

2026-06-11

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ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Advance of Southwest Monsoon 2026:

- The **Southwest Monsoon** has further advanced into some more parts of Karnataka, Telangana & Andhra Pradesh, remaining parts of Tamil Nadu & Puducherry, southwest Bay of Bengal, some more parts of westcentral & northwest Bay of Bengal and West Bengal, and some parts of Bihar, today the 11th June, 2026.
- The **Northern Limit of Monsoon** passes through 18°N/60°E, 18°N/65°E, 18°N/70°E, Harnai, Solapur, Hyderabad, Bhadradi Kothagudem, Kalingapatnam, 21.5°N/89°E, 23°N/90°E, Raiganj, 26°N/87°E, Madhubani and 28.5°N/83°E as on 11th June.
- **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, westcentral & northwest Bay of Bengal, some more parts of West Bengal & Bihar, some parts of Chhattisgarh, Odisha, Jharkhand & Uttar Pradesh during next 2-3 days.

Weather Forecast and Warnings:

Northwest India:

- **Fairly Widespread to Widespread** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 11th-12th June; Himachal Pradesh during 12th-13th June.
- **Fairly Widespread to Widespread** rainfall likely over Haryana Chandigarh & Delhi and Punjab during 11th-12th June; West Uttar Pradesh on 11th June.
- **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 13th-17th June; Himachal Pradesh on 11th June and during 14th-17th June.
- **Isolated to Scattered** rainfall likely over Haryana Chandigarh & Delhi and Punjab during 13th-17th June; West Uttar Pradesh during 12th-17th June; East Uttar Pradesh during 11th-13th June and on 17th June; East Rajasthan and West Rajasthan during 11th-17th 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 11th-13th June; Uttarakhand during 13th-15th June, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Himachal Pradesh during 14th-16th June.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Haryana Chandigarh & Delhi and Punjab during 13th-17th June; East Uttar Pradesh and West Uttar Pradesh on 13th June; East Rajasthan and West Rajasthan during 14th-17th June.
- **Isolated heavy rainfall** likely over Uttarakhand during 11th-12th June; East Uttar Pradesh and West Uttar Pradesh on 11th June.
- **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely over East Rajasthan, Haryana Chandigarh & Delhi, Punjab and West Rajasthan during 11th-12th June; East Uttar Pradesh and West Uttar Pradesh on 11th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 11th-12th June; East Uttar Pradesh and West Uttar Pradesh on 12th June; East Rajasthan and West Rajasthan on 13th June.
- **Isolated Hailstorm** activity likely over Haryana Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Uttarakhand and West Uttar Pradesh during 11th-12th June; East Uttar Pradesh on 11th June.
- **Duststorm** activity likely over East Rajasthan and West Rajasthan during 11th-13th June.

Central India:

- **Isolated to Scattered** rainfall likely over East Madhya Pradesh, Vidarbha and West Madhya Pradesh during 11th-17th June; Chhattisgarh on 11th June and during 13th-17th June.
- **Fairly Widespread to Widespread** rainfall likely over Chhattisgarh on 12th June.

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- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over East Madhya Pradesh and West Madhya Pradesh on 11th June and during 13th-15th June; Vidarbha on 11th June, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Vidarbha during 14th-15th June.
- Isolated **thunderstorm & lightning** likely over Chhattisgarh during 13th-15th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over East Madhya Pradesh and West Madhya Pradesh on 12th June; Vidarbha during 12th-13th June; Chhattisgarh during 11th-12th June.
- Isolated **Hailstorm** activity likely over East Madhya Pradesh and West Madhya Pradesh on 12th June.

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands and Sub-Himalayan West Bengal & Sikkim during 11th-17th June; Gangetic West Bengal during 11th-13th June; Jharkhand and Odisha during 12th-13th June; Bihar during 11th-12th June.
- **Isolated to Scattered** rainfall likely over Gangetic West Bengal during 14th-17th June; Jharkhand and Odisha on 11th June and during 14th-17th June; Bihar during 13th-17th June.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands and Gangetic West Bengal during 13th-17th June; Sub-Himalayan West Bengal & Sikkim during 11th-17th June; Jharkhand during 14th-17th June; Bihar during 13th-14th June; Odisha during 13th-15th 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 Andaman & Nicobar Islands during 11th-12th June; Sub-Himalayan West Bengal & Sikkim during 12th-17th June; Gangetic West Bengal on 11th June; Bihar and Jharkhand during 12th-13th June; Odisha during 12th-15th June with isolated **very heavy rainfall** also likely over Bihar and Sub-Himalayan West Bengal & Sikkim on 11th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Andaman & Nicobar Islands, Bihar, Gangetic West Bengal and Odisha during 11th-12th June; Jharkhand during 11th-13th June.

Northeast India:

- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 11th-17th June.
- Isolated **thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 11th-15th June.
- Isolated **heavy rainfall** likely over Arunachal Pradesh on 11th June and during 14th-17th June; Assam & Meghalaya during 14th-17th June; Nagaland, Manipur, Mizoram & Tripura during 11th-13th June with isolated **very heavy rainfall** also likely over Arunachal Pradesh during 12th-13th June; Assam & Meghalaya during 11th-13th June.

West India:

- **Isolated to Scattered** rainfall likely over Gujarat Region, Konkan & Goa, Madhya Maharashtra and Marathwada during 11th-17th June; Saurashtra & Kutch during 15th-17th June.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Konkan & Goa during 12th-13th June; Madhya Maharashtra during 11th-14th June; Marathwada during 11th-13th June.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Telangana during 11th-17th June; Lakshadweep and South Interior Karnataka during 16th-17th June; North Interior Karnataka during 11th-12th June and during 14th-17th June; Coastal Andhra Pradesh & Yanam during 13th-17th June.
- **Fairly Widespread to Widespread** rainfall likely over Coastal Karnataka and Kerala & Mahe during 11th-17th June; Lakshadweep and South Interior Karnataka during 11th-15th June; North Interior Karnataka on 13th June; Coastal Andhra Pradesh & Yanam during 11th-12th June.

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- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over North Interior Karnataka, Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 11th-15th June; Coastal Andhra Pradesh & Yanam during 13th-17th June; Telangana during 11th-13th June.
- Isolated **heavy rainfall** likely over Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Telangana during 11th-12th June; Kerala & Mahe during 13th-15th June; Lakshadweep on 11th June; Coastal Karnataka on 11th June and during 13th-15th June; North Interior Karnataka during 12th-13th June; South Interior Karnataka during 11th-13th June; Rayalaseema on 12th June with isolated **very heavy rainfall** also likely over Kerala & Mahe during 11th-12th June; Coastal Karnataka on 12th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Coastal Andhra Pradesh & Yanam during 11th-12th June.
- **Strong Surface Winds** likely over Kerala & Mahe during 11th-12th June; Coastal Karnataka and South Interior Karnataka during 11th-15th June.

Forecast of maximum/day temperatures:

- Gradual fall in maximum temperatures likely over Northwest India by 5-7°C till 12th and thereafter gradual rise by 3-5°C during 13th -17th June.
- No significant change in maximum temperatures likely over Central India till 12th June and Gradual fall by 2-3°C thereafter.
- Gradual rise in maximum temperatures likely over Maharashtra by 2-3°C till 13th and thereafter no significant change during 14th -17th June.
- No significant change in maximum temperatures likely over the rest parts of country till 17th June 2026.

Heat Wave, Hot & Humid weather conditions warning:

- **Heat wave** conditions very likely in isolated pockets over Coastal Andhra Pradesh & Yanam during 11th-12th June; Telangana during 11th-13th June; Vidarbha during 11th-12th June.
- **Hot and humid** weather conditions likely to prevail over Konkan & Goa during 11th-13th June; Madhya Maharashtra during 11th-12th June.

Fisherman Warning:

Fishermen are advised not to venture into the following areas during 11th June to 16th 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 11th to 16th June; eastcentral adjoining west central Bay of Bengal during 11th to 13th June.
- **Arabian Sea:** Along and off Karnataka, Kerala coasts, Lakshadweep area Maldives area adjoining eastcentral Arabian Sea during 11th to 13th June. eastcentral & southeast Arabian Sea during 13th to 16th June. Along and off Somalia adjoining southwest & westcentral Arabian Sea during 11th to 16th June, and along and off Oman coasts adjoining sea areas on 11th, 12th & 14th June.

