

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



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



Date:19-08-2025

AGRO-ADVISORY BULLETIN FOR MANDYA DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	16.08.2025	17.08.2025	18.08.2025	19.08.2025
Rainfall (mm)	0	0	0.5	0.5
Max. Temp. (°C)	27.7	27.5	27.2	26
Min. Temp. (°C)	21.6	21.3	21.3	21.3
Sky condition (Octas)	-	-	-	-
Relative humidity (%) 0830 hours	97	97	97	94
Relative humidity (%) 1730 hours	66	69	71	79
Wind Speed (km/h)	-	-	-	-
Wind Direction	-	-	-	-

Weather forecast for the next five days (From 20-08-2025 to 24-08-2025)

Parameter	20.08.2025	21.08.2025	22.08.2025	23.08.2025	24.08.2025
Rainfall (mm)	5	5	4	4	3
Max. temp (°C)	26	27	27	27	28
Min.Temp (°C)	21	21	21	22	22
Sky condition (Octas)	6	6	6	5	5
Relative humidity (%) 0830 hours	89	91	91	90	92
Relative humidity (%) 1730 hours	68	66	60	58	56
Wind Speed (kmph)	12	10	10	8	8
Wind Direction	254	243	248	258	263

Forecast Summary

As forecast received from IMD, cloudy sky with **light rainfall** may be expected from **20.08.2025 to 24.08.2025** in Mandya district. The day temperature is expected to be 26-28°C & night temperature is expected to be 21-22°C. The relative humidity in the morning hours is expected to be 89-92% & afternoon relative humidity is expected to be in the range of 56-68% Wind speed expected to be 08-12 km/ hr.

General Advisory:

- ✓ **Wind Warning:** All crops are vulnerable to lodging or physical damage from gusty winds—take preventive structural/mechanical measures.
- ✓ **Disease Precaution:** High relative humidity (especially mornings) favors fungal/bacterial diseases—monitor crops closely.
- ✓ **Field Operations:** Schedule intercultural and pesticide applications during rain-free, low-wind periods.

SMS Advisory:

Rain and strong winds expected; support crops, ensure drainage, delay paddy transplanting during peak winds, and protect tomato and chilli from disease.

Crops and Suitable Varieties for Sowing in August**Paddy (Rice)**

- **General Sowing:** MSN-99
- **Late June (3rd-4th week):** BR-2655, Jaya
- **Aerobic Paddy:** Daksha (KMP-175), Onnasiri (MAS-26), Sharada (MAS-946), Anagha (ARB-6), Rashi

Ragi (Finger Millet): Indaf-8, MR-1, MR-6, L-5, KMR-301, GPU-45, KMR-316

Maize (Shaktiman Maize): CSH-5, CSH-9

Pearl Millet (Musuku Jola): Hema, Nithyashree, MAH-14-5, MAH-14-138, MAH-15-84

Popcorn: Amber

Bajra (Pearl Millet): WCC-75, PHVB-910

- **Late June (3rd-4th week):** ICTP-8203, SMV-221, MH-946 (GHB-558)

Foxtail Millet (Navane): PS-4, SIA-326, GPUF-3

Horsegram (Haraka): RBK-155, GPUK-3

Little Millet (Same): CO-2, OLM-203, GPUL-6, GPUL-11

Proso Millet (Oodalu): DHBM-93-3

Kodo Millet (Korale): GPUBT-2

Red Gram (Pigeon Pea / Togari): BRG-1, BRG-2, BRG-3, BRG-4, BRG-5, ICP-7035, TTB-7, Hyderabad-3C

Groundnut (Nelekadale): GKVK-5, KCG-6 (Chintamani-6), GPBD-4, ICGV-91114, JL-24, TMV-2, GKVK-27

Sunflower: KBSH-41, 90, 44, 53, 78, 85

Soybean (Soya Avare): MAUS-2 (Pooja), Karune (vegetable soybean), KBS-23

Cotton: DCS-9 (Jyoti), 48-1 (Jwala)

- **Hybrid Varieties:** DCH-177, GCH-4, 30.N.23-66

Sesame (Hucchellu) - 4th week of June: KBN-1, No.71, KBN-2, 52: 2.2-62175, 2.2-86032, 2.2.A.2-18061

