UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &
INDIA METEOROLOGICAL DEPARTMENT

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Bengaluru – 560 065

Date: 15-05-2026

AGRO-ADVISORY BULLETIN FOR CHIKKABALLAPURA DISTRICT

Issued jointly by UAS, Bangalore & Indian Meteorological Department

Past Weather Data (11-05-2026 to 15-05-2026)

Parameter	11.05.2026	12.05.2026	13.05.2026	14.05.2026	15.05.2026
Rainfall (mm)	0	0	0	0	0
Max. Temp. (°C)	33.8	34	34.2	34.8	34.8
Min. Temp. (°C)	20.6	20.6	19.4	21.4	21
Sky condition (Octas)	6	6	6		6
Relative humidity (%) 0830 hours	68	59	59	74	64
Relative humidity (%) 1730 hours	41	41	40	32	31
Wind Speed (km/h)	2	2	2		2
Wind Direction	50	50	50		50

Weather forecast for the next five days (From 16-05-2026 to 20-05-2026)

Parameter	16.05.2026	17.05.2026	18.05.2026	19.05.2026	20.05.2026
Rainfall (mm)	2	3	3	2	0
Max. Temp. (°C)	35	35	36	35	35
Min. Temp. (°C)	21	21	22	21	21
Sky condition (Octas)	6	7	6	6	4
Relative humidity (%) 0830 hours	71	72	75	75	73
Relative humidity (%) 1730 hours	36	35	34	36	35
Wind Speed (kmph)	4	6	6	6	4
Wind Direction	266	207	244	247	267

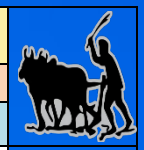
Forecast Summary

As forecast received from IMD, clear sky with Light rain forecasted in 16th to 19th May 2026 and 13th & 20th May is No Rainfall forecasted in Chikkaballapura District. The day temperature is expected to be 35.0-36.0°C and night temperature is expected to be 21.0-22.0°C. The relative humidity in the morning hours is expected to be 71-75 % and afternoon relative humidity is expected to be in the range of 34-36 %, Wind speed is expected to be 4-6 km/hr.

SMS Advisory

The southwest monsoon is likely to set in over Kerala on 26th May 2026. The Conditions are favourable for the advance of southwest monsoon over parts of south Bay of Bengal, Andaman Sea and Andaman & Nicobar Islands around 16th May, 2026.

Recommendations to the farmers: -			
Crop	**Pest/Disease**	**Damage symptoms**	**Control measures**
General Advisory:			



Field Crops

1. **Summer Ploughing:** Perform deep ploughing immediately after the previous harvest to expose the soil to the sun. This kills hibernating pests, pathogens, and weed seeds.
2. **Soil Testing:** Collect soil samples before applying any amendments. This ensures precise nutrient application
3. **In-situ Moisture Conservation:** Repair and strengthen field bunds to prevent runoff and ensure every drop of early monsoon rain is retained in the soil.

Vegetables & Horticulture

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

Crop	Stage	Pest & Diseases	Weather-Based Agromet Advisory
Pre Kharif land preparation			Apply well-decomposed **Farmyard Manure (FYM)** or compost at 10–12 tons/ha at least 15–20 days before sowing to improve soil structure and water-holding capacity. **Tank Silt:** Application of tank silt @ 20-25 tonne/acre of land to improve water holding capacity of soil. **Green Manuring:** If early showers occur, sow green manure crops like Sunnhemp or Dhaincha and incorporate them into the soil after 45 days to boost nitrogen levels.
Capsicum	Flowering and Fruiting stage	Thrips & Mites	High humidity management; use overhead misters for 5-10 mins at noon to cool the canopy. Spray Spinosad @ 0.5 ml/ litre of water. or Fipronil @ 2 ml/ litre of water.
Chilli	Maturity 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.
Rose	Flowering stage	Aphids	Maintain regular irrigation at 4–6-day intervals. Avoid moisture stress to ensure good bud size and quality. To control of aphids in rose to spray Dimethoate 30 EC @ 1.7 ml/litre of water.
Guava	Fruit development and maturity stage	Fruit fly	Maintain regular irrigation. Adopt mulching (dry leaves/straw) to conserve soil moisture. Apply recommended dose of potash to improve fruit size and quality. Foliar spray of micronutrients (Zn + Boron) if deficiency symptoms appear. Fruit fly (*Bactrocera spp.*) spray entomopathogenic fungus (*Beauveria bassiana*) @ 10 g/litre water on infested fruits. Use Methyl eugenol traps (10/acre) for fruit fly.

