

2025-07-17

Time of Issue: 13:57:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings

Northwest India:

Extremely heavy rainfall (≥ 21 cm) very likely at isolated places over Uttar Pradesh on 17th and Rajasthan on 18th July.

Isolated **heavy rainfall** likely over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, East Uttar Pradesh during 17th-23rd; Punjab, Haryana on 17th, during 21st-23rd; Rajasthan during 17th-19th July with **very heavy rainfall over Uttarakhand on 17th and during 20th-23rd; West Uttar Pradesh on 18th, 20th & 21st; East Rajasthan on 17th and Himachal Pradesh during 21st-23rd July.**

Light/moderate rainfall at most/many places accompanied with thunderstorm, lightning likely over western Himalayan region and some/many places over the plains during next 7 days.

South Peninsular India:

Extremely heavy rainfall (≥ 21 cm) very likely at isolated places over Kerala on 17th, 19th & 20th; Coastal Karnataka on 17th and South Interior Karnataka on 17th & 18th July.

Isolated **heavy to very heavy rainfall** likely over Kerala & Mahe, Tamil Nadu, Coastal and South Interior Karnataka during 17th-23rd; isolated **heavy rainfall** over Coastal Andhra Pradesh & Yanam, north Interior Karnataka during 17th-23rd; Lakshadweep on 19th & 20th; Rayalaseema and Telangana during 17th-19th July.

Strong surface winds (speed reaching 40-50 kmph) very likely over South Peninsular India during next 5 days.

Light/moderate rainfall at many/some places over Kerala & Mahe, Lakshadweep, Karnataka, Rayalaseema; isolated to scattered rainfall over Coastal Andhra Pradesh & Yanam, Telangana during next 7 days.

East & Central India:

Extremely heavy rainfall (≥ 21 cm) very likely at isolated places over Madhya Pradesh on 17th July.

Isolated **heavy rainfall** very likely to continue over Madhya Pradesh on 17th, 18th and during 21st-23rd; Vidarbha, Chhattisgarh during 21st-23rd; Bihar on 17th, during 20th-23rd; Andaman & Nicobar Islands on 17th; Sub-Himalayan West Bengal & Sikkim, Odisha during 19th-23rd July **with very heavy rainfall over West Madhya Pradesh on 18th and Sub-Himalayan West Bengal & Sikkim on 20th July.**

Light/moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over the region during next 7 days.

West India:

Heavy rainfall likely at isolated places over Konkan & Goa during 17th-23rd; Ghat areas of Madhya Maharashtra during 20th-23rd; Marathwada on 17th July.

Light/moderate rainfall at many/some places very likely over the region during next 5 days.

Northeast India:

Light/moderate rainfall at many places accompanied with **thunderstorm, lightning** likely to continue over Northeast India during next 7 days.

***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)

Isolated **heavy rainfall** very likely over Arunachal Pradesh, Assam & Meghalaya, Nagaland & Tripura during 17th-22nd with very heavy rainfall over Meghalaya on 19th July.

Fishermen Warnings:

Fishermen are advised to avoid venturing into the following from 17th July to 22nd July 2025 to the following Areas:

Arabian Sea: Along and off the Kerala, Karnataka coasts, over Lakshadweep, Maldives, Comorin areas; Along and off the Somalia coast and adjoining sea areas, Oman and adjoining Yemen coast & adjoining sea areas; most parts of central Arabian Sea and adjoining south and north Arabian Sea for 17th to 22nd July.

Bay of Bengal:

Few parts of south Bay of Bengal for 17th July; many parts of south Bay of Bengal for 18th & 19th July; most parts of south Bay of Bengal and adjoining central Bay of Bengal for 20th July, most parts of south & central Bay of Bengal, off Tamil Nadu and Andhra Pradesh coasts on 21st July; over Gulf of Mannar for 17th to 22nd July and over Andaman Sea for 18th to 22nd July.

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, Gangetic West Bengal, Bihar, East Uttar Pradesh, Uttarakhand, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, East Madhya Pradesh, Vidarbha, Coastal Karnataka, South Interior Karnataka, Kerala & Mahe and Lakshadweep; **at many places** over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Jharkhand, West Uttar Pradesh, Haryana-Chandigarh-Delhi, West Madhya Pradesh, Konkan & Goa, Marathwada, Chhattisgarh, Rayalaseema and North Interior Karnataka; **at a few places** over Arunachal Pradesh, Odisha, Punjab, Himachal Pradesh, West Rajasthan, East Rajasthan, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal; **at isolated places** over Gujarat Region, Saurashtra & Kutch, Madhya Maharashtra and Telangana;

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Coastal Karnataka**: Mulki (dist Dakshina Kannada) 30; Mangaluru AP (dist Dakshina Kannada), Shakti Nagar (dist Dakshina Kannada) 21 Each; Mani (dist Dakshina Kannada) 19; Manki (dist Uttara Kannada) 18; Mangaluru (dist Dakshina Kannada) 17; Sulya (dist Dakshina Kannada) 16; Puttur HMS (dist Dakshina Kannada) 15; Bantwal (dist Dakshina Kannada), Kota (dist Udupi) 14 Each; Karwar (dist Uttara Kannada) 12; Udupi (dist Udupi) 11; Karkala (dist Udupi), Shirali PTO (dist Uttara Kannada), Kundapur (dist Udupi) 10 Each; Mudubidre (dist Dakshina Kannada), Belthangadi (dist Dakshina Kannada) 9 Each; Honavar (dist Uttara Kannada), Gokarna (dist Uttara Kannada) 7 Each; **East Madhya Pradesh**: Naigarhi (dist Rewa) 25; Mauganj (dist Rewa) 22; Hanumana (dist Rewa) 21; Bahri (dist Sidhi) 20; Chitrangi (dist Singrauli) 15; Dindori-aws (dist Dindori), Semariya (dist Rewa) 13 Each; Beohari (dist Shahdol), Kusmi (dist Sidhi), Majhauili (dist Sidhi), Sihawal (dist Sidhi), Raipurkarchuliyan (dist Rewa), Huzur (dist Rewa) 12 Each; Shahpura (dist Dindori), Rampur (dist Sidhi), Mangawan (dist Rewa) 11 Each; Devser (dist Singrauli), Sarai (dist Singrauli) 10 Each; Birsingpur (dist Satna) 9; Sidhi (gopadbanas) (dist Sidhi), Singrauli-aws (dist Singrauli), Jaisingh Nagar (dist Shahdol), Mada (dist Singrauli), Churhat (dist Sidhi), Teonthar (dist Rewa) 8 Each; Gohparu (dist Shahdol), Jaitpur (dist Shahdol) 7 Each; **East Uttar Pradesh**: Chunar (dist Mirzapur) 24; Meja (dist Prayagraj) 21; Jaunpur Tehsil (dist Jaunpur) 14; Mirzapur CWC (dist Mirzapur) 11; Ghorawal (dist Sonbhadra), Rihand Dam Fmo (dist Sonbhadra), Churk (dist Sonbhadra) 10 Each; Varanasi/Bab AP (dist Varanasi), Varanasi BHU (dist Varanasi) 9 Each; Koraon (dist Prayagraj) 8; Prayagraj Sadar (dist Prayagraj), Karchhana (dist Prayagraj) 7 Each; **West Madhya Pradesh**: Bhanpura (dist Mandsaur) 21; Timarni (dist Harda), Narwar (dist Shivpuri) 8 Each; Harda (dist Harda), Karera (dist Shivpuri), Rahatgaon (dist Harda) 7 Each; **East Rajasthan**: Ramganjmandi SR (dist Kota) 19; Sarmathura SR (dist Dholpur) 9; Asnawar SR (dist Jhalawar) 8; **Kerala & Mahe**: Hosdurg (dist Kasargod) 18; Irikkur (dist Cannur), Cheruvanchery AWS (dist Cannur), Peringome AWS (dist Cannur) 17 Each; Taliparamba (dist Cannur) 16; Kudulu (dist Kasargod), Padannakkad AWS (dist Kasargod), Bayar AWS (dist Kasargod) 15 Each; Padinjarathara Dam AWS (dist Wynad), Chemberi AWS (dist Cannur) 14 Each; Tellichery (dist Cannur) 13; Kannur Airport AWS (dist Cannur), Aralam AWS (dist Cannur), Ams Kannur (dist Cannur) 12 Each; Kannur (dist Cannur), Kannur Icar AWS (dist Cannur), Panathur AWS (dist Kasargod), Muliya AWS (dist Kasargod), Kalpeta AWS (dist Wynad) 11 Each; Vytiri (dist Wynad), Ambalavayal (dist Wynad) 10 Each; Manjeri (dist Malappuram), Vadakara (dist Kozhikode), Kuppady (dist Wynad), Pattembi (dist Palakkad), Mahe (dist Mahe), Ayyankunnu AWS (dist Cannur), Pinarayi AWS (dist Cannur), Kalamassery AWS (dist Ernakulam), Idamalayar Dam AWS (dist Ernakulam) 9 Each; Ponnani (dist Malappuram), Nilambur (dist Malappuram), Chalakudi (dist Thrissur), Peermade To (dist Idukki), Udumbannoor AWS (dist Idukki), Vilangad AWS (dist Kozhikode), Munderi AWS (dist Malappuram), Athirappalli AWS (dist Thrissur), Kuppadi AWS (dist Wynad) 8 Each; Quilandi (dist Kozhikode), Vadakkancherry (dist Thrissur), Thritle (dist Palakkad), Angadipuram (dist Malappuram), Vellanikkara (dist Thrissur), Vadakara AWS (dist Kozhikode), Lower Sholayar AWS (dist Thrissur), Karapuzha AWS (dist Wynad), Manantoddy (dist Wynad), Kozhikode (dist Kozhikode), Alwaye PWD (dist Ernakulam) 7 Each; **Uttarakhand**: Hardwar (dist Hardwar) 17; Pantnagar (dist Udham Singh Nagar) 10; Mussoorie (dist Dehradun) 8; **Bihar**: Rampur (dist Bhabua), Bhagwanpur (dist Bhabua) 16 Each; Raghopur (dist Vaishali) 14; Nauhatta (dist Rohtas) 13; Sasaram (dist Rohtas), Mahanar (dist Vaishali), Sahdei Buzurg (dist Vaishali) 12 Each; Sheosagar (dist Rohtas) 11; Rohtas (dist Rohtas) 10; Mahua (dist Vaishali), Dehri (dist Rohtas), Akorhi Gola (dist Rohtas) 9 Each; Chenari (dist Rohtas), Barbiga (dist Sheikhpura), Indrapuri (dist Rohtas), Kargahar (dist Rohtas), Lalganj (dist Vaishali), Bidupur (dist Vaishali) 8 Each; Banka (dist Banka), Goraul/Doli (dist Vaishali), Jandhaha (dist Vaishali), Jhanjharpur (dist Madhubani), Barun (dist Aurangabad), Patepur (dist Vaishali), Hajipur (dist Vaishali), Durgawati (dist Bhabua), Hilsa (dist Nalanda), Bind (dist Nalanda), Balchhi (dist Patna), Tilouthu (dist Rohtas), Kudra (dist Bhabua) 7 Each; **Jharkhand**: Hunterganj (dist Chatra) 13; Borio (dist Sahibganj) 11; Dhurki (dist Garhwa), Sujani Kvk AWS (dist Deoghar), Japla (dist Palamu) 7 Each; **Marathwada**: Selu (dist Parbhani) 13; Ghansawangi (dist Jalna), Washi (dist Dharashiv), Renapur (dist Latur), Mantha (dist Jalna) 7 Each; **Chhattisgarh**: Janakpur Bharatpur (dist Manendragarh)

