2344	3006	945	765·5		69·7		25·3		345·3	
679/197	ZOMERKOMST - BOS	2347	3007	792	803·0		64·5		18·5		282·9	
679/221	DUIWELSKLOOF - MUN	2341	3008	792	704·5	136	44·5	17	11·5	27	284·0	161
679/227	WERENSKY - SKL	2347	3008	755	710·0		69·0		0·0		283·5	
679/267	NEW AGATHA - BOS	2357	3009	1097	787·3		132·7		24·6		420·5	
679/268	MONAVEIN	2358	3009	762	688·7		111·4		29·8		391·9	
679/289	PUSELLA	2349	3010	749	671·2		56·9		22·2		272·7	
679/290	TZANEEN - POL	2350	3010	777	703·2		57·1		23·0		257·3	
679/401	TRIANGLE	2341	3014	823	696·0		88·3		30·0		273·0	
679/407	BEAM ENDS	2347	3014	732	699·8		61·6		31·2		218·7	
679/441	VALENCIA ESTATES	2351	3015	610	483·0		48·5		26·0		114·0	
679/456	RAVENSHILL	2336	3016	914	608·8		68·4		11·2		189·7	
679/508	THABINA - AGR	2358	3017	700	534·6		(21·3)		17·3		97·0	
679/532	LETABA ESTATE	2352	3018	556	491·5		44·6		27·1		122·3	
679/592	LEEUWFONTEIN	2352	3026	549	435·1		52·0		27·5		111·6	
679/859	BELLE OMBRE	2349	3029	550	287·5		12·5		24·5		25·0	
680/ 59	LEYDSDORP - NAF	2359	3032	661	368·0		33·5		12·0		77·0	
680/133	LA COTTE	2343	3035	451	328·7		26·5		30·5		74·0	
680/167	CHESTER	2347	3036	518	312·1		19·1		11·5		71·2	
680/225	BLACK HILLS	2345	3038	518	280·8		25·0		6·0		64·5	
680/280	EILAND	2340	3040	457	418·0		45·0		12·5		36·0	
680/354	CONSOLDTD MURCHISON MINE	2354	3042	520	425·0		44·0		9·0		61·4	
680/439	PLATVELD	2349	3045	488	341·4	137	30·2	25	7·5	39	97·6	95
680/613	NONDWENI	2343	3051	457	172·6		73·0		11·2		60·5	
680/821	MAHALE	2341	3058	457	343·0		7·5		21·3		33·5	
680/832	ALONBRIDGE	2352	3058	455	352·3		28·1		17·7		71·9	
681/ 69	LETABA RANCH	2339	3103	335	425·6		32·5		27·3		68·6	
681/ 77	BADEROUKWE	2347	3103	475	321·7		26·7		29·3		83·5	
681/112	QUAGGA	2352	3104	427	334·9		34·3		23·4		75·9	
681/209	PHALABORWA	2359	3107	398	375·9		59·1		26·2		117·5	
682/141	LETABA RUSKAMP	2351	3135	215	264·5		39·8		15·0		101·9	
703/489	NOJANE	2309	2017	1250	106·3		35·0		0·5		15·0	
714/559	LEPHEPE	2319	2549	1067	253·5		97·5		4·0		13·5	
716/514	MAHALAPYE	2304	2648	1005	369·4	154	104·7	92	0·3	4	46·	46
716/515	MAHALAPYE - AGR	2305	2648	1005	317·7		95·7		0·0		50·0	
717/790	MACHANENG	2310	2727	914	380·3		137·7		0·0		45·4	
717/812	SEPHARE	2302	2728	945	262·5		143·0		0·0		24·9	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
674/ 75	125.0	56.0	58.5	21.5	9.0	0.0	0.0	0.0	0.0	4.0	121.0	82.0	477.0		542.1	
674/207	76.5	76.0	86.5	0.0	29.0	0.0	0.0	0.0	0.0	0.0	61.5	55.0	384.5		516.6	
674/429	123.1	62.0	73.7	19.5	3.4	0.0	0.0	0.0	0.0	10.0	41.5	115.0	448.2	101	568.0	128
674/855	67.5	130.0	56.9	19.5	4.0	0.0	0.0	0.0	0.0	46.6	107.0	126.5	558.0		566.1	
675/117	34.5	52.0	55.5	28.0	30.0	0.0	5.5	0.0	0.0	57.0	81.9	118.0	462.4	83	529.6	94
675/125	85.9	31.0	77.0	12.8	4.0	0.0	0.0	0.0	0.0	29.2	90.0	68.5	398.4	89	550.7	123
675/182	135.5	46.0	45.0	11.0	0.0	0.0	0.0	0.0	0.0	9.0	55.5	85.0	387.0	89	585.5	134
675/547	48.7	74.0	55.5	25.5	6.0	0.0	1.5	0.0	0.0	9.6	127.9	93.5	442.2		575.1	
675/695	73.0	76.0	64.0	11.0	5.0	0.0	0.0	0.0	0.0	17.6	133.5	67.5	447.6	119	590.7	157
675/720	134.6	83.7	62.8	50.7	28.5	0.0	2.5	0.0	0.4	18.0	126.1	124.4	631.7		750.8	
676/128	109.2	146.7	38.9	21.5	8.0	0.0	0.0	0.0	0.0	62.5	74.5	137.0	598.3		673.3	
676/237	171.5	43.5	42.0	30.5	7.0	0.0	0.0	0.0	4.5	28.5	48.5	126.5	502.5		(628.0)	
676/363	50.1	61.0	32.0	0.0	23.5	0.0	0.0	0.0	0.0	22.0	41.7	110.9	341.2		526.6	
676/523	68.5	57.8	23.0	19.2	6.5	0.0	0.3	0.0	0.0	7.8	44.5	156.5	384.1		607.0	
676/705	46.0	48.0	24.0	26.0	5.0	0.0	0.0	0.0	0.0	16.5	139.9	132.0	437.4	90	513.4	105
676/783	49.0	85.5	10.0	15.0	4.8	0.0	0.0	0.0	0.0	7.0	85.8	102.8	359.9		426.8	
676/838	171.5	80.3	19.0	30.0	7.0	0.0	0.0	0.0	0.0	63.0	109.5	116.5	596.8		783.3	
676/839	181.0	77.0	19.0	30.0	7.0	0.0	7.5	0.0	0.0	54.0	104.0	112.5	592.0		781.0	
677/ 99	70.6	64.0	19.5	19.0	4.5	0.0	0.0	0.0	0.0	18.0	106.1	126.0	427.7		525.2	
677/188	36.5	105.0	21.0	21.0	6.5	0.0	5.0	0.0	0.3	7.0	117.2	145.0	464.5	118	486.5	124
677/249	66.4	68.8	21.3	15.3	3.8	0.0	7.6	0.0	0.0	2.5	143.5	117.0	446.2	103	451.0	104
677/456	26.0	42.6	49.5	19.6	5.3	0.0	0.0	0.0	0.0	26.0	62.0	30.0	261.0		(435.2)	
677/764	23.5	97.4	7.0	26.0	4.1	0.0	12.5	0.0	2.0	39.7	85.0	143.5	440.7	118	489.9	131
677/802	35.7	91.0	25.6	15.9	2.0	0.0	7.7	0.0	7.2	37.5	134.3	114.6	471.5		619.9	
677/818	18.5	98.7	21.5	13.0	0.0	0.0	5.5	0.0	0.0	33.5	84.0	88.9	363.6	87	424.8	101
677/834	36.6	55.5	24.2	19.7	2.2	0.0	4.6	0.0	5.6	28.4	143.6	100.2	420.6	83	604.8	119
677/891	43.1	57.8	11.5	22.2	2.6	0.0	6.4	0.0	5.6	23.8	101.6	130.5	405.1	81	553.7	
678/ 2	74.0	132.5	14.0	27.5	0.0	0.0	0.0	0.0	0.0	--	57.5	52.5	(358.0)		524.5	139
678/132	40.5	112.3	22.6	15.9	0.0	0.0	8.0	0.0	0.0	21.6	84.3	101.0	406.2	96	501.5	119
678/144	36.0	87.6	9.0	0.0	8.0	0.0	0.0	0.0	0.0	9.0	199.5	(27.4)	(376.5)	84	452.2	100
678/297	43.6	104.0	4.3	11.0	0.0	0.0	0.0	0.0	0.0	20.0	160.5	160.5	503.9	110	493.8	108
678/381	64.1	134.0	0.0	24.5	4.5	0.0	2.5	0.0	2.0	4.5	172.7	90.0	498.8		515.5	
678/680	101.5	94.2	17.7	3.6	0.0	1.4	14.5	0.0	5.4	17.6	116.3	59.0	431.2		526.8	
678/722	121.5	120.5	22.0	7.5	0.0	0.0	11.0	0.0	8.5	12.7	87.0	73.0	463.7		699.4	
678/725	132.3	84.6	16.5	8.1	5.3	0.0	8.8	0.0	4.0	4.5	100.9	113.7	478.7	86	681.0	123
678/776	93.[illegible]	135.3	23.0	17.1	7.1	0.6	16.0	0.0	10.3	58.6	194.7	162.0	716.3	84	734.4	86
678/805	166.[illegible]	221.7	48.3	24.4	9.0	0.0	40.2	4.5	32.7	99.3	241.7	221.7	1109.6	103	1054.9	98
678/836	127.0	198.0	39.5	16.0	18.2	0.4	19.0	3.5	28.1	77.5	234.0	196.4	957.6		928.6	
678/858	306.5	331.5	156.5	51.0	2.5	9.0	69.5	18.5	44.5	182.0	407.5	423.0	2002.0	96	1817.6	87
678/883	116.6	116.3	10.0	0.0	7.7	0.0	2.8	0.0	0.0	0.0	122.5	41.5	417.4	80	496.0	95
678/890	349.5	333.1	132.0	31.0	5.0	1.5	50.8	13.5	36.9	121.7	258.9	430.0	1763.9	101	1645.4	95
679/ 19	548.7	255.9	99.4	27.1	8.5	7.5	50.4	10.0	43.5	113.0	320.2	328.2	1610.4	96	1498.2	90
679/ 86	195.8	164.5	47.3	12.1	8.1	3.5	16.3	0.2	18.0	27.8	239.6	197.2	930.4		-	
679/135	319.9	235.3	61.6	15.7	4.5	0.6	21.3	4.6	19.5	54.8	213.6	248.0	1199.4	96	1178.8	94
679/136	261.6	274.0	47.0	17.3	4.0	0.0	20.5	6.0	9.0	58.5	264.9	226.5	1189.3		1122.2	
679/139	279.4	239.3	93.8	9.0	0.0	0.0	40.0	0.0	33.2	58.4	269.1	269.7	1291.9	104	1206.4	97
679/141	272.0	216.0	113.0	11.5	0.0	0.0	32.0	0.0	8.5	66.0	189.5	284.5	1193.0	86	1225.5	89
679/156	128.7	126.0	0.2	14.6	2.9	2.2	2.0	0.0	2.3	0.6	108.6	44.0	432.1	88	515.2	105
679/164	294.0	229.3	50.3	13.9	5.5	0.6	22.7	2.0	14.5	51.2	279.6	216.0	1179.6	88	1049.3	78
679/197	290.0	268.5	48.0	3.5	13.0	0.0	14.0	4.5	15.5	36.4	231.0	197.0	1121.4	107	1058.7	101
679/221	298.5	202.5	33.5	11.0	0.0	0.0	11.5	0.0	11.0	35.5	237.5	201.5	1042.5	103	935.7	93
679/227	325.0	236.5	55.5	12.0	1.5	0.0	0.0	0.0	29.0	35.5	219.0	172.5	1086.5	111	978.6	100
679/267	230.6	197.5	116.6	8.0	8.1	7.1	17.5	0.0	29.0	88.7	302.8	215.1	1221.0	88	1283.7	92
679/268	205.9	174.2	87.6	13.4	10.4	6.6	22.1	1.1	33.6	66.3	292.0	194.4	1107.6	81	1152.4	84
679/289	280.7	178.7	46.8	8.7	1.4	4.4	14.1	3.7	14.7	47.0	211.0	158.7	969.9	97	927.2	93
679/290	284.3	208.1	45.5	10.1	1.5	5.9	15.1	2.0	16.5	47.0	193.8	160.5	990.3	109	990.5	109
679/401	243.0	258.0	39.1	49.2	0.0	3.0	27.0	0.0	12.5	52.5	208.0	195.0	1087.3	93	978.9	84
679/407	283.7	242.3	48.0	11.8	1.8	6.9	21.9	2.4	12.9	50.4	155.4	155.5	993.0		962.0	
679/441	215.5	97.5	43.5	5.0	0.0	15.0	1.0	0.0	15.5	25.0	73.5	237.5	739.0	94	784.7	100
679/456	160.8	240.6	50.5	15.7	2.2	7.2	3.0	1.0	7.3	26.2	156.2	217.4	888.1	90	836.2	85
679/508	150.0	178.3	19.2	--	2.1	8.5	8.8	0.0	14.5	16.5	66.0	154.6	(618.5)		(860.0)	
679/532	185.9	108.0	33.1	9.0	2.5	12.7	14.4	0.0	12.0	23.5	86.8	239.2	727.1	89	782.6	96
679/592	181.2	96.0	44.0	5.5	2.5	14.0	13.5	0.0	7.0	19.0	85.6	216.3	684.6	86	722.2	91
679/859	85.8	149.8	12.5	0.0	0.0	24.5	0.0	0.0	0.0	0.0	25.0	42.7	340.3	61	404.8	73
680/ 59	117.0	79.0	22.5	11.0	0.0	0.0	12.0	0.0	7.5	12.0	57.5	90.0	408.5	69	507.5	73
680/133	97.4	125.7	26.5	0.0	0.0	21.5	9.0	0.0	0.0	0.0	74.0	75.5	429.6	77	478.3	85
680/167	117.5	106.4	11.9	5.6	1.6	1.5	8.0	2.0	5.0	4.9	61.3	64.0	389.7	67	418.3	72
680/225	121.5	69.5	19.0	6.0	0.0	0.0	6.0	0.0	3.5	6.5	54.5	67.5	354.0	62	385.5	68
680/280	211.5	112.5	38.0	7.0	0.0	0.0	12.5	0.0	2.5	2.5	31.0	80.0	497.5		543.1	
680/354	233.5	100.5	33.4	10.3	0.3	0.0	9.0	0.0	2.2	7.8	51.4	101.9	550.3		574.6	
680/439	152.2	110.7	20.7	8.2	1.3	0.0	7.5	0.0	3.3	8.8	85.5	52.5	450.7	92	462.6	95
680/613	80.2	58.0	73.0	0.0	0.0	0.0	11.2	0.0	11.0	4.5	45.0	54.5	337.4	69	321.0	66
680/821	116.0	135.5	7.0	0.5	0.0	5.3	16.0	0.0	20.0	5.5	8.0	27.0	340.8		507.5	
680/832	110.4	128.7	22.5	5.6	0.0	0.0	17.7	0.0	14.5	10.1	47.3	43.6	400.4		517.6	
681/ 69	170.5	117.1	25.5	0.0	7.0	0.4	26.6	0.3	15.9	29.7	23.0	27.3	443.3	93	637.8	133
681/ 77	150.5	94.7	19.0	0.0	7.7	17.8	11.5	0.0	16.0	11.5	56.0	38.0	422.7		469.2	
681/112	83.9	143.0	33.2	0.9	0.2	3.5	19.5	0.4	18.5	14.5	42.9	58.2	418.7		467.9	
681/209	127.8	112.7	47.2	8.1	3.8	0.8	24.7	0.7	21.6	28.8	67.1	63.7	507.0		531.6	
682/141	65.7	58.0	23.0	2.5	14.3	0.0	15.0	0.0	50.0	37.9	14.0	35.9	316.3	68	442.2	94
703/489	61.5	30.1	29.5	5.5	0.0	0.5	0.0	0.0	0.0	0.5	14.5	33.0	175.1		181.6	
714/559	49.0	45.5	46.0	20.0	31.5	0.0	4.0	0.0	0.0	2.5	11.0	55.0	264.5		521.5	
716/514	70.8	90.0	60.8	40.0	3.9	0.0	0.3	0.0	0.0	4.8	42.0	44.6	357.2	77	(535.1)	1
716/515	48.1	49.9	61.9	30.0	3.8	0.0	0.0	0.0	0.0	7.1	42.9	43.3	287.0		559.4	
717/790	89.0	107.5	110.1	18.5	9.1	0.0	0.0	0.0	0.0	9.7	35.7	68.7	448.3		611.4	
717/812	52.5	32.0	119.5	15.0	8.5	0.0	0.0	0.0	0.0	10.9	14.0	59.5	311.9		494.7	

