

Broadcasting weather and climate information



Alexander Kememwa

Pamoja FM



- Pamoja is a Swahili word meaning Together
- Pamoja FM is a community radio station based in Kibra/Kibera.
- Founded in 2007 to empower the people of Kibera and its environs through education, information and entertainment.
- The Radio is significant source of information for people living in the informal settlement as they have limited access to TV or newspapers due to a number of factors including illiteracy and poverty.
- In a nutshell, Pamoja FM Radio 99.9 FM is an instrument of peace and a medium of community development. We have an estimated listenership of about 100,000 people in Kibra alone.

Weather and Climate Reporting in Urban Setting

Weather and climate reporting could be different in an urban setting, especially informal settlement where we have limited agricultural activities

► The driving factors for weather/climate related risks and hazards in informal settlements would include;

- Increasing temperatures
- Extreme/inconsistent rainfall
- Long dry spells

These may be contributed by;

- Density
- Settlement structure/limited air ventilation
- Lack of vegetation
- Building materials
- Inadequate sanitation and solid waste management

What we do



- ▶ We broadcast daily, weekly, seasonal weather forecast information and warnings and advisories in the following formats
 - Daily forecast (utabiri wa hali ya hewa)
 - Special weather features
 - Live talk shows
 - Presenter mentions (in cases of warnings, emergency alerts, advisories, **nowcasting**)
 - Social media posts
 - Website
 - Radio drama
 - Radio spots
 - Vox pops

Social media posts



Pamoja FM Radio. The Voice of Kibra.

6 November 2020 •

Mvua itazidi kunya hadi Jumanne wiki ijayo. Baridi litazidi pia sehemu nyingi ikiwemo Nairobi. Kuwa [#RadaYaWeather](#).

Kutoka kwa Kenya Meteorological Department - Nairobi County.



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Heavy rainfall advisory

Message Type:	Heavy Rainfall
Message Update No.:	One
Advisory No.:	01/2020
Date of Issue:	5 th November, 2020 1200 UTC
Validity:	From 8 th November, 2020 5pm to 10 th November, 2020 6pm
Urgency:	Expected
Severity:	Moderate
Certainty:	Moderate Probability of occurrence (33% to 66% Chance)

Message Description: The rainfall being experienced over several parts of the country is this week. It is likely to intensify to more than 30mm in southwestern, parts of central including Nairobi area, eastern, southern regions on Sunday 8th and Monday 9th November, 2020. The heaviest rain is expected to reduce in intensity on Tuesday 10th November, 2020.

Area(s) of Concern: Nyeri, Kiambu, Ndarua, Laikipia, Murang'a, Embu, Meru, Kirinyua, Taita Taveta, Busia, Kisumu, Nyamira, Kericho, Bomet, Nakuru, Barotsi, Nandi, Trans Nzoia, West Pokot, Uasin Gishu, Vihiga, Bungoma, Kisumu, Siaya, Kakamega, Kajiado, Nakuru, Mombasa, Kwale, Kilifi, Lamu.

Instructions: Residents in all the mentioned areas are advised to be on the lookout for heavy rain. The water levels in rivers, lakes and dams over Lake Victoria Basin, Highlands West, Central and South Rift Valley are expected to rise. Heavy rain and waters may appear in places where it has not rained heavily especially in the Highlands. Residents are advised to avoid driving through, or walking in moving floodwaters and not to shelter under trees and near grilled windows to minimize the risk of being struck. The heavy rains may result in poor visibility along the coastal roads and in the Marine industry should be on high alert. People in the coastal areas especially over the slopes of the Aberdare ranges, Mt. Kenya, and other coastal areas should be watchful. Updates will be provided promptly if there are any further developments.

Message Addressed to: Cabinet Secretary, Ministry of Environment and Forestry; C
Secretary, Ministry of Environment and Forestry; Principal Se
Environment and Forestry; the Presidency; National Intelligence
Cross, Kenya Maritime Authority, Kenya Ports Authority, National



Pamoja FM Radio. The Voice of Kibra.

30 January 2020 •

January baridi kweli si kawaida. Hata hivyo watabiri wanasema hali ya baridi na mvua itaendelea. Valia mavazi mazito, tumia maji yaliyotibiwa. Kaa rada na weather.

Photo: @Koukouey Design Initiative.



