

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



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



Date:11-11-2025

**AGRO-ADVISORY BULLETIN FOR MANDYA DISTRICT**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

**Past Weather Data**

<b>Parameter</b>	<b>08.11.2025</b>	<b>09.11.2025</b>	<b>10.11.2025</b>	<b>11.11.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0
<b>Max. Temp. (°C)</b>	31.6	28.8	29.5	30.9
<b>Min. Temp. (°C)</b>	19.1	16.1	14.8	17.7
<b>Sky condition (Octas)</b>	-	-	-	-
<b>Relative humidity (%) 0830 hours</b>	90	90	98	85
<b>Relative humidity (%) 1730 hours</b>	48	52	30	43
<b>Wind Speed (km/h)</b>	-	-	-	-
<b>Wind Direction</b>	-	-	-	-

**Weather forecast for the next five days (From 12-11-2025 to 16-11-2025)**

<b>Parameter</b>	<b>12.11.2025</b>	<b>13.11.2025</b>	<b>14.11.2025</b>	<b>15.11.2025</b>	<b>16.11.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	31	32	31	32	31
<b>Min.Temp (°C)</b>	18	19	18	18	19
<b>Sky condition (Octas)</b>	2	2	2	3	4
<b>Relative humidity (%) 0830 hours</b>	82	81	82	83	82
<b>Relative humidity (%) 1730 hours</b>	45	43	46	44	45
<b>Wind Speed (km/h)</b>	4	4	6	4	6
<b>Wind Direction</b>	21	84	72	75	66

**Forecast Summary**

As forecast received from IMD, cloudy sky with **light rainfall** may be expected from **12.11.2025 to 16.11.2025** in Mandya district. The day temperature is expected to be 31-32°C & night temperature is expected to be 18-19°C. The relative humidity in the morning hours is expected to be 81-83% & afternoon relative humidity is expected to be in the range of 44-46% Wind speed expected to be 4-6 km/ hr.

## General Advisory:

### Cold Morning Precautions

- Low morning temperatures may cause cold stress to crops and livestock.
- Provide **light evening irrigation** to maintain soil warmth in vegetable fields.
- **Cover nurseries and young seedlings** (tomato, chilli, cabbage) with dry grass or plastic sheets during night.

### Irrigation Management

- Since no rain is expected, **irrigate crops once in 5–7 days**.
- Avoid excess irrigation as humidity is moderate.
- Prioritize irrigation for paddy (milking stage), ragi, red gram, and vegetable crops.

### Crop Management

- Favorable weather for **weeding, earthing-up, and fertilizer or pesticide application**.
- Dry and sunny weather is ideal for **harvesting and drying of grains, turmeric, ginger, and pulses**.
- **Collect and sun-dry produce** to avoid post-harvest losses.

### Horticultural Crops

- **Mulching** around basins of banana, coconut, and arecanut helps conserve soil moisture.
- Provide **regular irrigation** to fruit crops like banana, papaya, and sapota.
- Prune unwanted shoots to improve air circulation.

### Livestock and Poultry

- Provide **warm and dry shelters** during night and early morning.
- Avoid cold winds entering animal sheds.
- Supply **clean drinking water and dry fodder** regularly.
- For poultry, use **curtains or gunny bags** around sheds to reduce cold air entry.

### Sericulture

- Maintain **optimum room temperature and humidity** in rearing houses.
- Avoid exposure of silkworms to cold morning air.
- Ensure **adequate ventilation** during daytime.

## SMS Advisory:

Dry weather expected; very light rainfall. Morning temperature remains low (18–19°C). To protect vegetable nurseries from cold, give light irrigation in the evening and cover with dry grass or plastic sheets at night. Provide irrigation to field crops, banana, coconut, and arecanut. Keep livestock in warm shelters and cover poultry sheds to prevent cold air entry.

## Crops and Suitable Varieties for Sowing in November

- **Ragi (Finger Millet):** GPU-45
- **Maize:** MAH-15-84
- **Groundnut (1<sup>st</sup>–2<sup>nd</sup> week):** Annigeri-1, JG-11, Vishal, KAK-2
- **Soybean (Irrigated):** K.B-79, MAUS-2(Pooja), Karuna(Vegetable soyabean), KBS-23
- **Niger (In paddy fallows):** G.T-1, Navile-1(tunga), TMV-3, T-7, GKVK-1
- **Safflower:** Annigeri-1, NARI-6, A-2
- **Sugarcane:** Co-62175, Co-86032, Co-8371 (Bheema), CoVC-99463 (Vishal), VCF-0517 (Baahubali), CoVC-18061, CoVC-16062
- **Horticultural Crops:** Garlic, Brinjal, tomato, potato, cabbage, cauliflower, chilli, Brinjal,

watermelon, carrot.