R E Ë N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	φ S	λ E	H M	KWARTAAL QUARTER DEC FEB 1958 1959 MM	PER	MAR MAY 1959 1959 MM	PER	JUN AUG 1959 1959 MM	PER	SEP NOV 1959 1959 MM	PER
718/147	DEELKRAAL	23°27′	27°35′	850	293·1		93·8		1·5		50·6	
718/409	RUSTENBURG 517	2319	2744	915	283·5		106·0		2·0		40·5	
718/434	SANDPAN	2314	2745	915	324·5		98·5		0·0		22·5	
718/577	FIRST HOPE	2307	2750	762	346·5		99·6		0·2		28·9	
718/647	ENKELVLEI	2317	2752	762	348·4		128·6		0·0		17·5	
718/772	AFGUNST	2322	2756	915	331·0		174·0		5·0		56·5	
718/798	WAGENKOP	2318	2757	915	338·9		160·3		3·0		40·1	
718/874	TOM BURKE	2304	2800	829	269·7		97·2		0·0		131·0	
719/370	MARNITZ	2310	2813	932	382·5		81·2		0·3		72·4	
719/428	STRYDPAN	2308	2815	935	354·0		75·3		7·0		42·0	
719/467	BOEKENHOUTFONTEIN	2317	2816	915	231·8		93·5		2·0		137·2	
719/646	CAROLINA	2316	2822	915	247·6		83·4		3·5		139·0	
719/777	BUFFELSFONTEIN	2327	2826	975	341·5		81·5		4·5		84·0	
720/121	WELGEDACHT - SKL	2301	2835	914	363·0		52·0		0·0		34·0	
720/198	OATLANDS	2318	2837	1067	323·3		70·9		11·2		53·2	
720/727	LEIPZIG	2307	2855	1219	243·6	86	67·2	47	9·7	83	98·7	78
721/157	INNES	2307	2906	914	293·6		32·7		29·6		100·0	
721/197	BOCHUM I	2317	2907	954	271·0	118	27·7	24	15·0	105	93·2	82
721/257	BOCHUM - NAF	2317	2909	954	313·9		(12·0)		25·5		119·1	
721/522	RED HILL	2312	2918	975	328·6		20·8		9·5		71·0	
721/618	WALDBURG	2318	2921	1067	275·8		14·0		4·0		57·1	
721/665	MARA - POL	2305	2923	914	350·5		42·2		2·6		61·2	
721/772	KALKFONTEIN	2322	2926	991	258·5		106·0		0·0		79·3	
722/ 82	LEGKRAAL	2322	2933	975	341·1	166	11·3	12	0·0	0	112·7	130
722/ 99	MARA - AGR	2309	2934	894	253·4		55·7		1·8		52·9	
722/267	DE ONDERSTEWAGENDRIFT	2327	2939	1085	519·6		12·5		12·5		28·9	
722/277	UNA - AGR	2307	2940	899	261·8		35·9		3·0		65·0	
722/301	CAPESTHORNE	2301	2941	853	496·6		51·0		7·5		79·1	
722/409	BULTFONTEIN	2319	2944	1097	316·4		38·8		0·0		27·9	
722/497	ROUWPUT	2317	2947	1097	255·0		33·6		3·9		56·7	
722/509	RAMOKGOPA - NAF	2329	2947	1095	347·5		47·0		0·0		39·0	
722/571	VERSAMELHOEK	2301	2950	991	470·3		44·8		33·3		126·7	
722/614	ZWARTRANDJIES	2314	2951	1036	325·0		29·9		7·5		71·1	
722/675	VLIEGENPAN	2315	2953	914	305·9		41·7		10·0		124·3	
722/693	LOUIS TRICHARDT	2303	2954	961	590·7	173	54·8	34	28·2	76	70·8	50
722/700	MAMPAKUIL	2310	2954	945	402·4		49·0		10·1		41·6	
722/721	WATER RESERWE - BOS	2301	2955	1036	611·7		80·5		35·5		84·2	
722/749	HASEBULT	2329	2955	1128	488·8		36·9		11·5		146·6	
722/861	DONKERHOEK - NAF	2321	2959	1036	532·3		61·7		9·0		132·1	
722/900	WITRAND - BOS	2330	3000	1082	500·0		50·5		18·0		83·0	
723/ 31	ROODEWAL - BOS	2301	3002	1219	665·2		83·5		37·8		86·7	
723/ 55	DORINGBOOM	2325	3002	1067	708·0	119	85·6	30	33·0	65	196·8	96
723/ 70	ELIM - HOSP	2310	3003	808	465·9		80·5		30·5		112·7	
723/ 80	SETALI	2320	3003	884	519·6		70·0		72·0		68·4	
723/113	VOORSPOED - BOS	2323	3004	1065	536·5		109·0		38·5		167·0	
723/114	MYNGENOEGEN	2324	3004	914	467·0		52·0		17·5		120·5	
723/126	BEJA	2306	3005	779	565·8		67·3		51·1		112·3	
723/155	GOEDEHOOP - BOS	2305	3006	811	773·7		84·5		73·6		165·5	
723/182	SHEFEERA	2302	3007	1219	1068·5		166·5		(48·5)		214·0	
723/231	BONTFONTEIN - NAF	2321	3008	762	505·0		48·0		5·0		51·9	
723/278	GEVONDEN	2308	3010	823	508·5		71·7		45·2		93·3	
723/327	MOOIWATER	2327	3011	730	326·5		29·0		12·0		73·5	
723/331	TIMBADOLA - BOS	2301	3012	890	883·5		128·5		109·5		203·0	
723/334	NOOITGEDACHT	2304	3012	762	721·8		63·0		0·0		125·0	
723/338A	DRIEFONTEIN	2308	3012	698	492·0		45·0		24·5		90·8	
723/363	KLEIN AUSTRALIE - BOS	2303	3013	702	626·8		73·1		74·0		125·6	
723/469	SCHAAPLAAGTE - NAF	2319	3016	640	451·0		39·0		10·0		48·9	
723/485	LEVUBU	2305	3017	610	657·9		59·0		42·7		123·2	
723/513	TSHAKHUMA	2303	3018	1158	883·9	131	97·9	29	87·8	152	184·1	73
723/574	LAATSTGEVONDEN	2304	3020	610	817·6		77·1		45·0		170·0	
723/577	VERZAMELING VAN WATERS	2307	3020	610	590·1		57·5		37·8		125·6	
723/603	REMBANDER - NAF	2303	3021	671	823·5		86·1		46·9		140·0	
723/656	BELLEVUE - NAF	2326	3022	610	278·1		31·5		6·7		46·3	
723/793	TABAANS - NAF	2313	3027	610	503·5		31·0		9·0		61·0	
724/138	BEND STORE - NAF	2318	3035	610	474·5		54·2		19·0		68·2	
724/361	BOLTMAN	2301	3043	545	555·9		69·0		19·5		63·4	
724/790	SHANGONI	2310	3057	427	488·5		116·0		27·5		79·5	
725/756	SHINGWEDZI	2306	3126	213	384·7		30·8		20·5		80·6	
758/867	SHOSHONG	2257	2629	1128	248·0		93·0		0·0		25·0	
759/450	KALAMARIE	2300	2645	1036	301·5		72·0		0·0		42·5	
760/243	PALAPYE	2233	2709	921	263·2	111	109·5	116	1·0	18	63·0	75
762/401	TATIE	2241	2814	915	192·0		79·0		0·0		5·8	
762/507	OATLANDS	2257	2817	914	231·5		50·0		6·0		13·5	
762/532	DROEVLEI	2252	2818	914	282·1		41·8		6·5		2[illegible]·2	
762/665	MATIKULU	2235	2823	610	335·0		43·1		0·0		17·9	
762/795	MAASSTROOM - POL	2245	2827	815	332·4		14·2		0·0		0·0	
763/ 95	SWANEPOELSDRIF	2235	2834	762	504·2		29·5		0·0		12·5	
763/313	GROENDRAAI	2243	2841	760	393·7		23·8		4·2		15·8	
763/675	DE GRACHT	2245	2853	766	372·6		72·8		0·2		·8	
763/743	STOLZENFELS - NAF	2253	2855	825	286·9		68·0		2·5		(2[illegible]·3)	
764/114	ALFRED	2254	2904	914	311·4		22·5		0·0		37·0	
764/161	ALLDAYS - POL	2241	2906	823	346·5		17·5		0·0		59·6	
764/334	COVENTRY	2234	2912	762	246·9		15·5		0·2		61·1	
764/385	CARLOW	2235	2913	914	305·7		17·6		0·0		48·0	
765/ 7	BANDUR	2237	2931	671	207·5		25·0		0·0		7·1	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
718/147	54.3	70.4	77.0	14.2	2.6	0.0	0.2	1.3	0.3	5.5	44.8	77.0	341.6		551.1	
718/409	53.0	37.0	94.5	11.5	0.0	0.0	0.0	2.0	0.0	13.0	27.5	73.0	311.5	73	559.0	132
718/434	79.5	29.5	83.0	8.5	7.0	0.0	0.0	0.0	0.0	0.0	22.5	63.0	293.0		626.8	
718/577	116.0	34.0	87.4	3.2	9.0	0.0	0.2	0.0	0.0	1.6	27.3	47.2	325.9		574.2	
718/647	86.0	105.5	112.1	16.5	0.0	0.0	0.0	0.0	0.0	0.0	17.5	37.4	375.0		619.9	
718/772	49.5	54.0	147.5	16.0	10.5	0.0	0.0	5.0	0.0	18.0	38.5	66.1	405.1		676.0	
718/798	67.0	23.0	138.2	17.0	5.1	0.0	0.0	3.0	0.0	10.1	30.0	37.9	331.3		634.8	
718/874	56.1	78.9	85.7	6.7	4.8	0.0	0.0	0.0	0.0	33.2	97.8	63.7	426.9		494.4	
719/370	50.0	169.7	64.5	9.0	7.7	0.0	0.0	0.3	0.0	7.7	64.7	58.0	431.6		588.5	
719/428	34.5	157.5	56.0	16.0	3.3	0.0	0.0	7.0	0.0	1.5	40.5	65.5	381.8		536.4	
719/467	20.2	107.0	77.0	13.7	2.8	0.0	0.0	2.0	0.5	0.7	136.0	46.0	405.9	100	437.7	108
719/646	72.8	49.9	61.5	14.4	7.5	0.0	0.0	3.5	0.0	4.5	134.5	75.0	423.6		449.3	
719/777	106.5	64.0	65.0	12.0	4.5	0.0	0.0	4.5	0.0	21.5	62.5	56.0	396.5		581.0	
720/121	128.5	88.5	24.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0	49.0	352.0		500.0	
720/198	57.3	57.0	44.0	20.4	6.5	0.0	0.0	11.2	0.0	21.9	31.3	114.0	363.6		521.2	
720/727	45.0	82.1	27.0	36.7	3.5	1.1	0.1	8.5	3.0	12.0	83.7	117.3	420.0	75	515.4	91
721/157	21.1	99.3	9.9	21.7	1.1	0.0	0.1	29.5	7.2	25.6	67.2	100.2	382.9		456.0	
721/197	21.0	116.0	12.0	14.0	1.7	0.0	0.0	15.0	3.5	41.5	48.2	95.7	368.6	78	385.7	82
721/257	16.0	167.7	12.0	--	0.0	0.0	0.0	25.5	0.0	41.9	77.2	82.1	(422.4)	94	(403.7)	90
721/522	50.5	86.1	10.8	9.5	0.5	0.0	2.0	7.5	2.5	16.5	52.0	110.5	348.4	86	479.1	118
721/618	2.0	83.8	12.0	2.0	0.0	0.0	0.0	4.0	3.5	13.1	40.5	62.5	223.4	65	388.7	113
721/665	45.0	83.0	21.0	14.2	7.0	0.0	2.6	0.0	3.5	10.2	47.5	147.5	381.5		558.2	
721/772	16.0	65.5	92.0	14.0	0.0	0.0	0.0	0.0	0.0	5.5	73.8	68.9	335.7	83	466.5	115
722/ 82	85.5	117.0	4.3	7.0	0.0	0.0	0.0	0.0	4.3	35.0	73.4	146.8	471.3	121	442.5	113
722/ 99	71.8	25.0	40.8	6.9	8.0	0.0	0.0	1.8	0.7	6.0	46.2	128.2	335.4		441.4	
722/267	81.4	141.4	0.0	12.5	0.0	0.0	12.5	0.0	0.0	9.0	19.9	134.1	410.8		605.9	
722/277	60.0	71.5	14.5	9.4	12.0	0.0	3.0	0.0	0.0	6.5	58.5	216.7	452.1	110	403.2	98
722/301	96.5	212.5	20.4	23.6	7.0	0.0	7.5	0.0	0.0	5.0	74.1	84.1	530.7	112	681.3	144
722/409	93.3	94.8	15.9	20.4	2.5	0.0	0.0	0.0	2.5	7.1	18.3	118.4	373.2	102	410.3	112
722/497	75.5	55.0	17.7	12.3	3.6	1.5	2.4	0.0	1.5	12.3	42.9	92.1	316.8	85	367.0	99
722/509	81.0	91.0	35.0	12.0	0.0	0.0	0.0	0.0	0.0	26.0	13.0	89.0	347.0		476.0	
722/571	157.6	91.8	34.2	7.1	3.5	2.0	29.7	3.6	3.7	8.9	114.1	223.3	679.5	105	634.8	98
722/614	108.0	64.0	13.9	10.0	6.0	0.0	7.5	0.0	0.0	24.6	46.5	141.5	422.0		444.1	
722/675	120.4	40.3	24.4	10.8	6.5	0.6	9.2	0.2	2.0	21.5	100.8	140.2	476.9		440.3	
722/693	225.6	71.4	42.5	9.0	3.3	1.3	20.2	6.7	5.9	16.4	48.5	142.1	592.9	87	775.0	114
722/700	157.5	77.1	34.0	5.0	10.0	2.0	8.1	0.0	0.0	10.5	31.1	66.0	401.3	90	535.0	120
722/721	231.2	113.0	66.5	9.0	5.0	0.0	24.5	11.0	12.5	20.2	51.5	138.5	682.9	80	854.2	100
722/749	118.3	93.4	24.5	10.4	2.0	0.0	11.5	0.0	8.2	28.7	109.7	81.9	488.6	85	642.0	112
722/861	169.6	127.2	53.5	0.2	8.0	0.0	9.0	0.0	9.0	30.6	92.5	100.5	600.1		712.5	
722/900	151.0	109.0	37.0	13.5	0.0	0.0	18.0	0.0	10.0	7.0	66.0	144.0	555.5		672.5	
723/ 31	267.8	102.9	57.9	23.6	2.0	3.5	23.8	10.5	5.6	23.3	27.8	178.8	727.5		858.6	
723/ 55	183.8	182.7	73.9	9.2	2.5	3.7	29.3	0.0	1.6.1	56.9	123.8	172.1	854.0	75	972.7	85
723/ 70	183.9	78.0	45.5	8.0	27.0	0.0	28.0	2.5	9.2	34.0	69.5	154.5	640.1	86	688.4	92
723/ 80	186.4	110.2	65.0	5.0	0.0	0.0	72.0	0.0	6.0	36.0	26.4	137.5	644.5	91	732.1	104
723/113	181.0	120.5	102.5	6.5	0.0	8.0	30.5	0.0	11.0	43.5	112.5	159.0	775.0		806.8	
723/114	152.0	134.5	44.5	2.5	5.0	4.0	13.5	0.0	5.0	11.0	104.5	139.5	616.0	83	622.0	84
723/126	252.1	86.2	53.0	11.3	3.0	1.0	48.5	1.6	9.4	52.5	50.4	153.1	722.1	112	764.2	119
723/155	338.8	108.7	71.5	10.0	3.0	0.0	58.0	15.6	17.0	82.0	66.5	225.1	996.2	97	1051.5	102
723/182	455.5	211.0	148.5	18.0	0.0	8.0	--	40.5	31.0	110.0	73.0	356.0	(1451.5)		1513.4	
723/231	190.5	109.5	45.0	0.0	3.0	5.0	0.0	0.0	4.5	12.5	34.9	119.5	524.4	96	696.5	128
723/278	197.6	67.4	66.5	5.2	0.0	0.0	35.7	9.5	2.5	53.7	37.1	185.6	660.8	78	739.9	87
723/327	134.0	73.0	28.0	0.0	1.0	12.0	0.0	0.0	0.0	3.5	70.0	95.8	417.3		422.5	
723/331	366.0	187.5	115.5	13.0	0.0	9.0	79.0	21.5	13.0	119.0	71.0	306.5	1301.0	102	1226.0	96
723/334	325.5	137.3	63.0	0.0	0.0	0.0	0.0	0.0	6.5	70.5	48.0	306.0	956.8	99	920.3	95
723/338A	174.5	53.0	42.5	0.0	2.5	0.0	24.5	0.0	6.0	47.3	37.5	197.0	584.8	73	675.6	85
723/363	243.6	146.8	62.7	8.0	2.4	3.5	60.5	10.0	15.5	69.9	40.2	305.4	968.5	71	857.7	63
723/469	189.5	76.5	33.5	2.0	3.5	1.0	9.0	0.0	2.9	7.0	39.0	101.0	464.9		553.5	
723/485	197.4	159.7	52.6	5.2	1.2	0.5	41.1	1.6	8.7	52.1	62.4	263.4	845.9		1107.2	
723/513	311.3	275.4	89.5	8.4	0.0	0.0	80.3	7.5	26.5	72.5	85.1	363.8	1320.3	100	1196.9	90
723/574	290.8	193.6	71.5	0.3	5.3	0.1	38.9	6.0	9.7	75.1	85.2	315.9	1092.4	114	1067.6	112
723/577	170.1	149.0	51.9	2.7	2.9	0.0	36.1	1.7	11.2	35.3	79.1	287.1	827.1	91	797.8	88
723/603	265.0	208.5	79.5	4.0	2.6	2.4	39.5	5.0	15.5	64.5	60.0	305.5	1052.0		1085.3	
723/656	101.1	70.0	24.5	0.0	7.0	0.0	6.7	0.0	2.4	12.4	31.5	94.7	350.3		365.4	
723/793	211.0	103.0	22.0	0.0	9.0	0.0	9.0	0.0	0.0	30.0	31.0	224.5	639.5		(626.5)	
724/138	171.6	106.8	30.0	0.0	24.2	0.0	19.0	0.0	8.2	34.9	25.1	68.5	488.3		604.0	
724/361	298.7	92.5	52.8	16.2	0.0	11.3	8.2	0.0	3.5	21.5	38.4	130.5	673.6		753.2	
724/790	200.5	83.0	106.5	5.0	4.5	14.5	11.5	1.5	15.0	31.0	33.5	130.4	636.9		701.3	
725/756	90.6	101.0	20.3	0.0	10.5	13.5	6.0	1.0	21.0	17.6	42.0	89.5	413.0		515.7	
758/867	61.5	44.0	66.0	16.0	11.0	0.0	0.0	0.0	0.0	0.0	25.0	77.0	300.5		517.5	
759/450	48.5	62.0	46.5	18.0	7.5	0.0	0.0	0.0	0.0	8.0	34.5	44.5	269.5	66	542.5	133
760/243	43.7	78.5	77.0	32.5	0.0	0.0	0.0	1.0	0.0	2.5	60.5	91.5	387.2	92	513.1	122
762/401	52.5	49.5	79.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	5.0	91.9	278.7		410.8	
762/507	77.5	66.0	24.5	19.5	6.0	0.0	0.0	5.0	0.0	7.0	6.5	61.0	274.0		385.0	
762/532	95.6	71.0	33.5	6.4	1.9	0.0	2.0	4.5	0.0	10.2	12.0	48.5	285.6		433.4	
762/665	51.5	143.7	40.2	2.9	0.0	0.0	0.0	0.0	0.0	2.5	15.4	58.2	314.4		501.8	
762/795	38.6	155.5	11.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.5	234.8	68	428.2	121
763/ 93	114.2	178.5	22.0	7.5	0.0	0.0	0.0	0.0	0.0	4.5	8.0	97.6	432.3		658.7	
763/313	69.2	111.2	19.3	3.0	1.5	1.1	3.0	0.1	0.6	11.2	4.0	61.3	285.5		538.1	
763/675	56.2	98.9	13.7	59.0	0.1	0.0	0.2	0.0	0.1	1.7	63.0	26.6	319.5	89	536.8	150
763/743	58.5	101.4	0.0	68.0	0.0	0.0	2.5	0.0	0.0	--	23.3	54.1	(307.8)		[illegible]	
764/114	53.0	82.5	6.0	9.0	7.5	0.0	0.0	0.0	0.0	23.0	14.0	46.0	241.0		397.3	
764/161	100.5	67.0	10.0	4.5	3.0	0.0	0.0	0.0	0.1	46.5	13.0	57.5	302.1	83	492.2	135
764/334	53.6	67.8	9.5	0.0	6.0	0.0	0.2	0.0	0.0	0.0	61.1	67.9	266.1		359.4	
764/385	36.6	82.4	5.3	6.0	6.3	0.0	0.0	0.0	0.0	19.0	29.0	33.6	238.2		445.8	
765/ 7	41.5	124.0	21.5	0.0	3.5	0.0	0.0	0.0	0.0	4.0	3.1	42.0	239.6	73	317.7	97

R E Ë N V A L R A I N F A L L

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	φ S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
765/ 83	ALBERT	22°53′	29°33′	610	243·4		66·1		0·8		122·9	
765/229	JAGKRAAL	2249	2938	731	256·1		31·7		3·0		48·9	
765/607	MOPANE - SKL	2237	2951	715	196·3		89·5		4·8		33·8	
765/697	DREYER	2237	2954	715	189·7		73·7		18·0		25·0	
765/707	MUTAMBA RANCH	2247	2954	655	204·5	115	69·0	95	5·0	57	9·5	12
765/825	PHANTOM	2245	2958	671	153·0		12·5		4·0		18·5	
765/869	FLEURFONTEIN	2259	2959	1219	580·3		117·4		39·2		94·6	
766/ 30	ROODEWAL - BOS	2300	3001	1065	695·9		100·1		46·5		79·8	
766/324	SILOAM	2254	3011	1067	438·5		17·9		29·3		129·6	
766/421	JOAN	2231	3015	1155	248·3		7·1		1·5		51·8	
766/480	ENTABENI - BOS	2300	3016	1376	1277·5	134	297·0	60	126·0	102	268·3	81
766/509	MATIWA - BOS	2259	3017	1311	1406·4		244·4		130·1		297·5	
766/617	RAMBUDA - NAF	2247	3021	1372	657·0		80·5		41·0		55·5	
766/779	PALMARYVILLE - NAF	2259	3026	570	719·0		84·0		38·5		151·4	
766/837	SIBASA - NAF	2257	3028	739	983·8	177	132·5	50	56·5	130	188·9	96
766/842	FOLOBODWE - NAF	2232	3029	610	186·5		5·0		0·0		57·5	
766/858	GOOLDVILLE	2248	3029	762	924·8		134·3		44·3		130·7	
767/168	GEORGENHOLTZ	2248	3036	692	787·5		177·5		65·5		126·0	
768/ 11	PIENDA MARIA	2241	3101	461	325·7		60·4		9·7		54·7	
791/697	KALKFONTEIN	2207	2054	1216	202·5		25·2		3·1		14·9	
803/383	SERDWE	2223	2643	1070	197·0	75	105·4	97	0·3	6	25·0	29
803/876	LEUPANE	2206	2700	1065	321·1		123·7		1·8		55·6	
808/139	VERGENOEGD	2219	2905	610	208·0		0·0		0·0		31·0	
808/193	PARMA	2213	2907	457	142·3		4·6		0·0		30·6	
808/390	BRIDGEWATER	2230	2913	732	236·0		0·0		0·0		61·0	
809/285	GOEREE	2215	2940	610	174·3		7·0		4·0		9·7	
809/706	MACUVILLE	2216	2954	518	253·6		32·3		0·0		29·9	
810/ 80	MESSINA	2220	3003	538	292·9	160	9·8	13	0·9	12	39·5	51
812/567	PAFURI	2227	3119	305	316·6	128	50·8	68	42·9	447	86·8	107
838/252	GHANZI	2142	2139	1131	217·4	83	78·8	56	0·4	21	6·7	9
850/237	MADINARE	2157	2738	884	253·0		51·0		1·0		11·0	
893/883	FRANCISTOWN	2113	2730	1001	332·9	123	73·4	78	2·2	59	34·3	43
938/442	SEBINA	2052	2715	1067	461·6		62·7		3·0		87·5	
939/ 76	TSESSEBE	2046	2733	1194	483·0		53·5		0·0		35·0	
973/850	TSAU	2010	2229	900	224·8		96·9		0·0		27·0	
974/410	SEHITWA	2020	2244	975	225·9		75·5		0·0		11·0	
976/679	MAKALAMABEDI	2019	2353	975	430·5		71·8		1·5		21·9	
1018/460	NOKANENG	1940	2216	900	276·8		55·0		0·0		28·9	
1020/749	MAUN - WK	1959	2325	945	305·9	118	83·8	74	2·5	500	20·5	36
1161/622	SHAKAWE	1822	2151	1025	626·5		(121·7)		0·0		17·3	
1219/259	KASANE	1749	2509	915	449·0	99	48·5	36	0·0	0	46·0	52
0/543	TRISTAN DA CUNHA - WK	3703	1219	23	381·2		338·6		475·9		385·7	
0/653	MARION - WK - NIS	4653	3752	23	675·2		674·7		763·7		643·3	
0/709	GOUGH EILAND - WK	4019	954	5	702·6		923·7		1393·7		870·5	

