

2026-06-09

Time of Issue: 08:01:00 hours IST  
(Morning)

## ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

### Significant Weather Features

#### Advance of Southwest Monsoon 2026:

- The **Northern Limit of Monsoon** continues to pass through 18°N/60°E, 18°N/65°E, 18°N/70°E, Harnai, Solapur, Kalaburagi, Nandyal, Chennai, 15.5°N/85°E, 22°N/90.0°E, Kailashahar, Lamding, North Lakhimpur and 29°N/95°E as on 9th June.
- **Conditions are favourable** for further advance of southwest monsoon into some more parts of central Arabian Sea, Maharashtra, Karnataka, Telangana, Andhra Pradesh, remaining parts of Tamil Nadu & southwest Bay of Bengal, some more parts of westcentral & northwest Bay of Bengal, some parts of Chhattisgarh, Odisha, West Bengal & Sikkim, remaining parts of Northeastern states during next 2-3 days.

#### Weather Forecast and Warnings:

##### Northwest India:

- **Isolated to Scattered** rainfall likely over Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 9th-14th June.
- **Isolated to Scattered** rainfall likely over Haryana Chandigarh & Delhi and Punjab during 11th-14th June; West Uttar Pradesh during 10th-14th June; East Uttar Pradesh and West Rajasthan during 10th-14th June; East Rajasthan during 9th-14th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 11th-12th June; Himachal Pradesh and Uttarakhand during 11th-12th June, with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph) likely over Himachal Pradesh during 13th-14th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Haryana Chandigarh & Delhi, Punjab and West Rajasthan during 13th-14th June; West Uttar Pradesh on 10th June; East Uttar Pradesh on 11th June; East Rajasthan on 9th June and during 13th-14th June.
- **Isolated thunderstorm & lightning** likely over East Rajasthan on 10th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over East Rajasthan, Haryana Chandigarh & Delhi, Punjab, West Rajasthan and West Uttar Pradesh during 11th-12th June; East Uttar Pradesh on 12th June.
- **Isolated Hailstorm** activity likely over Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 11th-12th June; Haryana Chandigarh & Delhi on 12th June.
- **Duststorm** activity likely over West Rajasthan during 11th-12th June.

##### Central India:

- **Isolated to Scattered** rainfall likely over Chhattisgarh, East Madhya Pradesh, Vidarbha and West Madhya Pradesh during 9th-14th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over East Madhya Pradesh, Vidarbha and West Madhya Pradesh during 9th-12th June; Chhattisgarh during 9th-10th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Chhattisgarh during 11th-12th June.

##### East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands and Sub-Himalayan West Bengal & Sikkim during 9th-14th June; Gangetic West Bengal during 10th-12th June; Jharkhand and Odisha during 12th-13th June; Bihar on 11th June.
- **Isolated to Scattered** rainfall likely over Gangetic West Bengal on 9th June and during 13th-14th June; Jharkhand and Odisha during 9th-11th June and on 14th June; Bihar during 9th-10th June and during 12th-14th June.

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June.

- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 9th-14th June; Sub-Himalayan West Bengal & Sikkim during 9th-12th June; Gangetic West Bengal on 9th June and during 12th-14th June; Jharkhand during 9th-10th June and during 13th-14th June; Bihar on 9th June; Odisha during 11th-14th June, with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph) likely over Bihar during 13th-14th June.
- Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 10th-13th June; Bihar during 10th-12th June; Odisha during 11th-12th June with isolated **very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim on 9th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Gangetic West Bengal during 10th-11th June; Jharkhand during 11th-12th June; Bihar during 10th-12th June; Odisha during 9th-10th June.

#### Northeast India:

- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 9th-14th June.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Assam & Meghalaya during 9th-10th June, with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph) likely over Assam & Meghalaya during 11th-12th June; Nagaland, Manipur, Mizoram & Tripura on 9th June.
- Isolated **thunderstorm & lightning** likely over Arunachal Pradesh during 9th-12th June; Nagaland, Manipur, Mizoram & Tripura during 10th-12th June.
- Isolated **heavy rainfall** likely over Nagaland, Manipur, Mizoram & Tripura during 9th-14th June with isolated **very heavy rainfall** also likely over Arunachal Pradesh during 9th-14th June; Assam & Meghalaya during 9th-14th June.

#### West India:

- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 9th-10th June.
- **Isolated to Scattered** rainfall likely over Konkan & Goa during 11th-14th June; Gujarat Region, Madhya Maharashtra and Marathwada during 9th-14th June; Saurashtra & Kutch during 12th-14th June.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Konkan & Goa, Madhya Maharashtra and Marathwada during 9th-10th June.
- Isolated **heavy rainfall** likely over Konkan & Goa and Madhya Maharashtra on 9th June.

#### South Peninsular India:

- **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal during 9th-14th June; North Interior Karnataka and Rayalaseema during 12th-14th June; South Interior Karnataka during 11th-14th June; Telangana during 12th-14th June.
- **Fairly Widespread to Widespread** rainfall likely over Coastal Karnataka, Kerala & Mahe and Lakshadweep during 9th-14th June; North Interior Karnataka and Rayalaseema during 9th-11th June; South Interior Karnataka during 9th-10th June; Telangana during 9th-11th June.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Coastal Andhra Pradesh & Yanam, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Telangana during 9th-12th June; North Interior Karnataka on 9th June, with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph) likely over South Interior Karnataka during 9th-12th June.
- Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 9th-11th June; Kerala & Mahe during 9th-12th June; Lakshadweep and Rayalaseema on 9th June; Coastal Karnataka on 9th June and during 12th-14th June; North Interior Karnataka during 12th-13th June; South Interior Karnataka on 9th June and during 11th-14th June; Telangana during 9th-10th June with isolated **very heavy rainfall** also likely over Coastal Karnataka during 10th-11th June; North Interior Karnataka during 9th-11th June; South Interior Karnataka on 10th June.

#### Forecast of maximum/day temperatures:

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- Gradual rise in maximum temperatures likely over Northwest India by 2-4°C till 11<sup>th</sup> June and Gradual fall by 3-5°C thereafter.
- Gradual rise in maximum temperatures likely over Central India by 2-3°C till 11<sup>th</sup> June and Gradual fall by 2-3°C thereafter.
- Gradual fall in maximum temperatures likely over Maharashtra by about 2°C till 9<sup>th</sup> June and no significant change thereafter.
- No significant change in maximum temperatures likely over the rest parts of country till 13<sup>th</sup> June 2026.

**Heat Wave, Hot & Humid weather conditions warning:**

- **Heat wave** conditions very likely in isolated pockets over East Madhya Pradesh during 10th-11th June; East Uttar Pradesh during 9th-10th June; Haryana Chandigarh & Delhi during 9h-11th June; Himachal Pradesh during 9th-10th June; Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 9th-10th June; Punjab during 9th-11th June; Vidarbha during 9th-10th June; West Madhya Pradesh during 10th-11th June; West Rajasthan during 9th-11th June; West Uttar Pradesh during 9th-11th June.
- **Hot and humid** weather conditions likely to prevail over Odisha during 9th-11th June; Konkan & Goa and Tamil Nadu, Puducherry & Karaikal on 9th June.

**Fisherman Warning:**

Fishermen are advised not to venture into the following areas during 09<sup>th</sup> June to 13<sup>th</sup> June, 2026:

- **Bay of Bengal:** Over Gulf of Mannar, Comorin, Sri Lanka coasts, south Bay of Bengal adjoining central Bay of Bengal and over Andaman Sea during 09<sup>th</sup> to 13<sup>th</sup> June.
- **Arabian Sea:** Along and off south Maharashtra, Goa, Karnataka, Kerala coasts, Lakshadweep area Maldives area adjoining eastcentral Arabian Sea during 09<sup>th</sup> to 11<sup>th</sup> June. Along and off Somalia coasts adjoining southwest & westcentral Arabian Sea during 09<sup>th</sup> to 13<sup>th</sup> June; along and off Oman coast, westcentral adjoining northwest Arabian Sea during 09<sup>th</sup> to 11<sup>th</sup> June. Some parts of eastcentral Arabian sea during 11<sup>th</sup> to 13<sup>th</sup> June.

### Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0530 hours IST of today): **at most places** over Kerala & Mahe, Telangana, Coastal Karnataka, Sub-himalayan West Bengal & Sikkim and Andaman & Nicobar Islands; **at many places** over Konkan & Goa, West Madhya Pradesh, West Uttar Pradesh, East Uttar Pradesh, Bihar, Jharkhand, East Madhya Pradesh, Odisha, Tamilnadu Puducherry & Karaikal, Gangetic West Bengal, North Interior Karnataka, South Interior Karnataka, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Rayalaseema and Lakshadweep; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Kerala & Mahe**: Padannakkad (dist Kasaragod) 9, Rars\_pilicode (dist Kasaragod) 8, Thennala (dist Malappuram) 7, Nilambur (dist Malappuram) 7, Urumi (dist Kozhikode) 6, Vadakara (dist Kozhikode) 6, Kanjirapuzha (dist Palakkad) 5, Thiruvananthapuram-city (dist Thiruvananthapuram), Cannanore (kannur) (dist Kannur) 2 Each, Kozhikode (calicut) (dist Kozhikode) 1; **Konkan & Goa**: Ratnagiri (dist Ratnagiri) 7; **Odisha**: Puri (dist Puri) 2, Bhubaneshwar (dist Khordha) 1; **Coastal Karnataka**: Mangalore (bajpe) AP (dist Dakshina Kannada) 2; **Tamilnadu Puducherry & Karaikal**: Kanyakumari (dist Kanyakumari) 1; Sub-himalayan West Bengal & Sikkim: Malda (dist Malda) 1; **Gangetic West Bengal**: Kolkata (dum Dum) AP (dist North 24 Parganas) 1; **North Interior Karnataka**: Gadag (dist Gadag) 1; **Telangana**: Ramgundam (dist Peddapalli) 1.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Heavy rain** at a few places over Kerala & Mahe and Konkan & Goa.

❖ **Minimum Temperature Departures (as on 08-06-2026): markedly above normal(> 5.1°C)** at few places over East Madhya Pradesh; at isolated places over Assam & Meghalaya, Odisha, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch and Konkan & Goa. **appreciably above normal(3.1°C to 5.0°C)** at few places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, East Uttar Pradesh and Chhattisgarh; at isolated places over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Odisha, Bihar, West Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa, Vidarbha, Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at most places over Lakshadweep; at few places over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Bihar, West Uttar Pradesh, West Rajasthan, Gujarat Region, Madhya Maharashtra, Vidarbha, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal; at isolated places over Assam & Meghalaya, Odisha, Jharkhand, East Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, East Rajasthan, East Madhya Pradesh, Saurashtra & Kutch, Marathwada, Chhattisgarh, Rayalaseema and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Sub Himalayan West Bengal & Sikkim, Jharkhand, East Uttar Pradesh, Punjab, Himachal Pradesh, West Rajasthan, East Rajasthan, East Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Coastal Karnataka; at most places over Arunachal Pradesh, Uttarakhand, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe; at few places over Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Odisha, Bihar, Haryana-Chandigarh-Delhi, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Marathwada, Vidarbha and Telangana; at isolated places over West Uttar Pradesh. **The lowest minimum temperature** of 17.5°C was reported at HALFLONG (ASSAM) over the Plains of India.

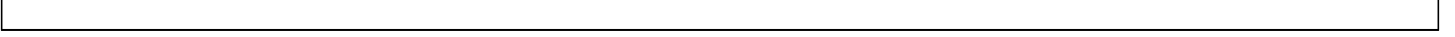
❖ **Maximum Temperature Departures (as on 08-06-2026): markedly above normal(> 5.1°C)** at few places over Arunachal Pradesh; at isolated places over West Uttar Pradesh, Haryana-Chandigarh-Delhi, Himachal Pradesh, East Madhya Pradesh, Chhattisgarh and Tamil Nadu, Puducherry & Karaikal. **appreciably above normal(3.1°C to 5.0°C)** at few places over Jharkhand and East Uttar Pradesh; at isolated places over Assam & Meghalaya, Gangetic West Bengal, Odisha, Bihar, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, West Madhya Pradesh, Konkan & Goa, Vidarbha and Coastal Andhra Pradesh & Yanam. **above normal(1.6°C to 3.0°C)** at many places over Punjab; at few places over Sub Himalayan West Bengal & Sikkim and Uttarakhand; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Gujarat Region, Saurashtra & Kutch, Madhya Maharashtra, Marathwada and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Andaman & Nicobar Islands, Telangana and South Interior Karnataka; at most places over Lakshadweep; at few places over East Rajasthan and Rayalaseema. **The highest maximum temperature** of 45.6°C was reported at SRIGANGANAGAR (RAJASTHAN).

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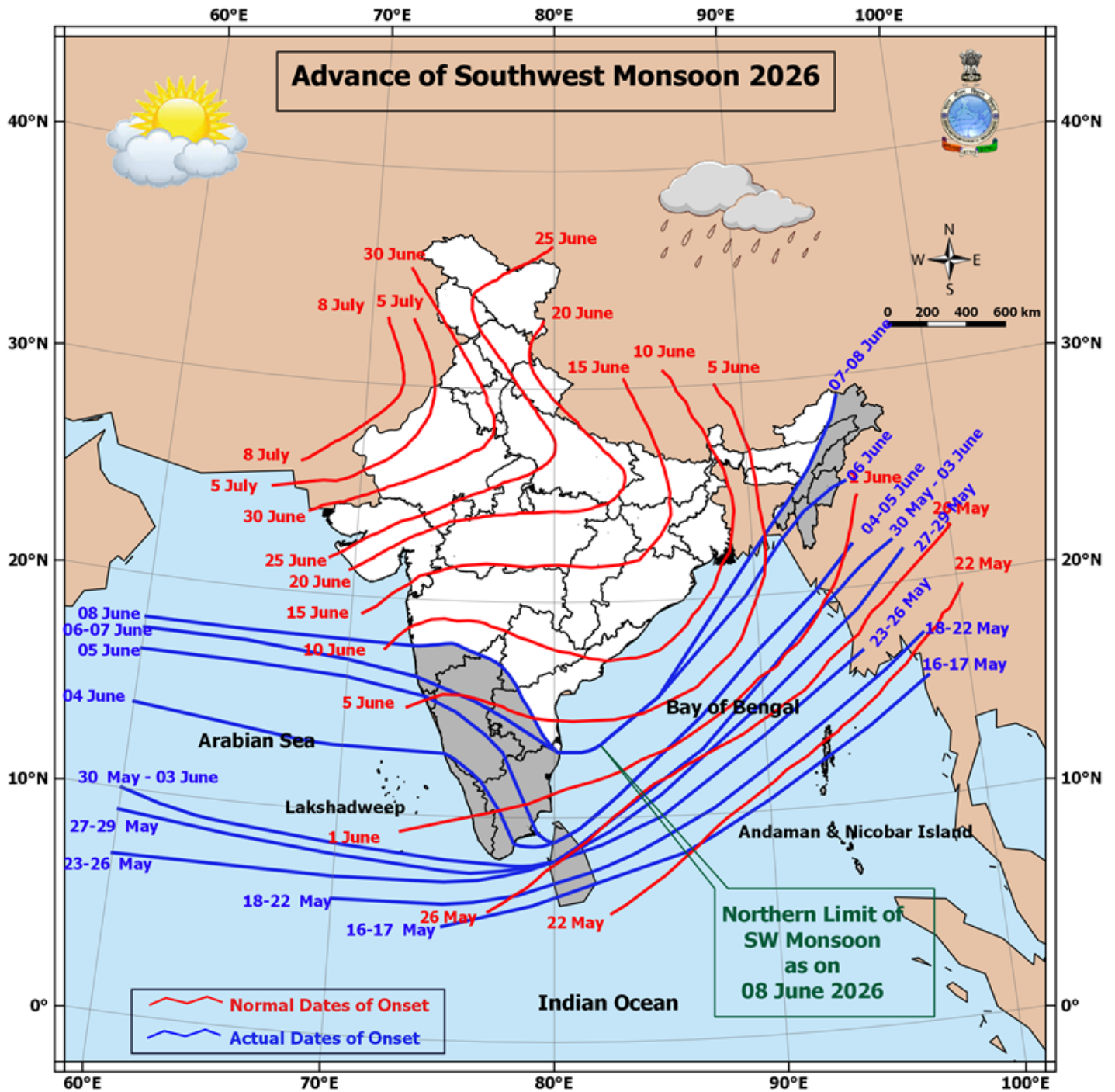
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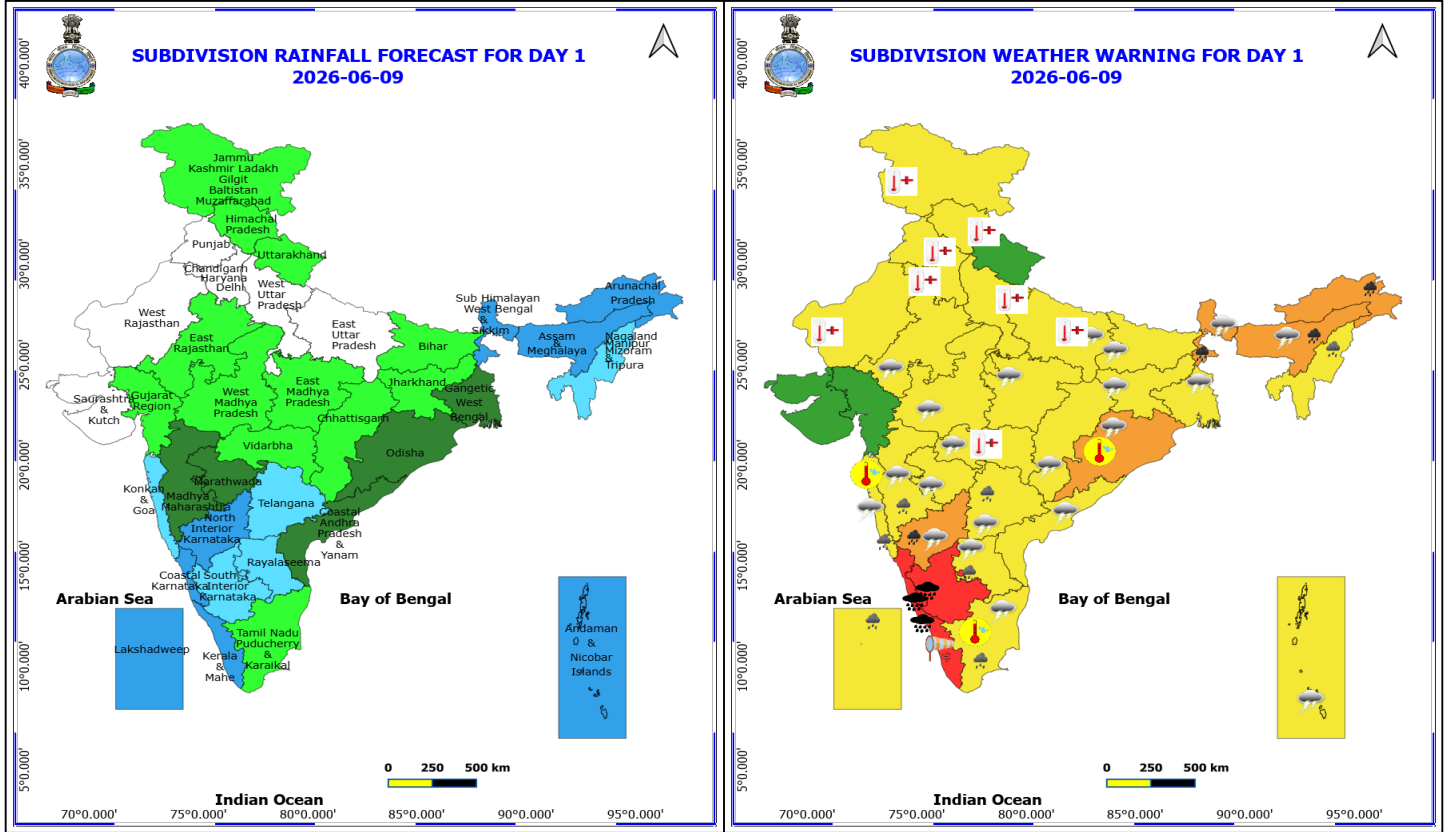
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**Meteorological Analysis (Based on 0530 hours IST)**

