

2026-06-13

Time of Issue: 08:00:00 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, Hyderabad, Bhadradi Kothagudem, Kalingapatnam, Paradeep, Baripada, Purulia, Dhanbad, Muzaffarpur and 28.3°N/83°E.
- **Conditions are favourable** for further advance of southwest monsoon into some more parts of central Arabian Sea, Maharashtra, remaining parts of Karnataka, Telangana, Andhra Pradesh, West Bengal & westcentral Bay of Bengal, some more parts of Odisha, Jharkhand & Bihar, and some parts of Chhattisgarh during next 2-3 days.

Weather Forecast and Warnings:

Northwest India:

- **Fairly Widespread to Widespread** rainfall likely over Himachal Pradesh and Uttarakhand on 13th June.
- **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 13th-18th June; Himachal Pradesh and Uttarakhand during 14th-18th June.
- **Isolated to Scattered** rainfall likely over Haryana Chandigarh & Delhi, Punjab and West Uttar Pradesh during 13th-18th June; East Uttar Pradesh on 13th June and on 18th June; West Rajasthan during 13th-17th June; East Rajasthan during 13th-18th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 13th-14th June; Himachal Pradesh during 13th-16th June; Uttarakhand during 13th-15th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Haryana Chandigarh & Delhi and Punjab during 13th-14th June; East Uttar Pradesh and West Uttar Pradesh on 13th June; West Rajasthan during 14th-17th June; East Rajasthan during 14th-18th June.
- **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely over East Rajasthan and West Rajasthan on 13th June.
- **Duststorm** activity likely over West Rajasthan on 13th June.

Central India:

- **Isolated to Scattered** rainfall likely over East Madhya Pradesh, Vidarbha and West Madhya Pradesh during 13th-18th June; Chhattisgarh during 13th-18th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over East Madhya Pradesh and West Madhya Pradesh during 14th-16th June; Vidarbha on 13th June and on 16th June; Chhattisgarh during 13th-16th June, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Vidarbha during 14th-15th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over East Madhya Pradesh and West Madhya Pradesh on 13th June.

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands and Sub-Himalayan West Bengal & Sikkim during 13th-18th June; Gangetic West Bengal during 13th-15th June; Jharkhand and Odisha on 13th June; Bihar on 13th June.
- **Isolated to Scattered** rainfall likely over Gangetic West Bengal during 16th-18th June; Jharkhand and Odisha during 14th-18th June; Bihar during 14th-18th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 13th-18th June; Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim during 13th-16th June; Jharkhand during 14th-18th June; Bihar on 14th June; Odisha during

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14th-16th June, with **gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Bihar during 15th-17th June.

- **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 13th-15th June and on 18th June; Bihar on 13th June; Odisha during 13th-14th June with **isolated very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim during 16th-17th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Jharkhand and Odisha on 13th June; Bihar on 13th June and on 18th June.

Northeast India:

- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 13th-18th June.
- **Isolated thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 13th-18th June.
- **Isolated heavy rainfall** likely over Arunachal Pradesh during 13th-16th June; Assam & Meghalaya during 14th-16th June; Nagaland, Manipur, Mizoram & Tripura during 13th-14th June with **isolated very heavy rainfall** also likely over Arunachal Pradesh during 17th-18th June; Assam & Meghalaya on 13th June and during 17th-18th June.
- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 13th-18th June.
- **Isolated thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 13th-18th June.
- **Isolated heavy rainfall likely** over Arunachal Pradesh during 13th-16th June; Assam & Meghalaya during 14th-16th June; Nagaland, Manipur, Mizoram & Tripura during 13th-14th June with **isolated very heavy rainfall** also likely over Arunachal Pradesh during 17th-18th June; Assam & Meghalaya on 13th June and during 17th-18th June.

West India:

- **Isolated to Scattered** rainfall likely over Gujarat Region, Konkan & Goa, Madhya Maharashtra and Marathawada during 13th-18th June; Saurashtra & Kutch during 16th-18th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Konkan & Goa, Madhya Maharashtra and Marathawada on 13th June.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Telangana during 13th-18th June; Lakshadweep during 16th-18th June; North Interior Karnataka during 13th-16th June.
- **Fairly Widespread to Widespread** rainfall likely over Coastal Karnataka and Kerala & Mahe during 13th-18th June; Lakshadweep during 13th-15th June; North Interior Karnataka during 17th-18th June; South Interior Karnataka during 13th-18th June
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 13th-15th June; Kerala & Mahe and Lakshadweep on 13th June; **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over North Interior Karnataka during 13th-16th June; South Interior Karnataka during 13th-15th June; Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana during 13th-16th June.
- **Isolated heavy rainfall** likely over Kerala & Mahe during 13th-14th June.

Forecast of maximum/day temperatures:

- Gradual fall in maximum temperatures likely over Northwest India by 2-4°C till 13th and thereafter gradual rise by 3-5°C during 14th -18th June.
- No significant change in maximum temperatures likely over the rest parts of country till 18th June 2026.

Heat Wave, Hot & Humid weather conditions warning:

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- **Heat wave** conditions very likely in isolated pockets over Marathawada on 13th June; Telangana on 13th June; Vidarbha during 13th-16th June; West Rajasthan on 13th June.
- **Hot and humid** weather conditions likely to prevail over Konkan & Goa and Madhya Maharashtra on 13th June.
- **Warm Night** conditions very likely to prevail in isolated pockets over Vidarbha on 13th June.

Fisherman Warning:

Fishermen are advised not to venture into the following areas during 13th June to 17th June, 2026:

- **Bay of Bengal:** Over Gulf of Mannar, Comorin, Sri Lanka coasts, over southwest Bay of Bengal adjoining southeast Bay of Bengal, Andaman Sea during 13th to 17th June; eastcentral adjoining west central Bay of Bengal during 13th to 14th June.
- **Arabian Sea:** Along and off Karnataka, Kerala coasts, Lakshadweep area Maldives area adjoining eastcentral Arabian Sea during 13th to 14th June. Along and off Somalia & Oman coast adjoining some parts of southwest & westcentral & northwest Arabian Sea during 13th to 15th June, along and off Somalia adjoining southwest Arabian Sea and Oman coasts adjoining northwest & westcentral Arabian sea during 15th to 17th June.

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0530 hours IST of today): **at most places** over Nagaland, Manipur, Mizoram & Tripura, Punjab, Uttarakhand, Lakshadweep, Coastal Karnataka, Andaman & Nicobar Islands, South Interior Karnataka, Vidarbha, Kerala & Mahe, Assam & Meghalaya, Rayalaseema and Himachal Pradesh; **at many places** over Haryana Chandigarh & Delhi, Chhattisgarh, Konkan & Goa, Telangana, Coastal Andhra Pradesh & Yanam, Tamilnadu Puducherry & Karaikal, East Madhya Pradesh, West Rajasthan, Jammu & Kashmir and Ladakh, East Rajasthan, West Madhya Pradesh, Odisha and West Uttar Pradesh; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Nagaland, Manipur, Mizoram & Tripura:** Kailashahar AP (dist Unakoti) 4, Imphal (tulihal) AP (dist Imphal East) 3, Aizawl-lengpui (dist Mamit) 1; **Coastal Karnataka:** Mangalore (bajpe) AP (dist Dakshina Kannada) 4; **Coastal Andhra Pradesh & Yanam:** Nellore (dist Sri Potti Sriramulu Nellore) 4, Kalingapatnam (dist Srikakulam) 1; **Andaman & Nicobar Islands:** Port Blair (dist South Andaman) 3; **South Interior Karnataka:** Bengaluru HAL (dist) 3, Bengaluru (dist Bengaluru Urban) 2, Madikeri (mercara) (dist Kodagu) 1; **Tamilnadu Puducherry & Karaikal:** Adiramapatnam (dist Thanjavur) 3, Kanyakumari (dist Kanyakumari) 2, Salem (dist Salem), Cuddalore (dist Cuddalore) 1 Each; **Vidarbha:** Nagpur-sonegaon Airport (dist Nagpur) 3, Akola (dist Akola) 1; **Kerala & Mahe:** Thiruvananthapuram-city (dist Thiruvananthapuram), Cannanore (kannur) (dist Kannur) 2 Each, Kozhikode (calicut) (dist Kozhikode), Kochi (cochin) (dist Ernakulam) 1 Each; **Telangana:** Nizamabad (dist Nizamabad), Hyderabad (dist Hyderabad) 2 Each; **East Madhya Pradesh:** Sagar (dist Sagar) 2, Jabalpur (dist Jabalpur) 1; **West Rajasthan:** Churu (dist Churu) 2; Jammu & Kashmir And Ladakh: Pahalgam (dist Anantnag) 1; **Rayalaseema:** Anantapur (dist Anantapuramu) 1; **East Rajasthan:** Jaipur (dist Jaipur) 1; **West Madhya Pradesh:** Gwalior (dist Gwalior) 1; **Himachal Pradesh:** Sundernagar (dist Mandi) 1; **Odisha:** Chandbali (dist Bhadrak), Keonjhar (dist Kendujhar) 1 Each; **Assam & Meghalaya:** Dibrugarh (dist Dibrugarh), Silchar (dist Cachar), Shillong, Barapani/shillong (dist East Khasi Hills) 1 Each; **Lakshadweep:** Minicoy (dist Lakshadweep) 1; Haryana Chandigarh & Delhi: New Delhi (safdarjung) (dist South West Delhi) 1.

