



REPUBLIC OF NAMIBIA

MINISTRY OF WORKS & TRANSPORT
METEOROLOGICAL SERVICE DIVISION

Namibia Rainfall Performance at Specified Places – December 2019

HIGHLIGHTS

The December rainfall was largely above average over most of the country, except over the southern regions where below average rainfall was observed. Farm Okahua in the Khomas region reported the highest and heaviest rains within 24 hours of 97.5 mm followed by Ruuga 80.0mm (Kavango West), Endola (Ohangwena region) and Ondangwa 65.2 (Oshana region). The eastern areas of the Zambezi region reported below average rainfall during December, after a very good performance during November. The bulk of the country reported above average rainfall with isolated patches of below average rainfall within the central Northern regions.

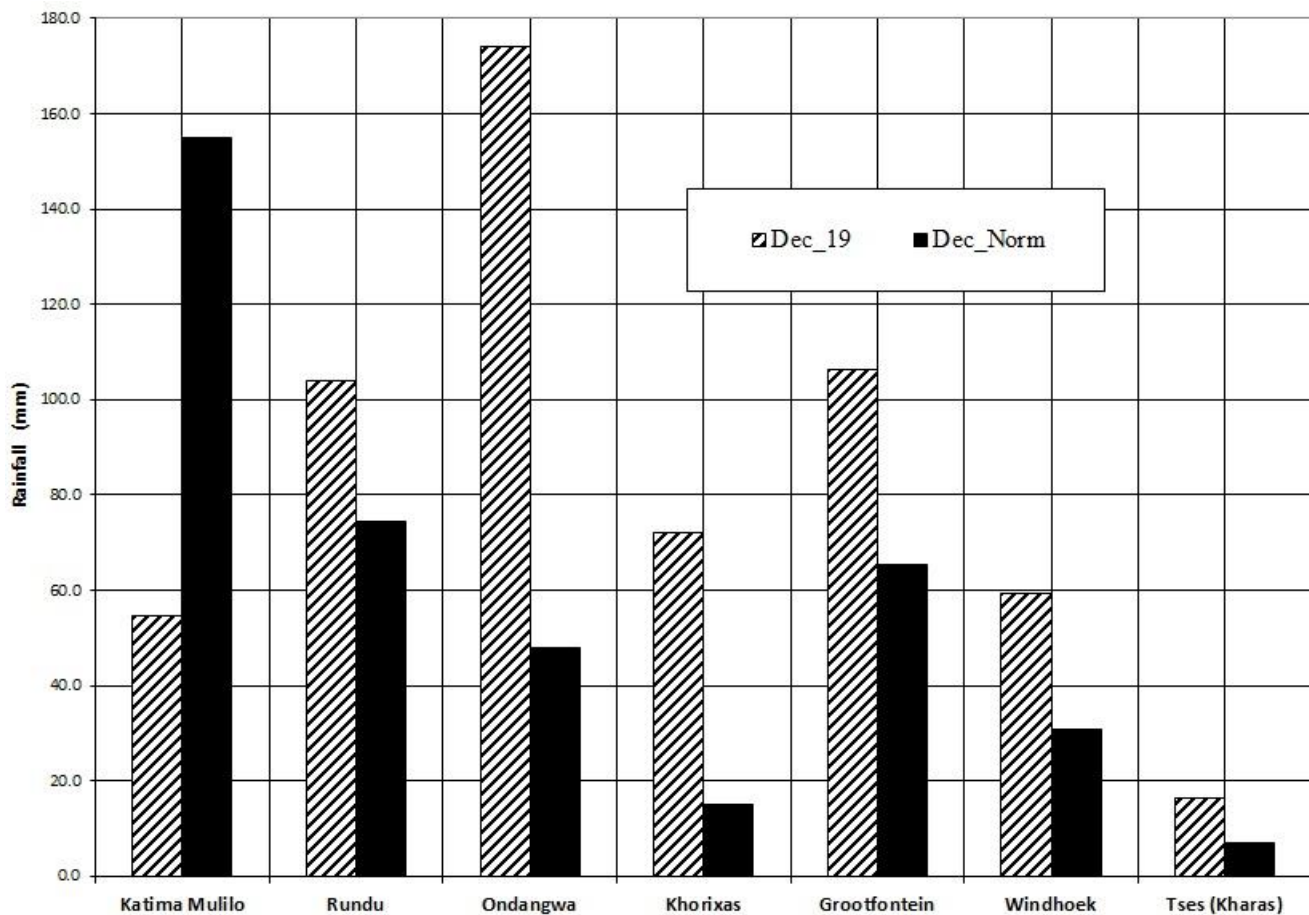
The cumulative rainfall over the northern areas of the Oshana region has consistently reported above average rainfall from October – December 2019. On a seasonal scale, the December 2019 rains has elevated most of the stations country wide into the normal to above normal category as per the seasonal forecast.