Horticultural Crops

- **Vegetables:** Tomato, Potato, Brinjal, Chilli, Cabbage, Radish, Knol-khol, Carrot, Onion
- **Fruits:** Mango, Banana, Lime, Guava, Sweet lime, Sapota, Papaya, Pomegranate, Pineapple, Cashew
- **Spices:** Garlic, Ginger, Turmeric, Cardamom

Fodder Crops

- **Sorghum (Fodder Maize):** JS-SF-3
- **Cowpea (Fodder):** MF-09-01, MF-08-14, 2-09-03
- **Napier-Bajra Hybrid Grass:** PBN-342

Recommendations to the farmers:-		
Weather based advisory		
Crop	Stage	Weather-Based Advisory
Paddy	Vegetative	- Maintain optimum water level (2–3 cm) in field. - Apply recommended basal fertilizer post-transplanting.
Maize	Vegetative	- Provide staking/support against gusty winds. - Monitor for stem borer infestation due to high humidity. - Ensure proper drainage.
Tomato	Fruit formation	- Prevent fungal diseases (blight) using recommended fungicides due to high humidity & rainfall. - Avoid water stagnation.
Chilli	Fruit formation	- Spray preventive fungicides for anthracnose and fruit rot. - Harvest mature fruits before rainfall if possible.
Banana	Fruit development	- Provide propping to prevent lodging from gusty winds. - Maintain drainage. - Apply potassium-rich fertilizer for fruit quality.
Black gram, Green gram, Red gram, Field bean, Cowpea	Vegetative	- Check for pest/disease incidence, especially leaf spots and aphids. - Avoid foliar sprays during rainfall. - Ensure soil is not waterlogged.
Sugarcane	Vegetative	- Ensure sufficient drainage. - Consider earthing-up operations. - Apply recommended fertilizer dose post-rain.
Vegetable crops (general)	Various stages	- Protect from fungal infections with prophylactic sprays. - Provide support where needed. - Harvest mature vegetables before expected rainfall.

Sector	Advisory
Livestock	- 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	- Keep sheds well-ventilated but protected from rain and gusty winds. - Maintain dry litter to avoid disease. - Provide vitamin supplements to boost immunity.
Sericulture	- Maintain optimum temperature and humidity in rearing houses. - Ensure mulberry leaves are not wet during feeding. - Improve ventilation to prevent fungal diseases in silkworms.

Recommendations to the farmers:-		
Weather based advisory		
Crop	Stage	Weather-Based Advisory
Paddy	Transplanting	- Avoid transplanting during gusty wind hours; secure young seedlings. - Maintain optimum water level (2–3 cm) in field. - Apply recommended basal fertilizer post-transplanting.
Maize	Vegetative	- Provide staking/support against gusty winds. - Monitor for stem borer infestation due to high humidity.

		- Ensure proper drainage.
Tomato	Fruit formation	- Prevent fungal diseases (blight) using recommended fungicides due to high humidity & rainfall. - Avoid water stagnation.
Chilli	Fruit formation	- Spray preventive fungicides for anthracnose and fruit rot. - Harvest mature fruits before rainfall if possible.
Banana	Fruit development	- Provide propping to prevent lodging from gusty winds. - Maintain drainage. - Apply potassium-rich fertilizer for fruit quality.
Black gram, Green gram, Red gram, Field bean, Cowpea	Vegetative	- Check for pest/disease incidence, especially leaf spots and aphids. - Avoid foliar sprays during rainfall. - Ensure soil is not waterlogged.
Sugarcane	Vegetative	- Ensure sufficient drainage. - Consider earthing-up operations. - Apply recommended fertilizer dose post-rain.
Vegetable crops (general)	Various stages	- Protect from fungal infections with prophylactic sprays. - Provide support where needed. - Harvest mature vegetables before expected rainfall.

