



2025-06-11

Time of Issue: 14:45:00 hours IST  
(Mid-Day)

## ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

### Significant Weather Features

#### Weather Forecast and Warnings

##### 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, Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana during 11th-13th June.
- Strong surface winds** (speed 50-60 kmph) very likely over Tamil Nadu Puducherry & Karaikal, Kerala & Mahe, Coastal Andhra Pradesh & Yanam and Karnataka during 12th-15th June.
- Isolated **heavy rainfall** likely over Tamilnadu Puducherry & Karaikal, Rayalaseema on 11th; Coastal Andhra Pradesh & Yanam, Telangana during 12th-15th June with **very heavy rainfall** over Tamilnadu Puducherry & Karaikal during 12th-17th; Kerala & Mahe on 12th & 13th, Karnataka during 11th-17th; Coastal Andhra Pradesh & Yanam, Telangana on 11th June with **Extremely heavy rainfall** likely over Kerala & Mahe during 14th-16th; Coastal & South Interior Karnataka during 12th-16th and over North Interior Karnataka on 12th, Tamilnadu Puducherry & Karaikal on 14th & 15th June.

##### West India:

- Light/moderate rainfall at some/isolated places accompanied with **thunderstorm, lightning & gusty winds speed reaching 30-40 kmph** likely over Madhya Maharashtra, Marathawada, Konkan & Goa on 11th; Gujarat State during 14th-16th June with **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** very likely at isolated places over Madhya Maharashtra, Marathawada, Konkan & Goa during 12th-14th June.
- Isolated **heavy rainfall** likely over Konkan & Goa, Madhya Maharashtra during 11th-17th, Marathawada during 11th-14th with **very heavy rainfall** on Konkan & Goa on 15th & 16th; Madhya Maharashtra on 12th & 13th June with **Extremely heavy rainfall** likely over Konkan & Goa during 12th-14th 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 Andaman & Nicobar Islands, Sub-Himalayan West Bengal & Sikkim, Odisha during 11th-13th; Madhya Pradesh, Vidarbha, Chhattisgarh, Gangetic West Bengal, Bihar, Jharkhand during 11th-15th June with **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** very likely at isolated places over Madhya Pradesh on 14th & 15th; Vidarbha, Chhattisgarh during 11th-13th, Bihar on 13th June.
- Isolated **heavy rainfall** also likely over Chhattisgarh on 11th & during 14th-17th; Vidarbha during 14th-17th; Andaman & Nicobar Islands on 12th & 13th; Sub-Himalayan West Bengal & Sikkim during 13th-15th; Odisha during 11th-17th June.

##### Northwest India:

- Light/moderate rainfall at some/isolated places accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely Himachal Pradesh & Uttarakhand during 12th-17th; Punjab, Haryana, Uttar Pradesh, Rajasthan during 13th-17th June with **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)**

**\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"**

Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)

**kmph)** very likely at isolated places over Rajasthan during 14th-17<sup>th</sup> June.

- Isolated **heavy rainfall** likely over Uttarakhand during 11th-17th 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, Assam & Meghalaya during 13th-17th; Nagaland, Manipur, Mizoram & Tripura during 11th-17th June.

**Maximum Temperature Forecast:**

- No significant change in maximum temperatures likely over Northwest & Central India during next 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 3 days and no significant change thereafter.
- No significant change in maximum temperatures likely over rest parts of the country.

**Heat wave, Hot & Humid weather and Warn Night warnings:**

- **Heat wave condition** very likely at many/some places over Jammu-Kashmir, Punjab, Haryana Chandigarh & Delhi during 11th-14th with **severe heat wave conditions** at isolated/some parts on 11th & 12th June.
- **Heat wave condition** very likely at many/some places over Himachal Pradesh & East Rajasthan during 11th-13th with **severe heat wave conditions** at isolated/some parts on 11th & 12th June.
- **Heat wave condition** very likely at many/some places over West Rajasthan during 11th-15th with **severe heat wave conditions** at isolated/some parts during 11th-13th June.
- **Heat wave conditions** very likely in isolated/some places over West Uttar Pradesh on 11th & 12th; East Uttar Pradesh on 11th June.
- **Hot & humid weather** is likely to prevail over Bihar, Assam & Meghalaya on 11th & 12th; Arunachal Pradesh on 11th June.
-

### Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at most places** over Andaman & Nicobar Islands, Kerala & Mahe and Lakshadweep; **at many places** over Nagaland, Manipur, Mizoram & Tripura, Vidarbha, Coastal Andhra Pradesh & Yanam, Telangana and Coastal Karnataka; **at a few places** over Sub Himalayan West Bengal & Sikkim, Odisha, Marathwada, Chhattisgarh, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka and South Interior Karnataka; **at isolated places** over Arunachal Pradesh, Assam & Meghalaya, Gangetic West Bengal, Jharkhand, Uttarakhand, West Madhya Pradesh, East Madhya Pradesh, Konkan & Goa and Madhya Maharashtra; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Kerala & Mahe:** Sengulam Dam (dist Idukki) 14, Munnar (dist Idukki) 13, Idamalayar Dam (dist Ernakulam) 13, Thennala(dist Malappuram) 12, Vellathoval(dist Idukki) 11, Athirappalli (dist Thrissur) 10, Myladumpara (dist Idukki) 10, Pampadumpara(dist Idukki) 9, Idukki (dist Idukki) 8, Perumpavur (dist Ernakulam) 7, Nooranad(dist Alapuzha) 7, Vaikom (dist Kottayam) 7, Ponnani (dist Malappuram) 7, Kunnamkulam (dist Thrissur) 7, Kunnathanam (dist Pathanamthitta) 6; **Telangana:** Konijerla (dist Khammam) 12, Sirpur (t) (dist Kumaram Bheem) 11, Sathupalle (distKhammam) 10, Tekulapalle (dist B. Kothagudem) 10, Thollada (dist Khammam) 7, Madhira (distKhammam) 7, Armur (dist Nizamabad) 7, Bodhan (dist Nizamabad) 7; **Coastal Andhra Pradesh & Yanam:** Gudivada (dist Krishna) 11, Kaikalur (dist Eluru) 7, Masulipatnam Cdr (dist Krishna) 7, Eluru (dist Eluru) 6; **Tamil Nadu, Puducherry & Karaikal:** Avadi (dist Tiruvallur) 9, Chinnakalar (dist Coimbatore) 8, Valparai PTO (dist Coimbatore), Pelandurai (dist Cuddalore) 7 each; **Uttarakhand:** Sama-9, Ukhimath 7; **Tripura:** Sonamura (dist Sipahijala) 9, Sonamura Arg (dist Sipahijala) 8, Dm Office Arg (dist West Tripura) 6; **Chhattisgarh:** Kutaru (dist Bijapur) 7, Raipur City (dist Raipur) 6; **Odisha:** Ganjam (Ganjam) 7, Th Rampur (Kalahandi) 6, Jaipatna (Kalahandi) 6; **Assam:** Dibrugarh D C Office 7.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today):**Heavy to very heavy rain** at isolated places over Telangana and Kerala & Mahe. **Heavy rain** at isolated places over Nagaland, Manipur, Mizoram & Tripura, Odisha, Uttarakhand, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Coastal Karnataka.

❖ **Minimum Temperature Departures (as on 11-06-2025):** **markedly above normal(> 5.1°C)** at few places over Assam & Meghalaya, Himachal Pradesh, West Rajasthan and East Madhya Pradesh; at isolated places over Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, West Uttar Pradesh, Punjab, West Madhya Pradesh, Gujarat Region and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at many places over Uttarakhand and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at few places over Haryana-Chandigarh-Delhi; at isolated places over Gangetic West Bengal, Odisha, East Rajasthan and Vidarbha. **above normal(1.6°C to 3.0°C)** at many places over Konkan & Goa; at most places over Arunachal Pradesh; at few places over Andaman & Nicobar Islands, Jharkhand and Coastal Karnataka; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam and North Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at most places over Marathwada, Tamil Nadu, Puducherry & Karaikal, South Interior Karnataka, Kerala & Mahe and Lakshadweep; at few places over Chhattisgarh; at isolated places over Telangana. **The lowest minimum temperature** of 20.0°C is reported at MEDAK (TELANGANA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 10-06-2025):** **markedly above normal(> 5.1°C)** at many places over Assam & Meghalaya and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at most places over Arunachal Pradesh and Punjab; at few places over Sub Himalayan West Bengal & Sikkim, Haryana-Chandigarh-Delhi, Himachal Pradesh and East Madhya Pradesh; at isolated places over West Uttar Pradesh, West Rajasthan, East Rajasthan, West Madhya Pradesh, Vidarbha and Tamil Nadu, Puducherry & Karaikal. **appreciably above normal(3.1°C to 5.0°C)** at many places over Bihar and Uttarakhand; at few places over Nagaland, Manipur, Mizoram & Tripura and East Uttar Pradesh; at isolated places over Gangetic West Bengal, Odisha and Kerala & Mahe. **above normal(1.6°C to 3.0°C)** at many places over Coastal Karnataka; at few places over Lakshadweep; at isolated places over Jharkhand, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh & Yanam, Telangana and North Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Andaman & Nicobar Islands and Rayalaseema; at most places over Gujarat Region, Chhattisgarh and South Interior Karnataka. **The highest maximum temperature** of 47.6°C was reported at BHATINDA (PUNJAB).

