

2025-06-15

Time of Issue: 13:51:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

South Peninsular India:

Light/moderate rainfall at many/some places accompanied with isolated **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** over Tamil Nadu, Puducherry & Karaikal on 15th & 16th and Telangana during 15th-19th June.

Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal on 17th, Kerala & Mahe on 18th & 19th, Lakshadweep, Telangana on 15th, Coastal Andhra Pradesh & Yanam on 15th & 16th, Karnataka during 16th-18th with

very heavy rainfall likely at isolated places over Tamil Nadu, Puducherry & Karaikal on 16th. Kerala & Mahe, Karnataka during 15th-17th with **Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe on 15th, Coastal Karnataka on 15th & 16th June.**

Strong surface winds (speed reaching 40-60 kmph) very likely over Kerala & Mahe, Lakshadweep during 15th-17th, Rayalaseema and Coastal Andhra Pradesh & Yanam during 15th-19th June.

West India:

Light/moderate rainfall at most/many places accompanied with **thunderstorm, lightning & gusty winds speed reaching 30-40 kmph** likely over Gujarat State during 15th -17th June.

Isolated **heavy rainfall** likely over Konkan & Goa, Madhya Maharashtra, Saurashtra & Kutch during 18th-21st; Gujarat Region on 18th & 19th June with

very heavy rainfall at isolated places over Konkan & Goa during 15th-18th, Madhya Maharashtra, Saurashtra & Kutch during 15th-17th; Gujarat Region on 15th & 16th June with **Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over Konkan & Goa on 15th & 16th June.**

East & Central India:

Light/moderate rainfall at most/many places accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Andaman & Nicobar Islands, Sub-Himalayan West Bengal & Sikkim on 15th, Madhya Pradesh, Vidarbha, Chhattisgarh during 15th-19th; Gangetic West Bengal, Bihar, Jharkhand, Odisha during 15th-20th during June with **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** very likely at isolated places over Jharkhand on 15th, West Madhya Pradesh on 15th & 16th, East Madhya Pradesh during 16th-19th, Chhattisgarh, Bihar on 15th & 16th June.

Isolated **heavy rainfall** also likely over West Madhya Pradesh on 15th, 20th & 21st, East Madhya Pradesh, Chhattisgarh, Vidarbha, Sub-Himalayan West Bengal & Sikkim during 16th-20th, Gangetic West Bengal, Bihar, during 15th-21st and Jharkhand, Odisha during 16th-20th June with **very heavy rainfall** over Sub-Himalayan West Bengal & Sikkim on 15th, Chhattisgarh, Gangetic West Bengal on 17th, Jharkhand, Odisha on 17th & 18th and over Bihar on 18th & 19th, East Madhya Pradesh on 19th & 20th, June.

Northwest India:

Light/moderate rainfall at some/isolated places accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Northwest India during 15th-21st June with **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** over Uttarakhand, Punjab, Haryana on 15th and during Rajasthan during

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

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

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

(Service to the nation since 1875)

15th-17th June.

Isolated **heavy rainfall** likely over Uttarakhand on 15th; Himachal Pradesh on 20th & 21st, Haryana on 15th & 21st, West Uttar Pradesh on 15th and during 18th-21st, East Uttar Pradesh during 18th-21st, West Rajasthan on 16th, East Rajasthan on 15th & 16th, 20th & 21st June with **very heavy rainfall** on Uttarakhand during 16th-21st June.

Dust storm (wind speed reaching 50-60 kmph gusting to 70 kmph) very likely at isolated places over West Rajasthan on 15th June.

Hailstorm also very likely at isolated places over north Haryana on 15th June.

Northeast India:

Light/moderate rainfall at many/most places accompanied with **thunderstorm, lightning & gusty winds speed reaching 30-50 kmph** likely to continue over Northeast India during next 7 days with **isolated heavy rainfall** over Arunachal Pradesh, Assam & Meghalaya on 15th & 16th June with **very heavy rainfall** over Arunachal Pradesh during 17th-21st, Assam & Meghalaya during 16th-21st, Nagaland, Manipur, Mizoram & Tripura during next 7 days.

Maximum Temperature Forecast:

Maximum Temperatures likely to fall by 3-5°C over Northwest India during next 24 hours and no significant change thereafter.

No significant change in maximum temperatures likely over Central India during next 24 hours and gradual fall by 2-4°C thereafter during subsequent 5 days.

Maximum Temperatures likely to fall by 3-4°C over Northwest India during next 3 days and no significant change thereafter.

No significant change in maximum temperatures likely over rest parts of the country.

Heat wave, Hot & Humid weather and Warm Night warnings:

Hot & humid weather is likely to prevail over East Uttar Pradesh and Bihar today on 15th June

Main Weather Observations:

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

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Konkan & Goa**: Mandangad (dist Ratnagiri) 25; Wakwali ARG (dist Ratnagiri) 20; Savarde-arg (dist Ratnagiri) 19; Mangaon (dist Raigad) 17; Sanguem (dist South Goa) 15; Shriwardhan (dist Raigad), Pawarwadi - ARG (dist Ratnagiri), Mhasla (dist Raigad) 14 Each; Sudhagad Pali (dist Raigad), Poladpur (dist Raigad), Lanja (dist Ratnagiri) 13 Each; Dapoli ARG (dist Ratnagiri) 12; Ratnagiri (dist Ratnagiri), Panjim (dist North Goa) 11 Each; Mormugao - Pmo IMD (dist South Goa), Ponda (dist North Goa), Uran (dist Raigad), Dodamarg (dist Sindhudurg), Dabolim N.a.s.- Navy (dist South Goa), Quepem (dist South Goa) 10 Each; Khed (dist Ratnagiri), Chiplun (dist Ratnagiri), Margao (dist South Goa), Rajapur (dist Ratnagiri) 9 Each; Murud (dist Raigad), Malvan (dist Sindhudurg), Guhagarh (dist Ratnagiri), Mahad (dist Raigad), Sangameshwar Devrukh (dist Ratnagiri) 8 Each; Mulde - AWS (dist Sindhudurg), Harnai IMD (dist Ratnagiri), Kudal (dist Sindhudurg), Mulde ARG (dist Sindhudurg), Canacona (dist South Goa), Awalegaon - ARG (dist Sindhudurg), Ambernath (dist Thane), Khalapur (dist Raigad), Ulhasnagar (dist Thane) 7 Each; **Sub Himalayan West Bengal & Sikkim**: Gurjongjhora Tea Estate (dist Jalpaiguri), Washabari Tea Estate (dist Jalpaiguri) 21 Each; Fagu Tea Estate (dist Jalpaiguri) 19; Baintgoorie T.e. (dist Jalpaiguri), Soongachi T.e. (dist Jalpaiguri) 18 Each; Neora (dist Jalpaiguri), Damdim Tea Estate (dist Jalpaiguri) 17 Each; Aibheel Tea Estate (dist Jalpaiguri), Chel (dist Jalpaiguri), Good Hope Tea Estate (dist Jalpaiguri), Kumlai T.e. (dist Jalpaiguri), Oodlabari Tea Estate (dist Jalpaiguri) 14 Each; Ghish (dist Jalpaiguri), Mogulkata Tea Estate (dist Jalpaiguri), Nagarkata (dist Jalpaiguri) 12 Each; Sevoke (dist Darjeeling) 11; Chepan (dist Alipurduar), Anandpur Tea Estate (dist Jalpaiguri) 10 Each; Chengmari/Diana (dist Jalpaiguri), Murti (dist Jalpaiguri), Ghughumari (dist Cooch Behar), Gaikata Tea Estate (dist Jalpaiguri), Gandrapara Tea Garden (dist Jalpaiguri), Jiti T.e. (dist Jalpaiguri), Moraghat Tea Estate (dist Jalpaiguri), Dima Tea Estate (dist Alipurduar) 9 Each; Gajoldoba (dist Jalpaiguri), Kailashpur Tea Estate (dist Jalpaiguri), Leesh River Tea Garden (dist Jalpaiguri), Saraswatipur Tea Estate (dist Jalpaiguri) 8 Each; Indong T.e. (dist Jalpaiguri), Noweranuddi Tea Garden (dist Jalpaiguri) 7 Each; **Coastal Karnataka**: Panambur (dist Dakshina Kannada) 20; Mangaluru (dist Dakshina Kannada) 17; Bantwal (dist Dakshina Kannada) 14; Mangaluru AP (dist Dakshina Kannada), Belthangadi (dist Dakshina Kannada) 13 Each; Mudubidre (dist Dakshina Kannada) 12; Mani (dist Dakshina Kannada), Castle Rock (dist Uttara Kannada), Uppinangadi (dist Dakshina Kannada), Manki (dist Uttara Kannada) 11 Each; Dharmasthala (dist Dakshina Kannada), Kadra (dist Uttara Kannada) 9 Each; Udupi (dist Udupi), Ankola (dist Uttara Kannada), Karkala (dist Udupi), Sulya (dist Dakshina Kannada) 8 Each; Puttur HMS (dist Dakshina Kannada) 7; **Kerala & Mahe**: Hosdurg (dist Kasargod), Kudulu (dist Kasargod) 15 Each; Vadakara (dist Kozhikode) 14; Panathur AWS (dist Kasargod) 13; Ponnani (dist Malappuram), Kodungallur (dist Thrissur), Alwaye PWD (dist Ernakulam) 12 Each; Chalakudi (dist Thrissur), Aluva AWS (dist Ernakulam), Munakkal AWS (dist Thrissur) 11 Each; Enamakal (dist Thrissur), Kochi C.i.a.l. (dist Ernakulam), Perumpavur (dist Ernakulam), Kannur Icar AWS (dist Cannur), Peringome AWS (dist Cannur), Muliya AWS (dist Kasargod), Lower Sholayar AWS (dist Thrissur) 10 Each; Kayamkulam (dist Alapuzha), Kochi IAF (dist Ernakulam), Angadipuram (dist Malappuram), Kannur (dist Cannur), Chemberi AWS (dist Cannur), Mattanchery AWS (dist Ernakulam), Kalamassery AWS (dist Ernakulam), Vadakara AWS (dist Kozhikode), Athirappalli AWS (dist Thrissur), Ernakulam South (dist Ernakulam) 9 Each; Quilandi (dist Kozhikode), Irinjalakuda (dist Thrissur), Peermade To (dist Idukki), Thritla (dist Palakkad), Mannarkkad (dist Palakkad), Pattermbi (dist Palakkad), Ayyankunnu AWS (dist Cannur), Choondy AWS (dist Ernakulam), Bayar AWS (dist Kasargod), Kunnamangalam AWS (dist Kozhikode), Kozhikode (dist Kozhikode) 8 Each; Nilambur (dist Malappuram), Mancompu (dist Alapuzha), Piravam (dist Ernakulam), Haripad (dist Alapuzha), Vellanikkara (dist Thrissur), Vilangankunnu ARG (dist Thrissur), Palluruthy ARG (dist Ernakulam), Kannur Airport AWS (dist Cannur), Nooranad AWS (dist Alapuzha), Pinarayi AWS (dist Cannur), Mannarkkad AWS (dist Palakkad), Laha AWS (dist Pathanamthitta), Peechi AWS (dist Thrissur) 7 Each; **South Interior Karnataka**: Kottigehara (dist Chikkamagaluru) 15; Bhagamandala (dist Kodagu) 13; **Tamil Nadu, Puducherry & Karaikal**: Avalanche (dist Nilgiris) 14; Chinnakalar (dist Coimbatore) 13; Upasi Tea Research AWS (dist Coimbatore) 9; Valparai PTO (dist Coimbatore), Cincona (dist Coimbatore), Worth Estate Cher (dist Nilgiris), Taluk Office Pandalur (dist Nilgiris) 8 Each; Devala (dist Nilgiris), Sholayar (dist Coimbatore), Upper Bhavani (dist Nilgiris), Valparai Pap (dist