Mango	Maturity and harvesting stage	Fruit fly and Anthracnose	Install **Methyl Eugenol (ME) traps** at 6–10 traps per acre Hot Water Treatment**:** Dip harvested fruits in hot water at **48°C to 52°C for 5–10 minutes**. This kills latent fungal spores and fruit fly eggs simultaneously. Place the harvested fruit upside down on a slanted de sapping rack for **2–4 hours**. This allows the acidic latex to drain away from the fruit skin.

Livestock, Poultry, and Sericulture Advisory (Very light Rainfall & High Temperature	
Sector	**Weather-Based Advisory**
Livestock	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	1. Chawki (early stage): Maintain temperature 26–28°C and RH 75–85%. Sprinkle water on floor to maintain humidity if required. 2. Late age larvae: Maintain temperature 24–26°C and RH 65–70%. Ensure good ventilation to prevent disease incidence. Provide fresh, tender leaves in required quantity. Avoid wilted leaves. 3. Disinfect rearing house and appliances before batch rearing. Remove bed refuse regularly
Poultry	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 16-05-2026 to 20-05-2026)					
BAGEPALLI BLOCK					
Parameter	**16.05.2026**	**17.05.2026**	**18.05.2026**	**19.05.2026**	**20.05.2026**
Rainfall (mm)	0	1	5	5	0
Max. temp (°C)	37	35	36	36	37
Min.Temp (°C)	25	25	24	25	25
Sky condition (Octas)	7	7	6	6	4
Relative humidity (%) 0830 hours	67	74	79	78	78
Relative humidity (%) 1730 hours	23	33	30	33	28
Wind Speed (kmph)	9	8	11	16	21
Wind Direction	285	249	253	253	268

CHIKKABALLAPURA BLOCK					
Parameter	**16.05.2026**	**17.05.2026**	**18.05.2026**	**19.05.2026**	**20.05.2026**
Rainfall (mm)	1	3	5	17	0
Max. temp (°C)	36	34	35	34	35
Min.Temp (°C)	24	24	23	24	24
Sky condition (Octas)	7	8	7	7	4
Relative humidity (%) 0830 hours	74	81	85	81	81
Relative humidity (%) 1730 hours	24	33	33	35	32
Wind Speed (kmph)	6	7	9	13	17
Wind Direction	280	270	243	257	276

CHINTAMANI BLOCK					
Parameter	**16.05.2026**	**17.05.2026**	**18.05.2026**	**19.05.2026**	**20.05.2026**
Rainfall (mm)	0	0	2	0	0
Max. temp (°C)	36	35	35	37	37
Min.Temp (°C)	23	24	24	24	24
Sky condition (Octas)	7	7	6	5	4
Relative humidity (%) 0830 hours	84	80	84	81	82
Relative humidity (%) 1730 hours	23	25	29	25	29
Wind Speed (kmph)	3	10	10	12	17
Wind Direction	254	279	240	275	271

GAURIBIDANUR BLOCK					
Parameter	**16.05.2026**	**17.05.2026**	**18.05.2026**	**19.05.2026**	**20.05.2026**
Rainfall (mm)	1	2	4	3	0
Max. temp (°C)	37	35	36	36	36
Min.Temp (°C)	25	25	24	25	25
Sky condition (Octas)	7	7	7	7	5
Relative humidity (%) 0830 hours	69	79	81	79	79
Relative humidity (%) 1730 hours	27	32	31	34	29
Wind Speed (kmph)	7	6	7	13	16
Wind Direction	282	256	246	244	277