Namibia Rainfall Performance at specified Places –December 2019

Place	01 – 10 December 2019	11 – 20 December 2019	21 – 31 December 2019	Highest Daily Falls	December Total & Relative Performance			Performance since 1st October 2019		
					2019 Total (mm)	Normal (mm)	%Departure from Normal	Total Rainfall (mm)	Normal (mm)	%Departure from Normal
Katima Mulilo	42.9	0.0	11.7	34.0	54.6	154.9	-65	78.4	245.1	-68
Eunda	39.1	58.9	0.0	41.4	98.0	35.9	173	98.0	81.7	20
Etayi	38.5	6.0	29.5	27.0	74.0	57.2	29	74.0	122.1	-39
Okongo	84.0	40.0	10.6	32.0	134.6	64.1	110	163.6	129.9	26
Onesi	14.0	20.7	36.0	23.0	70.7	37.6	88	98.6	84.0	17
Endola	84.0	0.0	86.0	70.0	170.0	59.6	185	193.0	116.2	66
Kahenge	92.0	21.0	45.0	50.0	158.0	96.5	64	158.0	181.5	-13
Bukalo	74.0	10.5	4.0	24.0	88.5	162.2	-45	237.7	255.0	-7
Okatana	75.4	0.0	18.0	51.0	93.4	64.6	45	125.9	122.0	3
Sibinda	128.0	5.0	17.0	55.0	150.0	160.5	-7	162.0	252.8	-36
Rupara	5.5	11.0	29.0	20.0	45.5	81.9	-44	45.5	153.2	-70
Ruuga	110.0	3.5	5.6	80.0	119.1	73.1	63	158.6	143.5	11
Mashare	12.0	40.0	8.0	40.0	60.0	74.4	-19	60.0	153.8	-61
Ondangwa	88.2	6.2	79.7	65.2	174.1	47.9	263	268.7	106.0	153
Rundu	81.6	4.6	17.9	53.0	104.1	74.4	40	125.6	155.3	-19
Ngoma	97.5	6.9	21.4	51.0	125.8	162.2	-22	190.1	255.7	-26
Ndiyona	37.0	0.0	9.0	22.0	46.0	83.2	-45	49.2	160.5	-69
Mukwe	0.0	0.0	37.5	20.0	37.5	90.8	-59	68.5	170.9	-60
Opuwo	0.0	16.4	60.3	24.5	76.7	24.8	209	104.3	73.9	41
Onankali	50.5	33.2	50.0	40.5	133.7	48.8	174	153.7	107.9	42
Ncamagoro	53.0	3.8	22.8	38.0	79.6	74.0	8	97.6	146.8	-34
Ncaute	13.5	0.0	44.2	21.7	57.7	73.6	-22	57.7	150.7	-62
Okashana Agri- College	17.0	0.0	0.0	17.0	17.0	48.9	-65	28.5	105.7	-73
Mururani	39.1	4.9	47.0	33.0	91.0	62.4	46	117.9	125.0	-6
Choantsas	65.5	8.5	11.5	24.0	85.5	67.0	28	95.0	121.5	-22
Wilde	20.5	0.0	16.0	16.0	36.5	61.6	-41	55.0	123.6	-56

Grootfontein Town	80.4	10.3	16.2	32.2	106.9	67.5	58	119.6	141.8	-16
Huttenhof	23.5	31.0	29.0	22.5	83.5	67.9	23	113.0	149.6	-24
Grootfontein Airport	73.2	6.4	26.6	41.8	106.2	65.4	62	118.0	136.7	-14
Awagobibtal	62.0	13.0	53.0	25.0	128.0	77.0	66	162.0	160.3	1
Khorixas	41.3	25.0	5.7	33.6	72.0	15.0	379	98.6	32.5	203
La Paloma	25.5	2.0	52.3	29.0	79.8	40.0	100	82.3	81.3	1
Ombona	39.5	5.0	25.4	39.5	69.9	25.8	171	87.9	55.8	58
Otjikururume	62.5	2.5	15.0	30.0	80.0	41.3	94	80.0	78.6	2
Otjinene	27.5	10.0	50.0	20.0	87.5	60.5	45	102.0	115.6	-12
Eureka	74.6	4.7	31.3	38.5	110.6	46.4	138	125.4	89.2	41
Okahandja	36.8	0.0	30.5	30.5	67.3	25.7	162	74.7	50.1	49
Okahua	172.0	2.0	31.5	97.5	205.5	31.1	562	216.7	74.3	192
Omateva	91.2	0.8	7.5	47.0	99.5	35.6	180	99.7	76.1	31
Pioniers Park	30.6	0.9	51.7	22.5	83.2	27.6	201	94.7	62.2	52
Windhoek	23.8	4.6	30.8	18.2	59.2	30.7	93	70.8	73.0	-3
Eros Airport	22.4	4.6	43.5	18.1	70.5	30.7	130	78.3	72.9	7
Binsenheim	28.5	0.0	22.0	19.5	50.5	25.1	101	52.0	60.8	-14
Walvis Bay	0.0	0.0	0.0	0.0	0.0	0.1	-100	0.4	0.7	-45
Aruab	22.1	0.0	0.9	10.7	23.0	6.7	245	23.0	16.8	37
Tses	9.0	0.0	7.5	9.0	16.5	7.0	136	16.5	18.8	-12
Berseba	0.0	0.0	35.0	35.0	35.0	6.4	450	41.5	20.9	99
Bethanie	4.7	0.0	4.1	4.7	8.8	5.4	63	12.8	16.4	-22
Karasburg	0.0	0.0	0.0	0.0	0.0	10.9	-100	0.0	23.9	-100
Ariamsvlei	0.0	0.0	6.0	6.0	6.0	9.0	-33	6.0	26.5	-77