❖ **Heat wave conditions (from 0830 hours IST of yesterday to 0530 hours IST of today):** Heat wave condition prevailed at few places over Vidarbha.

❖ **Minimum Temperature Departures (as on 12-06-2026):** **markedly above normal(> 5.1°C)** at few places over East Rajasthan and East Madhya Pradesh; at isolated places over Assam & Meghalaya, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch and Vidarbha. **appreciably above normal(3.1°C to 5.0°C)** at many places over Konkan & Goa; at few places over Assam & Meghalaya, West Rajasthan, Marathwada, Vidarbha and Lakshadweep; at isolated places over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Odisha, Bihar, West Uttar Pradesh, West Madhya Pradesh, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Gujarat Region and Madhya Maharashtra; at few places over Sub Himalayan West Bengal & Sikkim, West Madhya Pradesh, Marathwada, Coastal Andhra Pradesh & Yanam, Coastal Karnataka, North Interior Karnataka and Lakshadweep; at isolated places over Odisha, East Uttar Pradesh, West Rajasthan, East Rajasthan, East Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa, Telangana, Rayalaseema and Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over Andaman & Nicobar Islands, Jharkhand, Saurashtra & Kutch, Vidarbha, Coastal Andhra Pradesh & Yanam, Telangana, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka and North Interior Karnataka; at most places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, South Interior Karnataka and Kerala & Mahe; at few places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Odisha, Bihar, East Uttar Pradesh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, East Rajasthan, Madhya Maharashtra, Marathwada, Chhattisgarh, Rayalaseema and Lakshadweep; at isolated places over Gangetic West Bengal, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region and Konkan & Goa. **The lowest minimum temperature** of 19.0°C was reported at HALFLONG (ASSAM), and JEUR (MAHARASHTRA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 12-06-2026):** **markedly above normal(> 5.1°C)** at isolated places over Odisha, East Rajasthan, East Madhya Pradesh, Madhya Maharashtra, Vidarbha, Chhattisgarh and Telangana. **appreciably above normal(3.1°C to 5.0°C)** at many places over Konkan & Goa and Marathwada; at few places over North Interior Karnataka; at isolated places over Assam & Meghalaya, West Uttar Pradesh, West Madhya Pradesh,

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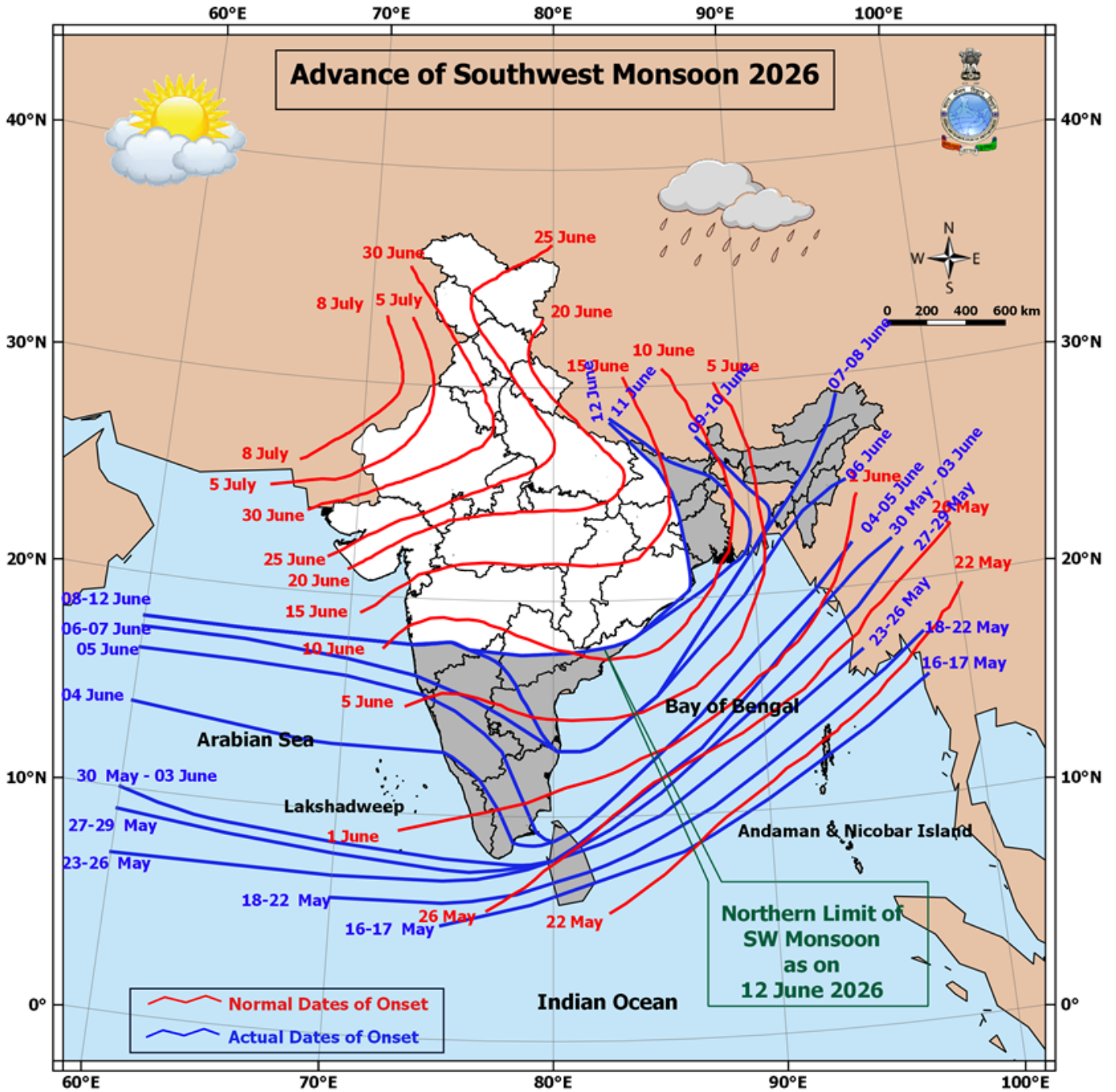
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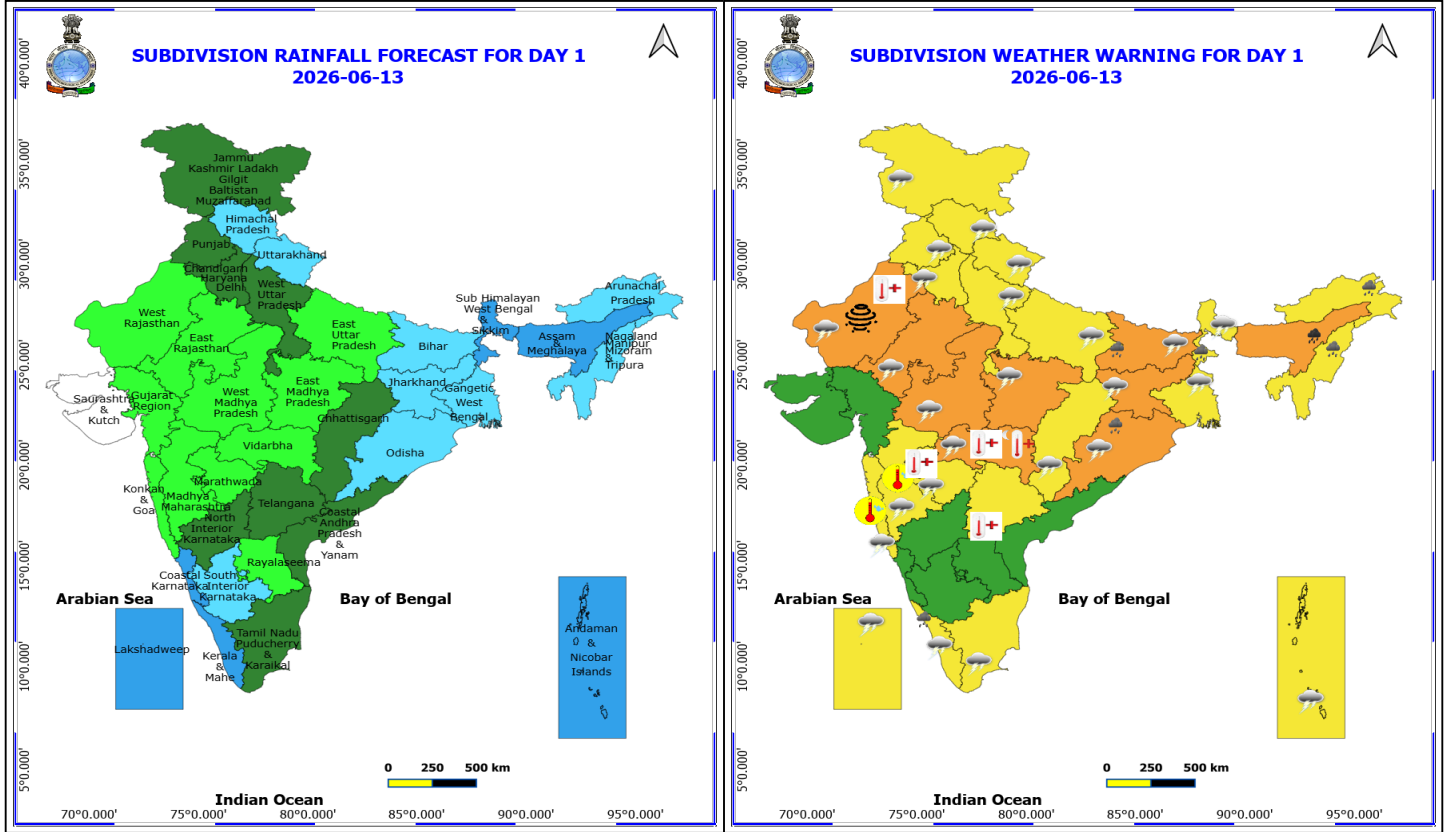
Gujarat Region, Saurashtra & Kutch, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Coastal Karnataka; at most places over Arunachal Pradesh; at few places over South Interior Karnataka; at isolated places over Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, East Uttar Pradesh, West Rajasthan, Rayalaseema and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Nagaland, Manipur, Mizoram & Tripura; at most places over Lakshadweep; at few places over Andaman & Nicobar Islands, Jharkhand and Bihar; at isolated places over Himachal Pradesh. **The highest maximum temperature of 44.2°C** was reported at **JAISALMER(RAJASTHAN)**