*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)

Bharatpur) 12; Pondi Bachra (dist Koriya) 11; Kotadol (dist Manendragarh Bharatpur) 10; Surajpur (dist Surajpur) 9; Kelhari (dist Manendragarh Bharatpur) 8; Kusmi (dist Balrampur), Doura Kochali (dist Balrampur), Latori (dist Surajpur), **Bihar** (dist Surajpur) 7 Each; **Tamil Nadu, Puducherry & Karaikal**: Avalanche (dist Nilgiris) 12; Chinnakalar (dist Coimbatore) 11; Tiruttani (dist Tiruvallur) 9; Naduvattam (dist Nilgiris), Cincona (dist Coimbatore), Worth Estate Cher (dist Nilgiris) 8 Each; G Bazar (dist Nilgiris), Valparai PTO (dist Coimbatore), Tiruttani PTO (dist Tiruvallur), Upasi Tea Research AWS (dist Coimbatore), Barwood (dist Nilgiris), Taluk Office Pandalur (dist Nilgiris) 7 Each; **Coastal Andhra Pradesh & Yanam**: Srungavarapukota (dist Vizianagaram) 12; **Assam & Meghalaya**: Silchar (dist Cachar) 11; **South Interior Karnataka**: Bhagamandala (dist Kodagu) 11; Agumbe AWS (dist Shivamogga) 8; **Rayalaseema**: Pakala (dist Tirupati), Chittoor (dist Chittoor) 10 Each; **Sub Himalayan West Bengal & Sikkim**: Toorsa Tea Garden (dist Alipurduar) 10; Anandpur Tea Estate (dist Jalpaiguri) 8; Kailashpur Tea Estate (dist Jalpaiguri), Moraghat Tea Estate (dist Jalpaiguri), Beech Tea Garden (dist Alipurduar) 7 Each; **North Interior Karnataka**: Hunsagi (dist Yadgir) 9; **Konkan & Goa**: Sanguem (dist South Goa) 9; **Odisha**: Jagannath Prasad (dist Ganjam) 7; **Himachal Pradesh**: Nahan (dist Sirmour) 7; **Haryana-Chandigarh-Delhi**: Sadhaura (dist Yamuna Nagar) 7.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Extremely heavy rain** at isolated places over East Uttar Pradesh, West Madhya Pradesh, East Madhya Pradesh and Coastal Karnataka. **Heavy to very heavy rain** at a few places over Coastal Karnataka and at isolated places over Jharkhand, Bihar, East Uttar Pradesh, Uttarakhand, East Rajasthan, East Madhya Pradesh, Marathwada, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **Heavy rain** at a few places over Kerala & Mahe and at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Odisha, Haryana-Chandigarh-Delhi, Himachal Pradesh, West Madhya Pradesh, Konkan & Goa, Telangana, Rayalaseema, North Interior Karnataka and South Interior Karnataka.

❖ **Minimum Temperature Departures (as on 17-07-2025): markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, West Uttar Pradesh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Odisha, Bihar, East Uttar Pradesh and Coastal Andhra Pradesh & Yanam. **above normal(1.6°C to 3.0°C)** at many places over Konkan & Goa; at few places over Arunachal Pradesh, Vidarbha, Chhattisgarh, Telangana, Rayalaseema and Lakshadweep; at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, East Rajasthan, Madhya Maharashtra, Marathwada, Tamil Nadu, Puducherry & Karaikal and North Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Jharkhand, Uttarakhand, Haryana-Chandigarh-Delhi and Kerala & Mahe; at most places over Nagaland, Manipur, Mizoram & Tripura, Punjab, West Rajasthan, Coastal Karnataka and South Interior Karnataka. **The lowest minimum temperature** of 18.4°C is reported at MYSORE (KARNATAKA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 16-07-2025): markedly above normal(> 5.1°C)** at isolated places over Coastal Andhra Pradesh & Yanam. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Assam & Meghalaya, Odisha, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, Vidarbha, Telangana and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at most places over Arunachal Pradesh; at few places over Nagaland, Manipur, Mizoram & Tripura, Marathwada, Chhattisgarh, Rayalaseema and North Interior Karnataka; at isolated places over Andaman & Nicobar Islands, West Uttar Pradesh, West Madhya Pradesh, Gujarat Region and Saurashtra & Kutch. **near normal(-1.5°C to 1.5°C)** at many places over Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Jharkhand, East Uttar Pradesh and Uttarakhand; at most places over Coastal Karnataka and Lakshadweep; at few places over Haryana-Chandigarh-Delhi, West Rajasthan, East Rajasthan, East Madhya Pradesh and South Interior Karnataka; at isolated places over Kerala & Mahe. **The highest maximum temperature** of 40.2°C is reported at NELLORE (ANDHRA PRADESH).

