

**Government of India**  
**Earth System Science Organization**  
**Ministry of Earth Sciences**  
**India Meteorological Department**

**Press Release: Dated: 12th June, 2025**

**Subject: Current Weather Status and Extended range Forecast for the next two weeks (12th June to 25th June 2025)**

**1. Salient Observed Features for the week ending 11th June 2025:**

- ❖ **Further advance of the Southwest Monsoon:** There was no further advance of the southwest monsoon during the week and the Northern Limit of Monsoon continued to pass through 17.0°N/55°E, 17.5°N/60°E, 18°N/65°E, 18.5°N/70°E, Mumbai, Ahilyanagar, Adilabad, Bhawanipatna, Puri, Sandhead Island, 23.5°N/89.5°E, Balurghat, 30°N/85°E. Overall, rainfall during this week was deficient to large deficient over most of the meteorological sub-divisions, except Odisha, Telangana, Marathwada, North Interior Karnataka, and Tamil Nadu Puducherry & Karaikal, where it was normal.
- ❖ **A fresh spell of heat wave prevailed over north, northwest and adjoining central India during second half of the week.** Heat wave to Severe Heat wave conditions prevailed at isolated places over West Rajasthan on 8th – 11th June, Jammu & Kashmir on 10th & 11th June, Punjab, and West Madhya Pradesh on 10th June. Heat wave conditions observed at isolated places over Jammu & Kashmir on 8th & 9th June, Haryana, West Uttar Pradesh, and East Rajasthan during 9th – 11th June, Himachal Pradesh, and East Uttar Pradesh on 10th & 11th June, East Madhya Pradesh on 10th June, Punjab, and West Madhya Pradesh on 11th June.
- ❖ Last week's wet spell accompanied with **heavy to very heavy rainfall** over east and northeast India continued till first half of the week.
- ❖ A fresh wet spell accompanied with isolated **heavy to very heavy rainfall** over west coast and south peninsular India during 8th – 11th June due to (a) north-south trough over the south peninsular India and (b) upper air cyclonic circulations over the Bay of Bengal during the period.
- ❖ **Heavy to very heavy rainfall with extremely heavy rainfall** was recorded at isolated places over Assam & Meghalaya on 5th June. **Heavy to very heavy rainfall** was recorded at isolated places over Nagaland, Manipur, Mizoram & Tripura on 6th June, Konkan & Goa on 8th June, Marathwada, South Interior Karnataka on 9th June, Telangana, Kerala & Mahe on 11th June.
- ❖ Weekly Average **Minimum temperature was below normal** by 2-4°C over parts of north and central India during first half of the week, and **above normal by 1-**

3°C over parts of north, east and northeast India during second half of the week. It was nearly normal over remaining parts of the country during the week. Weekly **Average Maximum temperature was below normal by 1-3°C** over parts of north, northwest, central and east India during first half of the week, and above normal by 2-4°C over parts of north, northwest and northeast India during second half of the week. It was nearly normal over remaining parts of the country during the week.

- ❖ **Temperature Scenario:** The lowest minimum temperature of **17.4°C** had been recorded at **Pilani (East Rajasthan)** on **05<sup>th</sup> June, 2025** and the highest maximum temperature of **48.0°C** had been recorded at **Sri Ganganagar (West Rajasthan)** on **11<sup>th</sup> June, 2025** over the plains of the country during the week.
- ❖ **Analysis of weekly overall rainfall distribution during the week-ending on 11<sup>th</sup> June:** The country as a whole, the weekly cumulative All India Rainfall (for 05<sup>th</sup> to 11<sup>th</sup> June 2025) in % departure from its long period average (LPA) is -58%. All India Seasonal cumulative rainfall % departure during 01<sup>st</sup> June to 11<sup>th</sup> June) is -34%. Details of the rainfall distribution over the four broad geographical regions of India are given in Table 1, and Meteorological sub-division-wise rainfall for week and season are given in Annexure I & II, respectively.