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, Hyderabad, Bhadradi Kothagudem, Kalingapatnam, Paradeep, Baripada, Purulia, Dhanbad, Muzaffarpur and 28.3°N/83°E as on 12th June, 2026.
- **Conditions are favourable** for further advance of southwest monsoon into some more parts of central Arabian Sea, Maharashtra, remaining parts of Karnataka, Telangana, Andhra Pradesh, West Bengal & westcentral Bay of Bengal, some more parts of Odisha, Jharkhand & Bihar, and some parts of Chhattisgarh during next 2-3 days.
- The **Western Disturbance** as **cyclonic circulation** over north Haryana & neighbourhood at 3.1 km above mean sea level with a trough aloft in middle tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 78°E to the north of Lat. 28°N persists.
- The **upper air cyclonic circulation** over central Pakistan adjoining Northwest Rajasthan extending upto 1.5 km above mean sea level persists.
- The **seasonal trough** at mean sea level from the above **cyclonic circulation** over central Pakistan adjoining Northwest Rajasthan to south Gangetic West Bengal across north Rajasthan, north Madhya Pradesh, north Chhattisgarh & Jharkhand persists.
- The **trough** from central Pakistan adjoining Northwest Rajasthan to northwest Bay of Bengal across north Madhya Pradesh, north Chhattisgarh, Jharkhand, Gangetic West Bengal at 1.5 km above mean sea level persists.
- The **upper air cyclonic circulation** over Southeast Rajasthan & neighbourhood at 0.9 km above mean sea level persists.
- The **upper air cyclonic circulation** over north coastal Tamil Nadu at 3.1 km above mean sea level persists.
- The **shear zone** around 11°N across the above cyclonic circulation over north coastal Tamil Nadu at 3.1 km above mean sea level persists.
- The **upper air cyclonic circulation** over south Coastal Andhra Pradesh & neighbourhood at 5.8 km above mean sea level persists.
- The **upper air cyclonic circulation** over central Assam at 3.1 km above mean sea level has become less marked.
- The **upper air cyclonic circulation** over coastal Bangladesh & adjoining north Bay of Bengal extending upto 3.1 km above mean sea level has become less marked.



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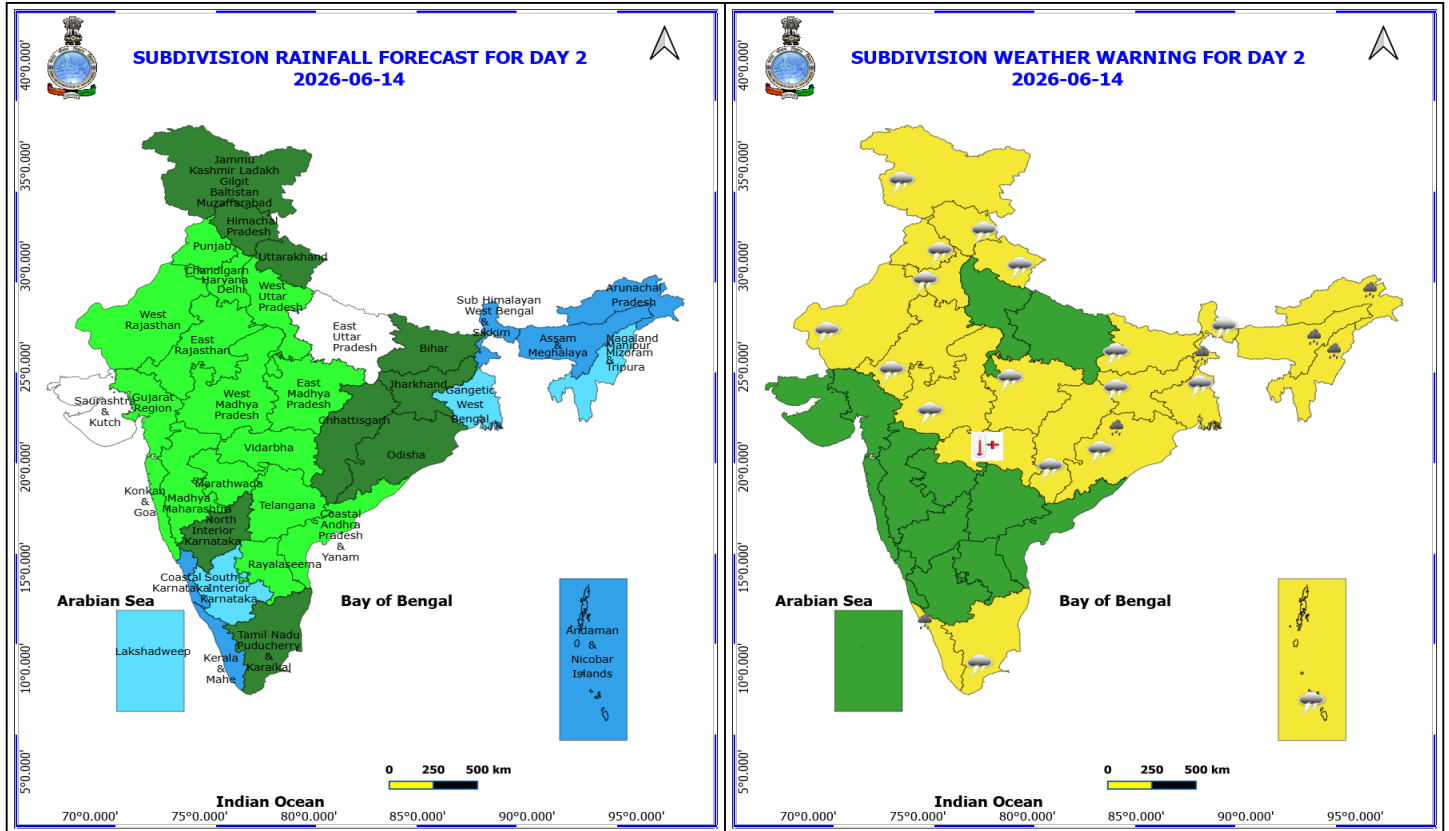