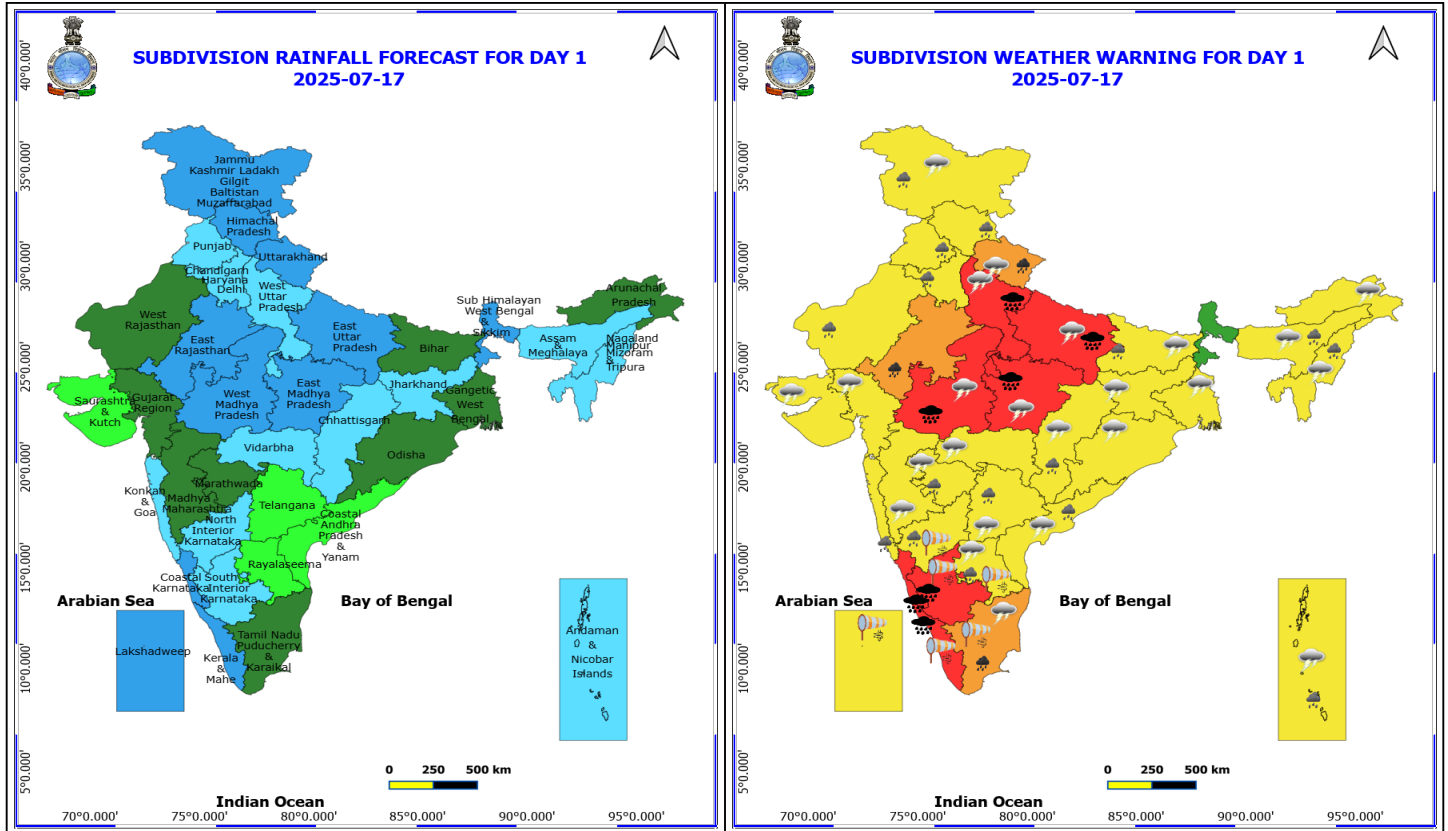


Meteorological Analysis (Based on 0830 hours IST)

- The **upper air cyclonic circulation** over central parts of Pakistan extended upto 3.1 km above mean sea level persists.
- The **Depression** over Southeast Uttar Pradesh moved slowly west-northwestwards with a speed of 3 kmph during past 3 hours and lay centred at 0830 hrs IST of today, the 17th July, 2025, over the same region, near latitude 25.2°N and longitude 81.5°E, 40 km southwest of Prayagraj, 100 km northeast of Satna, 120 km east-southeast of Banda and 160km east of Khajuraho. It is likely to move west-northwestwards across south Uttar Pradesh and adjoining north Madhya Pradesh during next 2-days.
- The **monsoon trough** at mean sea level now passes through Bikaner, Datia, center of **Depression** over southeast Uttar Pradesh, Dehri, Purulia, Digha and thence east southeastwards to northeast Bay of Bengal.
- The **Western Disturbance** as a trough in middle tropospheric levels with its axis at 5.8 km above mean sea level now runs roughly along Long. 70°E to the north of Lat. 30°N.
- An **east-west trough** runs roughly along Lat. 10°N at 5.8 km above mean sea level.
- An **upper air cyclonic circulation** lies over North Interior Karnataka and neighbourhood at 3.1 km above mean sea level.

Weather Outlook for subsequent 3 days

- **Fairly widespread to widespread rainfall** very likely over most parts of the country except the plains of Northwest India where isolated to scattered rainfall is likely.



17 July (Day 1)

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

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

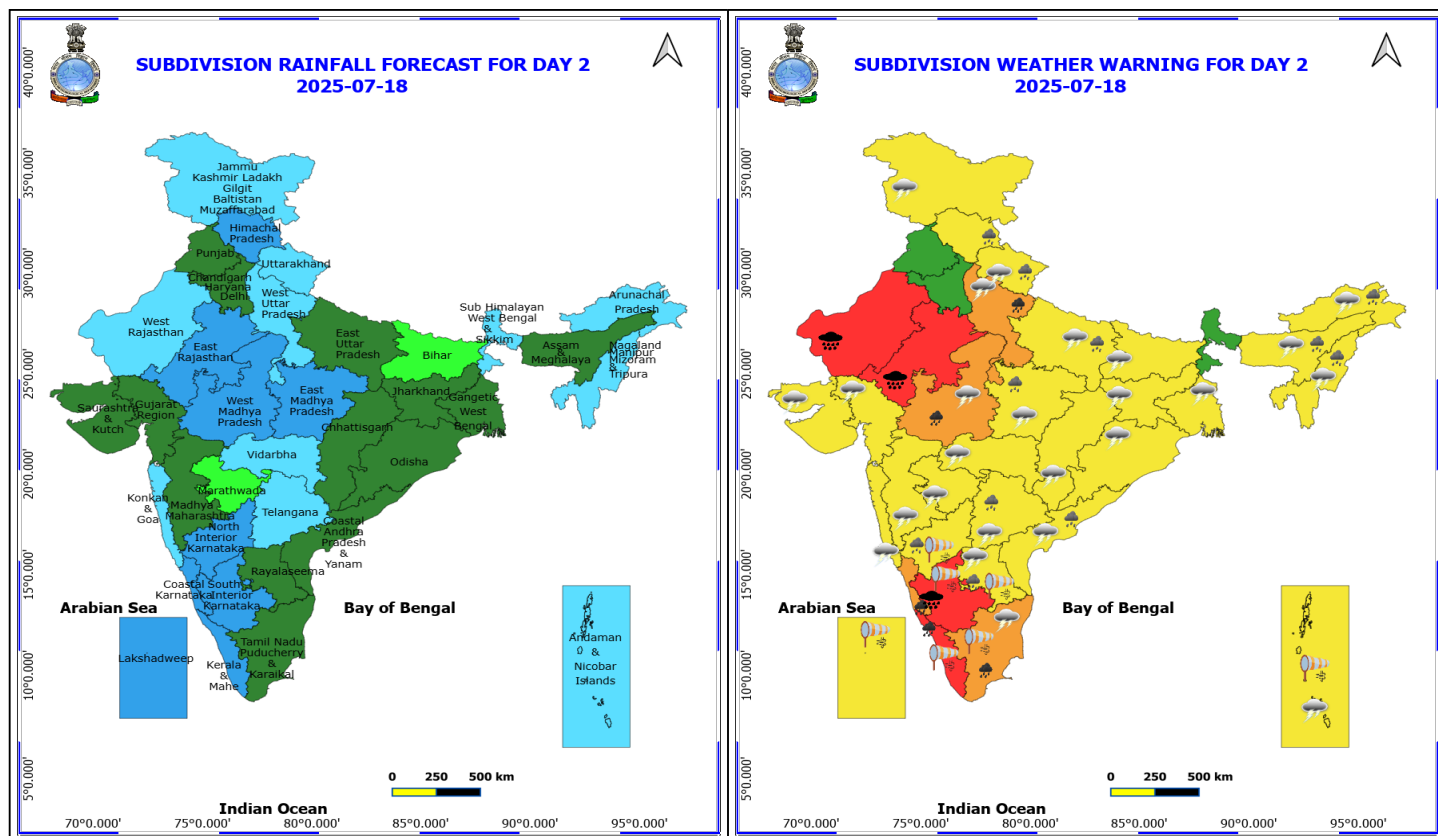
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)

Somalia, Yemen & south Oman coasts, most parts of westcentral Arabian Sea & adjoining parts of eastcentral Arabian Sea, some parts of southwest Arabian Sea.

❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over many parts of eastcentral Arabian Sea, some parts of westcentral Arabian Sea, northern parts of south Arabian Sea, along and off Kerala, Karnataka coasts, over Lakshadweep area & adjoining Maldives area, Comorin area, southern parts of southwest Bay of Bengal and adjoining parts of southeast Bay of Bengal, over Gulf of Mannar.