- **Fodder Crops:** Maize: JCET-3
- **Cowpea:** MFC-09-01, MFC-09-03, MFC-08-14
- **Oats (Fodder Wheat):** OS-6, RO 11-1
- **Bajra–Napier Hybrid Grass:** PBN-342

### Recommendations to the farmers:-

#### Weather based advisory

Crop	Stage	Weather-Based Advisory
<b>Paddy</b>	Tillering to panicle initiation stage	Maintain optimum water level (5 cm) in fields as light–moderate rainfall is expected. Apply top-dressing of nitrogen if not done. Monitor for leaf folder and blast; spray need-based fungicide.
<b>Maize</b>	Cob formation stage	Ensure proper soil moisture during tasseling stage, as even slight water stress affects yield. Avoid spraying pesticides during flowering. Monitor for stem borer and fall armyworm.
<b>Tomato</b>	Fruit formation	Rainfall and high humidity may cause fruit rot and late blight. Ensure staking and drainage. Spray protective fungicides like copper oxychloride or mancozeb. Avoid excess nitrogen application.
<b>Banana</b>	Fruit development	Provide staking/support to prevent lodging due to winds (8–10 kmph). Maintain proper drainage to avoid waterlogging. Apply potash for better fruit quality.
<b>Black gram, Green gram, Red gram, Field bean, Cowpea</b>	Pod filling	Maintain adequate soil moisture with light irrigation if rainfall is insufficient. Avoid pesticide sprays during flowering–pod formation to protect pollinators. Monitor for pod borers.
<b>Sugarcane</b>	Vegetative	Maintain good drainage as intermittent rainfall is expected. Provide earthing-up to support canes. Apply recommended dose of nitrogen if pending. Watch for borers and smut incidence.
<b>Vegetable crops (general)</b>	Various stages	Provide drainage to avoid waterlogging. Monitor for sucking pests and fungal diseases due to high humidity. Spray neem-based formulations or need-based pesticides. Harvest matured vegetables during dry hours.

Sector	Advisory
<b>Livestock</b>	<ul style="list-style-type: none"> <li>- Provide clean, dry shelter to protect from rain and wind.</li> <li>- Maintain hygiene to prevent hoof and skin infections.</li> <li>- Ensure adequate clean water and balanced nutrition.</li> </ul>
<b>Poultry</b>	<ul style="list-style-type: none"> <li>- Keep sheds well-ventilated but protected from rain and gusty winds.</li> <li>- Maintain dry litter to avoid disease.</li> <li>- Provide vitamin supplements to boost immunity.</li> </ul>
<b>Sericulture</b>	<ul style="list-style-type: none"> <li>- Maintain optimum temperature and humidity in rearing houses.</li> <li>- Ensure mulberry leaves are not wet during feeding.</li> <li>- Improve ventilation to prevent fungal diseases in silkworms.</li> </ul>

#### Block level weather forecast

**Krishnarajpet**

<b>Parameter</b>	<b>12.11.2025</b>	<b>13.11.2025</b>	<b>14.11.2025</b>	<b>15.11.2025</b>	<b>16.11.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	26.9	28.5	28	28	27.2
<b>Min.Temp (°C)</b>	21.6	22.1	22	21.2	20.9
<b>Sky condition (Octas)</b>	4	4	3	4	3
<b>Relative humidity (%) 0830 hours</b>	88.6	93.4	92.3	89.1	86.9
<b>Relative humidity (%) 1730 hours</b>	57.4	51.8	51.9	45	48.5
<b>Wind Speed (kmph)</b>	3.6	7.9	10	13.2	9.7
<b>Wind Direction</b>	354.3	74	77.5	67.6	63.4