13 June (Day 1)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Assam & Meghalaya.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Bihar, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Odisha and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thundersquall with wind speed reaching(60-70kmph) gusting to 80 kmph** very likely at isolated places over Rajasthan.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Bihar, Jharkhand, Madhya Pradesh and Odisha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Chhattisgarh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Konkan & Goa, Lakshadweep, Maharashtra, Punjab, Tamil Nadu Puducherry & Karaikal, Uttar Pradesh, Uttarakhand and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Interior Karnataka and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Dust Storm** very likely at isolated places over West Rajasthan.
- ❖ **Heat Wave conditions** very likely at isolated places over Marathwada, Telangana, Vidarbha and West Rajasthan.

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- ❖ **Hot and Humid weather** very likely at isolated places over Konkan & Goa and Madhya Maharashtra.
 - ❖ **Warm Night conditions** very likely at isolated places over Vidarbha.
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- ❖ **Arabian Sea: Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along & off Somalia & Oman coasts, some parts of westcentral adjoining southwest Arabian Sea.
 - ❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely over along and off Karnataka, Kerala coasts, over Lakshadweep area adjoining parts of eastcentral 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, along and off Sri Lanka coasts, south Bay of Bengal, eastcentral adjoining westcentral Bay of Bengal, along and off Odisha coasts and Andaman Sea.

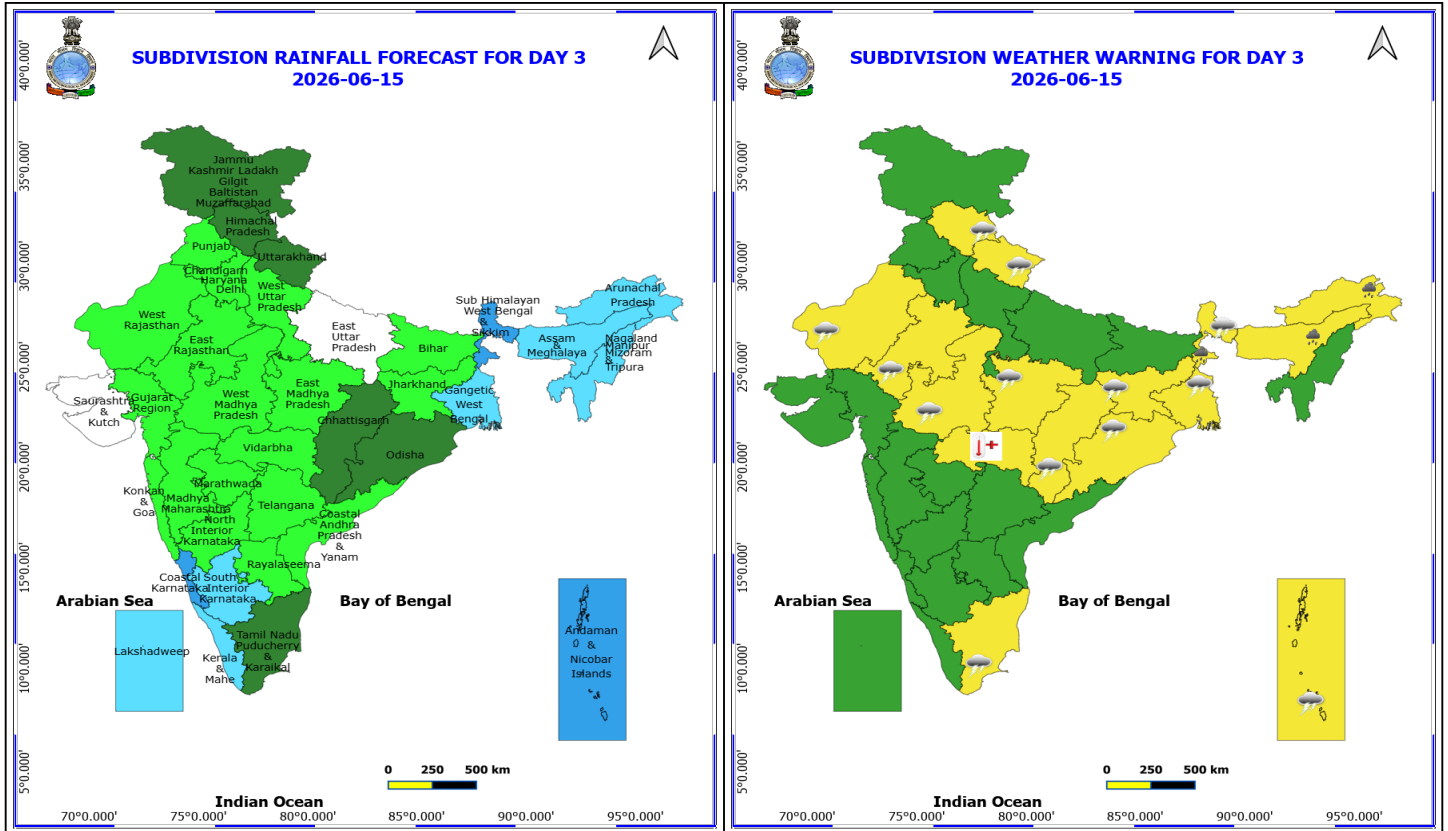


14 June (Day 2)

- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Odisha and Sub Himalayan West Bengal & Sikkim.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Chhattisgarh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Madhya Pradesh, Odisha, Punjab, Rajasthan, Tamil Nadu Puducherry & Karaikal, Uttarakhand and West Bengal & Sikkim.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Interior Karnataka, Telangana and Vidarbha.
 - ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
 - ❖ **Heat Wave conditions** very likely at isolated places over Vidarbha.
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- ❖ **Arabian Sea:** Arabian Sea: **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along & off Somalia & Oman coasts, some parts of westcentral adjoining some parts of southwest Arabian Sea.
 - ❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely over east central adjoining southeast 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, along and off Sri Lanka coasts, southwest Bay of Bengal adjoining southeast & adjoining few parts of central Bay of Bengal, along and off Odisha coasts and Andaman Sea.

