

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



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



Date:17-06-2025

AGRO-ADVISORY BULLETIN FOR MYSURU DISTRICT

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Past Weather Data

Parameter	14.06.2025	15.06.2025	16.06.2025	17.06.2025
Rainfall (mm)	1	2	3	4
Max. Temp. (°C)	30	30.4	29	29.8
Min. Temp. (°C)	20.6	20.4	19	20.2
Sky condition (Octas)	6	7	8	8
Relative humidity (%) 0830 hours	78	79	77	84
Relative humidity (%) 1730 hours	70	-	-	78
Wind Speed (km/h)	4	2	2	0
Wind Direction	270	270	270	0

Weather forecast for the next five days (From 18-06-2025 to 22-06-2025)

Parameter	18.06.2025	19.06.2025	20.06.2025	21.06.2025	22.06.2025
Rainfall (mm)	15	7	6	5	5
Max. temp (°C)	30	30	31	31	32
Min.Temp (°C)	20	20	20	21	21
Sky condition (Octas)	7	7	7	6	6
Relative humidity (%) 08:30 hours	86	87	84	82	81
Relative humidity (%) 17:30 hours	72	65	67	65	61
Wind Speed (kmph)	12	10	10	8	8
Wind Direction	236	241	237	242	241
Weather warning	GW/R+	GW	GW	-	-

*GW/R+ - Gusty wind with heavy rainfall, GW – Gusty wind

Forecast Summary

As forecast received from IMD, partially cloudy sky with **light rainfall** may be expected from **18.06.2025 to 22.06.2025** in Mysuru district. The day temperature is expected to be 30-32°C & night temperature is expected 20-21°C. The relative humidity in the morning hours is expected to be 81-87% & afternoon relative humidity is expected to be in the range of 61-72% Wind speed expected to be 8-12 km/hr.

General Advisory:

- **Partly cloudy sky and light rainfall** expected – suitable for field operations such as sowing, transplanting, and fertilizer application.
- **Gusty winds likely** on 18th and 19th – support banana, pepper, and other tall crops to prevent lodging.
- **Maintain proper drainage** in low-lying fields to prevent excess moisture and root diseases, especially in vegetables, ginger, and spices.
- **Humidity levels are high** – favorable for fungal and bacterial diseases. Apply **preventive fungicides** (like Copper oxychloride or Mancozeb) during dry spells.
- **Fertilizer application** is favorable during this period – split doses are recommended for better efficiency.
- **Livestock care:** Provide shelter, dry bedding, and clean drinking water. Avoid grazing during gusty conditions.
 - Protect livestock from rain and provide clean drinking water

SMS Advisory:

Rain expected next 5 days. Ensure field drainage, delay fertilizer use, stake banana, monitor pests. Keep livestock shelters dry.

Crops and Suitable Varieties for Sowing in May

- 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	Advisory Based on Forecast
Paddy	Summer-Harvesting	• Delay harvesting on 18th June due to heavy rain. • Prefer 21–22 June for harvesting and drying in clear weather.
	Kharif- Nursery preparation	• Utilize rainfall for nursery bed preparation. • Ensure drainage to prevent seedling rot. • Avoid sowing during heavy rain days (18–19 June).
Maize	Vegetative	• Rain and humidity favor growth but also pests/diseases. • Monitor for leaf blight and stem borer; apply control measures in dry hours.
Tomato	Fruit formation	• High humidity can cause blight and fruit rot. • Use protective fungicide sprays (e.g., Mancozeb or Copper oxychloride). • Ensure good air circulation.
Chilli	Fruit formation	• Monitor for anthracnose and fruit rot. • Harvest mature fruits before expected rain. • Avoid water stagnation.
Banana	Fruit development	• Moderate wind requires propping/support. • Monitor for leaf spot diseases; apply sprays during dry periods.
Black gram, Green gram, Red gram, Field bean, Cowpea	Sowing / Harvesting	• Sowing: ideal after 20th June, if fields are not waterlogged. • Harvest: Delay until rain decreases to avoid losses.
Sugarcane	Vegetative	• Good growth due to rainfall. • Watch for early shoot borer and whitefly; apply neem oil or traps.
Mango	Fruit development	• Harvest mature fruits before 18th June rainfall. • Post-harvest: Dry fruits and store well. • Control fruit fly using pheromone traps.
Vegetable crops (general)	Various stages	• High humidity and cloudy weather favor fungal and bacterial diseases like blight, damping-off, and powdery mildew. • Ensure proper drainage and avoid waterlogging.

		• Apply preventive fungicides (e.g., Copper oxychloride, Mancozeb) during dry spells. • Avoid sowing/transplanting on 18–19 June; prefer 20–22 June. • Monitor aphids and whiteflies; use neem-based insecticides.
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Category	Advisory
Livestock	Provide clean and fresh drinking water regularly due to moderate temperatures. Ensure well-ventilated, dry, and shaded shelters to protect animals from humidity and mild rainfall. Monitor animals for signs of respiratory issues due to humid conditions.
Poultry	Keep poultry sheds dry and well-ventilated. Avoid overcrowding to reduce stress and disease risk during humid and rainy days. Provide clean water and balanced feed during cooler morning and evening hours. Maintain hygiene to prevent fungal and bacterial infections.