Rainfall Relative Performance Chart – December 2019



Rainfall Relative Performance Chart – October to December 2019 Cumulative

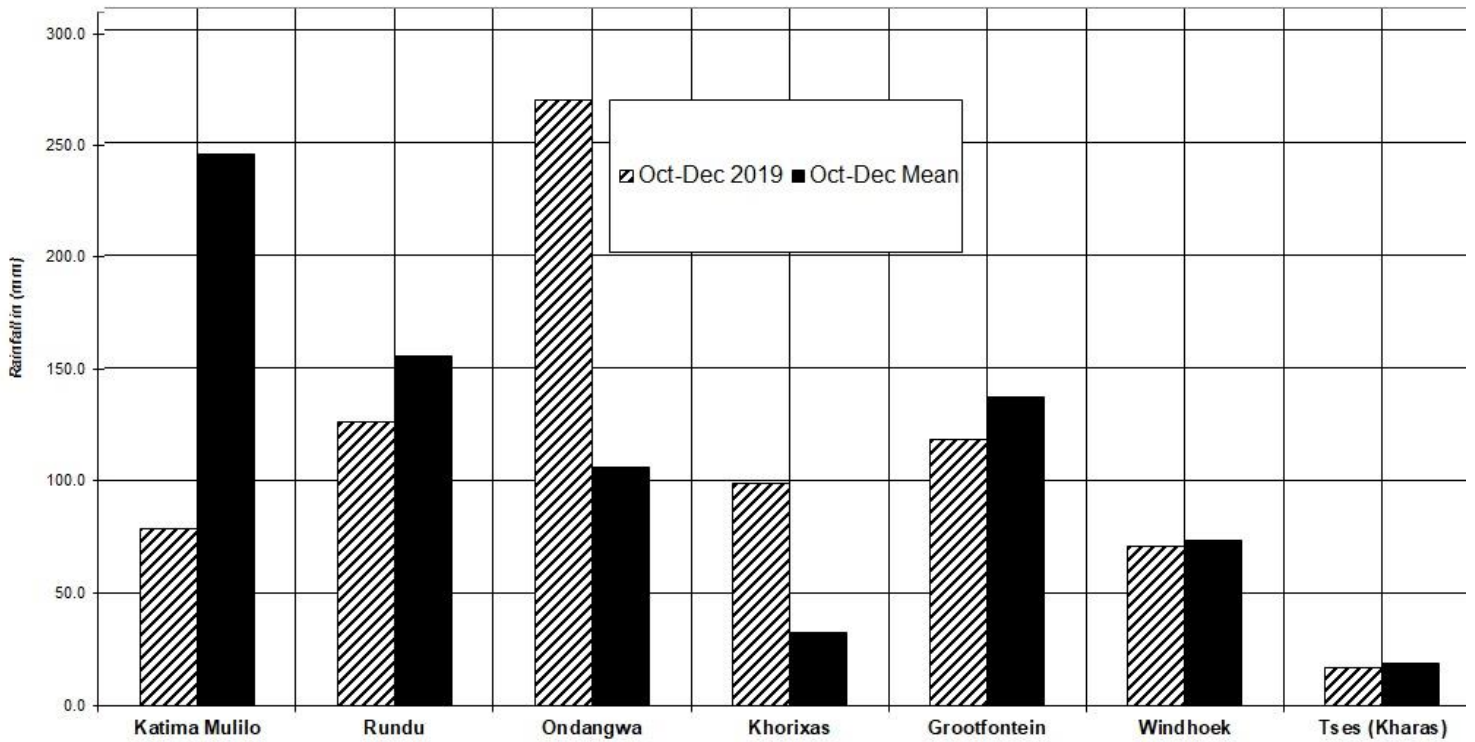
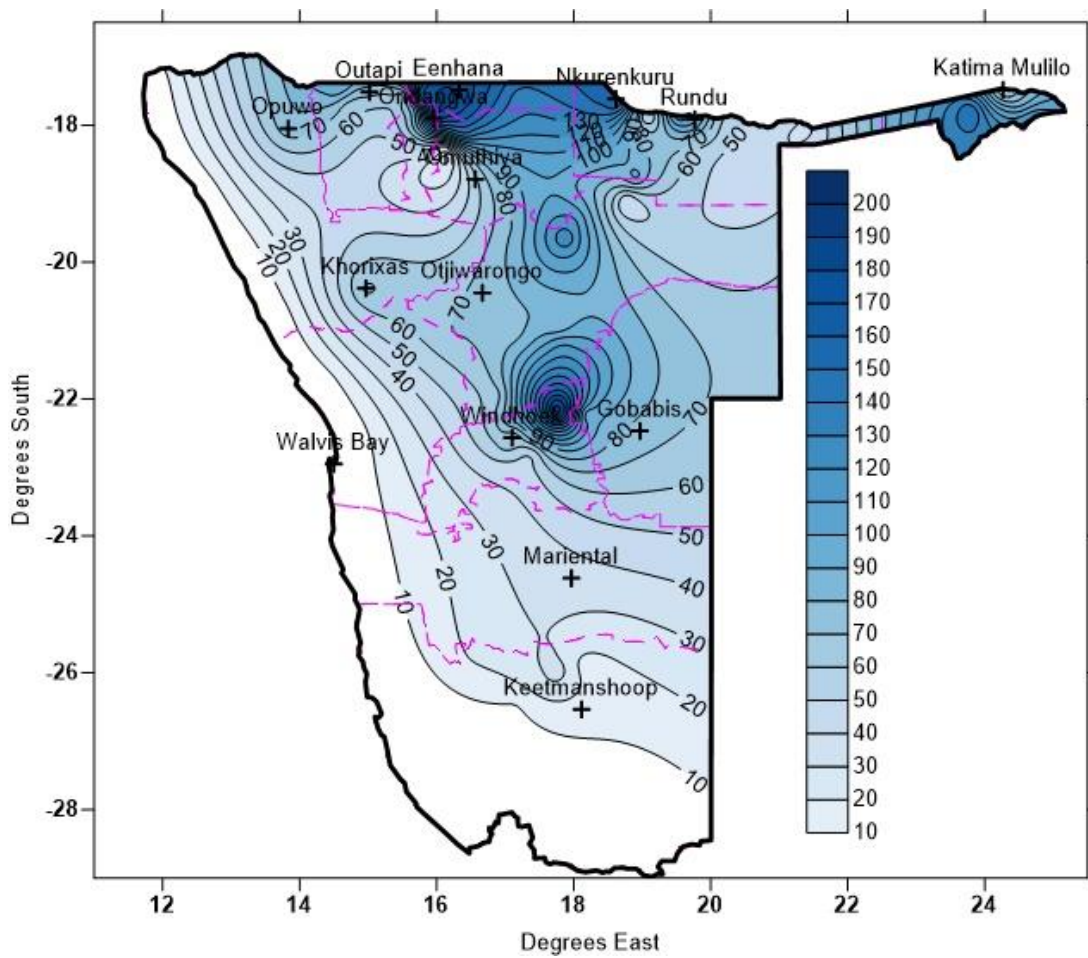