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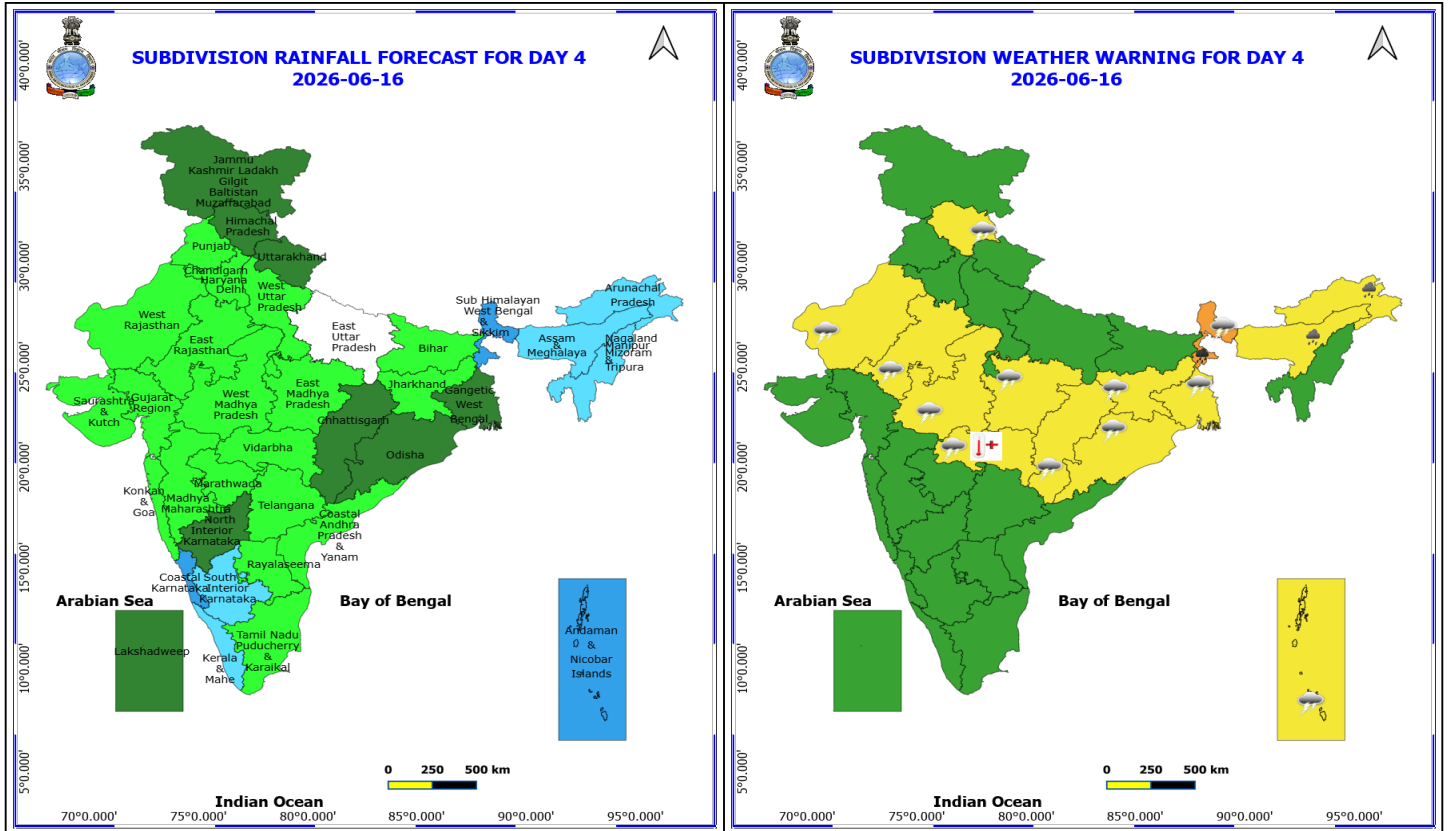


15 June (Day 3)

- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Sub Himalayan West Bengal & Sikkim.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Chhattisgarh, Himachal Pradesh, Jharkhand, Madhya Pradesh, Odisha, Rajasthan, Tamil Nadu Puducherry & Karaikal, Uttarakhand and West Bengal & Sikkim.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Bihar, Interior Karnataka, Telangana and Vidarbha.
 - ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
 - ❖ **Heat Wave conditions** very likely at isolated places over Vidarbha.
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- ❖ **Arabian Sea:** Arabian Sea: **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along & off Somalia & Oman coasts, some parts of westcentral adjoining some parts of southwest Arabian Sea.
 - ❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely over east central adjoining southeast 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, along and off Sri Lanka coasts, southwest Bay of Bengal adjoining westcentral & southeast Bay of Bengal and Andaman Sea.

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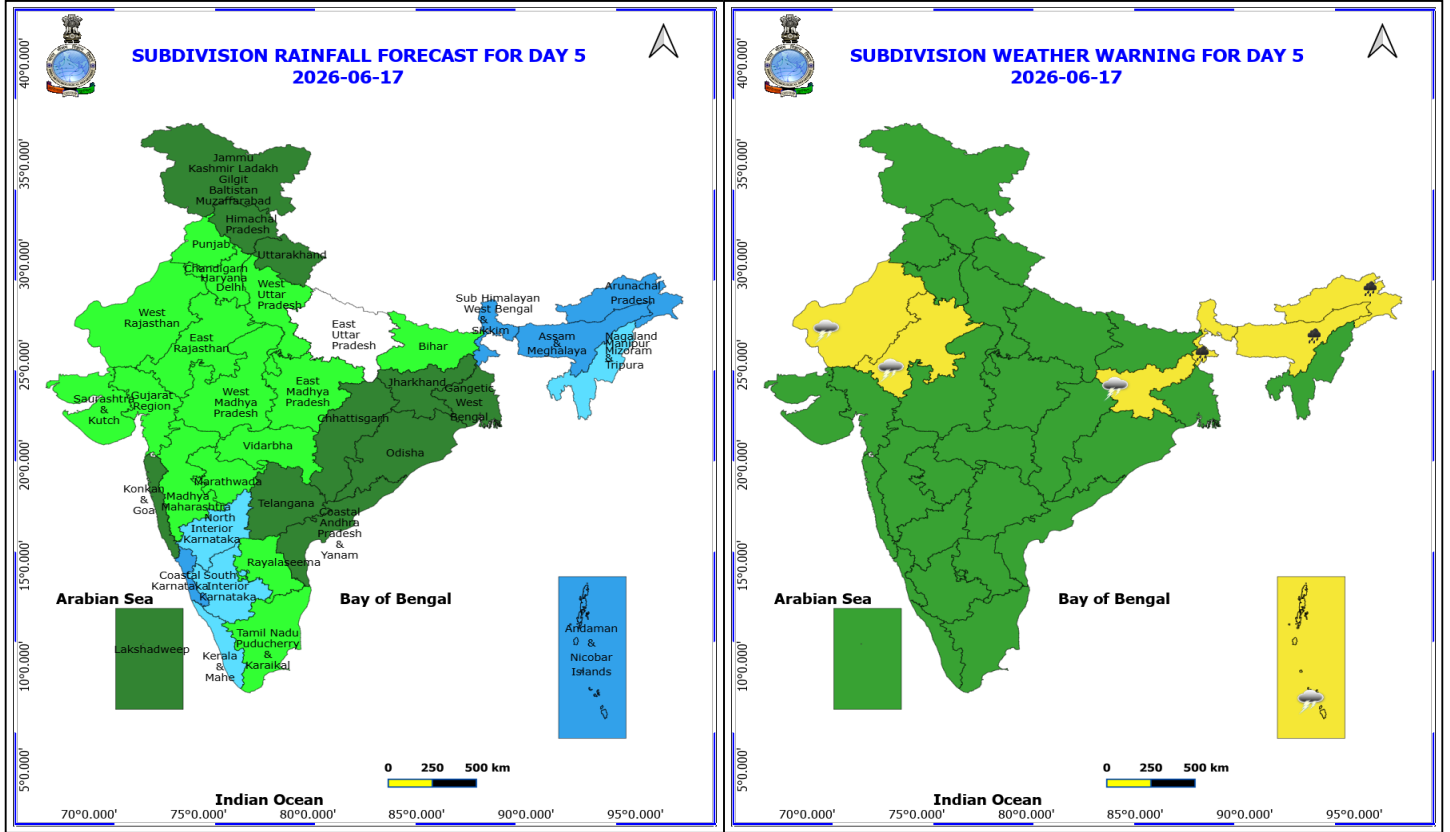


16 June (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Sub Himalayan West Bengal & Sikkim.
 - ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Chhattisgarh, Himachal Pradesh, Jharkhand, Madhya Pradesh, Odisha, Rajasthan, Vidarbha and West Bengal & Sikkim.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andhra Pradesh, Bihar, North Interior Karnataka and Telangana.
 - ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
 - ❖ **Heat Wave conditions** likely at isolated places over Vidarbha.
-
- ❖ **Arabian Sea:** Arabian Sea: **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia adjoining southwest & westcentral Arabian Sea.
 - ❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely over some parts of east central 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, along and off Sri Lanka coasts, southwest Bay of Bengal adjoining westcentral & southeast Bay of Bengal and Andaman Sea.