R E Ë N V A L R A I N F A L L

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
765/ 83	24.8	65.1	27.5	33.6	5.0	0.0	0.8	0.0	0.0	51.0	71.9	99.3	379.0		386.7	
765/229	40.1	94.5	30.0	0.0	1.7	0.0	3.0	0.0	0.4	17.5	31.0	67.5	285.7		(348.8)	
765/607	74.8	56.5	82.5	0.0	7.0	4.8	0.0	0.0	0.0	4.3	29.5	23.7	283.1		370.4	
765/697	71.5	67.0	65.7	0.0	8.0	18.0	0.0	0.0	0.0	2.0	23.0	37.5	292.7		331.4	
765/707	64.5	40.0	61.0	0.0	8.0	0.0	5.0	0.0	0.0	0.0	9.5	19.0	207.0	61	318.2	94
765/825	75.5	38.5	6.5	1.5	4.5	4.0	0.0	0.0	3.0	12.0	3.5	45.5	194.5	61	204.5	64
765/869	222.6	139.7	62.3	46.1	9.0	4.3	19.4	15.5	10.3	21.6	62.7	155.4	768.9	98	876.5	112
766/ 30	289.1	130.3	72.4	21.7	6.0	4.0	27.0	15.5	8.0	30.0	41.8	172.0	817.8		992.2	
766/324	204.4	92.9	17.9	0.0	0.0	0.0	29.3	0.0	0.0	8.0	121.6	76.2	550.3	113	523.6	108
766/421	121.2	49.6	3.6	3.5	0.0	0.0	1.5	0.0	0.0	3.3	48.5	23.5	254.7		303.5	
766/480	517.0	282.0	265.5	22.0	9.5	8.0	89.0	29.0	41.0	117.3	110.0	432.5	1922.8	102	1837.4	97
766/509	591.9	327.5	216.9	27.5	0.0	9.0	91.0	30.1	54.0	147.0	96.5	425.0	2016.4	96	2065.3	98
766/617	274.5	82.5	77.5	3.0	0.0	12.0	12.5	16.5	0.0	19.0	36.5	157.0	691.0		835.6	
766/779	260.0	127.0	78.5	5.5	0.0	0.0	36.0	2.5	11.5	62.9	77.0	248.1	909.0	89	1001.0	98
766/837	334.3	175.0	123.0	6.5	3.0	3.0	37.5	16.0	10.4	59.5	119.0	243.7	1130.9	106	1362.6	128
766/842	87.5	79.0	2.0	0.0	3.0	0.0	0.0	0.0	0.0	6.0	51.5	47.0	276.0		241.5	
766/858	325.5	162.7	123.2	7.7	3.4	3.4	24.5	16.4	9.9	65.4	55.4	223.4	1020.9	107	1241.7	130
767/168	395.5	201.0	145.0	32.5	0.0	11.0	40.5	14.0	7.5	87.5	31.0	192.0	1157.5	102	1270.5	111
768/ 11	113.2	105.4	60.4	0.0	0.0	4.0	3.5	2.2	2.7	0.0	52.0	164.5	507.9	86	470.1	80
791/697	84.6	51.0	10.4	7.8	7.0	2.5	0.6	0.0	0.0	0.0	14.9	110.4	289.2		246.1	
803/383	33.2	37.0	95.4	10.0	0.0	0.0	0.3	0.0	0.0	9.0	16.0	95.0	295.9	64	465.7	102
805/876	122.5	62.0	93.0	20.0	10.7	1.8	0.0	0.0	0.0	8.0	47.6	73.6	439.2		549.8	
808/139	45.0	66.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	29.0	49.5	191.5		287.5	
808/193	11.8	11.5	3.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	30.6	0.0	58.5		194.9	
808/390	45.0	67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	58.0	55.0	228.0	61	315.2	85
809/285	41.0	22.0	0.0	7.0	0.0	4.0	0.0	0.0	0.0	6.0	3.7	70.6	154.3		247.5	
809/706	62.4	92.4	26.5	4.5	1.3	0.0	0.0	0.0	0.0	0.0	29.9	63.8	280.8	85	365.6	110
810/ 80	99.6	133.2	3.5	5.7	0.6	0.0	0.9	0.0	0.0	2.0	37.5	69.9	352.9	104	374.0	110
812/567	141.5	111.0	45.0	3.5	2.3	35.5	7.4	0.0	6.5	12.0	68.3	55.0	488.0	118	457.9	111
838/252	70.7	26.9	46.7	25.8	6.3	0.0	0.4	0.0	0.0	0.8	5.9	40.7	224.2	47	356.3	75
850/237	51.5	62.5	47.0	0.0	4.0	1.0	0.0	0.0	0.0	0.0	11.0	50.8	227.8		439.4	
893/883	63.0	90.2	41.2	13.8	18.4	1.9	0.3	0.0	0.0	4.7	29.6	65.6	328.7	74	496.2	111
938/442	187.0	24.0	52.0	6.5	4.2	3.0	0.0	0.0	0.0	28.5	59.0	126.5	490.7		642.3	
939/ 76	196.5	34.5	18.0	0.0	35.5	0.0	0.0	0.0	0.0	11.0	24.0	121.0	440.5		592.8	
973/850	95.0	29.0	82.4	14.5	0.0	0.0	0.0	0.0	0.0	6.0	21.0	92.5	340.4		389.2	
974/410	102.0	17.0	54.5	21.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	89.0	294.5		(354.9)	
976/679	130.0	66.5	59.5	12.3	0.0	1.5	0.0	0.0	0.0	1.6	20.3	71.8	363.5		583.9	
1018/460	161.3	41.5	50.0	5.0	0.0	0.0	0.0	0.0	16.0	1.0	11.9	23.0	309.7		366.2	
1020/749	133.1	71.0	66.0	12.5	5.3	1.8	0.7	0.0	0.1	2.1	18.3	76.1	387.0	89	483.0	112
1161/622	267.9	157.5	113.9	--	7.8	0.0	0.0	0.0	0.1	6.1	11.1	124.6	(689.0)		(802.4)	
1219/259	195.0	73.5	44.5	3.0	1.0	0.0	0.0	0.0	0.0	2.5	43.5	169.2	532.2	79	600.0	89
0/543	133.7	147.7	69.7	171.1	97.8	205.0	115.2	155.7	97.1	154.1	134.5	126.1	1607.7		1622.0	
0/653	228.0	253.2	258.0	245.3	171.4	317.4	249.1	197.2	206.4	120.5	316.4	200.1	2763.0		2485.0	
0/709	187.0	158.9	199.8	413.6	310.3	578.1	463.2	352.4	277.6	261.1	331.8	241.0	3774.8		3625.2	

R E Ë N V A L
S W A

R A I N F A L L
S W A

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL / QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
312/ 64	DREIHUK	28°04′	18°33′	900	81·6		13·0		6·6		1·4	
312/397	NARUCHAS	2807	1844	950	71·0		39·8		0·2		1·6	
312/417	WARMBAD	2827	1844	750	12·2	38	22·4	69	0·0	0	0·0	0
312/422	KARASBURG	2802	1845	1013	165·1	355	25·8	56	11·0	183	0·0	0
312/779	KHAIS SUID	2829	1856	850	38·0		15·8		16·2		0·2	
314/ 32	HEIRACHABIS	2802	1932	800	54·0		20·2		14·0		4·0	
314/482	UKAMAS	2802	1947	800	(5·0)		7·0		7·0		8·5	
314/577	ARIAMSVLEI	2807	1950	774	51·2		20·9		10·0		11·3	
344/370	LORELEI	2740	1643	1100	0·0		74·3		25·9		1·3	
347/124	KLEINKARAS	2734	1805	1145	49·0		19·0		8·0		0·0	
347/527	BLANKSDAM	2747	1818	1089	52·2		11·5		7·4		2·5	
348/233	PLANKIESKOP	2753	1838	985	28·0		(17·5)		0·0		0·0	
348/819	DUURDRIFT NOORD	2739	1858	1000	74·7		8·1		14·0		16·0	
349/ 82	NOIBIS	2752	1903	950	64·5		15·1		10·3		11·4	
349/158	BLINKODG	2738	1906	1100	49·8		17·0		15·5		11·3	
349/238	KUBUB OST	2758	1908	900	70·5		7·5		0·0		0·0	
349/548	FETTKLUFT NORD	2738	1919	900	22·8		14·0		5·3		22·8	
349/657	SPRINGPUTZ	2757	1922	750	40·0		40·0		12·0		32·0	
350/113	NABAS	2753	1934	650	71·3		3·0		8·5		8·5	
350/151	NIMMERRUST	2731	1936	850	40·7		1·6		10·0		9·1	
350/350	SWARTKOP	2750	1942	800	75·7		16·0		9·0		0·5	
350/542	DAVIGNAB SUID	2732	1949	800	51·6		5·5		8·8		1·0	
380/519	ROOIBERG	2709	1648	1500	46·0		29·0		15·5		7·0	
382/612	OASE	2712	1751	762	59·0		22·0		10·9		4·0	
383/ 8	GABASIS OOS	2708	1801	900	(23·0)		36·0		0·0		0·0	
383/439	SWARTKOP	2719	1815	1150	(30·5)		·–		12·5		20·5	
384/ 23	NOACHABEB	2723	1831	1461	77·7		34·4		13·4		5·5	
384/408	WITTMUND	2718	1844	1500	69·3		27·0		19·2		9·3	
384/852	NAOS	2712	1859	1400	66·6		16·9		12·5		16·5	
385/233	HANGAS	2723	1908	1170	173·8		5·3		17·0		21·4	
385/516	WARMFONTEIN	2706	1918	1150	91·5		16·0		0·0		0·0	
386/ 68	TRANENTAL OOS	2708	1933	1000	72·0		5·0		8·5		0·0	
413/158	LUDERITZ	2638	1506	23	7·5		10·6		2·7		0·0	
413/279	LUDERITZ TOWN	2639	1510	30	5·1		23·1		4·9		2·2	
415/ 6	GARUB	2636	1601	762	6·1		37·6		2·4		0·9	
415/551	AUS	2641	1619	1421	29·5	132	102·2	244	10·5	42	3·0	28
416/228	TSACHANABIS	2648	1638	1300	40·0		34·0		0·0		13·0	
416/368	DOORNS	2638	1643	1400	15·0		12·6		5·5		8·5	
416/611	KUIBIS	2641	1651	1374	16·5		14·5		8·0		4·5	
416/871	KLIPDRIF	2632	1700	1150	23·0		6·0		3·5		·–	
417/405	KONKIEP	2645	1714	930	20·3		0·0		16·0		0·0	
418/ 58	VOGELSTRAUSSKLUFT	2658	1732	800	60·6		5·0		14·0		0·0	
418/310	HOSTYN	2640	1744	900	47·3		5·0		3·3		0·0	
418/529	SEEHEIM	2649	1748	710	51·9		15·0		5·0		0·6	
419/184	KEETMANSHOOP AIRPORT	2634	1807	1066	43·7		24·6		3·4		7·9	
419/215	KEETMANSHOOP TOWN	2635	1808	1004	17·6	27	33·2	58	4·0	143	6·7	36
419/665	EISENSTEIN	2635	1823	900	15·2		55·0		5·5		7·0	
420/146	NARUBIS	2656	1835	900	37·5		28·9		5·0		8·3	
420/214	STAMPRIET	2634	1838	800	22·0		39·0		0·0		0·0	
421/629	ENOS	2659	1921	1000	84·5		14·0		10·0		18·5	
422/ 32	BLUMTAL	2632	1932	1000	34·8		15·7		0·0		0·0	
422/257	AROAB	2647	1939	1000	46·7		25·8		0·0		0·7	
422/538	LOUWSVLEY	2658	1948	900	66·8		15·0		4·0		0·8	
422/823	KLEIN MANASSE	2643	1958	900	(17·0)		54·5		0·0		13·0	
452/817	EXCELSIOR	2607	1628	1250	30·7		20·8		0·7		0·0	
453/204	DUINSIG	2624	1637	1450	23·2		30·1		4·5		0·5	
453/845	CHAMIS SUD	2605	1659	1200	39·0		22·1		5·4		2·6	
454/270	BETHANIEN	2630	1710	1150	29·4	55	17·0	33	30·0	–	5·5	50
456/ 27	GELLAP OST	2627	1801	1000	63·6		19·6		3·2		5·5	
456/284	ITSAWISIS	2614	1810	1044	56·0		48·7		5·0		12·2	
456/449	GARIGANUS	2629	1815	1111	12·5		25·5		6·2		5·2	
458/639	MORGENSON SUID	2609	1922	900	85·6		24·5		0·0		7·5	
489/583	SINCLAIR	2543	1620	900	58·0		75·0		0·0		0·0	
490/132	ARUAB	2542	1635	1700	58·5	69	8·5	13	8·0	79	0·0	0
490/623	HELMERINGHAUSEN	2553	1651	1500	50·3		17·7		11·0		9·5	
490/662	MAGUAMS	2532	1653	1700	81·1		30·0		0·0		14·7	
491/212	KUTEB	2532	1708	1200	80·5		38·0		0·0		19·6	
491/357	ALSUMA	2557	1712	1150	44·0		10·6		3·0		0·0	
492/509	BERSEBA	2559	1747	1064	51·0		21·0		0·0		20·5	
493/233	TSES	2553	1808	962	29·5		25·3		4·0		10·0	
493/482	UITSIG	2532	1817	900	24·8		35·0		5·0		0·0	
494/252	KONOWA	2542	1839	900	73·3		22·5		4·0		0·1	
495/267	KOES	2557	1909	900	68·7		35·8		5·5		6·2	
495/534	GRABSTEIN	2554	1918	900	56·0		42·0		5·0		21·2	
526/679	BETTA	2519	1623	1400	71·6		34·7		2·0		2·5	
527/ 17	DUWISIB	2517	1631	1550	67·6		60·0		4·5		9·0	
527/155	SOVERBY	2505	1636	1400	37·0		32·7		0·9		17·5	
527/430	KLEINFONTEIN NORD	2510	1645	1250	35·6		32·0		2·1		0·0	
527/534	OSIS	2524	1648	1200	101·7		17·5		0·0		8·–	
528/899	ANEIS	2529	1730	1250	41·6		24·4		4·5		0·7	
529/209	GELWATER	2529	1737	960	28·1		9·1		6·7		5·3	
529/428	GIBEON	2508	1745	1059	44·3	44	20·6	32	0·0	0	5·5	33
529/452	KRANZPLATZ	2502	1746	1100	46·2		41·5		5·5		5·5	
529/807	[illegible]	2527	1757	999	12·6		25·6		5·9		5·5	
530/169	DAUTSCHAS	2519	1806	1175	56·5		5·0		5·3		9·5	

R E E N V A L R A I N F A L L
S W A S W A

TOTALE REENVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN DEC MM	JAAR 1959 PER	YEAR JUL JUN MM	YEAR 1958 1959 PER
312/ 64	43.5	19.1	1.5	6.5	5.0	6.5	0.0	0.1	0.0	0.4	1.0	0.1	83.7	87	102.8	107
312/397	9.5	40.3	25.9	2.4	11.5	0.0	0.2	0.0	0.0	1.6	0.0	4.0	95.4		111.4	
312/417	0.2	6.0	0.8	12.4	9.2	0.0	0.0	0.0	0.0	0.0	0.0	17.0	45.6	57	34.6	44
312/422	53.0	39.6	9.5	5.5	10.8	11.0	0.0	0.0	0.0	0.0	0.0	2.0	131.4	120	204.4	186
312/779	1.1	9.5	2.5	6.8	6.5	15.8	0.2	0.2	0.0	0.2	0.0	13.6	56.4		-	
314/ 32	9.5	17.0	13.0	7.2	0.0	14.0	0.0	0.0	0.0	0.0	4.0	19.0	83.7	87	88.2	92
314/482	5.0	.-	0.0	7.0	0.0	7.0	0.0	0.0	0.0	0.0	8.5	23.0	(50.5)		(19.0)	
314/577	6.5	20.2	2.0	16.9	2.0	10.0	0.0	0.0	0.0	2.5	8.8	39.5	108.4	86	87.4	69
344/370	0.0	0.0	0.0	14.6	59.7	13.6	11.3	1.0	1.3	0.0	0.0	0.0	101.5		89.9	
347/124	15.5	9.5	4.5	9.0	5.5	8.0	0.0	0.0	0.0	0.0	0.0	0.0	52.0		(76.0)	
347/527	8.0	42.0	2.5	0.0	9.0	7.0	0.0	0.4	1.0	1.0	0.5	0.2	71.6		71.3	
348/233	8.0	20.0	.-	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(45.5)		(63.6)	
348/819	18.0	36.2	8.1	0.0	0.0	14.0	0.0	0.0	0.0	0.0	16.0	24.0	116.3		96.8	
349/ 82	9.2	38.0	2.4	10.7	2.0	10.3	0.0	0.0	0.0	0.1	11.3	54.0	138.0		90.2	
349/158	5.4	32.0	5.0	6.5	5.5	15.5	0.0	0.0	0.0	0.0	11.3	6.5	87.7		82.3	
349/238	7.0	17.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.5	76.0		78.0	
349/548	0.0	10.8	14.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	22.8	0.0	52.9		43.1	
349/657	0.0	5.0	25.0	15.0	0.0	12.0	0.0	0.0	3.0	4.0	25.0	12.0	101.0		94.0	
350/113	14.0	27.3	0.0	0.0	3.0	8.5	0.0	0.0	0.0	3.0	5.5	2.0	63.3		90.3	
350/151	19.0	10.7	1.6	0.0	0.0	10.0	0.0	0.0	0.0	0.0	9.1	63.5	113.9		52.3	
350/350	5.7	21.7	4.0	0.0	12.0	9.0	0.0	0.0	0.0	0.1	0.4	0.5	53.4	38	100.8	72
350/542	16.3	27.5	3.5	2.0	0.0	8.8	0.0	0.0	0.0	0.0	1.0	7.8	66.9		65.9	
380/519	0.0	7.0	0.0	6.0	23.0	7.0	7.0	1.5	0.0	0.0	7.0	0.0	58.5		82.0	
382/612	0.5	14.5	17.0	5.0	0.0	10.9	0.0	0.0	0.0	0.0	4.0	45.0	96.9		91.9	
383/ 8	0.0	.-	16.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	(55.0)		(59.0)	
383/439	10.0	20.5	.-	.-	0.0	12.5	0.0	0.0	0.0	0.0	20.5	14.5	(78.0)		(43.0)	
384/ 23	13.8	21.4	12.5	19.4	2.5	11.1	1.5	0.8	0.0	0.5	5.0	0.2	88.7	63	130.2	93
384/408	12.7	21.0	3.0	18.5	5.5	15.0	1.0	3.2	0.0	0.6	8.7	0.0	89.2		118.8	
384/852	13.0	46.1	4.5	12.4	0.0	12.5	0.0	0.0	0.0	3.0	13.5	10.1	115.1		96.0	
385/233	115.7	43.6	0.0	4.9	0.4	17.0	0.0	0.0	0.0	4.0	17.4	5.6	208.6		196.1	
385/516	77.0	7.5	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	129.5		107.5	
386/ 68	20.5	34.5	5.0	0.0	0.0	8.5	0.0	0.0	0.0	0.0	0.0	24.0	92.5	59	85.5	54
413/158	0.0	0.0	0.0	0.2	10.4	2.5	0.2	0.0	0.0	0.0	0.0	0.0	13.3	90	20.6	139
413/279	0.0	0.0	0.0	0.1	23.0	3.8	1.1	0.0	2.0	0.2	0.0	0.0	30.2		32.0	
415/ 6	0.0	0.1	0.0	7.0	30.6	2.3	0.1	0.0	0.0	0.9	0.0	0.0	41.0		46.0	
415/551	0.0	5.5	0.0	16.5	85.7	3.2	7.3	0.0	0.0	1.5	1.5	1.0	122.2	122	137.4	137
416/228	0.0	0.0	19.0	4.0	11.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	47.0		74.0	
416/368	0.0	0.0	0.0	2.0	10.6	5.5	0.0	0.0	0.0	0.0	8.5	0.0	26.6		33.1	
416/611	0.0	0.0	7.5	0.0	7.0	8.0	0.0	0.0	0.0	0.0	4.5	0.0	27.0	22	39.0	32
416/871	0.0	0.0	6.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	.-	0.0	(9.5)		32.5	
417/403	8.4	1.7	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	1.4	27.5		36.3	
418/ 58	4.0	21.5	0.0	5.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	44.5		79.6	
418/310	1.0	9.2	4.0	15.3	0.0	3.3	0.0	0.0	0.0	0.0	0.0	5.0	37.8		69.9	
418/529	30.5	1.1	4.0	11.0	0.0	5.0	0.0	0.0	0.0	0.0	0.6	0.4	52.6		71.9	
419/184	10.6	14.2	14.2	9.9	0.5	3.4	0.0	0.0	0.0	4.0	3.9	5.3	66.0		72.1	
419/215	6.0	8.1	24.0	7.2	2.0	4.0	0.0	0.0	0.0	0.0	6.7	9.4	67.4	47	54.8	38
419/665	7.2	5.0	50.3	4.7	0.0	5.5	0.0	0.0	0.0	0.0	7.0	11.5	91.2		75.7	
420/146	31.5	1.5	14.5	14.4	0.0	5.0	0.0	0.0	0.0	0.3	8.0	13.5	88.7	59	71.4	47
420/214	16.0	0.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	57.5		61.0	
421/629	49.5	19.0	2.5	11.5	0.0	10.0	0.0	0.0	0.0	0.0	18.5	21.5	132.5		110.5	
422/ 32	8.9	20.6	8.7	3.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	21.9	67.1		50.5	
422/257	24.0	14.9	9.5	12.0	4.3	0.0	0.0	0.0	0.0	0.0	0.7	22.4	87.8	47	72.5	39
422/538	36.0	6.8	0.0	9.0	6.0	4.0	0.0	0.0	0.0	0.0	0.8	33.8	96.4	58	86.8	52
422/823	17.0	.-	5.5	43.0	6.0	0.0	0.0	0.0	0.0	0.0	13.0	39.0	(123.5)		-	
452/817	3.2	14.0	0.0	0.5	20.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	38.7		52.2	
453/204	0.0	3.5	1.5	0.6	28.0	3.0	1.5	0.0	0.0	0.0	0.5	0.0	38.6		56.3	
453/845	14.6	6.3	19.4	0.2	2.5	5.3	0.0	0.1	0.0	0.1	2.5	0.0	51.0		66.4	
454/270	0.0	20.0	16.5	0.5	0.0	30.0	0.0	0.0	0.0	0.0	5.5	0.0	72.5	61	76.4	64
456/ 27	45.2	6.9	8.4	10.6	0.6	3.2	0.0	0.0	0.0	0.0	5.5	4.4	84.8	54	86.4	55
456/284	25.5	12.0	48.0	0.0	0.7	5.0	0.0	0.0	0.0	1.5	10.7	2.3	105.7		112.7	
456/449	3.5	5.5	17.0	8.5	0.0	6.2	0.0	0.0	0.0	1.2	4.0	29.7	75.6		45.7	
458/639	29.0	46.0	18.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	107.0		110.1	
489/583	23.0	28.0	54.0	6.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	126.0		133.0	
490/132	19.0	29.0	1.8	4.0	2.7	8.0	0.0	0.0	0.0	0.0	0.0	0.0	64.5	37	75.0	43
490/623	6.0	22.1	9.7	6.0	2.0	11.0	0.0	0.0	0.0	0.0	9.5	0.0	66.3	40	79.0	48
490/662	26.3	22.6	17.0	2.5	10.5	0.0	0.0	0.0	0.0	1.0	13.7	0.5	94.1	48	111.4	57
491/212	10.0	47.5	29.0	9.0	0.0	0.0	0.0	0.0	0.0	6.5	13.1	0.0	115.1	58	118.5	60
491/357	24.0	16.0	7.6	0.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	53.6		57.6	
492/509	23.0	10.5	11.0	9.0	1.0	0.0	0.0	0.0	0.0	0.0	20.5	0.0	75.0	64	72.0	61
493/233	6.5	4.5	22.5	2.5	0.3	4.0	0.0	0.0	0.0	2.0	8.0	7.5	57.8	50	60.3	52
493/482	2.2	0.0	35.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	9.0	51.2		64.8	
494/252	0.0	70.1	22.3	0.0	0.2	4.0	0.0	0.0	0.0	0.0	0.1	1.4	98.1		105.3	
495/267	11.7	54.5	35.8	0.0	0.0	5.5	0.0	0.0	0.0	0.0	6.2	3.5	117.2		112.0	
495/534	19.0	27.5	34.5	8.0	0.0	5.0	0.0	0.0	0.0	0.0	21.2	17.0	132.2		103.5	
526/679	17.2	5.3	24.2	2.2	8.3	2.0	0.0	0.0	0.0	0.0	2.5	0.0	61.7		108.3	
527/ 17	11.1	6.0	51.0	2.0	7.0	4.5	0.0	0.0	0.0	0.0	9.0	0.0	90.6		132.1	
527/155	6.5	8.9	26.0	6.5	0.2	0.3	0.0	0.6	0.0	0.0	17.5	0.0	66.5		70.2	
527/430	2.6	5.5	26.8	3.6	1.6	1.4	0.0	0.7	0.0	0.0	0.0	0.7	42.9		69.2	
527/534	15.2	47.0	16.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	87.7		119.2	
528/899	5.5	10.7	17.4	5.0	2.0	3.0	0.0	1.5	0.0	0.5	0.2	2.5	48.3		69.6	
529/209	6.3	17.7	5.3	1.1	2.7	6.7	0.0	0.0	0.0	3.3	2.0	1.5	46.6		45.6	
529/428	21.6	15.5	20.6	0.0	0.0	0.0	0.0	0.0	0.0	0.5	5.0	7.0	70.2	38	64.9	3[illegible]
529/452	16.5	18.7	25.0	16.5	0.0	2.0	0.0	3.5	0.0	0.0	5.5	0.0	87.7		89.7	
529/807	0.0	7.0	25.6	0.0	0.0	5.9	0.0	0.0	0.0	0.5	5.0	22.0	66.0		44.1	
530/169	14.3	17.4	1.6	2.5	0.9	5.3	0.0	0.0	0.0	2.5	7.0	7.0	58.5		66.8	