**\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"**

**Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day**

**For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599**

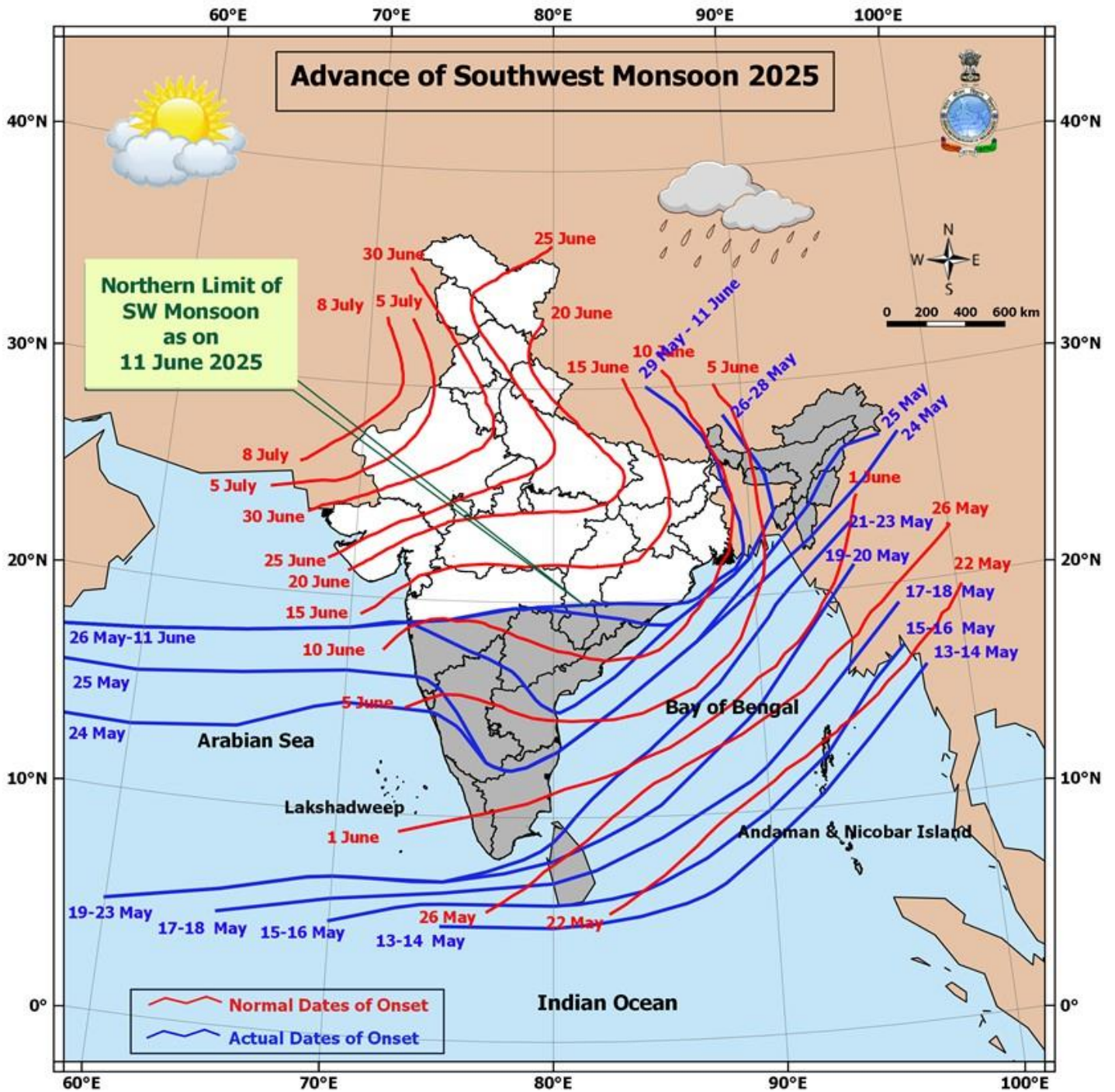
**(Service to the nation since 1875)**

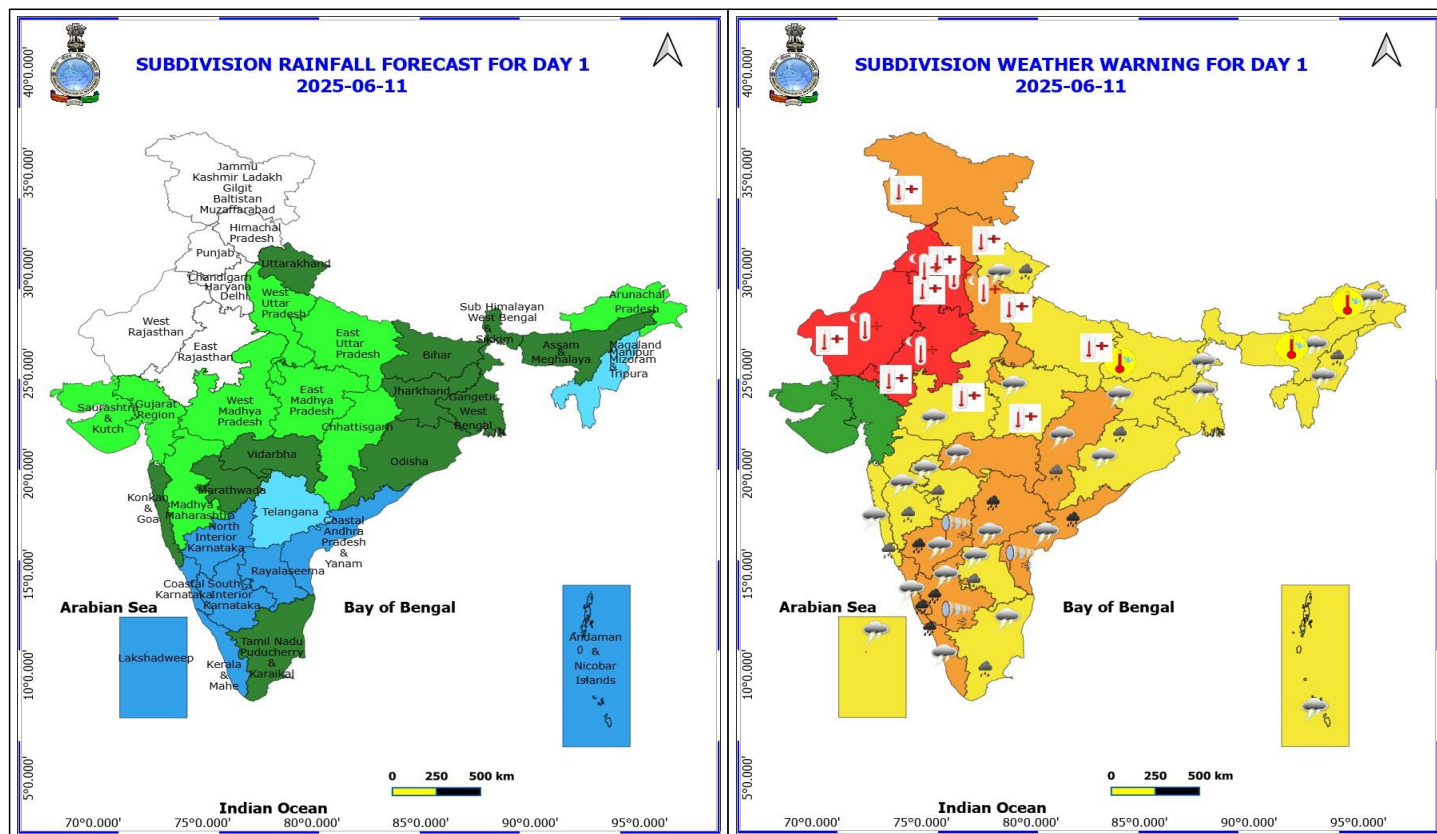
#### Meteorological Analysis (Based on 0830 hours IST)

- ♦ The Northern Limit of Monsoon continues 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.
- ♦ Conditions are likely to be favourable for further advancement of Southwest monsoon over some more parts of Central and adjoining East India around 14<sup>th</sup> June.
- ♦ An **upper air cyclonic circulation** lies over westcentral Bay of Bengal off north Coastal Andhra Pradesh coast and extends upto 5.8 km above mean sea level.
- ♦ A **trough** runs from northeast Rajasthan to above upper air cyclonic circulation across Madhya Pradesh, Chhattisgarh at 0.9 km above mean sea level.
- ♦ The **upper air cyclonic circulation** over Southeast Uttar Pradesh & neighbourhood now lies over East Uttar Pradesh and extends upto 1.5 km above mean sea level.
- ♦ An **upper air cyclonic circulation** lies over Haryana at 0.9 km above mean sea level.
- ♦ A fresh **Western Disturbance** as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level runs roughly along Long. 58°E to the north of Lat. 30°N and it is likely to affect over Northwest India from 13<sup>th</sup> June 2025.
- ♦ The **upper air cyclonic circulation** over north Pakistan & neighbourhood off Punjab at 1.5 km above mean sea level has become marked.
- ♦ The **upper air cyclonic circulation** over north Chhattisgarh now lies over East Madhya Pradesh and neighbourhood at 0.9 km above mean sea level has become marked.
- ♦ The **upper air cyclonic circulation** over north Haryana & neighbourhood at 1.5 km above mean sea level has become less marked.
- ♦ The **upper air cyclonic circulation** over north Odisha & neighbourhood between 1.5 & 5.8 km above mean sea level tilting southwards has become less marked.
- ♦ The **trough** from north Tamil Nadu to south Maharashtra coast as a **shear zone** roughly along Lat. 15°N over the Indian Region between 3.1 and 4.5 km above mean sea level has become less marked.
- ♦ The **Western Disturbance** as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 64°E to the north of Lat. 28°N has become less marked.

