

2026-09-22

Time of Issue: 13:47:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Systems and Warnings:

Northwest India:

- **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 28th September; Uttarakhand during 26th-28th September.
- **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over East Uttar Pradesh during 25th-27th September.
- **Isolated to Scattered** rainfall accompanied with thunderstorm & lightning likely over rest parts of northwest India.
- Isolated **heavy rainfall** likely over Uttarakhand on 28th September; West Uttar Pradesh during 26th-27th September; East Uttar Pradesh on 25th September and on 27th September with isolated **very heavy rainfall** also likely over Uttarakhand during 26th-27th September; East Uttar Pradesh on 26th September.

Central India:

- **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over East Madhya Pradesh and Vidarbha during 22nd-27th September; Chhattisgarh during 22nd-28th September.
- **Isolated to Scattered** rainfall accompanied with thunderstorm & lightning likely over West Madhya Pradesh during 22nd-28th September; East Madhya Pradesh and Vidarbha on 28th September.
- Isolated **heavy rainfall** likely over West Madhya Pradesh on 25th September and on 27th September; East Madhya Pradesh on 24th September and on 27th September; Vidarbha during 22nd-23rd September and on 26th September; Chhattisgarh during 22nd-24th September and on 27th September with isolated **very heavy rainfall** also likely over West Madhya Pradesh on 26th September; Chhattisgarh and East Madhya Pradesh during 25th-26th September; Vidarbha during 24th-25th September.
- **Isolated extremely heavy rainfall likely over Chhattisgarh on 23rd & 24th September.**

East India:

- **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over Andaman & Nicobar Islands during 22nd-28th September; Sub-Himalayan West Bengal & Sikkim during 23rd-27th September; Gangetic West Bengal and Odisha during 22nd-26th September; Jharkhand during 22nd-27th September; Bihar during 24th-27th September.
- **Isolated to Scattered** rainfall accompanied with thunderstorm & lightning likely over Sub-Himalayan West Bengal & Sikkim on 22nd September and on 28th September; Gangetic West Bengal and Odisha during 27th-28th September; Jharkhand on 28th September; Bihar during 22nd-23rd September and on 28th September.
- Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 23rd-24th September; Gangetic West Bengal during 22nd-23rd September and on 25th September; Jharkhand on 23rd September and during 25th-26th September; Bihar on 23rd September and during 26th-27th September; Odisha during 22nd-24th September with isolated **very heavy rainfall** also likely over Odisha and Sub-Himalayan West Bengal & Sikkim on 25th September; Gangetic West Bengal and Jharkhand on 24th September; Bihar during 24th-25th September.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Odisha during 22nd-24th September.
- **Isolated extremely heavy rainfall likely over Odisha during 22nd-24th September.**

Northeast India:

- **Isolated to Scattered** rainfall likely over Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura during 22nd-28th September; Assam & Meghalaya on 22nd September and during 24th-28th September.

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- **Fairly Widespread to Widespread** rainfall likely over Assam & Meghalaya on 23rd September.
- Isolated **thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 22nd-28th September.
- Isolated **heavy rainfall** likely over Arunachal Pradesh and Assam & Meghalaya during 22nd-23rd September.

West India:

- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa and Marathawada during 22nd-23rd September; Madhya Maharashtra on 22nd September.
- **Isolated to Scattered** rainfall likely over Konkan & Goa and Marathawada during 24th-28th September; Madhya Maharashtra during 23rd-28th September; Gujarat Region during 22nd-28th September; Saurashtra & Kutch during 22nd-24th September.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Konkan & Goa during 22nd-24th September; Madhya Maharashtra and Marathawada during 22nd-25th September.
- Isolated **thunderstorm & lightning** likely over Gujarat Region on 22nd September.
- Isolated **heavy rainfall** likely over Konkan & Goa and Madhya Maharashtra during 22nd-23rd September; Marathawada during 22nd-25th September; Gujarat Region on 22nd September.
- Strong Surface Winds likely over Madhya Maharashtra and Marathawada during 24th-25th September.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 22nd-28th September; Coastal Andhra Pradesh & Yanam, Kerala & Mahe and Lakshadweep during 26th-28th September; Coastal Karnataka on 22nd September and during 26th-28th September; North Interior Karnataka during 25th-27th September; South Interior Karnataka during 23rd-28th September; Telangana during 27th-28th September.
- **Fairly Widespread to Widespread** rainfall likely over Coastal Andhra Pradesh & Yanam, Kerala & Mahe and Lakshadweep during 22nd-25th September; Coastal Karnataka during 23rd-25th September; North Interior Karnataka during 22nd-24th September; South Interior Karnataka on 22nd September; Telangana during 22nd-26th September.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Coastal Andhra Pradesh & Yanam on 22nd September; Telangana on 22nd September and during 25th-26th September, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 22nd-23rd September; Kerala & Mahe during 22nd-25th September; Coastal Karnataka, North Interior Karnataka and South Interior Karnataka during 22nd-24th September; Coastal Andhra Pradesh & Yanam during 25th-26th September; Rayalaseema during 24th-26th September.
- Isolated **thunderstorm & lightning** likely over Rayalaseema during 22nd-23rd September.
- Isolated **heavy rainfall** likely over Kerala & Mahe during 23rd-25th September; Coastal Karnataka on 24th September; North Interior Karnataka and South Interior Karnataka during 22nd-24th September; Coastal Andhra Pradesh & Yanam during 22nd-23rd September and on 25th September; Rayalaseema on 22nd September; Telangana during 23rd-24th September with isolated **very heavy rainfall** also likely over Coastal Andhra Pradesh & Yanam on 24th September; Telangana on 22nd September and during 25th-26th September.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Coastal Andhra Pradesh & Yanam and Telangana during 23rd-24th September.
- Strong Surface Winds likely over Coastal Karnataka, North Interior Karnataka and South Interior Karnataka during 22nd-24th September; Coastal Andhra Pradesh & Yanam during 23rd-25th September; Rayalaseema during 22nd-26th September; Telangana during 23rd-24th September.
- **Isolated extremely heavy rainfall likely over Coastal Andhra Pradesh & Yanam on 22nd & 23rd and Telangana on 23rd & 24th September.**

Wind warning:

- Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is prevailing over Westcentral and adjoining Northwest Bay of Bengal.

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- It is very likely to increase reaching 50-60 kmph gusting to 70 kmph over Westcentral & adjoining Northwest Bay of Bengal from 22nd September evening.
- Increasing further is likely to become 55-65 kmph gusting to 75 kmph over Westcentral and adjoining Northwest Bay of Bengal from 23rd September to 24th September evening.
- Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely over adjoining areas of North and South Bay of Bengal from morning of today and becoming 50-60 kmph gusting to 70 kmph on 23rd September.
- Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph commenced along and off south Odisha-north Andhra Pradesh & Yanam coasts in the early morning of today, the 22nd September. It is likely to increase gradually becoming squally wind with speed reaching 50-60 kmph gusting to 70 kmph from evening of today, the 22nd September and 55-65 kmph gusting to 65 kmph from early morning of 23rd till evening of 24th September. It is likely to decrease gradually thereafter.
- Squally wind with speed reaching 45-55 kmph gusting to 65 kmph is likely along & off West Bengal and south Andhra Pradesh & Yanam coasts from 23rd to 24th September.

Sea condition:

- Rough to very rough sea condition likely over Eastcentral Bay of Bengal till evening of 22nd, over westcentral Bay of Bengal from 22nd to 24th September.
- Rough to very rough sea condition is likely over Northwest Bay of Bengal from 22nd to 24th September.
- Rough to very rough sea condition is likely over adjoining areas of southwest Bay of Bengal on 23rd and 24th September.
- Rough to very rough sea condition is likely along & off north Andhra Pradesh-Odisha-West Bengal coasts till evening 24th September.

Fishermen warnings:

- Fishermen are advised not to venture into
- Eastcentral and adjoining northeast Bay of Bengal till 22nd September.
- Westcentral & adjoining northwest & southwest Bay of Bengal and along & off Andhra Pradesh-Odisha-West Bengal coasts till 24th September.