**Table 1: Rainfall status (Week and season)**

Region	Week			Season		
	05.06.2025 TO 11.06.2025			01.06.2025 TO 11.06.2025		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
<b>EAST &amp; NORTHEAST INDIA</b>	<b>19.4</b>	<b>64.5</b>	<b>-70%</b>	<b>71.3</b>	<b>93.3</b>	<b>-24%</b>
<b>NORTHWEST INDIA</b>	<b>2.6</b>	<b>12.1</b>	<b>-78%</b>	<b>12.2</b>	<b>16.9</b>	<b>-28%</b>
<b>CENTRAL INDIA</b>	<b>11.6</b>	<b>23.1</b>	<b>-50%</b>	<b>16.3</b>	<b>30.5</b>	<b>-47%</b>
<b>SOUTH PENINSULA</b>	<b>22.1</b>	<b>34.5</b>	<b>-36%</b>	<b>29.4</b>	<b>49.6</b>	<b>-41%</b>
<b>THE COUNTRY AS A WHOLE</b>	<b>12.1</b>	<b>28.6</b>	<b>-58%</b>	<b>26.4</b>	<b>40.1</b>	<b>-34%</b>

## 2. Large scale features:

- ❖ Currently, neutral El Nino-Southern Oscillation (ENSO) conditions are prevailing over the equatorial Pacific region. The latest MMCFS as well as other climate model forecasts indicate that the neutral ENSO conditions are likely to continue during the monsoon season.
- ❖ At present, neutral Indian Ocean Dipole (IOD) conditions are observed over the Indian Ocean. The latest MMCFS forecast indicates that weak negative IOD conditions are likely to develop during the monsoon season.

❖ Madden Julian Oscillation (MJO) is currently in phase 8 with an amplitude less than 1. The weak MJO is very likely to move quickly across phases 1, 2, and 3 during the first week. It is likely to remain weak and move eastward ambiguously across phases 4, 5 and 6 during week 2.

### **3. Forecast for next two weeks**

#### **Weather systems & associated Precipitation during Week 1 (12 to 18 June, 2025) and Week 2 (19 to 25 June, 2025)**

##### **Advance of Southwest Monsoon:**

- ❖ Southwest Monsoon likely to advance over remaining parts of central & east India and some parts of northwest India during week 1 (12 to 18 June, 2025).
- ❖ Southwest Monsoon likely to advance over most parts of northwest India during week 2 (19 to 25 June, 2025).

#### **Weather systems & associated Precipitation during Week 1 (12 to 18 June, 2025):**

- ❖ **An upper air cyclonic circulation** lies over Punjab & neighbourhood and a **trough** runs from this cyclonic circulation to southeast Madhya Pradesh in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over West Uttar Pradesh and another over West Rajasthan in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over north coastal Andhra Pradesh & adjoining south Odisha in lower & middle tropospheric levels.
- ❖ A trough runs from the above cyclonic circulation to coastal Karnataka in lower & middle tropospheric levels.
- ❖ The Western Disturbance as a trough in middle tropospheric westerlies now runs roughly along Long. 62°E to the north of Lat. 28°N.
- ❖ Under the influence of these systems, the following weather is likely:

##### **South Peninsular India:**

- ✓ Light/moderate rainfall at most/many places over Kerala & Mahe, Karnataka, Lakshadweep during next 7 days and Light/moderate rainfall at many/some places accompanied with isolated **thunderstorm, lightning & gusty winds speed reaching 30-50 Kmph** over Tamilnadu Puducherry & Karaikal, Kerala & Mahe on 12th & 13th, Coastal Karnataka, Telangana during 12th-16th June.
- ✓ **Strong surface winds** (speed 50-60 Kmph) very likely over Kerala & Mahe during 14th-16th, Interior Karnataka, Coastal Andhra Pradesh & Yanam, Rayalaseema during 12th-16th June.

- ✓ Isolated **heavy rainfall** likely over Tamilnadu Puducherry & Karaikal on 12th; Lakshadweep on 14th & 15th, Coastal Andhra Pradesh & Yanam, Telangana during 12th-18th, Rayalaseema on 12th & 13th with **very heavy rainfall** over Tamilnadu Puducherry & Karaikal during 13th-17th, Kerala & Mahe, Karnataka during 12th-18th, with **Extremely heavy rainfall** likely over North Interior Karnataka on 12th, Tamilnadu Puducherry & Karaikal on 14th & 15th, Kerala & Mahe during 14th-17th, Coastal & South interior Karnataka during 12th-16th,