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of today to 1430 hours IST of today): **at most places** over Andaman & Nicobar Islands and Lakshadweep ; **at many places** over Nagaland, Manipur, Mizoram & Tripura, Sub-himalayan West Bengal & Sikkim, Gangetic West Bengal, Jharkhand, East Uttar Pradesh, West Uttar Pradesh, Bihar, Uttarakhand, Haryana Chandigarh & Delhi, Himachal Pradesh, Jammu & Kashmir and Ladakh, Assam & Meghalaya, Arunachal Pradesh, Coastal Andhra Pradesh & Yanam, Rayalaseema, Tamilnadu Puducherry & Karaikal, Coastal Karnataka and Kerala & Mahe; **Dry** over rest of the country.

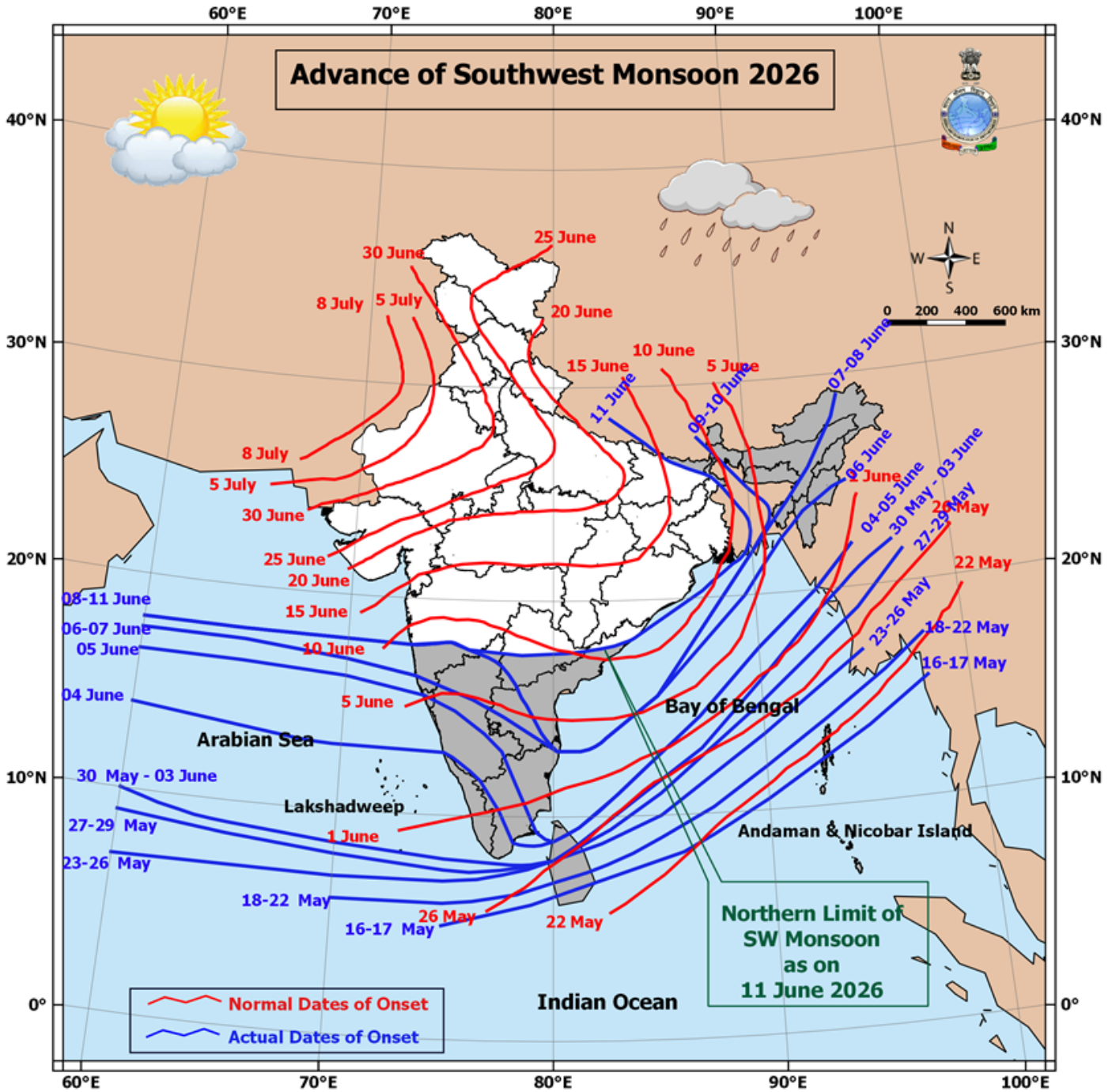
❖ **Heavy Rainfall observed** (from 0830 hours IST of today to 1430 hours IST of today): **Heavy rain** at isolated places over Sub-himalayan West Bengal & Sikkim

❖ **Minimum Temperature Departures (as on 11-06-2026): markedly above normal(> 5.1°C)** at few places over East Rajasthan and East Madhya Pradesh; at isolated places over Assam & Meghalaya, Odisha, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Rajasthan, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch and Konkan & Goa. **appreciably above normal(3.1°C to 5.0°C)** at few places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, Konkan & Goa, Rayalaseema and Lakshadweep; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Odisha, Jharkhand, East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Vidarbha, Telangana and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Gujarat Region, Madhya Maharashtra and Marathwada; at few places over Odisha, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, Vidarbha, Telangana and Rayalaseema; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, West Rajasthan, East Rajasthan, East Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Saurashtra & Kutch, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Lakshadweep; at most places over Andaman & Nicobar Islands, Arunachal Pradesh, Chhattisgarh, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe; at few places over Gangetic West Bengal, Odisha, Jharkhand, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, West Rajasthan, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Marathwada, Vidarbha and Rayalaseema; at isolated places over Bihar, East Uttar Pradesh, Punjab, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Gujarat Region and Telangana. **The lowest minimum temperature** of 18.0°C was reported at HALFLONG (ASSAM) over the Plains of India.