9 comments 2 shares



Like



Comment



► **Share**

Heavy rain advisory

Post on cold weather

How we get WCI from Met

- ▶ Our newsroom, the editors and a number of our journalists are part of KMD mailing list
- ▶ Apart from KMD mail, we have contact with the department in case we need further clarification and/or an expert for our talk shows or features.
- ▶ KMD website & Social Media pages

Pamoja FM
99.9mhz
...The Voice of Kibera

For more information please visit: <http://www.meteo.go.ke/> or contact the Kenya Meteorological Department via director@meteo.go.ke

Weekly forecast

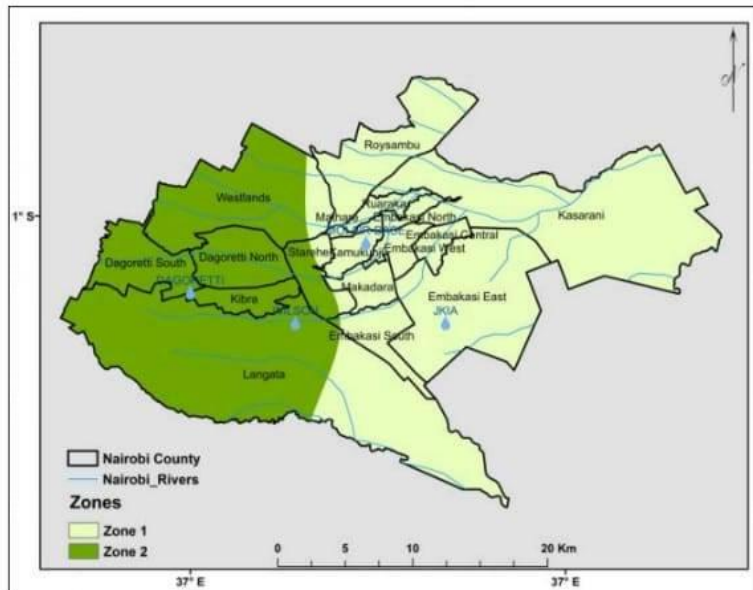


REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT & FORESTRY
KENYA METEOROLOGICAL DEPARTMENT

Dagoretti Corner, Ngong Road, P. O. Box 30259, 00100 GPO, Nairobi, Kenya
Telephone: Tel: +254 20385 67880-5, +254 7242 55153-4

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

WEEKLY WEATHER FORECAST FOR NAIROBI COUNTY
VALID FROM SATURDAY 22ND TO FRIDAY 28TH MAY, 2021
ISSUED ON: FRIDAY 21ST MAY, 2021



SUMMARY:

- The County is expected to be generally dry.
- Day-time highs are expected to be between 23°C and 26°C while night-time lows are likely to be between 14°C and 17°C.

Table 1: Forecast for the Next 7 days for Zone 1 (Mathare, Kasarani, Ruaraka, Kamukunji, Makadara, and Embakasi)

Time/Date	Saturday 22 nd May, '21	Sunday 23 rd May, '21	Monday 24 th May, '21	Tuesday 25 th May, '21	Wednesday 26 th May, '21	Thursday 27 th May, '21	Friday 28 th May, '21
Morning 6am - 12pm	 Cloudy breaking into sunny intervals.	 Cloudy breaking into sunny intervals.	 Cloudy breaking into sunny intervals.	 Cloudy breaking into sunny intervals.	 Cloudy breaking into sunny intervals.	 Cloudy breaking into sunny intervals.	 Cloudy breaking into sunny intervals.
Rainfall distribution (Morning)							
Afternoon 12pm - 6pm	 Sunny intervals.	 A chance of showers.	 A chance of showers.	 A chance of showers.	 Sunny intervals.	 Sunny intervals.	 Sunny intervals.
Rainfall distribution (Afternoon)							
Night 6pm - 6am	 Partly cloudy.	 Partly cloudy.	 Partly cloudy.	 Partly cloudy.	 Partly cloudy.	 Partly cloudy.	 Partly cloudy.
Rainfall distribution (Night)							
Maximum Temperatures	26°C	26°C	25°C	25°C	26°C	26°C	25°C
Minimum Temperatures	15°C	15°C	16°C	16°C	15°C	15°C	15°C
Hazards	No severe weather expected	No severe weather expected	No severe weather expected	No severe weather expected	No severe weather expected	No severe weather expected	No severe weather expected

Feedback



- ▶ We receive feedback from our audience through our social media channels, sms and call ins. Most are in regard to the time we broadcast our forecasts and warnings. A few pay us physical visits
- ▶ From us to KMD we can always use the mail
- ▶ Understanding of the forecasts from KMD has generally improved, thanks to co-production of the products involving community (Weather Mtaani)
- ▶ We have had concerns from our audience regarding the accuracy of the forecasts, timeliness and practicability of the advisories
- ▶ Do the advisories reach concerned authorities? E.g. NCC/NMS. What actions do they take? Almost none is seen in Kibra
- ▶ Does KMD share their forecasts and other relevant data to contractors working on various development projects?
- ▶ What are long term solutions to the flooding problem or rather drainage problem in informal settlements.

Questions, Comments?

AHSANTE!

The end