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

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

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

(Service to the nation since 1875)



Coimbatore) 7 Each; **Bihar:** Pothia (dist Kishanganj) 13; **Assam & Meghalaya:** Amraghat (dist Cachar) 11; Silchar (dist Cachar) 7; **Saurashtra & Kutch:** Gondal (dist Rajkot) 10; Rajkot (dist Rajkot), Dasada (dist Surendranagar) 7 Each; **Telangana:** Venkatapur (dist Mulugu) 9; Kagaznagar (dist Kumaram Bheem) 7; **East Madhya Pradesh:** Umreth (dist Chindwara) 8; Garhakota (dist Sagar), Banda (dist Sagar) 7 Each; **Gujarat Region:** Khambhat (dist Anand) 8; **West Uttar Pradesh:** Gunnaur (dist Sambhal) 8; **Gangetic West Bengal:** Sagar Island PTO (dist South 24 Parganas) 8; **Nagaland, Manipur, Mizoram & Tripura:** Lengpui (dist Aizawl) 8; Saiha (dist Saiha), Kolasib ARG (dist Kolasib) 7 Each; **Andaman & Nicobar Islands:** Maya Bandar (dist North & Middle Andaman) 7; **Madhya Maharashtra:** Shahuwadi (dist Kolhapur), Gaganbawada (dist Kolhapur) 7 Each; **East Rajasthan:** Sagwara (dist Dungarpur) 7; **Odisha:** Daspalla (dist Nayagarh) 7; **West Madhya Pradesh:** Khandwa (dist Khandwa) 7.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Extremely heavy rain** at isolated places over Sub Himalayan West Bengal & Sikkim, Konkan & Goa and Coastal Karnataka. **Heavy to very heavy rain** at isolated places over Sub Himalayan West Bengal & Sikkim, Bihar, Konkan & Goa, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka, South Interior Karnataka and Kerala & Mahe. **Heavy rain** at a few places over Konkan & Goa, Coastal Karnataka and Kerala & Mahe and at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Odisha, West Uttar Pradesh, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Madhya Maharashtra, Telangana and North Interior Karnataka.

❖ **Minimum Temperature Departures (as on 15-06-2025):** **markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Odisha, Bihar, West Uttar Pradesh, Himachal Pradesh, West Rajasthan, East Madhya Pradesh and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at many places over Punjab; at few places over Jharkhand, East Uttar Pradesh and Haryana-Chandigarh-Delhi; at isolated places over Gangetic West Bengal, West Madhya Pradesh, Gujarat Region, Madhya Maharashtra and Vidarbha. **above normal(1.6°C to 3.0°C)** at many places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at few places over Andaman & Nicobar Islands, Arunachal Pradesh, Uttarakhand and Rayalaseema; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Chhattisgarh, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over Kerala & Mahe; at most places over East Rajasthan, Konkan & Goa, Marathwada, Telangana, Coastal Karnataka, North Interior Karnataka and South Interior Karnataka; at few places over Lakshadweep. **The lowest minimum temperature** of 20.0°C was reported at NEW DELHI (SAFDARJUNG) (DELHI UT), KHANDWA (MADHYA PRADESH), and DHARWAD (KARNATAKA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 14-06-2025):** **markedly above normal(> 5.1°C)** at few places over Assam & Meghalaya; at isolated places over Sub Himalayan West Bengal & Sikkim, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh and East Madhya Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at many places over Punjab; at most places over Bihar; at few places over Nagaland, Manipur, Mizoram & Tripura, Haryana-Chandigarh-Delhi and West Rajasthan; at isolated places over Gangetic West Bengal, Odisha, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, East Rajasthan, Gujarat Region, Saurashtra & Kutch and Vidarbha. **above normal(1.6°C to 3.0°C)** at many places over Uttarakhand; at most places over Arunachal Pradesh; at isolated places over Chhattisgarh and Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over Konkan & Goa and Madhya Maharashtra; at most places over Jharkhand, Coastal Karnataka and Lakshadweep; at few places over Andaman & Nicobar Islands, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema and Kerala & Mahe; at isolated places over North Interior Karnataka and South Interior Karnataka. **The highest maximum temperature** of 46.5°C was reported at SRIGANGANAGAR (RAJASTHAN).

❖ **Maximum Temperature Changes (as on 14-06-2025):** **Markedly fall at** at most places over Arunachal Pradesh; at few places over Assam & Meghalaya and West Rajasthan; at isolated places over West Uttar Pradesh, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **Appreciable fall at** at many places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at few places over Nagaland, Manipur, Mizoram & Tripura; at isolated places over Sub Himalayan West Bengal & Sikkim, Himachal Pradesh, East Rajasthan, West Madhya Pradesh and East Madhya Pradesh. **Appreciable rise at** at many places over Haryana-Chandigarh-Delhi, Punjab, Saurashtra & Kutch, Marathwada, Chhattisgarh and Telangana; at most places over Andaman & Nicobar Islands, Gangetic West Bengal, Odisha, Jharkhand, Bihar, East Uttar Pradesh, Gujarat Region, Madhya Maharashtra, Vidarbha, Rayalaseema, North Interior Karnataka, South Interior Karnataka and Lakshadweep; at few places over Coastal Karnataka; at isolated places over Uttarakhand.

❖ **Minimum Temperature Changes (as on 15-06-2025):** **markedly fall at** at many places over Vidarbha; at few places over Haryana-Chandigarh-Delhi, West Rajasthan and East Madhya Pradesh; at isolated places over Assam & Meghalaya, Gangetic West Bengal, East Uttar Pradesh, West Uttar Pradesh, East Rajasthan, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch and Chhattisgarh. **Appreciable fall at** at few places over Sub Himalayan West

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

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

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

(Service to the nation since 1875)