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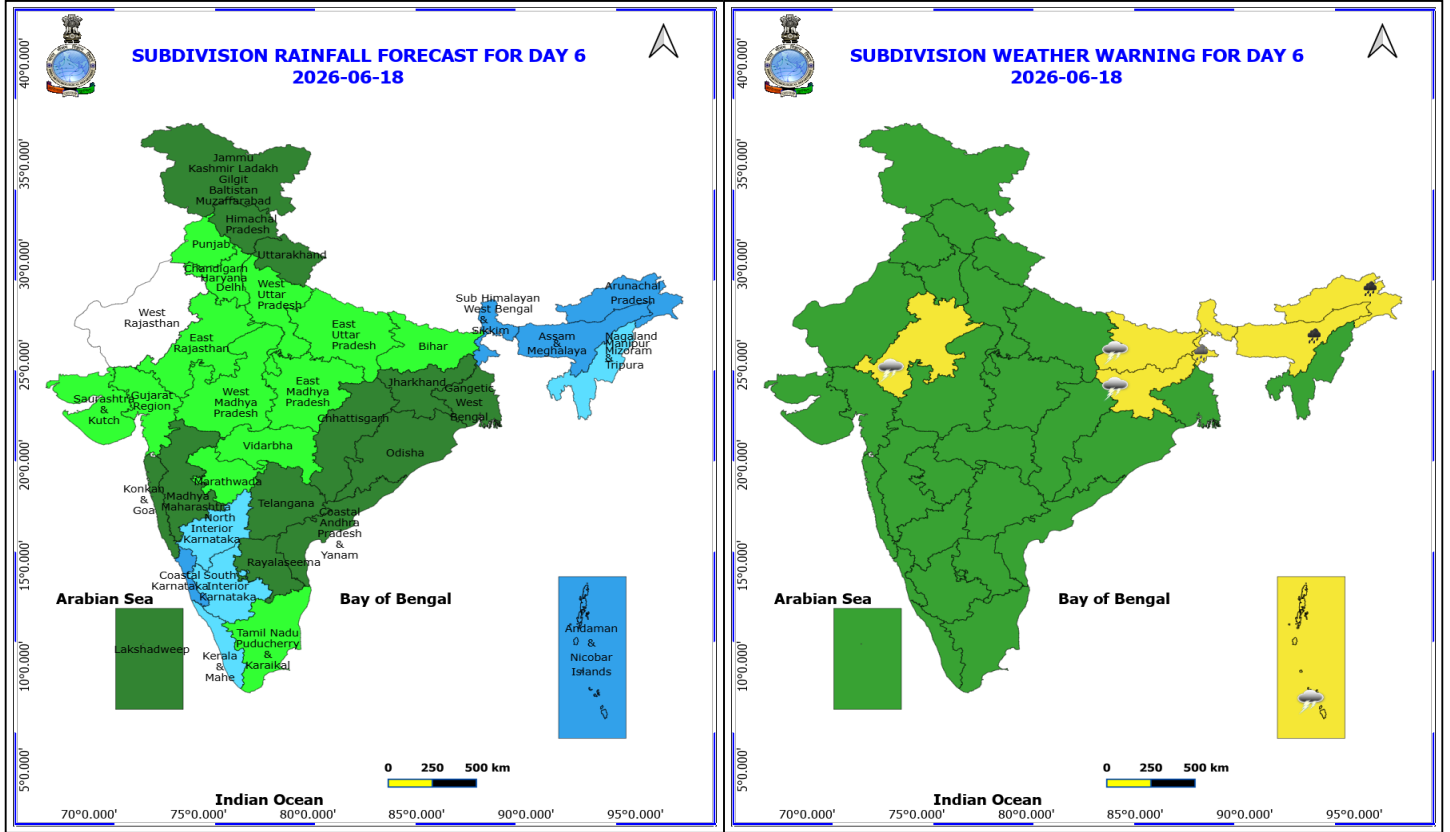
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17 June (Day 5)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Jharkhand and Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.

No Fishermen Warning



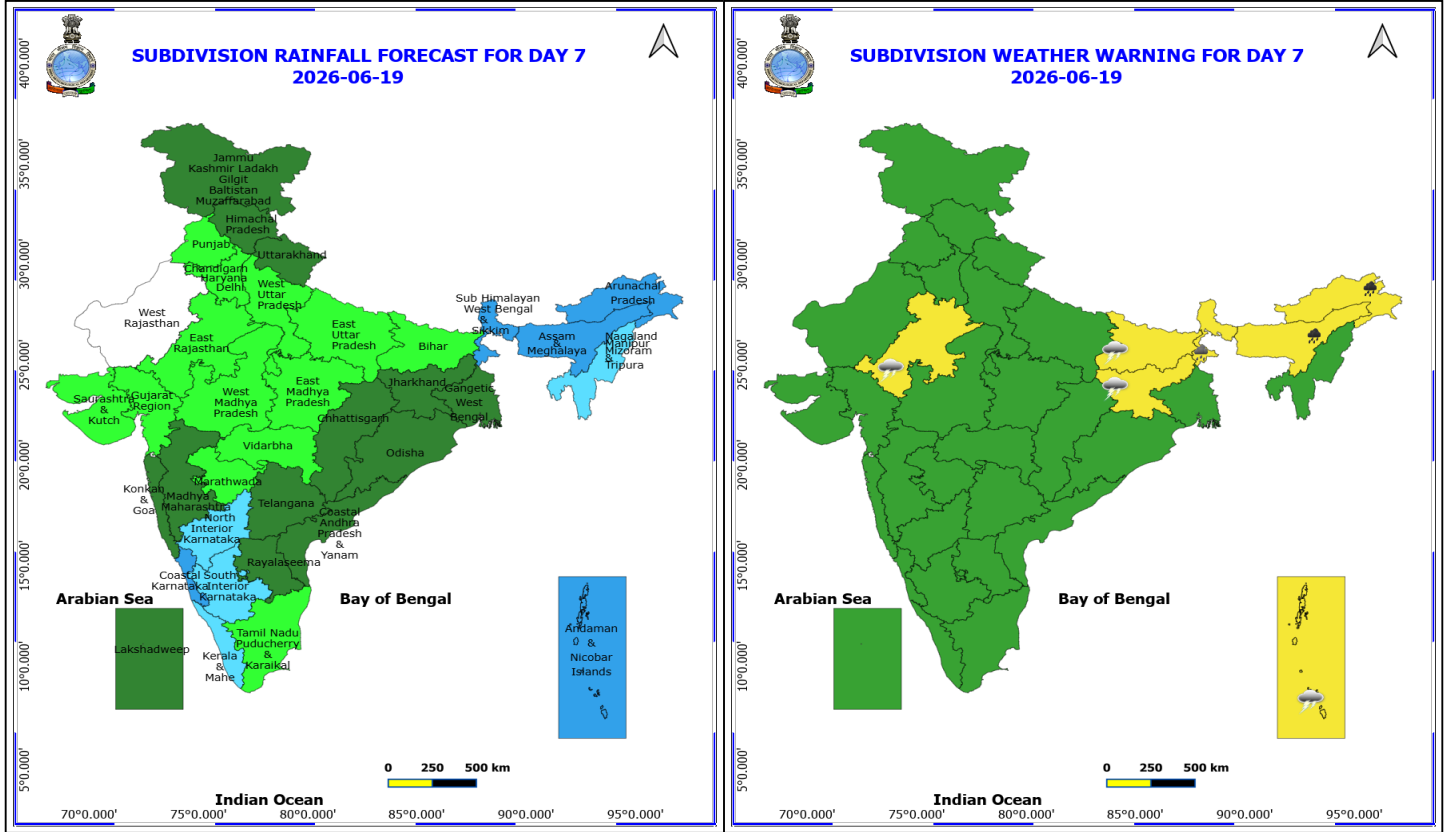
18 June (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Heavy Rainfall** likely at isolated places over Sub Himalayan West Bengal & Sikkim.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Bihar.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, East Rajasthan and Jharkhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.

