DEPARTEMENT VAN VERVOER.

WEERBURO

JAARVERSLAG 1946

VIR

SUID-WES-AFRIKA

UNIE VAN SUID AFRIKA  UNION OF SOUTH AFRICA.

DEPARTMENT OF TRANSPORT

WEATHER BUREAU

ANNUAL REPORT 1946

FOR

SOUTH WEST AFRICA

PRYS. 1/- PRICE.

PRETORIA W.B. 9/49—400

National Oceanic and Atmospheric Administration

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December 20, 2000

VOORWOORD.

Na die eerste wêreld-oorlog is die weerdiens van Suidwes-Afrika, wat voorheen onder beheer van die Deutsche Seewarte gestaan het, deur die Administrasie van die mandaatgebied oorgeneem. Sedert 1 Desember 1939 is dit by die Weerburo van die Unie van Suid-Afrika ingelyf; dog as gevolg van die ontwrigting deur die tweede wêreld-oorlog het die publikasie van weerkundige gegewens sinds 1941 agterweë gebly. Nou het dit egter moontlik geword om weer met publikasie 'n aanvang te maak, en die onderhawige jaarverslag bevat opsommings van weerkundige waarnemings wat by al die weerstasies van Suidwes-Afrika gedurende 1948 gedoen is. Dergelike opsommings vir die jare 1941 tot 1947 is tans in voorbereiding en sal mettertyd beskikbaar gestel word.

Die voorneme bestaan om eersdaags 'n bibliografie van die weerkunde van Suidelike Afrika uit te gee, en daarin verskyn 'n min of meer volledige lys van al die publikasies waarin statistiese gegewens vir die gebied gevind kan word. Die belangrikste bronne is die „Deutsche überseeische meteorologische Beobachtungen" vir die jare 1885 tot 1912, „Arbeiten der Farmwirtschafts-Gesellschaft für Südwest-Afrika" wat reënval-gegewens vir die jare 1908 tot 1920 bevat, en „Precipitation in the rainy season", 'n Reeks wat van Julie 1921 tot Junie 1941 strek.

Daar word terdeë besef dat die omvang van die gegewens wat hier aangebied word heeltemal ontoereikend is vir so'n uitgestrekte gebied soos Suidwes, en alle pogings word tans aangewens om die netwerk van stasies so veel as moontlik uit te brei.

T. Schumann.
DIREKTEUR.

FOREWORD.

After the first world war the meteorological service of South-West Africa, which had previously been controlled by the Deutsche Seewarte, was placed in charge of the Administration of the mandated territory. On December 1st, 1939 it was amalgamated with the Weather Bureau of the Union of South Africa; but due to the unsettled conditions during and after the second world war the publication of meteorological data came to an end in 1941. However, it has now become possible to resume publication, and the present annual report contains summaries of meteorological observations taken during 1948 at all weather stations in South-West Africa. Similar summaries for the years 1941 to 1947 are at present being prepared and will be published in due course.

It is contemplated to publish a meteorological bibliography for Southern Africa in the near future, and therein will be found a fairly complete list of all publications containing statistical data for the territory. Amongst these the most important are "Deutsche überseeische meteorologische Beobachtungen" for the years 1885 to 1912, "Arbeiten der Farmwirtschafts-Gesellschaft für Südwest-Afrika" containing rainfall statistics from 1908 to 1920, and "Precipitation in the rainy season", a series extending from July 1921 to June 1941.

One is fully aware of the fact that the scope of the data presented here is totally inadequate for a huge territory such as South-West, and no effort is being spared in an attempt to extend the network of stations as far as possible.

T. Schumann.
DIRECTOR.

I N H O U D.

C O N T E N T S.

I N L E I D I N G.

Die tabelle van hierdie verslag is op dieselfde lees geskoei as die van die jaarverslae soos uitgegee deur die Weerburo te Pretoria.

Die weerstasies word in drie hoofgroepe gerangskik, naamlik:-

(1) Eerste en tweede orde stasies, waar tenminste tweekeer per dag, d.w.s. om 8.30 v.m. (0830) en om 3 n.m. (1500) S.A. Standaard Tyd, waarnemings gedoen word. S.A.S. Tyd is 2 uur voor gemiddelde Greenwich-tyd.

(2) Derde orde stasies waar waarnemings net eenkeer per dag, om 8.30 v.m. uitgevoer word.

(3) Reënvalstasies waar die meting van die neerslag eenkeer per dag (om 8.30 v.m.) onderneem word.

Die onderskeie tabelle is in die volgende orde gerangskik:-

(i) Klimatologiese opsommings ten opsigte van 8 eerste en tweede orde stasies.

(ii) Klimatologiese opsommings van 3 derde orde stasies.

(iii) Uurlikse gemiddeldes van lugtemperatuur vir elke maand by 1 stasie.

(iv) Uurlikse gemiddeldes van relatiewe vogtigheid vir elke maand by 1 stasie.

(v) Uurlikse gemiddeldes van lugdruk vir elke maand by 2 stasies.

(vi) Reënval en aantal reëndae vir elke maand, vir die kalenderjaar en vir die reënjaar 1945/46 by 169 stasies.

Die lugdrukwaardes is ten volle gekorrigeer tot die 100 gdm.-vlak wat naaste aan die stasiehoogte lê, en die ooreenkomstige vlak verskyn bo-aan die betrokke tabel as volg: Pm by ____ gdm.

By al die klimatologiese stasies word die temperatuur in 'n Stevensonse skerm gemeet. Die skerm huisves 'n maksimum- en minimum termometer en 'n droog- en natbol-psigrometer. Die droëbol-termometer is so aangebring dat sy bol 4 vt. bo die grondvlak is. By sekere stasies was ou S.W.A. skerms egter nog in gebruik waarin die termometers 7 voet 6 duim bo die grond-oppervlakte blootgestel was. Gemiddelde waardes vir die natbol-termometer word slegs vir eerste en tweede orde stasies gepubliseer.

Die windfrekwensies, wat in die tabelle vir eerste en tweede orde stasies verskyn, verteenwoordig die totale frekwensie van windrigtings wat om 8.30 v.m. en 3 n.m. waargeneem is.

Uurlikse waardes van temperatuur en relatiewe vogtigheid wat op bladsye 7 en 8 verskyn, is verkry uit die grafieke van Friez termohigrografwe wat in Stevensonse skerms op 'n hoogte van omtrent 4 voet opgestel is. Uurlikse waardes van lugdruk (bladsy 9) is verkry van Short en Mason mikrobarografwe.

Stasienommers vir klimatologiese stasies in Suidwes-Afrika is ooreenkomstig die volgende skema vasgestel:- Die gebied is vireers in kwartgraad seksies verdeel soos op die seksiekaart, bladsy 10, aangedui. Die seksies is van links na regs genommer en vorm 'n eenvormige nommer-sisteem met die res van Suid-Afrika. Tweedens maak een-minuut-intervalle van lengte en breedtegraad-lyne 900 kruispunte binne elke seksie, en hierdie kruispunte wat met toenemende lengtegraad genommer word, is almal eventuele stasienommers. In sy geheel is 'n stasienommer dus tweeledig, d.w.s. die eerste deel het betrekking op die seksienommer en die tweede op sy posisie binne die seksie.

Die ou reënmeters van 113 mm. deursnee wat in Suidwes-Afrika in gebruik was, word geleidelik met standaard 5 duim reënmeters, soos die van die Unie, vervang. Hierdie meters word op staanders gemonteer sodat hulle boonste rand 4 voet bo die grondvlak is. Verdamping van reënwater uit die meter word beperk deur die nou bek van die opvangemmertjie en deur die feit dat laasgenoemde heeltemal binne die voetstuk van die meter ingesluit is. Reënvalhoeveelhede van stasies wat nog in millimeters meet, is na duime herlei.

Die reënvalkaart op bladsy 1 vertoon die distribusie van die totale reën vir die reënjaar van 1/7/45 tot 30/6/46. Die normale jaarlikse reënval (in rooi aangedui) is uit Zelle se normaalkaart vir die 35 jaar, 1901 tot 1936, afgelei.

Die volgende is 'n lys van simbole wat in die tabelle van hierdie publikasie gebruik word:-

ϕ	Breedtegraad.
λ	Lengtegraad.
H	Hoogte van stasie bo seespieël.
h_t	Hoogte van droëboltermometer bo die grondvlak.
h_r	Hoogte van reënmeterrand bo die grondvlak.
Σ	Som (totale hoeveelheid neerslag).
–	Geen waarnemings, of geen betroubare waarnemings.
( )	Syfers in hakies is bereken uit 'n ontoereikende aantal daaglikse waarnemings.

Die hoogtes van weerstasies in Suidwes-Afrika is van Spoorweg-gegewens en van Heidke se verhandeling „Die Niederschlagsverhältnisse Süd West Afrikas" verkry.

I N T R O D U C T I O N.

In its tabular matter this report is similar to the Annual meteorological reports of the Union issued by the Weather Bureau, Pretoria.

The meteorological stations are classified in three main groups, namely:-

(1) First and second order stations where observations are made at least twice daily, i.e. at the main observation hours 8.30 a.m. (0830) and 3 p.m. (1500) S.A. Standard Time which is 2 hours ahead of G.M.T.

(2) Third order stations where observations are carried out at 8.30 a.m. only.

(3) Rainfall stations where rainfall measurements are undertaken once daily, (8.30).

The various tables are arranged in the following order:-

(i) Climatological summaries for 8 first and second order stations.

(ii) Climatological summaries for 3 third order stations.

(iii) Hourly means of air temperature for each month at 1 station.

(iv) Hourly means of relative humidity for each month at 1 station.

(v) Hourly means of pressure for each month at 2 stations.

(vi) Monthly, annual and seasonal amounts of precipitation and number of rainfall days at 169 stations.

Pressure values are fully corrected and refer to the 100 gdm. level nearest to the station height, and the appropriate level appears at the head of the respective table, thus: Pm at ____ gdm.

At all climatological stations temperatures are measured in a Stevenson screen housing a maximum and minimum thermometer and a dry and wet bulb psychrometer. The height of the dry-bulb thermometer is 4 ft. above ground level. At certain stations however old S.W.A. screens were still used, in which thermometers were exposed 7 feet 6 inches above the ground. Means of wet-bulb thermometer readings are only published for 1st and 2nd order stations.

Wind frequencies given in the tables for 1st and 2nd order stations represent the total frequency of wind directions observed at 8.30 a.m. and 3 p.m.

Hourly values of temperature and relative humidity given on pages 7 and 8 are obtained from the traces of Friez thermohygrographs which are exposed in Stevenson screens at a height of about 4 ft. above the ground. Hourly values of pressure (page 9) are derived from Short and Mason microbarographs.

The climatological stations in South West Africa are numbered according to the following scheme:- The territory is in the first instance divided into quarter-degree squares as shown on the section map (page 10). The sections are numbered from left to right and form a continuous number system with the rest of South Africa. Secondly each section has 900 intersections of one-minute intervals of latitude and longitude which, being numbered in progressive longitudinal order, are all potential station numbers. Thus a station number in full consists of two parts, the first referring to the section and the second to its position within the section.

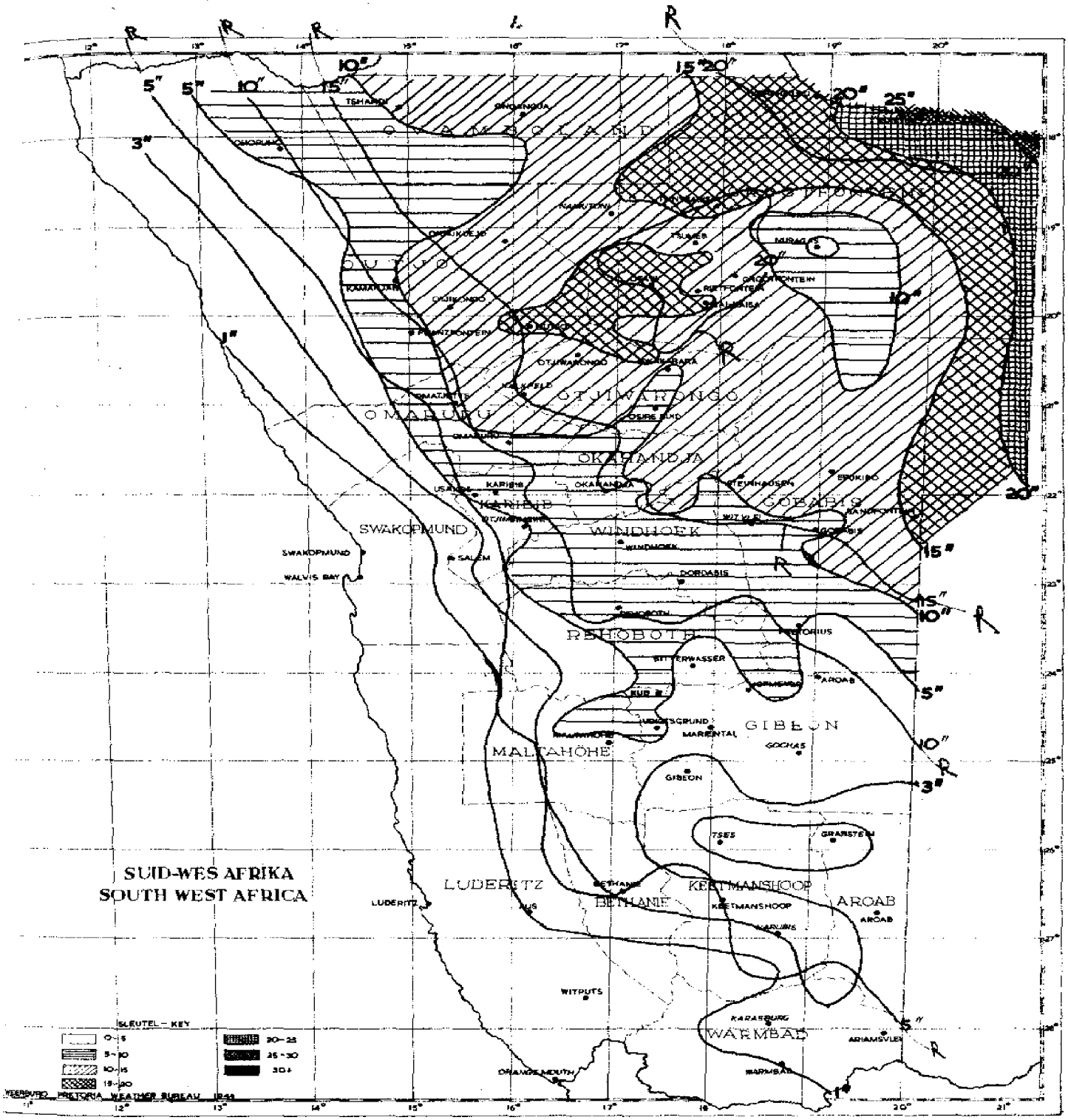
The old raingauges of 113 mm. diameter that are still being used in South-West Africa are gradually being replaced by standard 5 inch gauges as used in the Union. These are mounted on stands so that their rims are 4 ft. above the ground. Evaporation from the standard gauges is reduced by having a small orifice to the collecting bucket and by enclosing it completely inside the outer stand of the gauge. Rainfall amounts from stations still recording in millimetres have been reduced to inches.