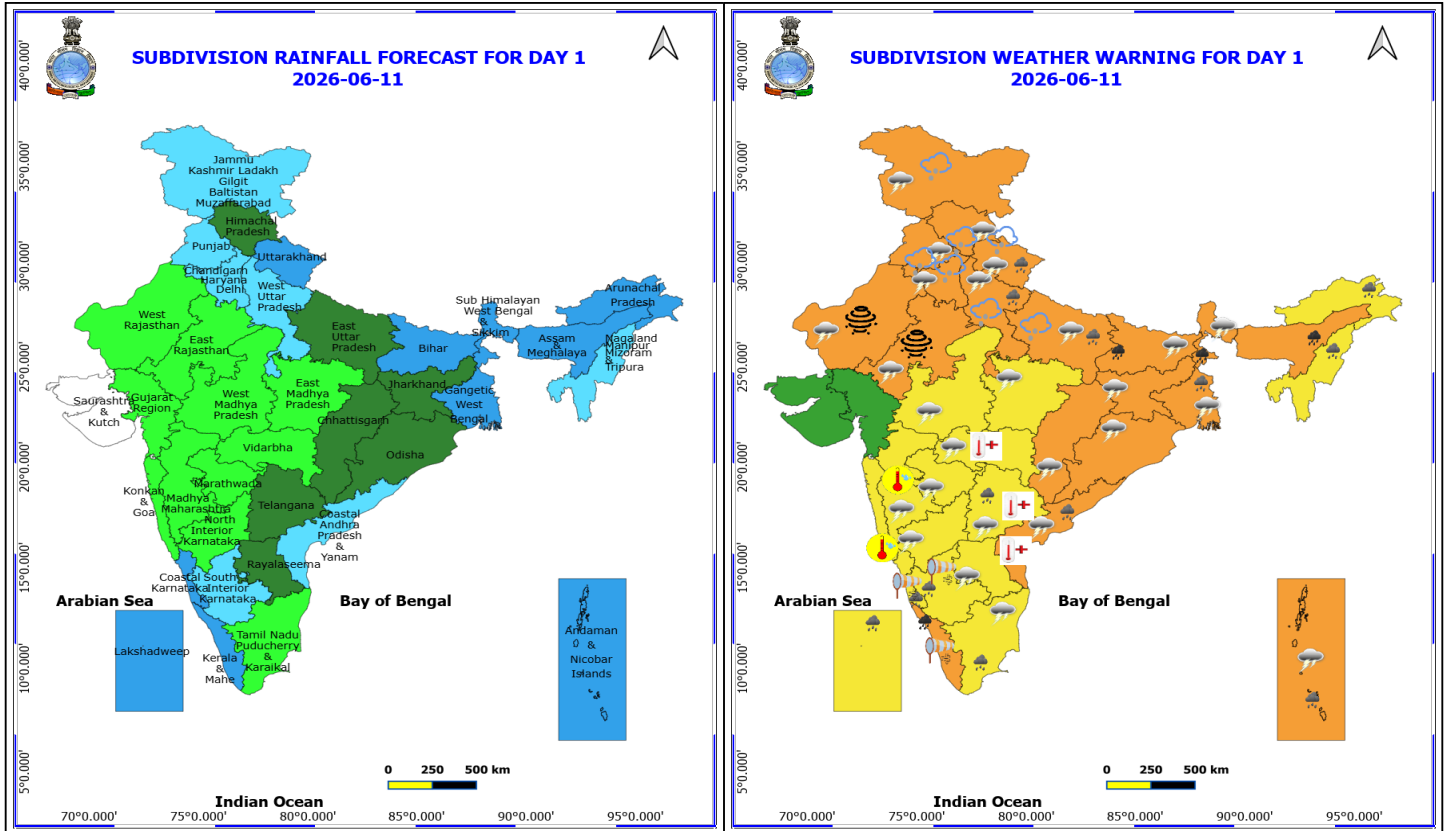
❖ **Maximum Temperature Departures (as on 11-06-2026): markedly above normal(> 5.1°C)** at a few places over Vidarbha; at isolated places over East Madhya Pradesh, Madhya Maharashtra, Odisha. **appreciably above normal (3.1°C to 5.0°C)** at many places over Konkan & Goa, Marathwada, Telangana; at isolated places over Coastal Andhra Pradesh & Yanam, East Rajasthan, East Uttar Pradesh, Gangetic West Bengal, Gujarat Region, Haryana-Chandigarh-Delhi, Himachal Pradesh, Jammu & Kashmir, Saurashtra & Kutch, Tamil Nadu, Puducherry & Karaikal, West Madhya Pradesh, West Rajasthan. **above normal (1.6°C to 3.0°C)** at most places over North Interior Karnataka; at a few places over Coastal Karnataka, Kerala & Mahe, Nagaland, Manipur, Mizoram & Tripura, Rayalaseema; at isolated places over Assam & Meghalaya, Chhattisgarh, West Uttar Pradesh. **The highest maximum temperature** of 46.0°C was reported at JAISALMER(RAJASTHAN).

Meteorological Analysis (Based on 1430 hours IST)

- The **Southwest Monsoon** has further advanced into some more parts of Karnataka, Telangana & Andhra Pradesh, remaining parts of Tamil Nadu & Puducherry, southwest Bay of Bengal, some more parts of westcentral & northwest Bay of Bengal and West Bengal, and some parts of Bihar, today the 11th June, 2026.
- The **Northern Limit of Monsoon** passes through 18°N/60°E, 18°N/65°E, 18°N/70°E, Harnai, Solapur, Hyderabad, Bhadradi Kothagudem, Kalingapatnam, 21.5°N/89°E, 23°N/90°E, Raiganj, 26°N/87°E, Madhubani and 28.5°N/83°E as on 11th June.
- **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, westcentral & northwest Bay of Bengal, some more parts of West Bengal & Bihar, some parts of Chhattisgarh, Odisha, Jharkhand & Uttar Pradesh during next 2-3 days.
- The Western **Disturbance** as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level now runs roughly along Long. 75°E to the north of Lat. 28°N .
- The **upper air cyclonic circulation** over Haryana & neighbourhood extending upto 1.5 km above mean sea level persists.
- The **trough** from the above cyclonic circulation over Haryana to northeast Arabian Sea across West Rajasthan, Gujarat and Saurashtra & Kutch at 0.9 km above mean sea level persists.
- The seasonal **trough** at mean sea level from south Punjab to south Bangladesh across the above cyclonic circulation over Haryana, west Uttar Pradesh, north Madhya Pradesh, north Chhattisgarh, Jharkhand & Gangetic West Bengal extending upto 0.9 km above mean sea level persists.
- The **upper air cyclonic circulation** over southeast Uttar Pradesh & neighbourhood at 1.5 km above mean sea level persists.
- The **upper air cyclonic circulation** over westcentral Bay of Bengal adjoining north Coastal Andhra Pradesh at 1.5 km above mean sea level persists.
- The **upper air cyclonic circulation** over south Coastal Andhra Pradesh & neighbourhood at 3.1 km above mean sea level persists.
- The **trough** from Eastcentral Arabian Sea to Westcentral Bay of Bengal across south Konkan, Madhya Maharashtra, North Interior Karnataka, Telangana and the above cyclonic circulation over south Coastal Andhra Pradesh at 3.1 km above mean sea level persists.
- The **upper air cyclonic circulation** over North Interior Karnataka & neighbourhood at 4.5 km above mean sea level persists.



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11 June (Day 1)

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

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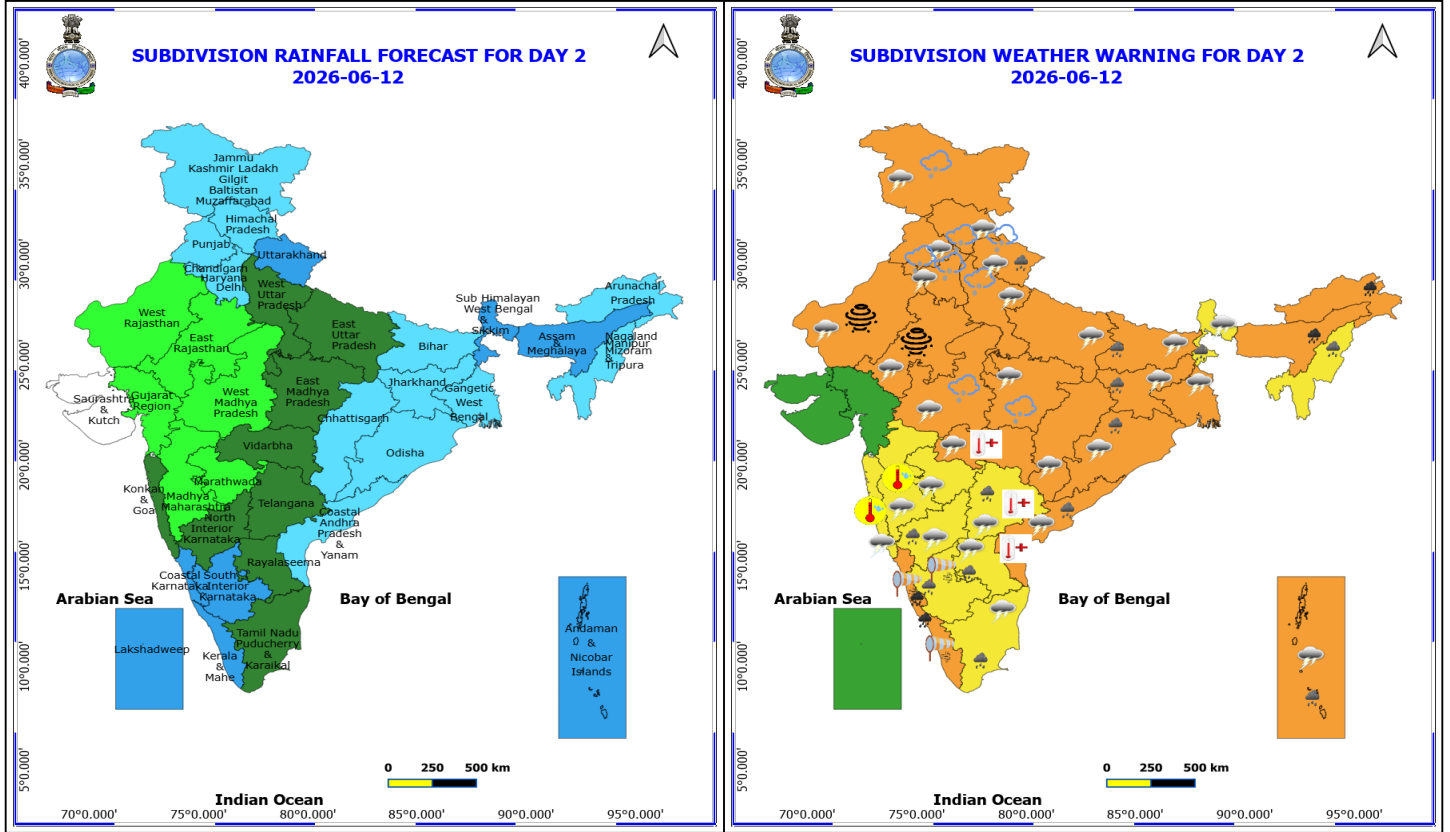
- ❖ **Strong Surface Winds** very likely at isolated places over Coastal Karnataka, Kerala & Mahe and South Interior Karnataka.
 - ❖ **Heat Wave conditions** very likely at isolated places over Coastal Andhra Pradesh, Telangana and Vidarbha.
 - ❖ **Hot and Humid weather** very likely at isolated places over Konkan & Goa and Madhya Maharashtra.
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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, adjoining westcentral & 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 coast, north Tamil Nadu, Andhra Pradesh coasts, adjoining westcentral & most parts of south Bay of Bengal adjoining eastcentral and Andaman Sea.

