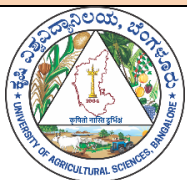


**UNIVERSITY OF AGRICULTURAL SCIENCES, BENGALURU &  
INDIA METEOROLOGICAL DEPARTMENT**



**GRAMIN KRISHI MAUSAM SEWA AMFU,  
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Bengaluru – 560 065**



**Date: 21-08-2026**

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

**Past Weather Data (17-08-2026 to 21-08-2026)**

| Parameter                               | 17.08.2026 | 18.08.2026 | 19.08.2026 | 20.08.2026 | 21.08.2026 |
|-----------------------------------------|------------|------------|------------|------------|------------|
| <b>Rainfall (mm)</b>                    | 0.4        | 2.0        | 0          | 0          | 9.8        |
| <b>Max. Temp. (°C)</b>                  | 30.0       | 28.8       | 30.8       | 30.0       | 28.2       |
| <b>Min Temp. (°C)</b>                   | 20.4       | 20.0       | 21.0       | 21.2       | 19.0       |
| <b>Sky condition (Octas)</b>            | 2          | 2          | 6          | 2          | 2          |
| <b>Relative humidity (%) 0830 hours</b> | 85         | 89         | 86         | 83         | 91         |
| <b>Relative humidity (%) 1730 hours</b> | 62         | 57         | 60         | 89         | --         |
| <b>Wind Speed (km/h)</b>                | 5.7        | 4.5        | 5.6        | 5.3        | 3.6        |
| <b>Wind Direction</b>                   | 230        | 320        | 320        | 270        | 270        |



**Weather forecast for the next five days (From 22-08-2026 to 26-08-2026)**

| Parameter                               | 22.08.2026 | 23.08.2026 | 24.08.2026 | 25.08.2026 | 26.08.2026 |
|-----------------------------------------|------------|------------|------------|------------|------------|
| <b>Rainfall (mm)</b>                    | 3          | 2          | 2          | 1          | 1          |
| <b>Max. Temp. (°C)</b>                  | 26         | 27         | 28         | 28         | 28         |
| <b>Min. Temp. (°C)</b>                  | 20         | 21         | 21         | 21         | 21         |
| <b>Sky condition (Octas)</b>            | 8          | 7          | 6          | 6          | 6          |
| <b>Relative humidity (%) 0830 hours</b> | 85         | 82         | 80         | 80         | 80         |
| <b>Relative humidity (%) 1730 hours</b> | 60         | 60         | 62         | 65         | 60         |
| <b>Wind Speed (kmph)</b>                | 12         | 10         | 10         | 10         | 8          |
| <b>Wind Direction</b>                   | 271        | 266        | 260        | 262        | 264        |

**Forecast Summary**

As forecast received from IMD, cloudy sky with **Light rainfall forecasted from 22<sup>nd</sup> August to 26<sup>th</sup> August 2026** in Bengaluru Urban District. The day temperature is expected to be 26.0-28.0°C and night temperature is expected to be 20.0-21.0°C. The relative humidity in the morning hours is expected to be 80-85 % and afternoon relative humidity is expected to be in the range of 60-65 %, Wind speed is expected to be 8-12 km/hr.

**SMS Advisory**

Postpone late kharif crops sowing due to lack of soil moisture in crop field. Apply a 1% Potassium chloride spray on the foliage before the kharif crops begin to show early symptoms of wilting. This helps improve the plants' drought tolerance and effectively mitigates moisture stress.



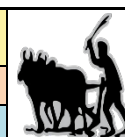
**Recommendations to the farmers: -**

| Crop | Pest/Disease | Damage symptoms | Control measures |
|------|--------------|-----------------|------------------|
|------|--------------|-----------------|------------------|

**General Advisory:**

**Field Crops**

- Land preparation:** Perform ploughing and levelling the land for late kharif crop sowing.
- Germination Testing:** It is recommended to conduct a germination test on all procured seeds before sowing them in the field.