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at most places** over Andaman & Nicobar Islands, Odisha, Rayalaseema and Lakshadweep; **at many places** over Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, South Interior Karnataka and Kerala & Mahe; **at a few places** over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, East Madhya Pradesh, Konkan & Goa, Marathwada, Vidarbha, Chhattisgarh, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka and North Interior Karnataka; **at isolated places** over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, East Rajasthan, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch and Telangana; **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**: Karjat ARG (dist Raigad) 12; Poladpur (dist Raigad) 7; **Madhya Maharashtra**: Vadgaon Maval (dist Pune) 9; Chinchwad - ARG (dist Pune) 6; **North Interior Karnataka**: Yedrami (dist Kalaburgi) 8; Indi (dist Vijayapura) 6; **Nagaland, Manipur, Mizoram & Tripura**: Belonia (dist South Tripura), Belonia ARG (dist South Tripura), Belonia CWC (dist South Tripura) 8 Each; **Odisha**: Pattamundai (dist Kendrapara) 8; Balikuda (dist Jagatsinghpur), Dhamnagar (dist Bhadrak), Astaranga (dist Puri), Rajkanika (dist Kendrapara), Aul (dist Kendrapara) 7 Each; Kakatpur (dist Puri), Akhuapada (dist Bhadrak), Bhandaripokhari (dist Bhadrak), Rangeilunda (dist Ganjam), Naugaon (dist Jagatsinghpur), Jenapur (dist Jajpur), Chikiti (dist Ganjam) 6 Each; **Rayalaseema**: Kanekal (dist Anantapuramu) 8; Gooty (dist Anantapuramu), Jupadu Bungalow (dist Nandyal), Nandikotkur (dist Nandyal), Rudravaram (dist Nandyal) 6 Each; **Gujarat Region**: Khanvel (dist Dadara & Nagar Haveli) 7; **Tamil Nadu, Puducherry & Karaikal**: Perambur (dist Chennai) 7; Srimushnam (dist Cuddalore), Maduranthagam (dist Chengalpattu), Attur (dist Salem), Thammampatty (dist Salem), Ambur (dist Tirupattur), Vaniyambadi (dist Tirupattur) 6 Each; **Coastal Andhra Pradesh & Yanam**: Yanam (dist Yanam) 7; Kalingapatnam (dist Srikakulam) 6; **South Interior Karnataka**: Hesaraghatta (dist Bengaluru Urban) 6; **Telangana**: Itikyall (dist Jogulamba Gadwal) 6; **East Madhya Pradesh**: Deori (dist Sagar) 6.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heavy to very heavy rain** at isolated places over Konkan & Goa. **Heavy rain** at isolated places over Nagaland, Manipur, Mizoram & Tripura, Odisha, Gujarat Region, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and North Interior Karnataka.

❖ **Minimum Temperature Departures (as on 22-09-2026)**: **markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, West Uttar Pradesh, West Madhya Pradesh, East Madhya Pradesh and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at few places over East Madhya Pradesh; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada. **above normal(1.6°C to 3.0°C)** at many places over Jharkhand, West Rajasthan and Madhya Maharashtra; at most places over Arunachal Pradesh; at few places over Gangetic West Bengal, Bihar, West Uttar Pradesh, Uttarakhand, East Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana, Coastal Karnataka and Kerala & Mahe; at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Odisha, East Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, East Rajasthan, West Madhya Pradesh, Gujarat Region, Marathwada, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka and South Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Haryana-Chandigarh-Delhi, Punjab, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, Gujarat Region, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Coastal Karnataka and Kerala & Mahe; at most places over Andaman & Nicobar Islands, Odisha, Himachal Pradesh, East Rajasthan, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka, South Interior Karnataka and Lakshadweep; at few places over Bihar, East Uttar Pradesh, West Uttar Pradesh, West Rajasthan, East Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Vidarbha and Telangana; at isolated places over Jharkhand, Uttarakhand and Marathwada. **The lowest minimum temperature** of 17.0°C was reported at HALFLONG (ASSAM) over the Plains of India.