The rainfall map on page 1 shows the distribution of rainfall for the season 1/7/45 to 30/6/46. The normal annual isohyets (shown in red) are adapted from Zelle's map of normal isohyets for the 35 year period 1901 to 1936.

The following is a list of symbols used in the tables of this publication:-

ϕ	Latitude.
λ	Longitude.
H	Height of station above M.S.L.
h_t	Height of dry-bulb thermometer above ground.
h_r	Height of raingauge above ground.
Σ	Sum (total amount of precipitation).
-	No observations, or no reliable observations available.
( )	Figures in brackets are computed from an insufficient number of daily readings.

The heights of meteorological stations in South-West Africa are taken from railway data and from Heidke's paper "Die Niederschlagsverhältnisse Süd West Afrikas".



REËNVAL VIR DIE SEISOEN 1-7-45 – 30-6-46 RAINFALL FOR THE SEASON

(ROOI LYNE DUI DIE NORMALE JAARLIKSE NEERSLAG AAN) (RED LINES INDICATE THE NORMAL ANNUAL PRECIPITATION)

1st and 2nd ORDER STATIONS - STASIES VAN DIE 1e en 2e ORDE.

1946

	P_m Mean Pressure at Gem. Lugdruk by Gdm.		Air Temperature - Lugtemperatuur in °F. Means Gemiddeldes T_m					Extremes Uiterstes				Lowest Max. Laagste Maks. Highest Min. Hoogste Min.				Wet-bulb Temperature. Natbol Temperatuur. °F. Means Gem.		Rel. Hum. Rel. Vogtigheid. U %		Mean Cloud Amt. Gem. Wolksbedekking N 0-10		Precipitation in inches Neerslag in duime. R			Number of Days with Aantal Dae met: Precipn. Neerslag			Thunder Onweer	Hail-Hael	Snow Sneeu	Fog-Newel	Duststorm Stofstorm	Max. ≥ 86°F	Max ≤ 50°F	Min ≤ 32°F	Min ≥ 68°F	Wind Frequency. Windfrekwensie. nD.								
	0830	1500	0830	1500	x Max.	n Min.	(x+n)/2 Mean Gem.	Max.	Dat	Min.	Dat	Max.	Dat	Min.	Dat	0830	1500	0830	1500	0830	1500	Σ	Max. in 24h.	Dat.	≥.01	≥.04	≥.40										N	NE	E	SE	S	SW	W	NW	Calm Kalm
No. 413/158 LUDERITZ BAY. ϕ = 26° 38'S; λ = 15° 06'E; Pm by/at 0 gdm. H = 74 vt/ft; h_t = 4 vt/ft; h_r = 4 vt/ft.																																												
I	1011.8	1010.0	61.5	66.4	68.6	55.1	61.9	73.0	25	50.0	2	62.0	23	59.0	6	58.3	61.7	84	77	2	2	0.00	0.00	-	0	0	0	0	0	0	9	0	0	0	0	0	6	1	0	1	45	2	2	5	0
II	1011.7	1010.5	60.8	67.2	69.1	55.7	62.4	73.0	13	53.0	5	63.0	23	60.0	14	58.9	62.4	90	77	4	3	0.00	0.00	-	0	0	0	0	0	0	13	0	0	0	0	0	1	0	0	3	29	7	8	5	3
III	1012.4	1011.2	59.4	66.0	68.1	54.4	61.3	72.0	7	51.0	24	60.0	13	59.0	29	57.3	61.4	88	77	3	1	0.00	0.00	-	0	0	0	0	0	0	17	0	0	0	0	0	1	0	0	2	40	11	2	2	4
IV	1014.1	1012.1	57.0	63.6	66.3	52.7	59.5	83.0	18	48.0	29	59.0	1	56.0	5	55.1	59.3	69	78	4	2	0.07	0.07	4	1	1	0	0	0	0	14	0	0	0	0	0	2	0	0	1	45	5	2	5	0
V	1017.2	1015.6	55.6	61.4	64.7	50.7	57.7	82.0	27	38.0	28	57.0	14	58.0	28	52.7	56.5	83	74	5	3	0.00	0.00	-	0	0	0	0	0	0	20	0	0	0	0	0	7	2	5	3	25	13	3	2	2
VI	1020.7	1018.7	55.8	63.4	66.5	50.1	58.3	80.0	16	45.0	30	53.0	30	63.0	12	50.7	55.2	70	59	3	1	0.00	0.00	-	0	0	0	0	0	0	10	0	0	0	0	0	4	2	4	5	23	15	0	2	5
VII	1019.9	1017.9	51.3	59.8	62.7	47.8	55.3	79.0	13	45.0	1	57.0	14	58.0	29	48.6	54.2	90	71	3	1	0.00	0.00	-	0	0	0	0	0	0	17	0	0	0	0	0	1	2	2	6	26	18	1	2	4
VIII	1019.6	1017.8	54.0	60.9	65.4	50.5	57.9	86.0	18	41.0	8	54.0	2	63.0	19	50.9	55.3	82	71	2	2	0.00	0.00	-	0	0	0	0	0	0	10	4	0	0	0	0	7	4	6	6	22	12	1	2	2
IX	1017.8	1015.0	54.3	59.9	62.3	51.7	57.0	78.0	5	49.0	13	55.0	13	55.0	27	52.0	55.5	86	76	4	2	0.13	0.09	1	2	2	0	0	0	0	15	3	0	0	0	0	7	2	1	6	23	17	1	3	0
X	1015.4	1013.5	56.1	61.3	63.4	52.9	58.1	70.0	24	49.0	2	55.0	2	56.0	18	53.2	56.2	83	73	4	4	0.06	0.06	21	1	1	0	0	0	0	7	1	0	0	0	0	9	3	2	6	27	9	0	6	0
XI	1012.9	1011.1	59.2	63.7	66.3	54.4	60.3	71.0	25	51.0	23	58.0	23	58.0	14	55.7	58.7	80	75	4	2	0.01	0.01	18	1	0	0	0	0	0	16	7	0	0	0	0	6	3	0	2	33	9	3	4	0
XII	1011.9	1009.6	60.5	64.8	67.7	55.5	61.6	78.0	16	53.0	4	61.0	14	62.0	19	57.5	60.7	84	80	3	1	0.00	0.00	-	0	0	0	0	0	0	14	5	0	0	0	0	5	1	0	6	33	11	2	4	0
Jaar Year	1015.5	1013.6	57.1	63.2	65.9	52.6	59.3	86.0	-	38.0	-	53.0	-	63.0	-	54.2	58.1	83	74	3	2	0.27	0.09	-	5	4	0	0	0	0	162	20	0	0	0	0	56	20	20	47	371	129	25	42	20
No. 419/215 KEETMANSHOOP (Dorp/Town). ϕ = 26° 35'S; λ = 18° 08'E; Pm by/at 1,000 gdm. H = 3,295 vt/ft; ht = 4 vt/ft; h_r = 4 vt/ft.																																												
I	898.9	896.3	73.4	92.9	95.6	65.0	80.3	102.9	4	51.4	10	84.6	9	75.5	14	57.9	62.5	40	17	1	3	0.25	0.21	18	3	1	0	2	0	0	0	1	29	0	0	10	4	14	9	3	3	25	2	0	2
II	898.9	896.3	74.3	94.0	96.0	66.6	81.3	102.7	8	56.7	14	80.8	13	77.7	24	59.0	63.9	42	19	1	3	0.45	0.21	9	5	3	0	6	0	0	0	0	26	0	0	11	11	10	4	1	2	20	1	5	2
III	900.2	897.7	69.0	87.8	90.0	63.0	76.5	100.6	6	46.2	23	74.6	22	73.9	6	56.4	61.6	47	22	2	3	0.05	0.02	11	3	0	0	3	0	0	0	0	23	0	0	10	9	8	4	1	9	13	10	7	1
IV	902.6	900.0	66.4	83.7	85.7	59.9	72.8	94.1	1	49.7	25	69.2	5	70.7	11	55.1	60.8	50	27	2	3	1.40	0.70	2	2	2	2	5	1	0	0	0	16	0	0	3	12	16	3	2	1	9	3	10	4
V	903.5	900.8	56.5	75.6	76.1	51.4	63.7	88.2	1	38.1	25	64.5	24	67.4	1	48.8	56.6	59	31	2	2	0.05	0.02	18	3	0	0	2	0	0	0	2	3	0	0	0	12	13	0	0	4	8	2	11	5
VI	908.0	906.1	51.2	71.3	72.9	46.7	59.8	80.0	30	35.1	21	64.3	19	59.0	25	43.2	53.4	53	31	1	1	0.00	0.00	-	0	0	0	1	0	0	0	1	0	0	0	0	14	20	1	0	1	5	1	7	6
VII	906.4	904.0	49.1	72.0	72.9	43.9	58.4	80.0	23	31.5	28	59.2	24	56.2	23	40.8	52.7	50	27	1	1	0.00	0.00	-	0	0	0	0	0	0	0	2	0	0	2	0	11	10	1	0	1	14	3	7	11
VIII	906.4	903.8	52.1	75.6	76.0	45.6	60.8	90.2	30	34.6	9	62.0	4	64.0	31	42.3	53.3	45	22	0	0	0.00	0.00	-	0	0	0	0	0	0	0	5	3	0	0	0	14	12	3	0	4	11	3	4	6
IX	903.5	901.3	59.5	80.7	81.5	51.3	66.4	94.9	13	39.0	4	64.9	2	65.5	19	47.6	56.2	42	20	2	0	0.00	0.00	-	0	0	0	1	0	0	1	2	12	0	0	0	7	5	3	2	3	16	6	7	6
X	901.1	898.1	63.2	83.0	85.4	53.8	69.6	97.2	26	40.5	3	69.0	22	70.5	18	50.1	57.2	41	19	2	2	0.00	0.00	-	0	0	0	1	0	0	0	2	15	0	0	1	3	8	4	0	4	21	5	7	5
XI	899.5	896.7	72.1	90.7	92.9	60.9	76.9	100.0	8	48.9	6	81.8	21	70.7	11	54.8	60.6	33	17	1	3	0.09	0.09	12	1	1	0	5	0	0	0	1	26	0	0	3	2	7	7	0	4	22	6	5	3
XII	899.7	897.1	76.1	92.7	95.7	66.7	81.2	104.5	10	51.0	23	75.0	23	82.5	4	57.5	63.7	33	19	3	3	0.10	0.06	18	2	1	0	5	0	0	0	2	30	0	0	14	6	7	5	0	3	20	1	10	2
Jaar Year	902.3	899.9	63.6	83.3	85.1	56.2	70.7	104.5	-	31.5	-	59.2	-	82.5	-	51.1	58.5	45	23	2	2	2.39	0.70	-	29	8	2	31	1	0	1	18	183	0	2	52	105	130	44	9	39	184	43	80	53

No. 735/11 SWAKOPMUND. ϕ = 22° 41'S; λ = 14° 31'E; Pm by/at 0 gdm. H = 38 vt/ft; h_t = 4 vt/ft; h_r = 4 vt/ft.

I	1013.3	1011.8	61.3	65.4	67.3	56.7	62.0	71.0	18	53.0	10	64.0	8	64.0	25	60.5	63.7	95	92	10	6	0.00	0.00	-	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	1	18	7	31	0
II	1013.0	1011.5	61.3	65.3	66.5	59.5	63.0	71.0	11	56.0	20	63.0	20	64.0	13	60.6	63.3	97	90	10	4	0.00	0.00	-	0	0	0	0	0	0	4	0	0	0	0	0	3	2	0	0	1	31	3	16	0
III	1013.9	1012.1	58.8	62.8	64.7	56.9	60.8	68.0	6	52.0	21	60.0	24	61.0	7	58.1	60.7	96	89	9	5	0.00	0.00	-	0	0	0	0	0	0	7	0	0	0	0	0	9	1	2	1	8	27	4	10	0
IV	1014.5	1012.6	56.5	60.7	63.1	54.4	58.7	83.0	18	49.0	29	57.0	29	60.0	17	56.3	59.1	98	91	8	5	0.00	0.00	-	0	0	0	0	0	0	13	0	0	0	0	0	12	0	1	2	10	23	3	9	0
V	1016.8	1015.7	52.9	59.0	62.8	49.9	56.3	96.0	28	41.0	25	55.6	23	58.0	29	52.2	56.8	95	88	8	5	0.00	0.00	-	C	0	0	0	0	0	19	0	2	0	0	0	7	8	4	1	16	21	2	3	0
VI	1020.3	1017.6	56.5	65.3	70.3	51.6	60.9	93.0	10	43.0	6	53.0	1	64.0	13	52.8	59.5	79	71	4	2	0.00	0.00	-	0	0	0	0	0	0	12	0	8	0	0	0	7	17	9	1	13	6	4	3	0
VII	1019.0	1017.7	48.5	57.2	60.8	46.4	53.6	94.0	13	40.0	25	52.0	17	57.0	13	47.5	54.7	93	86	7	4	0.00	0.00	-	0	0	0	0	0	0	21	0	2	0	0	0	7	6	8	2	21	8	5	4	0
VIII	1019.6	1017.4	51.4	57.0	61.7	48.1	54.9	95.0	18	43.0	10	52.0	2	56.0	20	50.1	54.4	91	85	8	4	0.00	0.00	-	0	0	0	0	0	0	16	0	2	0	0	0	10	8	3	6	8	22	2	3	0
IX	1018.1	1015.0	52.4	58.3	60.6	49.9	55.2	85.0	5	44.0	30	56.0	19	54.0	13	51.4	55.9	93	87	7	4	0.00	0.00	-	0	0	0	0	0	0	8	0	0	0	0	0	6	9	2	2	3	29	3	6	0
X	1016.3	1014.4	54.2	57.5	62.0	51.3	56.7	88.0	1	43.0	1	58.0	5	56.0	29	52.7	56.1	90	92	8	2	0.00	0.00	-	0	0	0	0	0	0	8	0	1	0	0	0	7	3	0	1	1	39	1	10	0
XI	1014.5	1012.5	56.9	61.1	63.2	54.4	58.8	70.0	30	49.0	6	59.0	2	63.0	29	55.2	57.9	90	81	10	4	0.00	0.00	-	0	0	0	0	0	0	5	0	0	0	0	0	7	2	0	2	1	33	3	12	0
XII	1013.3	1011.6	60.1	63.5	65.4	58.0	61.7	80.0	15	50.0	24	61.0	9	66.0	18	58.7	60.5	92	84	8	5	0.14	0.09	18	2	2	0	0	0	0	0	0	0	0	0	0	5	1	0	3	1	34	3	15	0
Jaar Year	1016.1	1014.2	55.9	61.1	64.0	53.1	58.5	96.0	-	40.0	-	52.0	-	66.0	-	54.7	58.6	92	87	8	4	0.14	0.09	-	2	2	0	0	0	0	113	0	15	0	0	0	84	58	29	21	84	291	40	122	0

No. 740/154 WINDHOEK (Weather Office/Weerkantoor). ϕ = 22° 34'S; λ = 17° 06'E; Pm by/at 1,700 gdm. H = 5,666 vt/ft; h_t = 4 vt/ft; h_r = 4 vt/ft.