**Maddur**

<b>Parameter</b>	<b>12.11.2025</b>	<b>13.11.2025</b>	<b>14.11.2025</b>	<b>15.11.2025</b>	<b>16.11.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	28.7	29.8	29.2	29.2	27.9
<b>Min.Temp (°C)</b>	22.6	23.1	22.7	21.8	21.7
<b>Sky condition (Octas)</b>	4	3	3	4	3
<b>Relative humidity (%) 0830 hours</b>	89.1	93.2	91.4	89.6	88.6
<b>Relative humidity (%) 1730 hours</b>	52.5	49.7	49.8	43	46
<b>Wind Speed (kmph)</b>	3.1	4.4	7.2	8	7.8
<b>Wind Direction</b>	45	99.5	84.3	71.6	56.3

**Malvalli**

<b>Parameter</b>	<b>12.11.2025</b>	<b>13.11.2025</b>	<b>14.11.2025</b>	<b>15.11.2025</b>	<b>16.11.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	28.5	29.8	29.1	28.9	27.8
<b>Min.Temp (°C)</b>	22.7	23.1	22.5	21.8	21.8
<b>Sky condition (Octas)</b>	4	3	3	3	3
<b>Relative humidity (%) 0830 hours</b>	89	92.9	92.1	89.8	91.1
<b>Relative humidity (%) 1730 hours</b>	55.3	50.3	51.7	45.8	47.7
<b>Wind Speed (kmph)</b>	3.2	3.2	6.3	5.8	5.5
<b>Wind Direction</b>	26.5	116.6	76.8	82.9	66.8

**Mandya**

<b>Parameter</b>	<b>12.11.2025</b>	<b>13.11.2025</b>	<b>14.11.2025</b>	<b>15.11.2025</b>	<b>16.11.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0

<b>Max. temp (°C)</b>	27.9	29.6	28.8	28.6	27.8
<b>Min.Temp (°C)</b>	22.5	22.9	22.4	21.6	21.4
<b>Sky condition (Octas)</b>	5	4	3	4	3
<b>Relative humidity (%) 0830 hours</b>	89.7	94.1	92.2	90	87.8
<b>Relative humidity (%) 1730 hours</b>	55.1	48.6	50.7	44.5	47.2
<b>Wind Speed (kmph)</b>	3.9	5.6	7.6	11	8.8
<b>Wind Direction</b>	21.8	75.1	70.7	66.8	55

### Nagamangala

<b>Parameter</b>	<b>12.11.2025</b>	<b>13.11.2025</b>	<b>14.11.2025</b>	<b>15.11.2025</b>	<b>16.11.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	26.7	28.4	27.9	27.7	27.2
<b>Min.Temp (°C)</b>	21.4	22	21.7	20.7	20.5
<b>Sky condition (Octas)</b>	4	4	3	4	3
<b>Relative humidity (%) 0830 hours</b>	89.5	94	92.6	90.9	90.1
<b>Relative humidity (%) 1730 hours</b>	57	50.9	50.3	44.6	46.7
<b>Wind Speed (kmph)</b>	3.3	7.3	8.7	10.1	9.1
<b>Wind Direction</b>	49.4	78.7	85.2	85.9	71.6

### Pandavapura

<b>Parameter</b>	<b>12.11.2025</b>	<b>13.11.2025</b>	<b>14.11.2025</b>	<b>15.11.2025</b>	<b>16.11.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	27.6	28.9	27.7	27.9	27.5
<b>Min.Temp (°C)</b>	23.2	24.5	24.1	23.4	23.2
<b>Sky condition (Octas)</b>	4	3	3	3	1
<b>Relative humidity (%) 0830 hours</b>	92.8	97.1	97.6	95.4	92.8
<b>Relative humidity (%) 1730 hours</b>	53.7	53	62	50.9	47
<b>Wind Speed (kmph)</b>	4.3	9.7	10.5	9.7	10.1
<b>Wind Direction</b>	355.3	63.4	63.4	68.2	62.5

### Shrirangapatna

<b>Parameter</b>	<b>12.11.2025</b>	<b>13.11.2025</b>	<b>14.11.2025</b>	<b>15.11.2025</b>	<b>16.11.2025</b>
<b>Rainfall (mm)</b>	0	0	0	0	0
<b>Max. temp (°C)</b>	27.9	29.1	27.9	28.1	27.7