18 July (Day 2)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Rajasthan and South Interior Karnataka.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Coastal Karnataka, Kerala & Mahe, Tamil Nadu Puducherry & Karaikal, West Madhya Pradesh and West Uttar Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Andhra Pradesh, Arunachal Pradesh, Assam & Meghalaya, East Madhya Pradesh, East Uttar Pradesh, Himachal Pradesh, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha and Uttarakhand.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh, Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat State, Jharkhand, Konkan & Goa, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Tamil Nadu Puducherry & Karaikal, Telangana and Uttar Pradesh.
- ❖ **Strong Surface Winds** very likely at isolated places over Andaman & Nicobar Islands, Interior Karnataka, Kerala & Mahe, Lakshadweep, Rayalaseema and Tamil Nadu Puducherry & Karaikal.
- ❖ **Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia, Yemen & south Oman coasts, most parts of westcentral Arabian Sea & adjoining parts of eastcentral

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

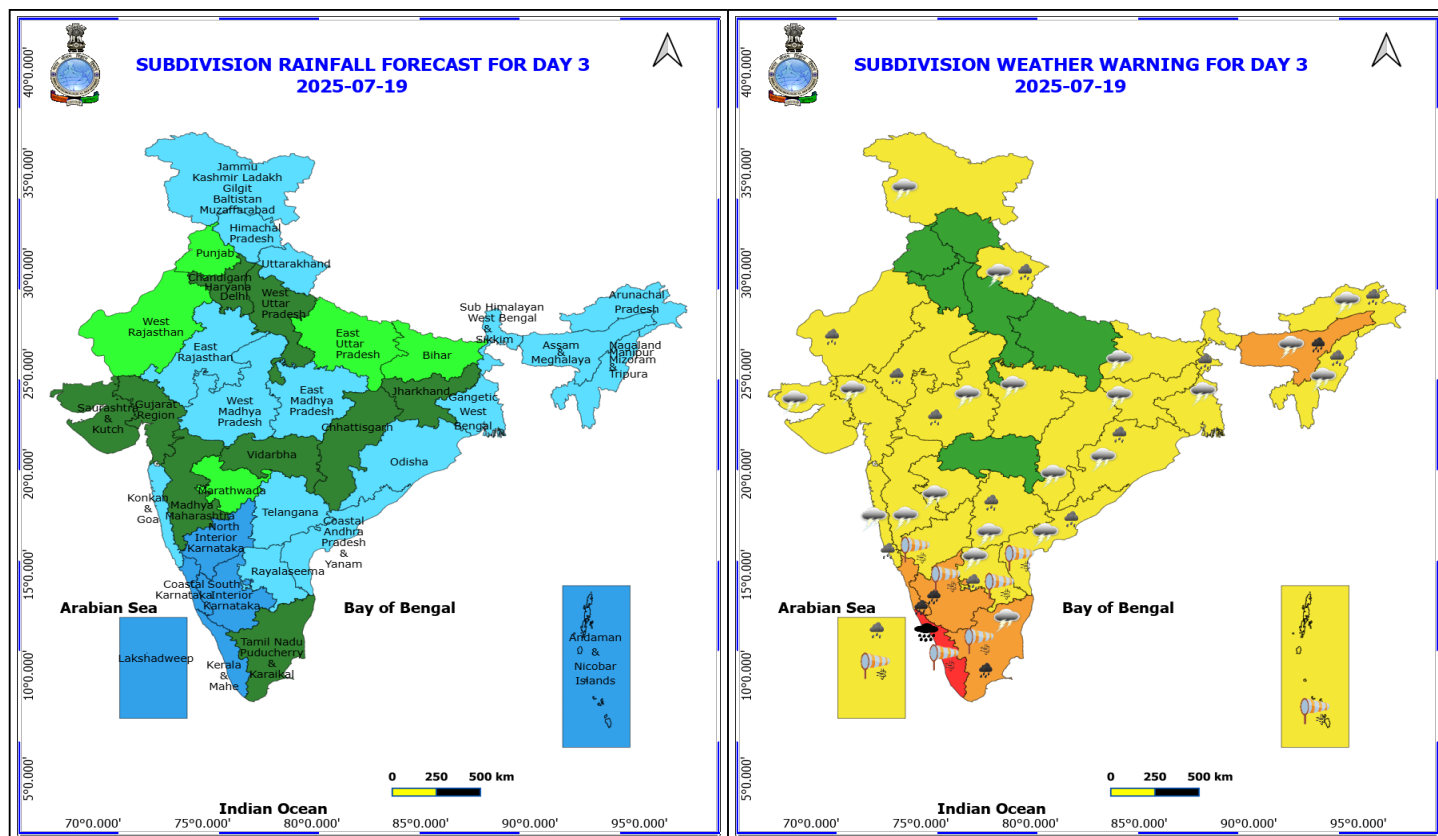
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)

Arabian Sea, some parts of southwest Arabian Sea.

❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over many parts of eastcentral Arabian Sea, some parts of westcentral Arabian Sea, northern parts of south Arabian Sea, along and off Kerala, Karnataka coasts, over Lakshadweep area & adjoining Maldives area, Comorin area, southern parts of southwest Bay of Bengal and adjoining parts of southeast Bay of Bengal, over Gulf of Mannar.



19 July (Day 3)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Kerala & Mahe.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Coastal Karnataka, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Heavy Rainfall** very likely at isolated places over Andhra Pradesh, Arunachal Pradesh, Konkan & Goa, Lakshadweep, Nagaland, Manipur, Mizoram and Tripura, Odisha, Rajasthan, Sub Himalayan West Bengal & Sikkim, Telangana, Uttarakhand and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha and Uttarakhand.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh, Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat State, Jharkhand, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Strong Surface Winds** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Interior Karnataka, Kerala & Mahe, Lakshadweep and Tamil Nadu Puducherry & Karaikal.
- ❖ **Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia, Yemen & south Oman coasts, most parts of westcentral Arabian Sea & adjoining parts of eastcentral Arabian Sea, some parts of southwest Arabian Sea.
- ❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over some southern parts

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

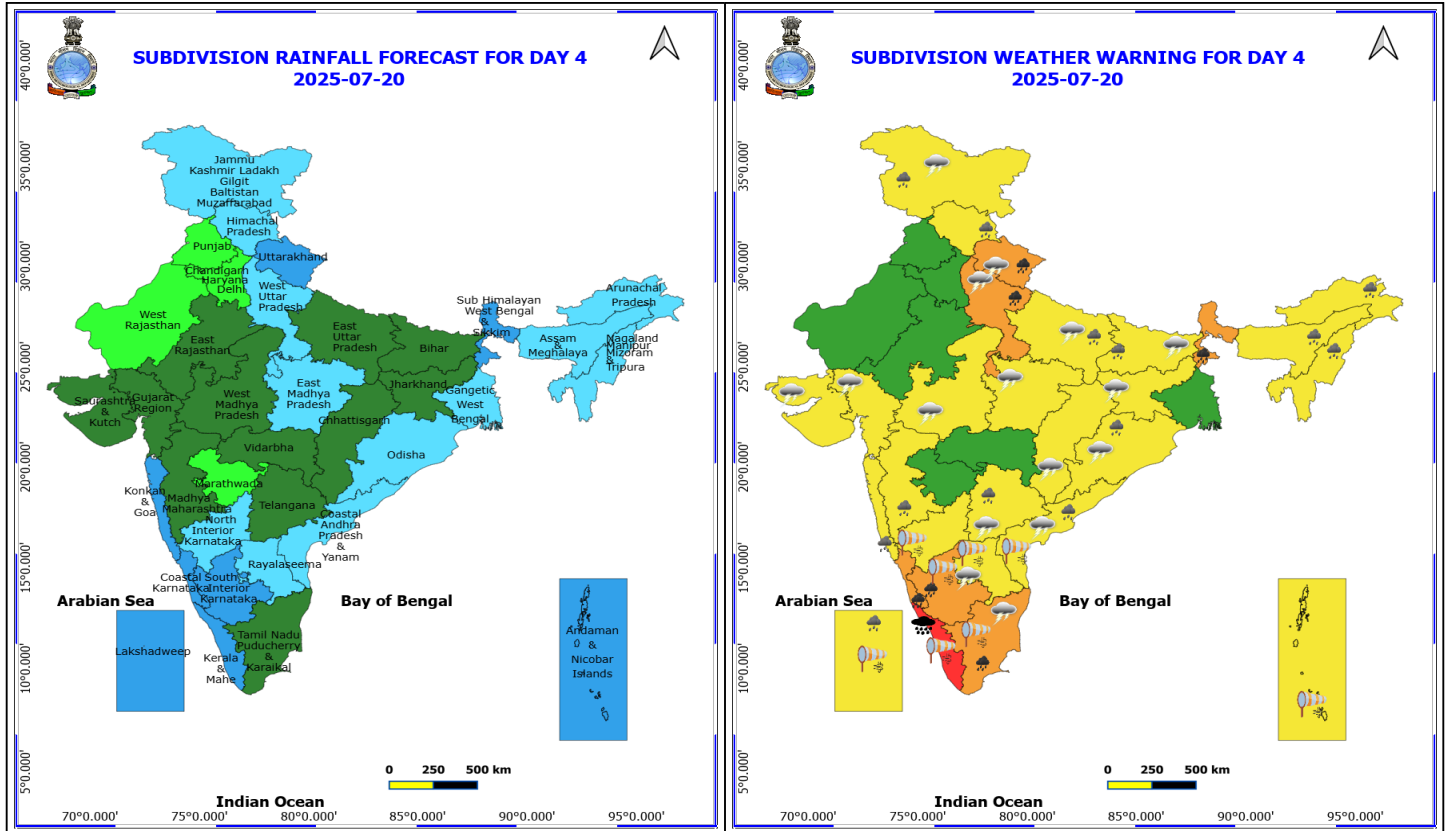
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)



of north Arabian Sea, most parts of eastcentral Arabian Sea, many parts of westcentral Arabian Sea, many parts of south Arabian Sea, along and off Kerala, Karnataka coasts, over Lakshadweep, Maldives, Comorin areas, most parts of south Bay of Bengal, over Gulf of Mannar, along and off Sri Lanka coast, over Andaman Sea.