GUDIBANADA BLOCK					
Parameter	**16.05.2026**	**17.05.2026**	**18.05.2026**	**19.05.2026**	**20.05.2026**
Rainfall (mm)	0	1	5	5	0
Max. temp (°C)	37	35	36	36	36
Min.Temp (°C)	25	25	24	25	25
Sky condition (Octas)	7	7	6	6	4
Relative humidity (%) 0830 hours	68	76	80	79	79
Relative humidity (%) 1730 hours	24	33	30	34	28
Wind Speed (kmph)	8	7	10	15	19
Wind Direction	281	256	250	256	270

SIDLAGHATTA BLOCK					
Parameter	**16.05.2026**	**17.05.2026**	**18.05.2026**	**19.05.2026**	**20.05.2026**
Rainfall (mm)	0	1	2	0	0
Max. temp (°C)	36	35	35	36	36
Min.Temp (°C)	23	23	23	24	24
Sky condition (Octas)	7	7	6	6	4
Relative humidity (%) 0830 hours	83	80	84	83	85
Relative humidity (%) 1730 hours	24	26	29	25	30
Wind Speed (kmph)	4	9	9	11	16
Wind Direction	259	282	238	278	273

- 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**

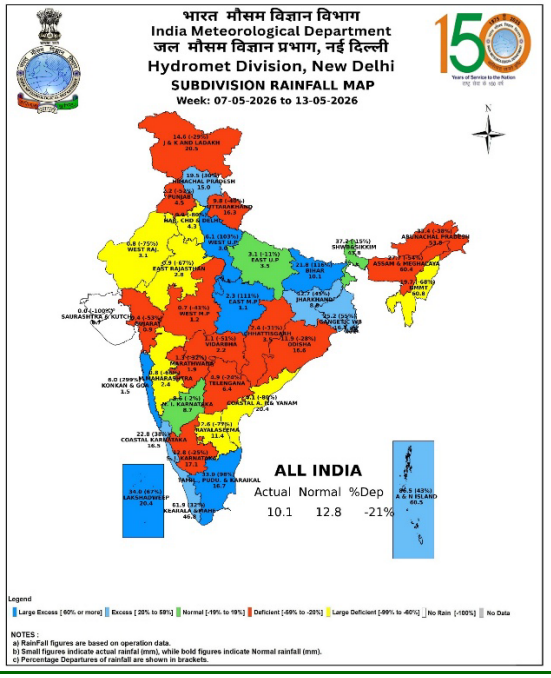
AMFU of IMD,

AICRP-AM, Bengaluru

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

Realized Rainfall

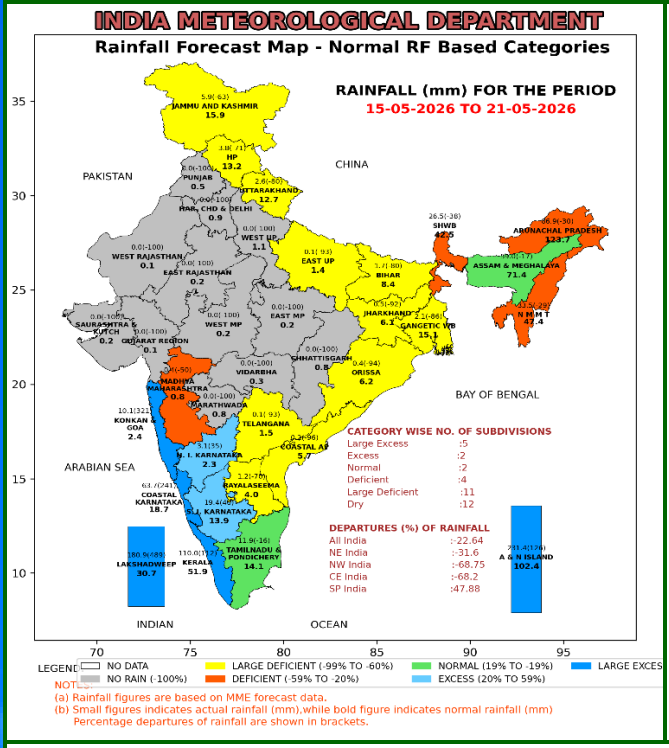
(30th April to 13th May 2026)