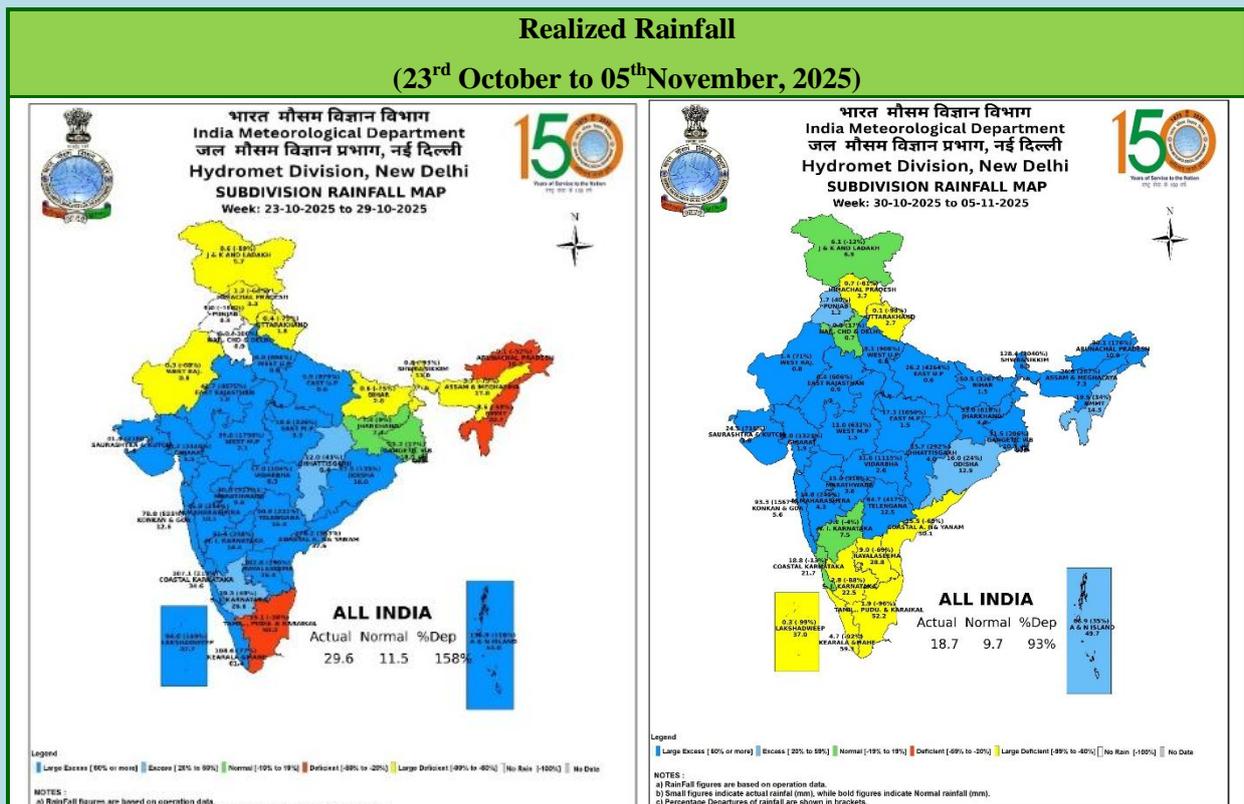
<b>Min.Temp (°C)</b>	23.6	24.7	24.2	23.5	23.2
<b>Sky condition (Octas)</b>	4	3	3	3	1
<b>Relative humidity (%) 0830 hours</b>	93.6	96.8	97.5	95.2	94
<b>Relative humidity (%) 1730 hours</b>	52.8	52	59.6	50.2	46.6
<b>Wind Speed (kmph)</b>	4.3	9.2	10.5	9.8	10
<b>Wind Direction</b>	355.3	64.4	63.4	66.2	59.7

- 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](http://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.