20 July (Day 4)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Kerala & Mahe.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Coastal Karnataka, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Uttarakhand and West Uttar Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Coastal Andhra Pradesh, East Uttar Pradesh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Konkan & Goa, Lakshadweep, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha and Uttarakhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Andhra Pradesh, Chhattisgarh, Gujarat State, Jharkhand, Madhya Pradesh, Tamil Nadu Puducherry & Karaikal, Telangana and Uttar Pradesh.
- ❖ **Strong Surface Winds** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Interior Karnataka, Kerala & Mahe, Lakshadweep and Tamil Nadu Puducherry & Karaikal.
- ❖ **Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia, Yemen & south Oman coasts, most parts of westcentral Arabian Sea & adjoining parts of eastcentral Arabian Sea, some parts of southwest Arabian Sea.
- ❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over most parts of eastcentral Arabian Sea, many parts of westcentral Arabian Sea, many parts of south Arabian Sea, along and off Kerala, Karnataka coasts, over Lakshadweep, Maldives, Comorin areas, most parts of south Bay of Bengal &

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

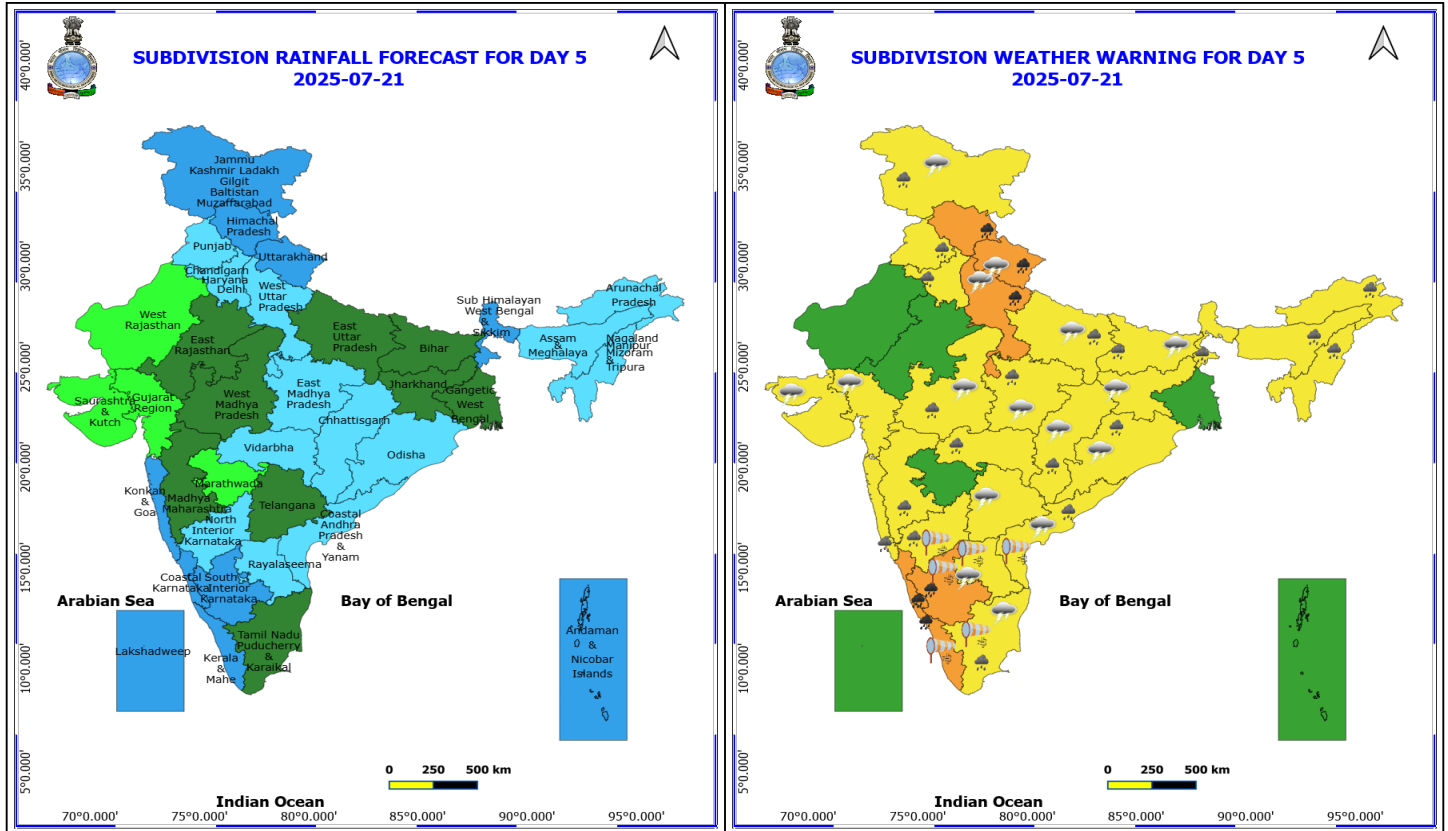
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)

adjoining central Bay of Bengal, over Gulf of Mannar, along and off Sri Lanka coast, over Andaman Sea.

❖ **Squally weather with wind speed 45 - 55 kmph gusting to 65 kmph** likely to prevail over many parts of north Andaman Sea.



21 July (Day 5)

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

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

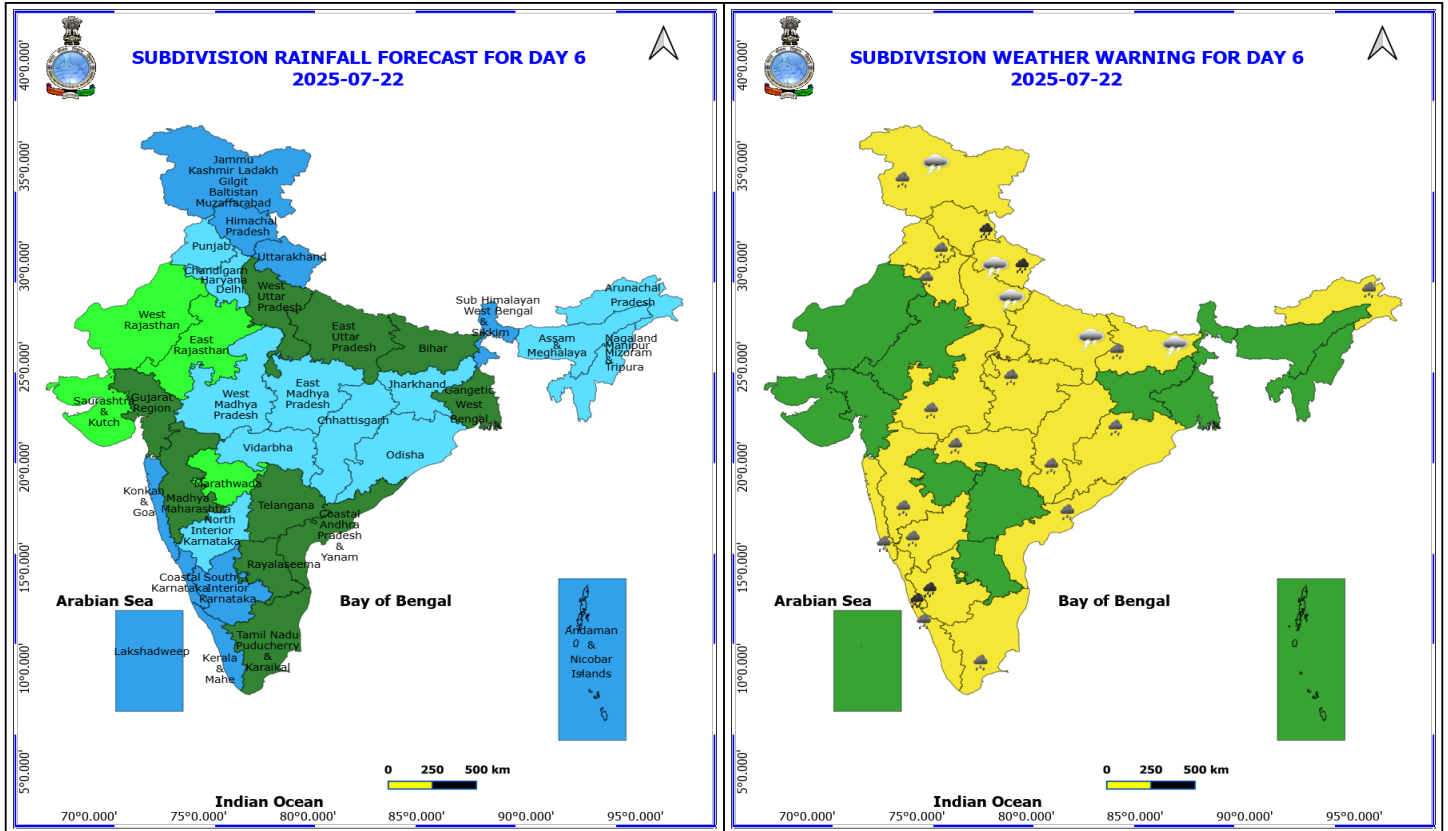
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)

