

**UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &
INDIAN METEOROLOGICAL DEPARTMENT**



**GRAMIN KRISHI MAUSAM SEWA
AMFU, OFRS, NAGANAHALLI,
MYSURU - 570003**



Date:19-09-2025

AGRO-ADVISORY BULLETIN FOR MANDYA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	16.09.2025	17.09.2025	18.09.2025	19.09.2025
Rainfall (mm)	0	0	0	0
Max. Temp. (°C)	29	28.8	29.9	29.2
Min. Temp. (°C)	21.7	21.6	21.4	22
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	97	97	97	97
Relative humidity (%) 1730 hours	58	62	64	58
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 20-09-2025 to 24-09-2025)

Parameter	20.09.2025	21.09.2025	22.09.2025	23.09.2025	24.09.2025
Rainfall (mm)	6.6	7.8	9.4	7.7	4.2
Max. temp (°C)	27.2	27.6	28.1	27.7	28.1
Min.Temp (°C)	20.5	20.2	20.2	20.4	20
Sky condition (Octas)	8	7	7	8	8
Relative humidity (%) 0830 hours	91	92	92	92	95
Relative humidity (%) 1730 hours	66	62	60	62	59
Wind Speed (km/h)	8.9	10.2	9.8	10.5	11.7
Wind Direction	256	262	262	264	261

Forecast Summary

As forecast received from IMD, cloudy sky with **light rainfall** may be expected from **20.09.2025 to 24.09.2025** in Mandya district. The day temperature is expected to be 27.2-28.1°C & night temperature is expected to be 20-20.5°C. The relative humidity in the morning hours is expected to be 91-95% & afternoon relative humidity is expected to be in the range of 59-66% Wind speed expected to be 8.9-11.7 km/ hr.

General Advisory:**Field Crops**

- Provide drainage in paddy and vegetable fields to avoid waterlogging.
- Take up neem oil/botanical sprays in ragi and pulses for sucking pests during dry weather.
- Avoid intercultural operations when soil is too wet.

Vegetables & Horticulture

- Stake/support tomato, chilli, and creepers against lodging due to winds.
- Watch for fruit rot and leaf blight in vegetables under humid conditions.

Livestock & Poultry

- Give dry fodder and provide shelter to animals in evening humidity.
- Maintain hygiene in sheds to prevent infections.

Water Conservation

- Harvest and store rainwater in farm ponds for rabi crops.

SMS Advisory:

Drain excess water in paddy/veg, spray neem oil in pulses & ragi if no rain, stake tomato/chilli, give shelter & dry fodder to livestock.

Crops and Suitable Varieties for Sowing in September

- **Finger Millet:** ML-322, Indaf-7, Indaf-9, KMR-301, GPU-45
- **Sorghum (3-4th week):** M-35-1, Maduti (5-4-1), PSH-10
- **Sorghum varieties:** Hema, Nityashree, MH-14-5, MH-14-138
- **Popcorn:** Amber
- **Cowpea:** TVS-944-02-I, KBC-1, KBC-2, KM-9, KM-5, KM-12, KC-8 (KBC-11), PGP-6
- **Horse Gram:** PHG-9, KBH-1
- **Sunflower:** KBSH-41, KBSH-90, KBSH-44, KBSH-53, KBSH-78, KBSH-85
- **Soybean (Irrigated):** MUS-2 (Pooja), Karune (Vegetable soybean), KBS-23
- **Black gram:** KBN-1, No. 71, KBN-2
- **Sugarcane:** PES-8371 (Bheem), PES-99463 (Vishal), PES-0517 (Jaavabali), PES-18061, PES-16062
- **Horticultural crops:** Banana, Areca nut, Onion, Pineapple, Cabbage
- **Fodder crops:** Jowar: JESAT-3, Alasande: MFC-09-01, MFC-08-14, MFC-9-3
- **Bajra-Napier Grass:** PBN-342