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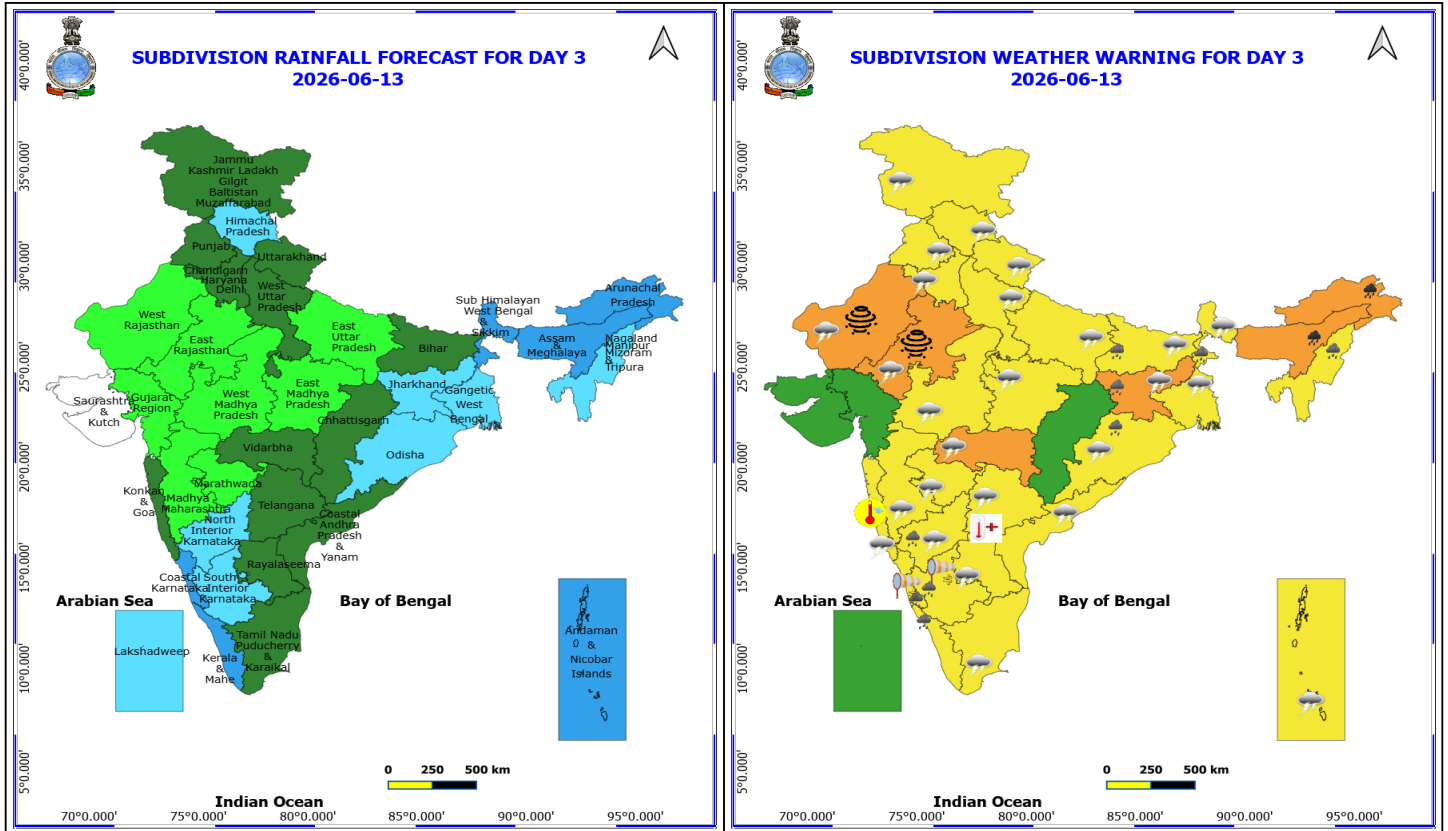


12 June (Day 2)

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

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- ❖ **Strong Surface Winds** very likely at isolated places over Coastal Karnataka, Kerala & Mahe and South Interior Karnataka.
 - ❖ **Heat Wave conditions** very likely at isolated places over Coastal Andhra Pradesh, Telangana and Vidarbha.
 - ❖ **Hot and Humid weather** very likely at isolated places over Konkan & Goa and Madhya Maharashtra.
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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 and Andaman Sea.



13 June (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Heavy Rainfall** very likely at isolated places over Bihar, Jharkhand, Karnataka, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Odisha and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Jharkhand, Rajasthan and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Marathwada, North Interior Karnataka, Odisha, Punjab, Tamil Nadu Puducherry & Karaikal, Telangana, Uttar Pradesh, Uttarakhand and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Dust Storm** very likely at isolated places over Rajasthan.
- ❖ **Strong Surface Winds** very likely at isolated places over Coastal Karnataka and South Interior Karnataka.
- ❖ **Heat Wave conditions** very likely at isolated places over Telangana.
- ❖ **Hot and Humid weather** very likely at isolated places over Konkan & Goa.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along

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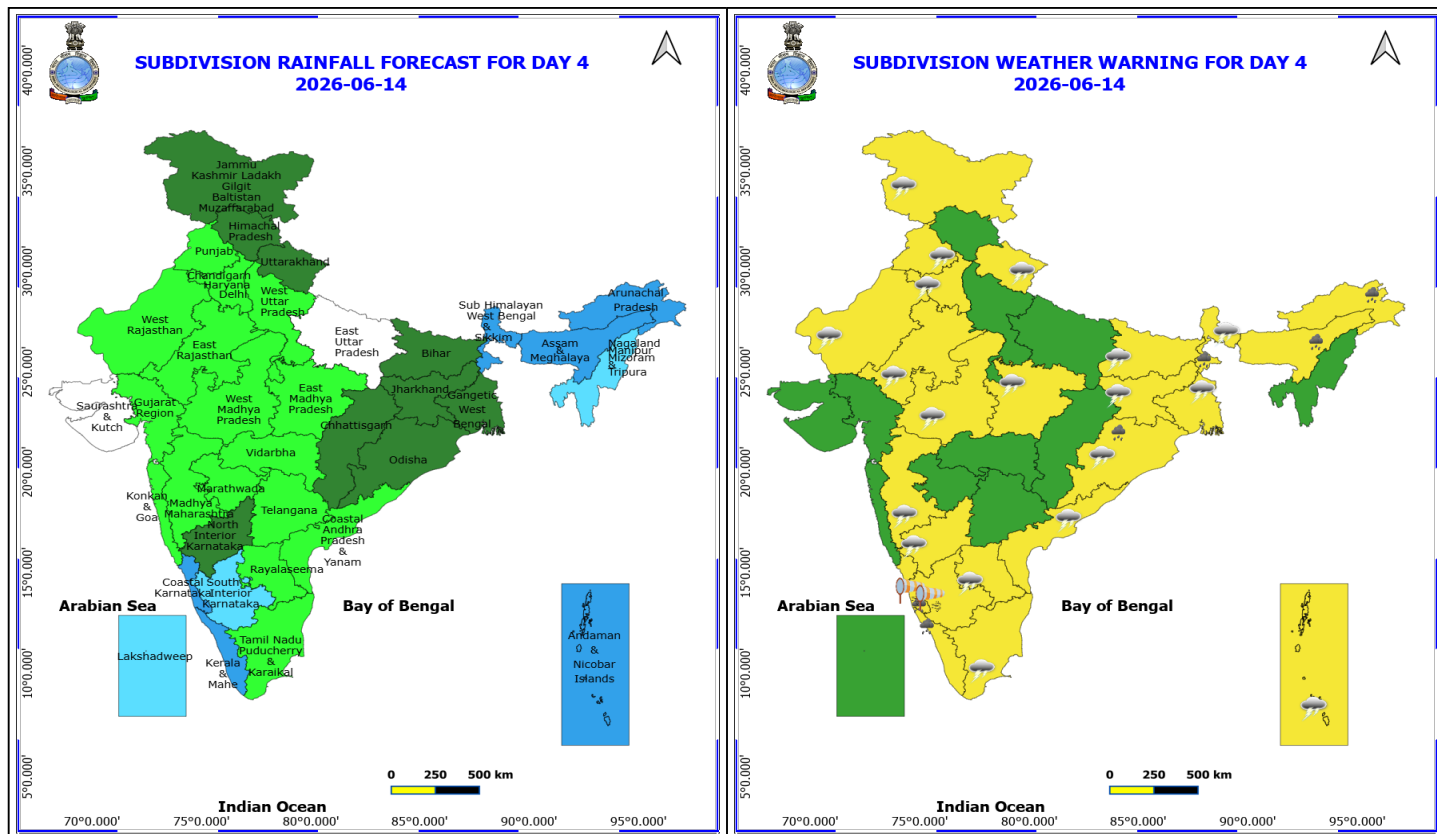
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& off Somalia & Oman coasts, some parts of westcentral adjoining some parts of southwest Arabian Sea.