I	827.3	825.5	71.9	84.3	87.4	65.0	76.2	92.6	31	53.2	10	82.5	9	69.7	15	55.5	59.5	38	24	4	5	0.17	0.05	24	7	2	0	3	0	0	0	0	19	0	0	9	2	12	15	10	5	8	4	2	4
II	827.7	825.7	70.9	84.5	88.1	63.0	75.5	91.7	7	54.8	13	82.0	12	70.1	28	57.8	61.5	48	29	2	6	0.36	0.26	4	6	2	0	5	0	0	0	0	23	0	0	5	3	5	15	6	5	5	1	6	10
III	828.9	826.6	67.7	81.9	84.4	61.9	73.1	90.7	1	38.7	22	70.7	21	71.5	3	55.5	59.4	49	28	2	5	0.94	0.51	3	8	3	1	4	0	0	0	0	11	0	0	3	6	9	21	1	3	1	6	7	6
IV	831.0	829.0	64.8	78.2	80.6	60.1	70.3	84.4	8	51.3	3	69.4	3	66.4	2	53.0	57.0	48	29	4	6	0.57	0.24	3	7	3	0	4	0	0	0	0	0	0	0	0	9	12	19	0	1	2	3	10	4
V	831.2	829.1	56.7	73.5	74.7	51.9	63.3	79.7	1	42.7	5	66.4	8	62.3	1	45.2	51.9	43	23	2	3	0.00	0.00	-	0	0	0	0	0	0	0	0	0	0	0	0	6	9	21	3	0	0	4	16	3
VI	834.5	832.6	50.7	68.2	69.4	46.8	58.1	76.1	5	38.7	16	61.8	18	53.8	24	41.4	49.4	49	26	1	1	0.00	0.00	-	0	0	0	0	0	0	0	0	0	0	0	0	5	8	31	1	0	0	2	11	2
VII	833.3	831.1	50.2	68.6	70.0	45.9	57.9	74.3	6	36.8	25	58.8	28	51.7	21	38.9	47.7	37	20		0	0.00	0.00	-	0	0	0	0	0	0	0	0	0	0	0	0	5	10	28	1	0	1	4	11	2
VIII	833.4	831.2	54.1	71.9	73.5	49.4	61.5	81.3	31	41.2	12	63.4	11	58.2	31	41.2	49.2	34	18	0	0	0.00	0.00	-	0	0	0	0	0	0	0	0	0	0	0	0	3	8	28	1	0	0	10	8	4
IX	831.4	828.8	62.0	78.5	80.1	55.0	67.5	85.6	18	37.5	3	64.2	2	62.6	25	45.5	51.6	28	14	2	2	0.03	0.03	28	1	0	0	0	0	0	0	1	0	0	0	0	4	7	18	4	1	4	9	8	5
X	829.1	826.7	69.0	83.2	85.5	59.8	72.7	93.3	31	47.2	23	77.0	22	70.9	27	48.8	54.9	23	15	2	4	0.05	0.05	27	1	1	0	2	0	0	0	1	16	0	0	3	4	4	14	2	2	2	12	16	6
XI	828.3	825.8	71.8	85.7	87.8	64.0	75.9	95.9	1	55.7	24	84.3	5	73.7	2	52.0	56.6	27	16	3	5	0.25	0.14	8	4	2	0	5	0	0	0	1	23	0	0	6	8	4	10	1	7	3	12	10	5
XII	828.4	826.5	72.7	81.4	86.8	64.9	75.9	94.7	8	51.3	23	74.3	20	73.5	29	55.3	58.6	35	27	3	6	1.20	0.21	19	12	11	0	14	0	0	0	1	18	0	0	11	7	14	10	5	5	4	3	10	4
Jaar Year	830.4	828.2	63.5	78.3	80.7	57.3	69.0	95.9	-	36.8	-	58.8	-	73.7	-	49.2	54.8	38	22	2	4	3.57	0.51	-	46	24	1	37	0	0	0	4	110	0	0	37	62	102	230	35	29	30	70	115	55

No. 787/838 GOBABIS. ϕ = 22° 28'S; λ = 18° 58'E; Pm by/at 1,400 gdm. H = 4,741 vt/ft; h_t = 4 vt/ft; h_r = 4 vt/ft.

I	857.4	855.0	72.5	86.7	89.1	63.9	76.5	93.8	29	57.0	12	76.6	17	71.7	7	59.8	63.8	50	29	6	7	0.06	0.03	22	4	0	0	-	0	0	1	1	27	0	0	3	7	13	10	10	9	7	2	4	0
II	857.7	855.5	70.9	86.3	89.0	64.9	76.9	94.3	21	58.0	27	82.0	1	68.3	6	62.3	64.3	64	33	4	6	1.59	1.07	7	8	6	1	-	0	0	0	0	22	0	0	2	19	11	5	3	3	3	0	12	0
III	859.0	856.6	68.3	85.0	87.3	61.5	74.4	93.8	3	46.7	23	74.3	21	69.2	2	58.8	62.1	59	29	3	4	1.47	1.34	13	4	3	1	-	0	0	0	0	20	0	0	2	15	10	3	2	9	4	1	18	0
IV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	-	0	0	0	-	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-
V	862.2	859.4	57.0	77.2	79.6	48.5	64.1	87.8	1	35.7	9	70.3	29	58.0	3	47.2	55.4	50	25	3	3	0.01	0.01	8	1	0	0	-	0	0	0	0	2	0	0	0	16	6	0	1	3	3	6	18	0
VI	865.8	863.8	47.5	70.7	71.9	40.5	56.2	77.2	4	32.2	21	64.4	16	50.6	24	40.2	50.8	55	25	1	2	0.00	0.00	-	0	0	0	-	0	0	0	0	0	0	0	0	23	11	1	0	1	6	3	14	1
VII	864.6	862.4	45.4	71.6	72.8	38.9	55.9	79.7	31	30.5	26	60.3	28	49.8	22	36.4	49.5	43	19	1	1	0.00	0.00	-	0	0	0	-	0	0	0	0	0	0	2	0	15	9	4	1	3	5	5	19	1
VIII	864.6	862.0	50.3	74.8	76.1	42.3	59.2	86.1	31	30.3	12	63.4	11	55.8	30	40.4	52.4	44	21	0	0	0.00	0.00	-	0	0	0	-	0	0	0	0	1	0	1	0	17	7	3	0	5	4	7	19	0
IX	862.1	859.0	60.4	81.5	83.1	50.1	66.6	88.9	25	30.8	5	69.0	4	67.7	26	49.4	61.1	48	23	2	2	0.12	0.11	28	2	1	0	-	0	0	0	0	11	0	1	0	10	9	4	6	6	7	6	12	0
X	859.3	856.3	68.8	86.7	89.1	59.3	74.2	95.4	26	48.7	23	82.4	4	72.4	27	58.8	70.5	58	47	3	5	0.40	0.15	2	8	3	0	-	0	0	0	0	25	0	0	3	7	4	6	6	8	8	5	16	1
XI	858.4	855.7	73.3	87.5	90.5	64.2	77.3	98.3	1	57.9	21	85.4	20	70.8	17	57.1	62.6	39	25	4	6	0.39	0.17	20	4	3	0	-	0	0	0	0	28	0	0	5	12	10	3	3	7	4	4	17	0
XII	858.4	855.9	75.0	89.0	91.6	66.8	79.2	95.7	10	55.7	24	84.3	20	74.0	12	63.6	69.2	56	39	3	6	1.21	0.50	17	6	4	1	-	0	0	0	0	25	0	0	12	13	6	3	6	7	5	3	13	1
Jaar Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.25	1.34	-	37	20	3	-	0	0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-

1st and 2nd ORDER STATIONS - STASIES VAN DIE 1e en 2e ORDE.

1946

Column key: P_m Mean Pressure at / Gem. Lugdruk by Gdm. (0830, 1500); Air Temperature - Lugtemperatuur in °F.: Means / Gemiddeldes T_m (0830, 1500, x Max., n Min., (x+n)/2 Mean Gem.), Extremes / Uitterstes (Max., Dat, Min., Dat), Lowest Max. / Laagste Maks., Highest Min. / Hoogste Min. (Max., Dat, Min., Dat); Wet-bulb Temperature / Natbol Temperatuur, °F. Means Gem. (0830, 1500); Rel. Hum. / Rel. Vogtigheid U % (0830, 1500); Mean Cloud Amt. / Gem. Wolkshoeveelheid N 0-10 (0830, 1500); Precipitation in inches / Neerslag in duime R (Σ, Max. in 24h., Dat); Number of Days with / Aantal Dae met: Precipn. / Neerslag ≥·01, ≥·04, ≥·40, Thunder / Donderweer, Hail / Hael, Snow / Sneeu, Fog / Newel, Duststorm / Stofstorm, Max. ≥ 86°F, Max ≤ 50°F, Min ≤ 32°F, Min ≥ 68°F; Wind Frequency / Windfrekwensie nD. (N, NE, E, SE, S, SW, W, NW, Calm / Kalm).

No. 828/748 OKAHANDJA. ϕ = 21° 58'S; λ = 16° 55'E; Pm by/at 1,300 gdm. H = 4,387 vt/ft; h_t = 4 vt/ft; h_r = 4 vt/ft.

	P 0830	P 1500	T 0830	T 1500	x Max.	n Min.	(x+n)/2 Mean Gem.	Ext. Max.	Dat	Ext. Min.	Dat	Lowest Max.	Dat	Highest Min.	Dat	Wet-bulb 0830	Wet-bulb 1500	U 0830	U 1500	N 0830	N 1500	Σ	Max. in 24h.	Dat	≥·01	≥·04	≥·40	Thunder	Hail	Snow	Fog	Duststorm	Max. ≥86°F	Max ≤50°F	Min ≤32°F	Min ≥68°F	N	NE	E	SE	S	SW	W	NW	Calm Kalm
I	867.0	865.5	65.9	89.5	92.7	60.1	76.4	96.7	3	46.9	10	84.2	15	68.8	22	57.1	62.9	60	23	6	6	0.51	0.14	14	6	5	0	5	0	0	0	0	30	0	0	2	2	1	6	11	3	24	3	11	0
II	867.1	865.9	65.4	90.0	92.9	61.1	77.0	96.8	7	51.0	13	89.2	10	72.9	19	56.2	65.4	58	28	4	6	0.17	0.10	9	3	2	0	6	0	0	0	0	28	0	0	3	6	4	8	7	0	18	4	9	0
III	867.9	867.0	63.7	87.8	89.2	59.5	74.3	95.4	1	34.6	22	74.9	21	75.8	7	55.4	62.5	62	24	4	6	0.44	0.23	13	6	4	0	6	0	0	0	0	26	0	0	4	14	1	6	6	0	18	5	12	0
IV	870.0	869.2	63.3	84.5	85.6	58.7	72.1	90.1	19	41.3	6	77.5	3	69.9	3	54.5	62.1	59	29	5	6	0.33	0.13	12	6	3	0	7	0	0	1	0	17	0	0	3	16	4	6	4	0	7	5	18	0
V	871.0	869.9	50.5	79.0	79.8	46.5	63.1	88.0	6	30.5	9	72.4	8	64.9	1	42.8	55.3	55	22	3	3	0.00	0.00	-	0	0	0	0	0	0	0	0	1	0	1	0	13	3	1	3	0	7	10	25	0
VI	874.3	873.5	49.2	72.8	74.0	45.4	59.7	78.9	26	37.0	22	69.7	17	56.9	25	41.5	52.7	55	26	2	2	0.00	0.00	-	0	0	0	0	0	0	0	0	0	0	0	0	15	6	11	4	0	4	4	16	0
VII	873.1	872.6	42.7	73.4	75.9	39.9	57.9	81.0	31	29.9	25	70.1	14	51.1	5	35.2	51.4	49	20	1	0	0.00	0.00	-	0	0	0	0	0	0	0	0	0	0	1	0	15	6	2	5	1	1	5	27	0
VIII	873.0	872.3	49.1	77.0	79.9	45.3	62.6	88.1	31	33.1	5	72.0	19	62.3	30	39.1	52.8	41	18	1	0	0.00	0.00	-	0	0	0	0	0	0	0	1	2	0	0	0	8	13	8	3	1	5	7	17	0
IX	870.7	869.5	55.7	83.0	86.4	49.3	67.9	91.8	13	34.8	4	75.2	3	63.9	20	43.7	55.0	39	15	2	2	0.00	0.00	-	0	0	0	1	0	0	0	1	20	0	0	0	5	3	6	3	0	16	10	16	0
X	868.7	867.4	60.7	88.4	91.5	52.9	72.2	99.0	26	40.0	4	82.5	22	68.8	28	48.4	59.1	44	17	4	5	0.09	0.09	28	1	1	0	2	0	0	0	1	28	0	0	1	6	2	2	1	0	22	9	20	0
XI	867.7	866.4	66.1	90.3	93.7	57.9	75.8	99.2	1	49.7	25	88.1	14	65.9	2	53.6	61.1	46	19	5	5	0.10	0.06	8	3	1	0	4	0	0	0	0	30	0	0	0	4	4	4	3	1	21	9	14	0
XII	867.7	866.6	68.4	88.4	92.0	62.4	77.2	99.0	8	48.9	23	77.8	20	68.9	8	59.8	63.6	62	26	5	6	3.20	0.74	4	13	9	3	17	0	0	0	0	24	0	0	1	5	3	14	1	1	16	7	15	0
Jaar Year	869.9	868.8	58.4	83.7	86.1	53.3	69.7	99.2	-	29.9	-	69.7	-	75.8	-	48.9	58.7	52	22	4	4	4.84	0.74	-	38	25	3	48	0	0	1	3	206	0	2	14	109	50	74	51	7	159	78	200	0

No. 1055/374 TSUMEB. ϕ = 39° 14'S; λ = 17° 43'E; Pm by/at 1,300 gdm. H = 4,301 vt/ft; h_t = 4 vt/ft; h_r = 4 vt/ft.