- The **Northern Limit of Monsoon** continues to pass through 18°N/60°E, 18°N/65°E, 18°N/70°E, Harnai, Solapur, Kalaburagi, Nandyal, Chennai, 15.5°N/85°E, 22°N/90.0°E, Kailashahar, Lamding, North Lakhimpur and 29°N/95°E as on 9th June.
- **Conditions are favourable** for further advance of southwest monsoon into some more parts of central Arabian Sea, Maharashtra, Karnataka, Telangana, Andhra Pradesh, remaining parts of Tamil Nadu & southwest Bay of Bengal, some more parts of westcentral & northwest Bay of Bengal, some parts of Chhattisgarh, Odisha, West Bengal & Sikkim, remaining parts of Northeastern states during next 2-3 days.
- The **upper air cyclonic circulation** over North Haryana & neighbourhood at 1.5 km above mean sea level persists.
- The **upper air cyclonic circulation** over East Uttar Pradesh & neighbourhood extending upto 1.5 km above mean sea level persists.
- The **trough** from the above cyclonic circulation over East Uttar Pradesh & neighbourhood to North Coastal Andhra Pradesh & Yanam across northeast Madhya Pradesh, Chhattisgarh and Odisha at 1.5 km above mean sea level persists.
- The **Shear Zone** roughly along Lat. 15°N over Indian region between 3.1 km to 4.5 km above mean sea level persists.
- The **trough** from east Bihar to northwest Bay of Bengal across Gangetic West Bengal at 1.5 km above mean sea level persists.
- The **upper air cyclonic circulation** over Eastcentral Arabian Sea off south Konkan coast at 5.8 km above mean sea level persists.
- A fresh Western Disturbance is likely to affect Western Himalayan region from 11<sup>th</sup> June.





**9 June (Day 1)**

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

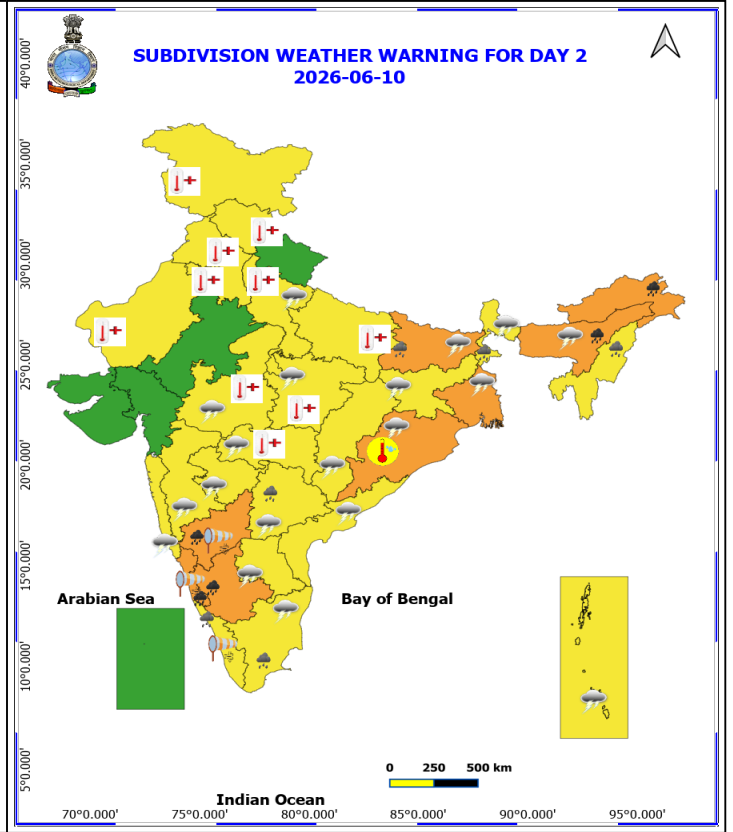
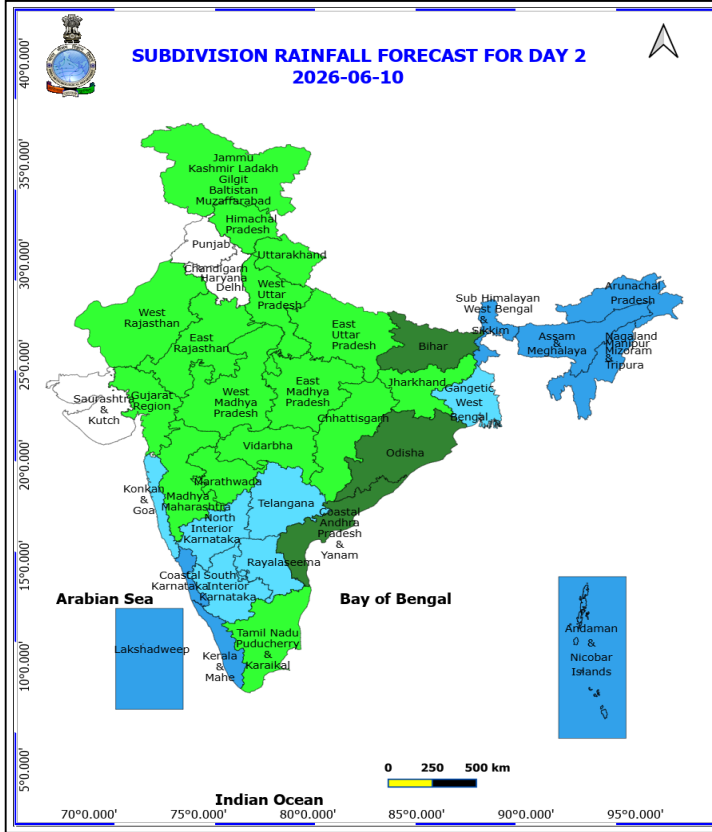
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❖ **Hot and Humid weather** very likely at isolated places over Konkan & Goa, Odisha and Tamil Nadu Puducherry & Karaikal.

❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along & off Somalia coast and adjoining southwest & westcentral Arabian Sea.

❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely along and off south Maharashtra, Goa, Karnataka & Kerala coasts, over Lakshadweep & adjoining eastcentral & southeast Arabian Sea and Maldives areas.

❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar, Comorin area, off north Tamil Nadu, Sri Lanka coasts, south Bay of Bengal, most parts of central Bay of Bengal, along and off Odisha & Gangetic west Bengal coasts adjoining northwest Bay of Bengal, south Myanmar adjoining northeast Bay of Bengal and Andaman Sea.



## 10 June (Day 2)

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

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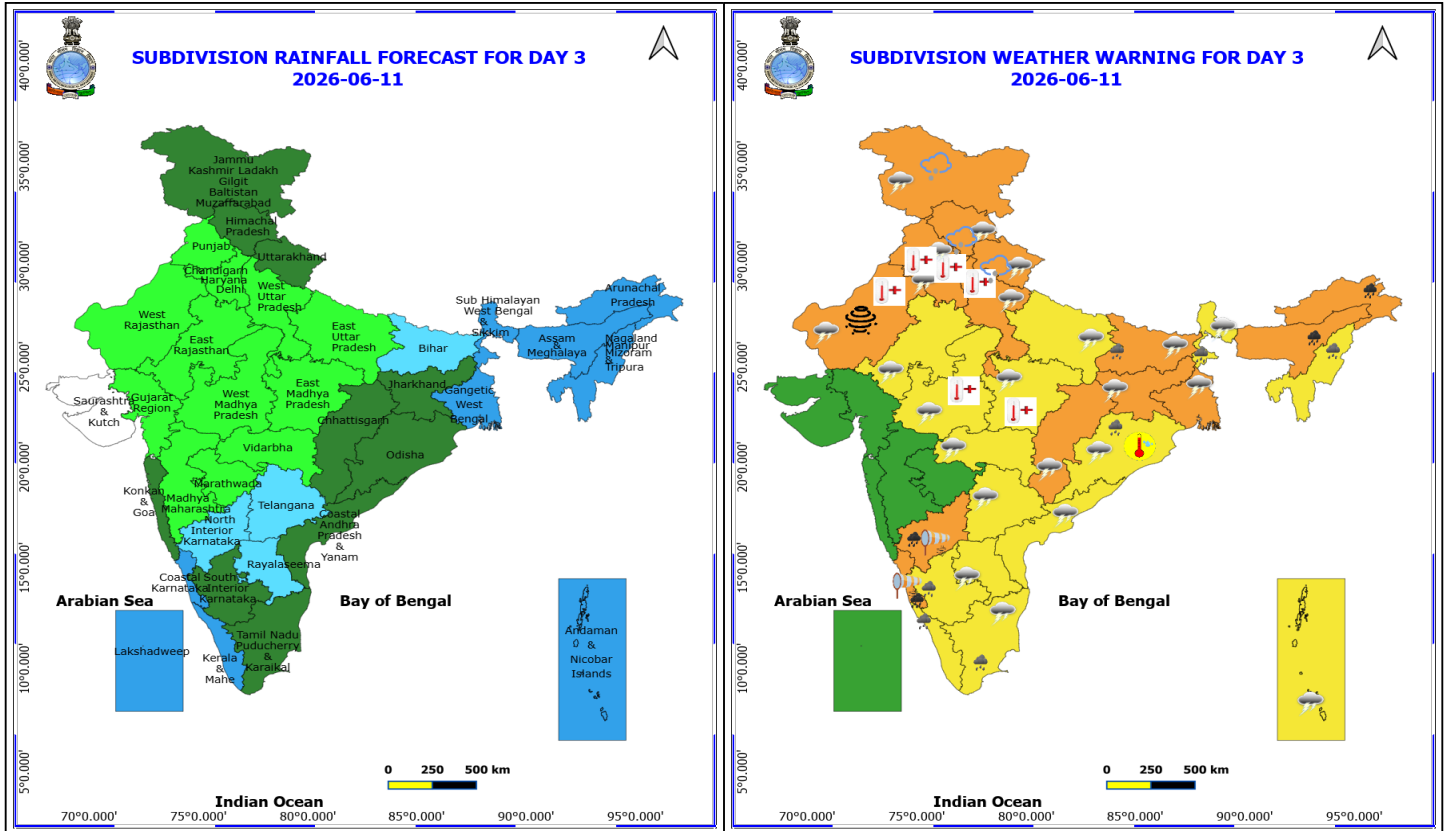
❖ **Hot and Humid weather** very likely at isolated places over Odisha.

❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along & off Somalia, Oman coasts, many parts of westcentral adjoining southwest & eastcentral Arabian Sea.

❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely along and off south Maharashtra, Goa, Karnataka & Kerala coasts, over Lakshadweep & adjoining eastcentral & southeast Arabian Sea and Maldives areas.

❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely along and off north Andhra Pradesh coasts adjoining sea areas

❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar, Comorin area, off north Tamil Nadu, Sri Lanka coasts, south Bay of Bengal, most parts of central Bay of Bengal; along and off Odisha & Gangetic west Bengal coasts adjoining northwest Bay of Bengal and Andaman Sea.



**11 June (Day 3)**

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

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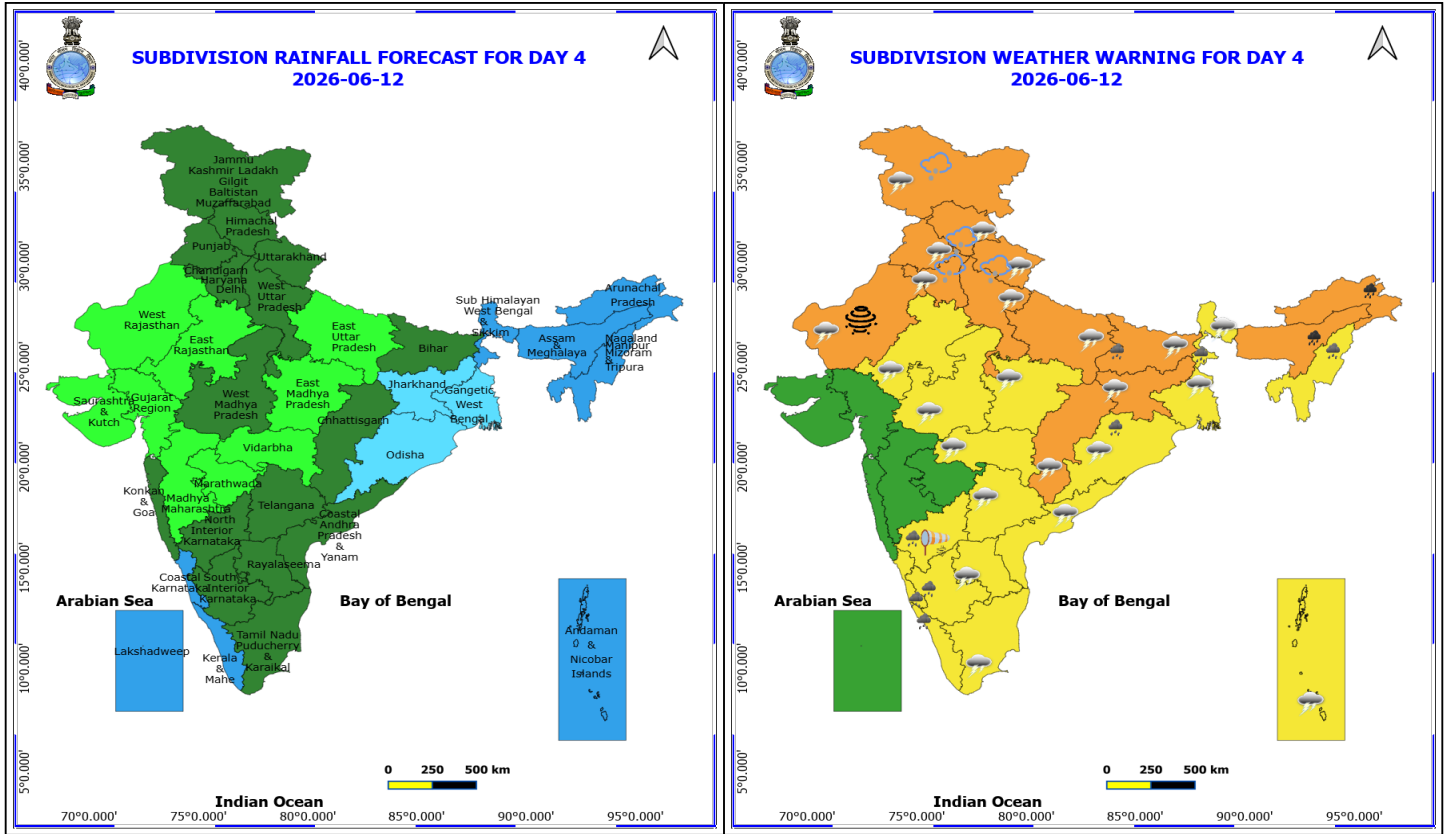
❖ **Heat Wave conditions** very likely at isolated places over Haryana, Chandigarh & Delhi, Madhya Pradesh, Punjab, West Rajasthan and West Uttar Pradesh.