Recommendations to the farmers:-**Weather based advisory**

Crop	Stage	Weather-Based Advisory
Paddy	Tillering	Maintain optimum water level (5 cm) in fields as light-moderate rainfall is expected. Apply top-dressing of nitrogen if not done. Monitor for leaf folder and blast; spray need-based fungicide.
Maize	Tasseling	Ensure proper soil moisture during tasseling stage, as even slight water stress affects yield. Avoid spraying pesticides during flowering. Monitor for stem borer and fall armyworm.
Tomato	Fruit formation	Rainfall and high humidity may cause fruit rot and late blight. Ensure staking and drainage. Spray protective fungicides like copper oxychloride or mancozeb. Avoid excess nitrogen

		application.
Banana	Fruit development	Provide staking/support to prevent lodging due to winds (8–10 kmph). Maintain proper drainage to avoid waterlogging. Apply potash for better fruit quality.
Black gram, Green gram, Red gram, Field bean, Cowpea	Pod filling	Maintain adequate soil moisture with light irrigation if rainfall is insufficient. Avoid pesticide sprays during flowering–pod formation to protect pollinators. Monitor for pod borers.
Sugarcane	Vegetative	Maintain good drainage as intermittent rainfall is expected. Provide earthing-up to support canes. Apply recommended dose of nitrogen if pending. Watch for borers and smut incidence.
Vegetable crops (general)	Various stages	Provide drainage to avoid waterlogging. Monitor for sucking pests and fungal diseases due to high humidity. Spray neem-based formulations or need-based pesticides. Harvest matured vegetables during dry hours.

Sector	Advisory
Livestock	<ul style="list-style-type: none"> - Provide clean, dry shelter to protect from rain and wind. - Maintain hygiene to prevent hoof and skin infections. - Ensure adequate clean water and balanced nutrition.
Poultry	<ul style="list-style-type: none"> - Keep sheds well-ventilated but protected from rain and gusty winds. - Maintain dry litter to avoid disease. - Provide vitamin supplements to boost immunity.
Sericulture	<ul style="list-style-type: none"> - Maintain optimum temperature and humidity in rearing houses. - Ensure mulberry leaves are not wet during feeding. - Improve ventilation to prevent fungal diseases in silkworms.

Block level weather forecast (From 20-09-2025 to 24-09-2025)					
Krishnarajpet					
Parameter	20.09.2025	21.09.2025	22.09.2025	23.09.2025	24.09.2025
Rainfall (mm)	7.1	9.1	6.7	6.9	3.9
Max. temp (°C)	26.5	27.2	27.2	27.2	27
Min.Temp (°C)	20.5	20.2	20.2	20.2	20.2
Sky condition (Octas)	8	7	7	8	8
Relative humidity (%) 0830 hours	91.5	91.8	91.8	92	92.7
Relative humidity (%) 1730 hours	69.6	64.1	64.3	63.9	64.4
Wind Speed (kmph)	8.8	10.9	10.1	10.2	11.3
Wind Direction	250.8	262.4	268	261.9	262.6

Maddur

Parameter	20.09.2025	21.09.2025	22.09.2025	23.09.2025	24.09.2025
Rainfall (mm)	8.2	11.4	10.1	10.3	6.3
Max. temp (°C)	27	27.7	28.2	28.2	28.1
Min.Temp (°C)	21	21	20.9	20.8	20.8
Sky condition (Octas)	8	7	7	8	8
Relative humidity (%) 0830 hours	94.2	93.4	91.1	92.2	93
Relative humidity (%) 1730 hours	66.7	60.4	58.8	56.8	57
Wind Speed (kmph)	7.6	10	8.8	9.5	9.5
Wind Direction	238.6	257.5	260.5	259.1	259.1

Malvalli

Parameter	20.09.2025	21.09.2025	22.09.2025	23.09.2025	24.09.2025
Rainfall (mm)	5.9	8.3	7.6	8.2	5.8
Max. temp (°C)	27.1	28.2	28.6	28.7	27.9
Min.Temp (°C)	21.1	21	21	20.9	20.9
Sky condition (Octas)	8	7	7	7	8
Relative humidity (%) 0830 hours	93.6	92	89.5	91.9	92.9
Relative humidity (%) 1730 hours	64.7	58.7	56.2	53.4	56.9
Wind Speed (kmph)	8.9	11	10.1	10.8	10.8
Wind Direction	238.2	251	253.5	254.6	254.6