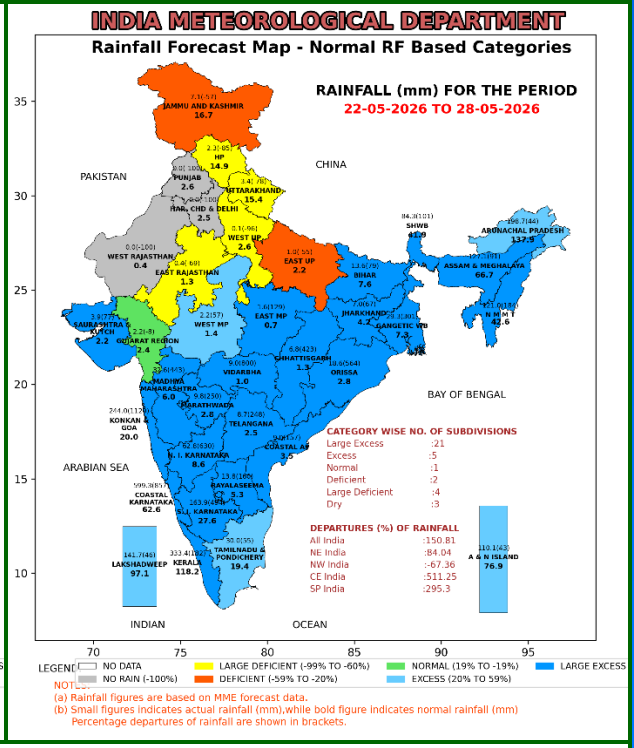


- Normal or above normal rainfall occurred in both the weeks over Himachal Pradesh, Uttar Pradesh, Bihar, Jharkhand, West Bengal & Sikkim, East Madhya Pradesh, Tamil Nadu Puducherry & Karaikal, Kerala & Mahe and Andaman & Nicobar Islands.
- Normal or above normal rainfall occurred in either of the two weeks over Jammu & Kashmir, Uttarakhand, Punjab, Haryana-Chandigarh-Delhi, Rajasthan, Arunachal Pradesh, Nagaland-Manipur-Mizoram-Tripura (NMMT), Gujarat region, West Madhya Pradesh, Chhattisgarh, Odisha, Konkan & Goa, Coastal Karnataka, Interior Karnataka, Andhra Pradesh & Yanam and Lakshadweep.
- 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 - 13th May, 2026)
(15th to 28th May 2026)