❖ **Hot and Humid weather** very likely at isolated places over Odisha.

❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along & off Somalia, Oman coasts, many parts of westcentral adjoining southwest & eastcentral Arabian Sea.

❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely along and off south Maharashtra, Goa, Karnataka & Kerala coasts, over Lakshadweep & adjoining eastcentral & southeast Arabian Sea and Maldives areas.

❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph** gusting to 60 kmph is likely to prevail over Gulf of Mannar, Comorin area, off north Tamil Nadu, Sri Lanka coasts, south Bay of Bengal, most parts of central Bay of Bengal and Andaman Sea



**12 June (Day 4)**

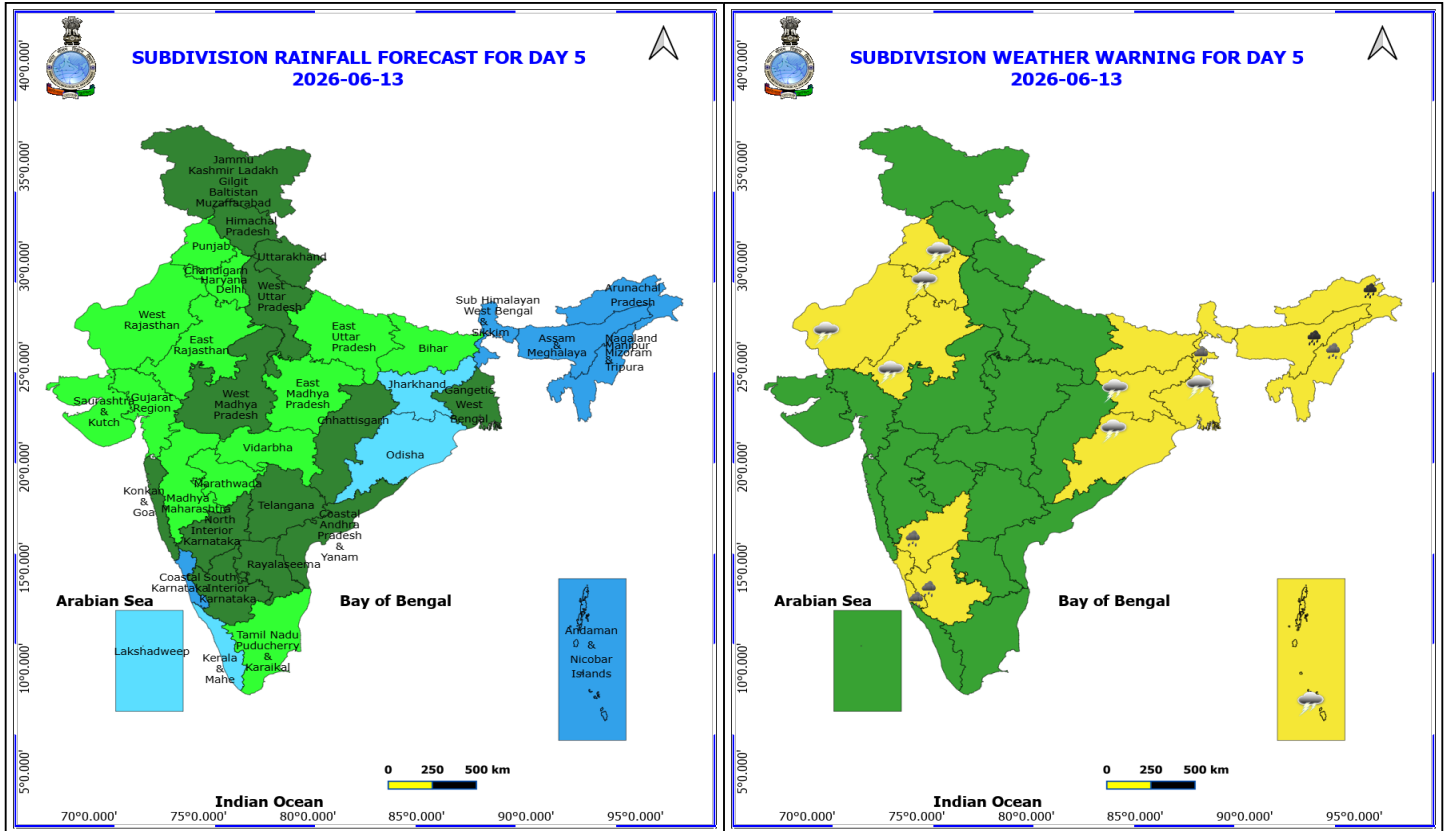
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Karnataka, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Odisha and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm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