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. One or two protective irrigations recommended to early sown crops
2. Spray the chemicals early morning and late evening for better pest and disease control.

Ashlesha rain star starts from August 3<sup>rd</sup> and remains up to August 16<sup>th</sup>. The normal rainfall of Pushya rain star is 54.3 mm.

| Crop                 | Stage                 | Pest & Diseases | Weather-Based Agromet Advisory                                                                                                                                                                                                                      |
|----------------------|-----------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Late Kharif</b>   |                       |                 | Procure high-quality seeds and fertilizers for the Kharif sowing season.<br>Ploughing across the slope will make insitu soil moisture conservation.<br>Land preparation for sowing of kharif crops is advised to farmers                            |
| <b>Finger millet</b> | Sowing                |                 | The following varieties are recommended for sowing: GPU-28, 45,48 and 66, ML-365<br>Postpone sowing operation until sufficient soil moisture available in crop field.                                                                               |
| <b>Cowpea</b>        | Sowing                |                 | The following varieties are recommended for sowing: C-152, TVX-944, KBC-1, Green gram: PS-16, PDM-84,178<br><br>Before sowing seeds treat with Rhizobium biofertilizer @ 200g/acre recommendation.                                                  |
| <b>Black gram</b>    | Sowing                |                 | The following varieties are recommended for sowing: Karagao-3, T-9, Rashmi (LBG-625)                                                                                                                                                                |
| <b>Redgram</b>       | Vegetative            |                 | Intercultural operation is recommended.<br>Thinning plant population<br>Mulching is recommended for conserve the soil moisture.<br>One or two protective irrigations is advisable.                                                                  |
| <b>Maize</b>         |                       |                 |                                                                                                                                                                                                                                                     |
| <b>Groundnut</b>     |                       |                 |                                                                                                                                                                                                                                                     |
| <b>Sunflower</b>     |                       |                 |                                                                                                                                                                                                                                                     |
| <b>Baby corn</b>     | Maturity stage        | Fall Armyworm   | Spray Emamectin Benzoate @ 0.4 g/ l of water.<br>Maintain regular irrigation at 4–5 day intervals.<br>Remove weeds at regular interval.<br>Top dressing of nitrogen fertilizer is recommended.                                                      |
| <b>Bhendi</b>        | Fruit formation stage | Whitefly        | Install Yellow Sticky Traps (15 per acre). Spray Neem Oil (3000 ppm)                                                                                                                                                                                |
| <b>Papaya</b>        | Vegetative            | Mealybug        | Maintain regular irrigation at 3–4-day intervals.<br>Neem Oil + Liquid Soap: High-concentration Neem oil (1500-3000 ppm) mixed with a surfactant (shampoo)<br>Apply recommended nitrogen fertilizers in split doses for vigorous vegetative growth. |
| <b>Chilli</b>        | Maturity stage        | Thrips          | For thrips, use Fipronil 1 g/l of water or Neem oil 3 ml/l of water<br>Apply recommended dose of potash to improve fruit quality and pungency. Foliar spray of micronutrients (Zn + Boron) if deficiency symptoms appear.                           |
| <b>Rose</b>          | Flowering stage       | Aphids          | Maintain regular irrigation at 4–6 day intervals. Avoid moisture stress to ensure good bud size and quality.<br>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.<br>Apply recommended dose of potash to improve fruit size and quality. Foliar spray of micronutrients (Zn + Boron) if deficiency symptoms appear.<br>Fruit fly ( <i>Bactrocera spp.</i> ) spray entomopathogenic fungus ( <i>Beauveria bassiana</i> ) @ 10 g/litre water on infested fruits.<br>Use Methyl eugenol traps (10/acre) for fruit fly. |
|-------|--------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