#### Weather Outlook for subsequent 3 days

- ❖ Fairly widespread to widespread rainfall activity likely over Northeast India, Sub-Himalayan West Bengal & Sikkim, Andaman & Nicobar Islands, Lakshadweep, Konkan & Goa, Marathwada, Madhya Maharashtra Coastal and Interior Karnataka, Telangana, Rayalaseema and Kerala & Mahe.
- ❖ Isolated to scattered rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan Muzaffarabad, Uttarakhand, Odisha, south Chhattisgarh, Vidarbha, Madhya Pradesh, Uttar Pradesh, Bihar and Jharkhand.





## 11 June (Day 1)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Coastal Andhra Pradesh, Costal Karnataka, Interior Karnataka, Kerala & Mahe and Telangana.
- ❖ **Heavy Rainfall** very likely at isolated places over Chhattisgarh, Konkan & Goa, Madhya Maharashtra, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Odisha, Rayalaseema, Tamil Nadu Puducherry & Karaikal and Uttarakhand.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Chhattisgarh and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Coastal Andhra Pradesh, Madhya Maharashtra, Madhya Pradesh, Marathwada, North Interior Karnataka, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Costal Karnataka, Gangetic West Bengal, Jharkhand, Lakshadweep, Nagaland, Manipur, Mizoram and Tripura, Odisha, Rayalaseema and South Interior Karnataka.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Kerala & Mahe and Konkan & Goa.
- ❖ **Strong Surface Winds** very likely at isolated places over Coastal Andhra Pradesh and Interior Karnataka.
- ❖ **Heat Wave conditions** very likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, Punjab, Rajasthan and Uttar Pradesh.

**\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"**

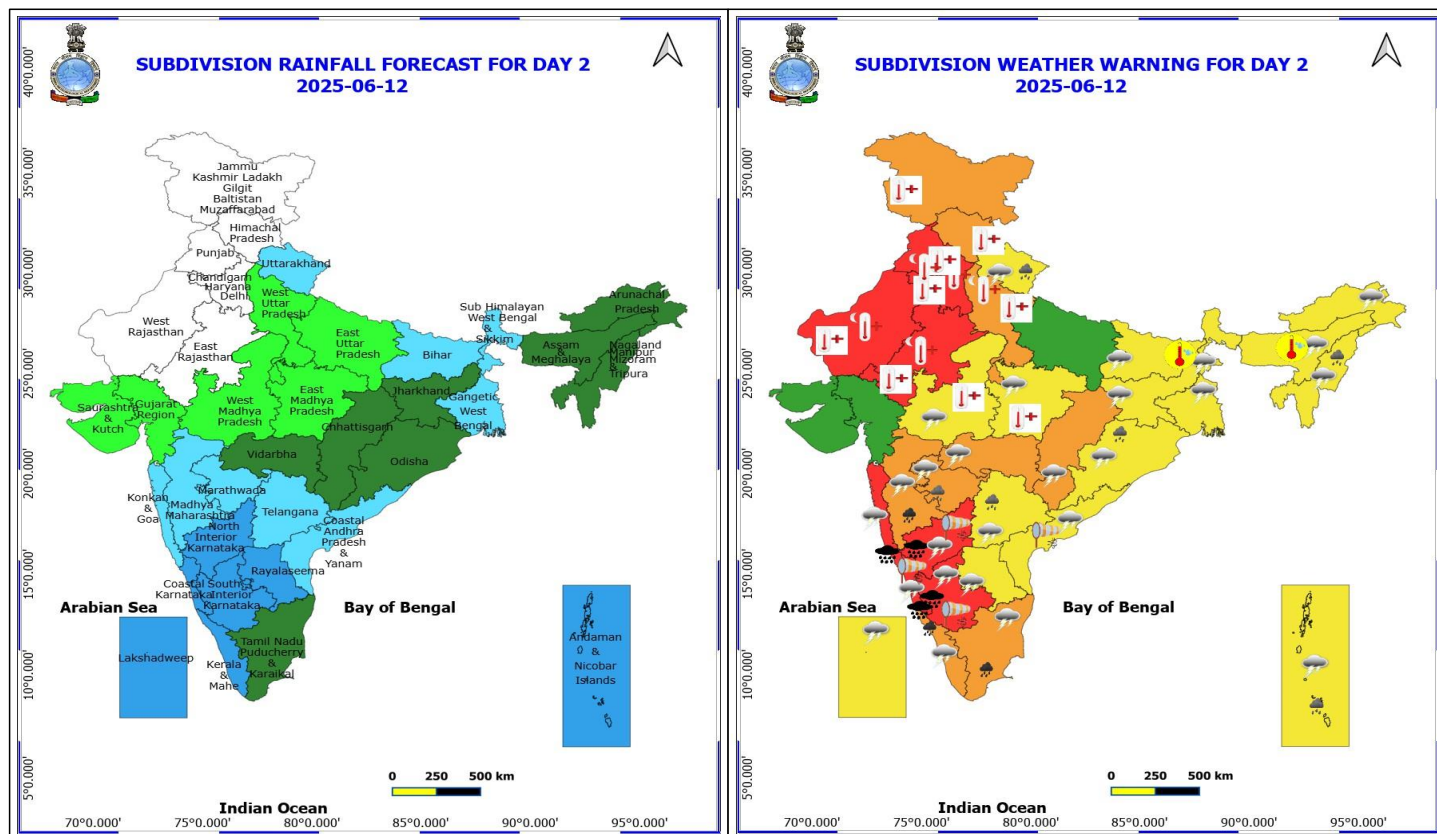
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)



- ❖ **Hot and Humid weather** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Bihar.
- ❖ **Warm Night conditions** very likely at isolated places over Haryana, Chandigarh & Delhi, Punjab, Rajasthan and West Uttar Pradesh.
- ❖ **Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail along and off Somalia coast and adjoining parts of southwest and westcentral Arabian Sea, and Gulf of Mannar. **Squally weather with wind speed 35 - 45 kmph gusting to 55 kmph** likely to prevail along and off Karnataka, Kerala, Sri Lanka, Tamil Nadu, Andhra Pradesh coasts, over Lakshadweep, Maldives, Comorin areas, over most parts of south Bay of Bengal, western parts of westcentral Bay of Bengal, and over Andaman Sea.



## 12 June (Day 2)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Costal Karnataka, Interior Karnataka and Konkan & Goa.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Kerala & Mahe, Madhya Maharashtra and Tamil Nadu Puducherry & Karaikal.
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Odisha, Telangana and Uttarakhand.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Chhattisgarh, Konkan & Goa and Maharashtra.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Coastal Andhra Pradesh, Madhya Pradesh, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Costal Karnataka, Interior Karnataka, Jharkhand, Lakshadweep, Nagaland, Manipur, Mizoram and Tripura, Odisha, Rayalaseema, Tamil Nadu Puducherry & Karaikal and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Kerala & Mahe.
- ❖ **Strong Surface Winds** very likely at isolated places over Coastal Andhra Pradesh, Costal Karnataka and Interior Karnataka.
- ❖ **Heat Wave conditions** very likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh,

**\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"**

Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)