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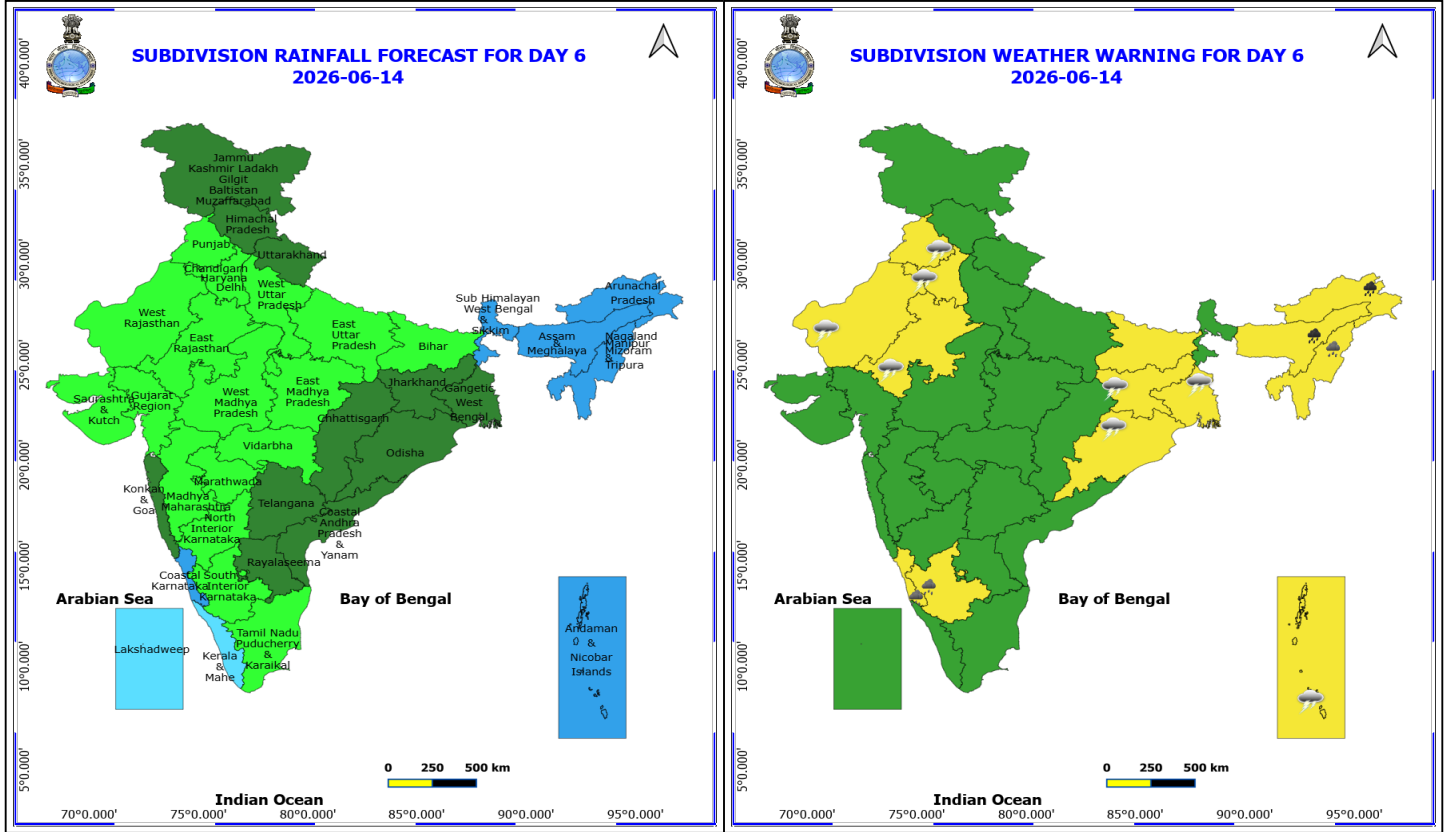
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along & off Somalia, Oman coasts, many parts of westcentral adjoining some parts of southwest & eastcentral Arabian Sea.
- ❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely along and off south Maharashtra, Goa, and Karnataka coasts adjoining eastcentral Arabian Sea.
- ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar, Comorin area, Sri Lanka coasts, south Bay of Bengal, some parts of eastcentral adjoining westcentral Bay of Bengal and Andaman Sea.



**13 June (Day 5)**

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
  - ❖ **Heavy Rainfall** likely at isolated places over Karnataka, Nagaland, Manipur, Mizoram and Tripura and Sub Himalayan West Bengal & Sikkim.
  - ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Jharkhand, Odisha, Punjab and Rajasthan.
  - ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Himachal Pradesh.
- 
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along & off Somalia, Oman coasts, many parts of westcentral adjoining some parts of southwest & eastcentral Arabian Sea.
  - ❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely along and off south Maharashtra, Goa coasts adjoining most parts of eastcentral Arabian Sea.
  - ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph** gusting to 60 kmph is likely to prevail over Gulf of Mannar, Comorin area, Sri Lanka coasts, south Bay of Bengal, most parts of eastcentral adjoining westcentral Bay of Bengal and Andaman Sea.

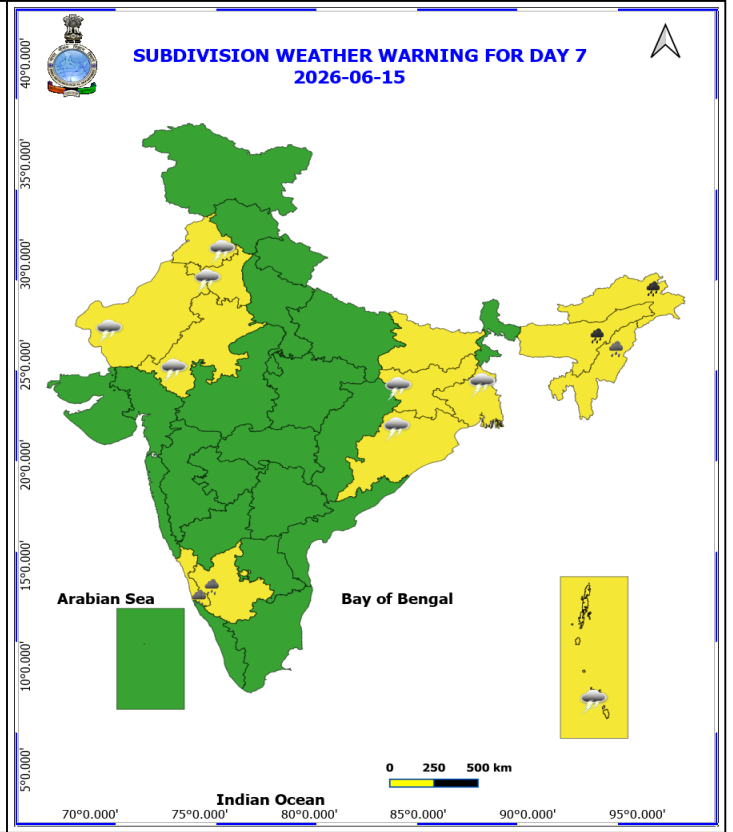
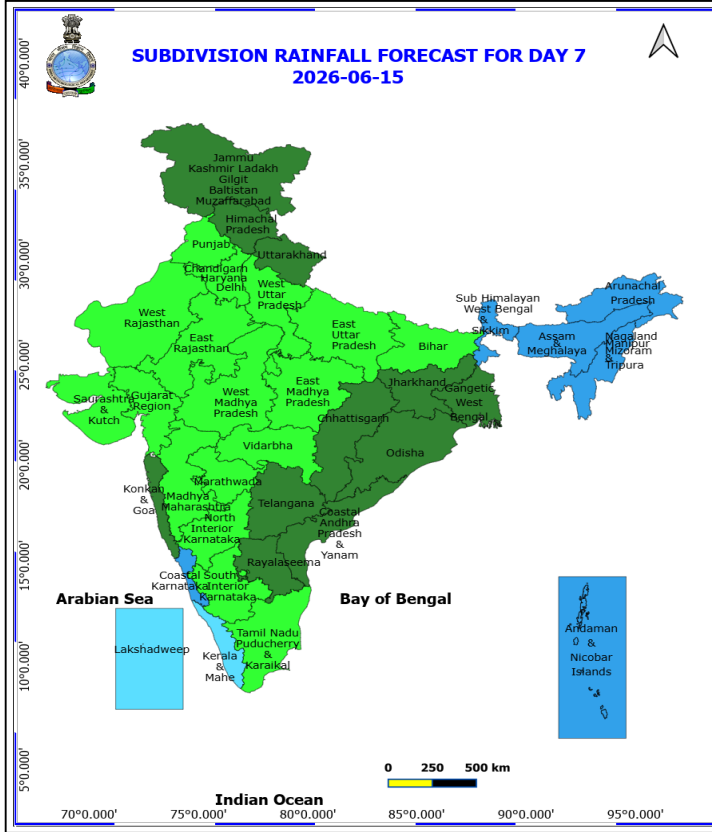
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**14 June (Day 6)**

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Heavy Rainfall** likely at isolated places over Coastal Karnataka, Nagaland, Manipur, Mizoram and Tripura and South Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Jharkhand, Odisha, Punjab and Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Himachal Pradesh.

**No Fishermen Warning**



**15 June (Day 7)**

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Heavy Rainfall** likely at isolated places over Coastal Karnataka, Nagaland, Manipur, Mizoram and Tripura and South Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Jharkhand, Odisha, Punjab and Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Himachal Pradesh.