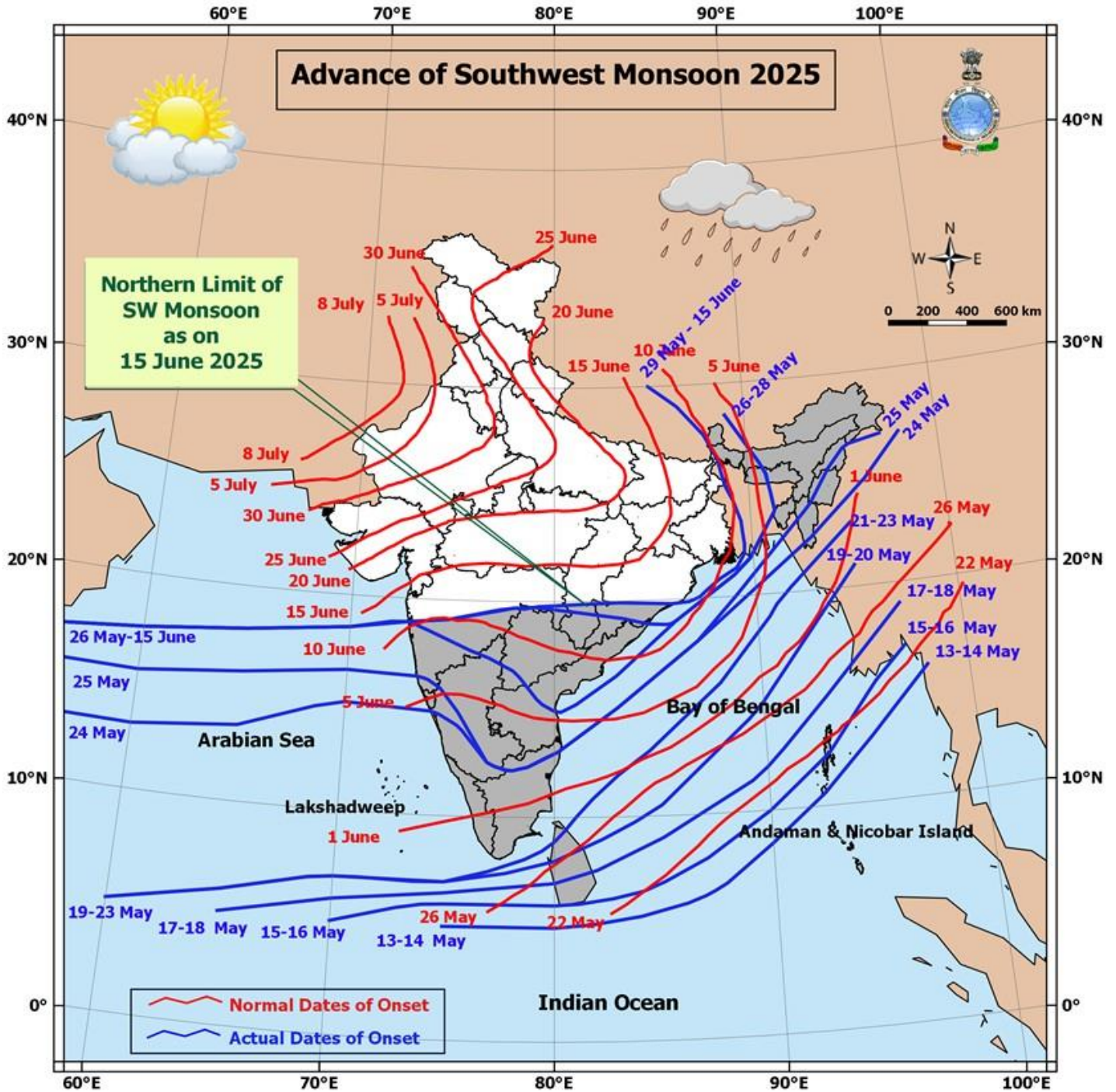
Bengal & Sikkim and Jammu-Kashmir Ladakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Odisha, Bihar, Punjab, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **Appreciable rise at** at many places over Jharkhand; at most places over Andaman & Nicobar Islands, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Uttarakhand, Konkan & Goa, Madhya Maharashtra, Marathwada, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe and Lakshadweep; at few places over Himachal Pradesh.

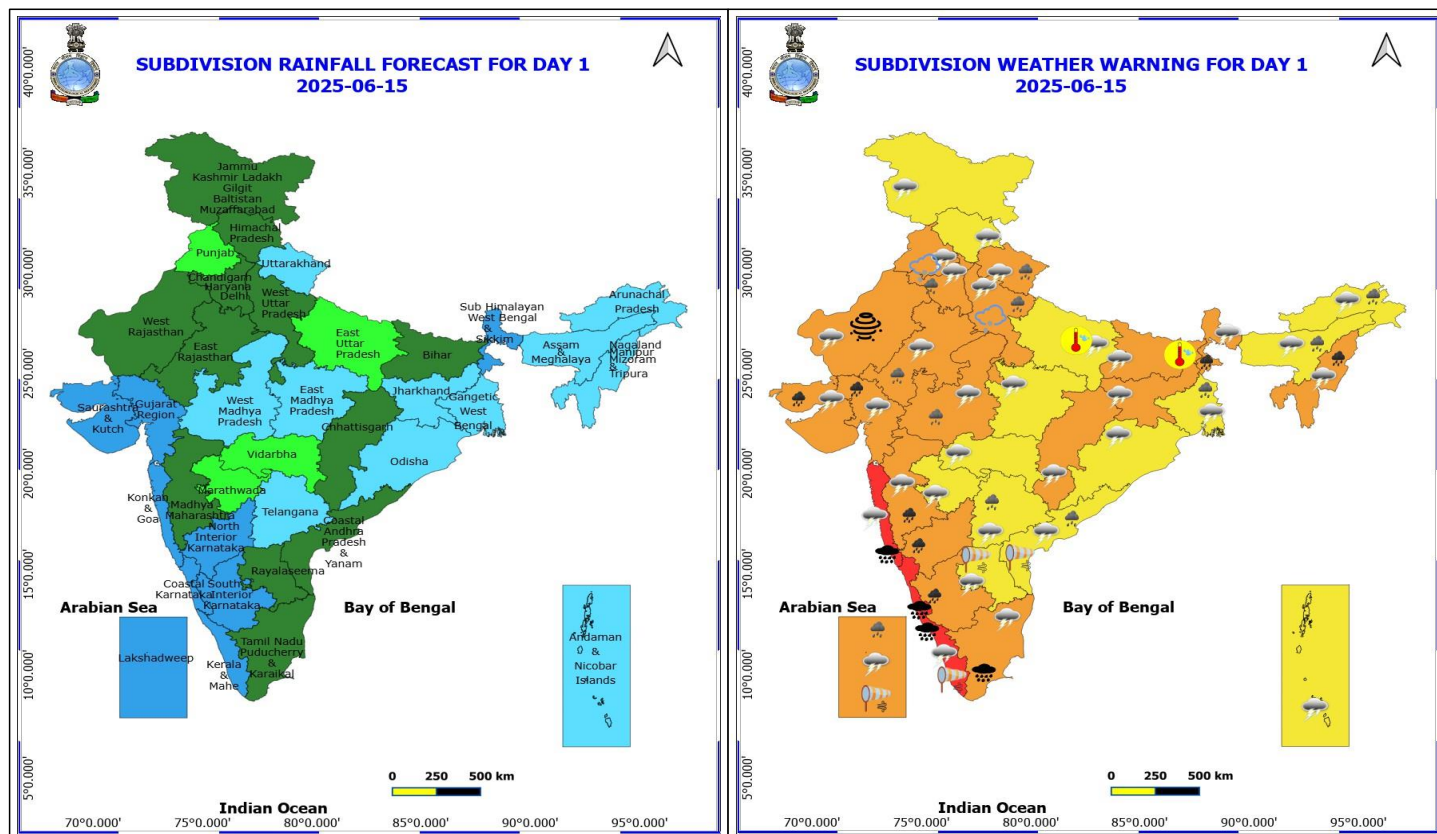
Meteorological Analysis (Based on 0830 hours IST)

- The Northern Limit of Monsoon continues to pass through 17.0°N/55°E, 17.5°N/60°E, 18°N/65°E, 18.5°N/70°E, Mumbai, Ahilyanagar, Adilabad, Bhawanipatna, Puri, Sandhead Island, 23.5°N/89.5°E, Balurghat, 30°N/85°E.
- Conditions are favourable for further advancement of Southwest monsoon over some parts of Gujarat, some more parts of Vidarbha, Chhattisgarh & Odisha during next 24 hours; over some parts of West Bengal, Jharkhand, Bihar and East Uttar Pradesh during subsequent 3 days.
- The **cyclonic circulation** over south Bangladesh & adjoining north Bay of Bengal now lies over Northwest Bay of Bengal & neighbourhood between 3.1 & 7.6 km above mean sea level tilting Southwestwards with height.
- The **cyclonic circulation** over westcentral Bay of Bengal off north Coastal Andhra Pradesh coast at 5.8 km above mean sea level has merged with the above cyclonic circulation.
- The **upper air cyclonic circulation** over Marathwada now lies over South Madhya Maharashtra & neighbourhood and extends upto 7.6 km above mean sea level titling southwestwards with height.
- A **trough** runs from East Madhya Pradesh to Bangladesh across Chhattisgarh, Jharkhand & Gangetic West Bengal and extends upto 1.5 km above mean sea level tilting Southwestwards with height.
- The **cyclonic circulation** over Central Assam & neighbourhood persists and now seen at 4.5 km above mean sea level.
- The **upper air cyclonic circulation** over West Rajasthan & adjoining Pakistan now lies over North Rajasthan & neighbourhood and extends upto 1.5 km above mean sea level.
- The **trough** now runs from the above upper air cyclonic circulation over North Rajasthan & neighbourhood to West Madhya Pradesh at 1.5 km above mean sea level.
- An **upper air cyclonic circulation** lies over south Himachal Pradesh & adjoining north Uttarakhand at 1.5 km above mean sea level.
- An **upper air cyclonic circulation** lies over East Uttar Pradesh & neighbourhood at 0.9 km above mean sea level.
- The **Western Disturbance** as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 70°E to the north of Lat. 26°N persists.
- The **trough** from above cyclonic circulation over south Bangladesh & adjoining north Bay of Bengal to south Odisha at 3.1 km above mean sea level has become less marked.
- The **trough** from the upper air cyclonic circulation over Marathwada & neighbourhood to coastal Andhra Pradesh across Telangana between 3.1 & 5.8 km above mean sea level has become less marked.

Weather Outlook for subsequent 3 days

Fairly widespread to widespread rainfall activity likely over West, Northwest, East, Northeast India, Chhattisgarh, Madhya Pradesh, Coastal Karnataka, North Coastal Andhra Pradesh and Lakshadweep.
Isolated to scattered rainfall likely over Remaining parts of the country.





