



## ಭಾರತ ಹವಾಮಾನ ಇಲಾಖೆ

ಭಾರತ ಮೌಸಮ ವಿಜ್ಞಾನ ವಿಭಾಗ

INDIA METEOROLOGICAL DEPARTMENT

ಹವಾಮಾನ ಕೇಂದ್ರ, ಬೆಂಗಳೂರು

ಮೌಸಮ ವಿಜ್ಞಾನ ಕೇಂದ್ರ, ಬೆಂಗಳೂರು

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### Impact Based Forecast and Warnings

Dated: 03.12.2024

Time of Issue: 1300 hours IST

Northeast Monsoon was vigorous over Coastal Karnataka & South Interior Karnataka and it was normal North Interior Karnataka.

Rainfall occurred at most places over Coastal Karnataka & South Interior Karnataka and at many places over North Interior Karnataka.

#### Synoptic Conditions as on 1200 hrs IST (Inference):

❖The well marked low pressure area over Coastal Karnataka and adjoining east central Arabian sea persists over the same region at 0830 hours IST of today, the 03rd December, 2024. The associated cyclonic circulation extends upto mid tropospheric levels. It is likely to move west-northwestwards over eastcentral Arabian sea during next 2 days.

#### कर्नाटक राज्य के लिए वर्षा की चेतावनी / State Rainfall Forecast / Warning:

#### FORECAST & RAINFALL WARNING FOR KARNATAKA FOR NEXT FIVE DAYS:

##### Day 1 (03.11.2024):

- Isolated heavy rain very likely to occur over Dakshina Kannada, Udupi, Chikkamagaluru districts.
- Light to moderate rain very likely to occur at most places over Uttara Kannada district and at a few places over Gadag, Haveri, Raichur, Yadgir, Dharwad, Kodagu, Hassan, Shivamogga, Mysuru, Mandya, Chitradurga and Ballari districts.
- Light rain very likely to occur at many places over the remaining districts of South Interior Karnataka and at a few places over the remaining districts of North Interior Karnataka.

##### Day 2 (04.12.2024):

- Light to moderate rain very likely to occur at many places over Dakshina Kannada, Udupi, Uttara Kannada district and at isolated places over Bidar, Kalburgi, Yadgir, Kodagu, Shivamogga, Chikkamagaluru, Tumkur, Chikkaballapura, Kolar, Chitradurga districts.

**Day 3 (05.12.2024):**

- Light to moderate rain/thundershowers very likely to occur at a few places over Dakshina Kannada, Udupi, Uttara Kannada, Bidar, Kalburgi, Yadgir, Raichur, Bagalkote, Gadag, Haveri, Dharwad, Belagavi, Ballari, Vijayanagara, Chitradurga, Tumkur, Davangere districts.
- Light rain very likely to occur at a few places over the remaining districts of Interior Karnataka.

**Day 4 (06.12.2024):**

- Light to moderate rain/thundershowers very likely to occur at a few places over Dakshina Kannada, Udupi, Uttara Kannada, Bidar, Kalburgi, Yadgir, Raichur, Bagalkote, Gadag, Haveri, Dharwad, Belagavi, Ballari, Vijayanagara, Chitradurga, Tumkur, Davangere, Shivamogga, Chikkamagaluru, Hassan, Kodagu districts.
- Light rain very likely to occur at a few places over the remaining districts of Interior Karnataka.

**Day 5 (07.12.2024):**

- Light to moderate rain/thundershowers very likely to occur at a few places over Dakshina Kannada, Udupi, Uttara Kannada districts and at a few places over Bagalkote, Gadag, Haveri, Dharwad, Belagavi, Davangere, Shivamogga, Chikkamagaluru, Hassan, Kodagu, Mysuru, Mandya, Bengaluru Rural, Bengaluru Urban, Chamarajanagar, Ramanagara districts.
- Light rain very likely to occur at a few places over the remaining districts of Interior Karnataka.

<b>Impacts Expected</b>	<b>Suggested Actions</b>
<ul style="list-style-type: none"><li>❖ Temporary disruption of electricity in some areas.</li><li>❖ Minor traffic snarls.</li><li>❖ Possible damage to Kuccha and unsecured structures</li><li>❖ Possible uprooting of weak tree branches</li></ul>	<ul style="list-style-type: none"><li>❖ Stay indoors, close windows &amp; doors and avoid travel if possible.</li><li>❖ Take safe shelters; do not take shelter under trees.</li><li>❖ Do not lean against concrete walls.</li><li>❖ Unplug electrical/ electronic appliances Immediately.</li><li>❖ Get out of water bodies immediately.</li><li>Keep away from all the objects that conduct electricity.</li><li>❖ Drive carefully if you are travelling.</li></ul>

**Dr. Rajavel Manickam**  
**Scientist 'E**  
**for Head**  
**Meteorological Centre, Bengaluru**

**LEGENDS:** HEAVY RAIN: 64.5-115.5 MM/DAY; VERY HEAVY RAIN: 115.6-204.4 MM/DAY; EXTREMELY HEAVY RAIN: MORE THAN 204.4 MM/DAY, WIDESPREAD (76-100% STATIONS), FAIRLY WIDESPREAD (51-75% STATIONS) AND SCATTERED/AT A FEW PLACES (26-50% STATIONS).

WARNING COLOUR	ACTION
Red	Take Action
Orange	Be Prepared
Yellow	Be Updated
Green	No Warning

**Legends:**  
**RAINFALL INTENSITY**

Terminology	Rainfall Range	Terminology	Rainfall Range in mm
Light Spell	1 cm/hr	Very Intense Spell	3-5 cm/hr
Moderate Spell	1-2 cm/hr	Extremely Intense Spell	5-10 cm/hr
Intense Spell	2-3 cm/hr	Cloud Burst	>10 cm/hr

**RAINFALL CATEGORIES**

Terminology	Rainfall Range in mm	Terminology	Rainfall Range in mm
Very Light Rainfall	Trace – 2.4	Heavy Rainfall	64.5 – 115.5
Light rainfall	2.5 – 15.5	Very Heavy Rainfall	115.6 – 204.4
Moderate Rainfall	15.6 – 64.4	Extremely Heavy Rainfall	>= 204.5

For any additional information also refer NDMA guidelines: <https://ndma.gov.in/Resources/awareness/>