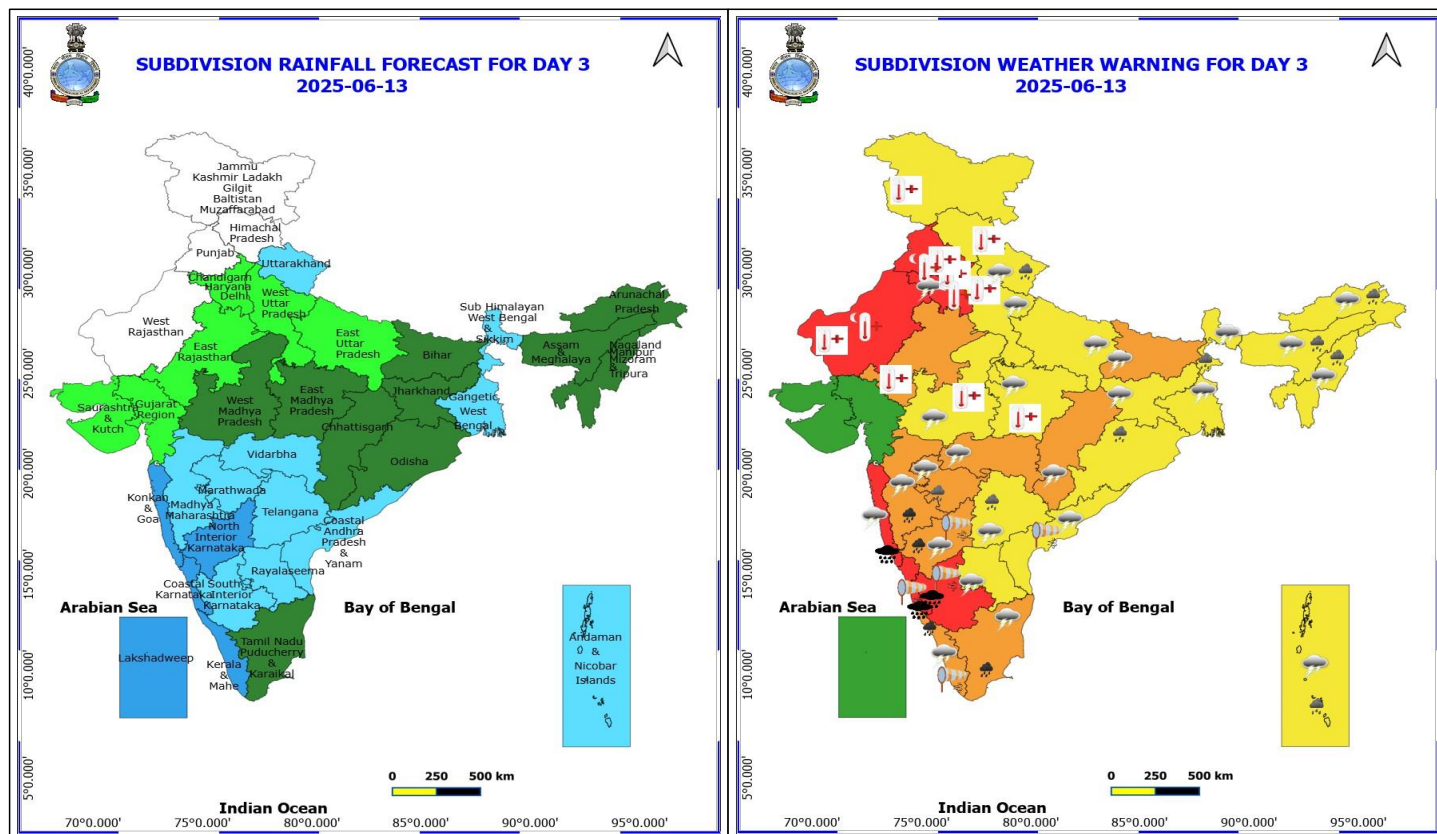


Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, Punjab, Rajasthan and West Uttar Pradesh.

❖ **Hot and Humid weather** very likely at isolated places over Assam & Meghalaya and Bihar.

❖ **Warm Night conditions** very likely at isolated places over Haryana, Chandigarh & Delhi, Punjab, Rajasthan and West Uttar Pradesh.

❖ **Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail along and off Somalia coast and adjoining parts of southwest and westcentral Arabian Sea, and Gulf of Mannar. **Squally weather with wind speed 35 - 45 kmph gusting to 55 kmph** likely to prevail along and off south Konkan, Goa, Karnataka, Kerala, Sri Lanka, Tamil Nadu, Andhra Pradesh coasts, over many parts of southeast Arabian Sea, over Lakshadweep, Maldives, Comorin areas, over most parts of south Bay of Bengal, western parts of westcentral Bay of Bengal, and over Andaman Sea.



### 13 June (Day 3)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Costal Karnataka, Konkan & Goa and South Interior Karnataka.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Kerala & Mahe, Madhya Maharashtra, North Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim, Telangana and Uttarakhand.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Bihar, Chhattisgarh, Konkan & Goa and Maharashtra.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Jharkhand, Madhya Pradesh, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Arunachal Pradesh, North Interior Karnataka, Sub Himalayan West Bengal & Sikkim and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh, Assam & Meghalaya, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura and Tamil Nadu Puducherry & Karaikal.
- ❖ **Strong Surface Winds** very likely at isolated places over Coastal Andhra Pradesh, Coastal Karnataka, Interior Karnataka and Kerala & Mahe.

**\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"**

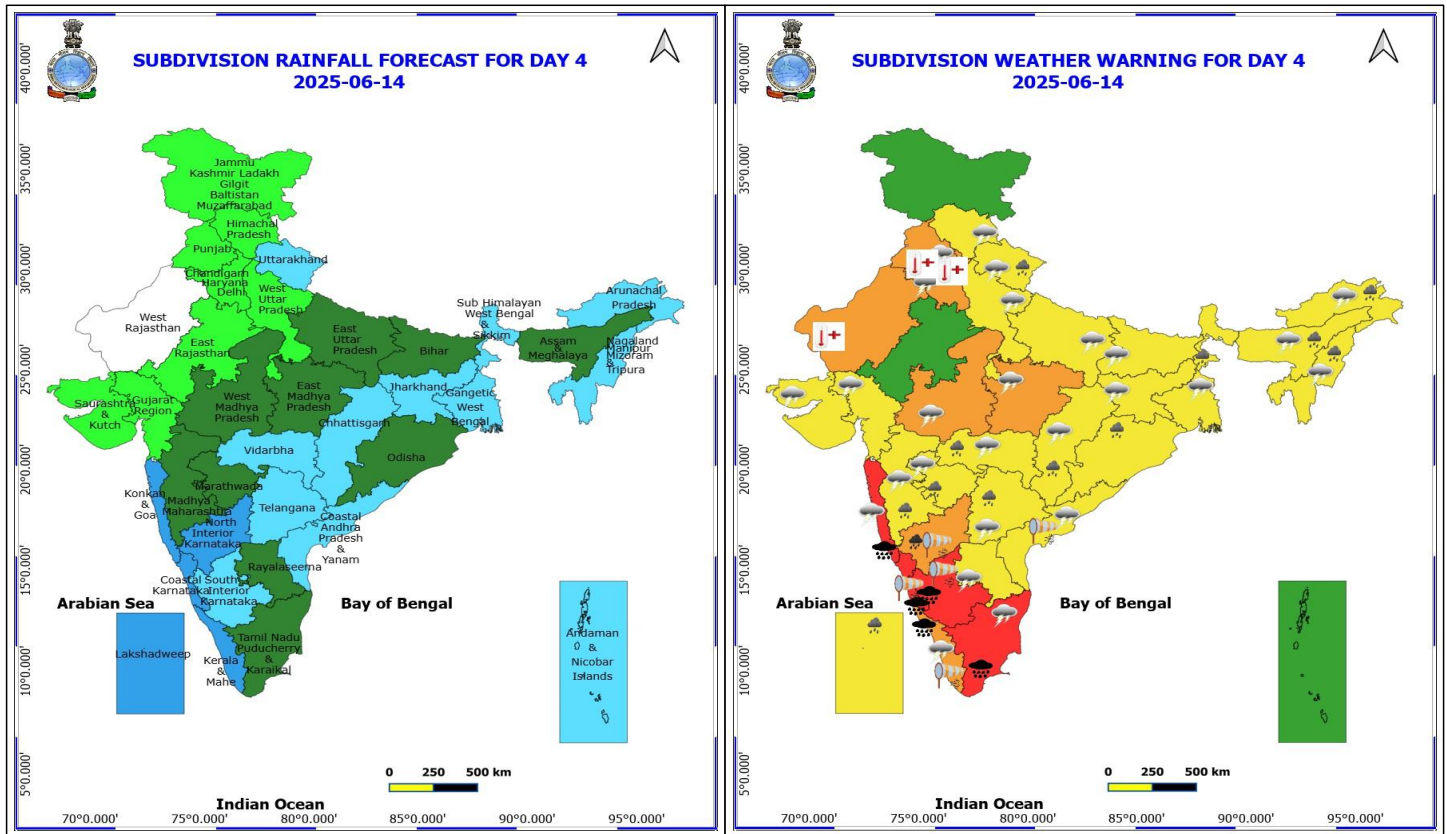
**Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day**

**For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599**

**(Service to the nation since 1875)**



- ❖ **Heat Wave conditions** very likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, Punjab, Rajasthan and West Uttar Pradesh.
- ❖ **Warm Night conditions** very likely at isolated places over Haryana, Chandigarh & Delhi, Punjab and West Rajasthan.
- ❖ **Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail along and off Somalia coast and adjoining parts of southwest and westcentral Arabian Sea, and Gulf of Mannar. **Squally weather with wind speed 35 - 45 kmph gusting to 55 kmph** likely to prevail along and off Konkan, Goa, Karnataka, Kerala, Sri Lanka coasts, off Tamil Nadu coast, over many parts of southeast Arabian Sea, over Lakshadweep, Maldives, Comorin areas, over most parts of south Bay of Bengal and adjoining parts of central Bay of Bengal, and over Andaman Sea.



#### 14 June (Day 4)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Costal Karnataka, Kerala & Mahe, Konkan & Goa, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over North Interior Karnataka.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Lakshadweep, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim, Telangana and Uttarakhand.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Konkan & Goa, Madhya Maharashtra and Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over East Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Marathwada, Punjab, Telangana, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Gangetic West Bengal, Gujarat State and Jharkhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Andhra Pradesh, Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Tamil Nadu Puducherry & Karaikal and West Uttar Pradesh.
- ❖ **Strong Surface Winds** likely at isolated places over Coastal Andhra Pradesh, Costal Karnataka, Interior Karnataka and Kerala & Mahe.

