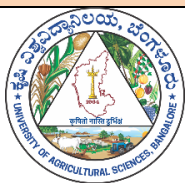


**OF AGRICULTURAL SCIENCES, BENGALURU &
INDIA METEOROLOGICAL DEPARTMENT**



**GRAMIN KRISHI MAUSAM SEWA AMFU,
AICRP- Agrometeorology, UAS,GKVK
Bengaluru – 560 065**



Date: 17-04-2026

**AGRO-ADVISORY BULLETIN FOR Bengaluru South DISTRICT
Issued jointly by UAS, Bangalore & Indian Meteorological Department**

Past Weather Data (13-04-2026 to 17-04-2026)

	13.04.2026	14.04.2026	15.04.2026	16.04.2026	17.04.2026
Rainfall (mm)	-	-	-	-	-
Max. Temp. (°C)	-	-	-	-	-
Min. Temp. (°C)	-	-	-	-	-
Sky condition (Octas)	-	-	-	-	-
Relative humidity (%) 0830 hours	-	-	-	-	-
Relative humidity (%) 1730 hours	-	-	-	-	-
Wind Speed (km/h)	-	-	-	-	-
Wind Direction	-	-	-	-	-



Weather forecast for the next five days (From 18-04-2026 to 22-04-2026)

Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	2	3	0
Max. Temp. (°C)	36	37	36	37	36
Min. Temp. (°C)	25	24	25	24	24
Sky condition (Octas)	1	2	3	4	2
Relative humidity (%) 0830 hours	63	60	62	64	62
Relative humidity (%) 1730 hours	33	34	36	35	34
Wind Speed (kmph)	4	6	4	6	4
Wind Direction	225	90	90	248	235

Forecast Summary

As forecast received from IMD, clear sky with **No rain** expected 18-04-2026 to 22-04-2026 in Bengaluru South District. The day temperature is expected to be 36.0-37.0°C and night temperature is expected to be 24.0-25.0°C. The relative humidity in the morning hours is expected to be 60-65 % and afternoon relative humidity is expected to be in the range of 33-36 %, Wind speed is expected to be 4-6 km/hr.

SMS Advisory

Due to increase in temperature day by day promotes fruit drop is observed in mango orchard. Provide one or two irrigation at marble stage of crop



Recommendations to the farmers: -

Crop	Pest/Disease	Damage symptoms	Control measures
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General Advisory:

Field Crops

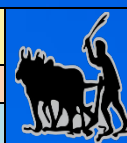
1. Right time for harvesting, drying, cleaning and storage of Rabi crops.
2. Apply **neem leaves/neem powder** in grain bags as a natural repellent.
3. For long-term storage of pulses, store with **tri-sodium phosphate (TSP) treated** gunny sacks to reduce bruchid attack.

Vegetables & Horticulture

1. Watch for fruit borer and shoot borer in fruit development stage.
2. Spray the chemicals early morning and late evening for better pest and disease control.

Livestock & Poultry

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



Crop	Stage	Pest and Diseases	Weather-Based Agromet Advisory
French beans	Flowering	Mites	Avoid water stress during flowering and frequent irrigation is required for better growth. To improve pod setting in summer, a foliar spray of Solubor (Boron) @ 1g/liter is recommended. This strengthens the pollen tube and reduces flower drop. Spray Wettable Sulphur 2 g/L
Chilli	Fruit development stage	Thrips	For thrips, use Fipronil 1 g/l of water or Neem oil 3 ml/l of water. Apply recommended dose of potash to improve fruit quality and pungency. Foliar spray of micronutrients (Zn + Boron) if deficiency symptoms appear.
Ridge guard	Flowering and fruit formation stage	Fruit Fly	Install Cue-lure pheromone traps (10/acre). Wrap young fruits in paper/cloth bags. Irrigate at 3–4 day intervals in summer.
Tomato	Flowering	Whitefly / Aphids	Flower Drop: When temperatures >32 °C during the day or 24 °C at night, pollen becomes sterile and flowers fall. Spray Planofix (Alpha NAA) at a very low dose (0.25 ml per liter) to improve fruit set. Install Yellow Sticky Traps (10/acre). Spray Imidacloprid (0.3 ml/L) or Neem Oil.
Mango	Fruit development stage	Fruit fly	Provide light irrigation at 10–12-day intervals if soil moisture is low. Apply Sulphate of Potash (00:00:50) @ 5g/liter of water to improve fruit quality and weight. Apply a foliar spray of Potassium Nitrate (KNO₃) at 1–2% to improve fruit size, sweetness and heat tolerance