#### West India:

- ✓ Light/moderate rainfall at some/isolated places accompanied with accompanied with **thunderstorm, lightning & gusty winds speed reaching 30-40 Kmph** likely over Madhya Maharashtra, Marathawada, Konkan & Goa during 12th-16th; Gujarat State during 12th-15th June with **Thundersquall (wind speed reaching 50-60 Kmph gusting to 70 Kmph)** very likely at isolated places over Konkan & Goa, Madhya Maharashtra, Marathawada during 12th-14th June.
- ✓ Isolated **heavy rainfall** likely over Madhya Maharashtra on 14th & 15th, Marathawada during 12th-14th with **very heavy rainfall** on Konkan & Goa during 16th-18th; ghat areas of Madhya Maharashtra on 12<sup>th</sup> & 13th and during 16th-18th June with **Extremely heavy rainfall** likely over Konkan & Goa during 12th-15th June.

#### East & Central India:

- ✓ Light/moderate rainfall at some places likely to continue over Sub-Himalayan West Bengal & Sikkim during next 7 days and Light/moderate rainfall at isolated/some places accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 Kmph** likely over Bihar, Jharkhand, Odisha, Vidarbha, Chhattisgarh, Madhya Pradesh, West Bengal & Sikkim during 12th-16th June with **Thundersquall (wind speed reaching 50-60 Kmph gusting to 70 Kmph)** very likely at isolated places over Madhya Pradesh during 14th-16th, Vidarbha during 12th-16th, Chhattisgarh on 12th & 13th, Bihar on 14th June.
- ✓ Isolated **heavy rainfall** also likely over Madhya Pradesh during 15th-18th, Vidarbha, Chhattisgarh during 14th-18th, Andaman & Nicobar Islands on 12th & 13th, Sub-Himalayan West Bengal & Sikkim during 13th-15th, Gangetic West Bengal on 16th & 17th, Jharkhand on 18th, Odisha during 12th-18th June with **very heavy rainfall** over Sub-Himalayan West Bengal & Sikkim on 14th and over Odisha on 16th June.

#### Northwest India:

- ✓ Light/moderate rainfall at some/isolated places accompanied with accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 Kmph** likely Uttarakhand during 12th-18th, Himachal Pradesh during 15th-18th; Punjab, Haryana, Uttar Pradesh, Rajasthan during 13th-17<sup>th</sup> June with

**Thundersquall (wind speed reaching 50-60 Kmph gusting to 70 Kmph)** very likely at isolated places over East Rajasthan on 14th & 15th June.

- ✓ Isolated **heavy rainfall** likely over Uttarakhand during 12th-18th June.
- ✓ Dust storm likely over West Rajasthan during 14th-18th June.

#### **Northeast India:**

- ✓ Light/moderate rainfall at many/some places accompanied with **thunderstorm, lightning & gusty winds speed reaching 30-40 Kmph** likely to continue over northeast India during next 7 days with **isolated heavy rainfall** over Arunachal Pradesh during 14th-18th, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during 12th-18th with **very heavy rainfall** on Arunachal Pradesh on 18th, Assam & Meghalaya during 16th-18th, Nagaland, Manipur, Mizoram & Tripura on 17th & 18th June.
- ❖ No significant weather likely over rest parts of the country during the week.

#### **Precipitation for week 2 (19 to 25 June, 2025):**

- ❖ Due to likely formation of upper-air cyclonic circulation /low pressure area over north & adjoining central Bay of Bengal during the first half of week, east-west trough in lower tropospheric levels over north India and strong westerly/southwesterly winds along west coast; fairly widespread to widespread rainfall likely over east & northeast India, central & adjoining northwest India during many days of the week. Isolated very heavy to extremely heavy rainfall is also likely over Gujarat and Konkan & Goa during some days of the week.
- ❖ Overall rainfall activity is likely to be above most parts of the country except south Peninsular India; where below normal rainfall activity is likely during the week.

#### **Temperature forecast & heat wave warning for Week 1 (12 to 18 June, 2025) and Week 2 (19 to 25 June, 2025)**

#### **Temperature forecast & heat wave warning for Week 1 (12 to 18 June, 2025):**

##### **Forecast of temperature:**

- ❖ No significant change in maximum temperatures likely over Northwest & Central India during next 2-3 days and gradual fall by 2-4°C thereafter.
- ❖ No significant change in maximum temperatures likely over East India during next 24 hours and gradual fall by 2-3°C thereafter for subsequent 4 days and no significant change thereafter.
- ❖ No significant change in maximum temperatures likely over rest parts of the country.