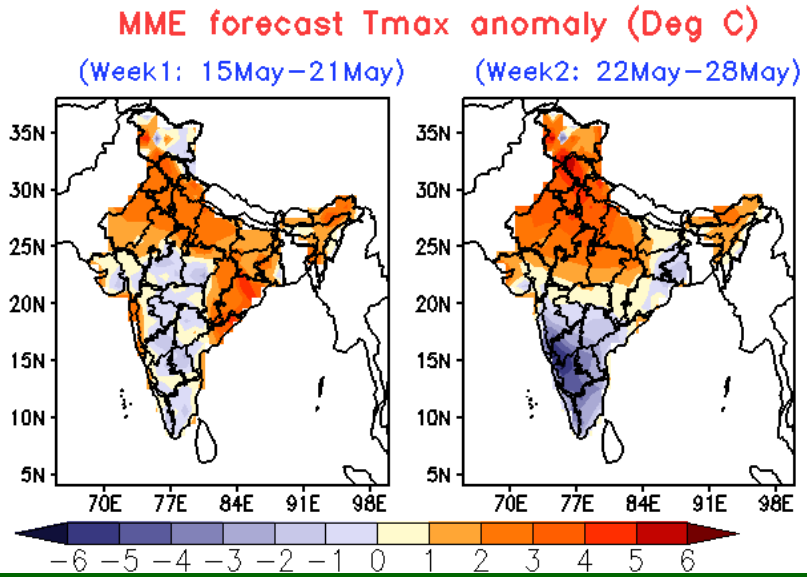




- **Week 1 (15.05.2026 to 21.05.2026):** Rainfall is likely to be above normal over of Kerala and coastal regions Karnataka. Rainfall activity is also likely over North East India, Sub-Himalayan West Bengal & Sikkim, South Interior Karnataka and over isolated areas of Jammu & Kashmir, and Himachal Pradesh.
- **Week 2 (22.05.2026 to 28.05.2026):** Rainfall is likely to be above normal over Kerala, Karnataka and coastal regions of Maharashtra. Rainfall activity is also likely over South India, Maharashtra, southern part of Chhattisgarh, many parts of East India & North East India, some parts of Jammu & Kashmir and isolated areas in Himachal Pradesh.

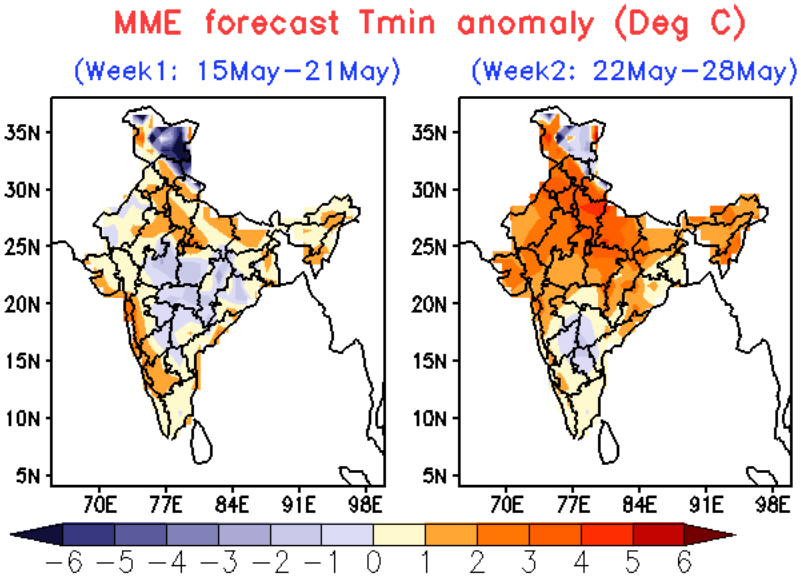
Maximum and Minimum temperature anomaly (°C) forecast