15 June (Day 1)

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

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

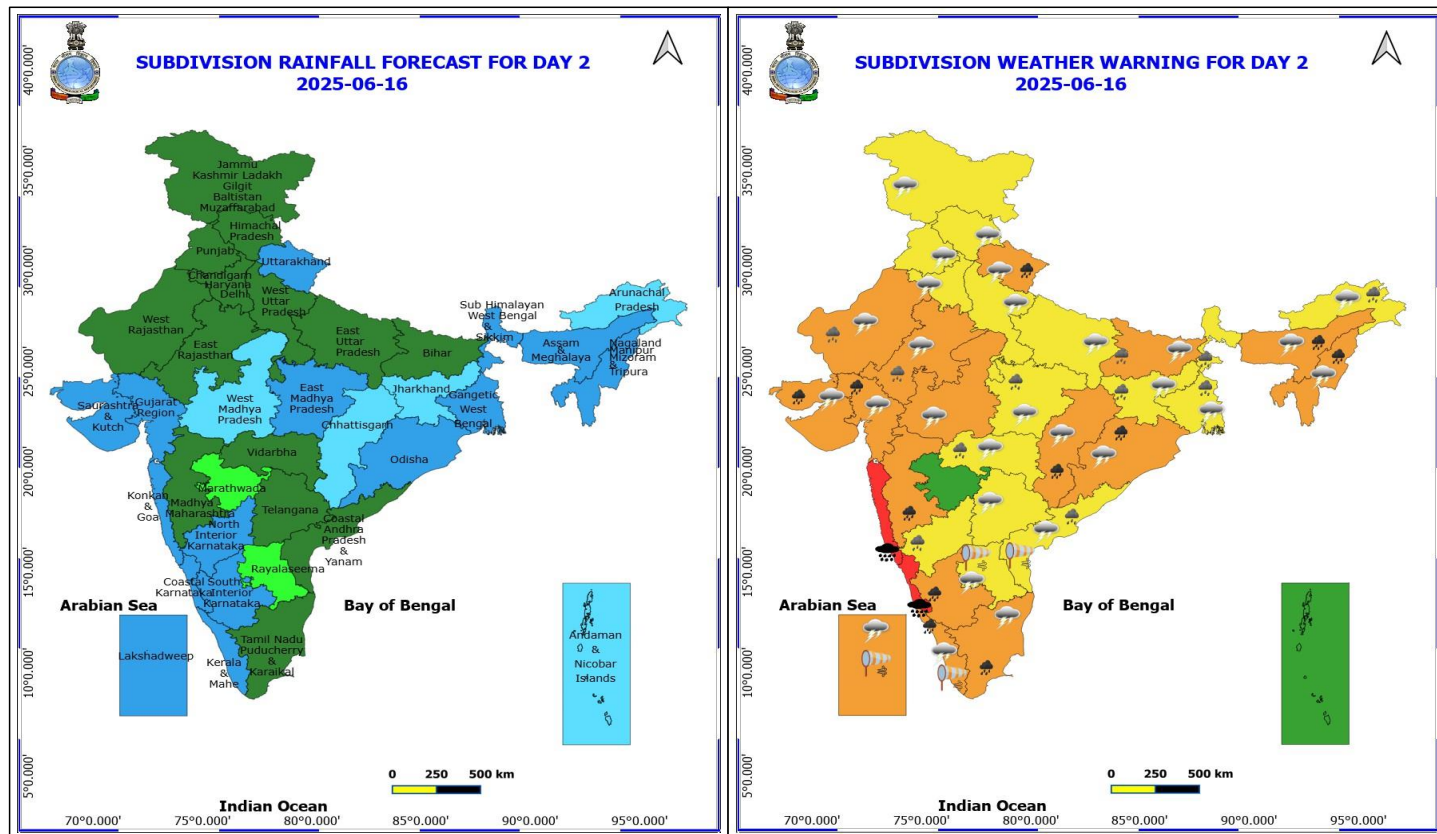
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)



- ❖ **Dust Storm** very likely at isolated places over West Rajasthan.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh, Kerala & Mahe and Lakshadweep.
- ❖ **Hot and Humid weather** very likely at isolated places over Bihar and East Uttar Pradesh.
- ❖ **Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail along and off Somalia coast, most parts of westcentral Arabian Sea & adjoining and some parts of eastcentral Arabian Sea, many parts of southwest Arabian Sea, adjoining parts of southeast Arabian Sea, along and off Yemen, Oman coasts and over Gulf of Mannar. **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail along and off Konkan, Goa, Karnataka, Kerala, Sri Lanka, Tamil Nadu, Andhra Pradesh coasts, over southeast Arabian Sea, most parts of eastcentral Arabian Sea, many parts of southwest Arabian sea & westcentral Arabian Sea, over southern parts of northeast Arabian Sea, over Lakshadweep, Maldives, Comorin areas, over most parts of south Bay of Bengal, over central Bay of Bengal, and over Andaman Sea. **Squally weather with wind speed 45 - 55 kmph gusting to 65 kmph** likely to prevail along and off south Gujarat and north Konkan coasts, many parts of westcentral Bay of Bengal & adjoining parts of southwest & eastcentral Bay of Bengal. Fishermen are advised not to venture into these areas.



16 June (Day 2)

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

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

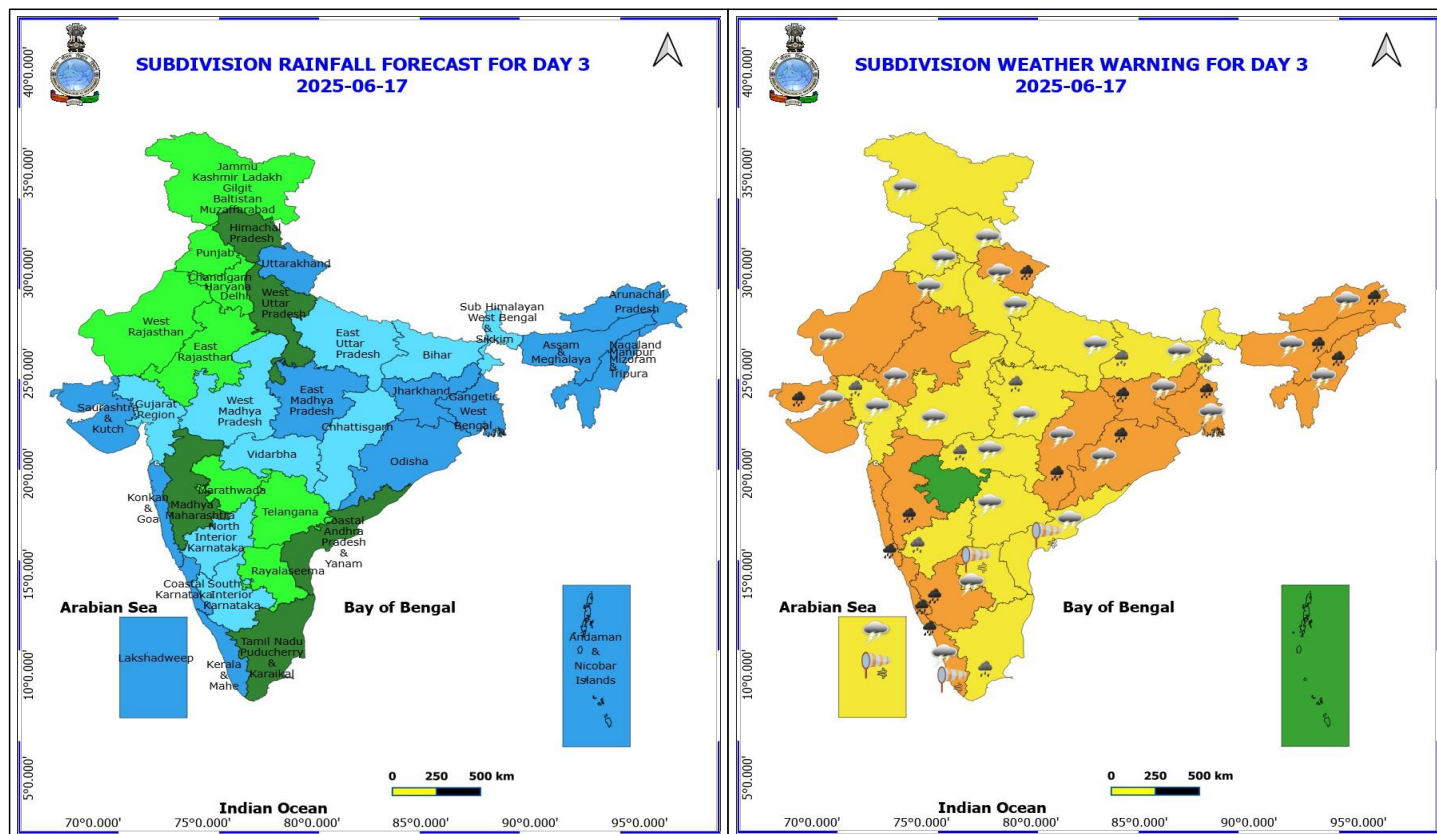
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)



❖ **Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail along and off Somalia coast, most parts of westcentral Arabian Sea & adjoining, some parts of eastcentral Arabian Sea, many parts of southwest Arabian Sea, adjoining parts of southeast Arabian Sea, along and off Oman & adjoining Yemen coasts. **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail along and off Gujarat, Konkan, Goa, Karnataka, Kerala, Sri Lanka, Tamil Nadu, Andhra Pradesh coasts, over southeast Arabian Sea, most parts of eastcentral Arabian Sea, many parts of southwest Arabian sea & westcentral Arabian Sea, over many parts of northeast Arabian Sea, over Lakshadweep, Maldives, Comorin areas, over Gulf of Mannar, over most parts of southwest and adjoining southeast Bay of Bengal, over central Bay of Bengal, and over north Andaman Sea. **Squally weather with wind speed 45 - 55 kmph gusting to 65 kmph** likely to prevail many parts of central Bay of Bengal & adjoining parts of southwest Bay of Bengal. Fishermen are advised not to venture into these areas.