Fig.3 (a) December 2019 Rainfall Spatial Distribution
Units: Millimeters



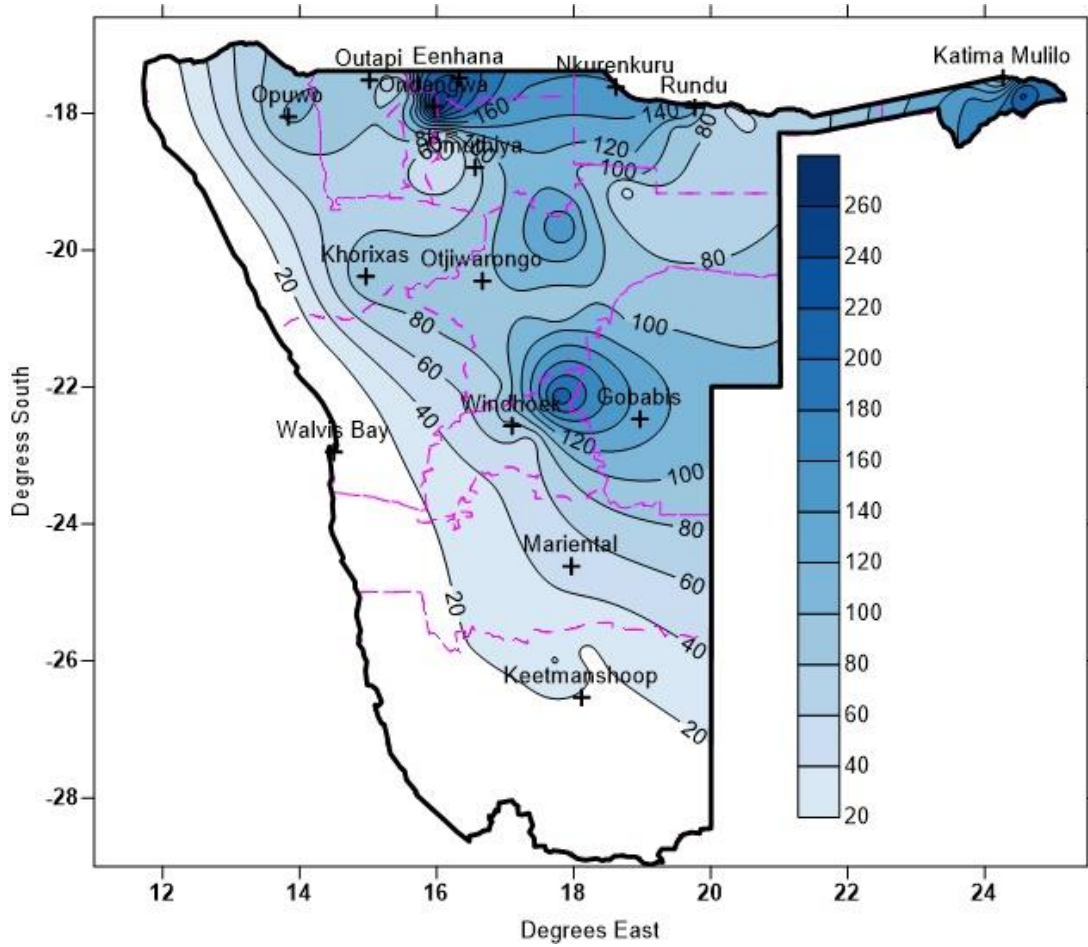


Fig. 3 (d) October – December 2019 Cumulative Seasonal Rainfall
Units: %

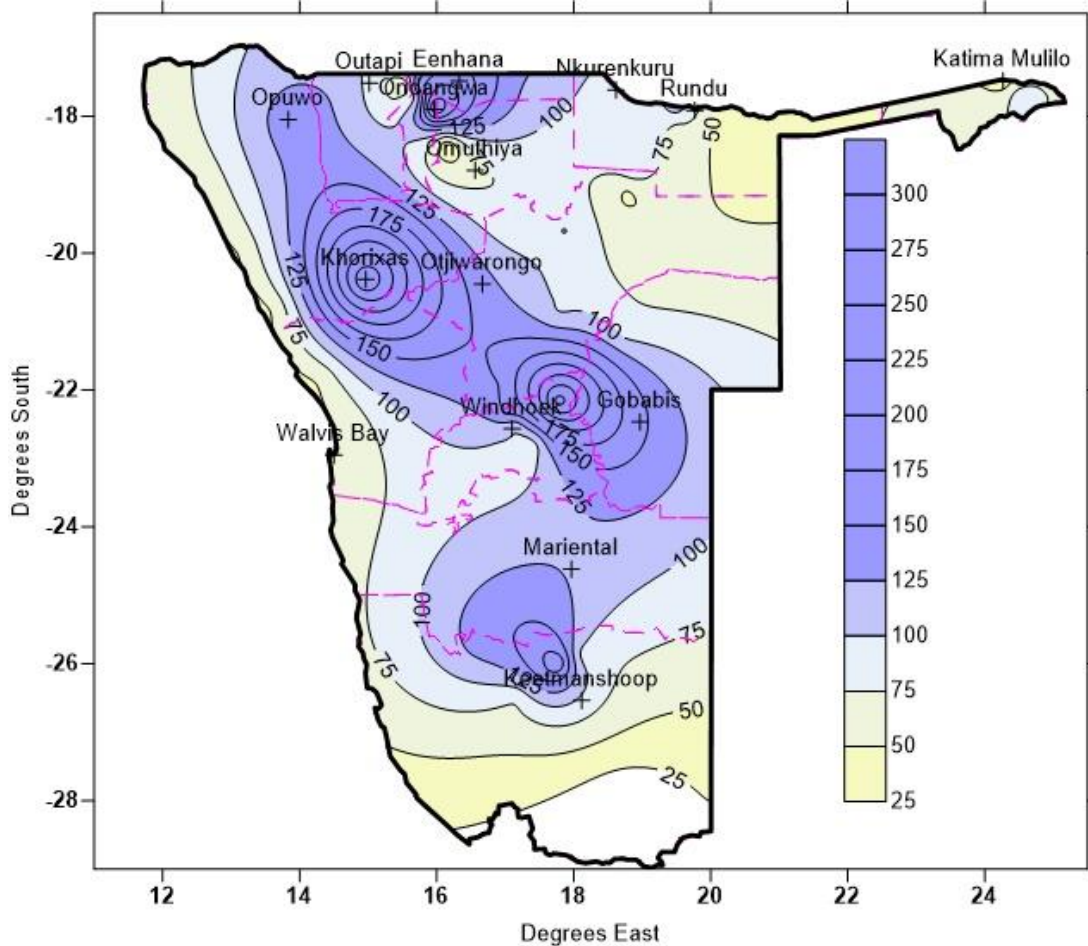


Fig. 4 (a)