R E Ē N V A L R A I N F A L L
S W A S W A

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
530/189	NORONAUB	2509′	1807′	1200	35·0		27·1		3·5		4·0	
530/625	MORGENROOD	2523	1821	1100	33·0		40·0		6·5		0·0	
530/700	WELVERDIEND	2510	1824	1100	31·0		5·9		4·1		0·6	
531/ 37	LANGERFELD	2507	1832	1000	29·3		19·9		3·5		8·4	
531/207	ASANIB	2527	1837	1000	116·5		36·0		1·5		2·5	
531/246	ZONDERLOOP	2506	1839	1100	82·0		24·5		5·5		15·0	
531/618	PERSIP	2518	1851	1000	72·5		15·0		7·0		0·0	
532/173	EINDPAAL	2523	1906	950	70·7		·–		0·0		0·0	
565/227	NEUHOF RESERVE	2447	1608	1300	57·0		11·0		0·0		6·0	
565/666	FRIEDLAND	2436	1623	1500	35·2		24·3		0·0		2·0	
566/ 7	KAMKAS	2437	1631	1400	26·5		40·2		3·5		2·0	
566/309	KARAB	2439	1641	1350	43·0		(10·0)		0·0		8·0	
566/860	MALTAHOHE	2450	1659	1400	28·4		23·5		3·0		4·3	
567/ 35	SANDHOF	2435	1702	1350	58·4	51	57·8	86	0·8	20	5·8	39
567/738	VOIGTSGRUND	2448	1725	1275	60·1	51	6·7	8	4·5	113	11·0	72
568/ 95	HARIBES	2435	1734	1300	65·9		23·6		3·2		9·9	
568/284	GAITSABIS	2444	1740	1200	84·0		20·1		5·5		20·5	
568/307	DASSIESFONTEIN	2437	1741	1150	51·3		32·0		8·5		16·5	
568/324	ROSENHOF	2454	1741	1150	67·6		7·5		0·0		17·0	
568/817	MARIENTAL	2437	1758	1099	59·5		14·0		5·9		15·3	
569/271	KOUWATER	2431	1810	1200	49·0		(10·5)		0·0		6·5	
570/ 88	KARAAM	2458	1833	1250	78·7		71·2		4·5		21·0	
570/166	HERBERT	2446	1836	1200	77·5		·–		0·0		0·0	
570/531	GOCHAS	2451	1848	1150	90·5		42·0		0·0		42·4	
570/628	HARUCHAS	2458	1851	1100	184·9	193	28·3	37	2·5	57	26·0	135
570/637	DUINEVELD	2437	1852	1100	218·3		90·5		2·5		8·0	
571/ 78	TOGGEVIND	2448	1903	1000	128·7		41·5		0·0		27·1	
608/472	ONIS	2422	1616	1500	67·0		19·5		0·0		0·0	
609/ 57	LAHNSTEIN	2427	1632	1400	54·0	58	11·2	180	0·0	0	6·2	47
609/270	URUSIS	2430	1639	1400	27·9		29·0		0·0		1·0	
609/567	NOMTSAS	2427	1649	1350	61·4		28·5		4·5		6·4	
609/734	ARUSIS	2414	1655	1300	83·3		41·9		2·2		13·6	
610/884	KUB	2414	1730	1200	152·7		46·6		2·2		5·4	
611/153	KALKRAND	2403	1736	1229	(102·0)		66·0		2·0		0·0	
611/823	TWILIGHT	2413	1758	1215	(65·0)		13·7		2·2		2·3	
612/423	LIOFONTEIN	2403	1815	1150	146·6		20·6		12·0		2·8	
612/502	HOFMEYR	2422	1817	1200	64·5		43·0		2·0		10·0	
612/733	EIRUP	2413	1825	1150	86·5		36·1		1·7		6·1	
612/771	STAMPRIETFONTEIN	2421	1826	1100	87·0		43·7		2·5		0·0	
612/897	WITKRANS	2427	1830	1150	120·3		26·1		2·5		5·3	
613/155	MENTIN	2408	1836	1200	179·5		35·5		9·0		6·5	
613/375	KAMEELBAUM	24 5	1843	1200	72·5		12·5		1·5		8·5	
614/ 2	NABUS – VOGELWEIDE	2402	1901	1050	62·5		14·1		1·5		21·2	
614/188	ARAHOAB	2408	1907	1200	41·5		11·5		3·5		3·0	
614/406	OMRAH	2416	1914	1100	87·6		1·5		3·3		0·0	
615/667	GOEDEHOOP	2407	1953	1150	100·3		23·5		0·0		5·0	
615/781	BOESMANSTAD	2401	1957	1200	80·6		47·5		0·0		5·0	
615/824	UITSPAN	2414	1958	900	58·1		14·2		0·0		0·0	
651/118	ABBABIS	2358	1604	1000	42·0		58·0		0·6		0·0	
651/192	MIDDELPLAAS	2342	1607	1100	11·8		75·1		0·0		6·2	
651/549	NAUCHAS	2339	1619	1826	36·5		98·6		1·5		·–	–
651/759	MORGENROTH	2339	1626	1200	76·1		15·2		0·0		11·0	
653/343	TSUMIS	2343	1712	1277	65·4		19·7		0·8		5·3	
653/881	WILDERNESS	2341	1730	1250	59·1		56·6		1·1		8·0	
654/646	MBELA	2346	1752	1300	62·0		21·0		0·0		0·0	
654/802	BITTERWASSER	2352	1757	1300	83·8		55·5		2·5		2·4	
654/842	RHEINPFALZ	2332	1759	1300	51·6		28·5		0·0		12·5	
655/123	ANIAS SUID	2333	1805	1300	103·5		43·5		0·0		7·0	
655/255	JA DENNOCH	2345	1809	1300	129·1		19·5		0·0		5·0	
655/397	DERM	2337	1814	1200	121·8		40·3		0·0		7·8	
655/503	GOMCHANAS OST	2353	1817	1250	139·9		28·9		4·4		7·0	
655/667	NEUMARK	2337	1823	1300	110·2		72·0		0·0		0·3	
656/ 28	STRATE	2358	1831	1200	135·1		51·3		5·1		16·5	
656/541	LEONARDVILLE	2331	1849	1350	62·2		27·0		0·0		7·1	
656/582	PERDEPAN	2342	1850	1250	72·4		41·7		0·0		0·0	
656/771	MANIE	2351	1855	1200	59·5		30·0		0·0		1·1	
657/ 36	UITKOMS	2336	1902	1250	70·7		28·2		0·0		24·0	
657/582	AMINUIS	2342	1920	1000	73·5		18·0		0·0		9·6	
657/699	RIETQUELLE	2339	1924	1000	37·2		25·7		1·7		9·3	
694/733	SCHLESIEN	2313	1555	600	9·9		14·3		0·0		0·0	
695/396	TANTUS	2306	1614	1800	48·5		24·3		0·1		5·7	
695/544	EISGAUBIB	2304	1619	1200	71·5		48·0		0·0		26·5	
696/183	MAHONDA	2303	1637	1750	143·0		27·0		0·0		18·7	
696/492	NAOS	2312	1647	1650	44·7		66·0		1·5		16·1	
696/504	MARIENHOF	2324	1647	1650	61·0		39·6		0·0		30·8	
697/139	REHOBOTH TOWN	2319	1705	1386	65·5		65·5		0·0		31·8	
697/543	WORTEL	2303	1719	1505	55·8		40·6		0·2		19·4	
698/637	GRASWERELD	2307	1752	1400	97·6		87·0		0·0		4·1	
698/778	BEENBRECK	2328	1756	1350	71·6		24·6		0·1		24·0	
699/ 32	NEUHOF KOWAS	2302	1802	1350	125·2	92	81·8	86	0·0	0	9·2	35
699/ 52	DORNENPFANNE	2322	1802	1300	75·0		46·0		0·0		[illegible]	
699/227	NONIKAM	2317	1808	1300	114·6		17·3		0·0		14·3	
699/385	DOORNFONTEIN SUD	2325	1813	1350	87·2		32·5		0·0		6·5	
699/546	EVRIL	2306	1819	1400	157·3		26·0		0·0		25·4	
700/152	COURT	2302	1836	1300	91·3		21·4		0·0		6·0	

R E Ë N V A L R A I N F A L L
S W A S W A

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
530/189	3.5	29.5	11.0	16.1	0.0	3.5	0.0	0.0	0.0	0.0	4.0	2.0	69.6		65.6	
530/623	0.0	20.0	34.0	6.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	9.0	75.5		79.5	
530/700	0.2	28.2	5.8	0.1	0.0	4.1	0.0	0.0	0.0	0.3	0.3	9.5	45.5		42.0	
531/ 37	6.7	8.5	19.7	0.0	0.2	3.5	0.0	0.0	0.0	1.2	7.2	2.3	49.3		53.1	
531/207	13.5	98.5	33.0	3.0	0.0	1.5	0.0	0.0	0.0	0.0	2.5	0.0	152.0		154.1	
531/246	8.5	73.5	24.5	0.0	0.0	5.5	0.0	0.0	0.0	13.5	1.5	7.7	134.7		112.0	
531/618	49.0	20.0	13.0	1.0	1.0	7.0	0.0	0.0	0.0	0.0	0.0	18.0	109.0	57	96.5	51
532/173	25.1	32.6	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(57.7)		(70.7)	
565/227	9.5	29.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	3.0	58.5		68.0	
565/666	13.9	9.6	9.9	11.4	3.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	49.8	28	64.4	36
566/ 7	0.0	15.5	20.7	19.5	0.0	3.5	0.0	0.0	0.0	0.0	2.0	0.0	61.2		72.2	
566/309	0.0	11.0	(3.0)	7.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	(29.0)		(55.0)	
566/860	1.4	16.0	17.5	6.0	0.0	3.0	0.0	0.0	0.0	0.0	4.3	0.0	48.2	30	57.7	36
567/ 35	32.7	25.3	49.6	8.2	0.0	0.8	0.0	0.0	0.0	0.0	5.8	0.0	122.4	61	117.3	58
567/738	17.7	33.8	6.0	0.7	0.0	4.5	0.0	0.0	0.0	0.0	11.0	0.0	73.7	34	71.3	33
568/ 95	31.6	21.5	22.0	1.2	0.4	2.9	0.0	0.3	0.0	0.5	9.4	0.2	90.0		93.7	
568/284	34.0	18.0	16.6	3.0	0.5	3.5	0.0	2.0	0.0	0.0	20.5	5.5	103.6		124.6	
568/307	20.5	26.3	27.0	3.0	2.0	3.5	0.0	5.0	0.0	1.0	15.5	0.6	104.4		87.5	
568/324	12.3	49.0	6.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	85.8		82.1	
568/817	13.0	40.0	10.0	3.0	1.0	5.5	0.0	0.4	0.0	0.4	14.9	17.0	105.2	60	88.5	50
569/271	17.5	19.0	(4.5)	6.0	0.0	0.0	0.0	0.0	0.0	4.0	2.5	21.0	(74.5)		(59.5)	
570/ 88	31.1	42.6	67.9	3.3	0.0	4.5	0.0	0.0	0.0	12.3	8.7	25.0	195.4		154.4	
570/166	20.0	38.5	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	(68.0)		(77.5)	
570/531	19.0	49.5	42.0	0.0	0.0	0.0	0.0	0.0	0.0	26.9	15.5	7.5	160.4		132.5	
570/628	72.5	63.0	20.9	5.9	1.5	2.5	0.0	0.0	0.0	10.3	15.7	11.6	203.9	104	216.5	110
570/637	48.0	106.8	74.5	16.0	0.0	2.5	0.0	0.0	0.0	2.5	5.5	5.2	261.0		311.3	
571/ 78	22.8	64.9	41.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.1	4.0	160.3		170.2	
608/472	20.0	41.0	19.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.5		86.5	
609/ 57	3.0	38.0	3.5	7.7	0.0	0.0	0.0	0.0	0.0	0.0	6.2	0.0	58.4	34	67.0	39
609/270	5.0	22.9	20.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	19.2	77.1		66.9	
609/567	22.3	30.4	7.5	21.0	0.0	4.5	0.0	0.0	0.0	0.1	6.3	1.1	93.2	58	95.4	60
609/734	38.5	32.2	27.2	14.7	0.0	2.2	0.0	0.0	0.0	0.3	13.3	5.0	133.4		132.8	
610/884	26.4	116.3	41.2	5.4	0.0	1.2	0.0	1.0	0.0	0.0	5.4	4.0	200.9	112	201.8	113
611/153	--	102.0	57.0	9.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	(170.0)		(168.0)	
611/823	(3.6)	45.6	6.9	5.8	1.0	2.1	0.0	0.1	0.0	1.0	1.3	2.3	(71.7)		(119.3)	
612/423	26.7	101.4	9.7	10.4	0.5	0.5	0.0	11.5	0.0	0.0	2.8	35.1	198.6		169.0	
612/502	6.5	46.5	30.0	13.0	0.0	0.0	0.0	2.0	0.0	0.0	10.0	4.0	112.0		107.5	
612/733	28.2	40.2	24.0	11.2	0.9	1.3	0.0	0.4	0.0	0.3	5.8	3.8	116.1		129.8	
612/771	12.0	40.5	36.5	7.2	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	98.7	45	133.2	61
612/897	35.3	68.8	17.4	8.7	0.0	2.5	0.0	0.0	0.4	0.2	4.7	9.4	147.4		149.5	
613/155	16.0	133.5	28.0	7.5	0.0	1.0	0.0	8.0	0.0	0.0	6.5	0.0	200.5		221.0	
613/375	4.5	62.5	10.0	2.5	0.0	0.0	0.0	1.5	0.0	0.0	8.5	10.0	99.5		99.0	
614/ 2	10.7	42.4	11.9	2.2	0.0	0.0	0.0	1.5	0.0	0.0	21.2	1.9	91.8	44	89.1	43
614/188	19.5	22.0	11.5	0.0	0.0	0.0	0.0	3.5	0.0	0.0	3.0	0.0	59.5		57.7	
614/406	31.1	55.5	1.5	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	10.7	102.1		92.4	
615/667	53.1	9.7	12.5	11.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	17.0	108.3		123.8	
615/781	45.0	19.6	38.5	9.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	42.6	159.7		135.0	
615/824	31.6	8.2	8.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--	(54.0)		77.9	
651/118	0.0	42.0	16.5	24.5	17.0	0.0	0.0	0.6	0.0	0.0	0.0	2.5	103.1		102.0	
651/192	0.0	11.8	51.5	11.6	12.0	0.0	0.0	0.0	0.0	0.0	6.2	0.0	93.1		86.9	
651/549	4.0	32.5	67.1	22.5	9.0	1.5	0.0	0.0	0.0	0.0	--	0.0	(136.6)	(63)	139.8	64
651/759	10.4	51.2	4.5	10.7	0.0	0.0	0.0	0.0	0.0	0.0	11.0	4.1	91.9		92.4	
653/343	7.0	38.9	14.1	4.1	1.5	0.0	0.0	0.8	1.0	0.0	4.3	0.0	71.7	39	85.1	47
653/881	20.0	34.6	44.1	11.5	1.0	0.0	0.0	1.1	0.0	0.0	8.0	0.0	120.3		115.7	
654/646	27.0	22.5	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1	85.6		89.0	
654/802	16.5	46.3	51.5	4.0	0.0	0.0	0.0	2.5	0.0	0.0	2.4	14.3	137.5	61	139.7	62
654/842	22.0	22.0	15.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	85.0	32	83.3	31
655/123	55.0	33.5	25.5	18.0	0.0	0.0	0.0	0.0	0.0	4.5	2.5	0.0	139.0		147.0	
655/258	51.5	23.5	18.4	1.1	0.0	0.0	0.0	0.0	0.0	0.5	4.5	8.6	108.1		148.6	
655/397	37.5	59.3	30.0	10.3	0.0	0.0	0.0	0.0	0.0	0.1	7.7	4.1	149.0		168.7	
655/503	20.4	99.0	26.5	2.3	0.1	0.3	0.0	4.1	0.0	0.5	6.5	0.4	160.1		173.6	
655/667	19.2	81.0	72.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	172.5		191.7	
656/ 28	29.5	95.3	36.0	15.3	0.0	0.1	0.0	5.0	0.0	5.3	11.2	11.1	208.8		189.0	
656/541	10.6	18.0	23.5	3.5	0.0	0.0	0.0	0.0	1.6	0.0	5.5	4.0	66.7	30	97.7	44
656/582	35.0	37.4	38.2	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	118.9		114.1	
656/771	22.5	32.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.3	85.9		93.4	
657/ 36	46.0	24.7	23.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	122.9		98.9	
657/582	42.0	13.5	13.0	5.0	0.0	0.0	0.0	0.0	0.0	0.1	9.5	19.0	102.1	36	104.5	37
657/699	22.6	11.3	12.1	13.6	0.0	0.8	0.0	0.9	0.0	0.5	8.8	19.8	90.4		78.6	
694/733	0.0	9.9	3.3	7.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.2		25.8	
695/396	0.5	38.2	5.0	19.3	0.0	0.0	0.0	0.1	0.2	0.0	5.5	2.9	71.7		75.5	
695/544	3.6	66.8	38.2	8.6	1.2	0.0	0.0	0.0	0.0	0.0	26.5	6.0	150.9		127.9	
696/183	29.9	112.5	9.0	17.3	0.7	0.0	0.0	0.0	0.0	0.0	18.7	17.9	206.0		171.8	
696/492	11.1	23.1	42.5	23.5	0.0	1.5	0.0	0.0	0.0	0.0	16.1	9.3	127.1	44	116.2	40
696/504	16.3	40.0	16.3	23.3	0.0	0.0	0.0	0.0	0.0	0.2	30.6	0.0	126.7		101.8	
697/139	6.5	56.5	57.5	8.0	0.0	0.0	0.0	0.0	0.0	1.0	30.8	0.0	160.3	56	131.0	54
697/343	6.6	38.6	33.0	7.5	0.1	0.1	0.0	0.1	0.1	0.2	19.1	5.7	111.1	36	99.0	32
698/637	24.5	44.7	75.8	11.2	0.0	0.0	0.0	0.0	0.0	0.0	4.1	4.6	164.9		185.5	
698/778	20.1	39.2	10.2	14.4	0.0	0.0	0.0	0.1	0.0	2.5	21.5	2.5	110.5	47	97.4	41
699/ 32	53.5	58.7	55.0	26.8	0.0	0.0	0.0	0.0	0.0	0.1	9.1	12.8	196.0	75	209.5	80
699/ 52	20.0	37.5	36.0	10.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	10.0	116.0		121.5	
699/227	59.7	36.4	11.1	6.2	0.0	0.0	0.0	0.0	0.5	2.0	12.0	4.4	132.3		13[illegible]	
699/385	31.0	56.2	15.5	17.0	0.0	0.0	0.0	0.0	0.0	2.5	4.0	11.0	137.2		119.[illegible]	
699/546	81.8	69.5	22.0	4.0	0.0	0.0	0.0	0.0	1.5	1.9	22.0	19.0	221.7		184.7	
700/182	30.7	37.5	17.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	6.0	25.0	120.6		121.0	