Block level weather forecast (From 18-06-2025 to 22-06-2025)

H.D. Kote					
Parameter	18.06.2025	19.06.2025	20.06.2025	21.06.2025	22.06.2025
Rainfall (mm)	2.1	1.1	1.4	0.8	0.6
Max. temp (°C)	24.5	25.9	26	26.4	26.7
Min.Temp (°C)	20.4	20.2	20.6	20.1	20.2
Sky condition (Octas)	8	7	8	7	6
Relative humidity (%) 0830 hours	93.2	94.9	95.6	95.8	94.9
Relative humidity (%) 1730 hours	80.3	70.2	70.6	69	65.7
Wind Speed (kmph)	10.4	10.7	10.7	10	10.2
Wind Direction	226.4	227.7	225	229.4	230.7

Hunsuru					
Parameter	18.06.2025	19.06.2025	20.06.2025	21.06.2025	22.06.2025
Rainfall (mm)	1.6	0.7	0.9	0.6	0.5
Max. temp (°C)	25.4	25.9	25.4	26.5	26.5
Min.Temp (°C)	20.1	20.5	20.6	20.2	20.2
Sky condition (Octas)	8	7	8	7	6
Relative humidity (%) 0830 hours	91.6	91.2	92.8	93	92.6
Relative humidity (%) 1730 hours	72	68.7	70.9	67.2	62.6
Wind Speed (kmph)	14	13	13.2	13.9	13

Wind Direction	235.5	242	240.6	245.4	242
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K.R. Nagara					
Parameter	18.06.2025	19.06.2025	20.06.2025	21.06.2025	22.06.2025
Rainfall (mm)	2.1	1.5	2.2	1	0.9
Max. temp (°C)	25.9	26.2	25.7	26.7	26.9
Min.Temp (°C)	20.2	20.4	20.9	20.2	20.4
Sky condition (Octas)	8	7	8	7	7
Relative humidity (%) 0830 hours	91.6	91.2	92.8	93	92.6
Relative humidity (%) 1730 hours	72	68.7	70.9	67.2	62.6
Wind Speed (kmph)	13.3	14.2	12.1	13.7	13.4
Wind Direction	237.2	242.8	239.6	246.8	242.7

Mysuru					
Parameter	18.06.2025	19.06.2025	20.06.2025	21.06.2025	22.06.2025
Rainfall (mm)	2.4	0.9	2	0.6	0.7
Max. temp (°C)	26.7	27.2	26.6	27.8	27.5
Min.Temp (°C)	20.8	20.8	21	20.6	20.9
Sky condition (Octas)	8	7	8	7	7
Relative humidity (%) 0830 hours	89.6	90.2	91.6	91.2	90.2
Relative humidity (%) 1730 hours	68.4	62.8	65.8	60.8	58.5
Wind Speed (kmph)	14.2	14.7	14	14.8	15.1
Wind Direction	234.3	242.2	240.8	244	244.6

Nanjanagudu					
Parameter	18.06.2025	19.06.2025	20.06.2025	21.06.2025	22.06.2025
Rainfall (mm)	1.1	0.6	1.4	0.6	0.6
Max. temp (°C)	27.6	28.7	28.1	28.9	29.1
Min.Temp (°C)	21.4	21.4	21.6	21.2	21.5
Sky condition (Octas)	8	6	8	6	6
Relative humidity (%) 0830 hours	84.8	86.2	86	86	84.4
Relative humidity (%) 1730 hours	62.8	55.6	57	55	51.6
Wind Speed (kmph)	15.2	16.4	15.6	16.5	16

Wind Direction	247.7	254.7	251.1	253.5	255.6
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Piriapatna					
Parameter	18.06.2025	19.06.2025	20.06.2025	21.06.2025	22.06.2025
Rainfall (mm)	2.9	2.5	1.6	1.9	1.4
Max. temp (°C)	23.4	24.1	23.9	24.4	24.7
Min.Temp (°C)	19.2	19.7	19.8	19.6	19.5
Sky condition (Octas)	8	8	8	7	7
Relative humidity (%) 0830 hours	96	95.9	95.6	97.2	96.7
Relative humidity (%) 1730 hours	82	75.6	77.9	76.8	70.8
Wind Speed (kmph)	11.4	10.3	10.5	10.8	10
Wind Direction	241.8	240.7	239	244.3	239.7

T. Narasipura					
Parameter	18.06.2025	19.06.2025	20.06.2025	21.06.2025	22.06.2025
Rainfall (mm)	1.5	0.4	0.9	0.3	0.1
Max. temp (°C)	27.8	28.7	28.2	29.1	29.4
Min.Temp (°C)	21.2	21.4	21.6	21.2	21.5
Sky condition (Octas)	8	7	7	6	6
Relative humidity (%) 0830 hours	86.8	87	88.8	87.6	86.4
Relative humidity (%) 1730 hours	62.6	56.4	58.4	54.8	53.2
Wind Speed (kmph)	14.8	16	15	15.5	16
Wind Direction	240.9	247.5	245.9	248.2	247.5

- 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.C.Ramachandra**, Senior Farm Superintendent/ **Dr. Sumanth Kumar.G.V**, Technical officer over phone No.0821-259126/ 9535345814.

**AMFU of IMD,
Naganahalli, Mysuru**