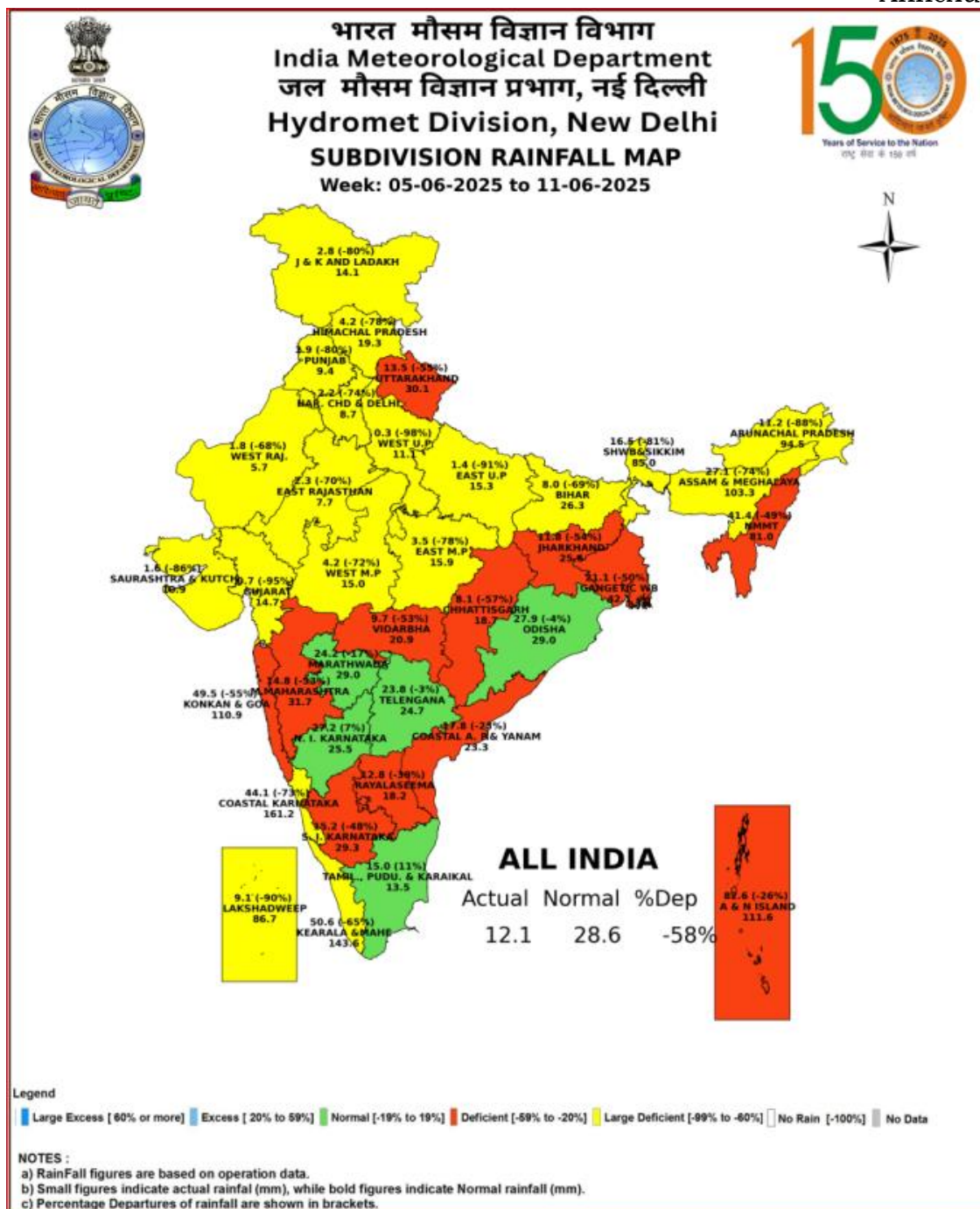
### **Heat Wave, Warm night and Hot & Humid weather warnings:**