No Fishermen Warning

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19 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 Sub Himalayan West Bengal & Sikkim.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Bihar.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, East Rajasthan and Jharkhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.

No Fishermen Warning

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Table-1

7 Days Rainfall Forecast

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

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 2026-06-12

Fig. 2: Departure of Maximum Temp. Dated 2026-06-12

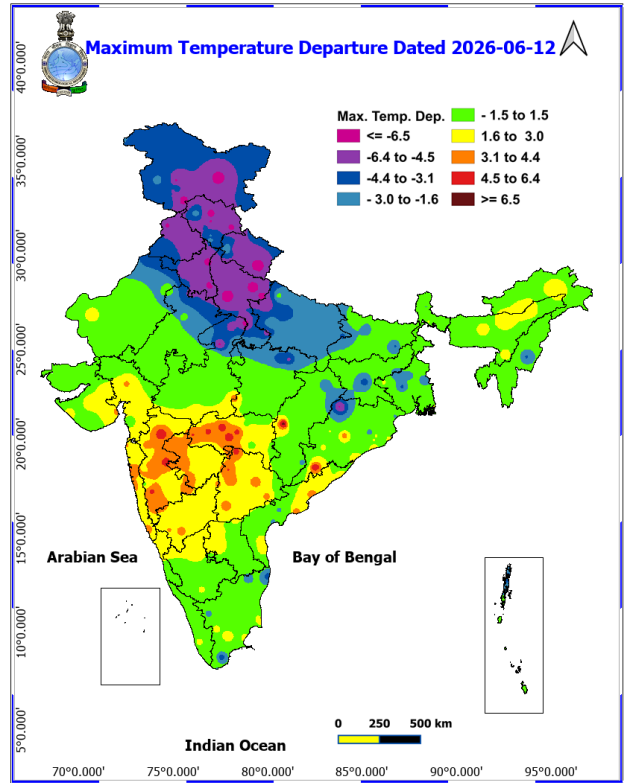
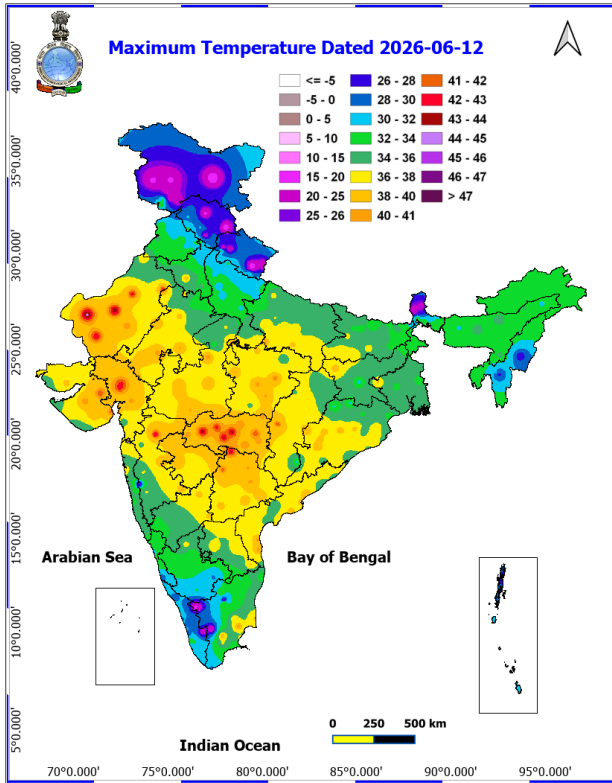
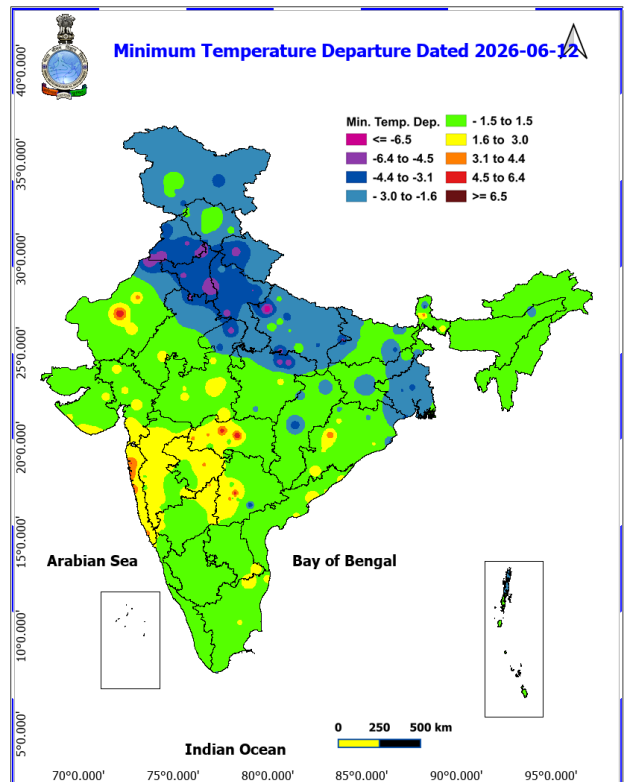
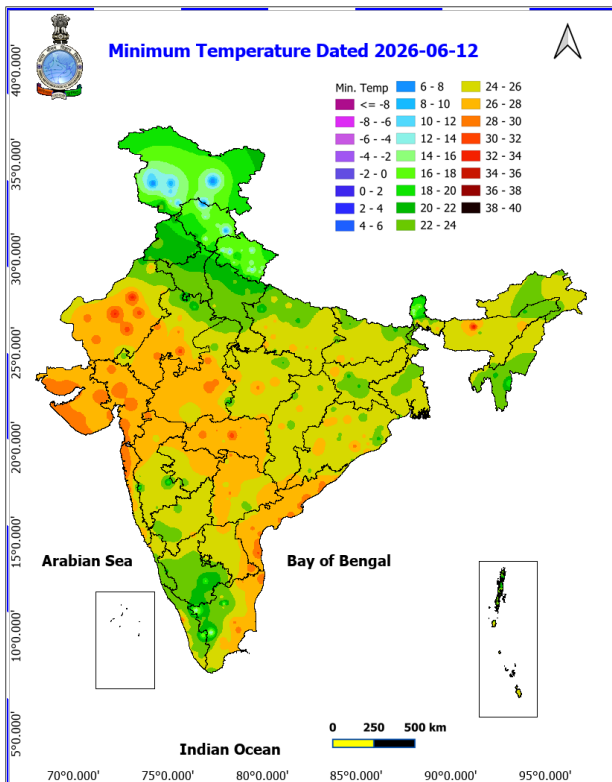
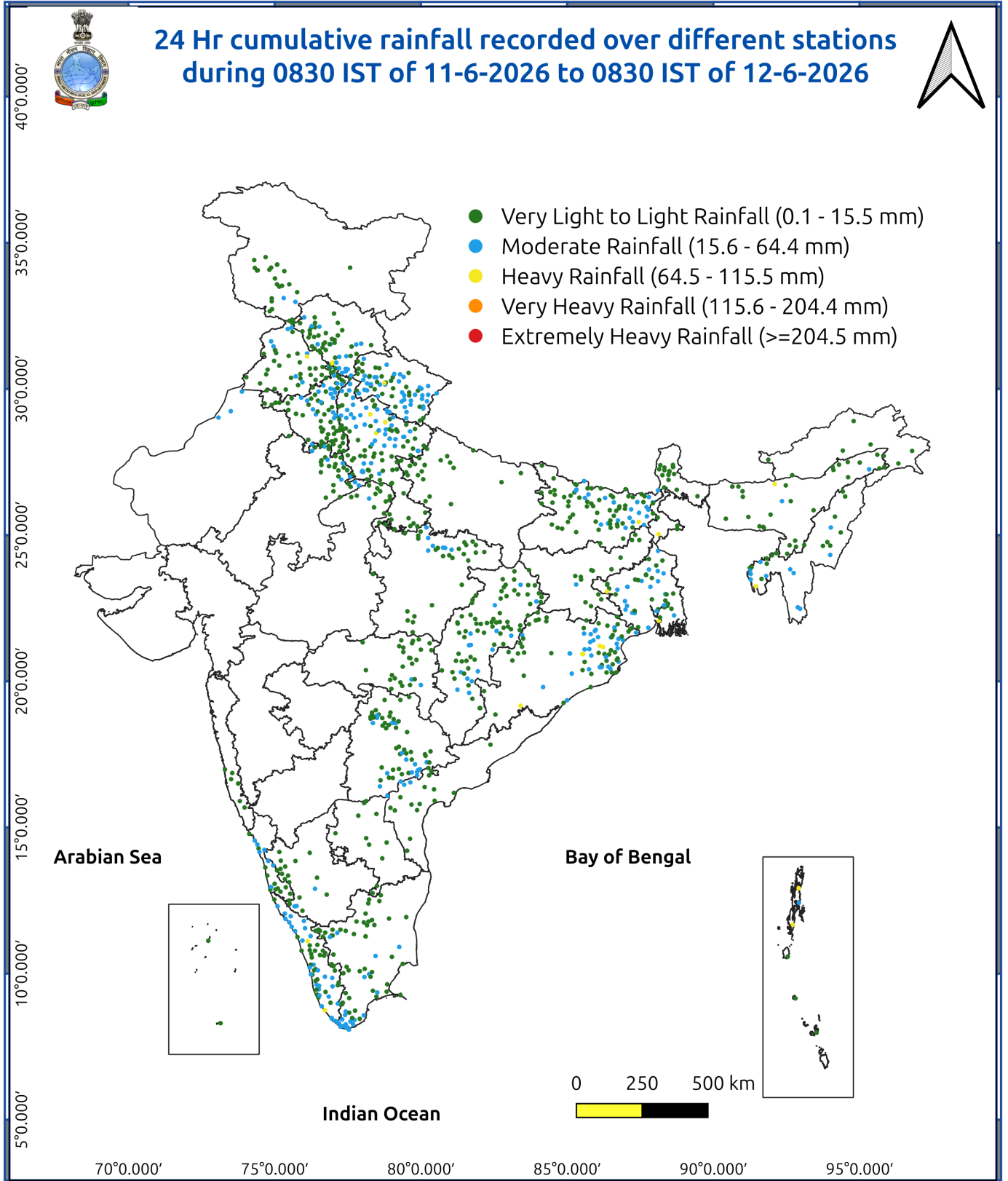