Andaman Sea.

- ❖ Squally weather with wind speed 45 - 55 kmph gusting to 65 likely to prevail over many parts of north Andaman Sea.



22 July (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Coastal Karnataka, Himachal Pradesh, South Interior Karnataka and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Bihar, Chhattisgarh, Coastal Andhra Pradesh, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, North Interior Karnataka, Odisha, Punjab, Tamil Nadu Puducherry & Karaikal and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttar Pradesh.

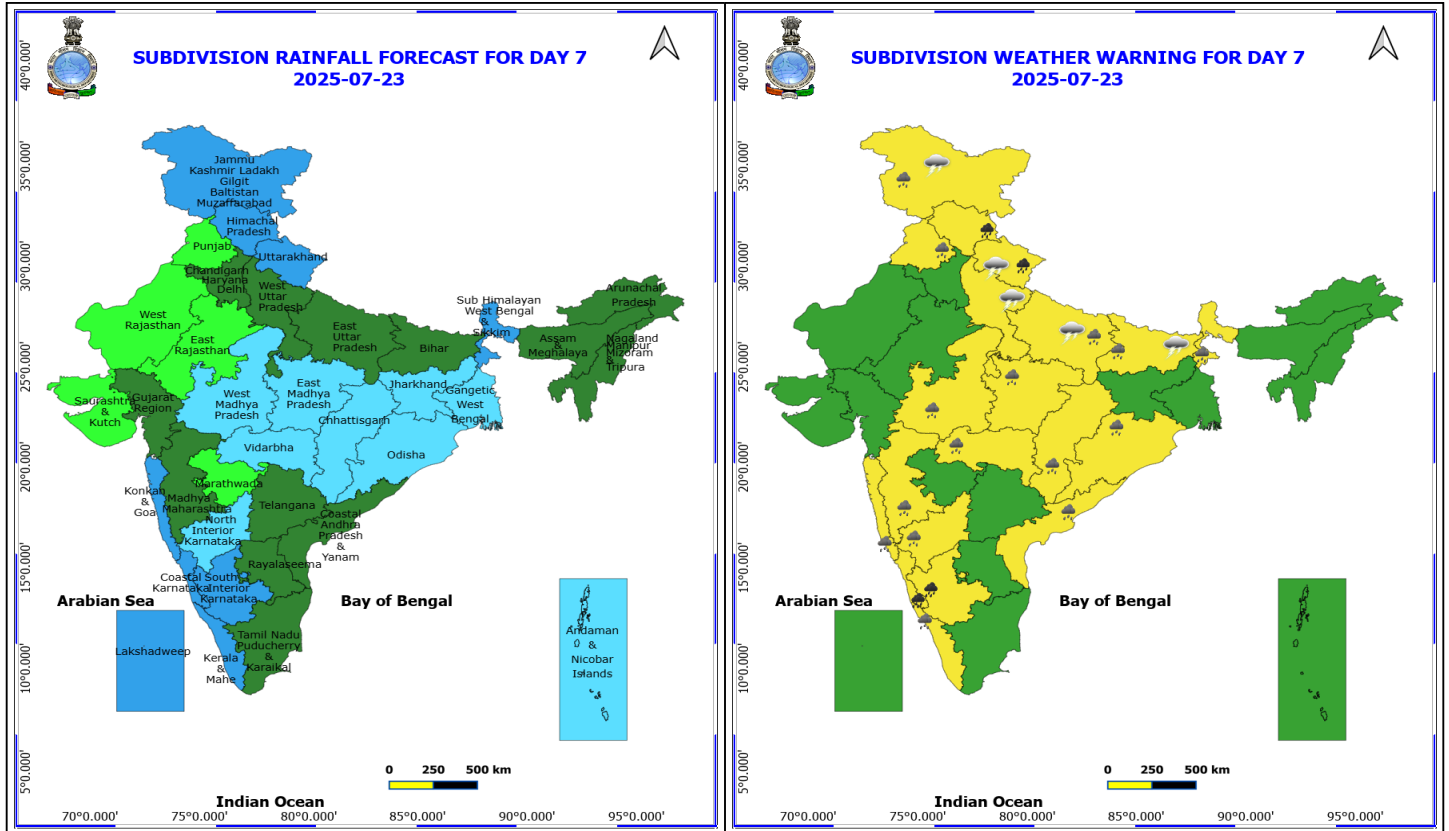
No Fishermen Warning

***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)



23 July (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Coastal Karnataka, Himachal Pradesh, South Interior Karnataka and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Chhattisgarh, Coastal Andhra Pradesh, East Uttar Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, North Interior Karnataka, Odisha, Punjab, Sub Himalayan West Bengal & Sikkim and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttar Pradesh.

No Fishermen Warning

Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 18-07-2025 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

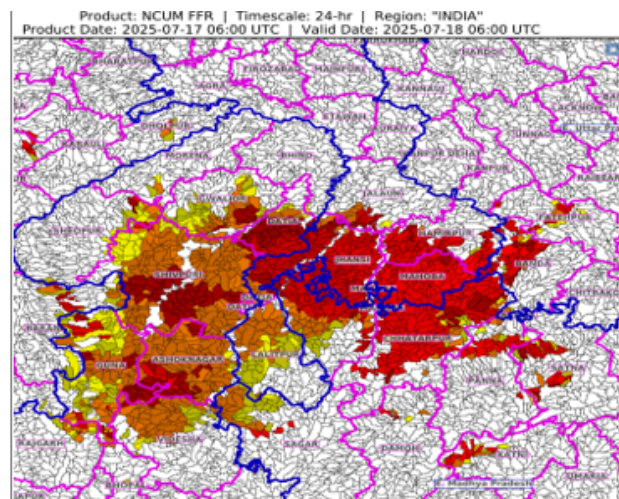
East Uttar Pradesh - Banda and Fatehpur districts.

West Uttar Pradesh - Hamirpur, Jalaun, Jhansi and Mahoba districts.

East Madhya Pradesh - Chhatarpur, Damoh, Katni, Panna, Sagar, Satna and Tikamgarh districts.

West Madhya Pradesh - Ashoknagar, Datia, Guna, Gwalior, Morena, Rajgarh, Sheopur, Shivpuri and Videsha districts.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 18-07-2025 :

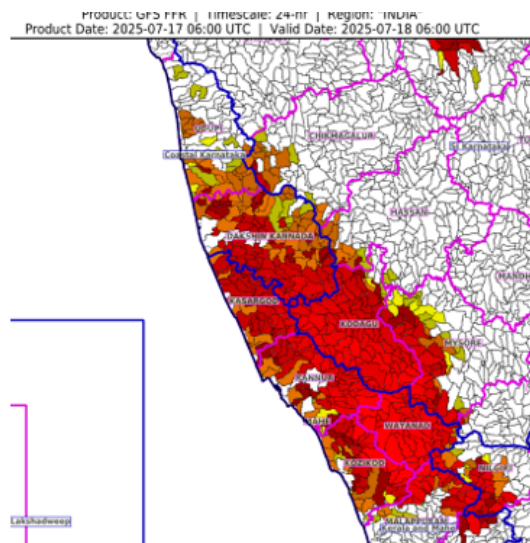
Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Coastal Karnataka - Dakshin Kannada and Udupi districts.
Kerala & Mahe - Kannur, Kasargod, Kozikod, Mahe, Malappuram, Palakkad and Wayanad districts.