	P 0830	P 1500	T 0830	T 1500	x Max.	n Min.	(x+n)/2 Mean Gem.	Ext. Max.	Dat	Ext. Min.	Dat	Lowest Max.	Dat	Highest Min.	Dat	Wet-bulb 0830	Wet-bulb 1500	U 0830	U 1500	N 0830	N 1500	Σ	Max. in 24h.	Dat	≥·01	≥·04	≥·40	Thunder	Hail	Snow	Fog	Duststorm	Max. ≥86°F	Max ≤50°F	Min ≤32°F	Min ≥68°F	N	NE	E	SE	S	SW	W	NW	Calm Kalm
I	866.9	865.7	72.4	85.9	89.3	65.2	77.3	93.0	30	57.7	3	84.2	16	73.0	29	62.7	65.0	60	33	7	7	2.42	1.55	15	7	6	2	3	0	0	0	0	28	0	0	7	1	1	18	19	9	5	3	1	5
II	867.7	865.7	70.8	83.9	88.5	62.6	75.5	94.6	28	49.9	15	79.3	1	71.9	1	62.4	64.9	64	38	4	5	1.76	0.68	10	6	6	2	0	0	0	0	0	21	0	0	4	2	2	12	19	4	5	2	5	5
III	868.6	866.0	70.6	87.8	90.4	62.0	76.2	94.3	11	43.8	23	81.3	31	69.7	13	59.7	63.2	55	27	4	6	1.03	0.32	13	6	5	0	2	0	0	0	0	28	0	0	4	1	4	23	16	1	4	1	5	7
IV	871.4	868.4	69.1	84.9	87.5	61.5	74.5	89.9	6	54.0	27	83.0	10	69.0	15	57.6	61.6	52	27	4	6	0.26	0.09	21	5	2	0	0	0	0	0	0	24	0	0	2	0	3	31	19	0	2	1	2	2
V	872.2	869.6	62.0	81.2	82.8	51.8	67.3	89.2	6	37.8	10	74.0	30	58.7	1	49.3	56.4	42	20	1	1	0.00	0.00	-	0	0	0	0	0	0	0	1	7	0	0	0	1	3	26	18	3	1	4	4	2
VI	875.5	873.1	54.4	74.1	75.6	46.3	60.9	80.7	3	40.3	21	68.4	17	55.0	25	45.0	53.2	50	24	1	1	0.00	0.00	-	0	0	0	0	0	0	0	0	0	0	0	0	1	4	38	12	0	0	0	3	2
VII	874.2	872.0	50.9	75.0	76.5	43.8	60.1	81.0	31	36.4	3	71.2	14	51.3	29	40.4	51.9	41	19	0	0	0.00	0.00	-	0	0	0	0	0	0	0	0	0	0	0	0	0	6	43	10	0	0	2	1	0
VIII	874.4	871.4	55.5	78.4	80.1	45.9	63.0	88.6	27	38.0	12	71.6	19	65.2	29	43.6	53.2	38	17	0	0	0.00	0.00	-	0	0	0	0	0	0	0	0	3	0	0	0	1	3	38	17	1	0	0	1	1
IX	871.3	868.2	69.0	85.5	87.3	57.8	72.5	93.0	16	37.0	3	77.0	28	68.3	17	50.3	56.8	26	16	2	2	0.16	0.07	26	3	2	0	0	0	0	0	0	21	0	0	2	1	3	23	16	3	2	5	6	1
X	868.8	866.1	75.9	90.0	91.9	65.9	78.9	98.8	29	52.2	2	80.4	6	79.4	30	56.7	61.9	31	21	6	7	0.19	0.14	11	4	1	0	2	0	0	0	1	26	0	0	10	2	5	13	18	3	8	5	5	3
XI	868.2	865.4	74.8	87.2	90.0	67.0	78.5	101.6	1	59.0	6	81.3	5	77.2	2	60.9	63.6	47	28	7	8	2.19	0.75	24	12	10	2	6	0	0	0	0	23	0	0	8	0	4	16	15	4	6	7	7	1
XII	868.2	865.4	75.0	87.7	90.5	67.1	78.8	98.0	30	62.0	1	79.8	15	72.3	13	62.0	64.4	50	29	5	6	1.22	0.58	15	7	6	1	1	0	0	0	0	26	0	0	11	1	8	19	18	0	2	6	5	3
Jaar Year	870.6	868.1	66.7	83.5	85.9	58.1	72.0	101.6	-	36.4	-	68.4	-	79.4	-	54.2	59.7	46	25	3	4	9.23	1.55	-	50	38	7	14	0	0	0	2	207	0	0	48	11	46	300	197	28	35	36	45	32

No. 1201/27 ONDANGUA. ϕ = 17° 57'S; λ = 16° 01'E; Pm by/at 1,100 gdm. H = 3,594 vt/ft; h_t = 4 vt/ft; h_r = 4 vt/ft.

I	887.9	886.6	70.3	89.3	92.0	65.4	78.7	97.1	31	54.1	11	83.1	18	73.3	23	59.4	65.5	54	29	7	6	1.08	0.43	15	5	4	2	3	0	0	0	0	29	0	0	11	0	0	3	16	25	13	3	1	1
II	888.2	886.6	71.0	91.3	94.0	65.3	79.7	98.2	7	53.0	13	87.4	2	73.2	24	59.7	64.0	53	22	4	5	0.11	0.06	19	4	1	0	0	0	0	0	0	28	0	0	9	1	2	9	13	14	10	3	1	2
III	889.0	887.1	69.5	89.5	91.9	65.0	78.5	97.0	1	45.4	23	83.7	22	76.1	2	59.6	64.8	58	21	4	5	0.87	0.29	10	7	7	0	4	0	0	0	0	27	0	0	9	0	9	14	13	11	6	5	2	2
IV	891.0	889.1	68.8	87.7	89.2	63.7	76.5	93.0	7	53.6	27	81.3	12	72.0	1	60.3	64.8	63	30	4	6	0.96	0.55	8	5	3	1	2	0	0	0	0	26	0	0	3	2	9	24	12	4	2	0	0	6
V	892.3	890.3	60.0	84.9	85.4	53.1	69.3	90.0	3	41.8	10	73.5	30	61.8	2	48.4	58.6	44	19	1	3	0.00	0.00	-	0	0	0	0	0	0	0	0	16	0	0	0	2	5	18	7	12	1	3	3	9
VI	895.1	893.2	53.2	78.4	79.5	48.2	63.9	85.0	26	42.3	6	72.7	1	54.6	24	45.1	57.7	54	29	1	1	0.00	0.00	-	0	0	0	0	0	0	0	0	0	0	0	0	0	3	41	9	1	0	0	0	5
VII	894.3	892.3	49.0	78.6	80.0	44.7	62.3	83.9	31	39.7	4	75.1	16	55.2	29	40.2	53.9	47	18	1	0	0.00	0.00	-	0	0	0	0	0	0	0	0	0	0	0	0	0	3	34	12	2	1	0	2	7
VIII	894.1	891.9	55.4	82.2	83.7	49.8	66.7	91.3	31	43.0	26	77.0	16	63.3	29	42.9	56.3	35	18	1	1	0.00	0.00	-	0	0	0	0	0	0	0	0	7	0	0	0	1	5	32	6	1	0	1	0	15
IX	891.7	889.0	62.0	88.3	90.3	56.0	73.1	95.7	16	40.9	7	75.7	27	70.0	25	47.0	59.3	32	17	2	2	0.04	0.02	26	2	0	0	1	0	0	0	0	25	0	0	1	1	1	16	9	6	3	2	1	20
X	889.7	887.6	70.5	90.7	92.6	64.7	78.7	100.2	17	53.5	4	78.1	6	76.0	26	55.2	63.6	38	22	7	7	0.05	0.05	10	1	1	0	2	0	0	0	1	29	0	0	7	2	6	5	9	15	9	7	0	9
XI	889.1	886.6	72.8	90.8	93.6	68.3	80.9	101.1	1	62.7	16	85.3	8	74.2	2	57.8	64.3	42	24	7	6	0.45	0.26	20	2	2	0	4	0	0	0	1	26	0	0	15	2	2	9	6	10	7	4	4	10
XII	888.8	887.0	71.4	86.0	88.9	67.1	78.0	98.1	31	62.3	23	80.0	17	71.3	27	64.2	67.4	69	39	6	6	5.69	1.15	6	11	10	5	6	0	0	0	3	18	0	0	10	2	3	9	14	6	8	4	2	10
Jaar Year	890.9	888.9	64.5	86.5	88.4	59.3	73.9	101.1	-	39.7	-	72.7	-	76.1	-	53.3	61.7	49	24	4	4	9.25	1.15	-	37	28	8	22	0	0	0	5	231	0	0	65	13	48	214	126	107	60	32	16	96

3rd ORDER STATIONS – STASIES van die 3e ORDE

1946

Month / Maand	Means – Gemiddeldes T_m: 0830	x Max.	n Min.	$\frac{x+n}{2}$ Mean Gem.	Extremes – Uitersters: Max.	Dat.	Min.	Dat.	Lowest Max. – Laagste Maks. / Highest Min. – Hoogste Min.: Max.	Dat.	Min.	Dat.	Mean Rel. Hum. – Gem. Rel. Vogtigheid U % 0830	Mean Cloud Amt. – Gem. Wolkebedekking N 0-10 0830	Precipitation in inches – Neerslag in duime R: Σ	Max. in 24 h.	Dat.	Number of Days with – Aantal Dae met: Precipn. – Neerslag ≥ ·01	≥ ·04	≥ ·40	Thunder K	Hail ▲	Snow ✱	Fog ≡	Max. > 86°F.	Max. < 50°F.	Min. < 32°F.	Min. > 68°F.
No. 567/738 VOIGTSGRUND. φ = 24° 48'S; λ = 17° 25'E; H = 4,183 vt/ft; h_t = 7½ vt/ft; h_r = 4 vt/ft.																												
I	-	93.6	67.5	80.5	98.1	3	57.2	10	86.9	20	75.2	31	-	1	0.14	0.04	13	5	3	0	-	0	0	0	31	0	0	14
II	-	94.3	68.9	81.6	98.8	26	56.3	14	83.3	12	76.1	2	-	1	0.93	0.69	12	5	3	1	-	0	0	0	28	0	0	18
III	-	89.4	63.3	76.3	99.5	1	49.1	23	75.2	20	74.3	5	-	2	0.59	0.38	6	3	3	0	-	0	0	1	24	0	0	10
IV	-	84.4	57.9	71.1	87.8	11	49.1	5	73.4	17	68.0	10	-	1	0.96	0.41	18	4	3	1	-	0	0	0	7	0	0	0
V	-	76.5	46.4	61.5	83.3	16	32.0	25	66.2	24	61.7	1	-	1	0.01	0.01	17	1	0	0	-	0	0	0	0	0	0	0
VI	-	72.5	38.7	56.6	77.9	3	32.9	26	65.3	15	52.7	25	-	0	0.00	0.00	-	0	0	0	-	0	0	0	0	0	0	0
VII	-	71.8	35.8	53.8	78.8	16	26.6	25	53.6	27	50.0	21	-	0	0.00	0.00	-	0	0	0	-	0	0	0	0	0	6	0
VIII	-	76.5	38.3	57.4	87.8	30	29.3	10	62.6	9	50.0	31	-	0	0.00	0.00	-	0	0	0	-	0	0	0	1	0	6	0
IX	-	82.4	47.1	64.7	91.4	17	32.0	5	64.4	3	58.1	26	-	1	0.00	0.00	-	0	0	0	-	0	0	0	16	0	0	0
X	-	88.3	53.2	70.7	96.8	24	40.1	3	75.2	3	68.0	27	-	0	0.00	0.00	-	0	0	0	-	0	0	0	21	0	0	0
XI	-	92.8	59.9	76.3	96.8	29	50.9	17	84.2	5	68.0	27	-	0	0.45	0.45	12	1	1	1	-	0	0	0	28	0	0	0
XII	-	92.8	67.1	79.9	99.5	29	51.8	23	75.2	22	75.2	29	-	2	0.69	0.37	13	9	2	0	-	0	0	0	26	0	0	16
Jaar Year	-	84.6	53.7	69.1	99.5	-	26.6	-	53.6	-	76.1	-	-	1	3.77	0.69	-	28	15	3	-	0	0	1	79	0	12	56
No. 570/628 HARUCHAS. φ = 24°58'S; λ = 18°51'E; H = 3,800 vt/ft; h_t = 7½ vt/ft; h_r = 4 vt/ft.																												
I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II	-	93.7	70.0	81.9	98.0	21	63.7	14	87.4	11	76.6	8	-	2	1.62	1.20	10	3	2	2	4	0	0	0	20	0	0	13
III	-	90.5	64.8	77.7	101.7	6	48.7	23	69.3	13	74.3	8	-	6	1.09	0.95	12	3	3	1	7	0	0	0	24	0	0	12
IV	-	87.6	57.2	72.4	91.6	28	48.2	5	77.5	7	71.6	2	-	3	0.16	0.09	19	2	2	0	1	0	0	0	20	0	0	1
V	-	79.3	48.2	63.7	88.9	2	32.9	25	67.6	26	64.4	1	-	2	0.00	0.00	-	0	0	0	3	0	0	0	4	0	0	0
VI	-	73.8	40.1	56.9	79.2	5	34.5	21	66.2	16	53.1	25	-	1	0.00	0.00	-	0	0	0	0	0	0	0	0	0	0	0
VII	-	72.3	37.9	55.1	79.5	2	25.5	28	53.6	29	47.7	23	-	0	0.00	0.00	-	0	0	0	0	0	0	0	0	0	4	0
VIII	-	77.6	39.5	58.5	87.4	26	25.3	12	60.8	12	59.9	31	-	0	0.00	0.00	-	0	0	0	0	0	0	0	2	0	6	0
IX	-	84.4	46.4	65.4	93.9	20	31.9	5	64.6	5	55.8	1	-	1	0.00	0.00	-	0	0	0	0	0	0	0	15	0	1	0
X	-	89.8	54.5	72.1	101.3	28	43.9	2	80.6	23	72.5	28	-	2	0.00	0.00	-	0	0	0	3	0	0	1	21	0	0	2
XI	-	95.1	63.5	79.3	100.8	2	55.4	7	87.8	7	71.6	19	-	2	0.03	0.03	14	1	0	0	6	0	0	0	29	0	0	4
XII	-	95.9	68.4	82.1	101.5	3	53.4	23	65.5	22	75.9	30	-	3	1.31	0.99	19	4	3	1	7	0	0	0	30	0	0	18
Jaar Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. 915/623 [illegible]UTUA. φ = 20° 53'S; λ = 15° 51'E; H = 5,000 vt/ft; h_t = 7½ vt/ft; h_r = 4 vt/ft.																												
I	-	93.7	56.3	75.0	96.6	1	43.9	10	87.1	9	64.9	4	-	-	1.06	0.59	14	6	4	1	5	0	0	0	31	0	0	0
II	-	95.4	56.1	75.7	99.0	21	42.3	14	87.3	14	66.4	18	-	-	0.28	0.28	23	1	1	0	6	0	0	0	28	0	0	0
III	-	91.9	56.1	74.0	98.6	11	29.3	22	75.7	21	68.0	9	-	-	0.90	0.44	10	4	2	1	7	0	0	0	28	0	1	0
IV	-	88.0	58.5	73.3	90.9	24	46.0	6	82.8	4	63.5	19	-	-	0.94	0.63	11	4	4	1	6	0	0	0	25	0	0	0
V	-	82.2	48.5	65.4	87.3	14	33.1	9	74.8	31	57.6	16	-	-	0.00	0.00	-	0	0	0	0	0	0	0	2	0	0	0
VI	-	76.3	46.4	61.3	81.9	23	38.5	14	67.5	16	52.3	5	-	-	0.00	0.00	-	0	0	0	0	0	0	0	0	0	0	0
VII	-	76.6	44.8	60.7	79.2	21	36.3	25	72.1	16	50.9	30	-	-	0.00	0.00	-	0	0	0	0	0	0	0	0	0	0	0
VIII	-	80.2	48.4	64.3	88.9	28	41.0	4	71.6	19	50.8	29	-	-	0.00	0.00	-	0	0	0	0	0	0	0	5	0	0	0
IX	-	86.7	52.3	69.5	92.3	23	38.0	3	70.9	2	62.6	26	-	-	0.00	0.00	-	0	0	0	0	0	0	1	20	0	1	0
X	-	91.4	54.1	72.7	97.7	25	42.4	3	82.8	22	68.0	27	-	-	0.00	0.00	-	0	0	0	2	0	0	0	26	0	0	0
XI	-	93.9	56.7	75.3	100.4	1	47.1	24	84.2	5	64.0	1	-	-	1.85	0.65	12	4	4	3	8	0	0	0	29	0	0	0
XII	-	90.7	58.6	74.7	98.1	30	49.1	23	76.1	20	65.8	10	-	-	5.40	1.77	15	13	12	4	16	0	0	0	24	0	0	0
Jaar Year	-	87.3	53.1	70.2	100.4	-	28.0	-	67.5	-	60.0	-	-	-	10.42	1.77	-	32	28	10	50	0	0	1	218	0	2	0