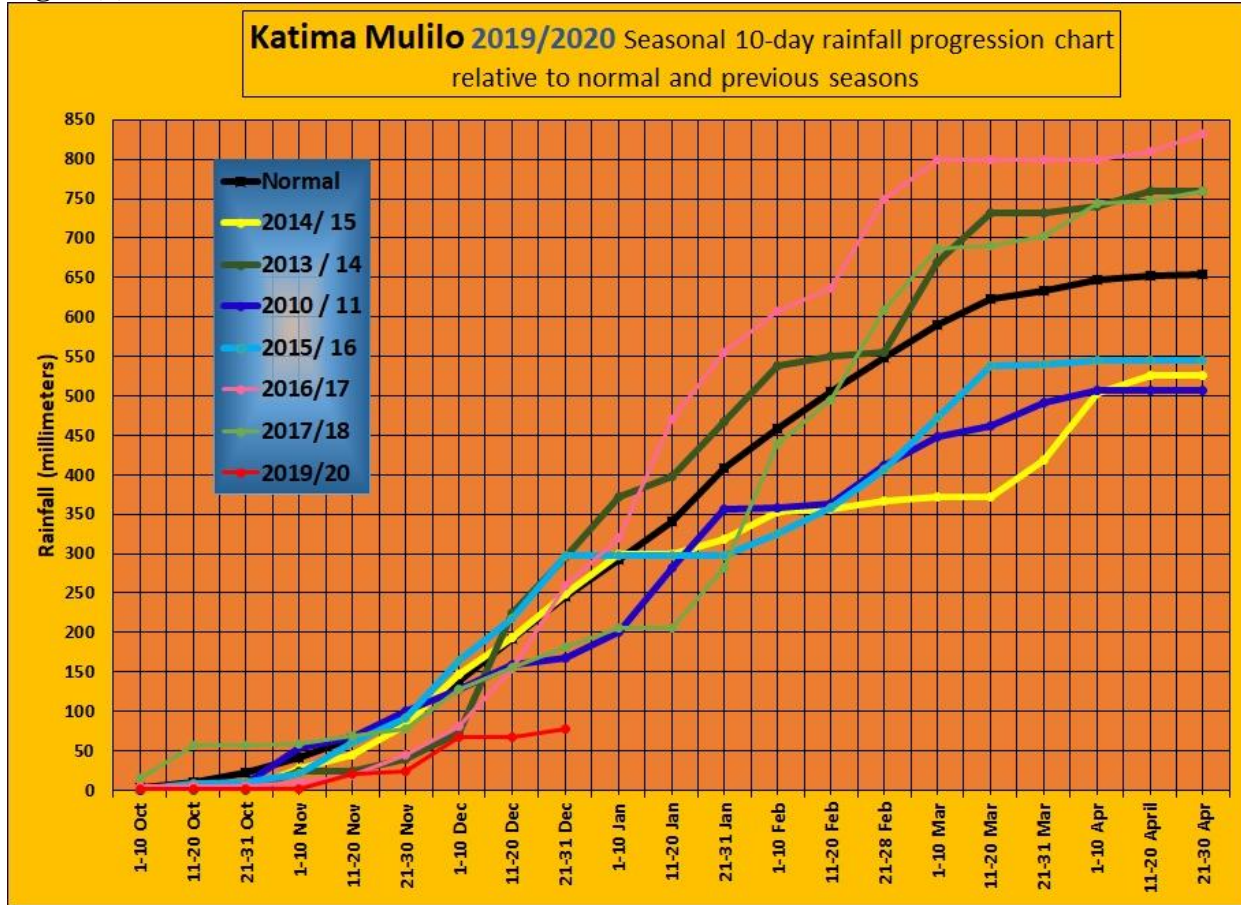


Fig.4 (b)