R E Ë N V A L
S W A

R A I N F A L L
S W A

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	φ S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
700/500	CHAMASARIS	23°20′	18°47′	1350	83·7		42·1		0·0		12·0	
701/ 24	MONICA	2324	1901	1300	57·5		51·5		0·0		0·0	
734/773	PELICAN POINT	2253	1426	67	0·3		0·2		0·0		0·0	
734/897	WALVIS BAAI	2257	1430	3	0·4		0·3		0·2		0·0	
735/ 11	SWAKOPMUND	2241	1431	12	·–	–	1·5		0·0		0·0	
737/ 92	HOREBIS	2232	1534	750	11·5		20·9		0·0		0·3	
737/388	EMERITUS	2258	1543	1000	12·5		14·1		0·0		0·0	
737/527	DONKERHUK	2247	1548	1100	36·0		12·0		0·0		14·5	
738/435	TSAWISIS	2245	1615	1400	69·6		43·2		0·0		21·3	
738/519	ABOCHAIBIS	2239	1618	1400	96·7		·–		0·0		15·5	
738/794	AUB	2244	1627	1600	100·6		55·0		0·0		36·7	
739/356	NEUHEUSIS	2236	1643	1714	146·9		73·5		0·0		18·5	
739/661	RADCLIFFE HILL	2231	1653	1800	87·1		63·1		0·0		·–	
740/ 97	WINDHOEK AERODROME	2237	1704	1686	152·2		19·7		0·0		23·0	
740/124	WINDHOEK NORTH	2234	1705	1654	169·0		41·7		0·0		20·0	
740/124A	WINDHOEK CONVENT	2234	1705	1654	161·8		49·7		0·0		24·5	
740/124B	WINDHOEK WATERWORKS	2234	1705	1654	165·2		28·7		0·0		20·0	
740/135	KRUMHUK	2245	1705	1800	130·0		27·3		1·8		55·7	
740/154	WINDHOEK MET OFFICE	2234	1706	1728	158·5	87	59·4	44	0·0	0	24·3	65
740/185	KLEIN WINDHOEK MISSION	2235	1707	1737	160·3		77·3		0·0		27·5	
740/215	AVIS DAM	2235	1708	1750	(31·3)		69·5		0·0		35·9	
740/224	ARIS	2244	1708	1787	148·6		43·0		0·6		40·7	
740/239	BERGLAND	2259	1708	1673	70·0		40·6		0·4		35·4	
740/472	RIETFONTEIN	2252	1726	1950	85·8		23·8		0·0		26·8	
740/575	VOIGTLAND	2235	1720	1855	178·9		33·5		0·0		16·0	
740/677	BINSENHEIM	2247	1723	1850	148·3		46·1		0·1		30·3	
740/792	HOHENAU	2242	1727	1800	92·9		58·2		0·0		38·2	
740/805	LANGBEEN	2255	1727	1700	163·4		49·3		0·0		15·1	
741/ 44	TSATSACHAS	2244	1732	1700	110·7		53·0		0·0		15·1	
741/326	DORDABIS	2256	1741	1500	84·4		34·2		0·0		18·6	
741/587	KLEEPFORTE	2247	1750	1600	94·2		31·0		0·0		31·3	
742/348	DOREEN	2248	1812	1400	104·0		61·5		0·0		20·1	
742/415	OLIVE	2255	1814	1400	86·9		17·0		0·0		3·5	
743/117	STYRIA	2257	1834	1400	129·4		24·0		0·0		13·0	
743/349	CHAB	2249	1842	1450	112·0		9·2		0·0		10·6	
743/370	SCHELLENBERG	2240	1843	1450	108·5		42·0		0·0		35·0	
743/406	KUNEMUS	2246	1844	1450	(93·5)		10·5		0·0		12·3	
743/667	BOXHAGEN	2237	1853	1450	127·4		20·5		0·0		40·4	
743/738	SPATZENFELD	2248	1855	1400	73·0		36·9		0·0		26·6	
744/419	ROSENDAL	2259	1914	1300	126·8		52·6		0·0		27·4	
744/459	GAUS	2239	1916	1450	161·0		60·5		0·0		20·0	
745/431	HUMPATA	2241	1945	1200	121·7		50·6		0·0		17·4	
780/312	VERGENOEG	2212	1511	958	3·0		6·0		0·0		3·2	
781/108	DORSTRIVIER	2218	1534	1100	34·0		27·0		0·0		1·0	
781/309	ABBABIS OST	2209	1541	1500	25·6		58·8		0·0		8·5	
781/383	NUDIS	2223	1543	750	46·5		11·9		0·0		4·1	
781/552	GOAS	2212	1548	1100	60·0		33·0		0·0		0·0	
781/815	OKONGAVA OST	2205	1558	1375	63·5		71·5		0·0		14·0	
782/146	KURIKAUB NORD	2226	1605	1050	54·9		53·4		0·0		5·6	
782/232	OTJIMBINGWE	2222	1608	860	36·8	35	16·4	20	0·0	0	6·7	49
782/308	OTJOZONDU	2208	1611	1200	122·5		65·8		0·0		16·0	
782/557	LIEVENBERG	2217	1619	1150	80·3		53·7		0·0		10·5	
782/659	HUREB	2229	1622	1200	103·1		27·7		0·0		17·5	
782/704	WESTFALENHOF	2214	1624	1250	90·4		42·7		0·0		11·5	
782/873	ERORA OST	2203	1630	1500	(119·0)	(65)	21·0	17	0·0	0	·–	
783/534	GODEIS	2224	1648	1250	129·0		26·5		0·0		28·0	
783/551	FRANKENHOF	2211	1649	1300	104·2		55·3		0·0		10·0	
783/577	OKAUNDUA	2207	1650	1350	203·4		36·0		0·0		17·4	
783/703	DUSTERNBROOK	2213	1654	1560	128·5		43·5		0·0		13·0	
783/768	OTJISEVA	2218	1656	1435	161·4		66·7		0·0		17·2	
784/136	KLEIN OKAPUKA	2216	1705	1500	130·0		59·6		0·0		19·1	
784/328	HOFFNUNG	2228	1711	1918	165·1		47·2		0·4		18·3	
784/331	OVITOTO RESERVE	2201	1712	1550	210·0		21·0		0·0		33·1	
784/448	BERGVLUG	2228	1715	1800	121·9		39·5		0·0		28·2	
784/598	NEUDAM EXP FARM	2228	1720	1800	191·3		28·6		0·0		20·2	
784/630	NEUDAM AGRIC COLLEGE	2230	1721	1741	147·5		91·4		0·0		17·5	
784/720	ONDEKAREMBA	2230	1724	1727	136·8		55·0		0·1		16·6	
784/723	OTJOZONJATI	2203	1725	1600	151·0	56	75·0	44	0·0	0	25·0	60
784/826	OTJITUEZU OOS	2216	1728	1700	208·7		44·2		0·0		24·6	
785/177	SEEIS	2227	1736	1620	149·5		40·0		0·0		68·0	
785/183	OTJIKUNDUA	2203	1737	1700	182·0		88·0		0·0		18·5	
785/220	MECKLENBURG	2210	1738	1700	178·4		·–		0·0		31·7	
785/297	EXCELSIOR	2227	1740	1600	181·5		58·5		0·0		47·5	
785/490	OKAHUA	2210	1747	1600	182·5		46·7		0·0		28·8	
786/ 97	KANONSCHOOT	2207	1804	1500	139·3		(30·2)		0·0		44·2	
786/283	OMATEVA	2213	1810	1550	98·4	47	52·4	41	0·0	0	33·5	74
786/865	WITVLEI	2225	1829	1455	88·5	51	47·0	42	0·0	0	36·5	84
787/131	ONGAVA ONUEA	2211	1835	1400	204·1		44·7		0·0		78·5	
787/184	SACHSENWALD	2204	1837	1400	169·6		27·4		0·0		29·0	
787/263	NINETTE	2223	1839	1475	151·1		21·5		0·0		57·0	
787/712	KARLSRUH	2222	1854	1425	(92·1)		0·0	0	0·0	0	35·0	65
787/838	GOBABIS	2228	1858	1442	110·9		6·8		0·0		45·0	
788/382	HALMA	2222	1913	1200	133·7		14·2		0·0		47·5	
789/717	KAROLINENHOF	2227	1954	1300	223·4		60·6		0·2		33·0	
789/787	ARBEIDGENOT	2208	1957	1200	138·5		51·0		0·0		45·5	

R E Ë N V A L R A I N F A L L
S W A S W A

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR ND	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
700/500	57·8	21·4	16·6	25·5	0·0	0·0	0·0	0·0	0·0	0·0	12·0	15·2	148·5	52	131·5	46
701/ 24	12·0	33·0	39·0	12·5	0·0	0·0	0·0	0·0	0·0	0·0	0·0	20·0	116·5		113·0	
734/773	0·1	0·1	0·0	0·2	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·4		0·8	
734/897	0·4	0·0	0·0	0·3	0·0	0·2	0·0	0·0	0·0	0·0	0·0	0·7	1·6	7	1·6	7
735/ 11	0·0	0·0	0·1	1·1	0·3	0·0	0·0	0·0	0·0	0·0	0·0	1·7	3·2	18	7·4	41
737/ 92	0·0	10·5	17·9	3·0	0·0	0·0	0·0	0·0	0·0	0·0	0·3	0·0	31·7		32·4	
737/388	0·0	12·5	4·5	7·2	2·4	0·0	0·0	0·0	0·0	0·0	0·0	0·0	26·6		25·1	
737/527	22·0	6·3	4·5	7·5	0·0	0·0	0·0	0·0	0·0	0·0	14·5	0·0	54·8	31	49·0	28
738/435	17·8	44·4	20·2	22·0	1·0	0·0	0·0	0·0	0·0	0·0	21·3	1·0	127·7		115·8	
738/519	24·0	27·0	·-	·-	0·0	0·0	0·0	0·0	0·0	0·0	15·5	0·0	(66·5)		(98·7)	
738/794	41·5	59·1	31·4	23·6	0·0	0·0	0·0	0·0	0·0	0·0	36·7	23·1	215·4		155·6	
739/366	41·4	88·0	25·5	48·0	0·0	0·0	0·0	0·0	0·0	0·0	18·5	10·0	231·4	69	220·4	65
739/661	25·0	59·1	35·0	27·1	1·0	0·0	0·0	0·0	0·0	0·0	·-	5·1	(151·3)		174·7	
740/ 97	45·5	80·2	7·0	12·7	0·0	0·0	0·0	0·0	0·0	0·0	23·0	2·1	170·5		174·6	
740/124	48·2	68·3	18·9	22·5	0·3	0·0	0·0	0·0	1·5	1·5	17·0	4·0	182·2	48	224·7	59
740/124A	44·5	81·8	21·5	28·2	0·0	0·0	0·0	0·0	3·5	0·0	21·0	4·5	205·0		216·3	
740/124B	53·7	82·5	12·7	16·0	0·0	0·0	0·0	0·0	0·0	3·0	17·0	6·1	191·0		199·3	
740/135	65·4	47·3	9·0	18·3	0·0	0·0	0·0	1·8	0·0	0·5	55·2	22·7	220·2	59	163·5	43
740/154	55·6	70·1	26·8	32·3	0·3	0·0	0·0	0·0	2·4	1·2	20·7	4·0	213·4	60	223·8	63
740/185	71·2	49·8	25·3	52·0	0·0	0·0	0·0	0·0	1·5	0·0	26·0	3·3	229·1	67	243·1	71
740/215	·-	31·3	35·3	34·0	0·3	0·0	0·0	0·0	1·3	2·5	32·1	7·3	(144·1)		(100·9)	
740/224	54·2	67·9	24·3	18·7	0·0	0·0	0·0	0·6	0·0	0·4	40·3	8·0	214·4		206·1	
740/239	10·0	38·5	25·6	15·0	0·0	0·2	0·0	0·2	0·1	0·3	35·0	8·6	133·5		113·0	
740/472	15·0	54·6	14·2	9·6	0·0	0·0	0·0	0·0	0·2	0·0	26·6	5·2	125·4		113·7	
740/575	68·5	44·4	27·0	6·5	0·0	0·0	0·0	0·0	0·0	0·0	16·0	15·0	177·4	44	222·9	56
740/677	76·8	35·1	31·0	15·1	0·0	0·1	0·0	0·0	4·5	1·1	24·7	34·3	222·7		201·0	
740/792	56·7	17·7	37·9	20·2	0·1	0·0	0·0	0·0	9·0	0·2	29·0	36·3	207·1	60	161·6	47
740/805	24·5	116·4	30·8	18·5	0·0	0·0	0·0	0·0	0·0	0·0	15·1	3·0	208·3		235·0	
741/ 44	20·5	56·0	44·0	9·0	0·0	0·0	0·0	0·0	0·6	0·0	14·5	8·7	153·3		166·1	
741/326	15·2	55·7	29·6	4·6	0·0	0·0	0·0	0·0	5·0	0·0	13·6	1·0	124·7	37	126·1	37
741/587	24·4	41·6	22·0	9·0	0·0	0·0	0·0	0·0	0·0	0·7	30·6	4·2	132·5	39	132·2	39
742/348	37·0	53·0	41·5	20·0	0·0	0·0	0·0	0·0	0·0	0·1	20·0	10·5	182·1		165·5	
742/415	47·6	27·1	12·0	5·0	0·0	0·0	0·0	0·0	0·0	0·0	3·5	12·0	107·2		106·4	
743/117	47·2	36·7	24·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	13·0	16·5	137·4	39	161·4	45
743/349	31·3	55·2	5·6	3·6	0·0	0·0	0·0	0·0	0·0	0·0	10·6	14·2	120·5	37	128·2	40
743/570	32·0	64·5	17·0	25·0	0·0	0·0	0·0	0·0	0·0	2·0	33·0	6·0	179·5	54	152·2	46
743/406	(7·5)	41·0	10·5	0·0	0·0	0·0	0·0	0·0	0·0	1·1	11·2	13·5	(84·8)	27	(120·0)	38
743/667	41·2	62·5	13·0	7·4	0·1	0·0	0·0	0·0	0·2	3·6	36·6	16·5	181·1	50	178·1	49
743/738	19·3	23·7	14·8	22·1	0·0	0·0	0·0	0·0	0·6	1·4	24·6	19·7	126·2		137·4	
744/419	50·8	37·5	44·8	7·5	0·3	0·0	0·0	0·0	0·0	1·8	25·6	24·8	193·1		215·1	
744/459	69·5	67·5	40·0	20·5	0·0	0·0	0·0	0·0	0·0	4·0	16·0	23·0	240·5	71	285·0	84
745/431	56·7	28·0	43·0	6·5	1·1	0·0	0·0	0·0	0·0	0·0	17·4	37·7	190·4		192·8	
780/312	3·0	0·0	0·0	1·0	5·0	0·0	0·0	0·0	0·0	0·0	3·2	0·0	12·2		9·0	
781/108	9·0	10·0	2·0	23·0	2·0	0·0	0·0	0·0	0·0	0·0	1·0	0·0	47·0		61·0	
781/309	15·6	5·0	29·5	29·3	0·0	0·0	0·0	0·0	0·0	0·0	8·5	0·0	87·9		84·4	
781/383	3·5	34·9	1·6	9·3	1·0	0·0	0·0	0·0	0·0	0·0	4·1	0·0	54·4		58·8	
781/552	48·0	7·0	12·0	20·0	1·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	88·0		93·0	
781/815	44·0	17·5	51·5	20·0	0·0	0·0	0·0	0·0	0·0	0·0	14·0	4·6	151·6	58	135·0	51
782/146	4·6	44·7	49·0	4·4	0·0	0·0	0·0	0·0	0·0	0·0	5·6	0·2	108·5		109·8	
782/232	5·6	31·2	9·9	6·5	0·0	0·0	0·0	0·0	0·0	0·0	6·7	1·0	60·9	30	53·3	26
782/308	15·5	73·4	53·7	32·1	0·0	0·0	0·0	0·0	0·0	0·0	16·0	5·3	176·0		188·6	
782/557	30·8	26·5	29·5	24·2	0·0	0·0	0·0	0·0	0·0	0·0	10·5	0·0	121·5	48	134·0	53
782/659	47·0	53·9	13·7	14·0	0·0	0·0	0·0	0·0	0·0	0·0	17·5	17·2	163·3		130·8	
782/704	16·6	66·2	3·0	39·7	0·0	0·0	0·0	0·0	0·0	0·0	11·5	1·0	138·0	51	133·1	50
782/873	(6·5)	112·5	13·0	8·0	0·0	0·0	0·0	0·0	0·0	0·0	·-	0·0	(140·0)	(42)	(162·4)	(49)
783/534	30·5	88·5	20·5	6·0	0·0	0·0	0·0	0·0	0·0	0·0	28·0	37·0	210·5		167·5	
783/551	52·1	28·1	20·3	34·4	0·6	0·0	0·0	0·0	0·1	0·1	9·8	5·8	151·3		180·9	
783/577	114·7	57·6	17·0	19·0	0·0	0·0	0·0	0·0	0·7	0·0	16·7	4·6	230·3	72	246·2	77
783/703	42·0	78·0	33·5	10·0	0·0	0·0	0·0	0·0	0·0	0·0	13·0	26·5	203·0	60	192·0	57
783/768	67·0	84·6	36·2	30·5	0·0	0·0	0·0	0·0	0·2	0·1	16·9	14·1	249·6		256·1	
784/136	41·6	72·4	33·0	26·5	0·1	0·0	0·0	0·0	2·0	0·0	17·1	22·8	215·5		226·6	
784/328	62·9	49·8	31·7	14·5	1·0	0·0	0·0	0·4	2·2	0·5	15·6	10·1	188·7		217·6	
784/331	86·0	86·9	16·5	4·5	0·0	0·0	0·0	0·0	0·0	0·8	32·3	7·2	234·2		261·9	
784/448	50·0	33·0	34·5	5·0	0·0	0·0	0·0	0·0	6·0	0·2	22·0	8·7	159·4		173·6	
784/598	72·0	94·1	28·4	0·2	0·0	0·0	0·0	0·0	0·0	0·0	20·2	12·0	226·9	63	249·8	69
784/630	64·1	40·8	80·7	8·2	2·5	0·0	0·0	0·0	1·5	0·0	16·0	14·1	227·9		256·8	
784/720	72·8	24·7	41·9	13·0	0·1	0·1	0·0	0·0	0·2	1·0	15·4	9·9	179·1	50	216·8	61
784/723	37·0	50·0	16·0	59·0	0·0	0·0	0·0	0·0	0·0	0·0	25·0	·-	(187·0)	(39)	237·0	49
784/826	100·7	69·1	18·8	25·4	0·0	0·0	0·0	0·0	0·2	0·4	24·0	31·4	270·0		256·9	
785/177	57·5	68·5	21·0	19·0	0·0	0·0	0·0	0·0	0·0	0·0	68·0	34·0	268·0		191·5	
785/183	53·3	84·1	25·5	64·5	0·0	0·0	0·0	0·0	0·0	0·0	18·5	4·7	248·6		290·2	
785/220	99·4	79·0	·-	0·0	0·0	0·0	0·0	0·0	0·0	1·0	30·7	40·0	(250·1)		(186·9)	
785/297	81·5	46·5	25·0	13·5	0·0	0·0	0·0	0·0	0·0	0·0	47·5	45·0	259·0		229·6	
785/490	28·7	119·3	32·7	14·0	0·0	0·0	0·0	0·0	0·0	0·2	28·6	17·0	240·5	57	236·2	57
786/ 97	28·2	71·6	·-	30·2	0·0	0·0	0·0	0·0	0·0	0·0	44·2	·-	(174·2)		(182·5)	
786/283	15·7	39·5	47·0	5·2	0·2	0·0	0·0	0·0	0·0	0·1	33·4	21·9	163·0	43	156·8	41
786/865	23·5	55·5	36·5	10·5	0·0	0·0	0·0	0·0	0·0	0·0	36·5	6·5	169·0	51	135·5	41
787/131	34·5	89·5	35·3	8·4	1·0	0·0	0·0	0·0	0·0	1·5	77·0	21·2	268·4		271·0	
787/184	49·0	56·5	13·5	13·9	0·0	0·0	0·0	0·0	0·0	1·8	27·2	21·7	183·6		219·8	
787/263	36·0	83·5	21·5	0·0	0·0	0·0	0·0	0·0	0·0	0·0	57·0	28·0	226·0		172·6	
787/712	19·1	·-	0·0	0·0	0·0	0·0	0·0	0·0	0·0	2·0	33·0	87·5	(141·6)	-	(115·1)	
787/858	41·8	34·1	2·6	3·9	0·3	0·0	0·0	0·0	0·0	0·0	45·0	24·7	152·4	42	[illegible]	42
788/382	9·5	71·4	7·0	7·2	0·0	0·0	0·0	0·0	0·0	0·0	47·5	27·0	169·6		18[illegible]·5	
789/717	87·3	36·4	50·2	9·3	1·1	0·2	0·0	0·0	0·0	0·9	32·1	70·7	288·2		319·1	
789/787	50·5	60·0	51·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	45·5	41·0	248·0		222·3	

