



SEASONAL OUTLOOK N° 67 FOR JUNE TO AUGUST (JJA 2024)

June-July-August (JJA) is the major dry season for the country where the expected rainfall is less compared to other seasons.

TEMPERATURE EXPECTED DURING JUNE TO AUGUST 2024

The expected temperatures are slightly above normal temperature of JJA and the minimum temperature is expected to increase compared to maximum temperature.

Maximum temperature

The expected maximum temperature will range between 22°C and 32°C (degree Celsius). The predicted maximum temperature will be slightly above the range of Long Term Mean (LTM) maximum temperature of JJA season across the country (LTM maximum temperature ranges between 20°C and 30°C). Localized parts of Bugarama plain are expected to record higher maximum temperature compared to other parts of the country which will range between 30°C and 32°C. Eastern Province, Eastern parts of Kamonyi, Ruhango, Nyanza and Gisagara Districts, Kigali City will also experience warmer conditions with maximum temperature ranging between 28°C and 30°C. The parts of highland areas including the Volcanoes National Park are expected to record lower maximum temperature than other parts of the country and will vary between 22°C to 24°C.

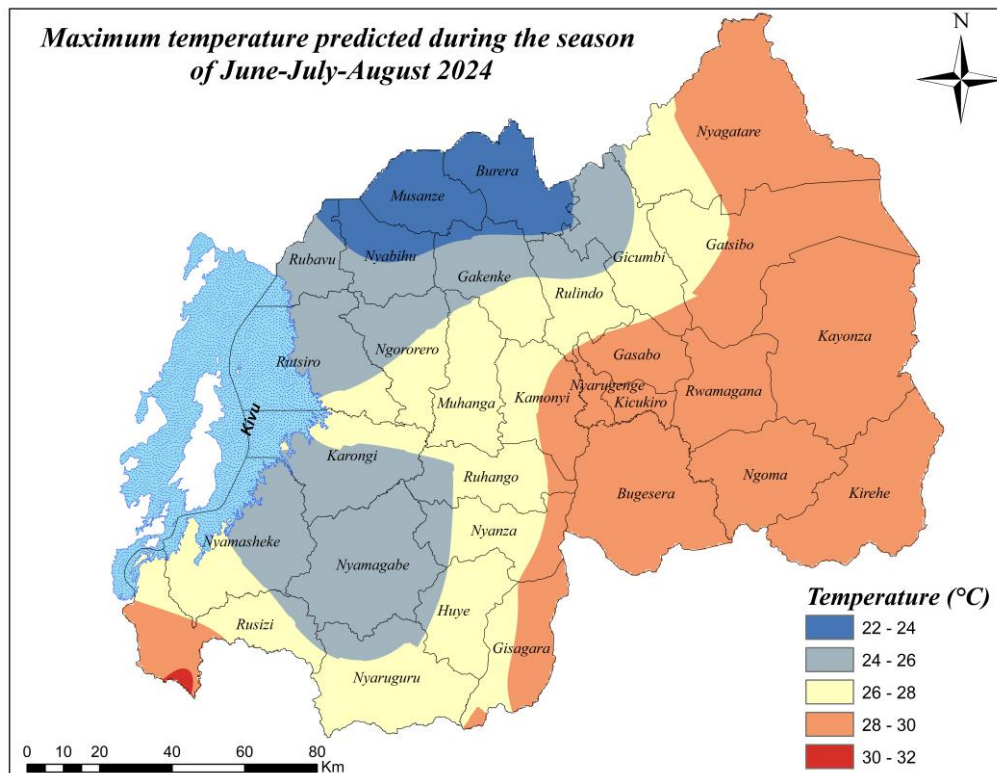


Figure 1: JJA 2024 Maximum Temperature forecast

Minimum temperature

The expected minimum temperature will range between 10°C and 18°C across the country which is above the normal minimum temperature of JJA season (Long Term Mean minimum temperature ranges between 7°C and 16°C). Musanze, Burera, Nyabihu and few parts of Rubavu and Gakenke Districts will be cooler than the other parts of the country during June to August 2024 with the temperature varying between 10°C and 12°C. The parts of Bugarama plain, and most parts of Kirehe District and southern part of Kayonza District are expected to have higher minimum temperature ranging between 16°C and 18°C.