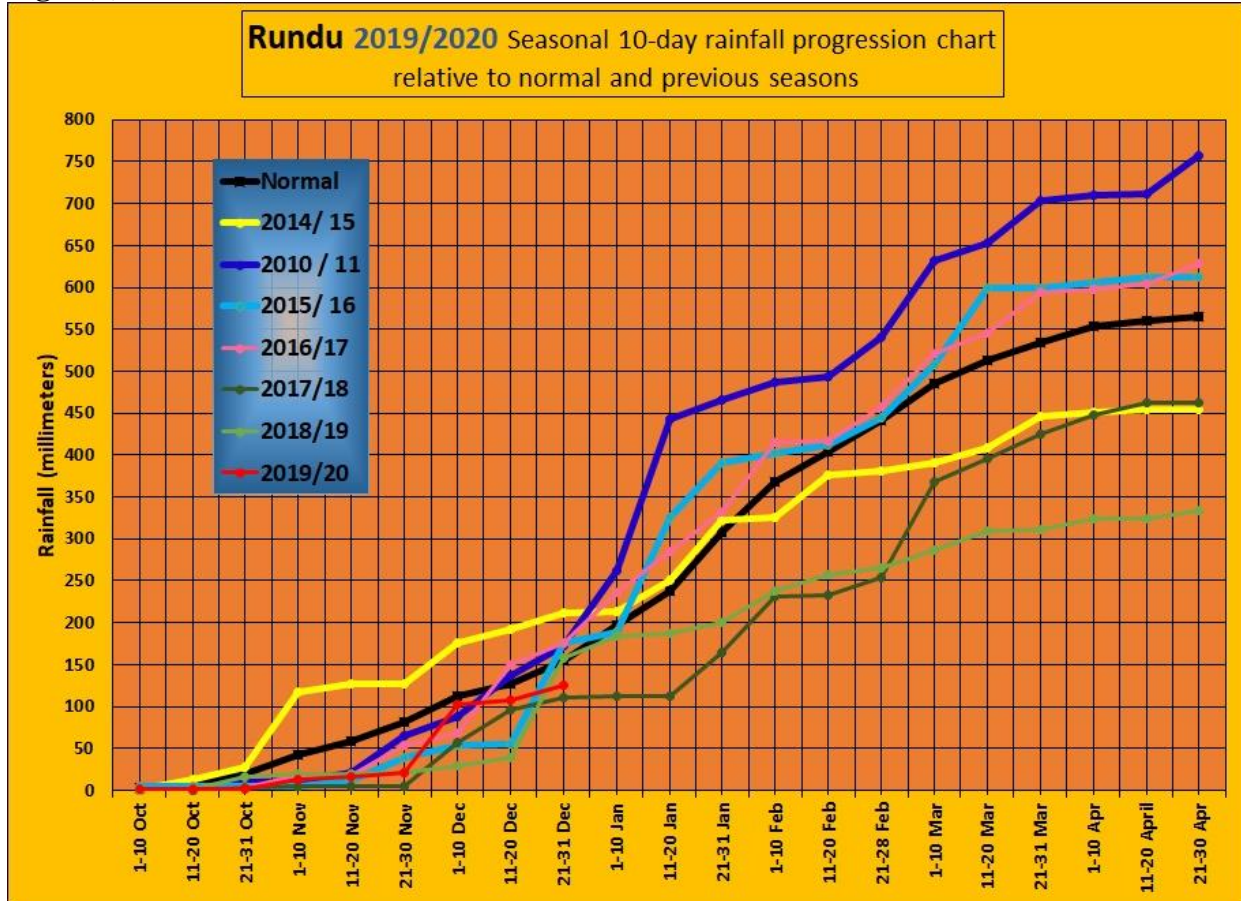


Fig. 4 (c)