Mandya

Parameter	20.09.2025	21.09.2025	22.09.2025	23.09.2025	24.09.2025
Rainfall (mm)	7.4	10	8.3	9.5	5.5
Max. temp (°C)	26.9	27.8	28.1	28.2	27.9
Min.Temp (°C)	20.8	20.8	20.7	20.7	20.7
Sky condition (Octas)	8	7	7	8	8
Relative humidity (%) 0830 hours	93.1	92.9	90.9	91.9	92.8
Relative humidity (%) 1730 hours	66.2	60.4	58.8	56.6	56.7
Wind Speed (kmph)	8.7	11.4	10.2	10.7	11.4
Wind Direction	245.5	259	261.9	258.3	259

Nagamangala

Parameter	20.09.2025	21.09.2025	22.09.2025	23.09.2025	24.09.2025
Rainfall (mm)	7.8	10.5	8.6	8	4.6
Max. temp (°C)	26.5	27	27.4	27.2	27.1
Min.Temp (°C)	20.5	20.2	20.2	20.2	20.2
Sky condition (Octas)	8	7	7	8	8
Relative humidity (%) 0830 hours	90.9	92.2	91	90.8	91.7
Relative humidity (%) 1730 hours	69.5	63.2	62.8	65.1	63.8
Wind Speed (kmph)	10	13.3	12.2	12.6	12.6
Wind Direction	255.5	268.5	271.7	266.7	268.4

Pandavapura

Parameter	20.09.2025	21.09.2025	22.09.2025	23.09.2025	24.09.2025
Rainfall (mm)	7.6	9.8	8.7	9.8	5.4
Max. temp (°C)	26.8	27.7	27.8	28	27.6
Min.Temp (°C)	20.7	20.7	20.7	20.6	20.5
Sky condition (Octas)	8	7	7	8	8
Relative humidity (%) 0830 hours	91.3	91.9	90.9	91.9	92.9
Relative humidity (%) 1730 hours	67.4	62.3	62	60.9	62.1
Wind Speed (kmph)	8.9	11.5	10.5	11	11.4
Wind Direction	243.4	255.5	262.1	258.7	257.3

