



REPUBLIC OF NAMIBIA

**MINISTRY OF WORKS & TRANSPORT
METEOROLOGICAL SERVICE**

Supplementary Rainfall Bulletin 1-17 January 2021

A deep low pressure was established over Namibia and further deepen in the 1st week of January 2021, while a tropical depression Ex-Chalane from Mozambique moved across Zimbabwe, Botswana and into eastern and south-eastern parts of Namibia. This resulted in significant falls of rain in the north, central and southern regions where flash floods were reported especially in the south and eastern parts of the country.

Rain continued in the second week of January 2021 where heavy falls were recorded in the northeast, central and southern regions. However, dry air set in over the central areas and southern regions in the last part of the second week of January 2021. The north-western parts and central-north were mostly under dry conditions during the second week of January 2021.

A new record of 102mm within 24 hours was observed at Farm Naos in the Kharas region and 98mm at farm Otjirukaku in Otjozondjupa region. Above average rainfall was observed over most of Kharas, Hardap, Khomas, Omaheke, parts of Otjozondjupa, Kavango West and East regions during the period under review. However, below average rainfall were observed over extreme western areas, Erongo, Kunene and Omusati and other northern regions for the same period. This may have negative impacts on the cropping season if these regions do not receive rain during this rainfall season.

Heaviest rainfall were concentrated southeast of Keetmanshoop with most analysed places reporting three or five times more rainfall than their average monthly rainfall. Again, this also translates to above average annual rainfall and twice the annual rainfall in some instances. Furthermore, most places in southern Omaheke, Hardap and Khomas region reported twice the monthly average and in few instances three times the monthly average rainfall. On the other hand, available records show that little to no rainfall was observed over the Kunene, Omusati and parts of Erongo regions for the period under review with the exception of the Okalongo area. The Zambezi and Ohangwena Oshana regions received below normal rainfall whereas parts of Oshikoto, Kavango West and Oshana regions also reported below normal rainfall for the same period.

Outlook: 20-24 January 2021

Rains are expected to set in over the central-north and northwest during the third week of the month. Heavy falls are most likely in Tsumkwe constituency, Kavango and Zambezi regions, while moderate rains are expected over the central and southern regions by midweek.

This bulletin was made possible by collaborative efforts between farmers, Agriculture Development Centres (ADC's) and the Namibia Meteorological Service. We thank our partners and particularly the farmers for their contributions.

Rainfall Performance at specified Places – 1 – 17 January 2021

Place	1-17 January 2021 rainfall mm	Normal January	Highest in 24 hours
Okalongo	98.5	103.6	91.0
Katima Mulilo	103.6	162.7	26.2
Outapi	0.0	86.6	0.0
Ondobe	29.5	128.2	24.5
Etayi	38.0	113.5	36.0
Onayena	0.0	132.2	0.0
Onesi	24.5	93.6	20.5
Mpungu	145.3	158.0	45.8
Bukalo	0.3	170.2	0.3
Sibinda	73.5	168.6	23.0
Rupara	406.0	156.1	260.0
Ruuga	56.5	147.3	25.0
Okahao	0.0	106.0	0.0
Kaisosi	148.0	152.1	46.0
Rundu	117.8	152.1	23.5
Ngoma	77.5	169.9	26.0
Chichimane	111.0	168.9	45.0
Ndonga-Linena	147.0	141.2	32.0
Ndiyona	233.2	132.4	66.7
Opuwo	20.0	96.9	20.0
Engombe	61.0	109.3	46.0
Omakange	40.0	97.3	30.0
Onankali	18.2	115.4	12.0
Ncamagoro	84.1	148.4	25.0
Okashana Agri-College	74.3	113.7	38.0
Mururani	112.5	131.0	28.0
Sesfontein	0.0	---	0.0
Wilde	52.5	130.8	15.0
Okaukuejo	76.7	86.0	39.2
Iimenau	98.7	148.6	18.0
Grootfontein Town	222.5	148.6	57.8
Klein Huis	45.0	123.1	20.0
Grootfontein Airport	178.4	134.6	65.6
Awagobibtal	210.0	135.8	46.0
Otjirukaku	---	141.3	98.0
Khorixas	17.8	51.7	13.8
Otjiwarongo	136.6	110.2	27.4
Eiseb	141.9	105.0	54.6
LaPaloma	263.5	83.6	44.0
Otjinene	148.0	105.8	40.0
Eureka	199.4	98.8	33.0
Omaruru	15.3	69.0	8.4
Epukiro	95.7	88.2	70.5
Steinhausen	140.5	82.6	28.0