❖ **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 and Andaman Sea.

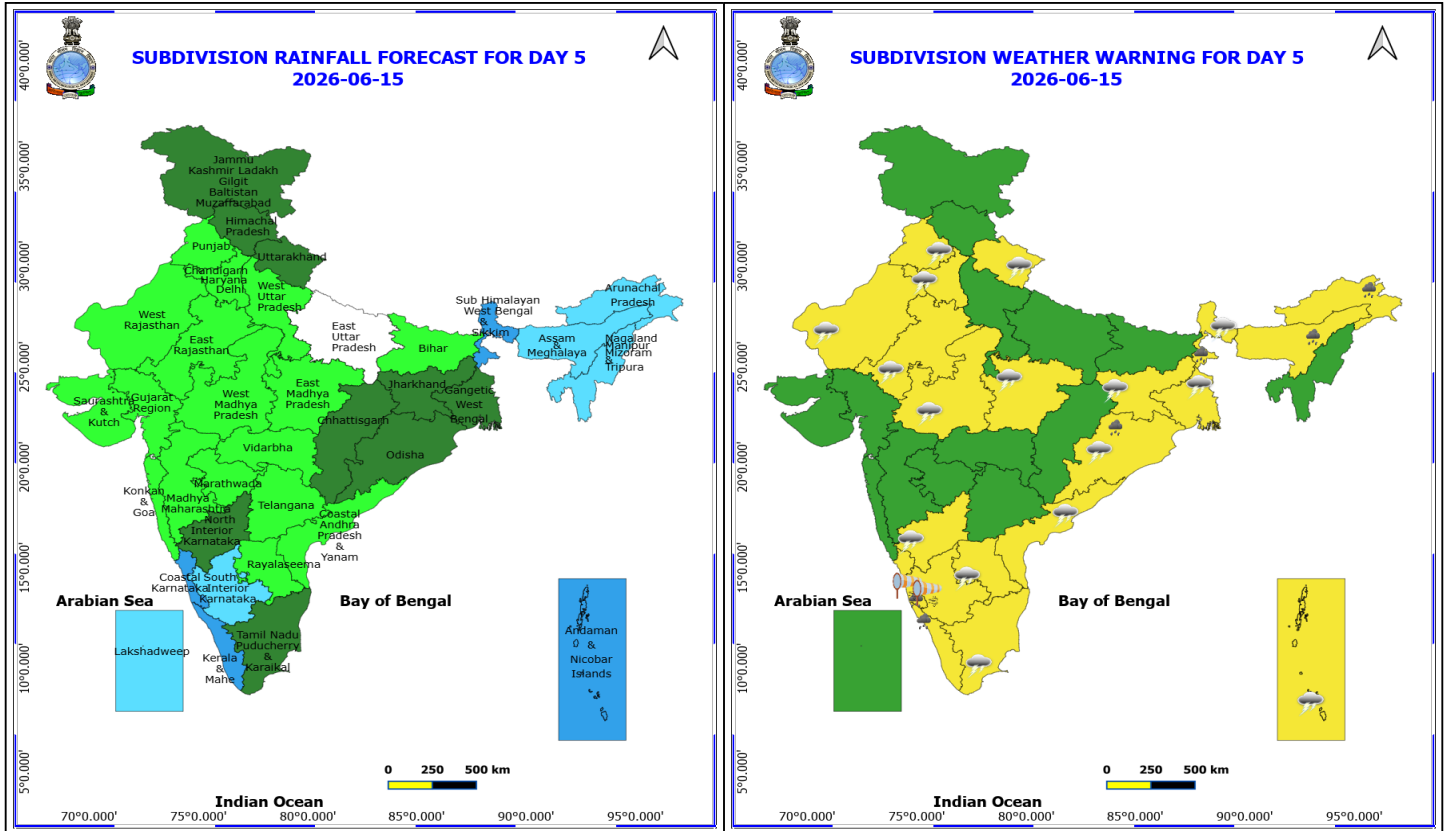


14 June (Day 4)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Kerala & Mahe, Odisha and Sub Himalayan West Bengal & Sikkim.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Madhya Maharashtra, Madhya Pradesh, North Interior Karnataka, Odisha, Punjab, Rajasthan, Tamil Nadu Puducherry & Karaikal, Uttarakhand and West Bengal & Sikkim.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Himachal Pradesh and Vidarbha.
 - ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh and Nagaland, Manipur, Mizoram and Tripura.
 - ❖ **Strong Surface Winds** likely at isolated places over Coastal Karnataka and South Interior Karnataka.
-
- ❖ **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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15 June (Day 5)