| Block level weather forecast (From 22-08-2026 to 26-08-2026) |            |            |            |            |            |
|--------------------------------------------------------------|------------|------------|------------|------------|------------|
| BENGALURU EAST BLOCK                                         |            |            |            |            |            |
| Parameter                                                    | 22.08.2026 | 23.08.2026 | 24.08.2026 | 25.08.2026 | 26.08.2026 |
| Rainfall (mm)                                                | 1          | 1          | 2          | 2          | 1          |
| Max. temp (°C)                                               | 29         | 29         | 29         | 28         | 29         |
| Min.Temp (°C)                                                | 20         | 20         | 21         | 21         | 21         |
| Sky condition (Octas)                                        | 5          | 6          | 6          | 7          | 7          |
| Relative humidity (%) 0830 hours                             | 89         | 88         | 87         | 87         | 87         |
| Relative humidity (%) 1730 hours                             | 49         | 49         | 51         | 55         | 53         |
| Wind Speed (kmph)                                            | 13         | 23         | 22         | 22         | 24         |
| Wind Direction                                               | 276        | 271        | 264        | 266        | 265        |

| BENGALURU NORTH BLOCK            |            |            |            |            |            |
|----------------------------------|------------|------------|------------|------------|------------|
| Parameter                        | 22.08.2026 | 23.08.2026 | 24.08.2026 | 25.08.2026 | 26.08.2026 |
| Rainfall (mm)                    | 1          | 2          | 6          | 8          | 1          |
| Max. temp (°C)                   | 30         | 28         | 29         | 29         | 29         |
| Min.Temp (°C)                    | 21         | 21         | 21         | 21         | 21         |
| Sky condition (Octas)            | 6          | 7          | 4          | 7          | 7          |
| Relative humidity (%) 0830 hours | 89         | 87         | 89         | 90         | 90         |
| Relative humidity (%) 1730 hours | 51         | 57         | 55         | 56         | 57         |

|                   |     |     |     |     |     |
|-------------------|-----|-----|-----|-----|-----|
| Wind Speed (kmph) | 5   | 20  | 20  | 20  | 22  |
| Wind Direction    | 278 | 266 | 258 | 261 | 256 |

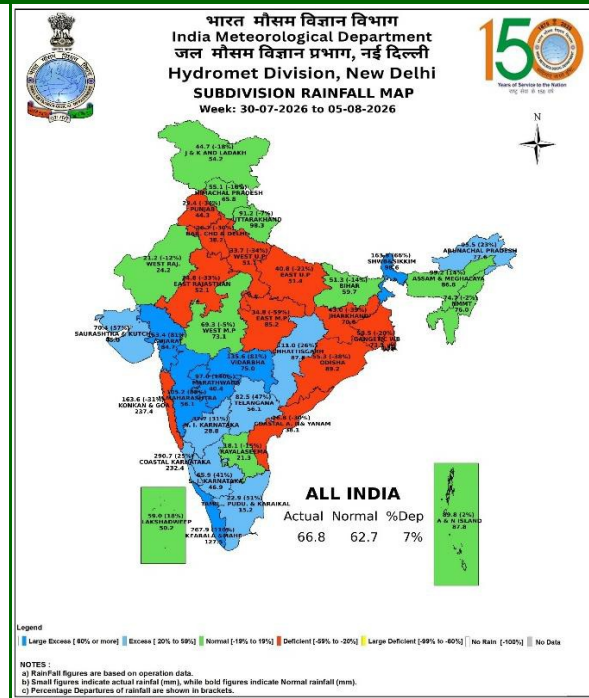
| BENGALURU SOUTH BLOCK            |            |            |            |            |            |
|----------------------------------|------------|------------|------------|------------|------------|
| Parameter                        | 22.08.2026 | 23.08.2026 | 24.08.2026 | 25.08.2026 | 26.08.2026 |
| Rainfall (mm)                    | 1          | 1          | 3          | 5          | 1          |
| Max. temp (°C)                   | 29         | 29         | 29         | 28         | 29         |
| Min.Temp (°C)                    | 20         | 21         | 21         | 21         | 21         |
| Sky condition (Octas)            | 5          | 7          | 4          | 8          | 7          |
| Relative humidity (%) 0830 hours | 85         | 86         | 85         | 86         | 87         |
| Relative humidity (%) 1730 hours | 50         | 50         | 52         | 56         | 56         |
| Wind Speed (kmph)                | 9          | 18         | 18         | 17         | 18         |
| Wind Direction                   | 275        | 261        | 255        | 253        | 252        |