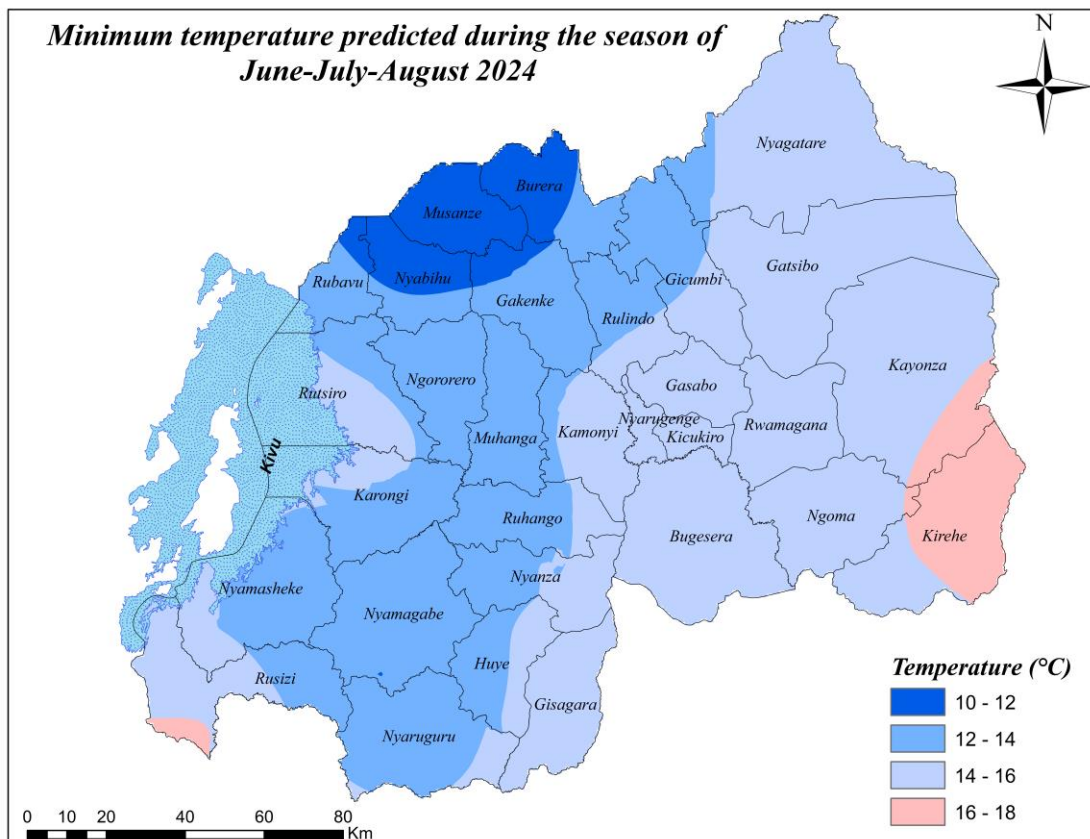


Figure 2: JJA 2024 Minimum Temperature forecast

RAINFALL EXPECTED DURING JUNE TO AUGUST 2024

JJA rainfall forecast indicates that the country will experience normal rainfall during the months of June and July across the country and above normal rainfall during the month of August 2024. The main influences of predicted rainfall in JJA season are the neutral sea surface temperatures conditions in the central tropical Pacific and Indian Oceans throughout JJA season.

The downscaled rainfall forecast for each zone is as follow:

- Rainfall ranging between 120-150 millimeters is expected over Rubavu, Rutsiro Districts, most parts of Nyabihu and Musanze Districts, western parts of Ngororero District and northern parts of Burera and Karongi Districts.
- Rainfall ranging between 90-120 millimeters is expected in Nyamasheke District, most parts of Nyamagabe, Ngororero, Karongi Districts, northern parts of Rusizi, Gicumbi, Gakenke, Rulindo Districts and western parts of Ruhango and Muhanga Districts
- Rainfall ranging between 60-90 millimeters is expected in Nyaruguru, Huye, Gicumbi Districts, most parts of Ruhango, Nyanza, Kamonyi, Rulindo and Nyagatare Districts, in the northern parts of Gasabo District and western parts of Gatsibo District.
- Rainfall ranging between 30-60 millimeters is expected over Kirehe, Ngoma, Kayonza, Bugesera and Kicukiro Districts, most parts of Gisagara, Nyarugenge and Gatsibo Districts, eastern parts of Nyanza, Ruhango and Kamonyi Districts and northern parts of Gasabo and Rwamagana Districts.