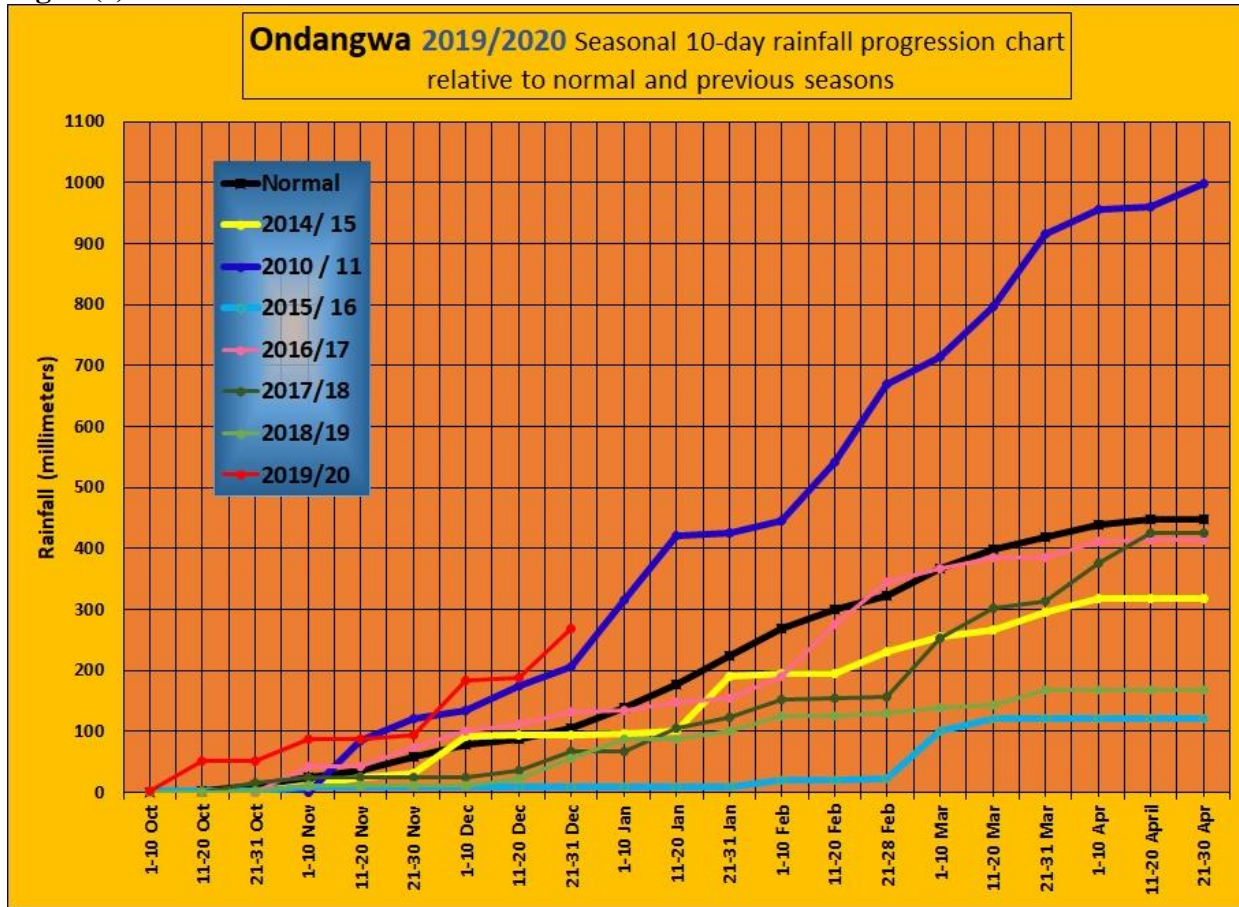


Fig. 4 (d)

