



REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT & NATURAL RESOURCES
KENYA METEOROLOGICAL DEPARTMENT

Dagoretti Corner, Ngong Road, P. O. Box 30259, 00100 GPO, Nairobi, Kenya

Telephone: 254 (0) 20 3867880-7, Fax: 254 (0) 20 3876955/3877373/3867888,

E-mail: director@meteo.go.ke, info@meteo.go.ke Website: <http://www.meteo.go.ke>

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HEAVY RAINFALL UPDATE

1. 24 HOURS RAINFALL REVIEW

In the past 24 hours (11th October 9am -12th October 9am) some areas in highlands East and West of the Rift Valley reported Heavy to very heavy rainfall. Nairobi county reported the highest rainfall amounts, with most stations reporting very heavy rainfall, these are; Dagoretti corner 68mm, Jomo Kenyatta International Airport 62.4mm and Moi air base 53.1mm. The rest of the stations in Nairobi county reported heavy rainfall and these are; Wilson 48.2mm and Kabete 25.2mm.

Stations over the Highlands West of the Rift Valley reported moderate to heavy rainfall and these are; Iten 37.7mm, Eldoret Airport 28.9mm, Kakamega 19.3mm, Matungu 19.1mm and Kitale 17.8mm.

Moyale in Northeastern Kenya also reported heavy rainfall of 31.2mm.

2. HEAVY RAINFALL FORECAST

Heavy rainfall of more than 40mm is likely to continue today, 12th October, in the afternoon from about 3pm in parts of Western, Rift Valley, Central and Nairobi. The counties that will be affected include; **Uasin Gishu, Trans Nzoia, Bungoma, Kakamega, Baringo, Elgeyo Marakwet, Nakuru, Nyandarua, Samburu, Northern Kajiado, Nairobi, Nyeri, Muranga and Meru.** However, the intensity of rainfall in Nairobi county will be lower than yesterday's.

Tomorrow the spatial extent of the heavy rainfall, above 40mm, is expected to reduce and will be mostly concentrated over the Central Rift Valley. The counties that will be affected include; **Trans Nzoia, Uasin Gishu, Elgeyo Marakwet, Nakuru and Nyandarua.**

3. IMPACTS

Flash floods may occur in urban areas and areas which were previously dry. Ponds and large bodies of moving water may suddenly appear in unlikely places. In urban areas like Nairobi the heavy rains that will occur during rush hour may cause traffic jams on most roads.

MR. PETER G. AMBENJE
DIRECTOR OF METEOROLOGICAL SERVICES