MEAN HOURLY VALUES OF RELATIVE HUMIDITY (%)

GEMIDDELDE UURLIKSE WAARDES VAN RELATIEWE VOGTIGHEID (%)

1947

No. 419/215 KEETMANSHOOP (Town/Dorp). ϕ = 26° 35'S; λ = 18° 08'E; ht = 4 ft/vt; H = 3,295 ft/vt.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Ma.
January/Januarie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
February/Februarie	34	36	38	39	40	42	43	41	36	31	27	24	23	21	20	20	19	19	20	21	23	25	28	31	29
March/Maart	49	51	52	54	56	57	59	55	49	43	39	35	32	30	29	29	29	30	35	38	41	44	46	47	43
April	44	46	47	49	50	52	53	51	44	39	36	33	32	30	29	29	30	31	34	36	39	40	42	43	40
May/Mei	48	49	51	53	54	54	54	52	46	40	37	35	33	32	31	31	31	33	36	40	43	44	46	47	42
June/Junie	51	52	53	54	55	55	57	58	54	49	43	40	37	34	32	31	32	35	38	41	44	46	47	49	45
July/Julie	47	49	51	54	55	58	59	58	52	44	39	35	32	29	28	27	28	29	31	35	40	42	43	45	42
August/Augustus	35	36	38	39	41	42	43	43	41	35	31	27	25	23	21	20	20	20	22	24	27	30	31	33	31
September	43	46	49	51	53	55	57	55	49	41	35	30	28	26	24	23	22	24	26	28	31	34	37	39	38
October/Oktober	34	36	38	40	42	43	43	39	34	28	24	21	18	17	16	16	16	17	18	21	23	25	28	31	28
November	34	35	37	39	42	44	46	39	33	30	25	23	21	19	18	18	18	19	19	21	24	27	30	33	29
December/Desember	40	42	43	45	47	48	47	43	37	32	28	26	24	22	20	20	21	21	23	25	27	30	34	37	33
Year/Jaar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

No. 740/154 WINDHOEK. ϕ = 22° 34'S; λ = 17° 06'E; ht = 4 ft/vt; H = 5,666 ft/vt.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Ma.
January/Januarie	50	51	52	53	52	53	50	46	42	38	35	33	30	29	29	31	33	32	35	41	44	46	49	51	42
February/Februarie	64	66	69	72	69	66	65	61	54	48	40	37	34	32	34	37	39	41	46	47	51	55	58	63	52
March/Maart	65	66	66	66	67	68	66	64	57	51	48	43	40	41	41	40	40	42	45	50	56	59	61	62	54
April	60	61	62	63	62	62	61	59	53	49	47	45	42	40	39	37	37	40	45	49	52	55	56	57	51
May/Mei	42	43	44	46	47	48	50	49	43	38	34	30	28	27	26	26	26	27	30	33	36	38	39	41	37
June/Junie	39	40	41	42	42	43	44	44	40	33	30	27	25	23	22	22	22	23	26	29	31	33	35	37	33
July/Julie	23	25	26	28	30	32	33	33	30	26	22	19	17	15	14	13	13	14	15	16	18	19	20	22	22
August/Augustus	19	20	21	21	22	23	24	24	22	19	16	15	13	13	12	11	11	11	12	14	15	16	17	18	17
September	25	27	28	30	30	31	32	31	28	26	24	22	19	17	16	15	15	16	17	18	20	21	23	24	23
October/Oktober	22	23	24	24	25	25	25	22	19	17	15	14	14	14	13	13	13	13	15	16	17	18	19	20	18
November	25	26	27	28	28	29	29	28	24	21	19	17	15	14	14	14	15	15	16	19	21	22	23	24	21
December/Desember	40	42	42	44	46	47	47	44	38	33	31	29	27	26	26	27	27	30	32	35	36	37	39	39	36
Year/Jaar	40	41	42	43	43	44	44	42	38	33	30	28	25	24	24	24	24	25	28	31	33	35	37	38	34

MEAN HOURLY VALUES OF RELATIVE HUMIDITY (%)

GEMIDDELDE UURLIKSE WAARDES VAN RELATIEWE VOGTIGHEID (%)

1946

No. 740/154 MEKERDOM. ϕ = 22° 34'S; λ = 17° 06'E; h_t = 4 vt/ft; H = 5,666 vt/ft.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	No.
January/Januarie	43	43	44	43	44	44	44	42	37	33	30	27	25	24	24	24	24	27	29	32	36	38	41	42	35
February/Februarie	46	48	50	53	53	54	55	52	46	41	39	34	31	30	30	28	30	31	33	37	41	41	42	45	41
March/Maart	47	48	49	51	52	53	54	52	46	42	37	32	29	27	27	27	28	30	32	35	38	40	43	45	40
April	49	50	51	53	54	55	56	54	46	41	37	34	31	30	29	29	30	33	36	39	41	43	44	45	42
May/Mei	37	39	41	42	43	44	46	46	40	36	31	27	24	22	22	21	22	24	26	28	31	32	34	36	33
June/Junie	44	46	47	49	51	52	52	52	46	41	36	32	29	27	27	25	26	29	31	34	37	39	41	42	39
July/Julie	35	36	38	39	39	40	40	40	36	32	28	25	23	21	20	19	20	22	24	26	29	31	32	33	30
August/Augustus	32	34	35	36	37	37	37	37	32	28	25	23	21	20	19	18	18	19	22	24	26	28	29	31	28
September	29	30	31	32	33	33	33	32	27	23	20	17	15	14	14	14	14	15	17	18	21	24	26	27	23
October/Oktober	29	30	30	31	31	31	30	26	21	20	19	17	16	16	16	15	16	17	19	22	24	25	26	28	23
November	30	31	31	31	32	34	34	31	25	23	19	18	17	16	16	17	18	19	20	23	25	26	27	29	25
December/Desember	44	46	46	45	45	46	44	39	35	31	28	26	25	26	30	29	30	35	37	40	40	42	43	43	37
Year/Jaar	39	40	41	42	43	44	44	42	36	33	29	26	24	23	23	22	23	25	27	30	32	34	36	37	33

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	No.
January/Januarie																									
February/Februarie																									
March/Maart																									
April																									
May/Mei																									
June/Junie																									
July/Julie																									
August/Augustus																									
September																									
October/Oktober																									
November																									
December/Desember																									
Year/Jaar																									

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	No.
January/Januarie																									
February/Februarie																									
March/Maart																									
April																									
May/Mei																									
June/Junie																									
July/Julie																									
August/Augustus																									
September																									
October/Oktober																									
November																									
December/Desember																									
Year/Jaar																									

MEAN HOURLY VALUES OF PRESSURE (MBS.) — GEMIDDELDE UURLIKSE WAARDES VAN LUGDRUK (MBS.) — 1941

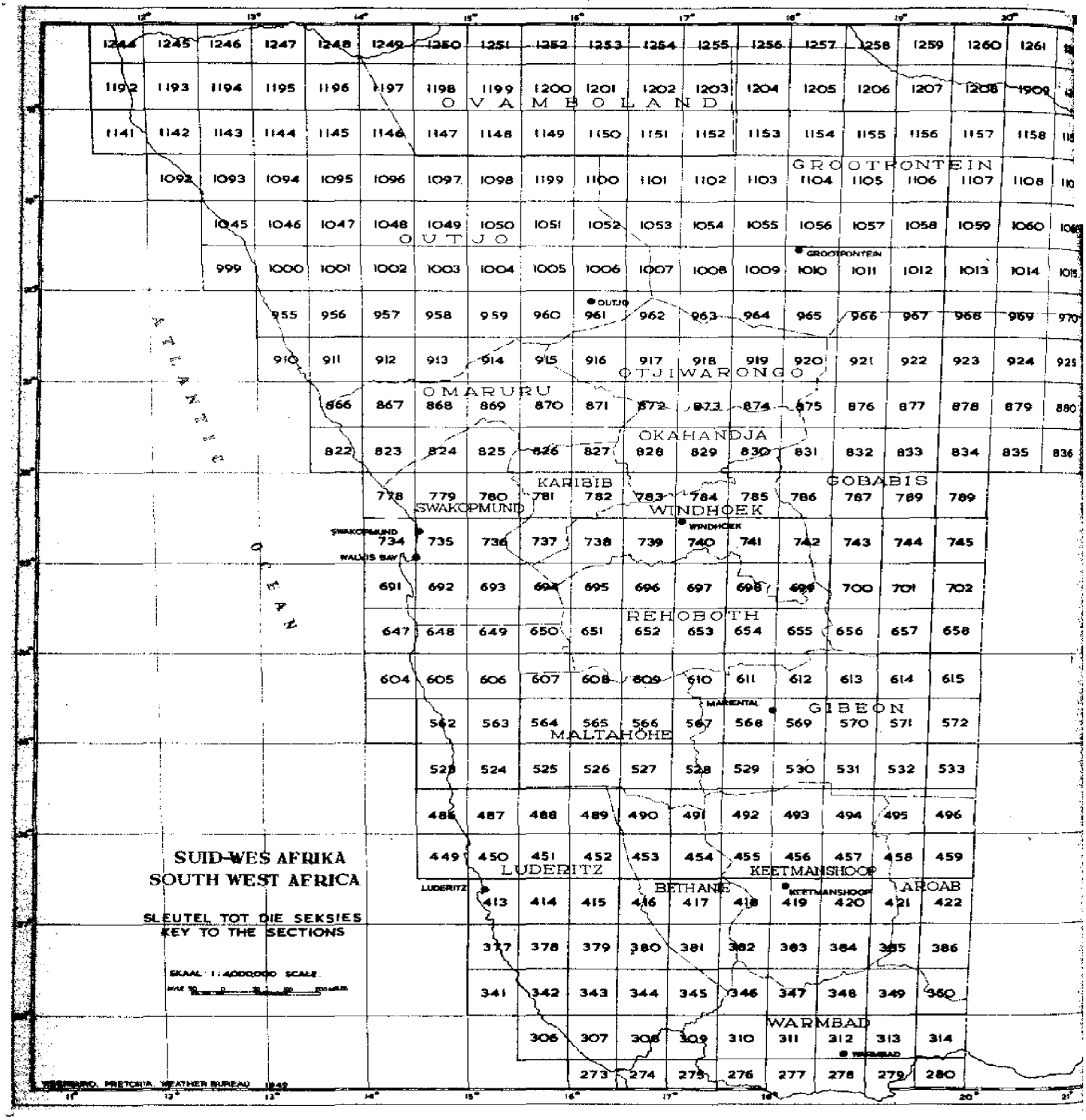
No. 419/215 KEETMANSHOOP (Dorp/Town). ϕ = 26° 35'S; λ = 18° 08'E; Pa at/by 1,000 gdm.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Ma.
January/Januarie	898.2	898.1	897.8	897.8	898.0	898.2	898.6	898.9	899.0	898.9	898.7	898.5	898.0	897.1	896.4	895.8	895.4	895.3	895.5	896.0	896.7	897.6	898.1	898.2	897.5
February/Februarie	898.0	897.8	897.6	897.6	897.6	898.0	898.4	898.7	899.0	898.9	898.7	898.4	897.7	897.0	896.3	895.8	895.3	895.1	895.5	896.0	896.7	897.4	898.0	898.2	897.4
March/Maart	899.3	899.3	899.0	899.0	899.0	899.3	899.5	900.0	900.3	900.3	900.2	899.7	899.0	898.4	897.7	897.1	896.8	896.7	897.0	897.7	898.2	898.7	899.0	899.3	898.8
April	901.7	901.7	901.6	901.4	901.4	901.6	902.0	902.4	902.7	903.0	902.7	902.4	901.6	900.7	900.0	899.8	899.7	899.8	900.0	900.6	901.1	901.6	901.7	901.7	901.4
May/Mei	902.9	902.9	902.7	902.6	902.6	902.7	902.9	903.3	903.8	904.0	904.0	903.5	902.9	902.0	901.4	901.1	901.1	901.3	901.7	902.2	902.5	902.7	902.9	903.0	902.6
June/Junie	907.3	907.3	907.3	907.1	907.1	907.1	907.4	907.8	908.2	908.6	908.8	908.2	907.5	906.6	906.1	905.8	905.8	906.0	906.2	907.0	906.9	907.3	907.4	907.4	907.2
July/Julie	905.7	905.6	905.4	905.4	905.4	905.4	905.7	906.1	906.5	907.0	907.0	906.6	905.8	904.8	904.3	904.0	904.0	904.2	904.4	905.0	905.3	905.7	905.8	905.8	905.5
August/Augustus	905.7	905.6	905.4	905.3	905.3	905.4	905.7	906.1	906.6	906.9	906.7	906.4	905.6	904.6	904.0	903.5	903.5	903.7	903.9	904.4	904.8	905.1	905.4	905.4	905.2
September	902.6	902.5	902.4	902.1	902.2	902.5	902.9	903.3	903.7	903.4	903.7	903.1	902.5	901.6	900.8	900.4	900.4	900.6	900.8	901.4	902.0	902.5	902.6	902.7	902.2
October/Oktober	900.2	900.0	899.8	899.7	899.8	900.2	900.6	901.0	901.1	901.1	900.8	900.3	899.5	898.9	898.2	897.7	897.6	897.6	898.0	898.6	899.3	899.8	899.9	900.0	899.6
November	898.7	898.5	898.4	898.4	898.5	899.0	899.4	899.7	899.8	899.4	899.3	898.7	898.2	897.4	896.7	896.0	895.8	895.9	896.3	897.0	897.6	898.4	898.7	898.9	898.1
December/Desember	898.7	898.6	898.5	898.4	898.5	898.9	899.3	899.7	899.8	899.8	899.4	899.0	898.5	897.8	897.1	896.4	896.0	895.9	896.2	896.7	897.3	898.1	898.6	898.7	898.2
Year/Jaar	901.6	901.5	901.3	901.2	901.3	901.5	901.9	902.3	902.5	902.6	902.5	902.1	901.4	900.6	899.9	899.5	899.3	899.3	899.6	900.2	900.7	901.2	901.5	901.6	901.1