❖ **Maximum Temperature Departures (as on 21-09-2026)**: **markedly above normal(> 5.1°C)** at most places over Arunachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at few places over Assam & Meghalaya and Himachal Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at many places over Sub Himalayan West Bengal & Sikkim; at isolated places over Nagaland, Manipur, Mizoram & Tripura and Punjab. **above normal(1.6°C to 3.0°C)** at isolated places over Uttarakhand, Haryana-Chandigarh-Delhi, West Rajasthan, East Rajasthan, Saurashtra & Kutch and Coastal Andhra Pradesh & Yanam. **near normal(-1.5°C to 1.5°C)** at many places over Gangetic West Bengal,

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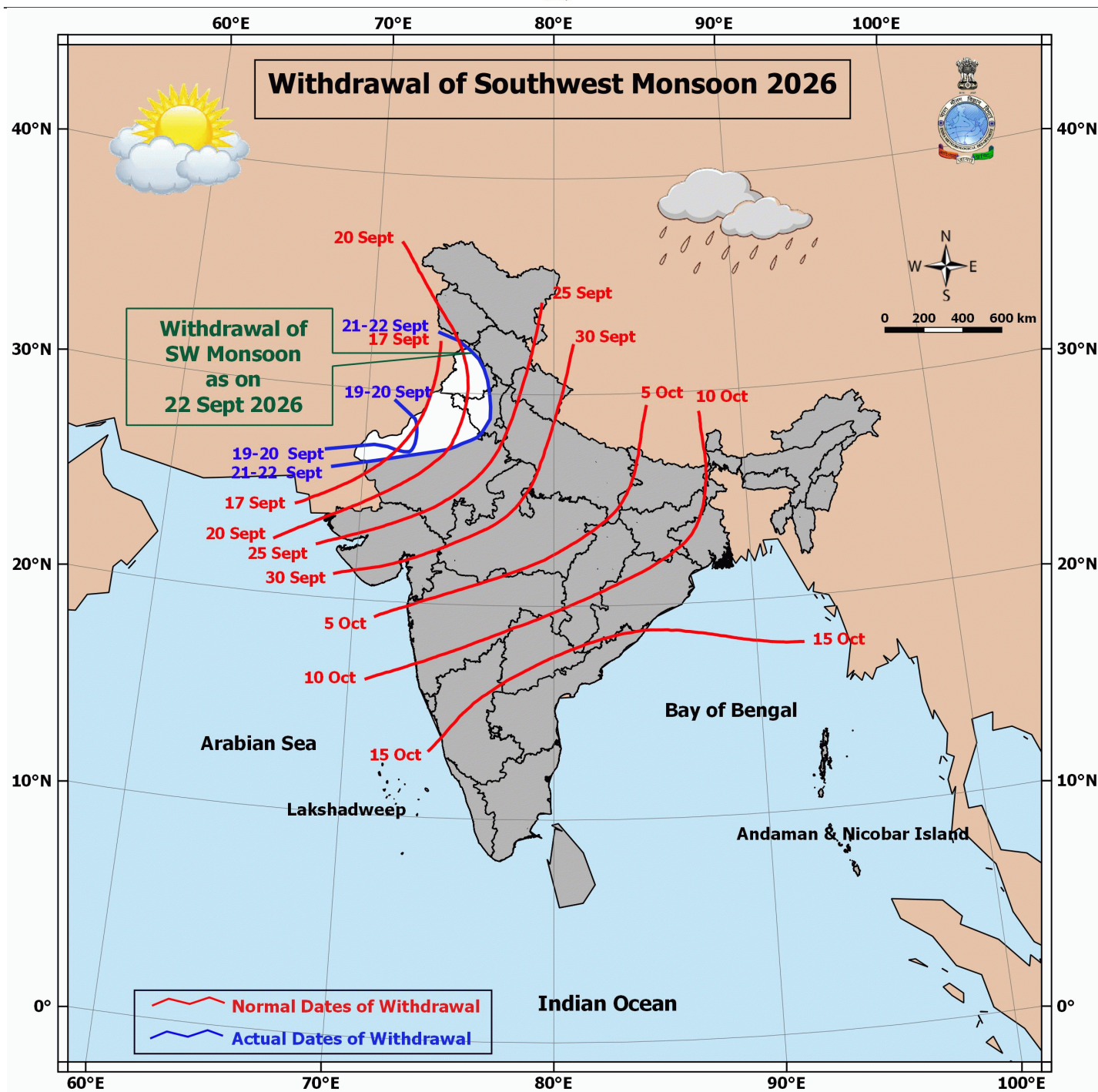
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West Uttar Pradesh, Tamil Nadu, Puducherry & Karaikal and Coastal Karnataka; at most places over Konkan & Goa; at few places over Bihar; at isolated places over East Uttar Pradesh, Telangana, South Interior Karnataka and Kerala & Mahe. **The highest maximum temperature** of 40.3°C was reported at JAISALMER (RAJASTHAN).