17 June (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, Gangetic West Bengal, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Saurashtra & Kutch, South Interior Karnataka and Uttarakhand.
- ❖ **Heavy Rainfall** very likely at isolated places over Bihar, East Madhya Pradesh, Gujarat Region, North Interior Karnataka, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal and Vidarbha.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over East Madhya Pradesh and Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Assam & Meghalaya, Bihar, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Kerala & Mahe, Lakshadweep, Nagaland, Manipur, Mizoram and Tripura, Punjab, Uttar Pradesh, Uttarakhand and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Gangetic West Bengal, Gujarat State, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha, Telangana and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh, Arunachal Pradesh and Chhattisgarh.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh, Kerala & Mahe and Lakshadweep.
- ❖ **Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail along and off Somalia coast,

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

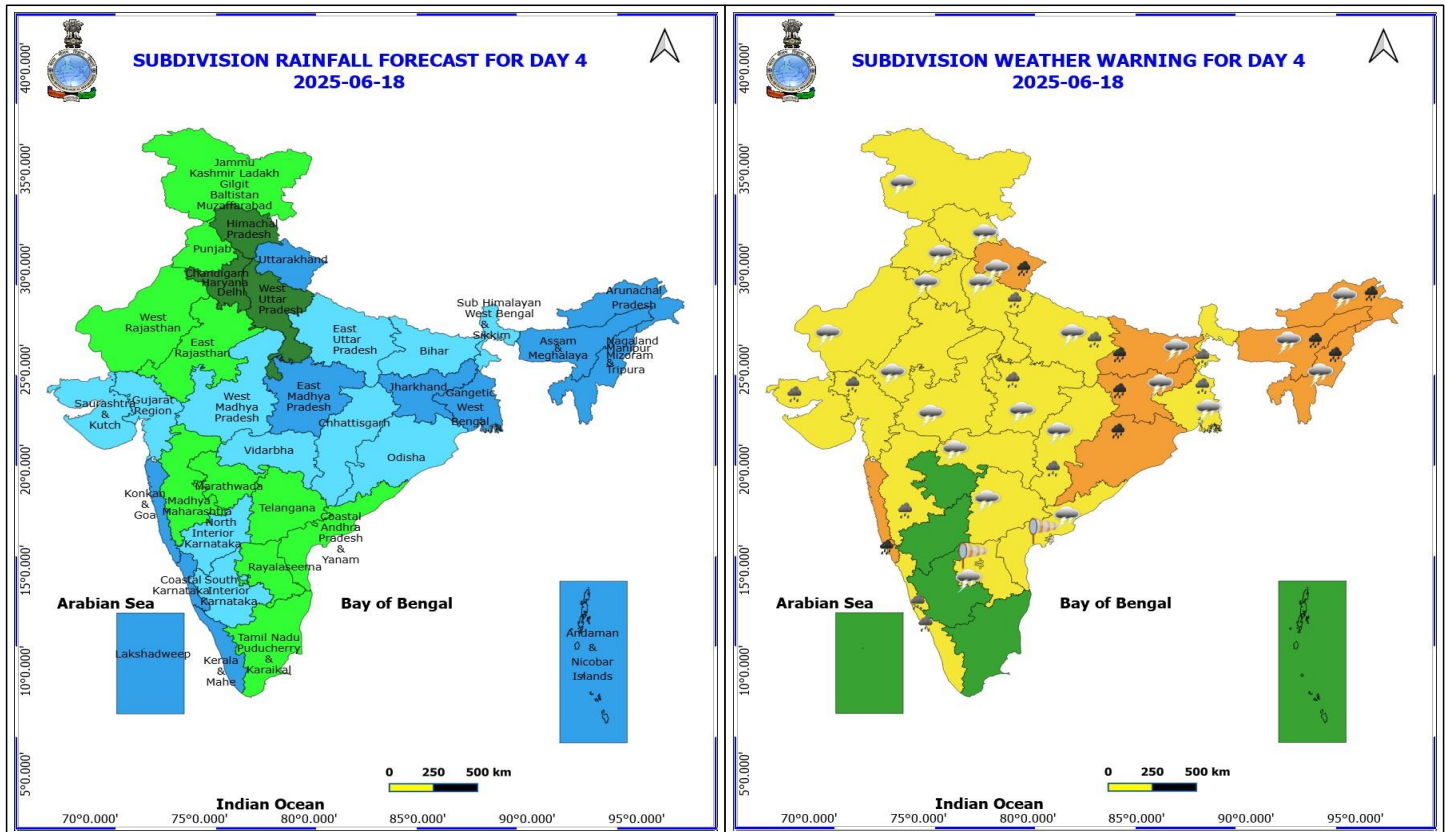
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)



most parts of westcentral Arabian Sea & adjoining, some parts of eastcentral Arabian Sea, many parts of southwest Arabian Sea, adjoining parts of southeast Arabian Sea, along and off Oman & adjoining Yemen coasts. **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail along and off Gujarat, Konkan, Goa, Karnataka, Kerala, Sri Lanka, Tamil Nadu, Andhra Pradesh, Odisha, West Bengal coasts, over southeast Arabian Sea, most parts of eastcentral Arabian Sea, many parts of southwest Arabian sea & westcentral Arabian Sea, over many parts of northeast Arabian Sea, over Lakshadweep, Maldives, Comorin areas, over Gulf of Mannar, over most parts of southwest and adjoining southeast Bay of Bengal, over most parts of central and north Bay of Bengal, and over north Andaman Sea. **Squally weather with wind speed 45 - 55 kmph gusting to 65 kmph** likely to prevail many parts of westcentral Bay of Bengal, adjoining and some parts of eastcentral Bay of Bengal. Fishermen are advised not to venture into these areas.



18 June (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Jharkhand, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura, Odisha and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Chhattisgarh, Coastal Karnataka, East Madhya Pradesh, Gujarat State, Kerala & Mahe, Madhya Maharashtra, Uttar Pradesh and West Bengal & Sikkim.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over East Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Assam & Meghalaya, Bihar, Haryana, Chandigarh & Delhi, Himachal Pradesh, Nagaland, Manipur, Mizoram and Tripura, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Telangana and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Andhra Pradesh, Arunachal Pradesh and Chhattisgarh.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh.
- ❖ **Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail along and off Somalia coast, most parts of westcentral Arabian Sea & adjoining, some parts of eastcentral Arabian Sea, many parts of southwest Arabian Sea, adjoining parts of southeast Arabian Sea, along and off Oman & adjoining Yemen coasts. **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail along and off Gujarat, Konkan, Goa, Karnataka, Kerala, north Andhra Pradesh, Odisha, West Bengal coasts, over southeast Arabian Sea, most parts of eastcentral Arabian Sea, many parts of southwest Arabian sea & westcentral Arabian Sea, over most parts of

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

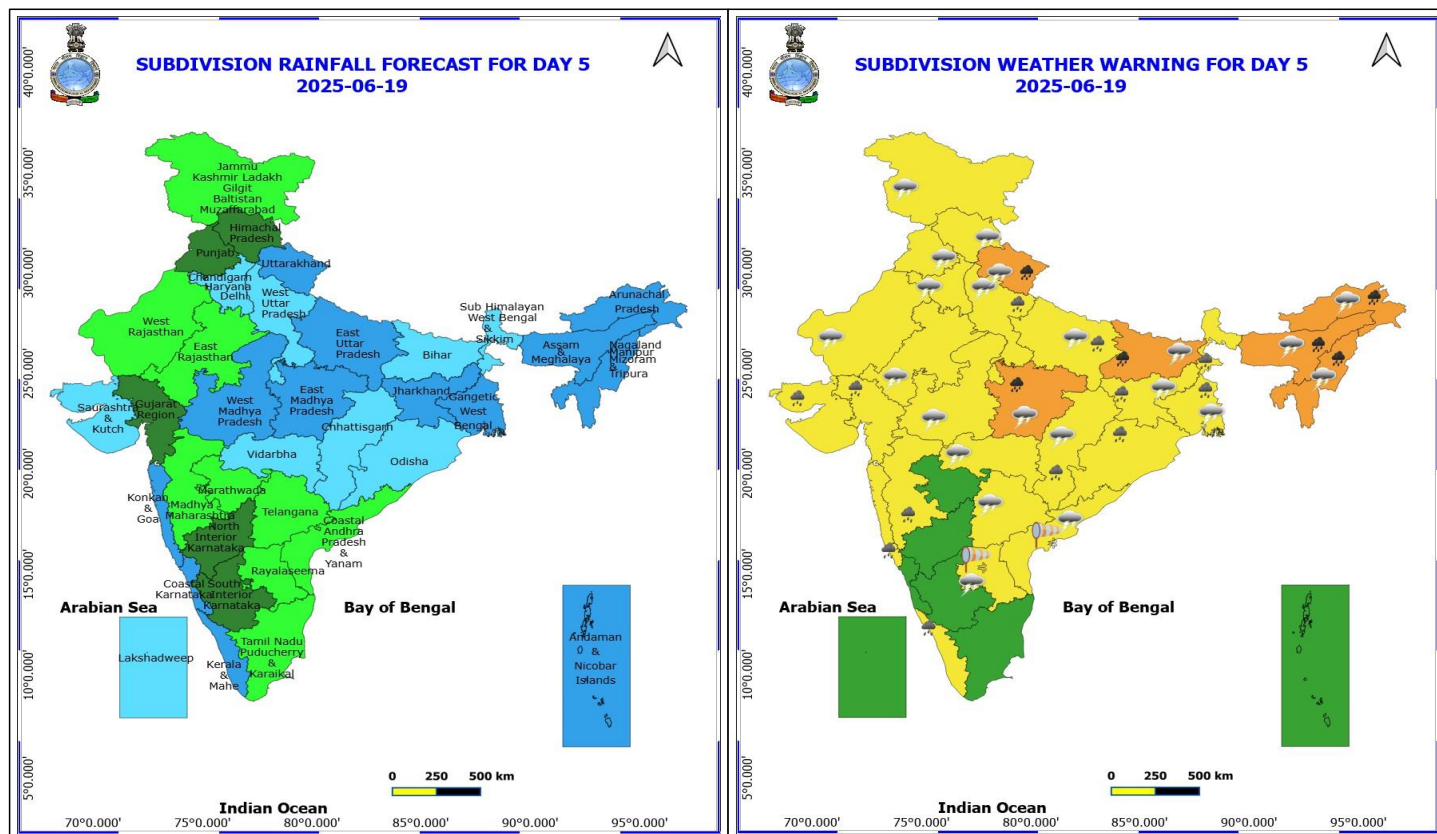
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)



northeast Arabian Sea, over Lakshadweep, Maldives, Comorin areas, over Gulf of Mannar, over some parts of southwest and few parts of southeast Bay of Bengal, over most parts of central and north Bay of Bengal, and over north Andaman Sea. **Squally weather with wind speed 45 - 55 kmph gusting to 65 kmph** likely to prevail over few northern parts of central Bay of Bengal. Fishermen are advised not to venture into these areas.



