

AGROMETEOROLOGICAL BULLETIN

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Effective Date: 01.07.2017

Page No: 1 of 3

Approved by:

**REPORTING PERIOD:
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HIGHLIGHTS

- **Not much rainfall received...**
- **Not much improvement in vegetation condition....**
- **Few farming activities observed....**
- **Improved rainfall forecasted.....**
- **Warm to hot temperatures anticipated.....**
- **Improvement in soil moisture expected.....**

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RAINFALL AND TEMPERATURES

RAINFALL

Not much improvement in rainfall observed during the dekad (**Figure 1**). A few places experienced thunderstorms, however with very minimal rainfall (**Map1**).

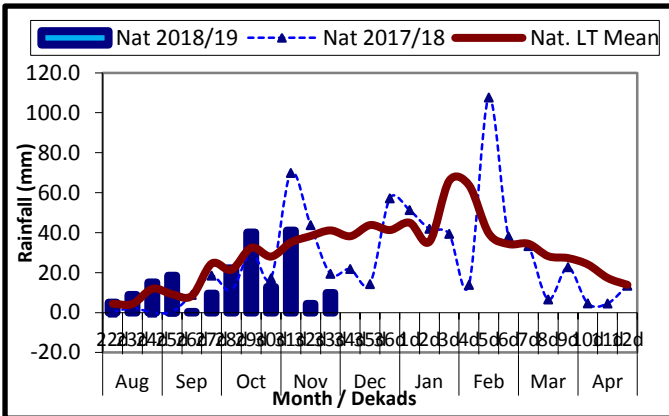
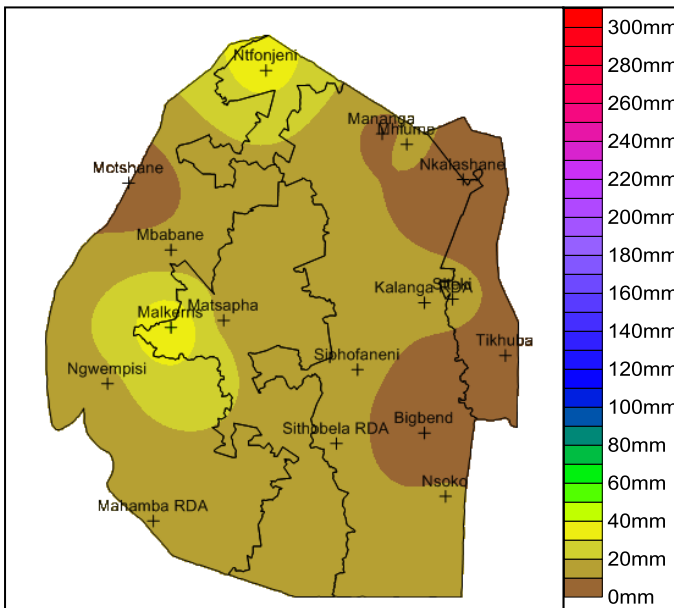


Figure 1: Rainfall distribution as 3rd dekad of November 2018



Map 1: Spatial rainfall distribution for 3rd dekad November 2018

All the Agroecological zones recorded below average rainfall during the reporting period. (**Table 1**).

Table 1: Rainfall (mm) for 3rd dekad November 2018

	HV	MV	LV	LP
2017/18	26	18	14	20
Average	53	45	32	35
2018/19	12	12	7	9
Anomaly	-41	-33	-26	-26

TEMPERATURES

Temperatures continued to be high during the reporting period ranging between 14°C and 32°C (**Figure 2**) and (**Figure 3**).

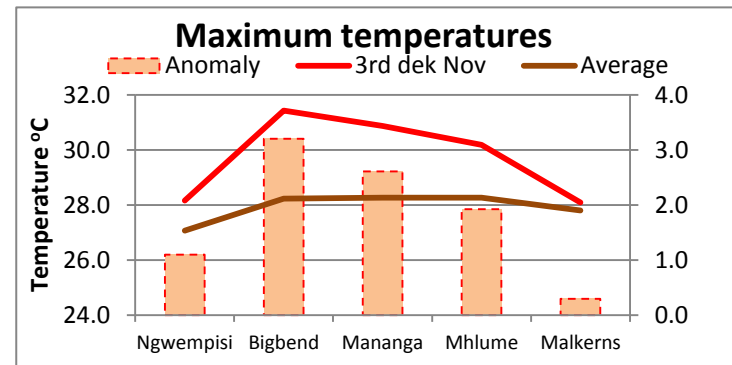


Figure 2: Minimum temperature as 3rd dekad of November 2018

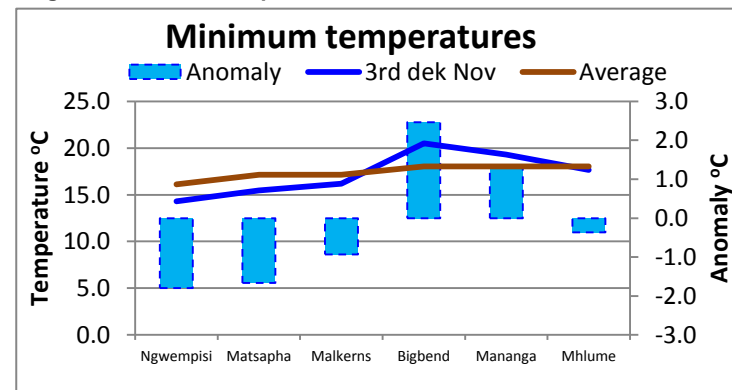


Figure 3: Maximum temperature as 3rd dekad of November 2018

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MAIZE AND OTHER CROPS

MAIZE CROP STAGE AND CONDITION

Some maize has germinated in most areas with a few at early vegetative stage. Some farmers have reported germination failure due to the prolonged dryness in some parts in the last two dekads of November 2018.

OTHER CROPS

No other crops have been planted.

CURRENT FARMING ACTIVITY

Farmers continue to plant maize, however at a small scale lately due to insufficient moisture. There has not been much activities in the past two dekads as a result of inadequate rainfall.

LIVESTOCK AND PASTURES

Livestock is reported in good condition save for challenges with drinking water. Vegetation shows minor stress from the dry conditions coupled with high temperatures

WATER SITUATION

Bulk water reservoirs are slowly decreasing as there is not much rainfall being received, yet consumption still continues. This also applies to rivers and earth dams where people and livestock continue to contribute to higher demand and less supply.

MEDIUM-TERM OUTLOOK

RAINFALL

Improved rains with thunderstorms in some parts are forecasted in the outlook period, significantly on the 8th and 9th of December 2018

TEMPERATURE

Mild to hot temperatures are anticipated in the outlook period.

SOIL MOISTURE

An improvement in soil moisture is expected in the outlook period.

WIND SPEED

Wind will be light to moderate breeze speeds in the outlook period.

NB: Outlook period – Ten days from date of bulletin release