Meteorological Analysis (Based on 0830 hours IST)

- The **line of withdrawal of Southwest Monsoon** continue to pass through 26.2°N/68.4°E, Jaisalmer, Nagaur, Sikar, Rohtak, Patiala, Gurdaspur and 32.8°N/73.7°E.
- **Conditions are favourable** for further withdrawal from remaining parts of Punjab, Haryana-Chandigarh-Delhi, some more parts of Rajasthan and some parts of Saurashtra & Kutch, Jammu & Kashmir, Himachal Pradesh, Uttarakhand and West Uttar Pradesh during next 2 days.
- The **Depression** over Westcentral & adjoining Northwest Bay of Bengal, moved westwards with speed 18 kmph during past 06 hours and lay centred at 0830 hrs IST of today, the 22nd September, 2026, over the same region near latitude 17.9°N and longitude 86.0°E, about 200 km southeast of Gopalpur (Odisha), 200 km east-southeast of Kalingapatnam (Andhra Pradesh), 210 km south of Puri (Odisha), and 290 km east of Visakhapatnam (Andhra Pradesh). It is very likely to move west-northwestwards & intensify into a deep depression over Westcentral & adjoining Northwest Bay of Bengal during next 12 hours. Continuing to move west-northwestwards it is very likely to cross north Andhra Pradesh - South Odisha coasts between Visakhapatnam & Gopalpur as a Deep Depression during night of 23rd to early hours of 24th September 2026.
- The **trough** now runs from centre of the **Depression** over Westcentral & adjoining Northwest Bay of Bengal to southeast Arabian sea across Coastal Andhra Pradesh and Karnataka between 3.1 & 7.6 km above mean sea level.
- The **Western Disturbance** as a cyclonic circulation over Jammu and neighbourhood now seen as a trough in middle level tropospheric westerlies with its axis at 5.8 km above mean sea level runs roughly along Long. 78°E to the north of Lat. 28°N
- The **North-South trough** from North Bay of Bengal to the **cyclonic circulation** associated with the **Depression** and extending upto 3.1 km above mean sea level has become less marked.
- The **trough** from the centre of the **cyclonic circulation** associated with the **Depression** to North Andaman Sea at 3.1 km above mean sea level has become less marked.
- The **upper air cyclonic circulation** over central Tamil Nadu & neighbourhood between 4.5 & 7.6 km above mean sea level has become less marked.
- The **upper air cyclonic circulation** over Eastcentral & adjoining Northeast Arabian Sea between 3.1 & 7.6 km above mean sea level has become less marked.
- The upper air **cyclonic circulation** over southwest Uttar Pradesh & neighbourhood at 5.8 km above mean sea level has become less marked.