Tallismanus	150.0	87.9	59.0
Wilhelmstal	91.0	86.3	34.0
Okahandja	110.5	81.7	38.5
Osona Village	194.7	---	60.0
Okahua	191.1	93.3	47.0
Omateva	282.0	84.9	44.5
Westenfallenhof	113.0	60.0	35.0
Otjimbingwe	60.4	90.3	31.8
Gobabis	284.4	76.3	52.2
Windhoek	231.0	85.6	61.6
Eros Airport	130.0	85.6	29.4
Walvis Bay	0.0	1.2	0.0
Rehoboth	197.6	56.9	56.6
Rheinpfalz	112.5	50.8	32.0
Mariental	98.6	41.2	42.0
Maltahohe	89.8	40.3	26.0
Gochas	144.5	40.6	37.0
Tses	80.4	30.9	30.0
Berseba	114.4	29.6	49.0
Bethanie	87.7	26.4	42.0
Keetmanshoop	133.0	26.3	51.2
Vellicke	206.8	---	76.5
Naos	268.0	39.6	102.0
Snyriver-Noord	88.2	21.3	71.5
Karasburg	77.5	19.3	62.0
Noordower	30.4	---	15.6
Kotzekous	343.0	---	---
Geitsanas	273.0	---	---
Kuchanas	281.0	---	---
Korrobees	242.0	---	---
Sangneis	207.0	---	---
Hassenkop	99.5	---	---
Donas	116.0	---	---
Nuzinabis	139.0	---	---
Sandmodder	185.0	---	---
Arus (Doringdraai)	205.0	---	---
Gautas	181.0	---	---

Fig. 1. (a) 1 to 17 January 2021 Rainfall Spatial Distribution

Units: Millimeters

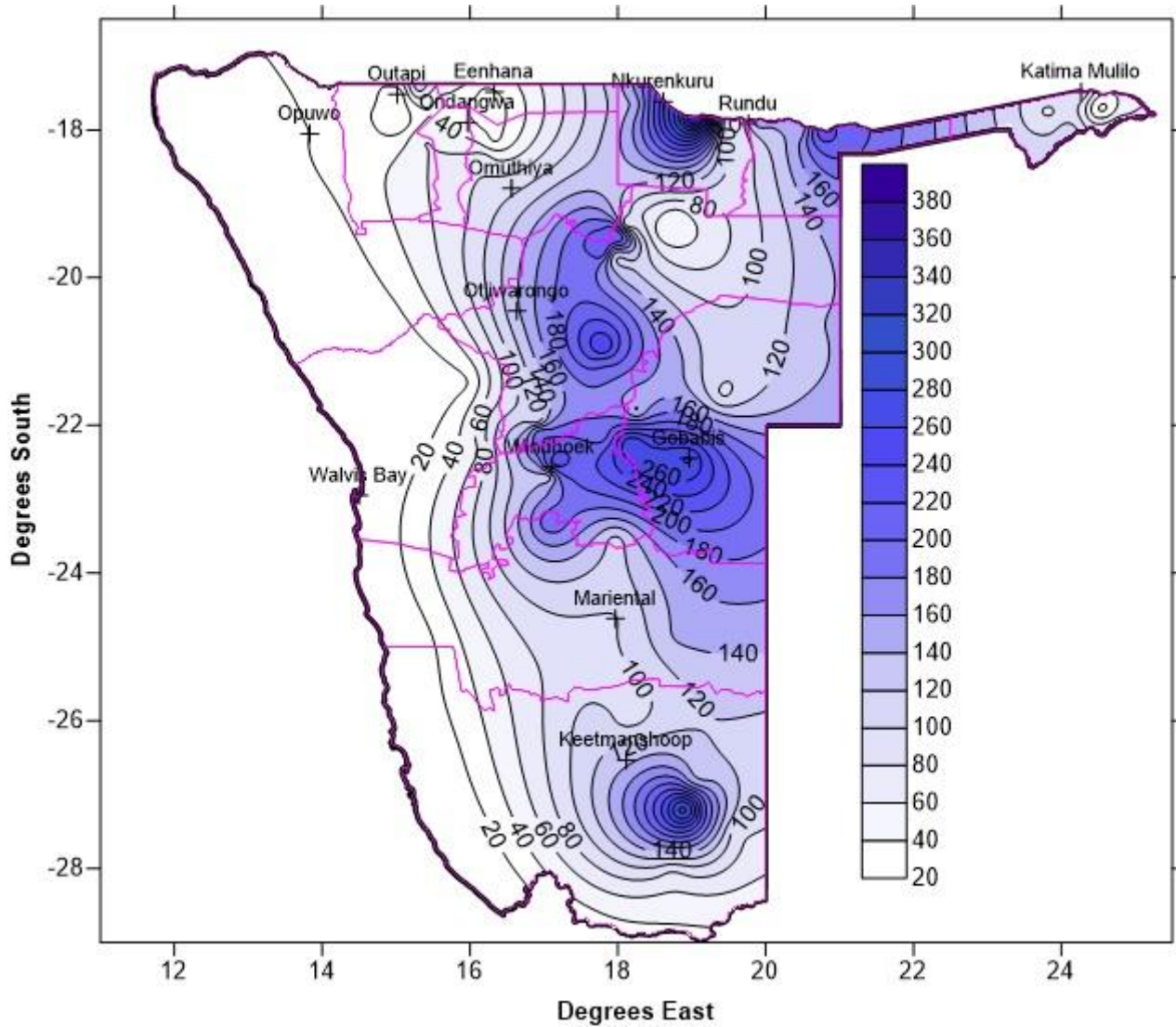


Fig. 1. (b) 1 to 17 January 2021 Rainfall as percentage of Normal Rainfall

Units: %