R E Ë N V A L R A I N F A L L
S W A S W A

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1959

NR/NO	STASIE / STATION	φ S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
789/798	BUITEPOS	22°18′	19°57′	1300	138·0		142·1		0·0		41·1	
822/794	CAPE CROSS	2144	1357	MSL	0·0		3·2		0·0		0·0	
825/434	KETELBANK	2144	1515	1100	9·5		24·5		0·0		3·5	
825/593	SANDAMAB - NOORD	2153	1520	1000	5·7		17·0		0·0		7·5	
825/824	KUDUBIS	2144	1528	1150	36·5		50·4		0·0		4·0	
826/149	USAKOS	2159	1535	873	9·0		11·5		0·0		2·4	
826/198	AMEIB	2148	1537	1110	62·5		85·0		0·0		7·5	
826/596	KARIBIB	2156	1550	1171	68·8		46·8		0·0		10·1	
826/885	WAG - N - BIETJIE	2145	1600	1200	105·0		11·0		0·0		21·0	
827/298	KALIOMBO	2158	1610	1300	122·4		23·0		0·0		15·6	
827/526	CLAUSTAL WEST	2146	1618	1350	171·0		43·7		0·0		17·5	
827/565	WILHELMSTAL	2155	1619	1341	156·0		23·8		0·0		--	
827/848	OTJOMBUINDJA	2138	1629	1450	154·2		48·5		0·0		22·0	
828/206	OZOMBANDA	2156	1637	1371	153·5		62·5		0·0		30·5	
828/334	HOWELL	2134	1642	1450	127·0		35·5		0·0		29·5	
828/465	OKATJIHO	2145	1646	1700	144·6		42·6		0·0		15·1	
828/655	OKAKANGO	2155	1652	1400	146·6		30·5		0·0		14·3	
828/739	OKAMITA	2149	1655	1430	188·7	79	65·1	44	0·0	0	25·3	69
828/748	OKAHANDJA	2158	1655	1337	174·0		25·3		0·0		25·6	
829/225	OTJOMBALI	2145	1708	1550	137·7		49·6		0·0		23·5	
829/290	WALDFRIEDE	2150	1710	1550	215·4		14·2		0·0		29·2	
829/365	AGAGIA	2135	1713	1550	183·0		32·0		0·0		51·7	
829/598	ASGARD	2158	1720	1550	157·2		55·2		0·0		10·5	
829/648	OTJIRUZE	2148	1722	1550	274·8		19·1		0·0		10·0	
829/855	VOORUITGAAN	2145	1729	1500	212·9		30·1		0·0		24·6	
830/238	OTJISAUNA SUID	2158	1738	1600	207·5		64·3		0·0		38·0	
830/557	WAAIHOEK	2147	1749	1550	221·1		16·1		0·0		35·1	
830/867	KORASIEPLAAS	2157	1759	1550	108·0		72·0		0·0		44·5	
831/220	NATALIA	2140	1808	1550	183·0		16·4		0·0		39·4	
831/439	STEINHAUSEN	2149	1815	1500	177·5		26·3		0·0		30·5	
831/732	ALASKA	2142	1825	1450	113·6		17·0		0·0		37·5	
832/685	OWINGI	2155	1853	1400	168·5		61·5		0·0		91·5	
833/204	HENNEP	2154	1907	1350	110·5		64·1		0·0		61·5	
833/222	EPUKIRO	2142	1908	1400	195·3		40·1		0·0		68·2	
833/753	EPUKIRO RESERVE	2133	1926	1400	209·0		76·8		0·0		32·7	
869/712	OKOMBAHE	2122	1524	945	3·5		33·5		0·0		3·0	
869/842	OMATJETTE	2102	1529	1250	35·0		52·0		0·0		2·0	
870/403	ETENDERO	2113	1544	1300	69·4	39	60·5	48	0·0	0	12·0	43
870/418	OTJOMPAUE WES	2128	1544	1150	83·5		36·8		--		--	
870/707	TJIRUNDU SUID	2117	1554	1400	142·8		42·0		0·0		18·0	
870/752	OKAMBOROMBONGO	2102	1556	1500	137·0		31·5		0·0		15·5	
870/775	OMARURU	2125	1556	1211	103·5	57	27·1	27	0·0	0	5·5	20
871/ 33	WEISSENFELS	2103	1602	1525	159·4		117·6		0·0		34·4	
871/ 41	OTJUA	2111	1602	1396	140·0		(72·0)		0·0		12·0	
871/278	EHERATENGUA	2108	1610	1500	181·0		59·5		0·0		22·5	
871/363	OMBONA	2103	1613	1500	155·6	68	116·2	89	0·0	0	15·1	29
871/411	OMBURO SUID	2121	1614	1400	179·2		73·3		0·0		0·4	
871/702	OKOSOMBUKA	2112	1624	1450	204·0		54·0		0·0		10·0	
871/736	OTJIKOKO SUD	2116	1625	1700	177·6		93·2		0·0		17·1	
872/ 32	OVIGERE	2102	1632	1550	132·5		103·4		0·0		6·9	
872/ 90	OZOMBUSAMASSE	2130	1633	1500	155·0		47·0		0·0		29·5	
872/226	RETREAT	2116	1638	1500	128·0		54·5		0·0		29·5	
872/505	FLORENCE	2125	1647	1650	126·9		6·0		0·0		19·1	
872/710	DUNROAMIN	2120	1654	1400	142·3		24·0		0·0		26·5	
872/849	WELGEVONDEN	2109	1659	1400	147·6		46·9		0·0		9·3	
873/ 93	FALMOUTH	2103	1704	1400	326·9		7·5		0·0		29·2	
873/322	OKAKUYA	2122	1711	1400	142·5		84·4		0·0		8·0	
873/397	OTJIKURURUMF	2107	1714	1400	180·8		24·9		0·0		12·3	
873/451	ONDEKAREMBA NORD	2101	1716	1400	233·5		(1·5)		0·0		0·0	
873/572	OSIRE - SUID	2102	1720	1400	214·0		50·0		0·0		10·0	
873/621	GEMSBOK	2121	1721	1400	175·7		8·9		0·0		17·4	
874/343	TROYE	2113	1742	1400	168·1		27·0		0·0		17·5	
874/396	OKATJANDAGI	2106	1744	1400	225·0		43·3		0·0		13·2	
874/600	ENGURAWAU	2130	1750	1550	189·6		48·7		0·0		29·4	
874/649	OMANTUMBA	2119	1752	1450	203·5		17·0		0·0		13·0	
874/659	HOCKFELD	2129	1752	1550	162·8		26·6		0·0		38·4	
874/765	EBENEZER	2115	1756	1579	205·6		26·1		0·0		3·2	
875/107	KALIDONA	2117	1804	1450	255·0		41·6		0·0		26·2	
875/194	ONGORUSSENGO	2114	1807	1400	284·7		39·5		0·0		31·4	
875/204	RODENBECK	2124	1807	1500	189·5		17·0		0·0		33·7	
875/883	SUMMERDOWN	2123	1830	1450	166·7		94·1		0·0		86·6	
876/ 37	OTJOSONDJOU	2107	1832	1400	146·1		76·7		0·0		62·0	
876/326	OKASONDANA	2126	1841	1400	171·4		44·2		0·0		71·5	
876/520	OKATOMBAKA	2110	1848	1350	137·0		23·4		0·0		49·1	
913/744	ROOIPOORT	2054	1455	300	8·0		12·5		0·0		0·[illegible]	
915/446	EREMUTUA	2056	1545	1250	162·7		46·5		0·0		2·5	
915/623	EREMUTUA NE	2053	1551	1250	171·4		23·5		0·0		11·5	
915/781	OTJITOROA WES	2031	1557	1250	127·0		103·0		0·0		25·0	
916/323	KALKFELD	2053	1611	1516	143·6		48·5		0·0		24·1	
916/344	NIEDERUNGSFELDE	2044	1612	1400	130·8		77·2		0·0		0·2	
916/698	ERUNDU	2038	1638	1444	260·9		85·7		0·0		23·[illegible]	
917/145	MEMORY	2055	1635	1500	184·5		123·5		0·0		8·0	
917/433	ETEKERO	2043	1645	1550	285·0		135·0		0·0		21·5	
917/442	OMUSEMA VAREI	2052	1645	1600	175·7		130·0		0·0		13·9	
917/582	HOHENFELS	2042	1650	1650	201·2	72	158·6	101	0·0	0	34·1	67

R E Ë N V A L R A I N F A L L
S W A S W A

TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR ND	JAN MM	FEB MM	MAR MM	APR MM	MAAND - MONTH MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	JAAR JAN 1959 DEC 1959 MM	PER	YEAR JUL 1958 JUN 1959 MM	PER
789/798	22.5	53.5	117.1	25.0	0.0	0.0	0.0	0.0	0.0	7.0	34.1	20.2	259.4		299.9	
822/794	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	4.4		3.5	
825/434	3.0	6.5	10.0	14.0	0.5	0.0	0.0	0.0	0.0	0.0	3.5	0.0	37.5		34.0	
825/593	2.8	2.9	8.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	30.2		22.8	
825/824	21.6	10.9	30.0	20.2	0.2	0.0	0.0	0.0	0.1	0.0	3.9	0.1	87.0	35	87.3	36
826/149	2.5	6.5	2.5	9.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	22.9	15	20.5	13
826/198	29.0	28.5	68.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	150.0		149.5	
826/596	1.8	62.0	29.8	17.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	3.0	123.7	62	115.6	58
826/885	8.0	97.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	137.0		116.0	
827/298	22.5	91.9	15.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	15.6	1.2	154.2		146.5	
827/526	32.5	131.5	36.7	7.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5	0.0	225.2		228.7	
827/565	36.7	51.8	7.5	16.3	0.0	0.0	0.0	0.0	0.0	0.0	--	0.0	(112.3)	(36)	179.8	58
827/848	64.5	81.0	31.5	17.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	18.5	234.5		245.2	
828/206	36.5	104.5	43.5	17.0	2.0	0.0	0.0	0.0	0.0	3.5	27.0	6.5	240.5		236.1	
828/334	38.5	88.5	28.5	7.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5	22.0	214.0		162.5	
828/465	48.2	80.9	37.9	2.7	2.0	0.0	0.0	0.0	0.1	2.6	12.4	0.0	186.8		197.8	
828/655	25.9	113.3	21.7	7.9	0.9	0.0	0.0	0.0	0.5	0.0	13.8	3.6	187.6	49	199.6	52
828/739	55.5	95.0	65.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.3	30.2	271.1	64	257.9	61
828/748	79.4	83.4	23.4	1.5	0.4	0.0	0.0	0.0	1.5	0.0	24.1	22.1	235.8	63	219.5	59
829/225	53.6	49.5	32.7	15.4	1.5	0.0	0.0	0.0	0.0	1.3	22.2	10.9	187.1	48	207.6	53
829/290	90.1	97.5	4.0	9.0	1.2	0.0	0.0	0.0	0.0	0.0	29.2	5.7	236.7	63	264.1	71
829/365	40.5	82.0	28.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	51.7	4.7	210.9	52	224.5	56
829/598	61.5	76.2	27.7	27.5	0.0	0.0	0.0	0.0	0.0	0.0	10.5	6.5	209.9	55	250.4	66
829/648	82.0	137.8	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	3.0	251.9		320.9	
829/885	57.2	63.8	9.0	18.6	2.5	0.0	0.0	0.0	0.0	1.8	22.8	1.7	177.4		254.5	
830/238	28.6	123.8	17.6	46.7	0.0	0.0	0.0	0.0	0.0	4.2	33.8	0.8	255.5		295.7	
830/557	99.8	59.2	8.8	6.1	1.2	0.0	0.0	0.0	0.0	0.5	34.6	13.5	223.7	54	271.1	65
830/867	19.5	58.0	26.0	46.0	0.0	0.0	0.0	0.0	5.5	0.0	39.0	21.5	215.5		184.0	
831/220	21.1	117.4	14.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	39.4	4.0	198.3		207.4	
831/439	21.1	119.7	24.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	30.5	20.0	217.6	55	208.3	52
831/732	23.6	85.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5	6.0	169.1		140.6	
832/685	47.0	59.5	54.2	7.3	0.0	0.0	0.0	0.0	0.0	1.0	90.5	39.2	298.7		248.0	
833/204	45.5	33.4	46.8	15.6	1.7	0.0	0.0	0.0	0.0	9.0	52.5	14.5	219.0		209.7	
833/222	18.5	110.3	31.6	5.0	3.5	0.0	0.0	0.0	0.0	3.0	65.2	39.4	276.5	70	255.3	65
833/753	52.9	55.4	65.7	6.1	5.0	0.0	0.0	0.0	0.0	7.8	24.9	41.0	258.8	83	333.5	96
869/712	0.5	3.0	5.5	26.5	1.5	0.0	0.0	0.0	0.0	0.0	3.0	0.0	40.0	24	37.0	22
869/842	14.5	12.5	11.5	36.0	4.5	0.0	0.0	0.0	0.0	0.0	2.0	0.0	81.0		87.4	
870/403	16.0	49.9	26.0	34.5	0.0	0.0	0.0	0.0	0.0	0.0	12.0	23.0	161.4	48	135.1	41
870/418	3.8	79.1	24.6	10.5	1.7	0.0	0.0	--	--	--	--	--	(119.7)		120.4	
870/707	17.8	125.0	23.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	6.0	208.8		263.0	
870/752	47.0	85.5	16.0	15.5	0.0	0.0	0.0	0.0	2.5	0.0	13.0	0.0	179.5		192.0	
870/775	7.0	96.5	1.1	23.0	3.0	0.0	0.0	0.0	0.0	0.0	5.5	6.0	142.1	46	144.1	46
871/ 33	43.4	106.6	58.7	48.6	10.3	0.0	0.0	0.0	0.2	0.0	34.2	1.4	303.4	77	319.2	81
871/ 41	36.0	95.0	63.0	--	9.0	0.0	0.0	0.0	0.0	0.0	12.0	5.0	(220.0)		(213.9)	
871/278	46.0	130.5	15.0	44.5	0.0	0.0	0.0	0.0	0.0	0.0	22.5	0.0	258.5	69	256.5	69
871/363	36.2	95.7	75.4	36.3	4.5	0.0	0.0	0.0	0.1	1.6	13.4	18.5	281.7	68	305.3	74
871/411	71.3	98.4	25.9	38.9	8.5	0.0	0.0	0.0	0.3	0.0	0.1	2.5	245.9	79	263.8	85
871/702	39.5	131.5	44.5	9.5	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	235.0		274.0	
871/736	87.6	63.5	58.9	28.5	5.8	0.0	0.0	0.0	0.2	0.3	16.6	19.3	280.7		289.9	
872/ 32	63.9	44.3	81.0	18.4	4.0	0.0	0.0	0.0	0.0	0.0	6.9	15.3	233.8		260.6	
872/ 90	52.5	88.5	38.0	9.0	0.0	0.0	0.0	0.0	1.5	4.0	24.0	6.0	223.5		235.0	
872/226	35.0	84.5	31.0	17.5	6.0	0.0	0.0	0.0	2.0	0.0	27.5	12.0	215.5		199.0	
872/505	43.7	47.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.1	7.2	123.9		147.4	
872/710	32.6	84.1	12.0	9.5	2.5	0.0	0.0	0.0	0.0	0.0	26.5	0.0	167.2		170.3	
872/849	68.5	56.5	22.2	24.7	0.0	0.0	0.0	0.0	0.0	0.0	9.3	19.6	200.8		201.6	
873/ 93	128.0	161.8	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.2	24.0	350.5		411.7	
873/322	10.2	122.0	17.5	66.0	0.9	0.0	0.0	0.0	0.0	1.0	7.0	11.4	236.0		240.7	
873/397	76.1	69.8	14.0	5.4	5.5	0.0	0.0	0.0	4.8	0.0	7.5	23.7	206.8	54	223.6	59
873/451	67.0	125.5	--	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	(200.5)		(248.0)	
873/572	89.0	101.5	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	3.0	253.5	66	280.0	73
873/621	33.4	80.4	6.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	17.4	1.5	141.6		221.0	
874/343	40.0	77.0	23.0	4.0	0.0	0.0	0.0	0.0	0.0	7.0	10.5	26.5	188.0		214.1	
874/396	25.2	72.2	30.0	7.3	6.0	0.0	0.0	0.0	0.0	1.1	12.1	37.6	191.5		284.9	
874/600	34.6	95.5	45.0	2.5	1.2	0.0	0.0	0.0	0.0	0.6	28.8	31.2	239.4	59	247.1	61
874/649	38.5	94.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	30.5	193.0		220.5	
874/659	30.5	91.3	25.6	0.0	0.0	0.0	0.0	0.0	0.0	3.8	34.6	19.6	206.4		197.4	
874/765	40.0	108.6	25.8	0.3	0.0	0.0	0.0	0.0	0.0	1.5	1.7	38.5	216.4		(246.2)	
875/107	78.5	99.8	33.5	5.1	3.0	0.0	0.0	0.0	0.0	1.0	25.2	42.4	288.5	63	304.6	66
875/194	80.4	149.0	37.9	1.6	0.0	0.0	0.0	0.0	0.0	4.9	26.5	34.1	334.4	71	337.3	71
875/204	31.0	119.0	9.0	6.0	2.0	0.0	0.0	0.0	0.0	0.7	33.0	57.2	257.9	57	215.5	47
875/883	59.5	69.5	53.1	41.0	0.0	0.0	0.0	0.0	0.0	5.6	81.0	17.0	326.7		301.3	
876/ 37	52.5	75.0	52.0	17.7	7.0	0.0	0.0	0.0	0.0	12.5	49.5	52.0	318.2		240.8	
876/326	63.7	71.7	28.5	12.2	3.5	0.0	0.0	0.0	0.0	1.0	70.5	23.6	274.7		261.3	
876/520	69.0	33.5	20.9	2.5	0.0	0.0	0.0	0.0	0.0	0.1	49.0	4.6	179.6	45	171.0	43
913/744	0.5	6.0	1.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	20.0		20.5	
915/446	84.5	67.2	10.5	30.5	5.5	0.0	0.0	0.0	0.0	0.0	2.5	12.0	212.7	63	211.7	63
915/623	68.8	85.3	12.0	3.6	7.9	0.0	0.0	0.0	0.0	0.0	11.5	5.0	194.1	51	(205.0)	
915/781	59.0	64.0	28.0	63.0	12.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	251.0		235.0	
916/323	19.2	99.5	11.0	30.5	7.0	0.0	0.0	0.0	0.0	0.2	23.9	0.0	191.3	46	21[illegible]	52
916/344	32.2	77.7	41.6	35.6	0.0	0.0	0.0	0.0	0.0	0.0	8.2	14.2	209.5		228.	
916/698	67.3	116.1	54.5	21.2	10.0	0.0	0.0	0.0	0.0	0.0	23.5	13.4	306.0	73	393.6	94
917/145	46.0	70.0	109.0	6.0	8.5	0.0	0.0	0.0	0.0	0.0	8.0	9.5	257.0		319.5	
917/433	81.0	135.0	122.5	6.0	6.5	0.0	0.0	0.0	0.0	0.0	21.5	15.0	387.5		449.5	
917/442	53.5	100.2	109.5	14.5	6.0	0.0	0.0	0.0	0.0	0.8	13.1	13.5	311.1		442.4	
917/582	60.3	97.0	129.7	23.4	5.5	0.0	0.0	0.0	0.0	0.0	34.1	28.6	378.6	77	408.3	84