			Install Methyl Eugenol pheromone traps (10 traps/hectare).
Arecanut		Inflorescence Die-back	Apply dry leaves, coconut husk or organic mulch in basins to conserve moisture. Stem Wrapping: Wrap the exposed south-western side of the palm stems with dry areca leaf sheaths, opaque polythene, or trunk with lime (calcium carbonate) . This prevents the stem from heating up, cracking, and eventually breaking. Spray Hexaconazole (1 ml/liter) or 1 % Bordeaux mixture.

Livestock, Poultry, and Sericulture Advisory	
Sector	Weather-Based Advisory
Livestock	<ol style="list-style-type: none"> 1. Provide dry and clean shelter; avoid animals standing in wet areas. 2. Provide clean and cool drinking water 3–4 times/day. Ensure sufficient water availability at all times. 3. Monitor for tick and mite infestations; use approved acaricides if needed. 4. Provide balanced feed and mineral supplements. 5. Provide shade, proper ventilation, and sprinkle water on shed roof if needed during peak afternoon heat. 6. Continue vaccination and deworming schedules. Observe for signs of heat stress (panting, reduced feed intake).
Sericulture	<p>Chawki (early stage): Maintain temperature 26–28°C and RH 75–85%. Sprinkle water on floor to maintain humidity if required.</p> <p>Late age larvae: Maintain temperature 24–26°C and RH 65–70%. Ensure good ventilation to prevent disease incidence.</p> <p>Provide fresh, tender leaves in required quantity. Avoid wilted leaves.</p> <p>Disinfect rearing house and appliances before batch rearing. Remove bed refuse regularly.</p>
Poultry	<ol style="list-style-type: none"> 1. Ensure proper airflow in poultry sheds. Use fans if necessary. 2. Provide cool water with electrolytes during hot hours. 3. Provide electrolytes + vitamins in water for immunity. 4. Keep litter dry to prevent ammonia accumulation. 5. Maintain biosecurity measures and regular health monitoring..

Block level weather forecast (From 18-04-2026 to 22-04-2026)					
CHANNAPATTANA BLOCK					
Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	0	1	0
Max. temp (°C)	39	38	38	37	37

Min.Temp (°C)	23	23	23	23	23
Sky condition (Octas)	4	2	1	1	1
Relative humidity (%) 0830 hours	67	73	81	85	84
Relative humidity (%) 1730 hours	15	18	17	19	19
Wind Speed (kmph)	5	6	5	7	7
Wind Direction	216	202	194	217	223

KANAKAPURA BLOCK					
Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	38	37	38	38	38
Min.Temp (°C)	23	23	23	23	23
Sky condition (Octas)	5	2	1	1	1
Relative humidity (%) 0830 hours	64	64	75	83	84
Relative humidity (%) 1730 hours	16	19	17	19	20
Wind Speed (kmph)	1	6	4	4	7
Wind Direction	180	157	149	253	270

MAGADI BLOCK					
Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	0	0	0
Max. temp (°C)	38	37	37	36	36
Min.Temp (°C)	23	23	22	22	22
Sky condition (Octas)	4	2	1	1	1
Relative humidity (%) 0830 hours	66	67	77	86	87
Relative humidity (%) 1730 hours	15	18	18	21	20
Wind Speed (kmph)	4	8	7	8	8
Wind Direction	190	198	177	212	225