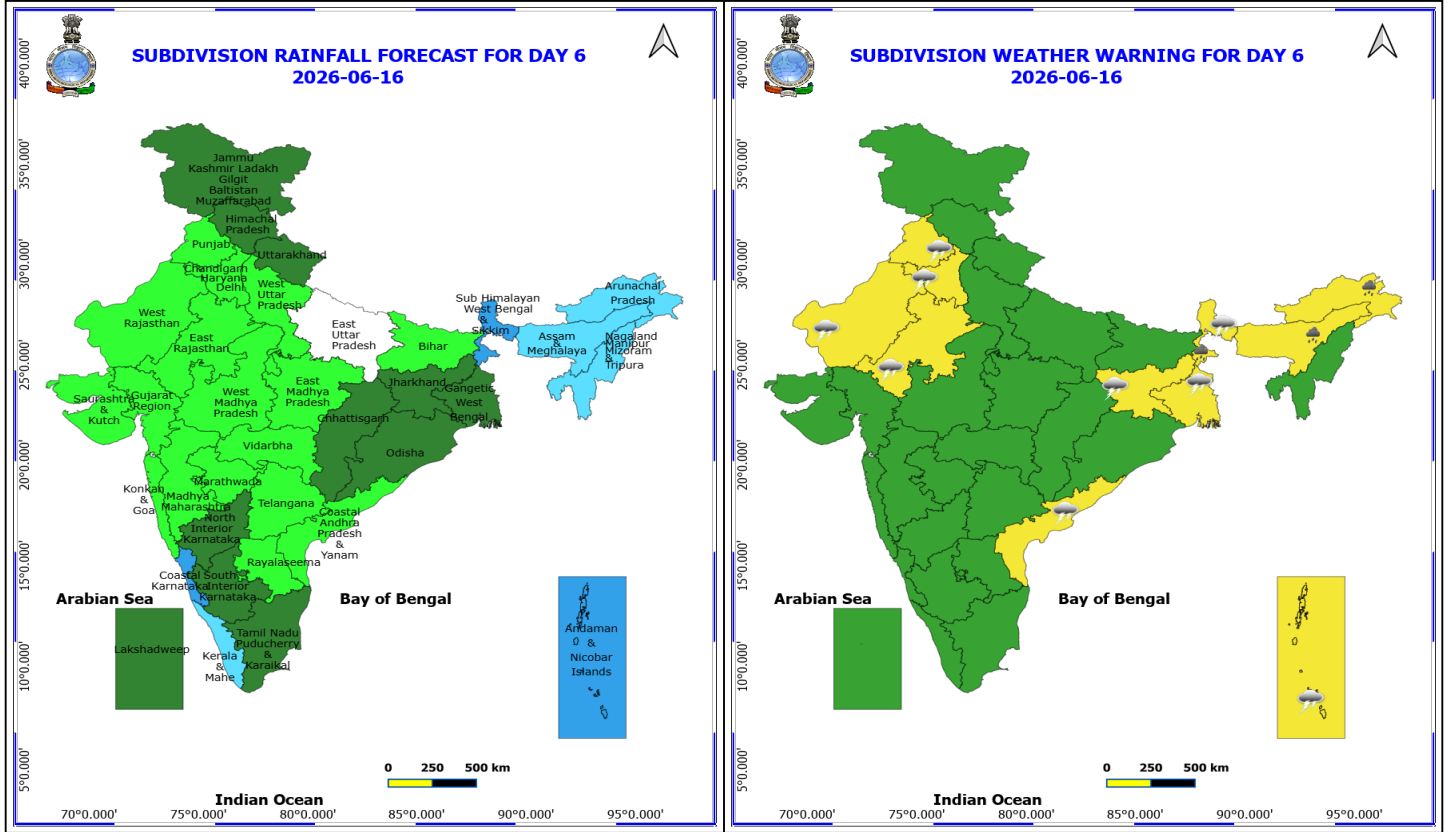
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Kerala & Mahe, Odisha and Sub Himalayan West Bengal & Sikkim.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Haryana, Chandigarh & Delhi, Jharkhand, Madhya Pradesh, North Interior Karnataka, Odisha, Punjab, Rajasthan, Tamil Nadu Puducherry & Karaikal, Uttarakhand and West Bengal & Sikkim.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Himachal Pradesh and Vidarbha.
 - ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh and Nagaland, Manipur, Mizoram and Tripura.
 - ❖ **Strong Surface Winds** likely at isolated places over Coastal Karnataka and South Interior Karnataka.
-
- ❖ **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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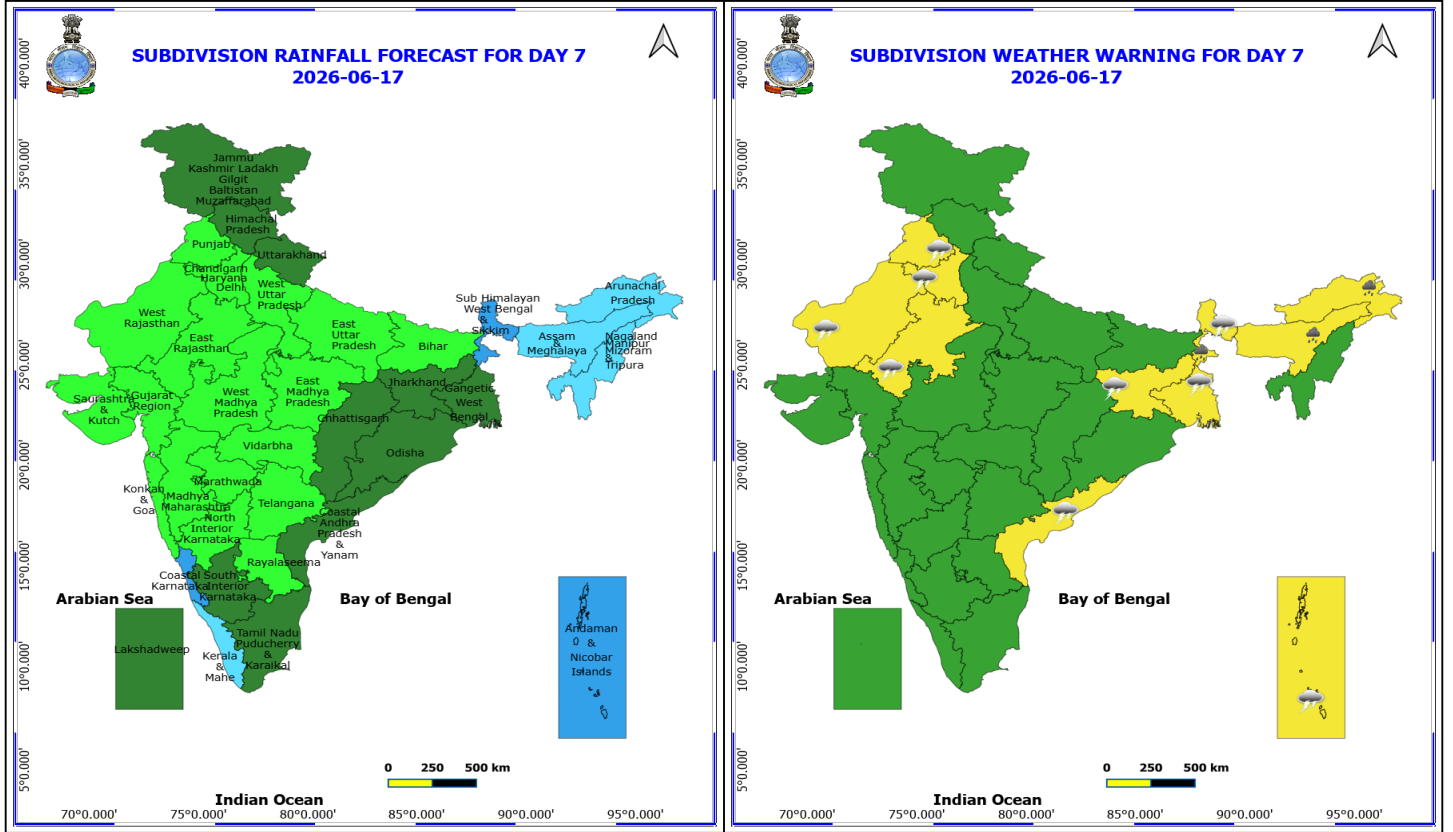
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16 June (Day 6)

- ❖ **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, Coastal Andhra Pradesh, Haryana, Chandigarh & Delhi, Jharkhand, Punjab, Rajasthan and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Himachal Pradesh.

No Fishermen Warning



17 June (Day 7)

- ❖ **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, Coastal Andhra Pradesh, Haryana, Chandigarh & Delhi, Jharkhand, Punjab, Rajasthan and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar.

No Fishermen Warning



Table-1

7 Days Rainfall Forecast

S.No.	Subdivision	11- Jun	12- Jun	13- Jun	14- Jun	15- Jun	16- Jun	17- Jun
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	WS	WS	WS	WS	WS
2	ARUNACHAL PRADESH	WS	FWS	WS	WS	FWS	FWS	FWS
3	ASSAM & MEHGHALAYA	WS	WS	WS	WS	FWS	FWS	FWS
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	WS	FWS	FWS	SCT	SCT	SCT	SCT
7	ODISHA	SCT	FWS	FWS	SCT	SCT	SCT	SCT
8	JHARKHAND	SCT	FWS	FWS	SCT	SCT	SCT	SCT
9	BIHAR	WS	FWS	SCT	SCT	ISOL	ISOL	ISOL
10	EAST UTTAR PRADESH	SCT	SCT	ISOL	DRY	DRY	DRY	ISOL
11	WEST UTTAR PRADESH	FWS	SCT	SCT	ISOL	ISOL	ISOL	ISOL
12	UTTARAKHAND	WS	WS	SCT	SCT	SCT	SCT	SCT
13	HARYANA, CHD & DELHI	FWS	FWS	SCT	ISOL	ISOL	ISOL	ISOL
14	PUNJAB	FWS	FWS	SCT	ISOL	ISOL	ISOL	ISOL
15	HIMACHAL PRADESH	SCT	FWS	FWS	SCT	SCT	SCT	SCT
16	JAMMU AND KASHMIR AND LADAKH	FWS	FWS	SCT	SCT	SCT	SCT	SCT
17	WEST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
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	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
21	GUJRAT REGION	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
22	SAURASHTRA & KUTCH	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL
23	KONKAN & GOA	ISOL	SCT	SCT	ISOL	ISOL	ISOL	ISOL
24	MADHYA MAHARASHTRA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
25	MARATHWADA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	ISOL	SCT	SCT	ISOL	ISOL	ISOL	ISOL
27	CHATTISGARH	SCT	FWS	SCT	SCT	SCT	SCT	SCT
28	COASTAL ANDHRA PRADESH	FWS	FWS	SCT	ISOL	ISOL	ISOL	SCT
29	TELANGANA	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
30	RAYALASEEMA	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	SCT	SCT	ISOL	SCT	SCT	SCT
32	COSTAL KARNATAKA	WS	WS	WS	WS	WS	WS	WS
33	NORTH INTERIOR KARNATAKA	ISOL	SCT	FWS	SCT	SCT	SCT	ISOL
34	SOUTH INTERIOR KARNATAKA	FWS	WS	FWS	FWS	FWS	SCT	SCT
35	KERALA	WS	WS	WS	WS	WS	FWS	FWS
36	LAKSHDWEEP	WS	WS	FWS	FWS	FWS	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 2026-06-11