| ANEKAL BLOCK                                                                                                                                                                                                                                                                                                                                                                                         |            |            |            |            |            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|------------|------------|
| Parameter                                                                                                                                                                                                                                                                                                                                                                                            | 22.08.2026 | 23.08.2026 | 24.08.2026 | 25.08.2026 | 26.08.2026 |
| Rainfall (mm)                                                                                                                                                                                                                                                                                                                                                                                        | 1          | 2          | 3          | 5          | 2          |
| Max. temp (°C)                                                                                                                                                                                                                                                                                                                                                                                       | 29         | 29         | 28         | 28         | 28         |
| Min.Temp (°C)                                                                                                                                                                                                                                                                                                                                                                                        | 20         | 20         | 21         | 21         | 21         |
| Sky condition (Octas)                                                                                                                                                                                                                                                                                                                                                                                | 4          | 7          | 5          | 8          | 7          |
| Relative humidity (%) 0830 hours                                                                                                                                                                                                                                                                                                                                                                     | 89         | 88         | 88         | 87         | 89         |
| Relative humidity (%) 1730 hours                                                                                                                                                                                                                                                                                                                                                                     | 55         | 54         | 57         | 59         | 59         |
| Wind Speed (kmph)                                                                                                                                                                                                                                                                                                                                                                                    | 7          | 15         | 15         | 16         | 15         |
| Wind Direction                                                                                                                                                                                                                                                                                                                                                                                       | 270        | 259        | 249        | 250        | 247        |
| <p>➤ Download “<b>DAMINI</b>” app to get early warning on lightening and take precautions based on the alert given by the application.</p> <p>➤ Kindly download “<b>MAUSAM</b>”APP for location specific forecast &amp; warning &amp; “<b>MEGHDOOT</b>” APP for Agromet advisory</p> <p>➤ This information is available in the website: <a href="http://mausam.imd.gov.in">mausam.imd.gov.in</a></p> |            |            |            |            |            |
| <p>For any information farmers can contact <b>Dr. M. N. Thimmegowda</b>, Professor &amp; Head/<br/> <b>Mr. L. Nagesha</b>, Technical officer over phone No. <b>9741109702/ 9008454142</b></p> <p style="text-align: right;"><b>AMFU of IMD,</b><br/> <b>AICRPAM, Bengaluru</b></p>                                                                                                                   |            |            |            |            |            |