**\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"**

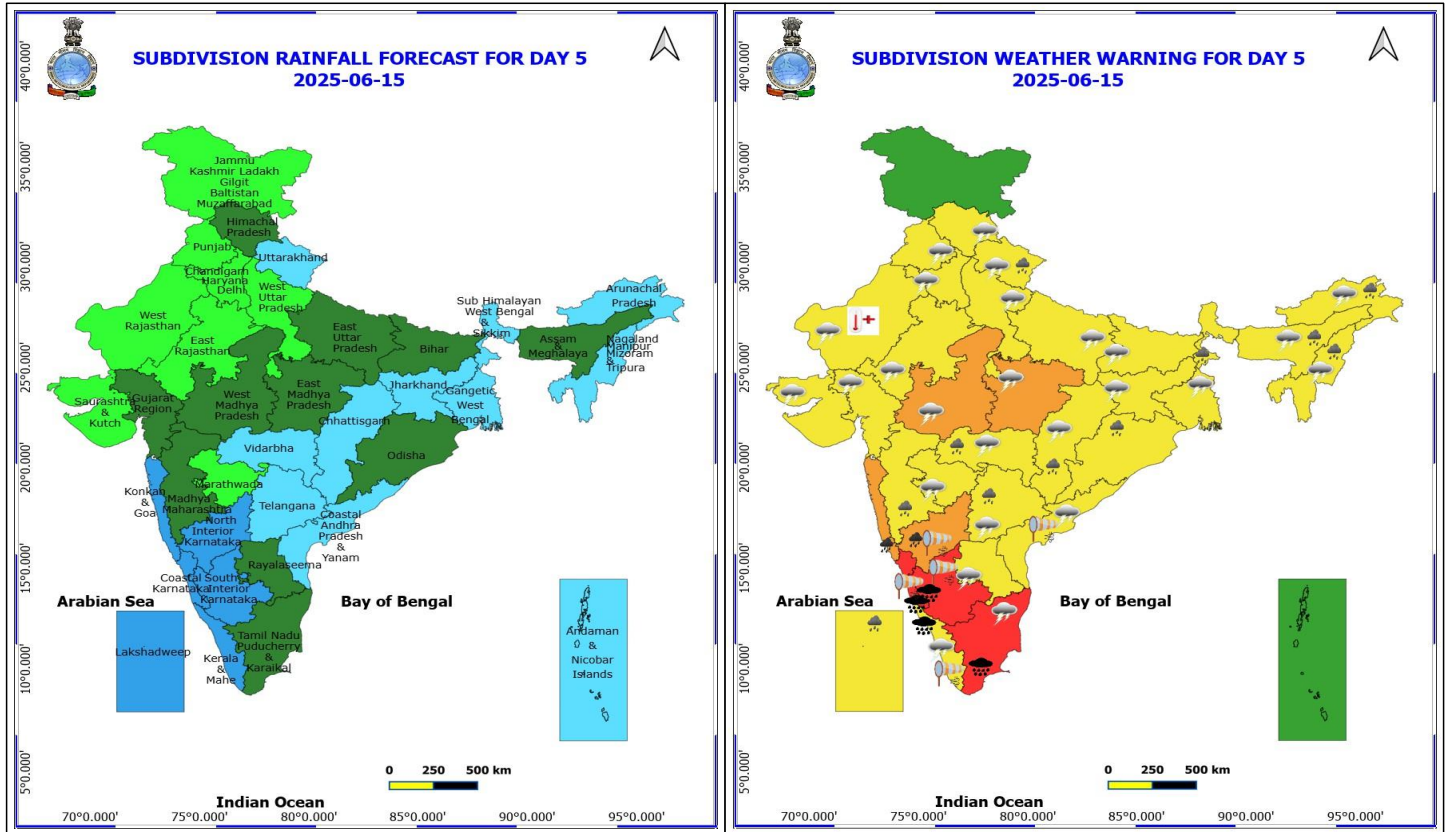
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)

❖ **Heat Wave conditions** likely at isolated places over Haryana, Chandigarh & Delhi, Punjab and West Rajasthan.

❖ **Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail along and off Somalia coast and adjoining parts of southwest and westcentral Arabian Sea, and Gulf of Mannar. **Squally weather with wind speed 35 - 45 kmph gusting to 55 kmph** likely to prevail along and off Konkan, Goa, Karnataka, Kerala, Sri Lanka coasts, off Tamil Nadu, Andhra Pradesh coasts, over southeast Arabian Sea, many parts of eastcentral Arabian Sea, northern parts of southwest Arabian sea &; adjoining parts of westcentral Arabian Sea, over Lakshadweep, Maldives, Comorin areas, over most parts of south Bay of Bengal, most parts of central Bay of Bengal, and over Andaman Sea.



### 15 June (Day 5)

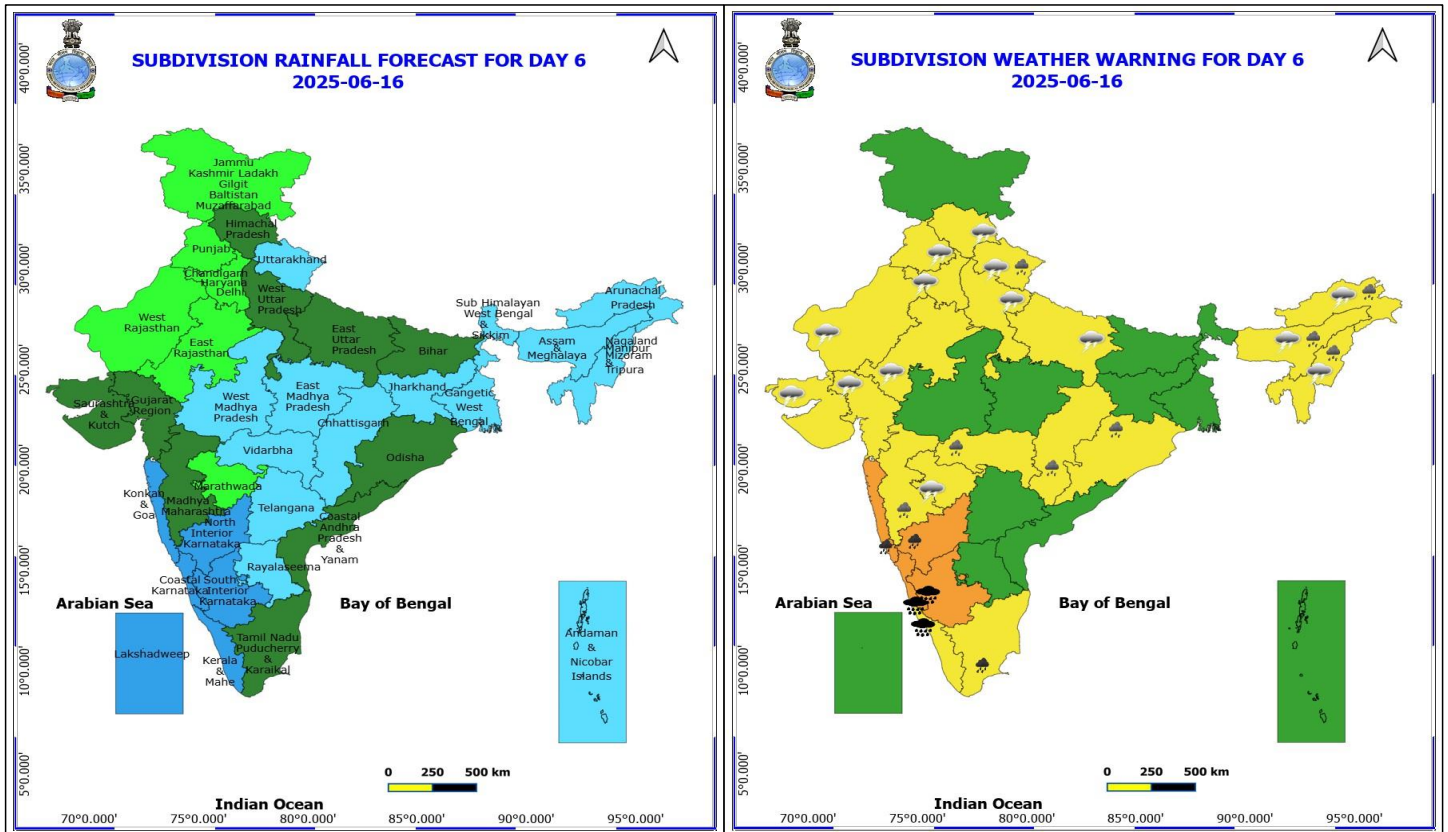
- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Coastal Karnataka, Kerala & Mahe, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Konkan & Goa and North Interior Karnataka.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Lakshadweep, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim, Telangana, Uttarakhand and Vidarbha.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Madhya Pradesh and Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Marathwada, Punjab, Telangana, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Gangetic West Bengal, Gujarat State and Jharkhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Andhra Pradesh, Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura and Tamil Nadu Puducherry & Karaikal.
- ❖ **Strong Surface Winds** likely at isolated places over Coastal Andhra Pradesh, Coastal Karnataka, Interior Karnataka and Kerala & Mahe.
- ❖ **Heat Wave conditions** likely at isolated places over West Rajasthan.
- ❖ **Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail along and off Somalia coast and some parts of southwest and westcentral Arabian Sea, and Gulf of Mannar. Squally weather with wind speed 35 - 45 kmph gusting to 55 kmph likely to prevail along and off Konkan, Goa, Karnataka, Kerala, Sri Lanka, Tamil Nadu, Andhra Pradesh coasts, over southeast Arabian Sea, many parts of eastcentral & southwest Arabian Sea, southern parts of westcentral Arabian Sea, over Lakshadweep, Maldives, Comorin areas, over most parts of south Bay of Bengal, most parts of central Bay of Bengal, and over Andaman Sea. Squally weather with wind speed 45 - 55 kmph gusting to 65 kmph likely to prevail over some parts of southwest and westcentral Bay of Bengal.