Fig. 2: Departure of Maximum Temp. Dated 2026-06-11

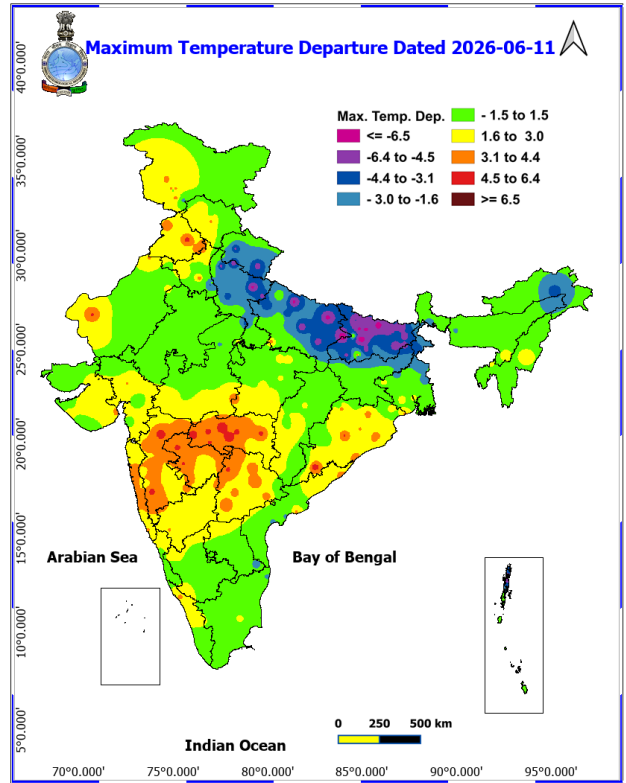
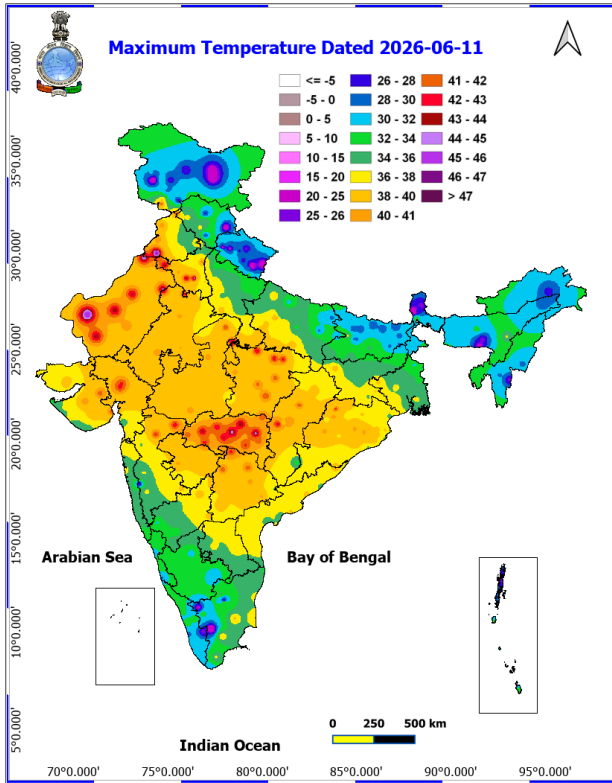
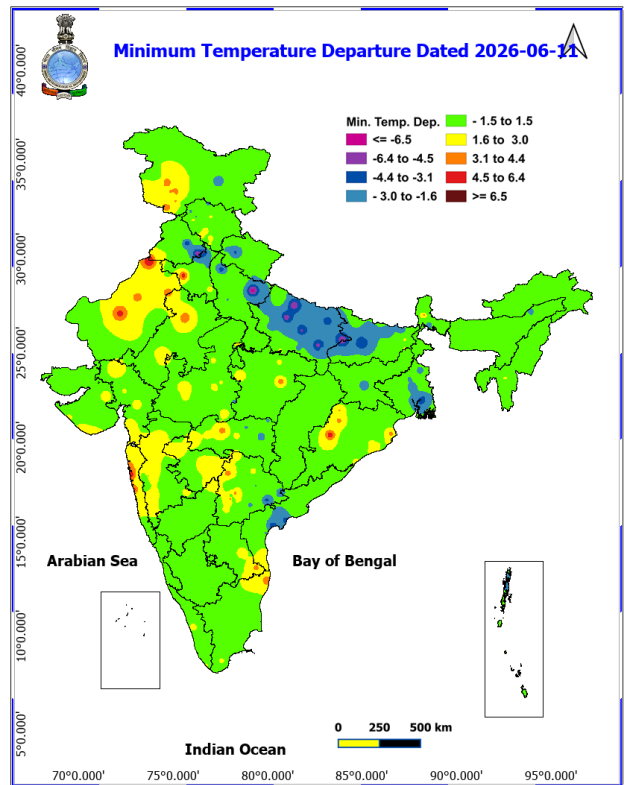
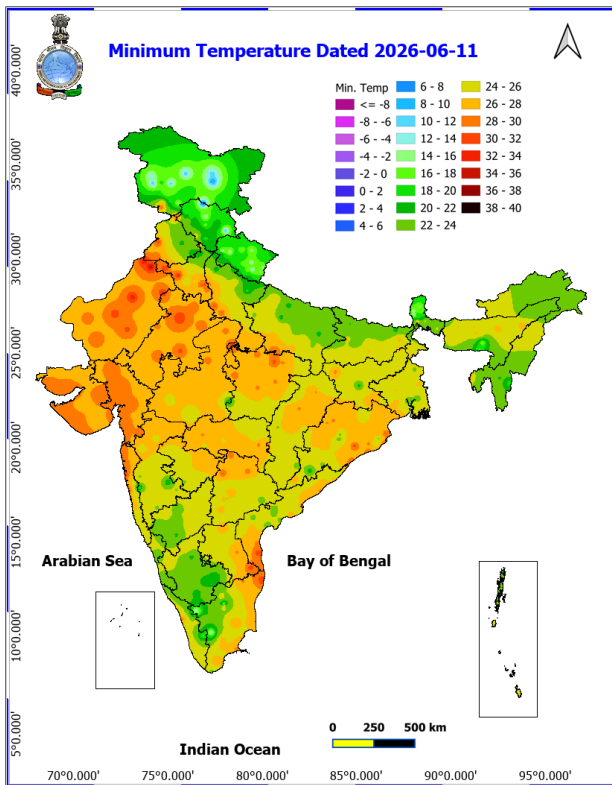
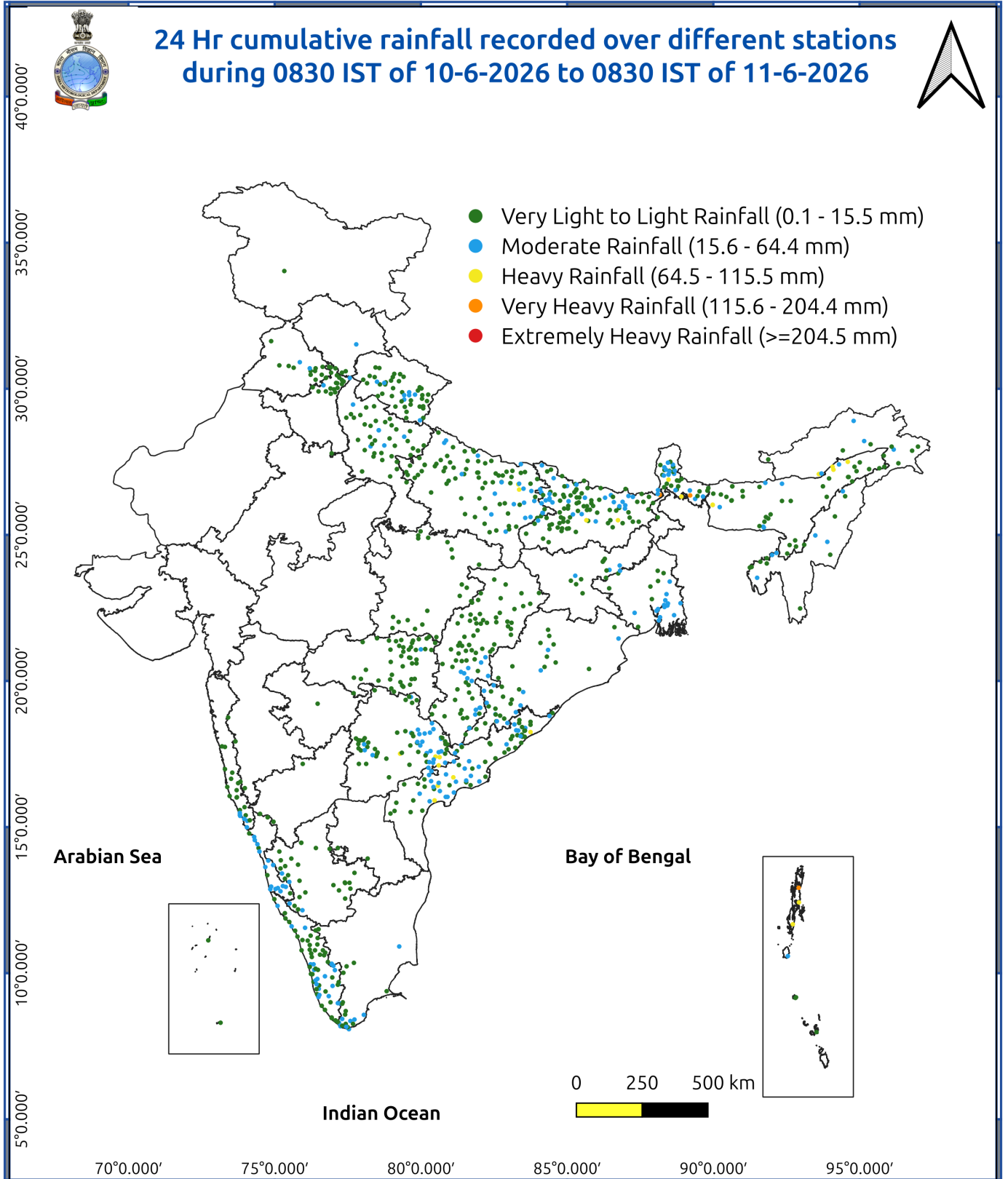