R E Ē N V A L
S W A

R A I N F A L L
S W A

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	φ S	λ E	H M	KWARTAAL QUARTER DEC 1958 FEB 1959 MM	PER	MAR 1959 MAY 1959 MM	PER	JUN 1959 AUG 1959 MM	PER	SEP 1959 NOV 1959 MM	PER
918/128	OKOSONGOMINGO	20°38'	17°05'	1600	192·5		101·6		0·0		59·4	
918/393	WATERBERG	2033	1714	1600	(182·5)		51·5		0·0		33·1	
918/528	CORRIGENDA RANCH	2048	1718	1200	230·4		62·6		0·0		6·5	
918/785	OKAKARARA	2035	1727	1450	243·0		(31·8)		0·0		4·4	
918/800	FIEGENFELD	2050	1727	1400	286·0		62·0		0·0		6·0	
919/505	LA PALOMA	2055	1747	1400	166·5		54·7		0·0		0·0	
919/836	WESTERWISCH	2056	1758	1400	227·3		40·1		0·0		8·0	
958/512	EHOBIB	2002	1448	1000	45·7		26·6		0·0		0·0	
958/833	WELWITSCHIA	2023	1458	900	17·2		43·7		0·0		0·0	
959/ 13	FRANSFONTEIN	2013	1501	1150	56·9		52·2		0·0		3·2	
959/541	MILTIADES	2001	1519	1200	11·8		47·0		0·0		38·0	
960/172	HARMONIE	2022	1536	1150	46·5		65·9		0·0		6·0	
960/439	EENDRAG	2009	1545	1000	134·1		74·1		0·0		13·3	
960/803	KLEIN OMBURO	2023	1557	1100	118·1		123·7		0·0		25·0	
960/845	BERGVELD	2005	1559	1250	189·7		81·5		0·0		8·8	
961/247	OUTJO	2007	1609	1265	239·2	100	106·2	79	0·0	0	14·1	29
961/329	NOELLES FARM	2029	1611	1300	180·0		82·5		0·0		·–	
961/864	OWATJENNE	2024	1629	1381	196·4		63·7		0·0		27·5	
962/297	OTJIWARONGO	2027	1640	1455	273·8		170·8		0·0		56·7	
962/532	WAGNER	2022	1648	1480	250·1		52·6		0·0		41·5	
962/817	OKAPUTA	2007	1658	1457	199·9		66·5		0·0		36·0	
963/154	OMBUNGURURU	2004	1706	1500	297·3		26·8		0·0		48·9	
963/862	HOHENSEE	2022	1729	1300	260·4		68·1		0·0		42·0	
964/601	ANNENHOF	2001	1751	1400	259·0		53·0		0·0		32·0	
964/637	TOLNEL	2007	1752	1200	329·6		60·9		0·0		30·6	
964/692	OMAMBONDE OST	2002	1754	1400	256·3		(19·5)		0·0		40·8	
1001/806	PALM	1956	1358	850	40·0		11·0		0·0		4·0	
1002/763	NEULAND	1943	1426	1200	59·9		42·1		0·0		9·6	
1002/786	CONDOR	1936	1427	1100	81·0		38·7		0·0		·–	
1003/139	KATATSWA ONGUATI	1949	1435	1050	39·5		33·2		0·0		0·7	
1003/558	ONDJOU	1948	1449	1200	103·2		37·5		0·0		13·0	
1003/608	KAMANJAB	1938	1451	1200	79·0		72·5		0·0		10·7	
1003/745	PADERBORN	1955	1455	1100	57·5		77·0		0·0		5·5	
1004/ 14	URIEIS EKANGO	1944	1501	1100	46·2		69·0		0·0		·–	
1004/317	OTJITAMBI	1947	1511	1198	84·7		65·5		0·0		6·9	
1004/833	OTJEKONDO	1953	1528	1300	170·0		91·6		0·0		10·6	
1005/ 80	NAMATANGB	1950	1533	1200	155·7		135·7		0·0		5·3	
1005/160	ONDURI	1940	1536	1250	179·4		166·5		0·0		22·8	
1005/535	PROSIT	1955	1548	1250	173·4		96·5		0·0		16·8	
1005/640	OTJOVASANDU	1940	1552	1250	225·5		105·0		0·0		6·5	
1006/ 68	TZAIRIS	1938	1603	1200	228·9		63·0		0·0		3·7	
1006/136	GOANAB	1946	1605	1300	214·3		72·3		0·0		5·3	
1006/353	IMPERIAL RANCH	1953	1612	1300	204·0		·–		0·0		7·5	
1006/580	CHORAB	1940	1620	1200	(119·6)		13·0		0·0		0·6	
1007/ 89	MEYERTON	1959	1633	1400	234·6		74·0		0·0		27·7	
1007/383	NAIDAUS	1955	1643	1450	293·5		95·7		0·0		14·0	
1007/725	ARBEIDSGENOT	1935	1655	1400	381·9		83·5		0·0		44·5	
1008/290	CONRADIE	1950	1710	1450	377·6		65·6		0·0		30·5	
1008/301	GOABFORTE	1932	1711	1450	465·7		154·9		0·0		9·1	
1008/578	OTAVI	1938	1720	1420	426·5		64·4		0·0		39·7	
1008/660	UNA	2000	1722	1450	526·0		(29·8)		0·0		45·5	
1009/129	NAGEIB	1939	1735	1800	391·3		93·4		0·0		40·9	
1009/467	RIETFONTEIN	1947	1746	1500	497·7	161	89·0	59	0·0	0	23·3	28
1009/541	HARASIB	1931	1749	1700	(133·4)		·–		1·1		43·3	
1009/593	GAI KAISA	1953	1750	1400	442·7		236·9		0·0		64·1	
1009/639	AWAGOBIBTAL	1939	1752	1550	375·5		122·5		0·0		20·5	
1009/852	OTJIRUKAKU	1942	1759	1475	341·9		152·3		0·6		21·4	
1010/ 80	OKAMAHUNDJU WES	1950	1803	1350	345·8		98·2		0·3		30·5	
1010/118	GABASIS	1958	1804	1300	345·5		48·0		0·0		25·0	
1010/154	GROOTFONTEIN	1934	1806	1461	356·0		65·8		0·0		37·6	
1010/701	OKANAKASEWA	1941	1824	1250	(209·0)		99·0		0·0		58·5	
1011/130	OTJITUO	1940	1835	1215	290·8		146·0		0·0		29·8	
1011/154	VERWEG	1934	1836	1200	328·4		158·1		0·0		61·7	
1011/788	D WOESTENY	1938	1857	1100	357·2		114·0		0·0		23·5	
1049/107	ERMO	1917	1434	1600	104·7		55·3		0·0		0·5	
1051/560	WARGO	1920	1549	1200	168·5		57·8		0·0		3·2	
1051/731	OKAUKUEJO	1911	1555	1150	208·5		109·1		0·0		1·8	
1053/807	STREBEN	1927	1657	1200	322·8		65·0		0·0		12·0	
1054/231	SOAVIS	1921	1708	1200	372·6	122	76·0	55	0·0	0	22·5	31
1054/329	HUTTENHOF	1929	1711	1300	397·3		113·2		0·0		21·0	
1054/350	SISSEKAB	1920	1712	1250	343·2		64·3		0·0		29·2	
1054/715	NEUHORST	1925	1724	1375	365·4		92·5		0·2		23·2	
1054/758	PHILADELPHIA	1908	1726	1100	204·4		97·1		0·7		28·5	
1055/374	TSUMEB	1914	1743	1311	278·7	89	169·0	126	0·0	0	22·1	29
1055/447	GAUB	1927	1745	1400	359·0		160·0		0·0		34·0	
1055/809	TOGGENBURG	1929	1757	1450	292·5		99·5		0·0		49·9	
1056/598	SWARTWATER	1928	1820	1250	218·5		120·0		0·0		48·5	
1056/602	GOBIS	1902	1821	1150	220·0		141·1		0·2		27·7	
1056/697	SUS	1907	1824	1200	362·7		87·0		0·0		31·[illegible]	
1057/204	KLEIN HUIS	1924	1837	1150	244·4		110·5		0·3		55·[illegible]	
1057/616	MAROELABOOM	1916	1851	1200	276·5		109·3		0·0		27·5	
1058/ 73	FAIR CONSTANTIA	1913	1903	1000	208·9		·–		0·0		29·8	
1101/828	NAMUTONI	1848	1658	1100	319·5		68·5		0·0		22·5	
1102/161	ONGUMA	1841	1706	1100	248·0		72·0		0·0		19·5	
1102/357	ONKOHSI	1857	1712	1000	200·5		77·1		0·0		5·2	

R E Ë N V A L R A I N F A L L
S W A S W A
TOTALE REËNVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS 1 9 5 9

NR ND	JAN MM	FEB MM	MAR MM	APR MM	M A A N D - M O N T H MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	J A A R JAN 1959 DEC MM	PER	Y E A R JUL 1958 JUN 1959 MM	PER
918/128	60·7	80·4	54·6	41·0	6·0	0·0	0·0	0·0	0·0	0·0	59·4	29·0	331·1	67	315·1	63
918/393	62·0	(25·1)	30·9	20·6	0·0	0·0	0·0	0·0	0·0	3·6	29·5	26·0	(197·7)	(38)	(255·3)	(41)
918/528	54·0	96·5	33·5	29·1	0·0	0·0	0·0	0·0	0·0	1·5	5·0	0·0	219·6		299·0	
918/785	46·9	158·7	(5·0)	20·8	6·0	0·0	0·0	0·0	0·0	0·7	3·7	36·2	(278·0)	(69)	(275·4)	(68)
918/800	64·5	66·0	47·5	10·5	4·0	0·0	0·0	0·0	0·0	0·0	6·0	16·5	215·0		360·5	
919/505	10·0	33·0	54·7	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	60·0	157·7		244·2	
919/836	9·0	105·0	32·1	8·0	0·0	0·0	0·0	0·0	0·0	0·0	8·0	37·6	199·7		273·4	
958/512	8·0	34·2	4·1	16·5	6·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	68·8		77·3	
958/833	8·3	8·1	8·3	29·9	5·5	0·0	0·0	0·0	0·0	0·0	0·0	5·2	65·3		60·9	
959/ 13	9·2	43·3	16·2	25·8	10·2	0·0	0·0	0·0	0·7	0·0	2·5	0·3	108·2	39	112·6	41
959/541	2·2	9·6	16·4	30·5	0·0	0·0	0·0	0·0	0·0	0·0	38·0	0·0	96·8	32	75·2	25
960/172	16·0	25·5	42·5	22·0	1·4	0·0	0·0	0·0	0·0	0·0	6·0	2·0	115·4		117·4	
960/459	53·8	69·2	17·1	48·0	9·0	0·0	0·0	0·0	0·0	0·0	13·3	0·4	210·8		217·0	
960/803	43·0	64·5	81·7	32·0	10·0	0·0	0·0	0·0	0·0	0·0	25·0	0·0	256·2		248·8	
960/845	67·0	98·7	18·5	61·0	2·0	0·0	0·0	0·0	0·0	0·0	8·8	6·0	262·0	60	273·2	63
961/247	71·8	114·2	78·8	26·9	0·5	0·0	0·0	0·0	0·0	0·0	14·1	13·9	320·2	76	373·4	88
961/329	73·0	87·0	26·0	48·5	8·0	0·0	0·0	0·0	0·0	0·0	·–	0·0	(242·5)	(53)	278·5	61
961/864	46·2	83·3	42·0	15·2	6·5	0·0	0·0	0·0	0·0	0·0	27·5	10·5	231·2		271·1	
962/297	55·6	144·0	90·5	72·7	7·6	0·0	0·0	0·0	0·5	2·0	54·2	19·8	446·9	101	479·0	108
962/532	26·5	134·8	21·5	24·7	6·4	0·0	0·0	0·0	0·0	2·9	38·6	33·1	288·5		333·5	
962/817	24·5	147·5	37·0	29·5	0·0	0·0	0·0	0·0	0·0	8·5	27·5	31·5	306·0		304·0	
963/154	105·0	126·9	11·2	15·6	0·0	0·0	0·0	0·0	0·1	0·0	48·8	80·6	388·2		346·1	
963/862	37·7	127·6	19·8	48·3	0·0	0·0	0·0	0·0	0·0	0·4	41·6	54·1	329·5	66	333·6	67
964/601	53·5	138·5	40·0	13·0	0·0	0·0	0·0	0·0	0·0	3·0	29·0	65·0	342·0	79	327·0	76
964/637	58·0	182·7	41·3	16·1	3·5	0·0	0·0	0·0	0·0	5·5	25·1	25·9	358·1		399·5	
964/692	35·7	167·0	19·5	·–	0·0	0·0	0·0	0·0	0·0	5·1	35·7	49·7	(312·7)		(284·8)	
1001/806	19·6	20·4	0·0	4·5	6·5	0·0	0·0	0·0	0·0	0·0	4·0	0·0	55·0		53·5	
1002/763	29·9	15·5	17·1	23·0	2·0	0·0	0·0	0·0	0·1	0·0	9·5	19·0	116·1		102·7	
1002/786	8·0	40·3	4·0	34·7	0·0	0·0	0·0	0·0	0·0	0·0	·–	0·0	(87·0)		130·8	
1003/139	17·2	16·1	14·0	18·1	1·1	0·0	0·0	0·0	0·0	0·0	0·7	8·6	75·8	27	73·5	25
1003/558	38·8	47·0	3·5	34·0	0·0	0·0	0·0	0·0	0·0	0·0	13·0	4·5	140·8		159·5	
1003/608	29·5	26·0	17·0	55·5	0·0	0·0	0·0	0·0	0·5	0·0	10·2	6·5	145·2	45	151·9	47
1003/745	8·5	49·0	46·0	31·0	0·0	0·0	0·0	0·0	0·0	0·0	5·5	5·0	145·0		135·5	
1004/ 14	5·7	31·5	27·0	42·0	0·0	0·0	0·0	0·0	0·0	0·0	·–	0·0	(106·2)		115·2	
1004/317	51·6	20·5	12·0	53·5	0·0	0·0	0·0	0·0	0·0	0·5	6·4	0·0	144·5	43	177·2	53
1004/833	93·8	43·0	10·0	81·6	0·0	0·0	0·0	0·0	0·0	0·0	10·6	1·7	240·7	69	271·6	77
1008/ 80	81·6	41·7	41·9	93·3	0·5	0·0	0·0	0·0	0·0	0·0	5·3	7·3	271·6		326·9	
1005/160	89·0	76·5	41·5	125·0	0·0	0·0	0·0	0·0	0·0	0·0	22·8	9·1	363·9		395·9	
1005/535	56·7	99·1	38·5	58·0	0·0	0·0	0·0	0·0	0·0	0·0	16·8	0·0	269·1		276·2	
1005/640	121·5	50·5	18·5	84·5	2·0	0·0	0·0	0·0	0·0	2·0	4·5	0·0	283·5		359·5	
1006/ 68	76·4	79·3	12·9	49·8	0·3	0·0	0·0	0·0	0·2	0·4	3·1	9·7	232·1		346·5	
1006/136	61·0	51·3	1·4	70·9	0·0	0·0	0·0	0·0	0·0	0·0	5·3	18·2	208·1	43	321·8	67
1006/353	67·5	73·5	0·0	·–	0·0	0·0	0·0	0·0	0·0	0·0	7·5	0·0	(148·5)		(229·5)	
1006/580	·–	91·1	3·0	10·0	0·0	0·0	0·0	0·0	0·0	0·0	0·6	3·1	(107·8)		(158·6)	
1007/ 89	48·4	101·8	10·8	63·0	0·2	0·0	0·0	0·0	0·3	4·7	22·7	14·7	266·6	53	376·1	75
1007/383	72·5	189·0	56·0	38·0	1·7	0·0	0·0	0·0	0·0	3·5	10·5	27·0	398·2		421·3	
1007/725	68·5	219·5	41·5	40·0	2·0	0·0	0·0	0·0	0·0	12·0	32·5	56·0	472·0		514·3	
1008/290	59·5	156·4	48·1	16·6	0·9	0·0	0·0	0·0	0·1	4·5	25·9	46·3	358·3		473·9	
1008/301	121·6	193·2	86·7	65·8	2·4	0·0	0·0	0·0	0·0	0·1	9·0	103·2	582·0		649·6	
1008/578	56·3	269·9	37·9	26·5	0·0	0·0	0·0	0·0	0·0	2·0	37·7	55·2	485·5	90	512·0	95
1008/660	159·0	241·2	(4·8)	22·9	2·1	0·0	0·0	0·0	0·0	8·0	37·5	20·2	(495·7)		(573·2)	
1009/129	90·1	185·4	48·7	40·5	4·2	0·0	0·0	0·0	0·0	14·7	26·2	51·7	461·5	79	571·9	98
1009/467	178·7	203·5	63·0	20·0	6·0	0·0	0·0	0·0	0·0	3·8	19·5	31·4	525·9	96	627·7	115
1009/541	70·4	63·0	·–	·–	0·0	0·0	1·1	0·0	0·2	3·9	39·2	67·9	(245·7)		(175·2)	
1009/593	159·3	128·9	229·1	6·8	1·0	0·0	0·0	0·0	0·0	15·3	48·8	67·3	656·5	139	732·5	156
1009/639	99·5	169·5	57·0	62·0	3·5	0·0	0·0	0·0	0·0	0·0	20·5	114·5	526·5	100	611·5	116
1009/852	92·3	139·0	100·7	47·1	4·5	0·0	0·6	0·0	0·0	3·1	18·3	92·1	497·7	90	545·6	99
1010/ 80	143·0	109·8	45·5	49·5	3·2	0·0	0·3	0·0	0·1	9·2	21·2	63·3	445·1		505·0	
1010/118	87·0	151·0	21·0	27·0	0·0	0·0	0·0	0·0	0·0	9·0	16·0	71·0	382·0		410·2	
1010/154	108·6	147·8	36·1	25·7	4·0	0·0	0·0	0·0	0·7	3·1	33·8	74·3	434·1	82	477·3	90
1010/701	(37·0)	128·0	59·0	40·0	0·0	0·0	0·0	0·0	0·0	2·3	56·2	46·0	(368·5)		(370·5)	
1011/130	104·8	122·5	100·0	41·0	5·0	0·0	0·0	0·0	0·0	2·3	27·5	79·0	482·1	105	530·9	116
1011/154	108·5	147·5	108·5	42·6	7·0	0·0	0·0	0·0	0·0	1·2	60·5	58·5	534·3		593·5	
1011/788	95·5	168·7	71·0	36·0	7·0	0·0	0·0	0·0	0·0	0·0	23·5	16·5	418·2		524·7	
1049/107	52·2	18·0	15·8	39·5	0·0	0·0	0·0	0·0	0·0	0·0	0·5	3·6	129·6		167·2	
1051/560	61·1	55·7	14·6	42·2	1·0	0·0	0·0	0·0	0·1	0·1	3·0	9·3	187·1		239·0	
1051/731	94·5	31·0	48·0	60·1	1·0	0·0	0·0	0·0	0·0	0·0	1·8	12·3	248·7	55	379·3	84
1053/807	58·7	133·0	38·5	23·5	3·0	0·0	0·0	0·0	0·0	4·0	8·0	57·6	326·3		432·3	
1054/231	92·0	145·6	57·1	10·4	8·5	0·0	0·0	0·0	0·1	0·6	21·8	43·8	379·9	74	491·1	95
1054/329	137·9	140·0	64·0	44·2	5·0	0·0	0·0	0·0	0·0	3·0	18·0	109·7	521·8		540·7	
1054/350	77·9	121·9	33·8	23·0	7·5	0·0	0·0	0·0	0·0	7·7	21·5	28·2	321·5	63	473·5	93
1054/715	135·4	94·0	79·0	13·5	0·0	0·0	0·2	0·0	0·0	2·0	21·2	55·7	401·0		517·4	
1054/758	53·8	73·6	71·1	26·0	0·0	0·0	0·7	0·0	0·0	0·0	28·5	66·3	320·0		356·9	
1055/374	52·8	139·2	63·4	102·3	3·3	0·0	0·0	0·0	0·0	6·6	15·5	102·3	485·4	93	541·3	103
1055/447	92·5	134·0	111·0	45·5	3·5	0·0	0·0	0·0	0·0	6·0	28·0	90·8	511·3	90	606·5	107
1055/809	83·0	141·0	58·5	36·0	5·0	0·0	0·0	0·0	0·0	1·9	48·0	133·5	506·9		502·9	
1056/598	44·5	116·5	83·0	25·5	11·5	0·0	0·0	0·0	0·0	0·0	48·5	121·0	450·5		423·0	
1056/602	86·7	60·7	55·3	76·3	9·5	0·0	0·2	0·0	0·1	0·1	27·5	48·7	365·1		(441·5)	
1056/697	58·5	215·5	57·5	19·5	10·0	0·0	0·0	0·0	0·0	2·0	29·0	57·6	449·6		511·2	
1057/204	73·4	79·0	87·8	15·2	7·5	0·0	0·3	0·0	0·1	1·1	54·3	85·5	404·2		(41[illegible]·5)	
1057/616	121·0	59·8	69·2	32·1	8·0	0·0	0·0	0·0	0·0	3·0	24·5	119·8	437·4	127	439·[illegible]	28
1058/ 73	50·1	76·8	·–	·–	0·0	0·0	0·0	0·0	0·0	3·0	26·8	32·6	(189·3)		(248·4)	
1101/828	67·0	145·5	24·0	44·5	0·0	0·0	0·0	0·0	0·0	0·0	22·5	46·2	349·7	81	404·0	94
1102/161	68·5	74·0	25·0	47·0	0·0	0·0	0·0	0·0	0·0	0·0	19·5	54·7	288·7		375·2	
1102/357	15·0	101·5	64·1	13·0	0·0	0·0	0·0	0·0	0·0	0·0	5·2	36·8	235·6		304·1	