**\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"**

Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)



## 16 June (Day 6)

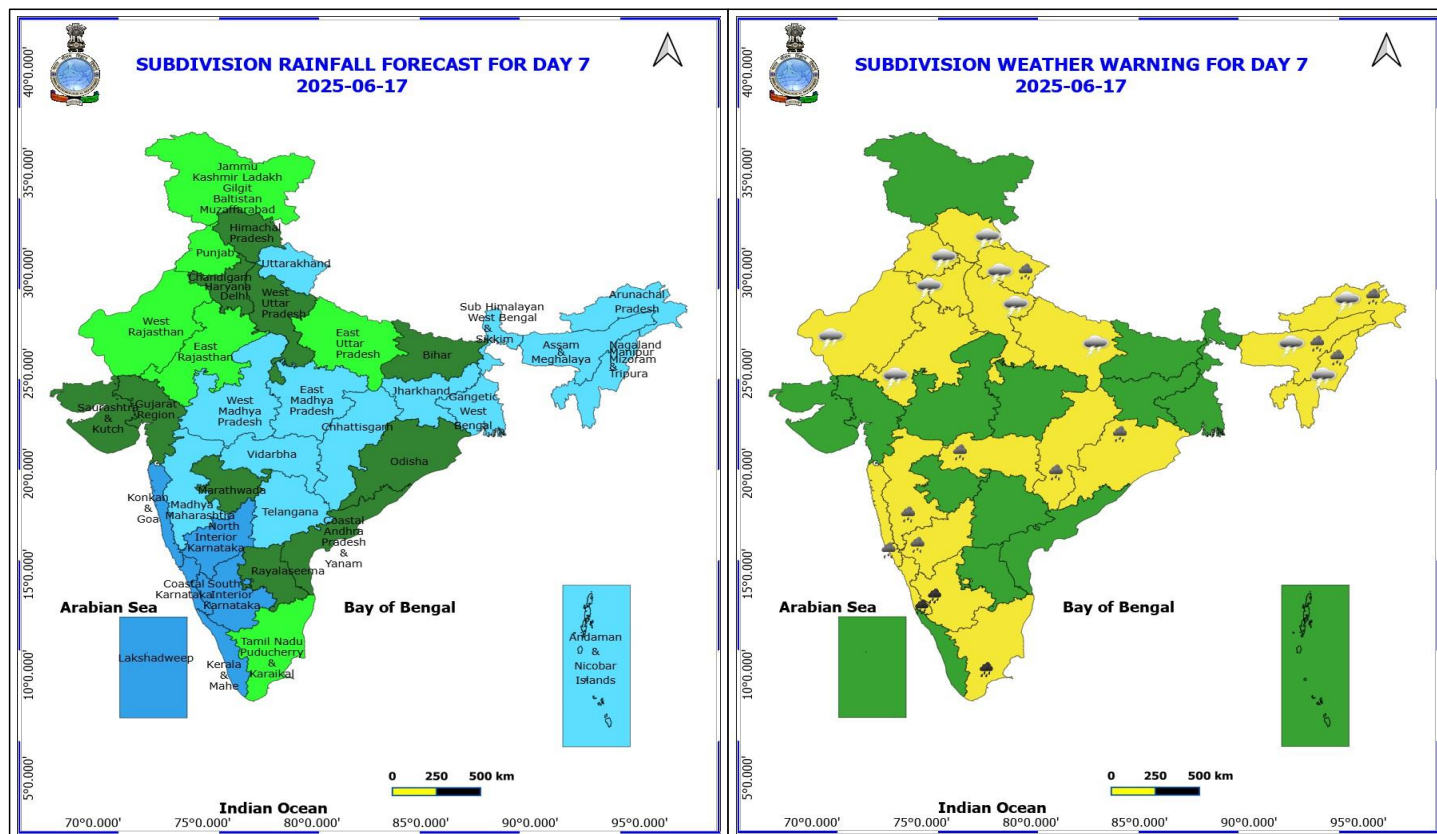
- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Costal Karnataka, Kerala & Mahe and South Interior Karnataka.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Konkan & Goa, North Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Uttarakhand and Vidarbha.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Marathwada, Punjab, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Gujarat State.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.

**\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"**

Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)



## 17 June (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Coastal Karnataka, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka, Odisha, Uttarakhand and Vidarbha.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Punjab, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.

\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)



**Table-1**

## 7 Days Rainfall Forecast

S.No.	Subdivision	11- Jun	12- Jun	13- Jun	14- Jun	15- Jun	16- Jun	17- Jun
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	FWS	FWS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	ISOL	SCT	SCT	FWS	FWS	FWS	FWS
3	ASSAM & MEHGHALAYA	SCT	SCT	SCT	SCT	SCT	FWS	FWS
4	N. M. M. & T.	FWS	SCT	SCT	FWS	FWS	FWS	FWS
5	S.H. WEST BENGAL & SIKKIM	SCT	FWS	FWS	FWS	FWS	FWS	FWS
6	GANGETIC WEST BENGAL	SCT	FWS	FWS	FWS	FWS	FWS	FWS
7	ODISHA	SCT	SCT	SCT	SCT	SCT	SCT	SCT
8	JHARKHAND	SCT	SCT	SCT	FWS	FWS	FWS	FWS
9	BIHAR	SCT	FWS	SCT	SCT	SCT	SCT	SCT
10	EAST UTTAR PRADESH	ISOL	ISOL	ISOL	SCT	SCT	SCT	ISOL
11	WEST UTTAR PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	SCT
12	UTTARAKHAND	SCT	FWS	FWS	FWS	FWS	FWS	FWS
13	HARYANA, CHD & DELHI	DRY	DRY	ISOL	ISOL	ISOL	ISOL	SCT
14	PUNJAB	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
15	HIMACHAL PRADESH	DRY	DRY	DRY	ISOL	SCT	SCT	SCT
16	JAMMU AND KASHMIR AND LADAKH	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL
18	EAST RAJASTHAN	DRY	DRY	ISOL	ISOL	ISOL	ISOL	ISOL
19	WEST MADHYA PRADESH	ISOL	ISOL	SCT	SCT	SCT	FWS	FWS
20	EAST MADHYA PRADESH	ISOL	ISOL	SCT	SCT	SCT	FWS	FWS
21	GUJRAT REGION	ISOL	ISOL	ISOL	ISOL	SCT	SCT	SCT
22	SAURASHTRA & KUTCH	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	SCT
23	KONKAN & GOA	SCT	FWS	WS	WS	WS	WS	WS
24	MADHYA MAHARASHTRA	ISOL	FWS	FWS	SCT	SCT	SCT	FWS
25	MARATHWADA	SCT	FWS	FWS	SCT	ISOL	ISOL	SCT
26	VIDARBHA	SCT	SCT	FWS	FWS	FWS	FWS	FWS
27	CHATTISGARH	ISOL	SCT	SCT	FWS	FWS	FWS	FWS
28	COASTAL ANDHRA PRADESH	WS	FWS	FWS	FWS	FWS	SCT	SCT
29	TELANGANA	FWS	FWS	FWS	FWS	FWS	FWS	FWS
30	RAYALASEEMA	WS	WS	FWS	SCT	SCT	FWS	SCT
31	TAMILNADU & PUDUCHERRY	SCT	SCT	SCT	SCT	SCT	SCT	ISOL
32	COSTAL KARNATAKA	WS	WS	WS	WS	WS	WS	WS
33	NORTH INTERIOR KARNATAKA	WS	WS	WS	WS	WS	WS	WS
34	SOUTH INTERIOR KARNATAKA	WS	WS	FWS	FWS	WS	WS	WS
35	KERALA	WS	WS	WS	WS	WS	WS	WS
36	LAKSHDWEAP	WS	WS	WS	WS	WS	WS	WS

Legend	Category	%Stations
WS	Widespread/Most Places	76-100
FWS	Fairly Widespread/Many Places	51-75
SCT	Scattered/ A Few Places	26-50
ISOL	Isolated Places	1-25
DRY	No Rain	0

\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)