- ❖ **Heat wave condition** very likely at many/some places over Himachal Pradesh & East Rajasthan during 12th-14th with **severe heat wave conditions** at isolated/some parts on 12th June.
- ❖ **Heat wave condition** very likely at many/some places over West Rajasthan during 12th-15th with **severe heat wave conditions** at isolated/some parts during 12th-14th June.
- ❖ **Heat wave conditions** very likely in some/many places over Jammu-Kashmir, West Uttar Pradesh, Punjab, Haryana Chandigarh & Delhi during 12-14th, East Uttar Pradesh, Madhya Pradesh on 12th & 13th June.
- ❖ **Hot & humid weather** is likely to prevail over Arunachal Pradesh, Assam & Meghalaya, Bihar on 12th & 13th; Nagaland, Manipur, Mizoram & Tripura on 12th & 14th June.
- ❖ **Warm night conditions** very likely in isolated pockets over Punjab, Haryana, West Rajasthan, West Madhya Pradesh on 12th & 13th, Uttar Pradesh, East Rajasthan on 12th, East Madhya Pradesh on 13th June.

### **Temperature forecast & heat wave warning for Week 2 (19 to 25 June, 2025):**

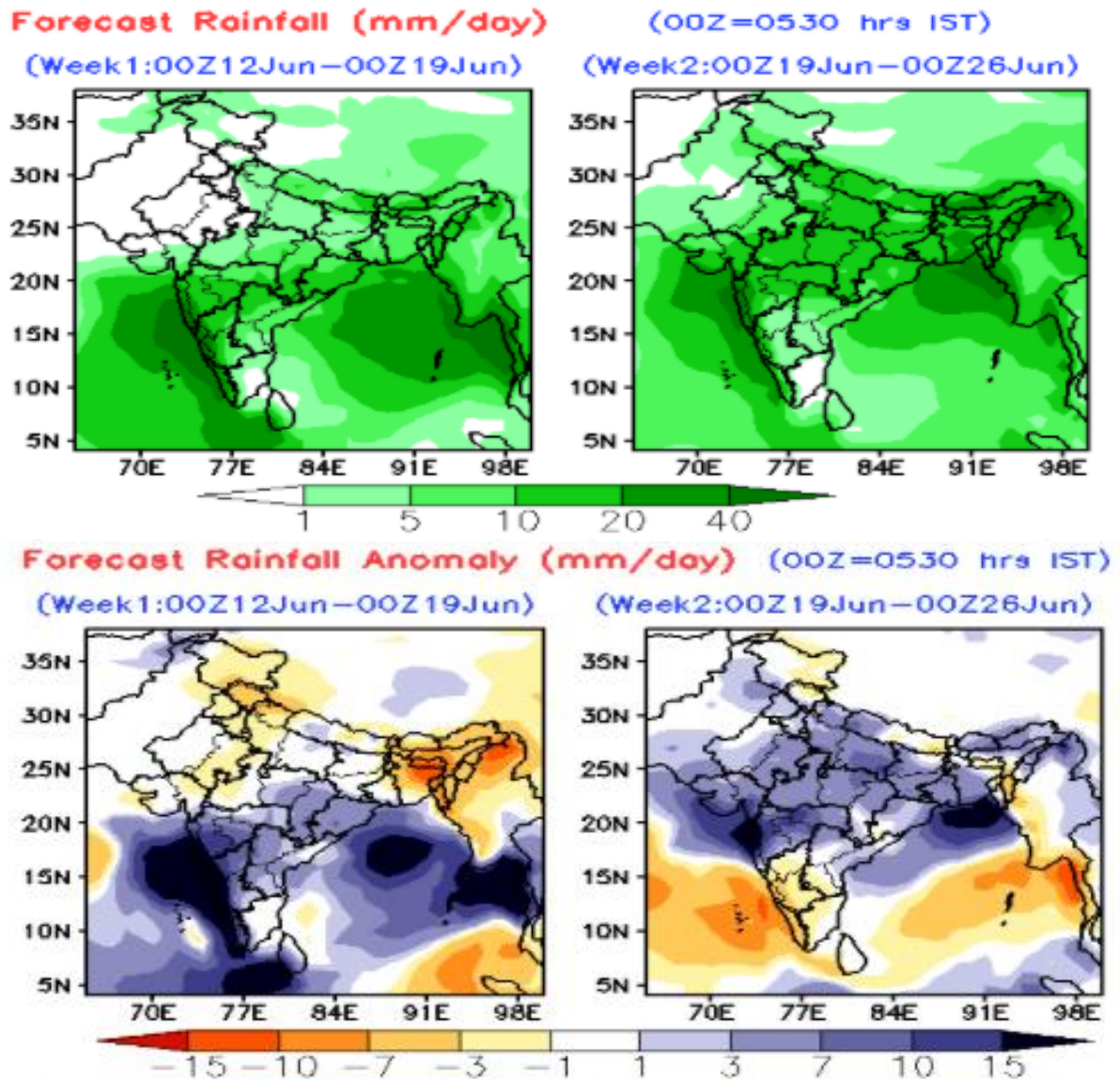
- ❖ Maximum temperatures are likely to decrease over northwest India as compared to week 1. These are likely to be below normal over most parts of the country outside parts of Northwest India (Western Himalayan Region and Rajasthan), Where it is likely to be near normal.