Shrirangapatna

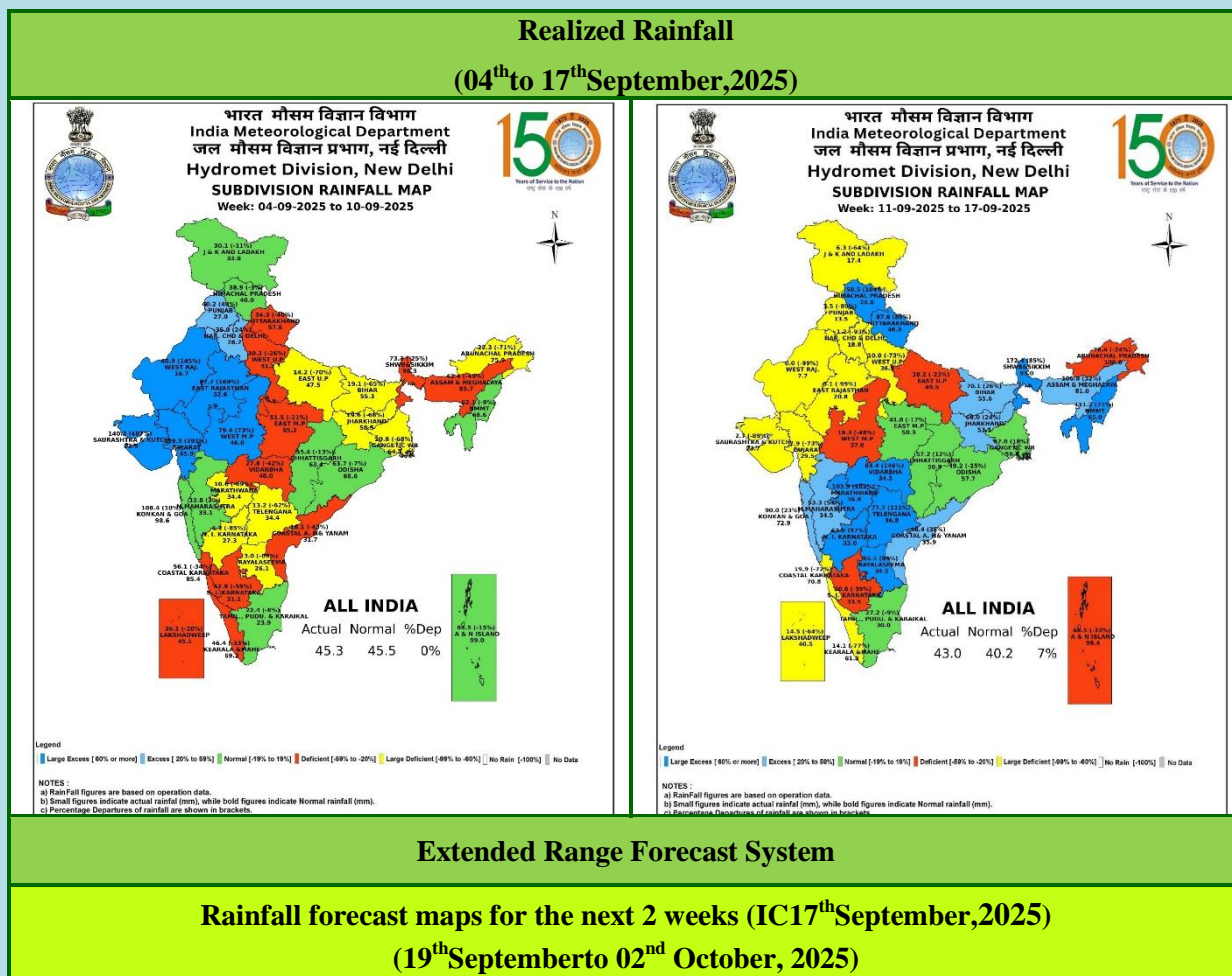
Parameter	20.09.2025	21.09.2025	22.09.2025	23.09.2025	24.09.2025
Rainfall (mm)	7.3	9.9	8.7	9.7	5.6
Max. temp (°C)	26.9	27.8	28	28.1	27.2
Min.Temp (°C)	20.8	20.6	20.7	20.6	20.6
Sky condition (Octas)	8	7	7	7	8
Relative humidity (%) 0830 hours	91.7	91.9	90.9	92.5	93.1
Relative humidity (%) 1730 hours	66.4	61.7	60.5	59.2	63.3
Wind Speed (kmph)	9	11.7	11.1	11.5	12.1
Wind Direction	241.4	252.1	256.9	255.5	252.6