RAMANAGARA BLOCK					
Parameter	18.04.2026	19.04.2026	20.04.2026	21.04.2026	22.04.2026
Rainfall (mm)	0	0	0	1	0
Max. temp (°C)	39	38	38	37	37
Min.Temp (°C)	23	23	23	23	23
Sky condition (Octas)	4	2	1	1	1
Relative humidity (%) 0830 hours	67	73	78	85	84
Relative humidity (%) 1730 hours	15	18	17	19	19
Wind Speed (kmph)	5	6	4	7	8
Wind Direction	207	195	185	217	225

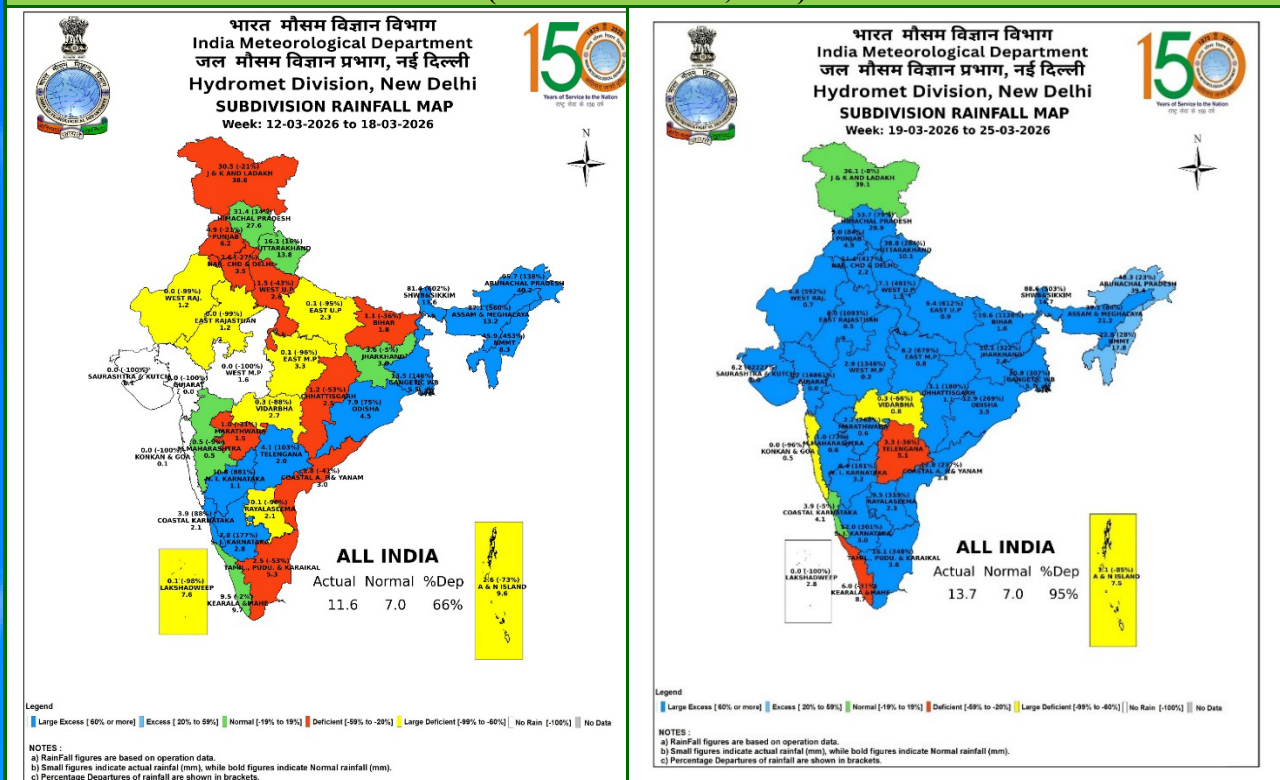
- Download “**DAMINI**” app to get early warning on lightening and take precautions based on the alert given by the application.
- Kindly download “**MAUSAM**” APP for location specific forecast & warning & “**MEGHDOOT**” APP for Agromet advisory
- This information is available in the website: mausam.imd.gov.in