Block level weather forecast (From 20-08-2025 to 24-08-2025)

Krishnarajpet

Parameter	20.08.2025	21.08.2025	22.08.2025	23.08.2025	24.08.2025
Rainfall (mm)	0.6	1.4	0.6	1.2	2.2
Max. temp (°C)	25.6	26.2	27.8	28.6	28.7
Min.Temp (°C)	20	19.8	19.5	19.9	19.7
Sky condition (Octas)	8	5	6	7	7
Relative humidity (%) 0830 hours	91	93.2	93.1	92.2	91.6
Relative humidity (%) 1730 hours	69.1	69.9	62.7	59.8	58.5
Wind Speed (kmph)	14.8	11.6	8.2	7.6	7.6
Wind Direction	247.2	244.2	254.7	275.4	360

Maddur

Parameter	20.08.2025	21.08.2025	22.08.2025	23.08.2025	24.08.2025
Rainfall (mm)	0.3	0.6	1.2	2.9	2.6
Max. temp (°C)	27.9	28.4	29.4	29.4	29.9
Min.Temp (°C)	20.5	20.6	20.4	20.9	20.9
Sky condition (Octas)	7	5	6	7	7
Relative humidity (%) 0830 hours	89.9	90.8	89.9	89.4	89.3
Relative humidity (%) 1730 hours	57.5	58.3	54.2	49.8	50.7
Wind Speed (kmph)	13	11	8.2	6.7	7.1

Wind Direction	245.5	238.4	246.8	254.5	255.2
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Malvalli					
Parameter	20.08.2025	21.08.2025	22.08.2025	23.08.2025	24.08.2025
Rainfall (mm)	0.4	0.4	1.2	2.4	2.2
Max. temp (°C)	28	28.8	29.8	29.8	30.1
Min.Temp (°C)	20.6	20.7	20.5	20.9	21.1
Sky condition (Octas)	7	5	6	7	7
Relative humidity (%) 0830 hours	90.2	90.9	89.5	90.4	90.8
Relative humidity (%) 1730 hours	57.1	55.6	52.1	48.8	49.5
Wind Speed (kmph)	15.1	12.3	8.4	7	7.3
Wind Direction	244.6	238.2	244.5	248.7	249.8

Mandya					
Parameter	20.08.2025	21.08.2025	22.08.2025	23.08.2025	24.08.2025
Rainfall (mm)	0.2	0.7	0.9	2.7	2.9
Max. temp (°C)	27.2	27.9	28.8	29.2	29.6
Min.Temp (°C)	20.2	20.4	20.1	20.5	20.5
Sky condition (Octas)	7	5	6	7	7
Relative humidity (%) 0830 hours	89.9	91.3	90.3	89.6	89.1
Relative humidity (%) 1730 hours	59.9	60.9	57.1	50.9	51.7
Wind Speed (kmph)	14.3	11.8	9.2	8	8
Wind Direction	244.7	238.7	249.4	264.8	259.7

Nagamangala					
Parameter	20.08.2025	21.08.2025	22.08.2025	23.08.2025	24.08.2025
Rainfall (mm)	0.2	0.7	0.9	2.4	2.5
Max. temp (°C)	25.8	27.1	28.2	28.9	28.7
Min.Temp (°C)	19.9	19.8	19.6	19.9	19.9
Sky condition (Octas)	7	5	6	7	7
Relative humidity (%) 0830 hours	91.2	91.3	91.4	90.2	90.1
Relative humidity (%) 1730 hours	68.5	67.6	60.1	56.7	57.8
Wind Speed (kmph)	15	12.8	10	9	9.4
Wind Direction	249	248.5	257.5	272.3	360

Pandavapura					
Parameter	20.08.2025	21.08.2025	22.08.2025	23.08.2025	24.08.2025
Rainfall (mm)	0.6	1	1.5	1.4	3.6
Max. temp (°C)	26.8	27.5	28.5	29.1	29.2
Min.Temp (°C)	20.2	20.2	19.9	20.2	20.2
Sky condition (Octas)	7	5	7	7	7
Relative humidity (%) 0830 hours	90.9	92.3	91.4	90.9	90.7
Relative humidity (%) 1730 hours	64.1	65	59.9	55.9	55.9
Wind Speed (kmph)	14.8	12.3	9.6	8	8.4
Wind Direction	244	238.2	250.2	264.8	260.1