Adjoining South Interior Karnataka - Chikmagalur, Hassan, Kodagu and Mysore districts.

Adjoining Tamil Nadu - Puducherry & Karaikal - Nilgiri district.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 18-07-2025 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

***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)

Himachal Pradesh - Chamba, Kangra, Kinnaur, Kullu, Lahul&Spiti, Mandi, Shimla, Sirmaur and Solan districts.
Uttarakhand - Almora, Bageshwar, Chamoli, Champawat, Dehradun, Nanital, Pauri Garhwal, Pithoragarh, Rudraprayag, Tehri Garwal and Uttarkashi districts.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.

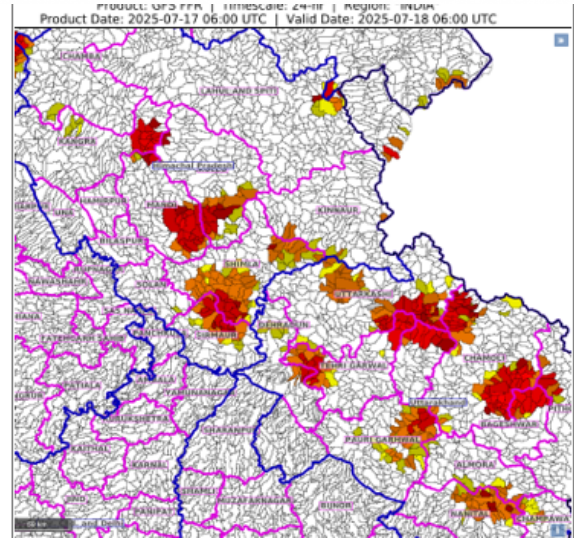




Table-1

7 Days Rainfall Forecast

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

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

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

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

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

(Service to the nation since 1875)

Fig. 1: Maximum Temperatures Dated 2025-07-17

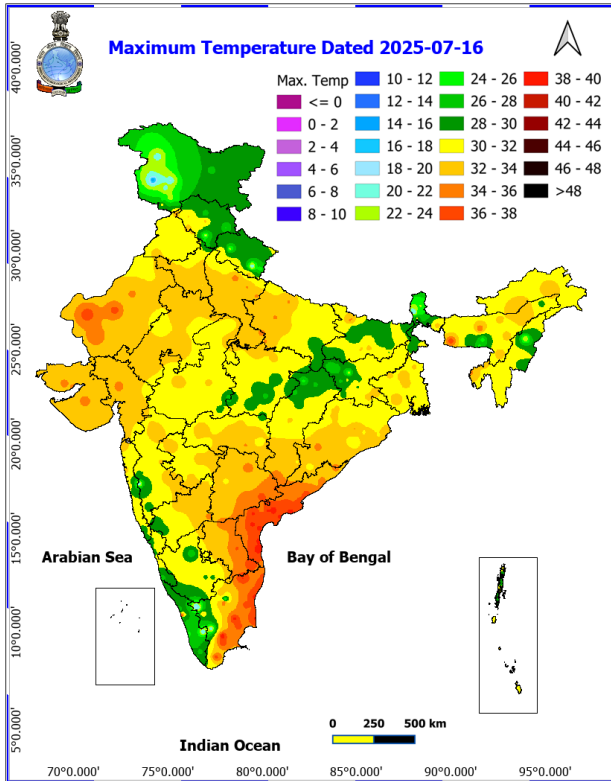


Fig. 2: Departure of Maximum Temp. Dated 2025-07-17

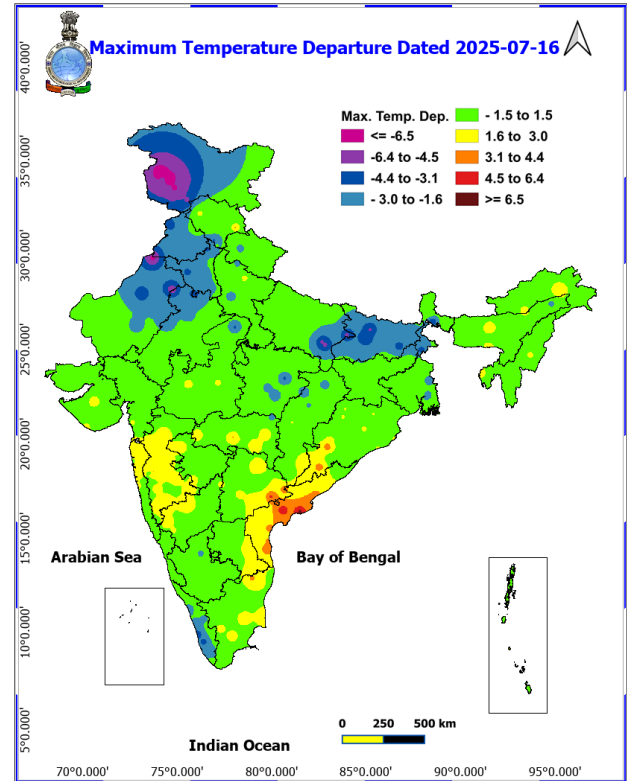


Fig. 3: Minimum Temperatures Dated 2025-07-17

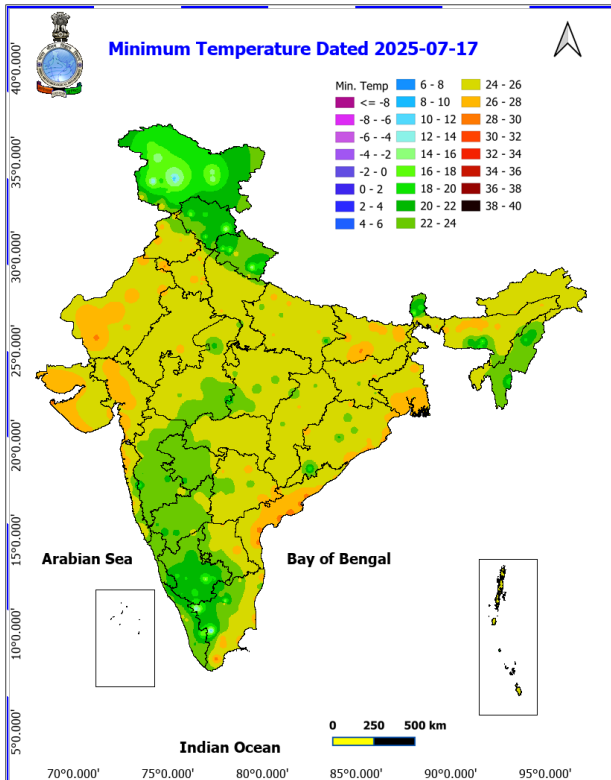
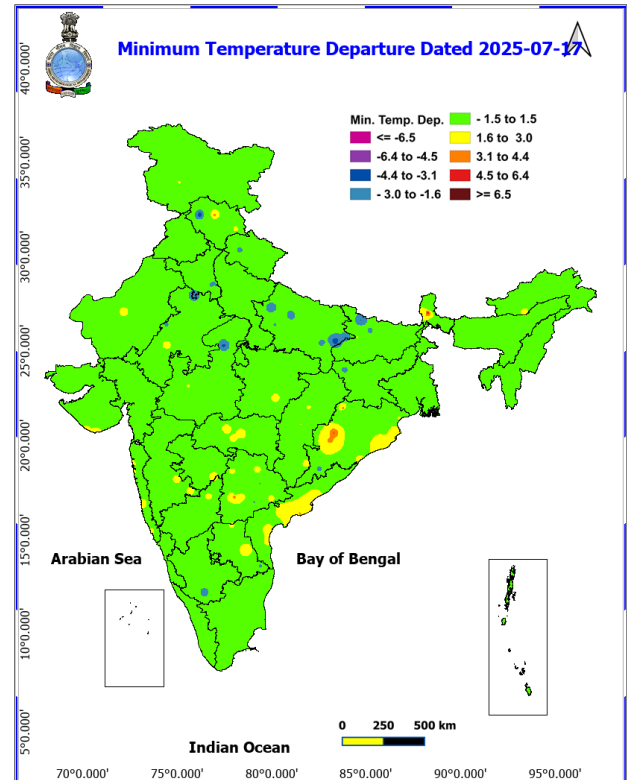
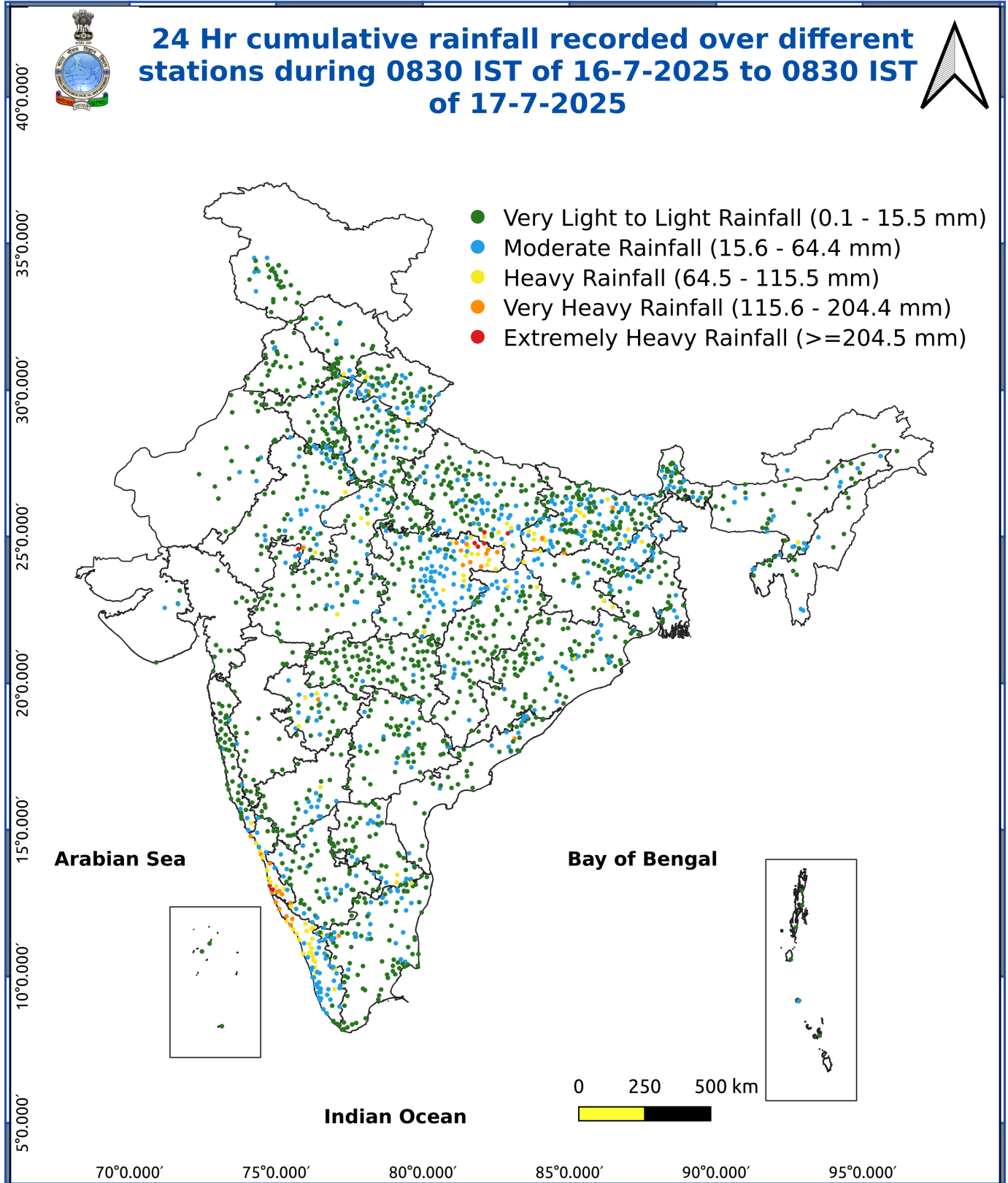