**No Fishermen Warning**

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## Table-1

### 7 Days Rainfall Forecast

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

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

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Fig. 1: Maximum Temperatures Dated 2026-06-08

Fig. 2: Departure of Maximum Temp. Dated 2026-06-08

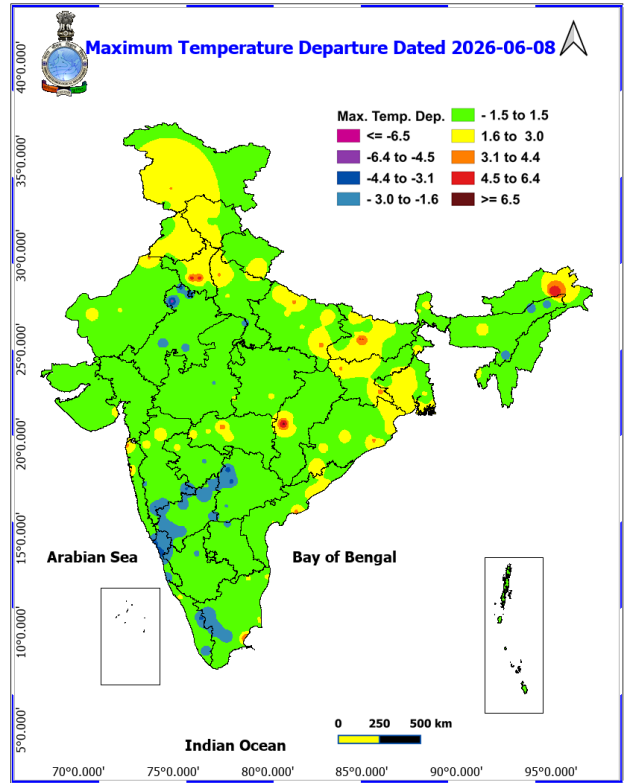
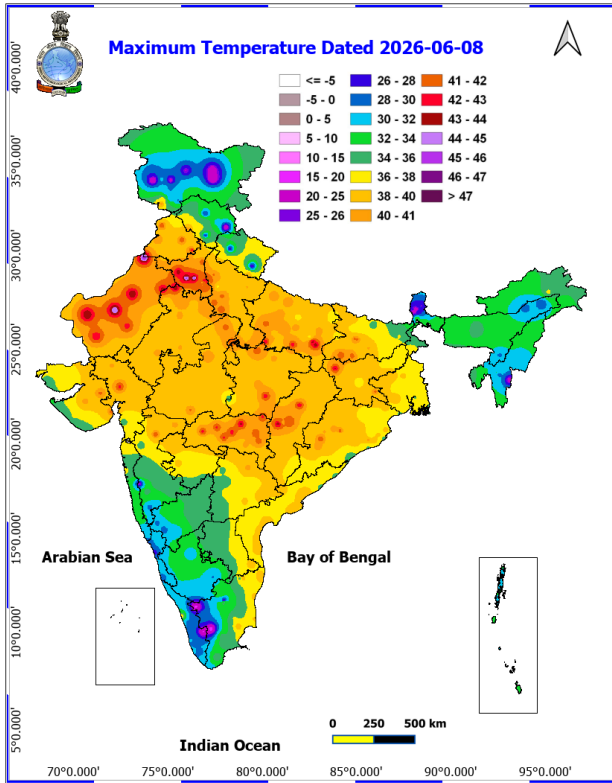
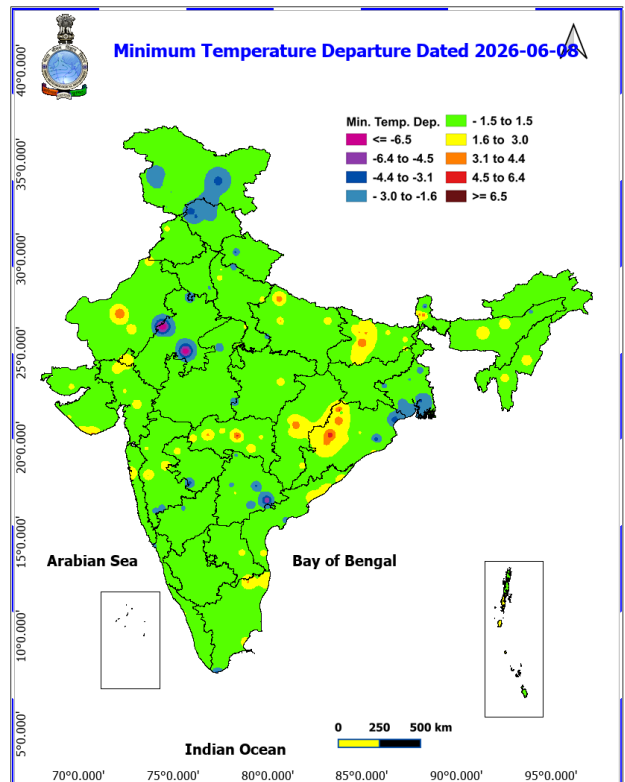
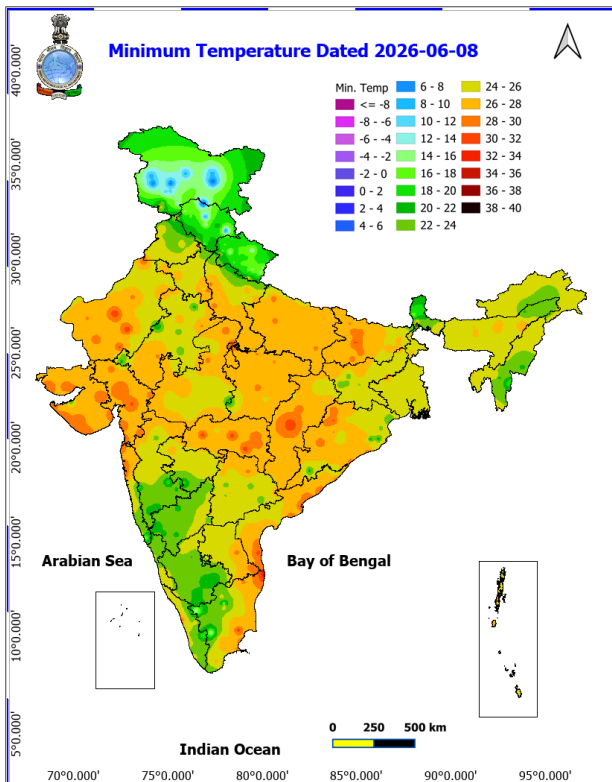
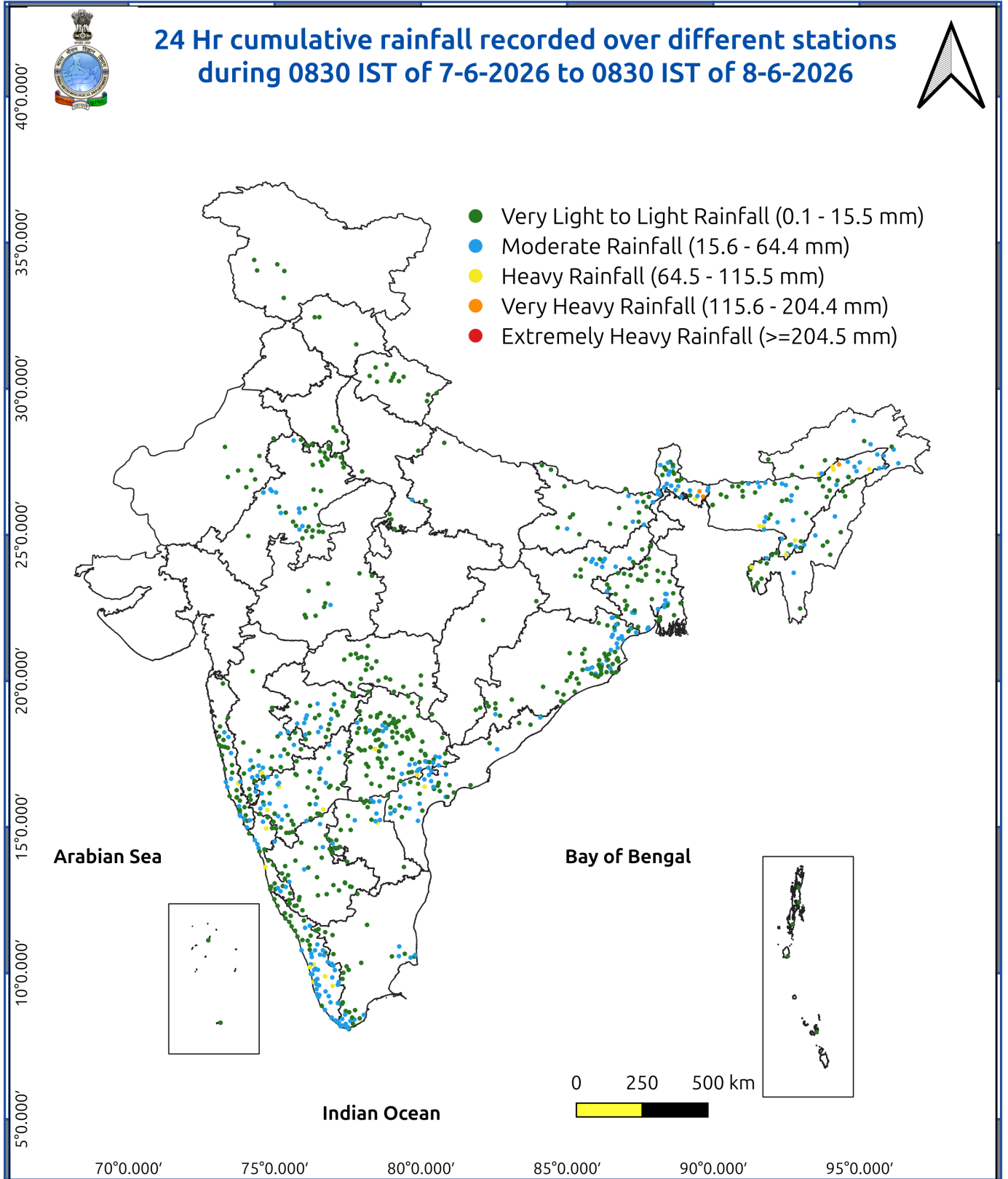