No. 740/150 WINDHOEK. ϕ = 22° 34'S; λ = 17° 06'E; Pa at/by 1,700 gdm. 1941

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Ma.
January/Januarie	827.3	826.8	826.4	826.0	826.0	826.3	826.9	827.3	827.4	827.5	827.4	827.1	826.7	826.2	825.5	824.8	824.3	824.5	824.8	825.5	826.4	827.0	827.5	827.5	826.4
February/Februarie	827.5	827.1	826.6	826.4	826.3	826.5	827.2	827.6	827.8	827.9	827.8	827.4	826.8	826.3	825.7	824.9	824.7	824.9	825.2	825.8	826.6	827.2	827.6	827.6	826.6
March/Maart	828.3	828.2	827.8	827.6	827.6	827.9	828.3	828.7	829.1	829.2	829.0	828.5	828.0	827.4	826.7	826.3	826.2	826.3	826.6	827.1	827.7	828.1	828.3	828.4	827.8
April	830.4	830.2	830.0	829.8	829.8	830.0	830.3	830.7	831.2	831.5	831.5	831.0	830.3	829.7	829.0	828.8	828.6	828.8	829.1	829.6	830.1	830.3	830.5	830.4	830.1
May/Mei	830.7	830.5	830.4	830.2	830.1	830.2	830.5	831.0	831.4	831.7	831.7	831.2	830.5	829.8	829.2	829.0	829.1	829.3	829.7	830.2	830.6	830.8	830.9	830.9	830.4
June/Junie	834.3	834.2	834.0	833.8	833.7	833.7	833.9	834.3	834.8	835.2	835.2	834.8	834.1	833.3	832.7	832.5	832.6	832.9	833.3	833.7	834.1	834.3	834.5	834.5	833.9
July/Julie	832.8	832.7	832.5	832.3	832.3	832.3	832.6	833.0	833.5	833.8	834.0	833.6	832.9	832.0	831.4	831.1	831.2	831.4	831.7	832.1	832.5	832.8	832.9	832.9	832.5
August/Augustus	832.9	832.7	832.5	832.3	832.2	832.2	832.6	833.0	833.4	833.7	833.8	833.5	832.8	831.9	831.2	830.8	830.8	831.0	831.3	831.8	832.3	832.6	832.8	832.8	832.4
September	830.8	830.5	830.2	829.9	829.9	830.1	830.5	831.0	831.4	831.5	831.4	831.0	830.2	829.6	829.0	828.6	828.6	828.7	829.1	829.7	830.3	830.7	830.9	830.9	830.2
October/Oktober	828.7	828.3	828.0	827.8	827.9	828.1	828.5	828.9	829.3	829.3	829.2	828.7	828.1	827.5	826.9	826.5	826.5	826.6	827.1	827.8	828.3	828.8	829.0	828.9	828.1
November	827.8	827.3	827.1	827.0	827.1	827.3	827.8	828.1	828.3	828.4	828.2	827.8	827.3	826.6	826.0	825.6	825.2	825.4	825.8	826.5	827.2	827.7	828.1	828.0	827.1
December/Desember	828.2	827.9	827.6	827.4	827.3	827.5	827.9	828.3	828.5	828.5	828.4	828.2	827.7	827.1	826.7	826.3	825.9	826.0	826.3	826.8	827.4	827.8	828.3	828.4	827.5
Year/Jaar	830.0	829.7	829.4	829.2	829.2	829.3	829.7	830.2	830.5	830.7	830.6	830.2	829.6	829.0	828.3	827.9	827.8	828.0	828.3	828.9	829.5	829.8	830.1	830.1	829.4

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Ma.
January/Januarie																									
February/Februarie																									
March/Maart																									
April																									
May/Mei																									
June/Junie																									
July/Julie																									
August/Augustus																									
September																									
October/Oktober																									
November																									
December/Desember																									
Year/Jaar																									


OVAMBOLAND
GROOTFONTEIN
OUTJO
OMARURU
OTJIWARONGO
OKAHANDJA
KARIBIB
GOBABIS
SWAKOPMUND
WINDHOEK
REHOBOTH
MARIENTAL
GIBEON
MALTAHÖHE
LUDERITZ
KEETMANSHOOP
BETHANIE
ARoAB
WARMBAD
WALVIS BAY
SUID-WES AFRIKA
SOUTH WEST AFRIKA
SLEUTEL TOT DIE SEKSIES
KEY TO THE SECTIONS
SKAAL 1:4000000 SCALE

RAINFALL –1946– REËNVAL

No.	STATION STASIE	S. Latitude S. Breedtegr	E. Longitude O. Lengtegr	Height Hoogte Feet Voet	Jan. Inches Duime	Jan. Days-Dae	Feb. Inches Duime	Feb. Days-Dae	Mar-Mrt Inches Duime	Mar-Mrt Days-Dae	April. Inches Duime	April. Days-Dae	May-Mei Inches Duime	May-Mei Days-Dae	Jun. Inches Duime	Jun. Days-Dae	Jul. Inches Duime	Jul. Days-Dae	Aug. Inches Duime	Aug. Days-Dae	Sept. Inches Duime	Sept. Days-Dae	Oct-Okt Inches Duime	Oct-Okt Days-Dae	Nov. Inches Duime	Nov. Days-Dae	Dec-Des Inches Duime	Dec-Des Days-Dae	Year-Jaar. Inches Duime	Year-Jaar. Days-Dae	Season Seisoen 1/7/45 to/tot 30/6/46. Ins. Duime	Season Seisoen 1/7/45 to/tot 30/6/46. D.
54	Dreihuk	28°04'	18°33'	2953	0.02	1	2.14	4	0.33	1	1.25	6	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	3.74	12	4.07	16
427	Warmbad	28 27	18 44	2362	0.00	0	0.14	2	0.09	2	0.70	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.93	8	1.02	12
422	Karasburg	28 02	18 45	3325	0.00	0	0.51	2	0.10	1	1.39	5	0.18	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.18	1	2.36	11	2.45	14
457	Hamrivier	28 07	19 16	2536	0.00	0	0.16	1	0.00	0	1.00	4	0.19	1	0.00	0	0.02	1	0.00	0	0.41	1	0.00	0	0.00	0	0.00	0	1.78	8	1.37	7
32	Heirachabis	28 02	19 32	2625	0.00	0	0.09	2	0.00	0	0.94	5	0.15	3	0.00	0	0.00	0	0.00	0	0.14	1	0.02	1	0.00	0	0.07	2	1.41	14	1.57	12
577	Ariamsvlei	28 07	19 50	2538	0.64	1	0.13	2	0.00	0	1.74	4	0.00	0	0.00	0	0.00	0	0.00	0	0.24	1	0.00	0	0.00	0	0.83	1	3.58	9	2.75	6
231	Kanus	27 51	18 38	3233	0.00	0	0.48	3	0.00	0	0.90	5	0.12	1	0.00	0	0.00	0	0.00	0	0.00	0	0.15	2	0.00	0	0.41	1	2.06	12	1.83	11
158	Blinkoog	27 38	19 06	-	0.37	3	0.32	4	0.00	0	1.35	5	0.18	3	0.01	1	0.00	0	0.00	0	0.39	1	0.14	1	0.00	0	1.24	4	4.00	22	3.20	23
23	Noachabeb	27 23	18 31	4793	0.00	0	0.14	2	0.01	1	0.22	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.37	5	0.57	8
68	Tränental Ops	27 08	19 33	-	0.49	3	0.49	2	0.33	3	1.73	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	3.04	12	3.25	14
158	Luderitz Bay	26 38	15 06	74	0.00	0	0.00	0	0.00	0	0.07	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.13	2	0.06	1	0.01	1	0.00	0	0.27	5	0.17	4
551	Aus	26 41	16 19	4742	0.00	0	0.00	0	0.26	1	0.38	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.30	2	0.88	2	0.00	0	0.16	1	1.98	8	1.35	8
310	Tschaunaup	26 40	17 44	-	0.43	3	0.59	1	0.00	0	0.92	5	0.31	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.02	1	2.27	13	2.94	18
215	Keetmanshoop (Town/Dorp)	26 35	18 08	3295	0.25	3	0.45	5	0.05	3	1.40	2	0.05	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.09	1	0.10	2	2.39	19	3.48	23
696	Salstal	26 36	19 24	-	0.02	1	1.20	4	0.76	3	0.63	4	0.09	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.02	1	1.33	3	4.05	18	(3.48 | 20)
536	Lowsvley	26 58	19 48	-	0.49	3	0.87	1	0.40	2	0.09	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.37	1	2.22	8	2.01	10
270	Bethanie	26 30	17 10	3068	0.86	4	0.21	2	0.00	0	0.28	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.27	2	0.00	0	0.33	4	1.95	14	3.04	15
583	Sinclair	25 43	16 20	-	0.00	0	0.41	2	0.00	0	0.52	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.43	1	1.36	6	2.62	12
132	Aruab	25 42	16 35	5577	0.36	4	0.44	2	0.08	2	0.08	2	0.00	0	0.00	0	0.00	0	0.00	0	0.10	1	0.02	1	0.12	1	0.16	1	1.36	14	4.92	19
153	Achtarfontein	25 33	17 36	-	0.44	4	0.71	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.48	4	1.63	9	1.74	10
233	Tses	25 53	18 08	3155	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.26	1	0.00	0	0.26	1	0.00	0
534	Grabstein	25 54	19 18	-	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.22	2	0.22	2	0.62	4
428	Gibeon	25 08	17 45	3707	0.00	0	0.87	3	0.81	2	0.31	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.02	1	0.00	0	1.03	5	3.04	15	2.78	19
449	Faalgras	25 29	17 45	-	0.49	3	1.45	5	0.07	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.13	1	0.75	5	2.89	16	2.42	14
452	Kransplats	25 02	17 46	3609	0.23	3	0.83	2	0.66	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.07	1	0.37	3	2.16	12	2.66	18
618	Parnip	25 18	18 51	-	0.05	2	0.84	3	1.35	4	0.14	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	2.18	5	4.56	17	4.74	19
666	Friedland	24 36	16 23	-	0.33	3	0.30	4	0.31	1	0.22	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.13	2	1.29	12	5.79	20
860	Maltahöhe	24 50	16 59	4593	0.04	1	0.00	0	0.36	2	0.43	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.16	1	0.99	6	4.40	16
35	Sandhof	24 35	17 02	4429	0.48	4	0.16	1	0.50	2	0.41	3	0.02	1	0.00	0	0.00	0	0.00	0	0.00	0	0.02	1	0.00	0	1.09	4	2.68	16	6.77	29
738	Voigtsgrund	24 48	17 25	4183	0.14	5	0.93	5	0.59	3	0.96	4	0.01	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.45	1	0.69	9	3.77	28	6.24	33
628	Haruchas	24 58	18 51	3500	-	-	1.62	3	1.09	3	0.16	2	0.00	0	0.00	0	0.00	0	0.40	0	0.00	0	0.00	0	0.03	1	1.31	4	(4.21	13)	(3.46	12)
57	Lahnstein	24 27	16 32	4593	0.94	4	0.00	0	0.16	1	0.83	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.93	9	6.36	18
270	Urusis	24 30	16 39	4593	0.37	5	0.02	1	0.35	5	0.21	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.06	1	0.16	1	1.17	15	4.13	25
734	Arusis	24 14	16 55	-	0.18	1	0.00	0	1.27	1	0.83	4	0.02	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.22	1	0.51	6	3.03	14	3.77	11
884	Kub	24 14	17 30	3937	0.19	2	1.17	4	0.48	4	0.51	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.43	2	2.78	15	5.56	23