Fig. 3: Minimum Temperatures Dated 2026-06-12

Fig. 4: Departure of Minimum Temp. Dated 2026-06-12





Impact and Actions

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

- Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 13th-15th June and on 18th June; Bihar on 13th June; Odisha during 13th-14th June; Arunachal Pradesh during 13th-16th June; Assam & Meghalaya during 14th-16th June; Nagaland, Manipur, Mizoram & Tripura during 13th-14th June; Kerala & Mahe during 13th-14th June.
- Isolated **very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim during 16th-17th June; Arunachal Pradesh during 17th-18th June; Assam & Meghalaya on 13th June and during 17th-18th 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 60-70 kmph gusting to 80 kmph)** likely over East Rajasthan and West Rajasthan on 13th June;
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over East Madhya Pradesh and West Madhya Pradesh on 13th June; Jharkhand and Odisha on 13th June; Bihar on 13th June and on 18th 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.

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- 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 Marathwada on 13th June; Telangana on 13th June; Vidarbha during 13th-16th June; West Rajasthan on 13th 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 Hailstorms

- In **Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana and Madhya Pradesh**, use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage. Ensure effective field drainage to prevent waterlogging. Undertake picking of matured fruits at the earliest. Keep the harvested produce in safe places.

Agromet advisories for likely impact of Heavy Rainfall

- In **Arunachal Pradesh**, ensure proper drainage in vegetables, maize, rice nursery and other crop fields to prevent waterlogging. Immediately drain stagnant water from paddy nurseries to prevent seedling damage. Protect paddy nurseries with polythene covers to minimize damage from heavy rain.
- In **Assam**, ensure proper drainage arrangements for quick removal of excess water from rice nurseries, jute, ginger, vegetables, banana, citrus and papaya. Postpone nursery sowing of *Sali* rice. Cover the rice nursery beds with thin polythene sheet. Provide mechanical support to the sugarcane crop to prevent lodging.
- In **Meghalaya**, ensure proper drainage channels in maize, ginger, cowpea, vegetable fields and banana plantations. Protect young seedlings from direct exposure to heavy rainfall. Use propping (bamboo or wooden poles) to support heavily laden plants.
- In **Tripura**, harvest *Boro* rice and immediately transfer the grains to a safer place.
- In **Sub Himalayan West Belgal**, keep the harvested produce of rice and other vegetables in safe and dry place. Provide adequate drainage in ginger, tomato and dalley khorsani fields and nurseries of *kharif* rice and vegetables.
- In **Andaman & Nicobar Islands**, ensure proper drainage in coconut gardens and avoid water stagnation around basins.
- In **Keralam**, drain out excess water from banana, coconut, cardamom, ginger, black pepper and vegetables. Provide stakingsupport in banana plants and strengthen the pandals of vegetable crops. Avoid transplanting of rice during heavy rain.
- In **Tamil Nadu**, maintain proper drainage in rice, cumbu, groundnut, sugarcane, banana and vegetables. Keep the harvested produce at safe places.
- In **South Coastal Andhra Pradesh**, provide adequate drainage in standing crop fields to prevent waterlogging.

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- 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 **Telangana**, keep harvested vegetables and fruits under shade and cover them with tarpaulin or plastic sheets to protect from damage.

Agromet advisories for likely impact of High temperatures / Heat Waves

- In **North Coastal Andhra Pradesh**, apply need based irrigation in vegetable nurseries.
- In **Vidarbha** and **Marathwada**, apply light irrigation as per requirement in vegetable crops and fruit orchards.
- In **Telangana**, adopt mulching in tomato to conserve soil moisture and also apply foliar spray of Calcium Nitrate @ 5 g per litre of water.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

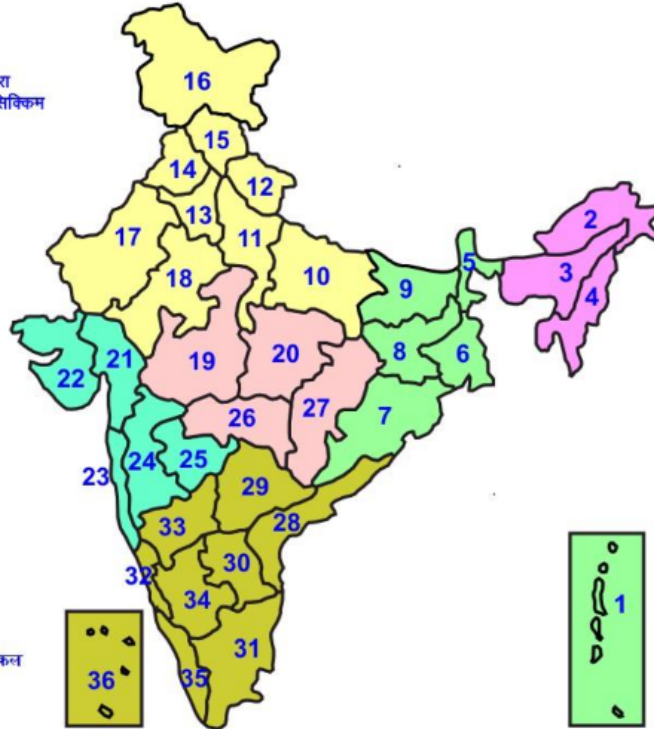
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- Provide mechanical support to horticultural crops and staking or support to vegetables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

Livestock / Poultry / Fisheries

- Keep the animals inside the shed during hailstorms / 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 effects 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 बंगाल
- 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 | | | |

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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°C to 6.4°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°C

Warm Night: When minimum temperature departure 4.5°C to 6.4°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°C to -6.4°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°C to -6.4°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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