Fig. 1: Maximum Temperatures Dated 2025-06-11

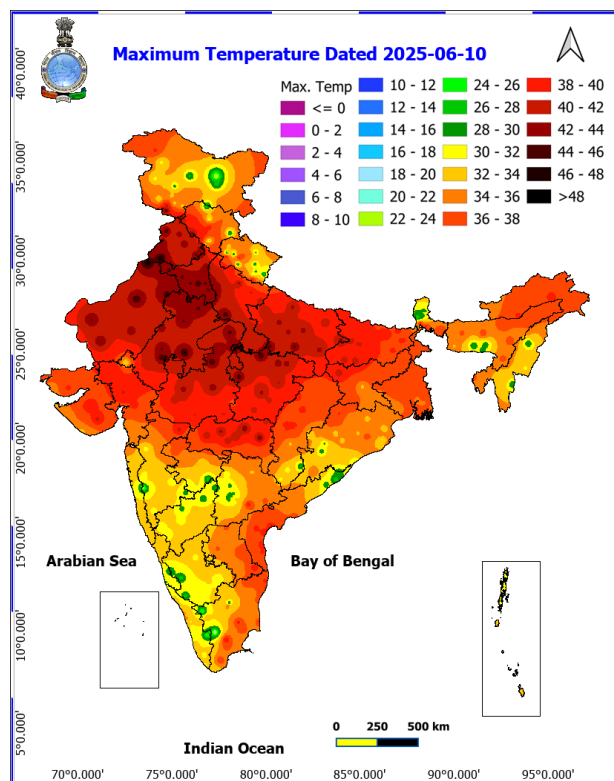


Fig. 2: Departure of Maximum Temp. Dated 2025-06-11

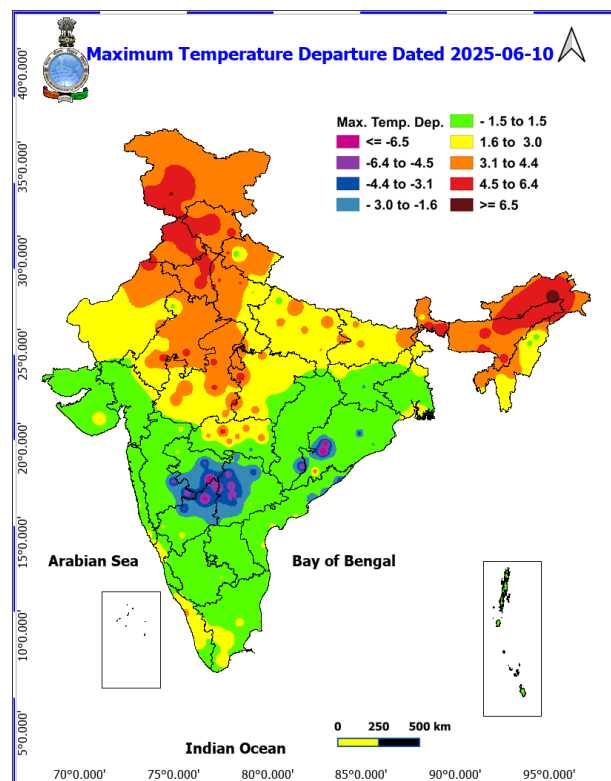


Fig. 3: Minimum Temperatures Dated 2025-06-11

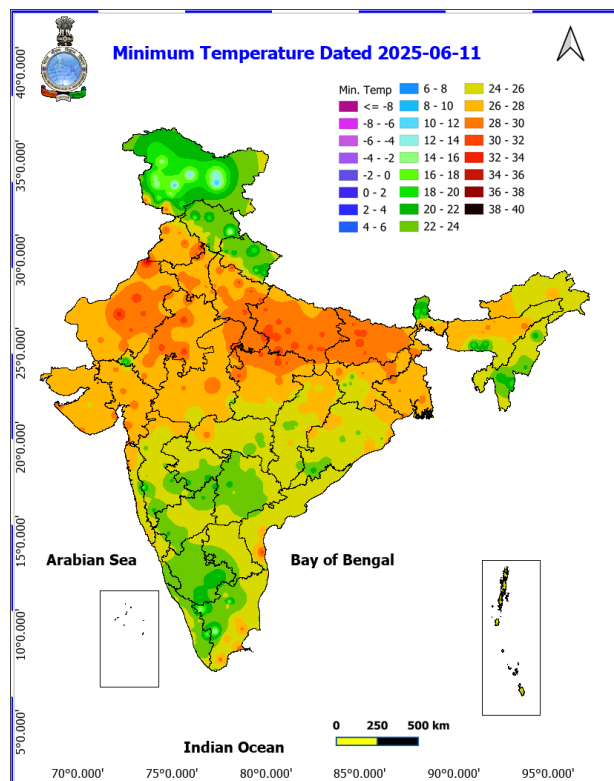
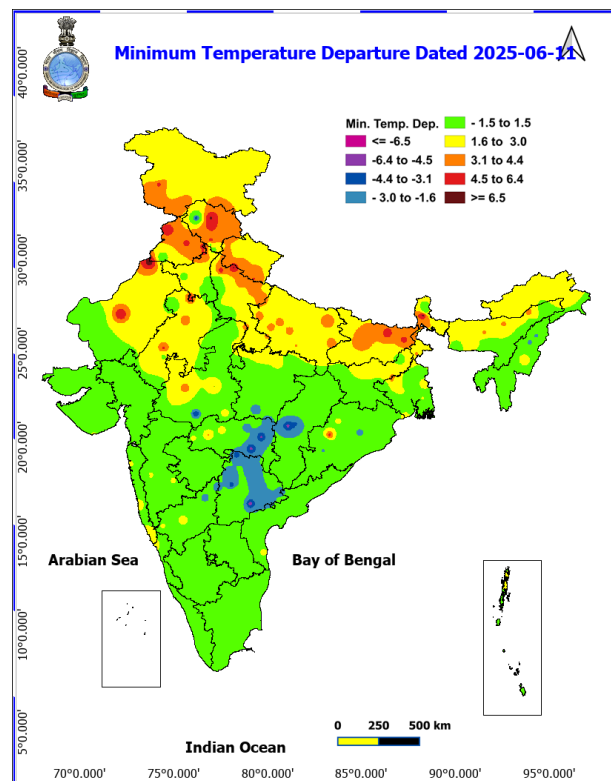
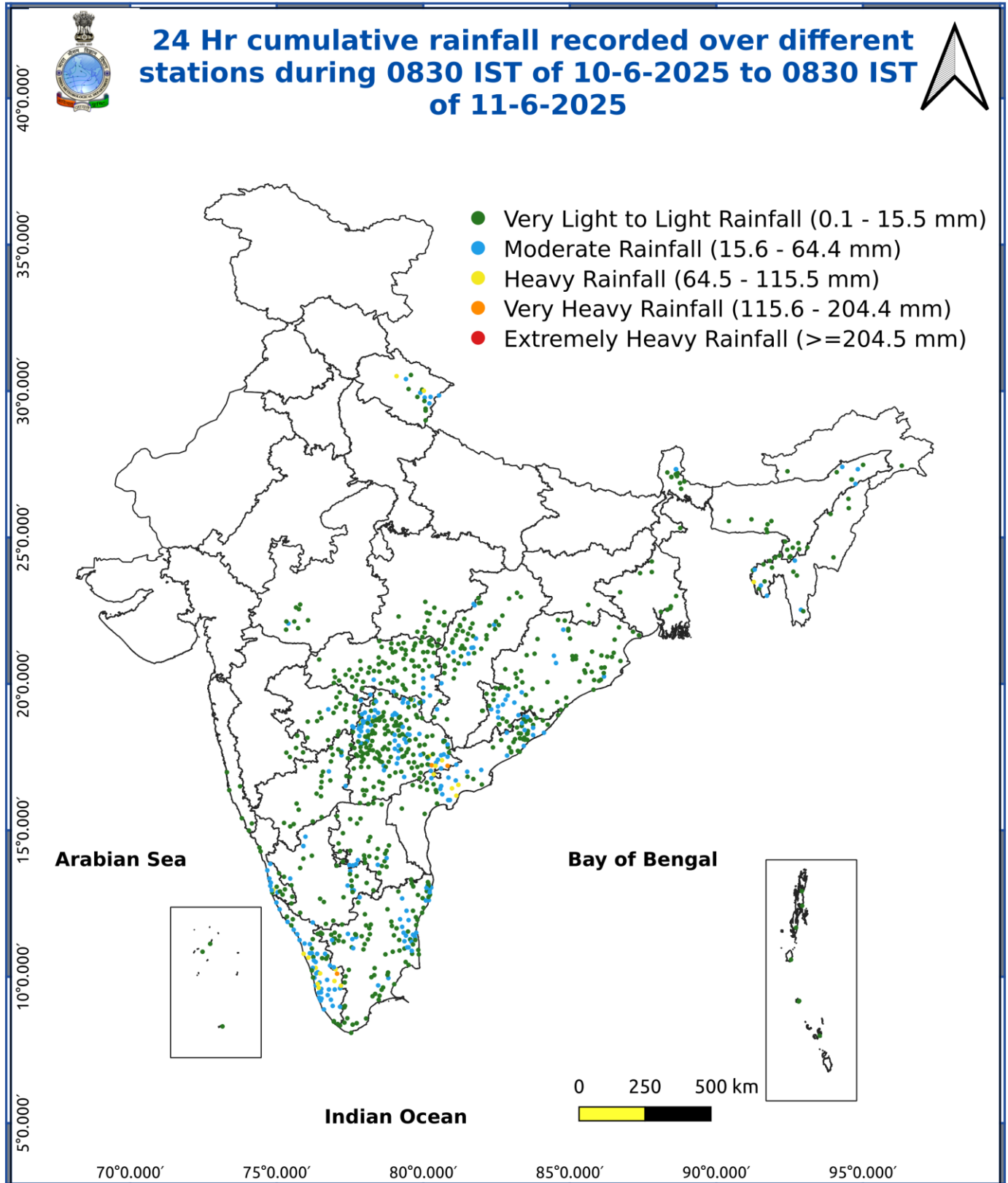


Fig. 4: Departure of Minimum Temp. Dated 2025-06-11





\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)



**Impact & Action Suggested due to extremely heavy falls/ very heavy rainfall:**

- ✓ **Extremely heavy rainfall** over Kerala & Mahe during 14th-16th; Coastal & South Interior Karnataka during 12th-16th; North Interior Karnataka on 12th, Tamilnadu Puducherry & Karaikal on 14th & 15th; Konkan & Goa during 12th-14th June.
- ✓ **Very heavy rainfall** over Tamilnadu Puducherry & Karaikal during 12th-17th; Kerala & Mahe on 12th & 13th, Karnataka during 11th-17th; Coastal Andhra Pradesh & Yanam, Telangana on 11th; Konkan & Goa on 15th & 16th and Madhya Maharashtra on 12th & 13th June

**Impact Expected**

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

**Action Suggested**

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

**Impact expected and action suggested due to Severe heat wave/ Heat wave condition:**

- ❖ **Heat wave condition** at many/some places over Jammu-Kashmir, Punjab, Haryana Chandigarh & Delhi during 11th-14th with **severe heat wave conditions** at isolated/some parts on 11th & 12th June.
- ❖ **Heat wave condition** at many/some places over Himachal Pradesh & East Rajasthan during 11th-13th with **severe heat wave conditions** at isolated/some parts on 11th & 12th June.
- ❖ **Heat wave condition** at many/some places over West Rajasthan during 11th-15th with **severe heat wave conditions** at isolated/some parts during 11th-13th June.
- ❖ **Heat wave conditions** in isolated/some places over West Uttar Pradesh on 11th & 12th; East Uttar Pradesh on 11th June.

