



ISO 9001:2015 CERTIFIED

SEASONAL OUTLOOK Nº 64 FOR JUNE TO AUGUST (JJA 2023)

June-July-August (JJA) is the major dry season for Rwanda where rainfall is less or not expected during the season. JJA 2023 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 2023. The main influences of predicted rainfall in JJA season are the warming Sea Surface Temperatures conditions in the central tropical Pacific and Indian Oceans throughout JJA season.

The downscaled seasonal forecast for each zone is as follow:

- Rainfall ranging between 100-200 millimeters is expected over most parts of Rubavu, Nyabihu, Rutsiro, Musanze, northern parts of Burera, Gakenke and Ngororero Districts.
- Rainfall ranging between 50-100 millimeters is expected in Southern Province, most parts of Rusizi, Nyamasheke, Karongi, Nyagatare, Gatsibo Districts, Kigali City and southern parts of Ngororero, Gicumbi, Rulindo and Gakenke Districts
- Rainfall less than 50 millimeters is expected over Kirehe, Ngoma, Kayonza, Bugesera Rwamagana Districts, southern parts of Gatsibo District and eastern parts of Kicukiro, Gasabo and Gisagara Districts.

The map below indicates the seasonal rainfall outlook for June to August 2023.

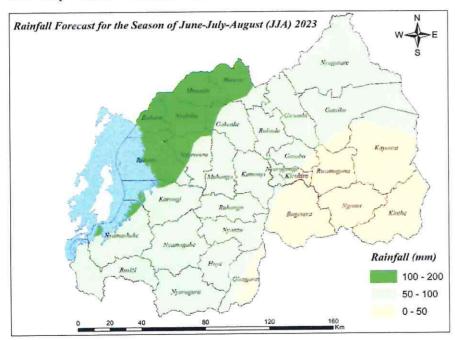


Figure 1: JJA 2023 seasonal rainfall forecast





TEMPERATURE EXPECTED DURING JUNE TO AUGUST 2023

Maximum temperature

The maximum temperature expected will be between 21°C and 30°C (degree Celsius). Eastern Province, most parts of Kigali city as well as Bugarama plain in Rusizi District will experience warmer conditions than the rest of the country during June to August 2023. The parts of highland area including the National Park of Birunga expected high temperature will be lower than other parts of the country which will vary between 21°C to 24°C.

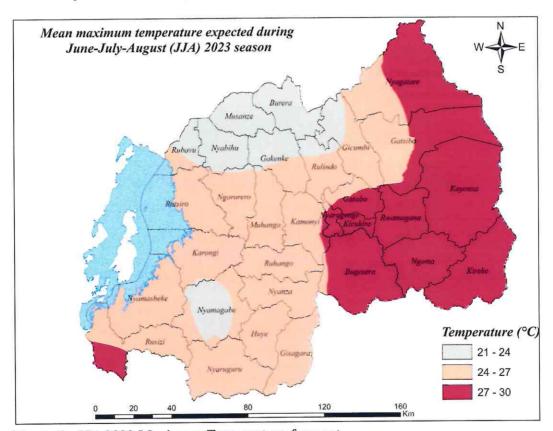


Figure 2: JJA 2023 Maximum Temperature forecast

Minimum temperature

The minimum temperature expected will range between 8°C and 20°C across the country. Volcano Park areas in the northwestern region and Nyungwe National Park will be colder than the other parts of the country during June to August 2023. The parts of plain of Bugarama, Kigali city and most parts of the Eastern Province are expected to have minimum temperature ranging between 16°C and 18°C.

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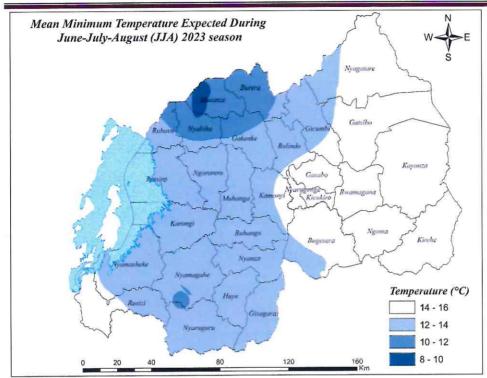


Figure 4: JJA 2023 Minimum Temperature forecast

The expected impacts and advisories

Long dry season for June to August 2023 is referred to as season C in agriculture, and it is most useful for farming activities in marshland areas, but it is also used for harvesting and post-harvest handling activities for the season B. As a result, we encourage farmers to use this forecast to maximize inputs in marshlands and avoid losses that would otherwise occur during harvesting for the previous season. The rainfall performance during the season will influence different sectors as follows:

- Reduced water levels in rivers
- Optimize all potential marshlands in the current season with the cultivation of early maturing crops and varieties.

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.