For any information farmers can contact **Dr. M. N. Thimmegowda**, Professor & Head/
Mr. L. Nagesha, Technical officer over phone No. **9741109702/ 9008454142**

AMFU of IMD,
AICRP-AM, Bengaluru

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

Realized Rainfall
(12th to 25th March, 2026)

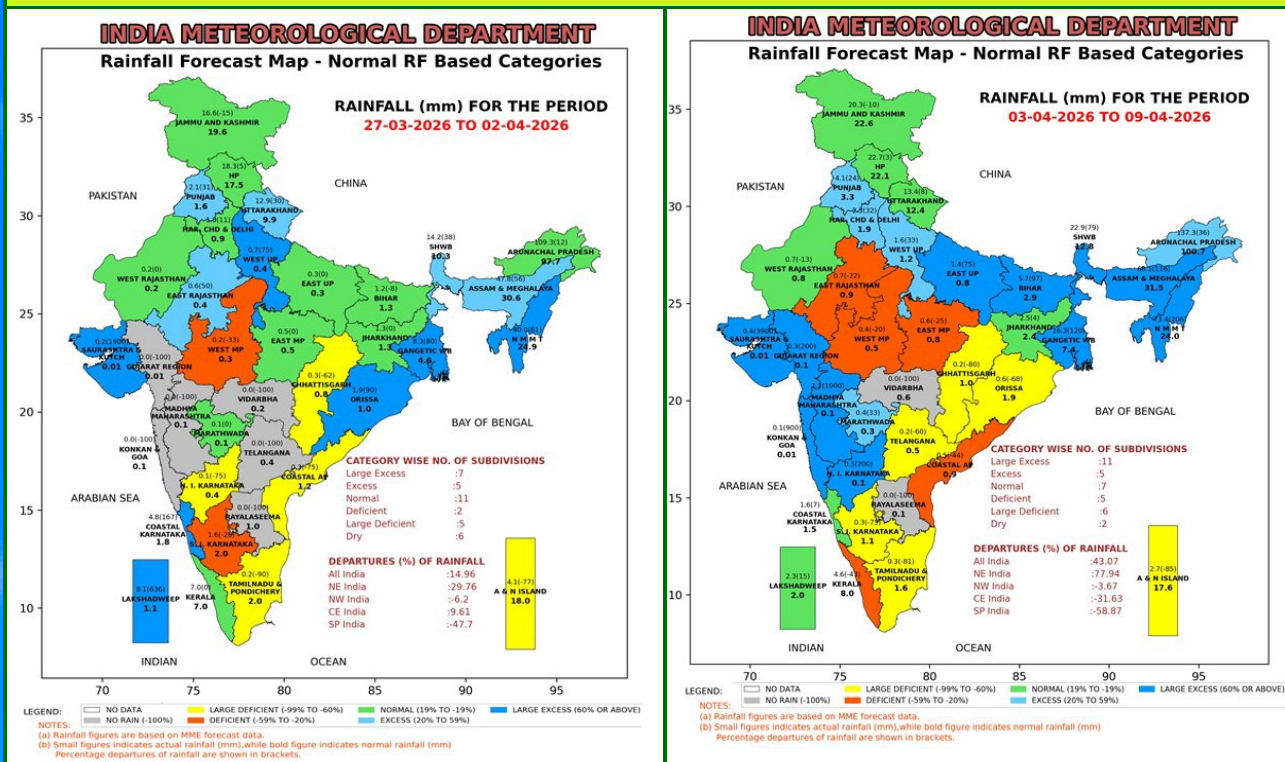


- Normal or above normal rainfall occurred in both the weeks over Himachal Pradesh, Uttarakhand, West Bengal & Sikkim, Assam & Meghalaya, Arunachal Pradesh, Nagaland-Manipur-Mizoram-Tripura (NMMT), Jharkhand, Odisha, Madhya Maharashtra and Karnataka.
- Normal or above normal rainfall occurred in either of the two weeks over Jammu & Kashmir, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Bihar, Rajasthan, Madhya Pradesh, Chhattisgarh, Gujarat State, Marathwada, Andhra Pradesh & Yanam, Telangana, Kerala & Mahe and Tamil Nadu- Puducherry & Karaikal

- Below Normal rainfall / No rain occurred in both the weeks over rest of the States & UTs.

Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 25th March, 2026)
(27th March to 09th April, 2026)



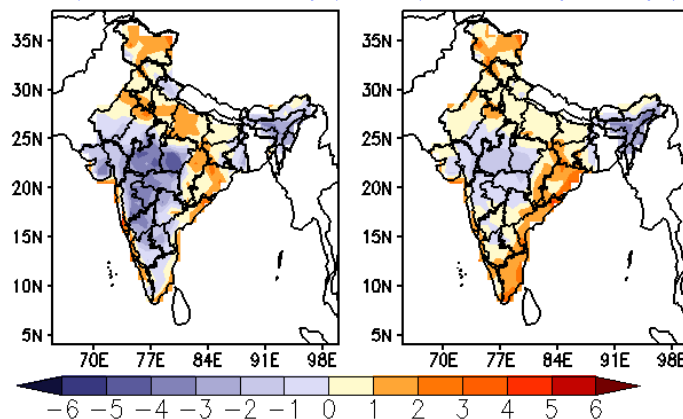
- Week 1 (27.03.2026 to 02.04.2026):** Rainfall activity is likely over Jammu & Kashmir, Himachal Pradesh and some parts of Gangetic West Bengal and adjoining areas of Odisha, Uttarakhand and Kerala. Rainfall is likely to be above normal over North East India.
- Week 2 (03.04.2026 to 09.04.2026):** Rainfall activity is likely over many parts of Jammu & Kashmir, Himachal Pradesh, Gangetic West Bengal and some parts of Bihar, Uttarakhand and Kerala. Rainfall is likely to be above normal over North East India.

**Maximum and Minimum temperature anomaly (°C) forecast
for the next 2 weeks (IC- 25th March, 2026)
(27th March to 09th April, 2026)**

MME forecast Tmax anomaly (Deg C)

(Week1: 27Mar-02Apr)

(Week2: 03Apr-09Apr)



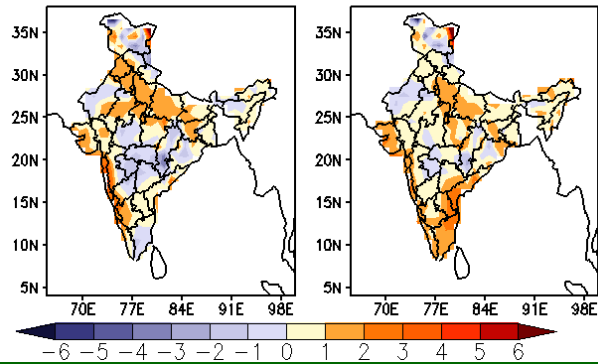
Maximum Temperature (Tmax)

- **Week 1 (27.03.2026 to 02.04.2026):** Maximum Temperature is likely to be above normal over many parts of North West India, East India, Chhattisgarh, Konkan & Goa, Coastal Karnataka, North Kerala, Coastal Andhra Pradesh & Yanam and coastal regions of Tamil Nadu.
- **Week 2 (03.04.2026 to 09.04.2026):** Maximum temperature is likely to be above normal over many parts of North West India, East India, South India, Chhattisgarh and Konkan & Goa.

MME forecast Tmin anomaly (Deg C)

(Week1: 27Mar-02Apr)

(Week2: 03Apr-09Apr)



Minimum Temperature (Tmin)

- **Week 1 (27.03.2026 to 02.04.2026):** Minimum Temperature is likely to be above normal over many parts of North West India and some parts of Bihar, Jharkhand, Madhya Pradesh, Gujarat State, Konkan & Goa, Madhya Maharashtra, Coastal Karnataka & South Interior Karnataka.
- **Week 2 (03.04.2026 to 09.04.2026):** Minimum temperature is likely to be above normal over most parts of India except some parts of West Rajasthan, Marathwada and Chhattisgarh.