Shrirangapatna					
Parameter	20.08.2025	21.08.2025	22.08.2025	23.08.2025	24.08.2025
Rainfall (mm)	0.6	1	1.5	1.4	3.7
Max. temp (°C)	26.9	27.7	28.8	29.1	29.4
Min.Temp (°C)	20.2	20.2	20.1	20.4	20.5
Sky condition (Octas)	7	5	7	7	7
Relative humidity (%) 0830 hours	91.3	92.3	91.1	90.8	91
Relative humidity (%) 1730 hours	63.5	63.7	59.4	55.9	55.6
Wind Speed (kmph)	15.3	12.6	9.4	8	8.1
Wind Direction	243.4	239	247.4	262.2	257.2

- 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

वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान
Realized Rainfall and Extended Range Forecast
(वर्षा और तापमान)
(Rainfall and Temperature)

Realized Rainfall

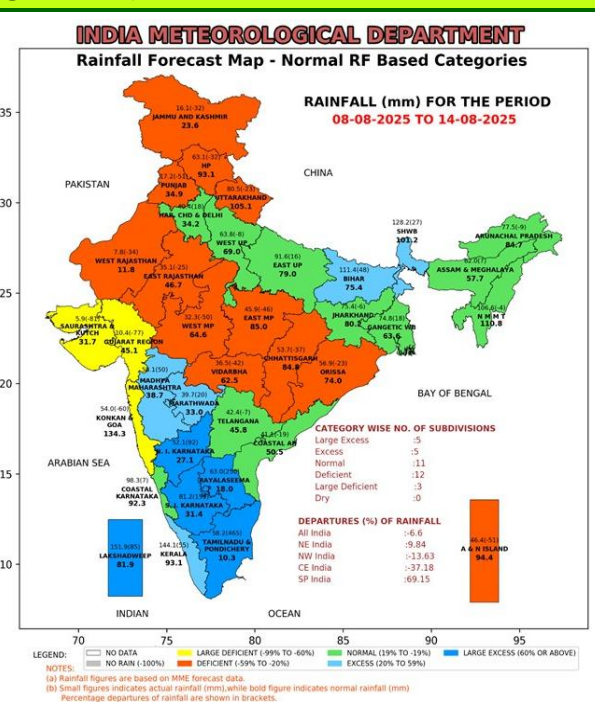
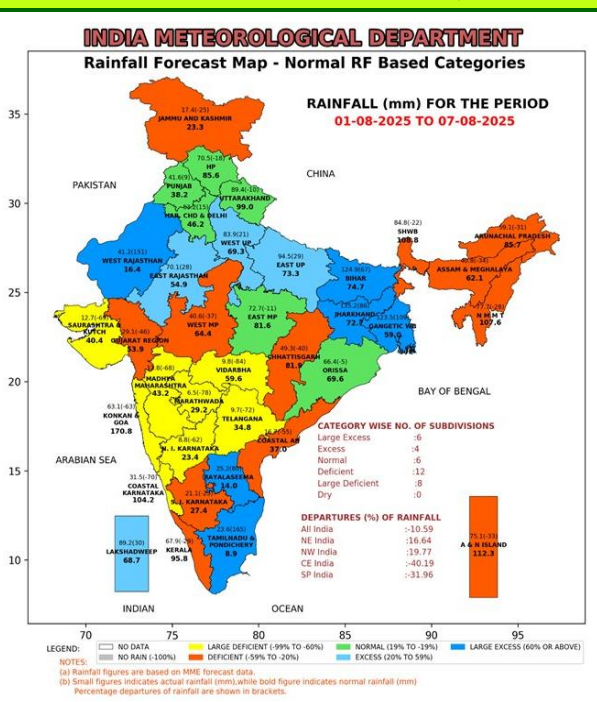
(17th to 30th July, 2025)



Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 30th July, 2025)

(01st to 14th August, 2025)