The figure below indicates the rainfall outlook for June to August 2024.

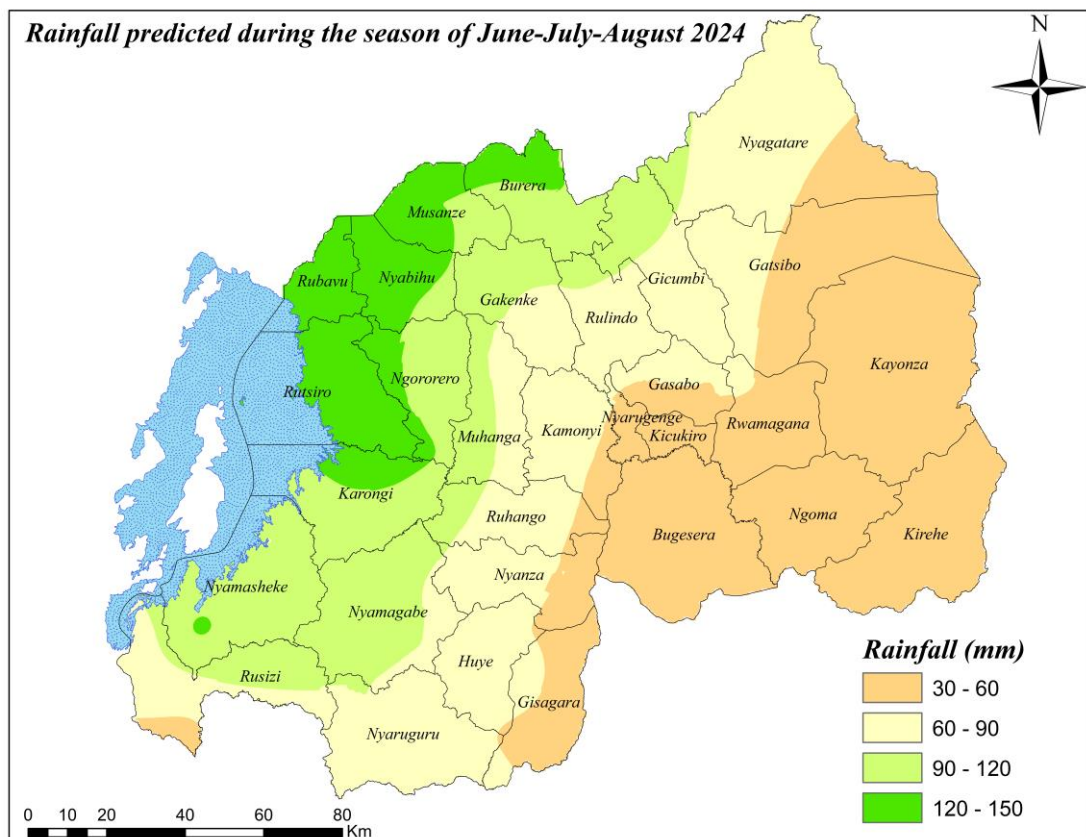


Figure3: JJA 2024 seasonal rainfall forecast



The expected impacts and advisories

JJA forecast is used in different social economic sectors such as infrastructures, tourism, environmental management including water resources management and forest fire control. Long dry season of June to August 2024 is also used in Agriculture, referred as season C and it is most useful for farming activities in marshland areas, harvesting and post-harvest handling activities of the season B. As a result, farmers are encouraged to use this forecast to maximize inputs in marshlands and avoid losses that would otherwise occur during harvesting for the previous season. The temperatures and rainfall performance during the season will influence different sectors activities; METEO RWANDA would like to appeal to all farmers to use this forecast to minimize post-harvest losses as well as proper management of water and fodder for the livestock.

N.B: This outlook should be used in conjunction with 24-hours, 5-days, 10-days forecasts, regular monthly updates and advisories issued by Rwanda Meteorology Agency.

Kigali, 7th June 2024

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