**Red alert Areas**

- Very high likelihood of developing heat illness and heat stroke in all ages.
- Extreme care needed for vulnerable people.

**Orange alert Areas:**

- High temperature & increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work.
- High health concern for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure- keep cool. Avoid dehydration.
- Drink sufficient water- even if not thirsty.
- Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated.

**Yellow alert Areas:**

- Moderate temperature & heat is tolerable for general public but moderate health concern likely for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure.
- Wear lightweight, light colour, loose, cotton clothes.

**\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"**

**Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day**

**For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599**

**(Service to the nation since 1875)**



**Impact expected and action suggested due to isolated thunderstorm with lightning/gusty & Squally winds over**

- ✓ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** at isolated places over Madhya Maharashtra, Marathawada, Konkan & Goa during 12th-14th; Madhya Pradesh on 14th & 15th; Vidarbha, Chhattisgarh during 11th-13th, Bihar on 13th; Rajasthan during 14th-17th June.
- ✓ **Strong surface winds** (speed 50-60 kmph) over Tamil Nadu Puducherry & Karaikal, Kerala & Mahe, Coastal Andhra Pradesh & Yanam and Karnataka during 12th-15th June.

**Impact expected:**

- Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.
- Minor to Major damage to banana and papaya trees.
- Minor to major damage to power and communication lines due to breaking of branches.
- Strong wind/hail may damage plantation, horticulture and standing crops.
- Partial damage to vulnerable structures due to strong winds.
- Minor damage to kutcha houses/walls and huts.
- Loose objects may fly.

**Action suggested:**

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.



**Agromet advisories for various parts of the country**

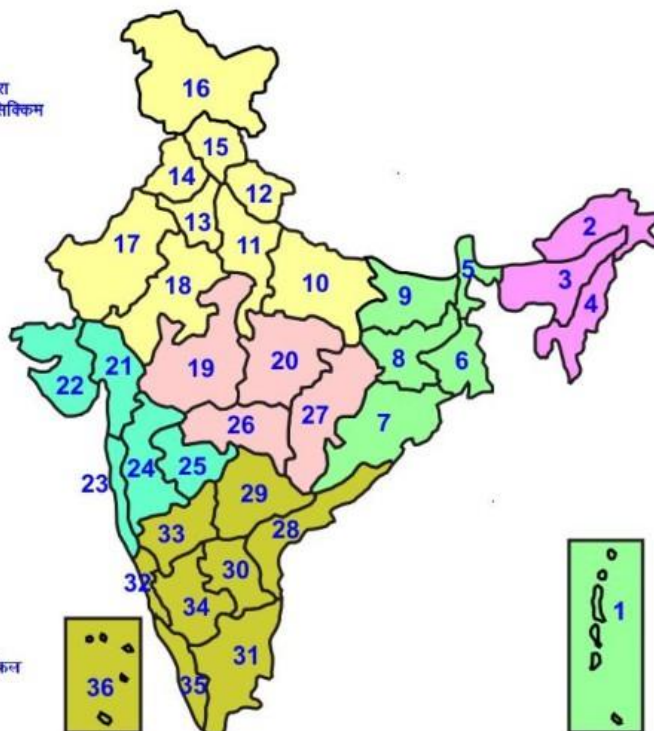
- ♦ Drain out excess water and ensure proper drainage in standing crops, vegetables and orchards in **Tamil Nadu, Kerala, Karnataka, Andhra Pradesh, Telangana, Konkan & Goa, Madhya Maharashtra, Marathwada, Chhattisgarh, Uttarakhand, Odisha, Andaman & Nicobar Islands** and **NMMT**.
- ♦ Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops properly and cover them to minimise the risk of displacement due to strong surface winds.
- ♦ Provide mechanical support and propping to horticultural crops and staking to vegetables to avoid lodging.
- ♦ In **Jammu & Kashmir, Himachal Pradesh, Punjab, Haryana, Uttar Pradesh, Rajasthan** and **Madhya Pradesh** apply light and frequent irrigation in the evening to protect standing crops, vegetables and orchards from the adverse effects of heat waves and high temperatures. Undertake mulching with crop residue, straw, polythene or soil to conserve soil moisture.
- ♦

**Livestock / Poultry / Fishery**

- ♦ Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- ♦ Store feed and fodder in a safe place to prevent spoilage.
- ♦ Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.
- ♦ To reduce the effect of heat wave/high temperature, cover the roof of poultry sheds with grass. Also, provide clean, hygienic and plenty of drinking water to animals.

## LEGENDS

- 1 अंडमान और निकोबार द्वीप समुह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 पश्चिम बंगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडीगढ़ एवं दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू एवं कश्मीर एवं लद्दाख
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात क्षेत्र
- 22 सौराष्ट्र एवं कच्छ
- 23 कोंकण एवं गोवा
- 24 मध्य महाराष्ट्र
- 25 मराठावाड़ा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं यनम
- 29 तेलंगाना
- 30 रायलसेमा
- 31 तमिलनाडु, पुदुचेरी एवं कराईकल
- 32 तटिय कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक दक्षिणी कर्नाटक
- 35 केरल एवं माहे
- 36 लक्षद्वीप



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic West Bengal
7. Orissa
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chd & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Marathwada
26. Vidharbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. Lakshadweep

## SPATIAL DISTRIBUTION (% of Stations reporting)


% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)


### Subdivision Colour


- NO WARNING
- WATCH (BE UPDATED)
- ALERT (BE PREPARED TO TAKE ACTION)
- WARNING (TAKE ACTION)


### Probabilistic Forecast


Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

-  Heavy Rain


 Thunderstorm & Lightning


 Strong surface winds

 Cold Wave


 Hot & Humid


 Very Heavy Rain


 Hailstorm

 Heat Wave


 Cold Day


 Extremely Heavy Rain


 Dust Storm


 Hot Day

 Ground Frost

 Heavy Snow

 Dust Raising Winds

 Warm Night

 Fog

\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)

## LEGENDS

### WARNING

<b>WARNING (TAKE ACTION)</b>
<b>ALERT (BE PREPARED)</b>
<b>WATCH (BE UPDATED)</b>
<b>NO WARNING (NO ACTION)</b>

### Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75



Heavy: 64.5 to 115.5 mm/cm \*  
Very Heavy: 115.6 to 204.4 mm/cm \*  
Extremely Heavy: > 204.4 mm/cm \*



When maximum temperature of a station reaches  $\geq 40^{\circ}\text{C}$  for plains and  $\geq 30^{\circ}\text{C}$  for hilly regions  
(a) Based on Departure from normal

Heat Wave: Maximum Temperature Departure from normal  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .  
Severe Heat Wave: Maximum Temperature Departure from normal  $\geq 6.5^{\circ}\text{C}$

(b). Based on Actual maximum temperature

Heat Wave: When actual maximum temperature  $\geq 45^{\circ}\text{C}$ .  
Severe Heat Wave: When actual maximum temperature  $\geq 47^{\circ}\text{C}$

(c). Criteria for heat wave for coastal stations

When maximum temperature departure is  $> 4.5^{\circ}\text{C}$  from normal. Heat Wave may be described provided maximum temperature  $\geq 37^{\circ}\text{C}$



When maximum temperature remains  $40^{\circ}\text{C}$

Warm Night: When minimum temperature departure  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .  
Severe Warm Night: When minimum temperature departure  $> 6.4^{\circ}\text{C}$ .



When minimum temperature of a station  $\leq 10^{\circ}\text{C}$  for plains and  $\leq 0^{\circ}\text{C}$  for hilly regions.

(a). Based on departure

Cold Wave: Minimum Temperature Departure from normal  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .  
Severe Cold Wave: Minimum Temperature Departure from normal  $\leq -6.5^{\circ}\text{C}$

(b) Based on actual Minimum Temperature (for Plains only)

Cold Wave: When Minimum Temperature is  $\leq 4.0^{\circ}\text{C}$   
Severe Cold Wave: When Minimum Temperature is  $\leq 2.0^{\circ}\text{C}$

(c) For Coastal Stations

When Minimum Temperature departure is  $\leq -4.5^{\circ}\text{C}$  & actual Minimum Temperature is  $\leq 15^{\circ}\text{C}$



When minimum temperature of a station  $\leq 10^{\circ}\text{C}$  for plains and  $\leq 0^{\circ}\text{C}$  for hilly regions  
Based on departure

Cold Day: Maximum Temperature Departure from normal  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .  
Severe Cold Day: Maximum Temperature Departure from normal  $\leq -6.5^{\circ}\text{C}$



Phenomenon of small droplets suspended in air and the horizontal visibility  $< 1\text{km}$

Moderate Fog: When the visibility between 500-200 metres  
Dense Fog: when the visibility between 50-200 metres  
Very Dense Fog: when the visibility  $< 50$  metres



Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)



An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.



Ice deposits on ground

Air temperature  $\leq 4^{\circ}\text{C}$  (over Plains)



A strong wind that rises suddenly, lasts for at least 1 minute.

Moderate: Wind speed 52-61 kmph  
Severe: Wind speed 62-87 kmph  
Very Severe: Wind speed  $> 87$  kmph



Effect of various waves in the sea over specific area

Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre  
High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre  
Phenomenal: Wind speed  $> 117$  kmph ( $> 63$  knots) & Wave height  $> 14$  metre



Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots)

Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)

Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64-89 knots)

Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90-119 knots)

Super Cyclone Storm: Wind speed  $> 220$  kmph ( $> 119$  knots)

\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)