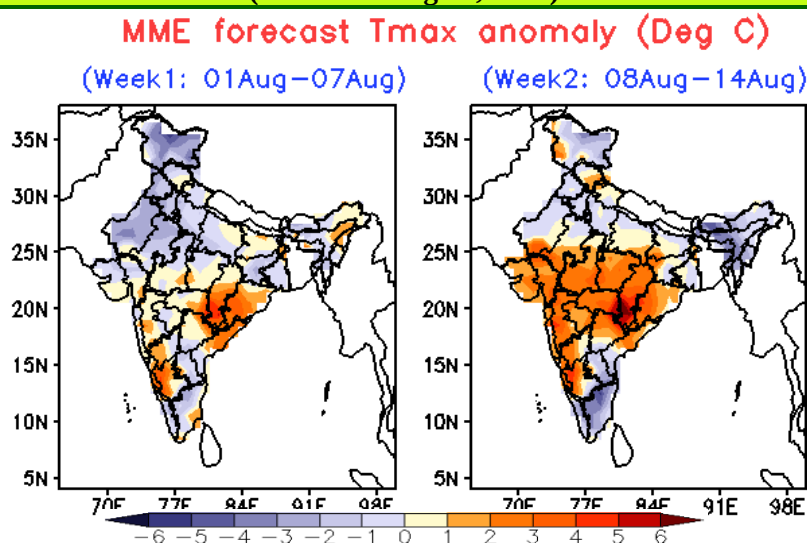


- **Week1(01.08.2025 to 07.08.2025):** Rainfall is likely to be above normal over many parts

of North West India, East India and Tamil Nadu. However, it is likely to be below normal over West India, coastal Karnataka, Telangana, many parts of Central India, Nagaland Manipur Mizoram & Tripura, Coastal Andhra Pradesh and Odisha.

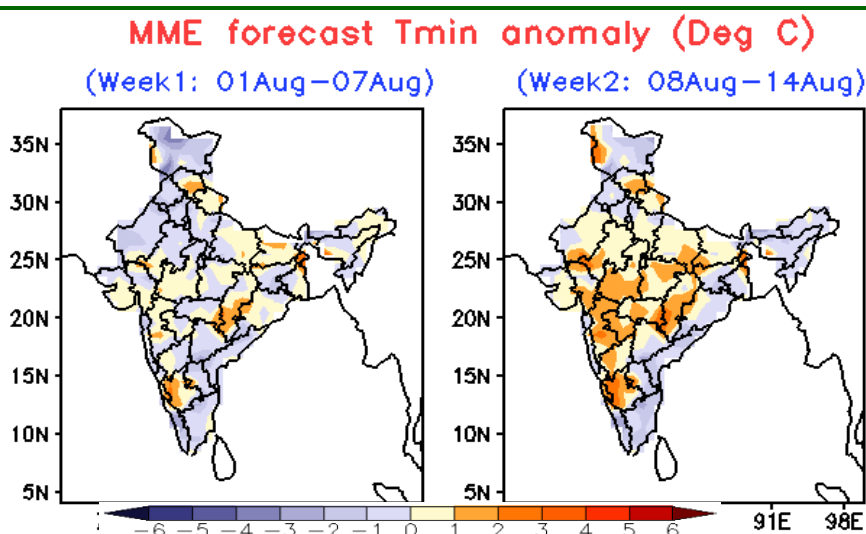
- **Week 2 (08.08.2025 to 14.08.2025):** Rainfall is likely to be above normal over many parts of South India, East India, some parts of North East India, East Uttar Pradesh, Madhya Maharashtra, Haryana and adjoining parts of Rajasthan. However, it is likely to be below normal over Central India, Gujarat, Konkan-Goa, Jammu & Kashmir, Punjab, Himachal Pradesh and Uttarakhand.

**Maximum and Minimum temperature anomaly ($^{\circ}$ C) forecast
for the next 2 weeks (IC- 30th July, 2025)
(01st to 14th August, 2025)**



Maximum Temperature (Tmax)

- **Week 1 (01.08.2025 to 07.08.2025):** Maximum temperature is likely to be above normal over Odisha, Chhattisgarh, Karnataka, Madhya Maharashtra, some parts of Madhya Pradesh and Coastal Andhra Pradesh.
- **Week 2 (08.08.2025 to 14.08.2025):** Maximum temperature is likely to be above normal over Central India, West India, Karnataka, Himachal Pradesh, parts of Telangana and Coastal Andhra Pradesh.



Minimum Temperature (Tmin)

- **Week 1 (01.08.2025 to 07.08.2025):** Minimum temperature is likely to be above normal over Karnataka, Chhattisgarh and Himachal Pradesh.

- **Week 2 (08.08.2025 to 14.08.2025):** Minimum temperature is likely to be above normal over many parts of Central India, North West India, Maharashtra and Karnataka.