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RAINFALL —1946— REËNVAL

No.	STATION STASIE	S. Latitude S. Breedtegr	E. Longitude O. Lengtegr	Height Hoogte Feet Voet	Jan. Inches Duime	Jan. Days-Dae	Feb. Inches Duime	Feb. Days-Dae	Mar-Mrt Inches Duime	Mar-Mrt Days-Dae	April. Inches Duime	April. Days-Dae	May-Mei Inches Duime	May-Mei Days-Dae	Jun. Inches Duime	Jun. Days-Dae	Jul. Inches Duime	Jul. Days-Dae	Aug. Inches Duime	Aug. Days-Dae	Sept. Inches Duime	Sept. Days-Dae	Oct-Okt Inches Duime	Oct-Okt Days-Dae	Nov. Inches Duime	Nov. Days-Dae	Dec-Des Inches Duime	Dec-Des Days-Dae	Year-Jaar. Inches Duime	Year-Jaar. Days-Dae	Season Seisoen 1/7/45 to/tot 30/6/46. Ins. Duime	Season Seisoen 1/7/45 to/tot 30/6/46. D.
611/146	Zamarib Ost	24°26	17°35'	-	0.00	0	1.26	3	0.98	1	0.22	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.04	1	2.50	6	4.42	11
611/823	Twilight	24 13	17 58	-	0.35	2	0.53	3	0.22	2	0.21	1	0.37	2	0.00	0	0.00	0	0.00	0	0.00	0	0.07	1	0.00	0	0.39	3	2.14	14	(2.95	19)
612/865	Osterode Süd	24 25	18 29	-	0.08	2	1.44	3	0.56	3	0.42	4	0.09	2	0.00	0	0.00	0	0.00	0	0.08	1	0.18	3	0.06	1	0.77	5	3.68	24	4.34	25
613/375	Kameelbaum	24 15	18 43	-	0.08	2	1.02	4	0.25	4	0.58	6	0.07	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.01	1	0.84	2	2.85	20	5.46	31
614/2	Nabus-Vogelweide	24 02	19 01	-	0.26	2	0.18	2	1.26	5	0.56	4	0.00	0	0.00	0	0.00	0	0.00	0	0.06	2	0.00	0	0.32	2	0.15	3	2.79	20	4.58	25
653/343	Tsumis	24 43	17 12	4659	0.48	2	0.04	1	0.78	3	0.34	5	0.00	0	0.00	0	0.00	0	0.00	0	0.02	1	0.06	1	0.04	1	1.36	7	3.12	21	5.18	24
654/802	Bitterwasser	23 52	17 57	-	0.30	1	0.50	3	0.47	1	0.33	5	0.06	1	0.00	0	0.00	0	0.00	0	0.01	1	0.00	0	0.00	0	1.03	5	2.70	17	3.61	26
654/842	Rhainpfalz	23 32	17 59	-	0.00	0	1.57	5	0.78	5	0.32	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.92	4	3.59	16	5.15	29
655/503	Gonchanas Ost	23 53	18 17	-	0.50	4	0.46	2	0.69	4	0.57	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.08	1	2.72	5	5.02	20	6.52	24
656/541	Pretorius	23 31	18 49	-	0.04	1	1.11	3	0.59	2	0.14	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.47	2	2.35	9	4.95	15
696/183	Mahonda	23 03	16 37	-	0.11	2	0.34	2	0.31	4	0.86	6	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.02	1	2.47	8	4.11	23	7.53	24
696/492	Naos	23 12	16 47	-	0.05	2	0.45	2	0.67	4	0.62	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.88	8	3.67	20	6.89	27
697/543	Wortel	23 03	17 19	4937	0.12	3	0.13	3	0.26	1	1.55	7	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.02	2	0.79	2	3.23	10	6.10	28	6.17	32
698/778	Beenbreck	23 28	17 56	-	0.02	1	2.79	5	0.72	1	0.11	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.84	3	4.48	13	5.03	16
699/52	Dornenpfanne	23 22	18 02	4265	0.12	2	1.08	4	1.07	2	1.39	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.07	-	0.00	0	1.81	8	5.54	20)	6.63	21
700/500	Chamaseris	23 20	18 47	-	0.79	4	2.04	6	0.22	2	0.60	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.94	4	1.47	7	6.06	27	6.31	28
734/897	Walvis Bay (Mission)	22 57	14 30	9	0.00	0	0.01	1	0.04	2	0.06	1	0.02	1	0.01	1	0.01	1	0.02	1	0.05	2	0.00	0	0.00	0	0.23	2	0.45	12	0.38	20
735/11	Swakopmund	22 41	14 31	38	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.14	2	0.14	2	0.22	2
737/527	Donkerhuk	23 47	15 48	-	0.00	0	0.26	1	0.13	3	0.19	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.62	2	1.20	9	4.73	22
738/166	Aunanis	23 46	16 06	-	0.32	3	0.00	0	0.00	0	0.31	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.79	5	1.42	10	9.40	22
740/124	Windhoek (North)	22 34	17 05	5428	0.15	5	0.39	5	1.12	7	1.16	5	0.00	0	0.00	0	0.00	0	0.00	0	0.03	1	0.00	0	0.30	5	2.26	12	5.41	40	8.66	43
740/1244	Windhoek (Convent)	22 34	17 05	5428	0.17	5	0.16	3	0.87	4	0.91	4	0.00	0	0.00	0	0.00	0	0.00	0	0.03	2	0.04	1	0.30	4	2.22	9	4.70	32	7.68	37
740/1248	Windhoek (Waterworks)	22 34	17 05	5428	0.02	2	0.63	4	0.93	5	0.74	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.08	1	0.27	3	1.63	12	4.30	31	7.58	34
740/135	Krushuk	22 45	17 05	-	0.41	3	0.20	4	0.35	4	0.60	6	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.27	6	3.16	10	4.99	33	6.15	34
740/154	Windhoek (Met. Office/Kantoor)	22 34	17 06	5666	0.17	7	0.36	6	0.94	8	0.57	7	0.00	0	0.00	0	0.00	0	0.00	0	0.03	1	0.05	1	0.25	4	1.20	12	3.57	46	7.53	52
740/185	Klein Windhoek (Mission)	22 34	17 07	5700	0.14	6	0.38	5	0.97	4	0.66	6	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.18	1	0.21	4	1.16	8	3.70	34	8.63	43
740/215	Avis Dam	22 35	17 08	-	0.13	3	0.63	5	0.64	5	0.87	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.14	1	0.29	1	0.90	12	3.60	31	7.52	37
740/224	Aris	22 44	17 08	5864	0.26	3	0.57	5	0.37	3	1.17	5	0.00	0	0.00	0	0.00	0	0.00	0	0.09	1	0.00	0	0.43	3	2.16	6	5.05	26	6.51	31
740/667	Binsenheim	22 47	17 23	-	0.41	6	1.94	6	0.76	5	0.97	7	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.10	2	1.58	11	5.76	37	7.38	47
740/792	Hohenau	22 42	17 27	-	0.33	4	0.72	5	0.40	4	0.19	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.01	1	0.20	2	2.37	7	4.22	27	4.20	32
740/805	Langbeen	22 55	17 27	-	0.12	2	1.22	6	1.21	7	1.81	7	0.00	0	0.00	0	0.00	0	0.00	0	0.04	2	0.00	0	0.42	2	1.89	10	6.71	36	8.13	40
741/326	Dordabis	22 56	17 [illegible]	-	0.51	3	0.95	5	0.78	5	0.89	5	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.03	1	0.73	5	2.14	7	6.03	31	7.38	32
741/587	Klaesforte	22 47	17 5[illegible]	-	0.40	6	0.41	4	0.30	6	0.48	4	0.00	0	0.00	0	0.00	0	0.00	0	0.04	1	0.05	2	0.06	2	0.99	8	2.73	33	4.09	37
743/349	Chab	22 [illegible]	18 [illegible]	-	[illegible]	-	0.61	-	0.98	-	1.11	-	0.00	-	0.00	-	0.00	-	0.00	-	0.00	-	0.17	-	0.39	-	2.15	-	5.66	-	6.17	-
743/370	Schallenberg	22 40	18 43	-	0.29	4	1.52	5	0.79	6	0.61	4	0.00	0	0.00	0	0.00	0	0.00	0	0.05	2	0.23	1	0.39	4	1.60	11	5.48	37	9.92	32

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No.	STATION STASIE	S. Latitude S. Breedtegr	E. Longitude O. Lengtegr	Height Hoogte Feet Voet	Jan. Inches Duime	Jan. Days-Dae	Feb. Inches Duime	Feb. Days-Dae	Oct-Okt Inches Duime	Oct-Okt Days-Dae	April. Inches Duime	April. Days-Dae	May-Mei Inches Duime	May-Mei Days-Dae	Jun. Inches Duime	Jun. Days-Dae	Jul. Inches Duime	Jul. Days-Dae	Aug. Inches Duime	Aug. Days-Dae	Sept. Inches Duime	Sept. Days-Dae	Oct-Okt Inches Duime	Oct-Okt Days-Dae	Nov. Inches Duime	Nov. Days-Dae	Dec-Des Inches Duime	Dec-Des Days-Dae	Year-Jaar Inches Duime	Year-Jaar Days-Dae	Season Seisoen 1/7/45 to/tot 30/6/46. Ins. Duime	Season Seisoen 1/7/45 to/tot 30/6/46. D.
743/406	Kunewus	22°46'	18°44'	-	0.18	1	0.42	5	0.89	5	0.75	5	0.00	0	0.00	0	0.00	0	0.00	0	0.03	2	0.16	1	0.63	2	1.62	5	4.68	26	8.37	30
743/667	Boxhagen	22 37	16 53	-	0.28	4	1.91	8	0.42	3	0.46	5	0.00	0	0.00	0	0.00	0	0.00	0	0.16	2	0.16	4	0.61	4	1.47	9	5.47	[illegible]	10.40	39
744/459	Gaus	22 39	19 16	-	1.93	6	0.34	3	2.28	3	0.20	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.10	2	0.80	5	2.79	8	8.44	28	14.53	31
782/146	Kurikaub Nord	22 26	16 05	-	0.07	1	0.00	0	0.06	4	0.78	5	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.30	4	2.15	14	3.36	25
782/557	Lisvanberg	22 17	16 19	-	0.00	0	0.13	2	0.13	1	0.32	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.12	1	0.74	4	[illegible]	9	0.50	20
782/704	Westfalenhof	22 14	16 24	-	0.33	2	0.19	2	0.00	0	0.23	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	2.06	7	2.81	13	6.36	20
782/873	Erora Ost	22 03	16 30	4921	0.68	6	0.15	1	0.19	4	0.77	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	3.89	12	5.68	27	6.68	34
783/577	Okaundua	22 07	16 50	-	0.17	3	0.28	1	0.24	1	0.56	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.38	3	3.14	5	[illegible]	17	7.98	37
784/720	Ondekaremba	22 30	17 24	5660	0.37	4	0.79	4	0.49	5	0.36	7	0.00	0	0.00	0	0.00	0	0.00	0	0.03	1	0.03	2	0.51	5	2.39	9	4.97	37	7.18	37
784/723	Otjosonjati	22 03	17 25	-	2.38	-	1.11	-	0.39	-	1.42	-	0.01	-	0.00	-	0.00	-	0.00	-	0.00	-	0.00	-	1.85	-	2.32	-	9.48	-	14.80	-
785/297	Excelsior	22 27	17 40	-	0.35	1	2.03	4	0.16	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	2.10	6	2.44	13	(8.56	31)
785/378	Randfeld	22 18	17 43	-	0.32	4	0.97	5	0.19	4	0.72	4	0.00	0	0.00	0	0.00	0	0.00	0	0.10	1	0.11	3	0.14	2	2.02	6	4.56	29	7.65	35
785/490	Okahua	22 10	17 47	-	4.52	7	0.38	3	0.18	1	0.73	5	0.00	0	0.00	0	0.00	0	0.00	0	0.04	1	0.20	3	1.10	4	2.09	7	9.24	31	15.44	35
786/283	Omateva	22 13	18 10	-	0.61	5	0.58	2	0.75	5	0.35	4	0.00	0	0.00	0	0.00	0	0.00	0	0.06	1	0.21	4	0.47	4	2.18	6	5.21	31	9.94	32
786/865	Witvlei	22 25	18 29	4692	0.10	1	0.85	3	0.66	2	0.39	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.60	4	0.71	4	[illegible]	16	7.96	34
787/121	Schlesier Farm	22 01	18 35	-	0.74	3	3.83	8	2.87	3	0.88	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.64	5	0.78	1	4.92	6	14.66	28	16.95	31
787/712	Karlsruh	22 22	18 54	4675	0.41	4	1.23	5	1.43	6	0.56	4	0.00	0	0.00	0	0.00	0	0.00	0	0.34	2	0.85	4	1.06	3	0.74	2	6.62	30	9.63	33
787/838	Gobabis	22 28	18 58	4741	0.06	4	1.59	8	1.47	4	0.00	0	0.01	1	0.00	0	0.00	0	0.00	0	0.12	2	0.40	8	0.39	4	1.21	6	5.25	37	5.50	25
825/824	Kududis	21 44	15 28	-	0.02	-	0.04	-	0.18	-	0.69	-	0.00	-	0.00	-	0.00	-	0.00	-	0.00	-	0.00	-	0.00	-	1.11	-	2.04	-	5.09	-
826/596	Karibib	21 56	15 50	3842	0.79	1	0.00	0	0.24	1	0.23	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.12	1	0.34	3	1.72	8	8.98	16
828/655	Okakango	21 55	16 52	-	0.41	6	0.40	4	0.22	6	1.91	5	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.04	2	2.04	11	5.02	34	9.77	42
828/739	Okamita	21 49	16 55	4692	0.08	3	0.52	5	0.07	3	0.44	5	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.02	1	0.26	3	3.01	12	4.40	32	7.56	31
828/748	Okahandja	21 58	16 55	4387	0.51	6	0.17	3	0.44	6	0.33	6	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.09	1	0.10	3	3.20	13	4.84	38	7.90	44
829/225	Otjombali	21 45	17 08	-	1.29	8	1.55	7	0.69	5	0.57	3	0.00	0	0.00	0	0.00	0	0.00	0	0.02	2	0.69	4	0.63	6	1.03	9	6.47	44	11.74	42
829/290	Waldfriede	21 50	17 10	-	0.94	3	0.92	7	0.11	1	1.20	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.12	1	0.29	3	3.61	8	7.19	27	7.87	33
829/598	Asgard	21 58	17 20	-	1.98	3	0.99	5	0.40	3	1.35	7	0.00	0	0.00	0	0.00	0	0.00	0	0.06	1	0.56	2	0.82	3	2.28	8	8.44	32	(13.78	39)
829/648	Otjiruse	21 48	17 22	-	2.56	8	2.91	8	0.14	1	0.84	3	0.00	0	0.00	0	0.00	0	0.00	0	0.16	1	0.38	3	0.59	3	2.85	7	10.43	34	13.99	44
830/557	Wasihoek	21 47	17 49	-	0.60	5	0.38	4	1.93	4	0.40	4	0.00	0	0.00	0	0.00	0	0.00	0	0.02	1	0.29	1	0.69	3	3.00	8	7.31	30	9.32	38
831/439	Steinhausen	21 49	18 15	4757	1.57	5	1.37	5	1.64	5	0.41	2	0.00	0	0.00	0	0.00	0	0.00	0	0.27	2	0.10	3	1.10	3	2.42	8	8.88	33	10.66	36
833/222	Epukiro	21 42	19 08	4593	0.91	4	2.70	8	0.71	3	0.22	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.52	4	1.09	4	2.70	6	8.85	31	(11.84	34)
833/753	Epukiro Reserve	21 33	19 26	-	1.06	3	3.99	7	0.67	3	0.12	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.11	1	1.06	1	7.01	16	13.24	30
870/403	Etendero	21 13	15 44	-	0.57	4	0.08	1	0.09	1	0.49	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.18	2	4.45	13	5.86	24	12.37	29
870/775	Omuruu	21 25	15 56	3973	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.25	2	3.62	7	3,87	9	7.94	21
871/33	Weissenfels	21 03	16 02	5003	0.41	3	0.00	0	0.54	2	0.26	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.74	3	2.94	12	5.89	23	(13.36	32)
871/278	Eheratengua	21 08	16 10	-	0.51	4	0.22	1	0.35	4	0.05	1	0.00	0	0.00	0	0.00	0	0.00	0	0.02	1	0.00	0	1.27	3	4.46	9	6.88	23	11.51	33