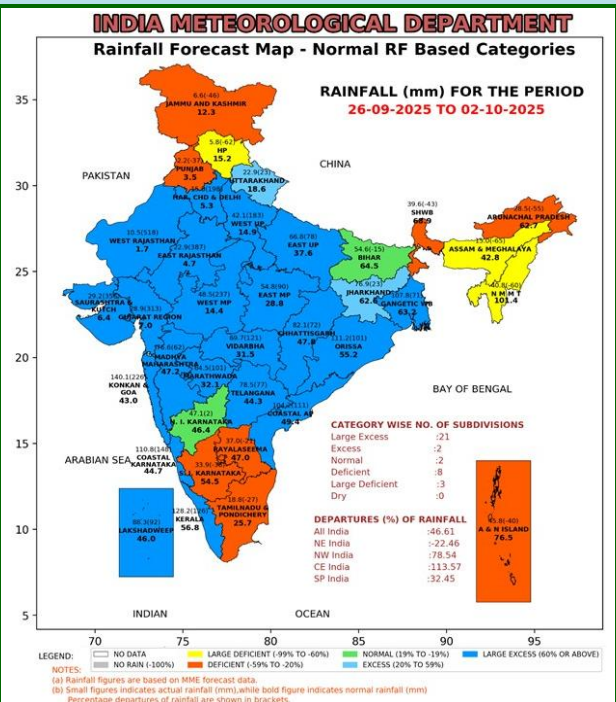
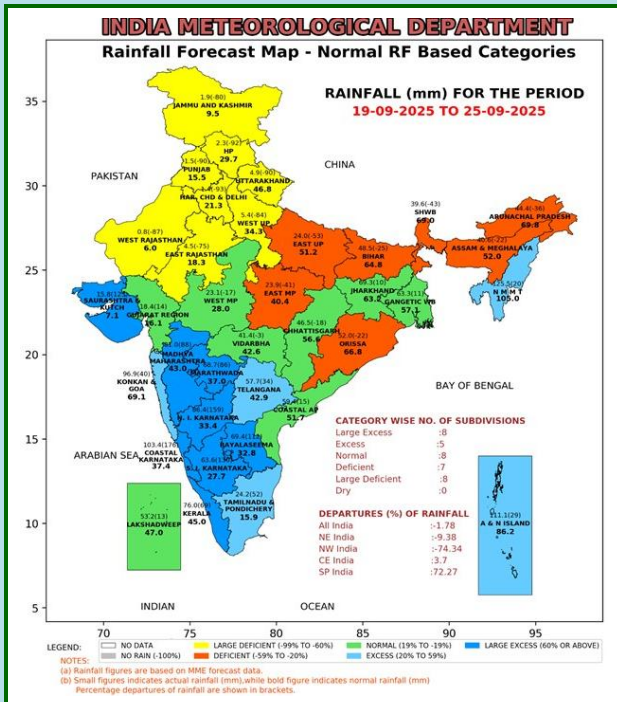
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

For any information farmers can contact **Dr.Umashankar Kumar**, N. Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No.0821-259126/ 9535345814.

AMFU of IMD, Naganahalli, Mysuru

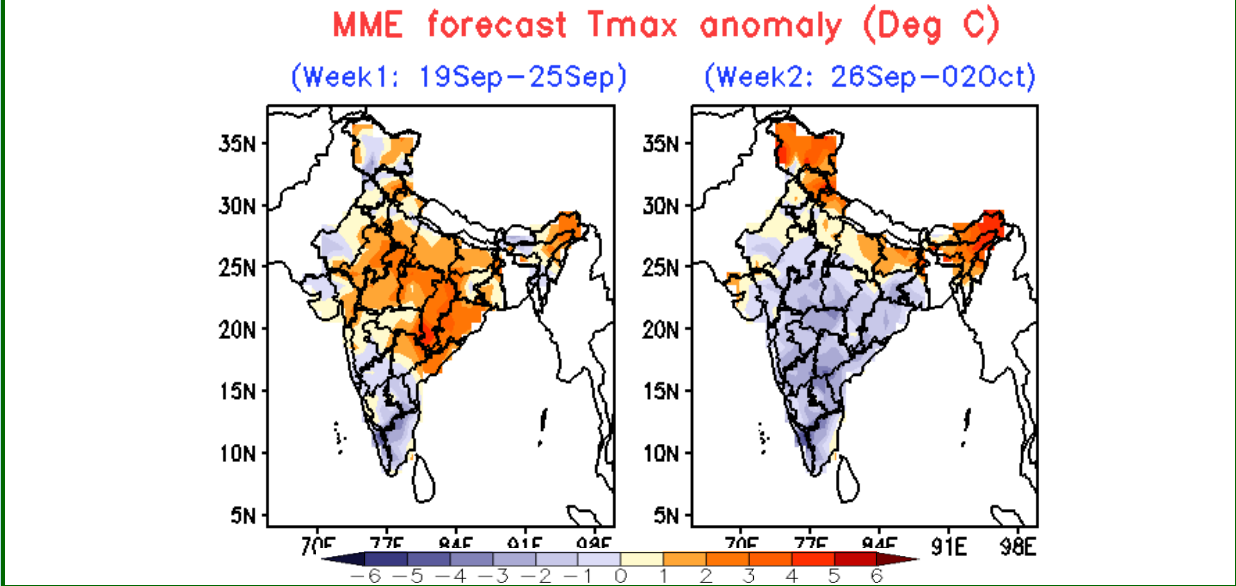
वास्तविकवर्षातथाविस्तारितअवधिपूर्वानुमान
Realized Rainfall and Extended Range Forecast
 (वर्षाऔरतापमान)
 (Rainfall and Temperature)