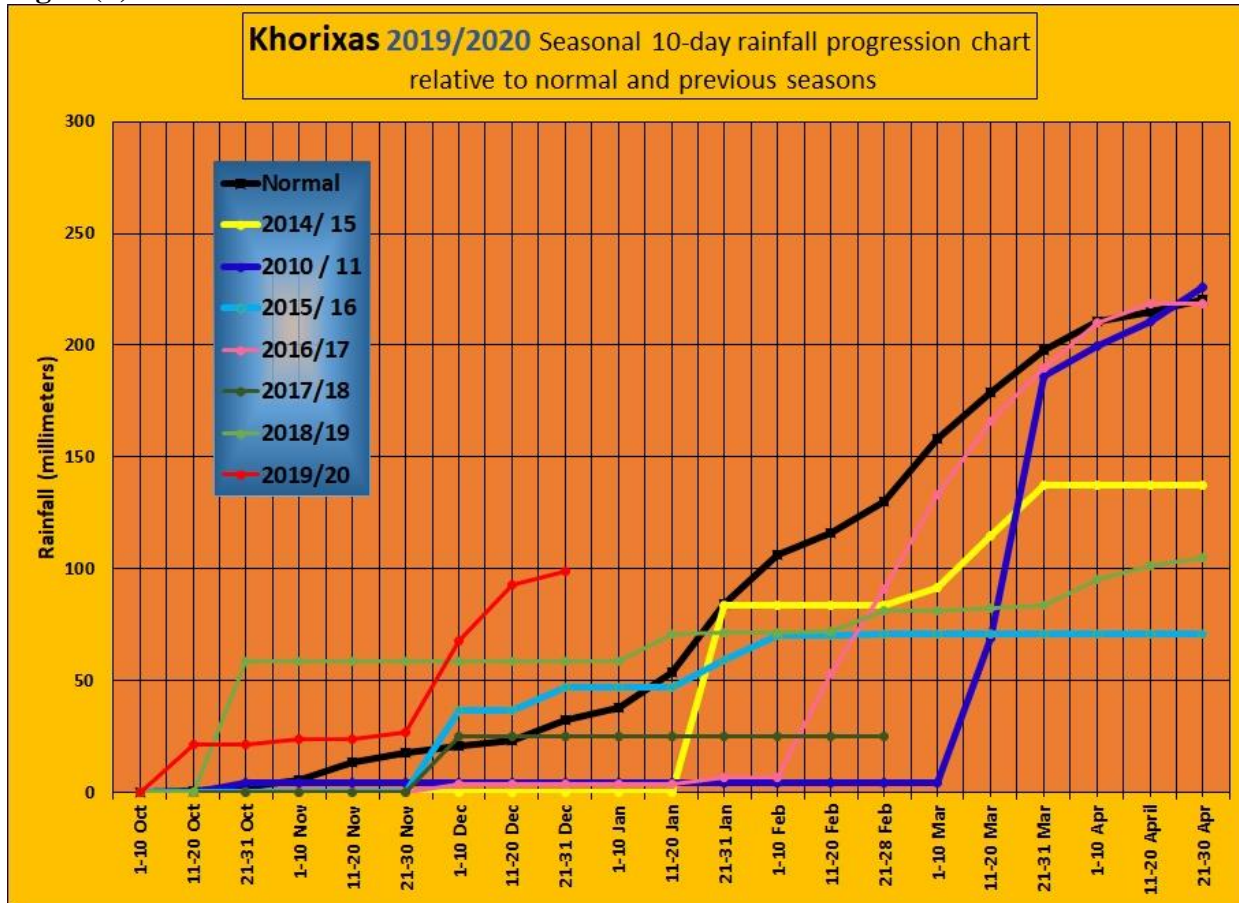


Fig. 4 (e)