19 June (Day 5)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, East Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Chhattisgarh, Gujarat State, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Odisha, Uttar Pradesh and West Bengal & Sikkim.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over East Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Bihar, Haryana, Chandigarh & Delhi, Himachal Pradesh, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Assam & Meghalaya, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Telangana and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Andhra Pradesh, Arunachal Pradesh and Chhattisgarh.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh.

Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph likely to prevail along and off Somalia coast, most parts of westcentral Arabian Sea & adjoining, some parts of eastcentral & northwest Arabian Sea, many parts of southwest Arabian Sea, along and off Oman & adjoining Yemen coasts. **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail along and off Gujarat, Konkan, Goa, Karnataka, Kerala, north Andhra Pradesh, Odisha, West Bengal coasts, over southeast Arabian Sea, most parts of eastcentral Arabian Sea, many

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

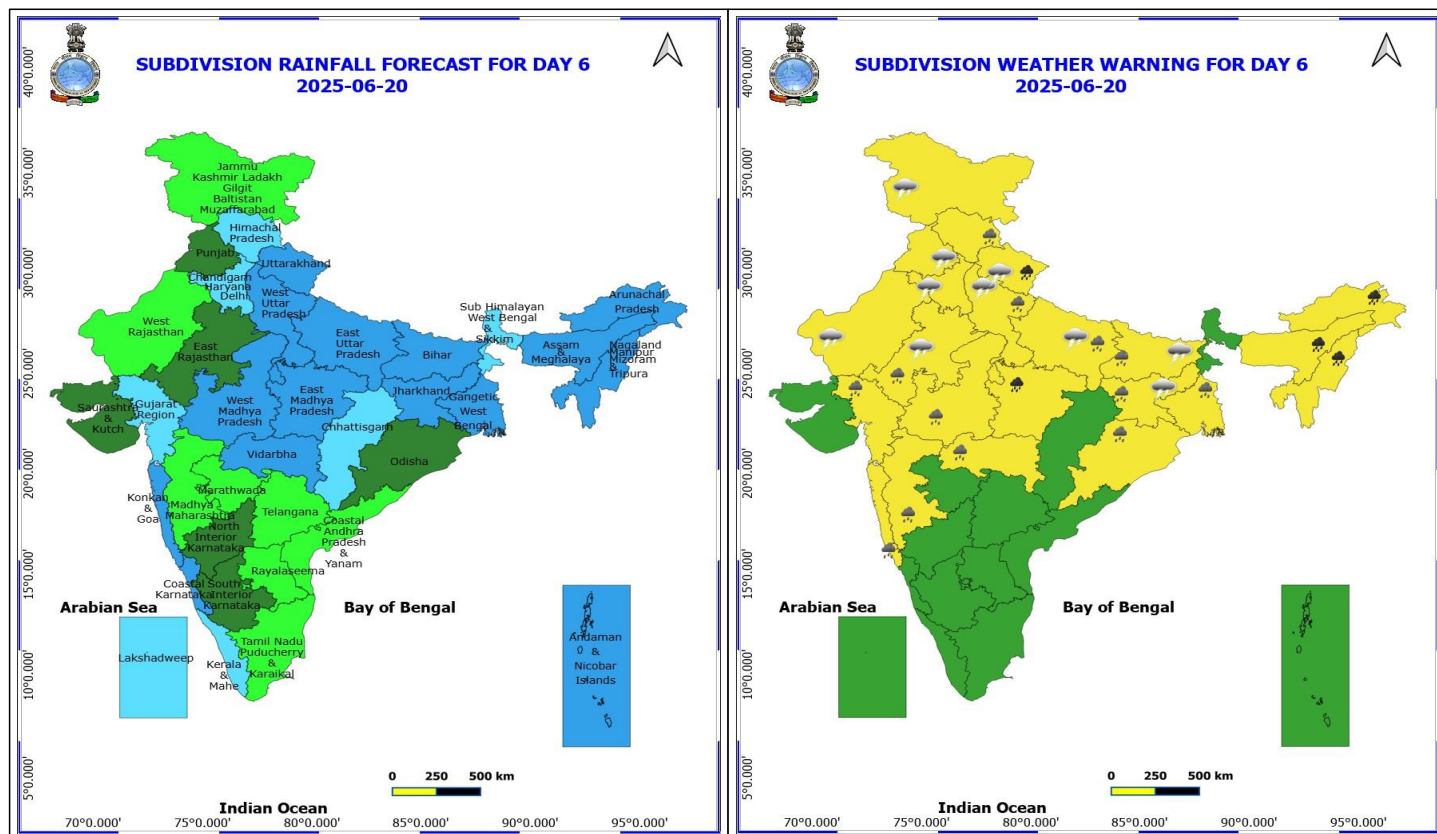
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)



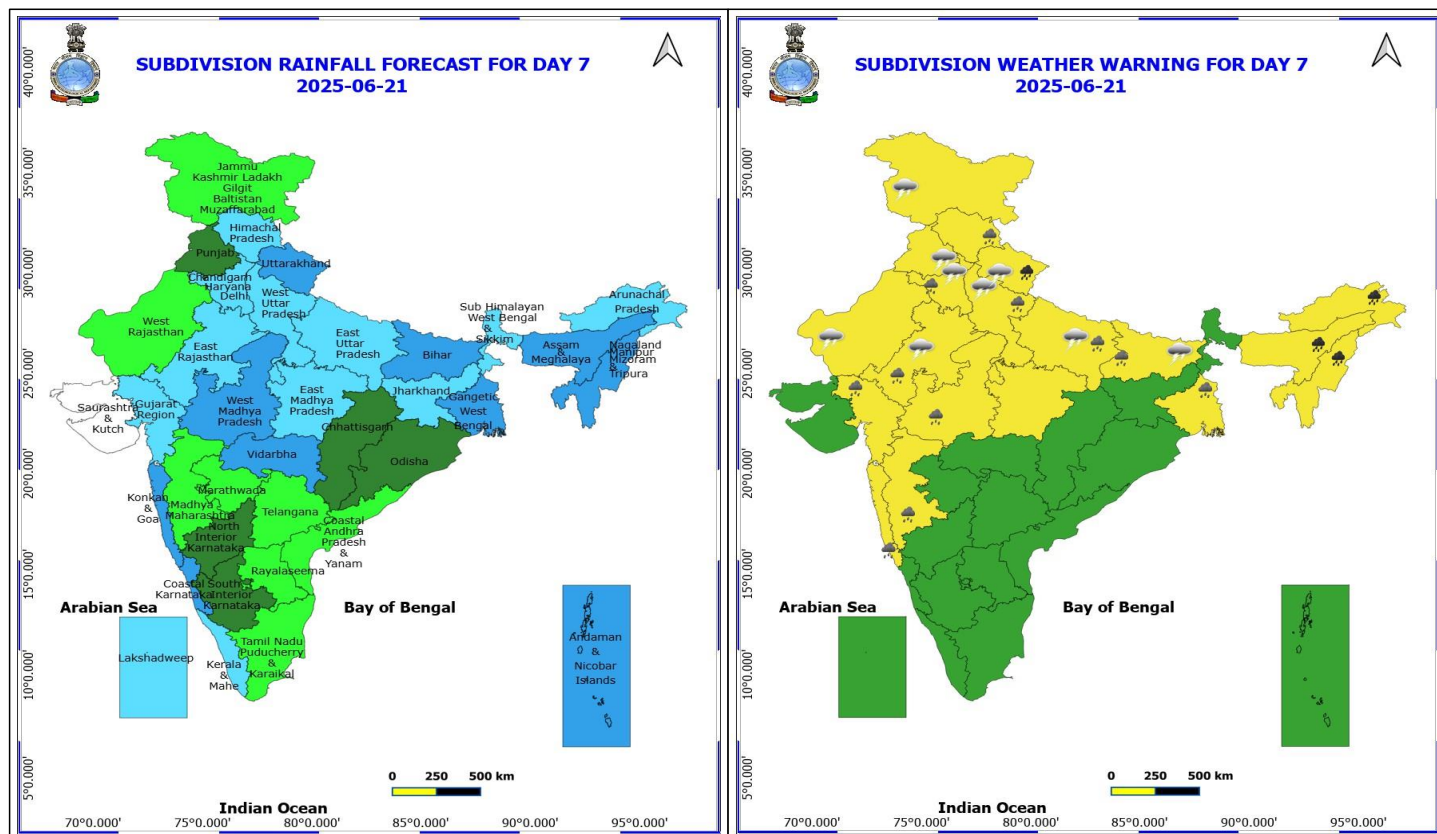
parts of southwest Arabian sea & westcentral Arabian Sea, over most parts of northeast Arabian Sea, over Lakshadweep, Maldives, Comorin areas, over Gulf of Mannar, over some parts of southwest and few parts of southeast Bay of Bengal, over most parts of central and north Bay of Bengal, and over north Andaman Sea. **Squally weather with wind speed 45 - 55 kmph gusting to 65 kmph** likely to prevail over few northern parts of central Bay of Bengal. Fishermen are advised not to venture into these areas.