- **Week1(19.09.2025 to 25.09.2025):** Rainfall is likely to be above normal overmost parts of South India, Maharashtra, some parts of Gujarat and Gangetic West Bengal. However, it is likely to be below normal over North West India and most parts of North East India.
- **Week 2 (26.09.2025 to 02.10.2025):** Rainfall is likely to be above normal over most parts of North West India, Central India, West India, many parts of East India, Telangana, Coastal Andhra Pradesh, coastal regions of Karnataka and Kerala. However, it is likely to be below normal over North East India, Tamil Nadu and interior Karnataka.

Maximum and Minimum temperature anomaly (°C) forecast for the next 2 weeks (IC- 17thSeptember,2025) (19thSeptemberto 02nd October, 2025)

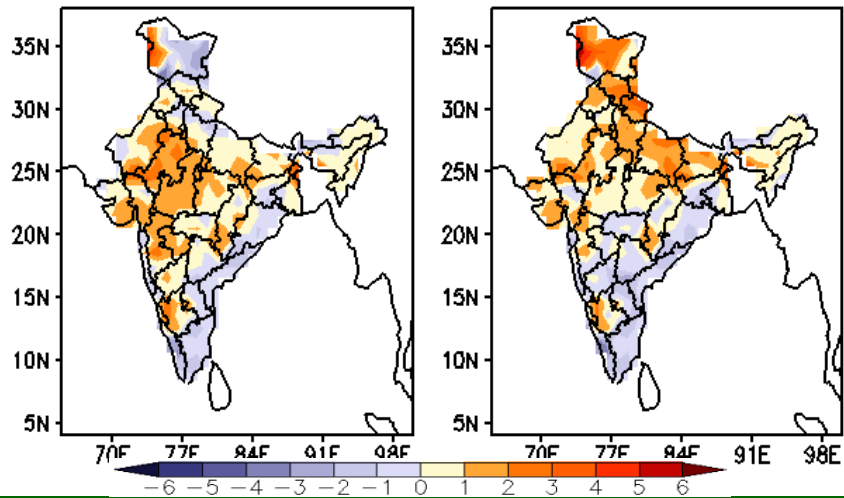


- Maximum Temperature (Tmax)**
- **Week 1 (19.09.2025 to 25.09.2025):** Maximum temperature is likely to be above normal over East India, Central India, many parts of North West India and North East India.
 - **Week 2 (26.09.2025 to 02.10.2025):** Maximum temperature is likely to be above normal over North East India, Jammu & Kashmir, Himachal Pradesh, Uttarakhand, East Uttar Pradesh and Bihar.

MME forecast Tmin anomaly (Deg C)

(Week1: 19Sep–25Sep)

(Week2: 26Sep–02Oct)



Minimum Temperature (Tmin)

- **Week 1 (19.09.2025 to 25.09.2025):** Minimum temperature is likely to be above normal over most parts of North West India, Central India, North East India, Maharashtra and Karnataka.
- **Week 2 (26.09.2025 to 02.10.2025):** Minimum temperature is likely to be above normal over North West India, Central India, North East India, Bihar, Gujarat, Madhya Pradesh, Maharashtra and South Karnataka.