**Realized Rainfall and Extended Range Forecast  
(Rainfall and Temperature)**

**Realized Rainfall  
(23<sup>rd</sup> July to 05<sup>th</sup> August, 2026)**

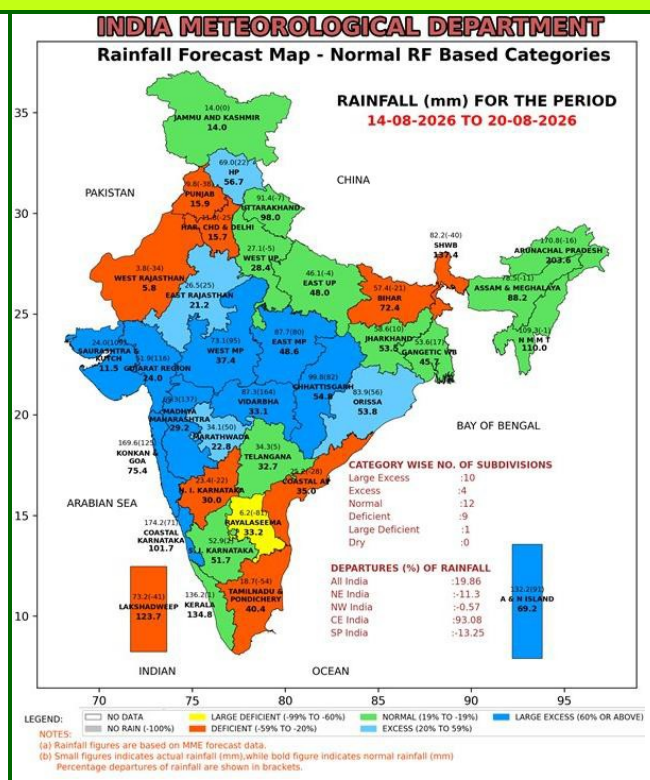
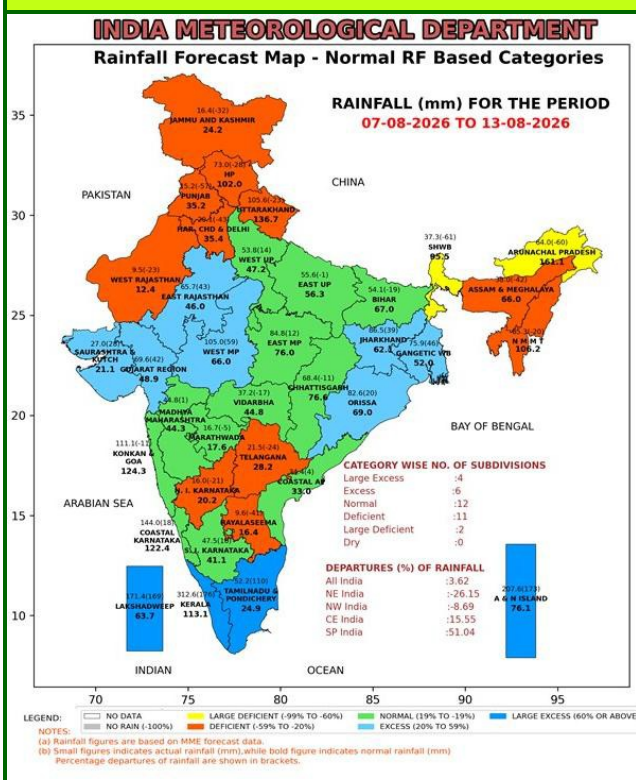




- Normal or above normal rainfall occurred in both the weeks over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Chhattisgarh, West Rajasthan, Gujarat State, Madhya Maharashtra, Marathwada, Telangana and Costal Karnataka.
- Normal or above normal rainfall occurred in either of the two weeks over Punjab, Bihar, Jharkhand, Odisha, West Bengal & Sikkim, Assam & Meghalaya, Arunachal Pradesh, Nagaland-Manipur-Mizoram-Tripura (NMMT), Madhya Pradesh, East Rajasthan, Vidarbha, Konkan & Goa, Interior Karnataka, Rayalaseema, Kerala, Lakshadweep, Tamil Nadu- Puducherry-Karaikal and Andaman & Nicobar Islands.
- Below normal rainfall occurred in both the weeks over rest of the States & UTs.

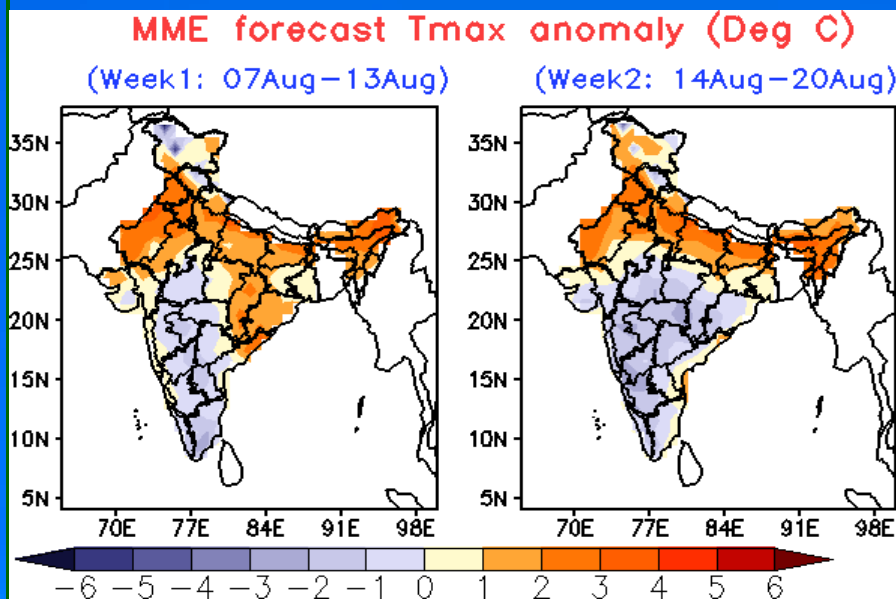
## Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC – 05<sup>th</sup> August, 2026) (07<sup>th</sup> to 20<sup>th</sup> August, 2026)