RAINFALL –1946– REËNVAL

No.	STATION STASIE	S. Latitude S. Breedtegr	E. Longitude O. Lengtegr	Height Hoogte Feet Voet	Jan. Inches Duime	Jan. Days-Dae	Feb. Inches Duime	Feb. Days-Dae	Mar-Mrt Inches Duime	Mar-Mrt Days-Dae	April. Inches Duime	April. Days-Dae	May-Mei Inches Duime	May-Mei Days-Dae	Jun. Inches Duime	Jun. Days-Dae	Jul. Inches Duime	Jul. Days-Dae	Aug. Inches Duime	Aug. Days-Dae	Sept. Inches Duime	Sept. Days-Dae	Oct-Okt Inches Duime	Oct-Okt Days-Dae	Nov. Inches Duime	Nov. Days-Dae	Dec-Dee Inches Duime	Dec-Dee Days-Dae	Year-Jaar Inches Duime	Year-Jaar Days-Dae	Season Seisoen 1/7/45 to/tot 30/6/46. Ins. Duime	Season Seisoen 1/7/45 to/tot 30/6/46. D.
871/363	Onbona	21°03'	16°13'	-	0.19	4	0.00	0	0.78	3	0.33	3	0.00	0	0.00	0	0.00	0	0.00	0	0.14	1	0.05	3	0.67	5	3.87	15	6.03	34	11.17	34
873/322	Okakuya	21 22	17 11	-	0.37	4	1.29	3	0.49	3	0.68	1	0.00	0	0.00	0	0.00	0	0.00	0	1.27	1	0.00	0	0.01	1	2.30	3	6.41	16	9.07	30
873/397	Otjikururume	21 07	17 14	-	0.92	7	0.73	6	0.23	5	0.90	3	0.00	0	0.00	0	0.00	0	0.00	0	0.04	1	0.21	2	0.27	3	2.82	8	6.12	35	9.21	44
873/451	Ondakaremba Nord	21 01	17 16	-	0.36	2	0.96	6	1.08	4	0.53	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.46	1	0.33	2	1.77	3	5.49	20	8.69	33
874/600	Enguramau	21 30	17 50	-	0.00	0	1.59	5	0.24	1	0.75	1	0.00	0	0.00	0	0.00	0	0.00	0	0.63	2	0.22	1	0.63	-	0.84	4	4.90	(14)	13.91	25
875/107	Kalidona	21 17	18 04	-	0.79	6	2.05	5	0.29	3	1.32	4	0.00	0	0.00	0	0.00	0	0.00	0	0.02	1	1.11	4	1.17	8	3.64	7	10.39	38	(13.90	39)
875/194	Ongorussengo	21 14	18 07	-	0.09	2	2.07	5	0.62	5	1.81	4	0.00	0	0.00	0	0.00	0	0.00	0	0.01	1	0.77	3	0.85	6	2.75	6	8.97	32	13.16	41
875/204	Rodenbeck	21 24	18 07	-	0.42	4	1.80	6	1.86	7	0.40	3	0.00	0	0.00	0	0.00	0	0.00	0	0.49	1	0.27	5	0.82	6	2.50	8	8.56	40	11.52	45
876/520	Okatombaka	21 10	18 48	-	1.77	2	0.85	3	0.69	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.24	1	0.29	2	0.80	3	1.95	5	6.59	19	10.06	21
915/446	Eremutua	20 56	15 45	-	0.32	4	0.00	0	0.03	1	0.23	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.67	2	5.08	11	6.33	21	13.51	26
915/623	Eremutua (N.E.)	20 53	15 51	5000	1.05	6	0.28	1	0.90	4	0.94	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.85	4	5.40	13	10.42	32	17.46	42
916/323	Kalkfeld	20 53	16 11	4974	0.51	4	0.30	3	0.53	3	0.42	4	0.00	0	0.00	0	0.00	0	0.00	0	0.20	1	0.00	0	2.74	3	4.06	11	8.66	29	14.73	40
916/698	Erundu	20 38	16 24	4700	0.50	1	1.32	2	0.09	1	0.84	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.26	1	3.95	14	6.96	20	14.17	30
917/72	Phantom	20 42	16 33	-	0.54	1	0.71	4	0.72	5	0.65	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.84	2	4.32	9	7.78	22	12.72	30
918/128	Okosongomingo	20 38	17 05	-	1.47	7	1.31	4	0.42	4	0.58	5	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.19	3	0.44	6	2.07	10	6.48	39	13.29	46)
918/393	Waterberg	20 33	17 14	5249	2.71	7	2.47	4	0.73	1	0.34	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.27	5	1.72	7	9.24	26	(19.98	32)
918/785	Okakarara	20 35	17 27	-	1.14	5	0.79	3	0.85	2	1.02	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.06	3	2.62	2	2.97	6	9.45	22	9.41	23
958/889	Pransfontein	20 19	15 00	3773	0.00	0	0.23	2	0.12	2	1.52	6	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.14	1	2.29	7	4.30	18	8.91	25
959/249	Malta	20 09	15 09	-	0.01	1	0.00	0	0.24	1	0.58	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.25	1	2.79	8	3.87	14	(10.09	23)
959/541	Miltiades	20 01	15 19	-	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.57	1	3.43	7	4.00	8	12.68	23
960/213	Marienbrunn	20 03	15 38	-	0.10	2	0.06	1	0.20	4	0.73	7	0.00	0	0.00	0	0.00	0	0.00	0	0.02	2	0.00	0	0.42	3	3.03	9	4.56	28	9.48	36
960/845	Bergveld	20 05	15 59	-	0.00	0	1.07	1	0.44	4	0.40	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.94	5	3.60	11	6.45	25	17.62	30
961/247	Outjo	20 07	16 09	4139	0.16	1	0.88	3	0.56	3	0.78	5	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.81	5	3.79	12	6.98	29	15.29	38
961/329	Noelles Farm	20 29	16 11	-	0.68	5	0.00	0	0.47	5	0.55	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.05	1	1.22	5	1.72	-	4.69	(20)	11.59	36
962/297	Otjiwarongo	20 27	16 40	4774	0.81	2	1.83	5	0.30	2	0.32	2	0.00	0	0.00	0	0.00	0	0.00	0	0.04	1	0.05	1	1.10	4	6.17	9	10.62	26	14.83	31
963/862	Hohenese	20 22	17 29	-	1.28	7	1.82	6	0.54	7	0.35	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.26	4	2.40	6	2.20	15	8.85	49	11.97	47
964/601	Annenhof	20 01	17 51	-	0.73	5	1.04	5	1.69	6	0.01	1	0.00	0	0.00	0	0.00	0	0.00	0	0.20	2	1.13	6	1.08	5	1.01	7	6.89	37	14.27	42
1003/139	Kakatwa Onguati	19 49	14 35	-	0.24	1	0.18	2	0.00	0	0.01	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	3.51	8	3.94	12	6.87	21
1003/608	Kamanjab	19 38	14 51	-	0.24	1	0.43	3	0.00	0	0.89	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.08	2	0.00	0	6.45	9	8.09	18	10.95	22
1004/14	Uriais Khango	19 44	15 01	-	0.00	0	0.02	1	0.10	2	0.67	5	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.03	1	0.00	0	3.74	10	4.56	19	(11.85	30)
1004/833	Otjikondo	19 53	15 28	-	0.34	2	0.12	1	0.35	2	1.31	9	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.11	1	1.79	9	4.02	24	13.96	42
1004/136	Gomab	19 46	16 05	-	0.86	4	0.84	7	0.85	8	0.69	5	0.00	0	0.00	0	0.00	0	0.00	0	0.07	1	0.23	3	0.99	4	2.27	9	6.80	41	12.83	55
1007/89	Wagerton	19 59	16 33	-	0.07	2	1.77	2	0.00	0	0.63	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.33	3	2.55	7	5.35	15	16.28	27
1009/129	Nagaib	19 39	17 35	-	1.04	7	2.68	8	1.43	7	0.55	3	0.00	0	0.00	0	0.00	0	0.00	0	0.33	2	0.74	4	1.87	10	3.13	9	11.77	50	16.58	62
1009/467	Rietfontein	19 47	17 46	5072	1.45	8	0.95	5	0.63	5	0.02	1	0.00	0	0.00	0	0.00	0	0.00	0	0.24	3	1.49	5	1.56	7	1.60	10	7.94	44	14.04	51

RAINFALL –1946– REENVAL

No.	STATION STASIE	S. Latitude S. Breedtegr	E. Longitude O. Lengtegr	Height Hoogte Feet Voet	Jan. Inches Duime	Jan. Days-Dae	Feb. Inches Duime	Feb. Days-Dae	Mar-Mrt Inches Duime	Mar-Mrt Days-Dae	April. Inches Duime	April. Days-Dae	May-Mei Inches Duime	May-Mei Days-Dae	Jun. Inches Duime	Jun. Days-Dae	Jul. Inches Duime	Jul. Days-Dae	Aug. Inches Duime	Aug. Days-Dae	Sept. Inches Duime	Sept. Days-Dae	Oct-Okt Inches Duime	Oct-Okt Days-Dae	Nov. Inches Duime	Nov. Days-Dae	Dec-Des Inches Duime	Dec-Des Days-Dae	Year-Jaar. Inches Duime	Year-Jaar. Days-Dae	Season Seisoen 1/7/45 to/tot 30/6/46. Ins. Duime	Season Seisoen 1/7/45 to/tot 30/6/46. D.
09/593	Gai Kaisa	19°53'	17°50'	4593	1.23	4	2.24	5	0.68	5	0.44	2	0.00	0	0.00	0	0.00	0	0.00	0	0.28	3	0.18	2	1.23	5	1.59	12	7.87	38	16.75	43
09/639	Amagobibtal	19 39	17 52	-	1.63	9	2.12	6	0.95	5	0.37	4	0.00	0	0.00	0	0.00	0	0.00	0	0.18	3	0.97	4	2.14	8	1.42	7	9.78	46	22.12	55
09/852	Otjirukaku	19 42	17 59	-	2.59	5	1.78	3	0.23	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.71	3	3.69	11	0.98	3	9.98	28	11.93	35
10/118	Gabasis	19 58	18 04	-	2.06	9	1.48	6	1.31	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.58	4	0.11	4	0.87	8	0.31	3	6.72	37	11.83	43
10/154	Crootfontein	19 34	18 06	4792	3.21	7	1.74	6	0.41	3	0.55	2	0.00	0	0.00	0	0.00	0	0.00	0	0.34	2	0.67	2	2.59	6	1.68	7	11.19	35	13.66	45
11/130	Otjituo	19 40	18 35	3996	0.80	4	1.88	6	0.99	2	0.21	2	0.00	0	0.00	0	0.00	0	0.00	0	0.03	2	0.04	1	1.30	6	0.59	6	5.84	29	10.74	31
51/731	Okaukueyo	19 11	15 55	3786	0.04	1	0.43	2	0.33	3	0.47	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.24	2	0.92	1	4.83	10	7.26	23	10.66	28
54/231	Soavis	19 21	17 08	-	2.26	9	0.95	9	1.23	9	0.14	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.36	5	1.55	5	1.92	10	8.41	48	16.42	61
54/390	Sissekab	19 20	17 12		3.79	7	0.81	8	0.73	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	2.99	8	2.06	9	10.38	36	15.22	48
55/374	Tsumeb	19 14	17 43	4301	2.42	7	1.76	6	1.03	6	0.26	5	0.00	0	0.00	0	0.00	0	0.00	0	0.16	3	0.19	4	2.19	12	1.22	7	9.23	50	13.05	57
55/447	Gaub	19 27	17 45	4593	0.99	5	2.89	8	0.64	3	0.49	2	0.00	0	0.00	0	0.00	0	0.00	0	0.15	2	0.00	0	3.77	9	2.26	6	11.19	35	15.70	36
57/616	Kuragas	19 16	18 51	3970	0.58	5	1.80	6	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.63	6	0.57	7	3.58	24	4.81	27
01/828	Namutoni	18 48	16 58	3593	0.17	3	0.57	3	0.19	3	0.04	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.75	3	1.84	7	3.56	20	11.09	32
02/162	Onguma	18 41	17 06	-	0.34	4	2.00	3	0.24	5	0.33	4	0.00	0	0.00	0	0.00	0	0.00	0	0.06	1	0.00	0	0.61	1	2.93	4	6.51	22	15.05	44
03/797	Tsintsabis	18 47	17 57	-	5.28	4	2.09	4	1.66	3	0.12	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	3.04	5	0.91	4	13.10	21	17.70	29
04/480	Fairview	19 00	18 16	-	1.21	4	1.02	5	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.18	2	0.39	3	0.77	4	0.98	1	4.55	19	9.28	(11)
50/2	Olukonda	18 02	16 01	3642	0.25	1	0.43	2	0.68	7	1.13	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.05	1	0.17	2	0.51	3	4.25	11	7.47	31	9.95	38
59/211	Njangana	18 01	20 38	-	4.94	13	2.34	7	1.08	3	0.25	2	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.18	1	0.46	5	1.07	6	3.15	7	13.47	44	21.39	49
60/782	Andara	18 02	21 27	-	10.35	18	3.50	7	0.53	4	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.01	1	1.16	4	2.33	5	17.88	39	26.47	56
98/874	Ombalantu	17 34	15 00	-	0.18	1	0.21	2	1.38	3	0.37	1	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.36	2	0.52	3	6.05	13	9.07	25	10.05	26
00/18	Tshikuku	17 48	15 31	-	0.61	3	0.23	2	1.48	7	0.57	4	0.00	0	0.00	0	0.00	0	0.00	0	0.01	1	0.23	2	0.36	1	5.10	14	8.59	34	12.93	43
00/346	Okatana	17 46	15 42	-	0.15	1	0.46	3	0.89	5	0.09	1	0.00	0	0.00	0	0.00	0	0.00	0	0.03	2	0.15	1	0.41	2	5.71	11	7.89	26	10.29	38
01/27	Ondangua	17 57	16 01	3594	1.08	5	0.11	4	0.87	7	0.96	5	0.00	0	0.00	0	0.00	0	0.00	0	0.04	2	0.05	1	0.45	2	5.69	11	9.25	37	11.90	41
01/109	Oshigambo	17 49	16 04	-	0.99	7	0.67	6	0.68	7	0.32	6	0.00	0	0.00	0	0.00	0	0.00	0	0.11	3	0.18	2	1.12	5	2.63	14	6.70	50	11.68	52
01/147	Onlipa	17 57	16 05	3609	0.27	5	0.23	2	0.71	7	0.88	6	0.00	0	0.00	0	0.00	0	0.00	0	0.04	1	0.00	0	0.49	4	7.05	14	9.67	39	8.95	42
01/328	Onajena	17 58	16 11	3609	0.58	6	0.77	5	0.87	4	1.20	6	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.05	1	1.27	3	2.09	11	6.83	36	11.37	38
06/187	Kuring Kuru	17 37	18 37	3642	1.59	7	1.31	5	2.19	6	1.32	7	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	1.15	4	1.09	3	2.65	8	11.30	40	18.13	52
08/475	Runtu	17 55	19 46	4300	2.98	10	6.73	9	2.34	5	0.53	3	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.21	3	5.84	11	0.62	-	19.25	(41)	25.69	53
52/774	Odimbo	17 24	15 56	-	0.19	3	0.36	3	2.21	6	0.38	4	0.00	0	0.00	0	0.00	0	0.00	0	0.09	1	0.49	4	0.79	3	3.45	12	7.96	36	10.47	43

-16- BLADWYSER VIR REËNVALSTASIES. INDEX TO RAINFALL STATIONS.