R E E N V A L R A I N F A L L
S W A S W A

KWARTAAL TOTALE IN MILLIMETERS EN PERSENTASIES VAN NORMALE
QUARTERLY TOTALS IN MILLIMETRES AND PERCENTAGES OF NORMALS 1 9 5 9

NR/NO	STASIE / STATION	ø S	λ E	H M	KWARTAAL QUARTER DEC FEB 1958 1959 MM	PER	MAR MAY 1959 1959 MM	PER	JUN AUG 1959 1959 MM	PER	SEP NOV 1959 1959 MM	PER
1102/402	GRENZLAND	18°42′	17°14′	1100	255·7		79·2		0·2		12·0	
1103/797	TSINTSABIS	1847	1757	1100	257·7		120·4		0·0		9·4	
1104/202	CHOANTSAS	1852	1807	1450	149·5		112·3		0·0		15·5	
1104/480	FAIRVIEW	1900	1816	1100	208·7		125·1		0·0		31·1	
1145/573	OHOPOHO	1803	1350	1154	86·8		57·7		0·0		4·4	
1159/211	NJANGANA	1801	2038	1075	352·3		212·0		0·0		37·8	
1160/814	ANDARA	1804	2128	1100	314·2	84	121·6	96	0·0	0	57·4	82
1198/675	TSHANDI	1745	1453	1000	249·9		32·2		0·0		5·4	
1199/ 1	OMBALANTU	1731	1501	1000	222·6		36·2		0·0		4·0	
1199/143	REHOBOTH	1753	1505	1030	200·5		15·7		0·0		18·1	
1199/820	OSHIKUKU	1740	1528	1050	132·8		50·1		0·0		13·7	
1199/853	ELIM	1743	1529	1030	163·6		43·3		0·0		14·0	
1200/375	OKATANA	1745	1543	1050	187·8		78·7		0·0		13·6	
1200/498	ONGUEDIVA	1748	1547	1050	218·2		94·6		0·0		18·2	
1200/866	ONDANGUA	1756	1559	1095	264·2	87	91·5	63	0·0	0	6·8	11
1201/ 29	OLUKONDA	1759	1601	1110	210·3		55·0		0·0		7·8	
1201/109	OSHIGAMBO	1749	1604	1100	174·7		72·7		0·0		21·9	
1201/147	ONJIPA	1757	1605	1100	259·4		36·1		0·0		13·0	
1201/328	ONAJENA	1758	1611	1100	326·4		61·5		0·0		19·7	
1206/187	KURING KURU	1737	1837	1110	(58·0)		(29·9)		0·0	0	66·4	88
1206/496	TONDORO	1746	1847	1100	315·1		180·3		0·0		48·5	
1207/141	LUPALA	1751	1905	1100	298·2		195·2		0·0		33·8	
1207/621	SAMBUSU	1751	1921	1050	344·3		231·0		0·0		45·5	
1208/475	RUNTU	1755	1946	1102	385·8		210·8		0·0		52·0	
1209/ 54	SAMBIU	1754	2002	1100	422·8		251·3		0·0		102·5	
1252/657	ENGELA	1727	1552	1130	242·0		175·0		0·0		38·3	
1252/774	ODIBO	1724	1556	1130	232·3		(43·5)		0·0		31·5	
1253/599	ENANA	1729	1620	1100	265·5		131·1		2·0		47·9	
1269/510	KATIMO MULILO	1730	2417	950	401·0		82·7		0·0		21·6	

R E E N V A L R A I N F A L L
S W A S W A

TOTALE REENVAL IN MILLIMETERS EN JAARPERSENTASIES VAN NORMALE
TOTAL RAINFALL IN MILLIMETRES AND YEAR-PERCENTAGES OF NORMALS

1 9 5 9

NR NO	JAN MM	FEB MM	MAR MM	APR MM	M A A N D - M O N T H MAY MM	JUN MM	JUL MM	AUG MM	SEP MM	OCT MM	NOV MM	DEC MM	J A A R JAN 1959 DEC 1959 MM	PER	Y E A R JUL 1958 JUN 1959 MM	PER
1102/402	41.0	77.1	34.1	39.6	5.5	0.0	0.2	0.0	0.0	3.0	9.0	75.5	285.0		398.7	
1103/797	97.9	98.0	40.0	60.9	19.5	0.0	0.0	0.0	0.0	3.5	5.9	101.5	427.2	80	439.2	82
1104/202	64.5	48.3	76.5	23.0	12.8	0.0	0.0	0.0	0.2	6.4	8.9	58.1	298.7		321.3	
1104/480	22.0	102.5	82.1	35.0	8.0	0.0	0.0	0.0	2.0	6.0	23.1	48.6	329.3	72	(405.3)	
1145/573	20.5	46.8	16.9	40.8	0.0	0.0	0.0	0.0	0.0	0.4	4.0	0.0	129.4		199.6	
1159/211	133.3	80.0	193.5	13.0	5.5	0.0	0.0	0.0	0.0	2.3	35.5	46.5	509.6	90	629.1	111
1160/814	140.5	97.2	119.6	2.0	0.0	0.0	0.0	0.0	0.0	2.9	54.5	95.4	512.1	90	534.7	94
1198/675	74.7	112.0	8.0	24.2	0.0	0.0	0.0	0.0	0.0	0.3	5.1	70.0	294.3	73	326.9	81
1199/ 1	38.0	84.4	7.5	26.2	2.5	0.0	0.0	0.0	0.0	0.0	4.0	79.2	241.8	48	329.5	63
1199/143	110.5	32.0	6.5	7.7	1.5	0.0	0.0	0.0	0.0	0.0	18.1	14.7	191.0		241.2	
1199/820	46.5	24.8	5.1	23.5	1.5	0.0	0.0	0.0	0.0	0.4	13.3	18.5	133.6		185.9	
1199/853	112.3	21.3	24.5	15.5	3.3	0.0	0.0	0.0	0.0	0.0	14.0	25.0	215.9		209.5	
1200/375	91.8	26.2	31.4	46.2	1.1	0.0	0.0	0.0	0.0	0.0	13.6	52.2	262.5		292.6	
1200/498	117.0	40.2	16.9	72.7	5.0	0.0	0.0	0.0	0.0	0.7	17.5	71.7	341.7		352.4	
1200/866	35.3	118.5	43.8	46.7	1.0	0.0	0.0	0.0	0.0	0.7	6.1	85.5	337.6	66	385.4	75
1201/ 29	30.3	119.2	15.6	39.4	0.0	0.0	0.0	0.0	0.0	0.0	7.8	49.5	261.8	55	341.8	72
1201/109	51.3	57.1	20.3	35.3	17.1	0.0	0.0	0.0	0.0	0.0	21.9	95.1	298.1	61	270.0	55
1201/147	44.4	127.0	1.8	34.3	0.0	0.0	0.0	0.0	0.0	5.5	7.5	70.0	290.5	62	361.5	78
1201/328	74.7	90.2	14.4	42.2	4.9	0.0	0.0	0.0	0.0	0.0	19.7	54.6	300.7	65	418.4	90
1206/187	.-	.-	.-	20.9	9.0	0.0	0.0	0.0	5.1	11.1	50.2	73.0	(169.3)		(231.7)	
1206/496	111.1	36.0	99.1	70.6	10.6	0.0	0.0	0.0	0.0	12.0	36.5	80.5	456.4		614.4	
1207/141	55.3	56.3	175.8	18.5	0.9	0.0	0.0	0.0	0.0	9.5	24.3	60.0	400.6		559.4	
1207/621	58.6	99.2	231.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	19.5	95.5	529.8		595.3	
1208/475	85.9	156.0	191.0	18.0	1.8	0.0	0.0	0.0	0.0	11.8	40.2	62.0	566.7		683.1	
1209/ 54	159.0	70.0	234.3	17.0	0.0	0.0	0.0	0.0	0.0	2.0	100.5	79.0	661.8		(674.1)	
1252/657	43.0	94.0	48.0	121.0	6.0	0.0	0.0	0.0	0.0	2.1	36.2	142.8	493.1		482.8	
1252/774	70.3	80.5	(6.9)	36.6	0.0	0.0	0.0	0.0	0.0	0.0	31.5	128.1	(353.9)	(64)	(312.4)	(57)
1253/599	84.5	83.0	70.0	52.5	8.6	0.0	2.0	0.0	1.0	2.6	44.3	102.1	450.6		432.6	
1269/510	205.5	69.0	70.0	3.7	9.0	0.0	0.0	0.0	0.0	0.0	21.6	197.3	576.1	85	600.7	89

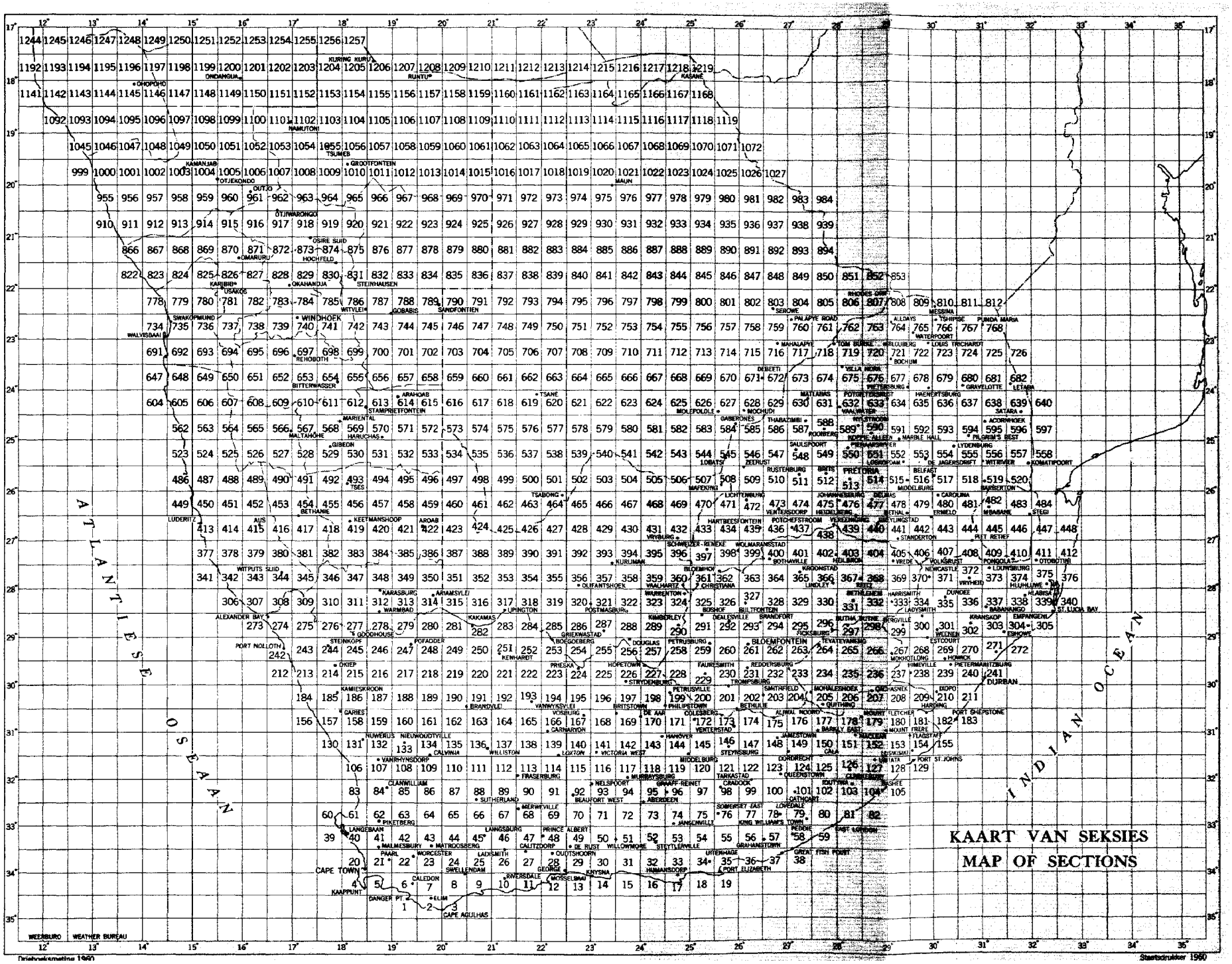
DRIE-UURLIKSE MAANDELIKSE BEDRAE VAN REENVAL EN MEWELNEERSLAG (mm) IN 1959
THREE-HOURLY MONTHLY AMOUNTS OF RAINFALL AND FOG-PRECIPITATION (mm) IN 1959

NO.20/719C TABLE MOUNTAIN HOUSE; Ø = 33°59'S; λ = 18°24'E; H = 761 M.

1959 Maand Month		00/03	03/06	06/09	09/12	12/15	15/18	18/21	21/24	Totaal Total mm	Tydsduur Duration ure/hours	Intensiteit Intensity mm/uur;mm/h
Jan	reën/rain	1	2	12	11	10	5	3	2	46	31	1.5
	newel/fog	29	14	24	12	19	19	15	30	162	70	2.3
Feb	reën/rain	0	2	12	4	4	3	0	0	25	14	1.8
	newel/fog	21	19	30	9	6	7	27	21	140	80	1.8
Mar	reën/rain	33	28	5	9	13	9	5	8	110	42	2.6
	newel/fog	8	32	55	51	31	40	20	7	244	100	2.4
Apr	reën/rain	20	20	43	31	51	37	28	15	245	140	1.8
	newel/fog	37	65	58	47	37	14	22	18	298	122	2.4
May	reën/rain	73	59	106	76	33	75	35	52	509	216	2.4
	newel/fog	40	54	50	43	35	29	32	33	316	195	1.7
Jun	reën/rain	8	9	4	13	11	5	11	4	65	39	1.7
	newel/fog	18	15	15	9	6	6	15	5	89	45	2.0
Jul	reën/rain	9	18	21	9	7	2	6	3	75	43	1.7
	newel/fog	16	24	34	35	12	8	12	16	157	85	1.8
Aug	reën/rain	20	44	26	19	23	21	16	12	181	90	2.0
	newel/fog	35	35	36	31	45	41	25	26	274	134	2.0
Sep	reën/rain	8	16	22	11	10	26	17	4	114	52	2.2
	newel/fog	19	7	6	12	18	6	25	8	101	40	2.5
Oct	reën/rain	20	32	23	6	0	6	2	1	90	33	2.7
	newel/fog	41	43	48	19	5	7	6	24	193	73	2.6
Nov	reën/rain	2	5	5	0	0	0	0	1	13	11	1.2
	newel/fog	24	28	29	13	5	2	15	24	140	91	1.5
Dec	reën/rain	7	11	12	2	2	2	8	9	53	36	1.5
	newel/fog	23	21	23	18	13	19	33	33	183	114	1.6
J/Y	reën/rain	201	246	291	191	164	191	131	111	1526	747	2.0
	newel/fog	311	357	408	299	232	198	247	245	2297	1149	2.0

NO.20/778 MCLEAR'S BEACON; Ø = 33°58'S; λ = 18°26'E; H = 1060 M.

1959 Maand Month		00/03	03/06	06/09	09/12	12/15	15/18	18/21	21/24	Totaal Total mm	Tydsduur Duration ure/hours	Intensiteit Intensity mm/uur;mm/h
Jan	reën/rain	11	5	7	14	17	3	10	1	68	38	1.8
	newel/fog	53	52	77	56	34	36	36	44	388	165	2.4
Feb	reën/rain	0	2	11	6	5	2	0	0	26	14	1.9
	newel/fog	51	33	50	54	55	17	23	8	291	123	2.4
Mar	reën/rain	34	26	5	16	4	10	11	16	122	38	3.2
	newel/fog	33	45	67	84	75	62	38	22	426	151	2.8
Apr	reën/rain	32	28	31	41	51	31	34	25	273	131	2.1
	newel/fog	44	55	89	58	48	28	44	41	407	154	2.5
May	reën/rain	90	96	120	76	96	73	44	51	646	270	2.4
	newel/fog	86	110	119	93	72	71	65	65	681	367	1.9
Jun	reën/rain	14	14	7	10	9	4	3	3	64	43	1.5
	newel/fog	39	40	29	30	15	20	29	28	230	110	2.1
Jul	reën/rain	8	15	21	13	11	5	2	5	80	42	1.9
	newel/fog	63	73	77	62	40	27	37	51	430	200	2.2
Aug	reën/rain	23	48	30	28	35	31	16	12	223	96	2.3
	newel/fog	52	45	64	51	65	64	57	43	441	205	2.2
Sep	reën/rain	46	16	6	8	12	26	17	11	142	46	3.1
	newel/fog	29	42	34	26	5	23	42	44	245	85	2.9
Oct	reën/rain	23	29	24	5	3	8	3	3	98	36	2.7
	newel/fog	84	94	87	37	35	43	80	57	517	183	2.8
Nov	reën/rain	5	5	4	2	0	0	0	1	17	12	1.4
	newel/fog	37	36	37	28	15	10	34	45	242	162	1.5
Dec	reën/rain	9	6	3	4	7	9	9	11	58	40	1.5
	newel/fog	56	56	60	42	39	45	66	64	428	226	1.9
J/Y	reën/rain	295	290	269	223	250	202	149	139	1817	796	2.3
	newel/fog	627	681	790	621	498	446	551	512	4726	2141	2.2


KAART VAN SEKSIES
MAP OF SECTIONS
ATLANTIESE OSEAAN
INDIAN OCEAN
WEERBURO WEATHER BUREAU
Drietoekomsting 1960
Staatsdrukker 1960