



Weather Forecast for 1st to 10th September 2021

1. Executive summary

Cloudy weather conditions with light to moderate rainfall are expected from 1st to 3rd and from 7th to 10th September 2021. Cumulative rainfall around 30mm and above is expected in many parts of Northern and Western Provinces. The mean maximum temperature will range between 18°C and 30°C depending on the location. The highest mean maximum temperature during the 1st dekad of September 2021 is expected to range between 28°C and 30°C in many parts of Kigali city, parts of Eastern Province and Bugarama plain. Moderate to strong wind speed ranging between 4m/s and 12m/s is expected across the country.

1. Forecast of rainfall

Cumulative rainfall expected during the first dekad of September 2021 will range between 0 and 50 mm across the country. Moderate rainfall ranging between 40 and 50 mm is expected in most parts of Rubavu and Rutsiro districts, northern parts Burera and central parts of Nyamasheke. Rainfall ranging between 30 and 40 mm is expected in many parts of Western and Northern Provinces, western parts of Nyagatare and eastern parts of Gatsibo. Less cumulative rainfall ranging between 10 and 20 mm is expected in many parts of Huye, Gisagara, Bugesera, Ngoma, Kirehe and Kayonza districts. The rainfall is expected between 1st and 3rd and between 7th to 10th September 2021. The expected rainfall will be in the range of long term mean for the first dekad of September across the country. The rainfall will be associated with thunderstorms and strong downdraft wind. It will result from southward migration of Intertropical Convergence Zone (ITCZ) which supports enhancement of local drivers.

2. Forecast of maximum temperature

The expected maximum temperature during first dekad of September will range between 18°C and 30°C across the country. Higher values of maximum temperature will range between 28°C and 30°C and are expected in Bugarama plain, eastern parts of Kamonyi, most parts of Kigali city, Bugesera, Ngoma and eastern parts of Nyagatare, Gatsibo and Kayonza districts. The areas expected to experience lower average maximum temperature ranging between 18°C and 20°C include northern parts of Burera and Musanze, eastern parts of Rubavu and Rutsiro, western parts of Nyabihu and Ngororero. The expected temperature is in the range of long term average across the country.

3. Forecast of wind Speed

During the month of September 2021 dekad 1, moderate to strong winds ranging between 4m/s and 12m/s is expected across the country. The distribution map below indicates strong wind ranging between 8m/s and 12m/s which is expected in some parts of Karongi, Rutsiro and Nyamasheke districts. Moderate wind ranging between 6m/s and 8m/s will dominate the remaining parts of the country. The impacts of wind are expected to increase compared to the last dry period as it will be associated with thunderstorms.



For more details on spatial distribution of rainfall, maximum temperature and wind speed, refer to the maps below.