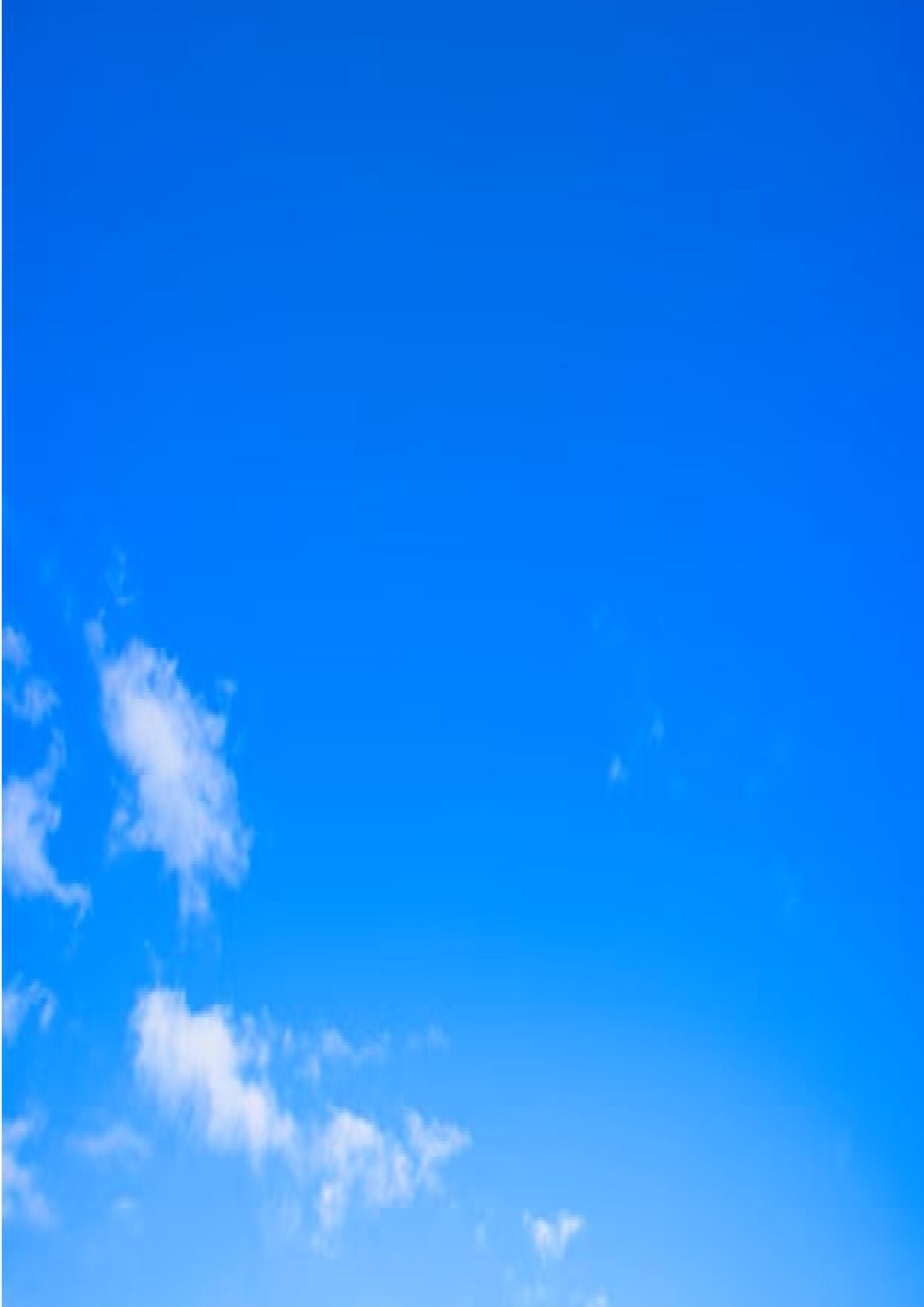
for the next 2 weeks (IC – 13th May, 2026)
(15th to 28th May 2026)



Maximum Temperature (Tmax)

- **Week 1 (15.05.2026 to 21.05.2026):** Maximum temperature is likely to be above normal over North West India, Chhattisgarh, northern part of Coastal Andhra Pradesh, East India and many parts of North East India.
- **Week 2 (22.05.2026 to 28.05.2026):** Maximum temperature is likely to be above normal over North West India, Central India, Gujarat State and many parts of North East India.



Minimum Temperature (Tmin)

- **Week 1 (15.05.2026 to 21.05.2026):** Minimum Temperature is likely to be above normal over many parts of North West India, Gujarat state, Konkan & Goa, Madhya Maharashtra, North East India and many parts of East & South India.
- **Week 2 (22.05.2026 to 28.05.2026):** Minimum temperature is likely to be above normal over most parts of the country except in some parts of Jammu & Kashmir, Telangana, North Interior Karnataka and Rayalaseema.