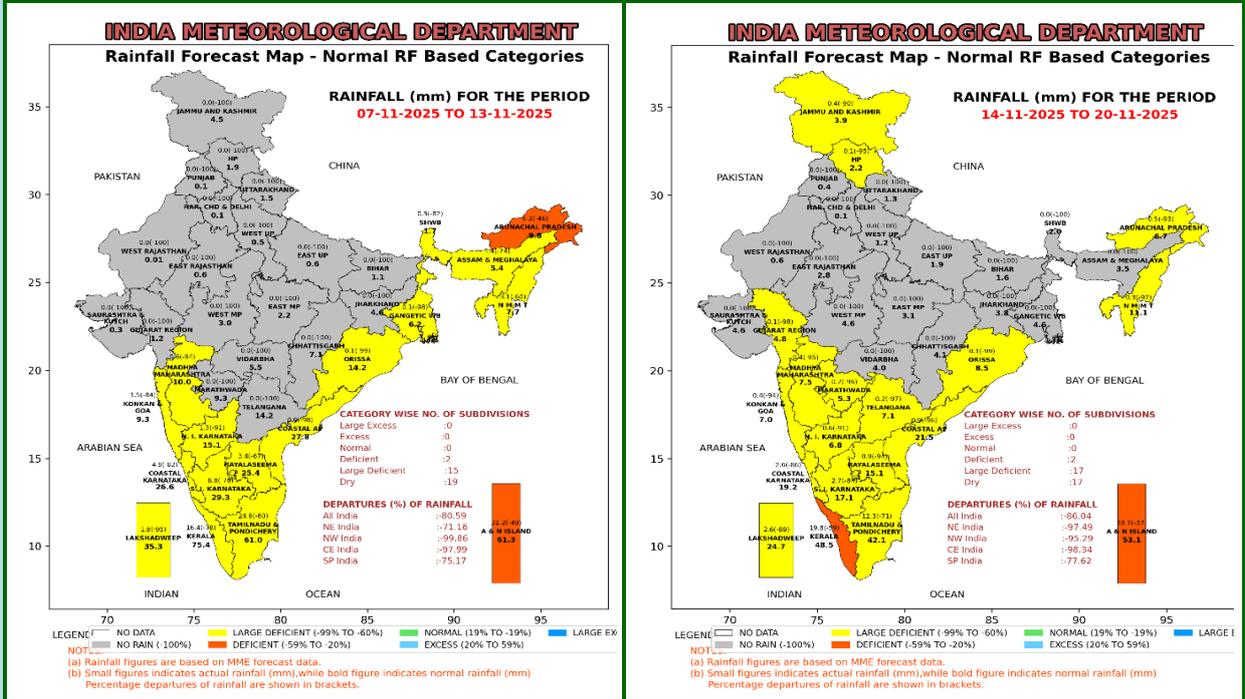
**AMFU of IMD, Naganahalli, Mysuru**

वास्तविक वर्षातथाविस्तारितअवधिपूर्वानुमान  
वास्तविकवर्षातथाविस्तारितअवधिपूर्वानुमान  
**Realized Rainfall and Extended Range Forecast**  
(वर्षाऔरतापमान)  
(Rainfall and Temperature)