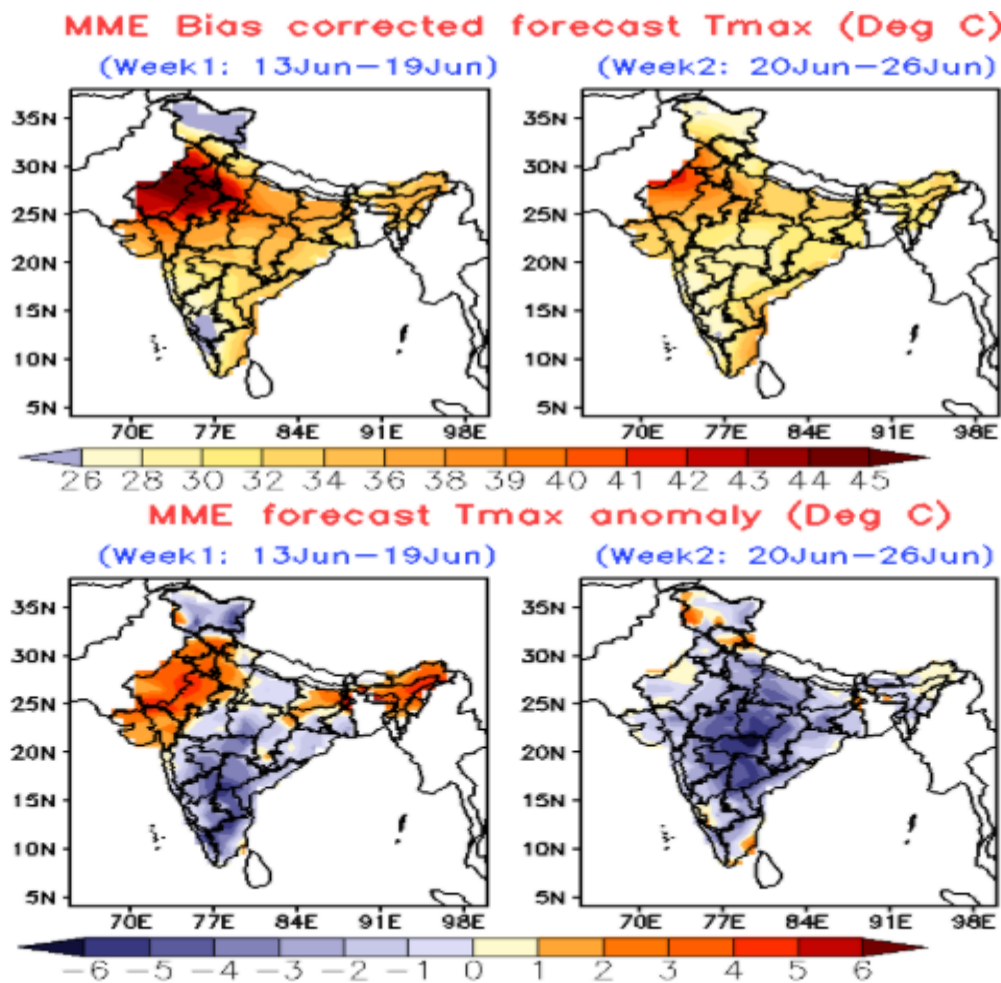








Extended range forecast of weekly distribution of rainfall in mm per day (top panel) and anomalies (lower panel) from IMD MME



Extended range forecast of weekly distribution of Maximum Temperature in °C (top panel) and anomalies (lower panel) from IMD Bias Corrected Forecast