Fig. 3: Minimum Temperatures Dated 2026-06-08

Fig. 4: Departure of Minimum Temp. Dated 2026-06-08





## Impact and Actions

### Impact Expected & Action Suggested due to Extremely/ very heavy/ heavy rainfall over

- Isolated **heavy rainfall** likely over Nagaland, Manipur, Mizoram & Tripura during 9th-14th June with isolated **very heavy rainfall** also likely over Arunachal Pradesh during 9th-14th June; Assam & Meghalaya during 9th-14th June.
- Isolated **heavy rainfall** likely over Konkan & Goa and Madhya Maharashtra on 9th June.
- Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 9th-11th June; Kerala & Mahe during 9th-12th June; Lakshadweep and Rayalaseema on 9th June; Coastal Karnataka on 9th June and during 12th-14th June; North Interior Karnataka during 12th-13th June; South Interior Karnataka on 9th June and during 11th-14th June; Telangana during 9th-10th June with isolated **very heavy rainfall** also likely over Coastal Karnataka during 10th-11th June; North Interior Karnataka during 9th-11th June; South Interior Karnataka on 10th June.

### Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- 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 & Action Suggested due to

- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over East Rajasthan, Haryana Chandigarh & Delhi, Punjab, West Rajasthan and West Uttar Pradesh during 11th-12th June; East Uttar Pradesh on 12th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Chhattisgarh during 11th-12th June.
- Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 10th-13th June; Bihar during 10th-12th June; Odisha during 11th-12th June with isolated **very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim on 9th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Gangetic West Bengal during 10th-11th June; Jharkhand during 11th-12th June; Bihar during 10th-12th June; Odisha during 9th-10th June.
- Isolated **Hailstorm** activity likely over Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 11th-12th June; Haryana Chandigarh & Delhi on 12th 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.

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- 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.

#### Impact Expected & Action Suggested due to

- **Heat wave** conditions very likely in isolated pockets over East Madhya Pradesh during 10<sup>th</sup> -11<sup>th</sup> June; East Uttar Pradesh during 9<sup>th</sup> -10<sup>th</sup> June; Haryana Chandigarh & Delhi during 9<sup>th</sup> -11<sup>th</sup> June; Himachal Pradesh during 9<sup>th</sup> -10<sup>th</sup> June; Punjab during 9<sup>th</sup>-11<sup>th</sup> June; West Madhya Pradesh during 10<sup>th</sup> -11<sup>th</sup> June; West Rajasthan during 7<sup>th</sup> -11<sup>th</sup> June; West Uttar Pradesh during 9<sup>th</sup> -11<sup>th</sup> June.

#### 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.

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

##### Agromet advisories for likely impact of Heavy Rainfall

- In **Keralam**, drain out excess water from banana, coconut, cardamom, ginger, black pepper and vegetables fields. Provide support in banana and strengthen the pandals of vegetables.
- In **Tamil Nadu**, maintain proper drainage in rice, cumbu-sown areas and groundnut, sugarcane, banana and vegetable fields. Keep the harvested produce at safe places.
- In **Lakshadweep**, provide adequate drainage in standing crop fields to prevent waterlogging.
- In **Karnataka**, ensure proper drainage in paddy fields, areca nut groves, mango orchards and other standing crops. Keep the harvested produce in safe places. Provide staking to tomato plants. In **Coastal Karnataka**, postpone nursery seed sowing for paddy and other agricultural activities in standing crops.
- In **Sub Himalayan West Belgal**, In Hill Zone, ensure proper drainage in terraced fields and vegetable plots. In Terai Zone, harvest rice crop and vegetables as soon as possible and store in safe place.
- In **Arunachal Pradesh**, ensure proper drainage in vegetables, maize, rice nursery and other crop fields to prevent waterlogging. Immediately drain excess water from paddy nurseries after heavy showers to prevent seedling damage. Avoid transplanting during heavy rainfall. Cover newly sown nursery beds with polythene sheets or straw mulch.

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- In **Assam**, ensure proper drainage arrangements for quick removal of excess water from rice nurseries, jute, ginger, vegetables, banana, citrus and papaya fields. Postpone nursery sowing of *Sali* rice. Cover the rice nursery beds with thin polythene sheet.
- In **Tripura**, harvest Boro rice and immediately transfer the grains to a safer place to protect from the rain.
- In **Maharashtra**, undertake harvesting vegetables and fruits and keep the harvested produce at safer places. Provide mechanical support to orchards and staking in vegetables.

#### Agromet advisories for likely impact of High temperatures/ Heat Waves

- In **Punjab**, apply light and frequent irrigation to standing crops, fruit plants and vegetable crops.
- In **Haryana**, apply regular need based irrigation to the rice nursery to protect from the high temperature. Provide light and frequent irrigation to standing crops, fruit plants and vegetable crops.
- In **West Rajasthan**, provide light irrigation to maintain adequate moisture in standing crops and vegetables.
- In **Vidarbha**, provide light irrigation to maintain adequate moisture in standing crops and vegetables.

#### Agromet advisories for likely impact of Thunderstorm / Gusty Winds

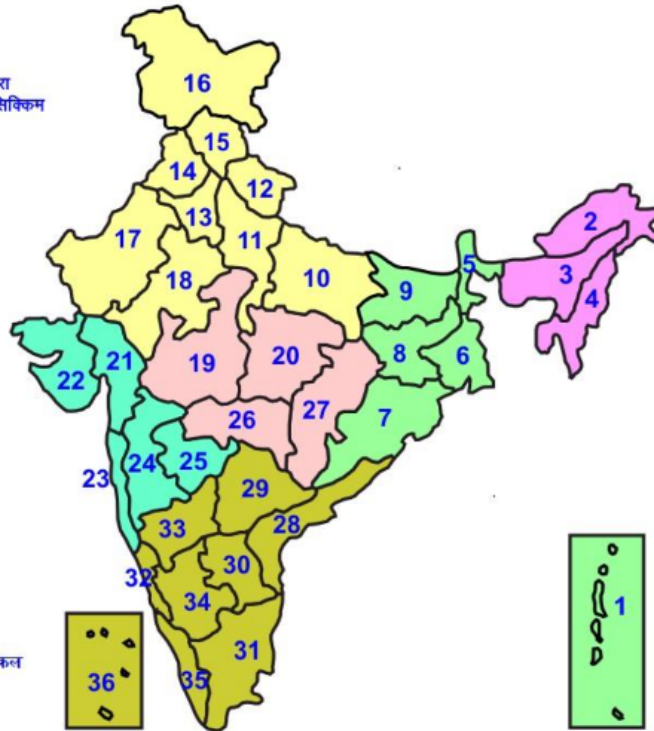
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

#### Livestock / Poultry / Fisheries

- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store the feed and fodder in a safe place to prevent spoilage.
- In regions with high temperatures and heat wave conditions, provide clean, cool drinking water to animals, and cover the roofs of poultry sheds with grass to reduce the adverse effect of heat.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

## 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 बांगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडिगढ़ 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 मराठावाडा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं यनम
- 29 तेलंगाना
- 30 रायलसीमा
- 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. Marathawada
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               | Very Heavy Rain | Extremely Heavy Rain | Heavy Snow         |
| Thunderstorm & Lightning | Hailstorm       | Dust Storm           | Dust Raising Winds |
| Strong surface winds     | Heat Wave       | Hot Day              | Warm Night         |
| Cold Wave                | Cold Day        | Ground Frost         | Fog                |
| Hot & Humid              |                 |                      |                    |

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

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## LEGENDS

### WARNING

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

### 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 atleast 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)

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