20 June (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, East Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, East Rajasthan, Gangetic West Bengal, Gujarat Region, Himachal Pradesh, Jharkhand, Konkan & Goa, Madhya Maharashtra, Odisha, Uttar Pradesh, Vidarbha and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Bihar, Haryana, Chandigarh & Delhi, Punjab, Rajasthan, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Jharkhand.

No Fishermen Warning



21 June (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, East Rajasthan, Gangetic West Bengal, Gujarat Region, Haryana, Chandigarh & Delhi, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, Uttar Pradesh and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Bihar, Haryana, Chandigarh & Delhi, Punjab, Rajasthan, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.

No Fishermen Warning



Table-1

7 Days Rainfall Forecast

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

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

*Red color warning does not mean "Red Alert" Red color warning means "Take Action"
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day
For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599
(Service to the nation since 1875)

Fig. 1: Maximum Temperatures Dated 2025-06-15

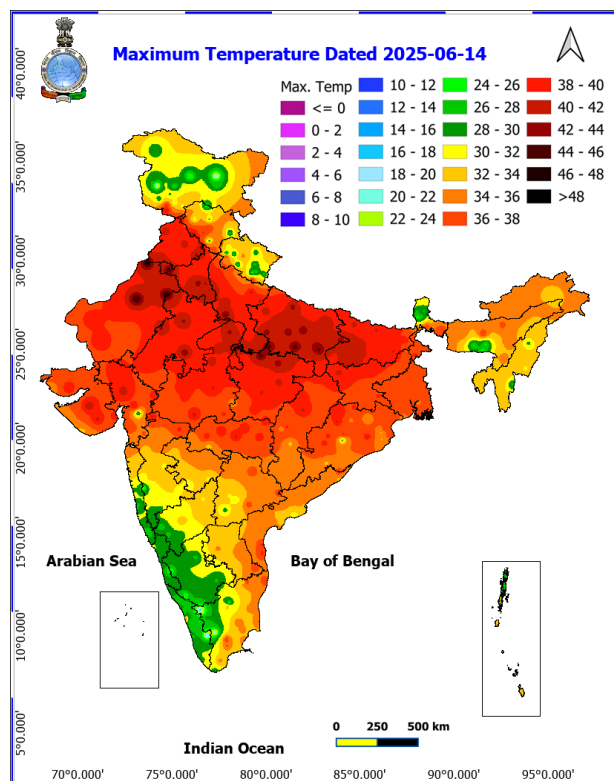


Fig. 2: Departure of Maximum Temp. Dated 2025-06-15

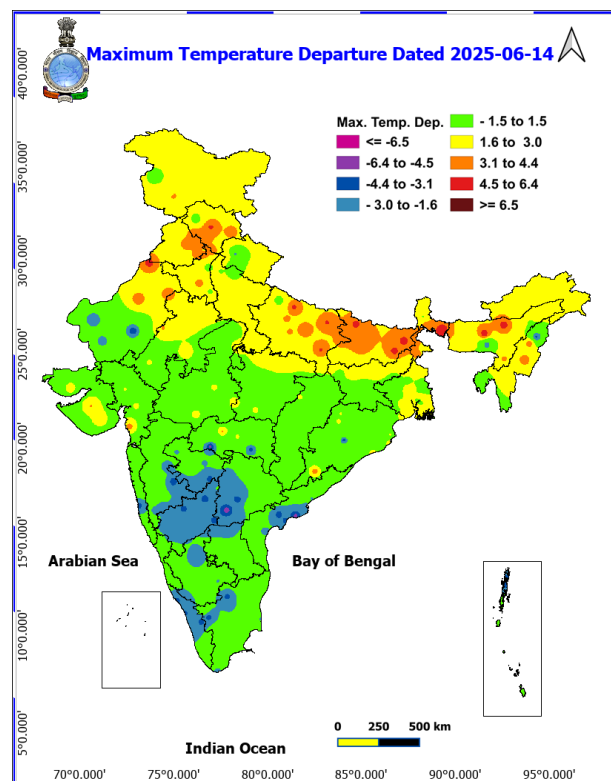


Fig. 3: Minimum Temperatures Dated 2025-06-15

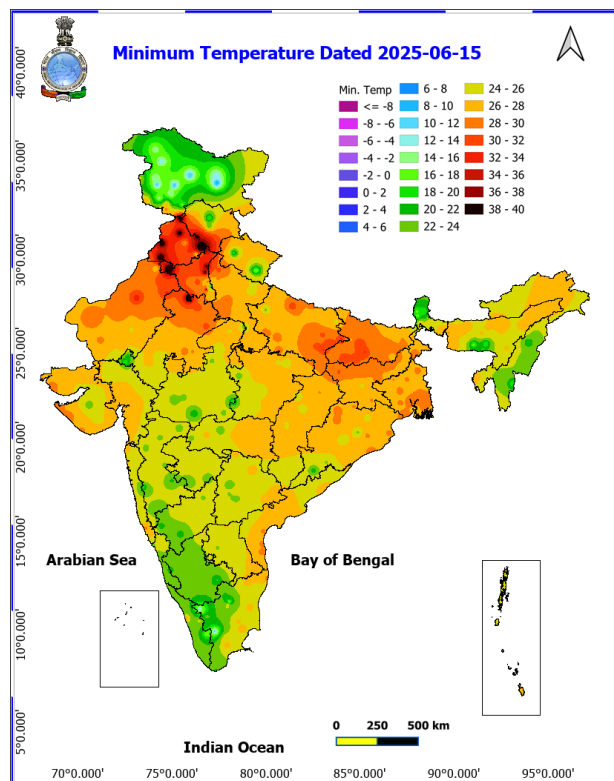
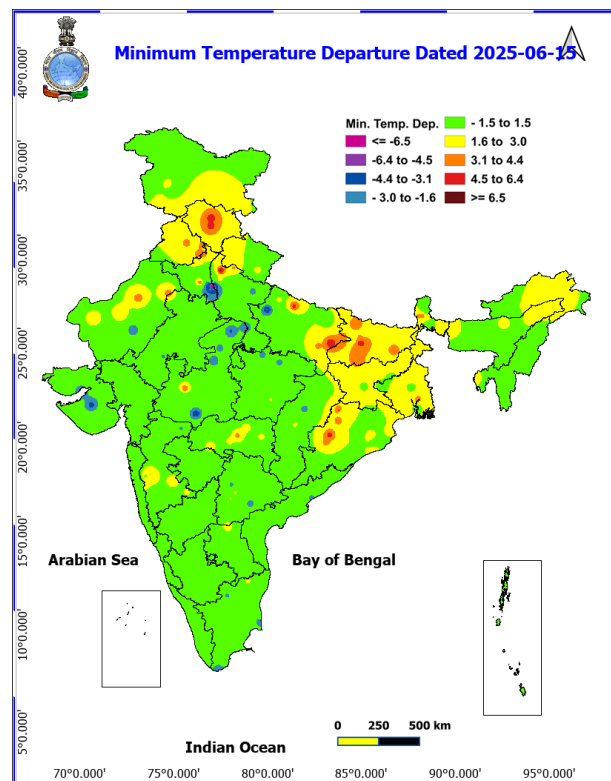
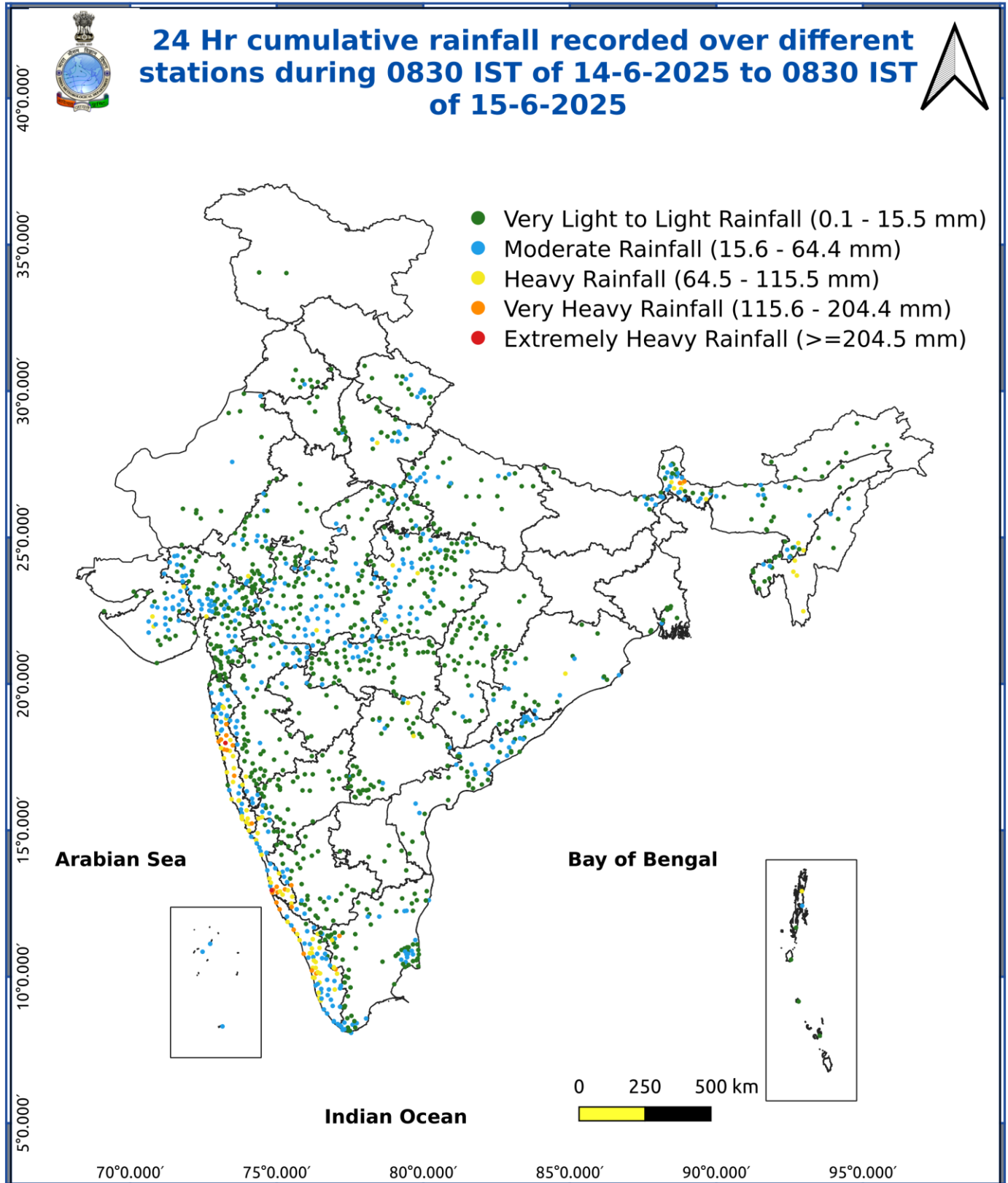