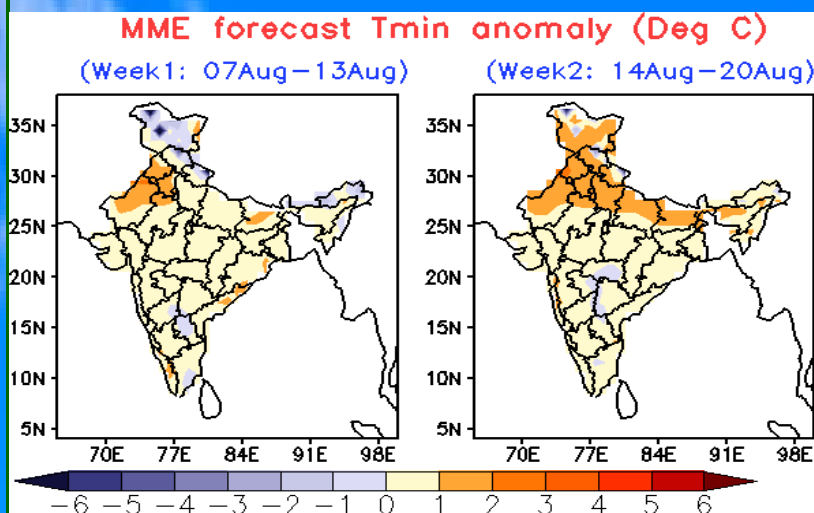
- **Week 1 (07.08.2026 to 13.08.2026):** Rainfall is likely to be above normal over Kerala, many parts of Madhya Pradesh, Jharkhand, West Bengal, Odisha and some parts of Coastal Karnataka, Tamil Nadu, Gujarat, East Rajasthan & Uttar Pradesh. However, it is likely to be below normal over Arunachal Pradesh, Assam, Sikkim, Uttarakhand, Himachal Pradesh, Punjab, Haryana, north interior Karnataka, Telangana, Rayalaseema and some parts of Jammu & Kashmir.
- **Week 2 (14.08.2026 to 20.08.2026):** Rainfall is likely to be above normal over Coastal Karnataka, many parts of Maharashtra, Central India & Odisha and some parts of Gujarat State & Himachal Pradesh. However, it is likely to be below normal over Bihar, Sikkim, coastal Andhra Pradesh, Tamil Nadu, Rayalaseema, north interior Karnataka and Lakshadweep.

**Maximum and Minimum temperature anomaly (°C) forecast  
for the next 2 weeks (IC – 05<sup>th</sup> August, 2026) (07<sup>th</sup> to 20<sup>th</sup> August, 2026)**



**Maximum Temperature (Tmax)**

- **Week 1 (07.08.2026 to 13.08.2026):** Maximum temperature is likely to be above normal over North West India, central India, North East India and East India.
- **Week 2 (14.08.2026 to 20.08.2026):** Maximum temperature is likely to be above normal over North West India, North East India and Bihar.



**Minimum Temperature (Tmin)**

- **Week 1 (07.08.2026 to 13.08.2026):** Minimum temperature is likely to be above normal over Punjab, Haryana & West Rajasthan.
- **Week 2 (14.08.2026 to 20.08.2026):** Minimum temperature is likely to be above normal over most parts of North West India, Bihar and some parts of Assam.