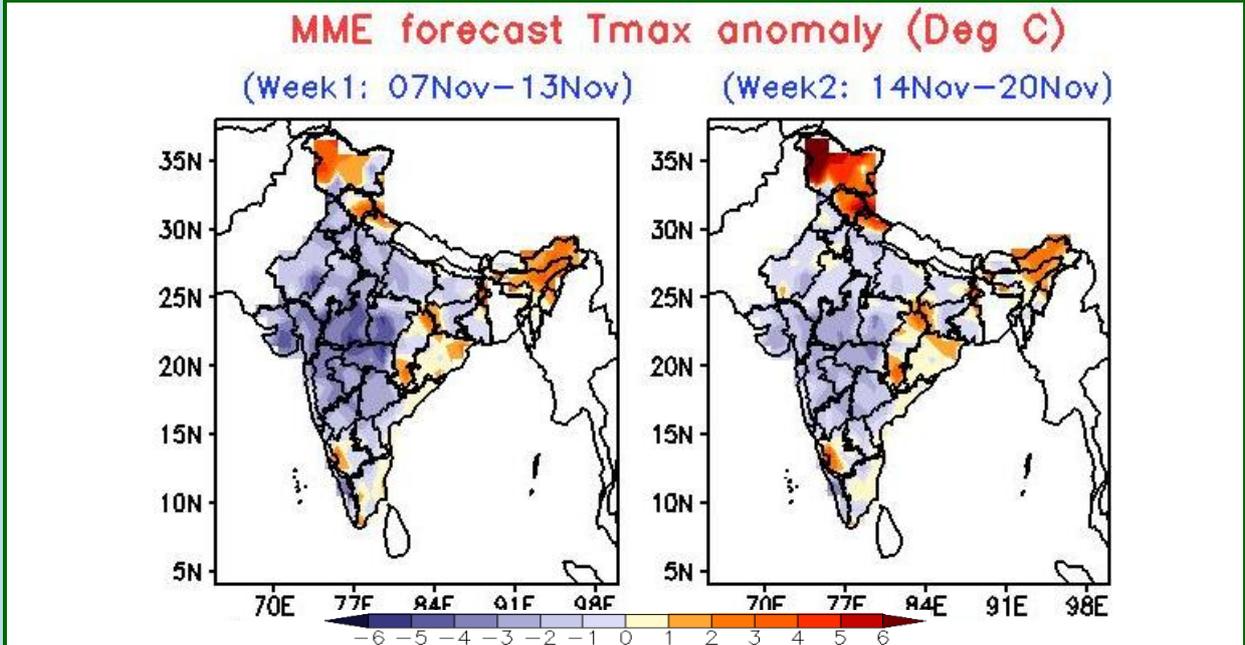
## Extended Range Forecast System

### Rainfall forecast maps for the next 2 weeks (IC-05<sup>th</sup> November, 2025) (07<sup>th</sup> to 20<sup>th</sup> November, 2025)



- **Week 1(07.11.2025 to 13.11.2025) and Week 2 (14.11.2025 to 20.11.2025):** Rainfall is likely to be below normal over South India.

### Maximum and Minimum temperature anomaly ( °C) forecast for the next 2 weeks (IC- 05<sup>th</sup> November, 2025) (07<sup>th</sup> to 20<sup>th</sup> November, 2025)



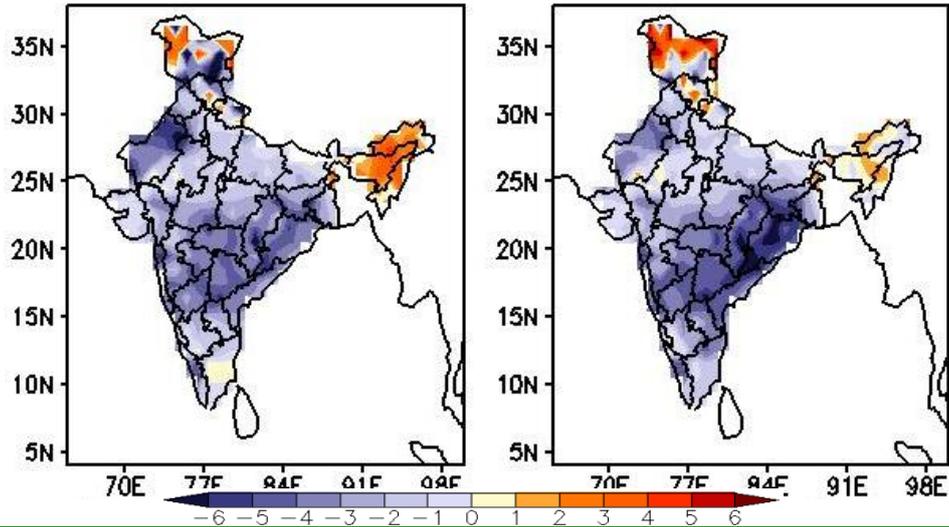
- Maximum Temperature (Tmax)**
- **Week 1 (07.11.2025 to 13.11.2025):** Maximum temperature is likely to be above normal over North East India, Jammu & Kashmir, Himachal Pradesh, Odisha, Chhattisgarh and some parts of South Karnataka. However, it is likely to be below normal over West India, many parts of Central India and North West India.

- **Week 2 (14.11.2025 to 20.11.2025):** Maximum temperature is likely to be above normal over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Odisha, Chhattisgarh, South some parts of North East India and Karnataka. However, it is likely to be below normal over West India, many parts of Central India and North West India.

### MME forecast Tmin anomaly (Deg C)

(Week1: 07Nov-13Nov)

(Week2: 14Nov-20Nov)



#### Minimum Temperature (Tmin)

- **Week 1 (07.11.2025 to 13.11.2025):** Minimum temperature is likely to be below normal over most parts of the country except North East India and some parts of Jammu & Kashmir.
- **Week 2 (14.11.2025 to 20.11.2025):** Minimum temperature is likely to be below normal over most parts of the country except Jammu & Kashmir, Himachal Pradesh and Assam.