Fig. 4: Departure of Minimum Temp. Dated 2025-06-15





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

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

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

(Service to the nation since 1875)

Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe on 15th, Coastal Karnataka, Konkan & Goa on 15th & 16th June.

Very heavy rainfall on Sub-Himalayan West Bengal & Sikkim on 15th, Tamil Nadu, Puducherry & Karaikal on 16th. Kerala & Mahe, Karnataka, Madhya Maharashtra, Saurashtra & Kutch during 15th-17th Konkan & Goa during 15th-18th, Gujarat Region on 15th & 16th June, Chhattisgarh, Gangetic West Bengal on 17th, Jharkhand, Odisha on 17th & 18th and over Bihar on 18th & 19th, East Madhya Pradesh on 19th & 20th, Uttarakhand, Assam & Meghalaya during 16th-21st Arunachal Pradesh during 17th-21st, Nagaland, Manipur, Mizoram & Tripura during next 7 days.

Impact Expected

Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.

Occasional reduction in visibility due to heavy rainfall.

Disruption of traffic in major cities due to water logging in roads leading to increased travel time.

Minor damage to kutcha roads.

Possibilities of damage to vulnerable structure.

Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.

Damage to horticulture and standing crops in some areas due to inundation.

It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

Action Suggested

Check for traffic congestion on your route before leaving for your destination.

Follow any traffic advisories that are issued in this regard.

Avoid going to areas that face the water logging problems often.

Avoid staying in vulnerable structure.

Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph) at isolated places over Uttarakhand, Punjab, Haryana, Jharkhand on 15th and during Rajasthan during 15th-17th, West Madhya Pradesh, Chhattisgarh, Bihar on 15th & 16th, East Madhya Pradesh during 16th-19th June.

Dust storm (wind speed reaching 50-60 kmph gusting to 70 kmph) very likely at isolated places over West Rajasthan on 15th June.

Hailstorm also very likely at isolated places over north Haryana on 15th June.

Strong surface winds (speed reaching 40-60 kmph) over Kerala & Mahe, Lakshadweep during 15th-17th, Rayalaseema and Coastal Andhra Pradesh & Yanam during 15th-19th June.

Impact expected:

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

Minor to Major damage to banana and papaya trees.

Minor to major damage to power and communication lines due to breaking of branches.

Strong wind/hail may damage plantation, horticulture and standing crops.

Partial damage to vulnerable structures due to strong winds.

Minor damage to kutcha houses/walls and huts.

Loose objects may fly.

Action suggested:

People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.

Stay indoors, close windows & doors and avoid travel if possible.

Take safe shelters; do not take shelter under trees.

Do not lie on concrete floors and do not lean against concrete walls.

Unplug electrical/ electronic appliances.

Immediately get out of water bodies.

Keep away from all the objects that conduct electricity.

Agromet advisories for various parts of the country

In **Kerala**, ensure proper drainage facilities in rice nurseries, transplanted rice fields, coconut and banana plantations to prevent water logging. Postpone land preparation of main field for rice transplanting. Undertake propping in banana to protect the plants from heavy rains.

In **Tamil Nadu**, postpone nursery sowing / transplanting of rice and sowing of sorghum and cumbu. Ensure proper drainage facilities in rice nurseries, cotton, sugarcane, groundnut and transplanted rice fields, coconut and banana plantations to prevent water logging. Provide staking or support to tender plants of cotton, young plants of sugarcane and fruit-bearing plants of banana to avoid lodging. Avoid de-topping and de-trashing in sugarcane during continuous rainfall.

In **Coastal Karnataka**, postpone nursery sowing of rice. Ensure proper drainage facilities in rice nurseries, banana, coconut and arecanut plantations to prevent water logging. In **South Interior Karnataka**, postpone nursery sowing of rice and sowing of pigeon pea, maize and onion. Cover young seedlings of rice with plastic sheets or agro-shade nets to protect them from heavy rains. Provide adequate drainage to remove excess water from rice nurseries, coffee, cardamom, coconut and arecanut plantations to prevent water logging. Provide support to sugarcane and banana to

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

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

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

(Service to the nation since 1875)

prevent lodging. In **North Interior Karnataka**, postpone sowing of green gram, cotton, maize, groundnut, rice, pigeon pea, soybean and onion. Drain out excess water from the crops which are at seedling stage to prevent water logging.

In **Konkan & Goa**, postpone nursery sowing of rice. In **Konkan & Goa** and **ghat areas of Madhya Maharashtra**, make arrangement to drain out excess water from rice nurseries to prevent water logging.

In **Sub-Himalayan West Bengal**, maintain proper drainage channels in rice nurseries and fields of jute and ginger to avoid water stagnation. Avoid sowing of rice in low lands to avoid losses due to heavy rainfall.

In **Bhabar and Tarai Zone of Uttarakhand**, harvest matured potato, vegetables (tomato, French beans etc.) and fruits (peach and plum). Postpone sowing of pigeon pea, millets and soybean and ensure proper drainage in already sown crops.

In **Assam**, keep the harvested produce of sesame, foxtail millet, *Boro* rice, banana and citrus at safer places. Ensure proper drainage in *Sali* rice nursery, maize and sugarcane fields, arecanut and coconut plantations to prevent water logging.

In **Meghalaya**, ensure proper drainage in the fields of maize, ginger, French bean, cowpea, vegetables and around rice nurseries to prevent water logging. Provide strong bamboo stakes or trellis support to cow pea, cucumber and bottle gourd to prevent vines from trailing on wet ground. Provide support to banana plant to prevent lodging.

In **Mizoram**, ensure proper drainage facilities in maize and low land pre-*kharif* rice to avoid water stagnation. Undertake propping in five-month-old sugarcane crop to avoid lodging.

In **Arunachal Pradesh**, carry out harvesting of soybean and vegetables such as chilli and okra and keep the produce at a safer place. Ensure proper drainage in rice nurseries, kiwi and apple orchards to avoid water logging.

Livestock / Fishery

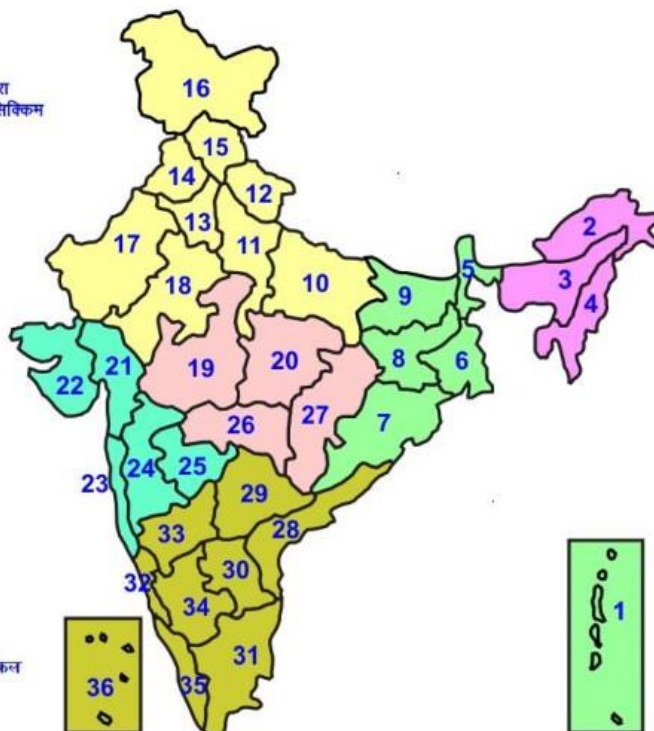
Keep the animals inside the shed during heavy rainfall and provide them balanced feed.

Store feed and fodder in a safe place to prevent spoilage.

Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

LEGENDS

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



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic West Bengal
7. Orissa
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chd & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. 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


 Thunderstorm & Lightning


 Strong surface winds


 Cold Wave

 Hot & Humid

 Very Heavy Rain


 Hailstorm


 Heat Wave


 Cold Day


 Extremely Heavy Rain


 Dust Storm

 Hot Day

 Ground Frost

 Heavy Snow

 Dust Raising Winds

 Warm Night

 Fog

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

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

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

(Service to the nation since 1875)

LEGENDS

WARNING

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)

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

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

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

(Service to the nation since 1875)