Fig. 3: Minimum Temperatures Dated 2026-06-11

Fig. 4: Departure of Minimum Temp. Dated 2026-06-11





Impact and Actions

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

- Isolated **heavy rainfall** likely over Uttarakhand during 11th-12th June; East Uttar Pradesh and West Uttar Pradesh on 11th June; Andaman & Nicobar Islands during 11th-12th June; Sub-Himalayan West Bengal & Sikkim during 12th-17th June; Gangetic West Bengal on 11th June; Bihar and Jharkhand during 12th-13th June; Odisha during 12th-15th June; Arunachal Pradesh on 11th June and during 14th-17th June; Assam & Meghalaya during 14th-17th June; Nagaland, Manipur, Mizoram & Tripura during 11th-13th June; Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Telangana during 11th-12th June; Kerala & Mahe during 13th-15th June; Lakshadweep on 11th June; Coastal Karnataka on 11th June and during 13th-15th June; North Interior Karnataka during 12th-13th June; South Interior Karnataka during 11th-13th June; Rayalaseema on 12th June.
- Isolated **very heavy rainfall** also likely over Bihar and Sub-Himalayan West Bengal & Sikkim on 11th June; Arunachal Pradesh during 12th-13th June; Assam & Meghalaya during 11th-13th June; Kerala & Mahe during 11th-12th June; Coastal Karnataka on 12th 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, Haryana Chandigarh & Delhi, Punjab and West Rajasthan during 11th-12th June; East Uttar Pradesh and West Uttar Pradesh on 11th June.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 11th-12th June; East Uttar Pradesh and West Uttar Pradesh on 12th June; East Rajasthan and West Rajasthan on 13th June; East Madhya Pradesh and West Madhya Pradesh on 12th June; Vidarbha during 12th-13th June; Chhattisgarh during 11th-12th June; Andaman & Nicobar Islands, Bihar, Gangetic West Bengal and Odisha during 11th-12th June; Jharkhand during 11th-13th June; Coastal Andhra Pradesh & Yanam during 11th-12th June.
- **Isolated Hailstorm activity** likely over Haryana Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Uttarakhand and West Uttar Pradesh during 11th-12th June; East Uttar Pradesh on 11th June; East Madhya Pradesh and West Madhya Pradesh on 12th June.

Impact expected:

- Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.

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- Minor to Major damage to banana and papaya trees.
- Minor to major damage to power and communication lines due to breaking of branches.
- Strong wind/hail may damage plantation, horticulture and standing crops.
- Partial damage to vulnerable structures due to strong winds.
- Minor damage to kutcha houses/walls and huts.
- Loose objects may fly.

Action suggested:

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

Impact Expected & Action Suggested due to

- **Heat wave** conditions very likely in isolated pockets over Coastal Andhra Pradesh & Yanam during 11th-12th June; Telangana during 11th-13th June; Vidarbha during 11th-12th 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 & Kashamir, Himachal Pradesh, Uttarakhand, Punjab, Haryana and Uttar 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.
- In **Madhya Pradesh**, undertake harvesting / picking of mature green gram, mango and vegetables as soon as possible. Keep harvested produce at safer place.

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.

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- 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 **Uttarakhand**, avoid nursery sowing of rice and sowing of vegetables during heavy rainfall. Provide staking to tomato plants at early growth stage.
- 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 staking support 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.
- 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**, ensure proper drainage in vegetables and orchards to prevent water stagnation. 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**, 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

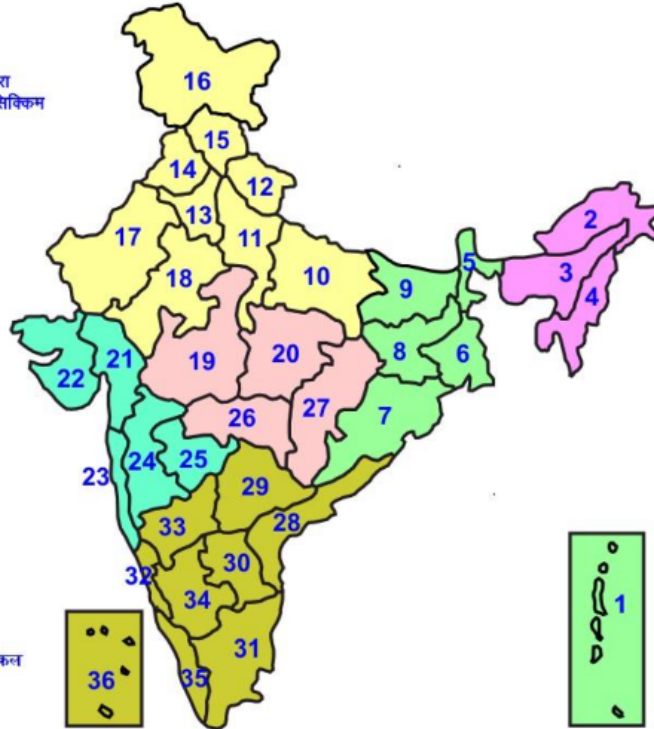
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- Provide mechanical support to horticultural crops and staking or support to vegetables 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 Strom: Wind speed > 220 kmph (> 119 knots)

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

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

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

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