Fig. 4: Departure of Minimum Temp. Dated 2025-07-17





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

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

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

(Service to the nation since 1875)

Impact & Action Suggested

Extremely heavy rainfall (≥ 21 cm) very likely at isolated places over Uttar Pradesh, Madhya Pradesh on 17th; Rajasthan on 18th; Kerala on 17th, 19th & 20th; Coastal Karnataka on 17th and South Interior Karnataka on 17th & 18th July.

Very heavy rainfall over Uttarakhand on 17th and during 20th-23rd; West Uttar Pradesh on 18th, 20th & 21st; East Rajasthan on 17th; Himachal Pradesh during 21st-23rd; Kerala & Mahe, Tamil Nadu, Coastal and South Interior Karnataka during 17th-23rd; West Madhya Pradesh on 18th and Sub-Himalayan West Bengal & Sikkim on 20th July.

Impact Expected

Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of **(Rajasthan and West Madhya Pradesh)** 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.

Agromet advisories for various parts of the country

- > In Madhya Pradesh, ensure proper drainage from standing crops. Postpone transplanting of rice and mango and sowing of pearl millet, soybean and vegetables in Gird Zone. Postpone transplanting of rice and sowing of maize and vegetables in Kymore Plateau & Satpura Hills Zone. Postpone sowing of soybean and sorghum in Malwa Plateau Zone and vegetables and horticultural crops in Bundelkhand Zone.
- > In Rajasthan, postpone sowing of maize, soybean, green gram, black gram and groundnut and ensure drainage in standing crops in Sub Humid Southern Plain and Aravali Hill Zone. Postpone sowing of soybean, black gram, green gram, sesame and maize and provide adequate drainage in standing crops in Southeastern Humid Plain Zone. Make provision to drain out excess water from fields of pearl millet, sesame, black gram and vegetables in Flood Prone Eastern Plain Zone and pearl millet and groundnut fields in Semi Arid Eastern Plain Zone.
- > In South Uttar Pradesh, drain out excess water from standing crops. Postpone transplanting of rice and sowing of green gram, black gram, groundnut and sesame in Bundelkhand Zone. Postpone transplanting of paddy and sowing 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)



maize, pigeon pea, millet, black gram, green gram, groundnut and vegetables in Vindhyan Zone. Postpone sowing of maize, sorghum, pigeon pea, green gram, black gram and vegetables in Eastern Plain Zone.

> In Uttarakhand, ensure proper drainage facilities in soybean, maize, barnyard millet, finger millet, pigeon pea, kidney beans, vegetables and orchards. Harvest matured vegetables and fruits and store in safe place.

> In Chhattisgarh, make arrangements for drainage of excess water from fields of rice, maize, pigeon pea, minor millets and vegetables. Provide mechanical support to tall/weak crops with stakes or bamboo to prevent lodging or breakage.

> In Bihar, do not allow rain water to stagnate in fields of maize, ragi, kodo, Sava, and vegetables in North East Alluvial Zone and ensure proper drainage in maize and vegetable crops in low-lying areas of South Bihar Alluvial Zone.

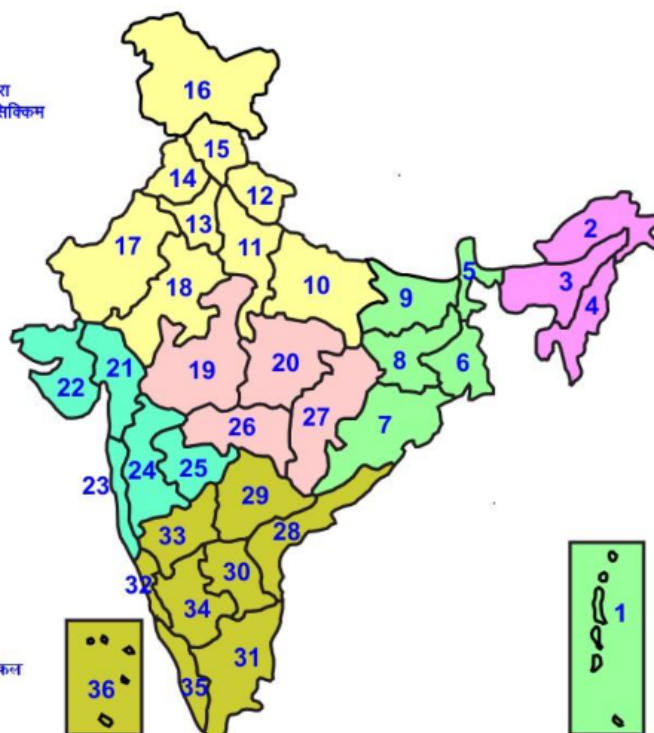
> In Coastal Karnataka, drain out excess water from rice nurseries, transplanted rice fields and plantations of arecanut and coconut in Coastal Zone and from rice nurseries and fields of maize, cotton and ginger and plantations of arecanut in Hill Zone. In South Interior Karnataka, make necessary arrangements to drain out excess water from fields of paddy, maize, black gram, green gram, field bean, cowpea, sugarcane, vegetables, ginger and plantations of coffee, pepper, cardamom, arecanut and banana in Southern Dry Zone and rice nurseries, fields of paddy, finger millet, maize and plantations of arecanut and black pepper in Southern Transition Zone.

> In Kerala, ensure proper drainage facilities in rice nurseries, transplanted rice fields, coconut and banana plantations to prevent water logging. Undertake propping in banana to protect the plants from heavy rains.

> In Tamil Nadu, 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.

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 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


 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 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)