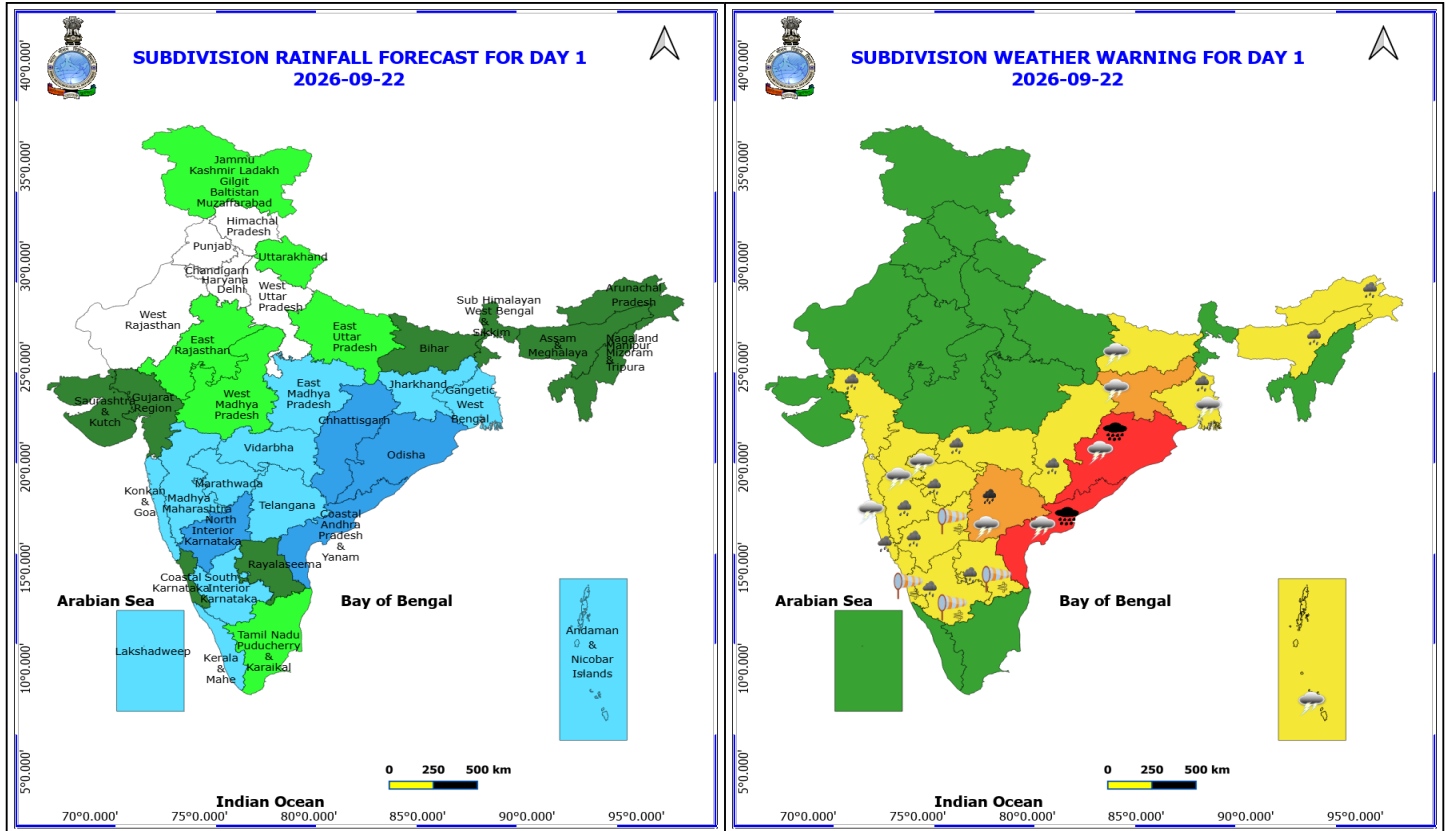


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22 September (Day 1)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Coastal Andhra Pradesh and Odisha.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Telangana.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gangetic West Bengal, Gujarat Region, Interior Karnataka, Konkan & Goa, Maharashtra and Rayalaseema.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Odisha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Coastal Andhra Pradesh, Gangetic West Bengal, Jharkhand, Konkan & Goa, Madhya Maharashtra, Marathwada and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Karnataka, Kerala & Mahe, Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat Region, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Rayalaseema and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Karnataka and Rayalaseema.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia coasts adjoining southwest Arabian Sea and Gulf of Mannar.

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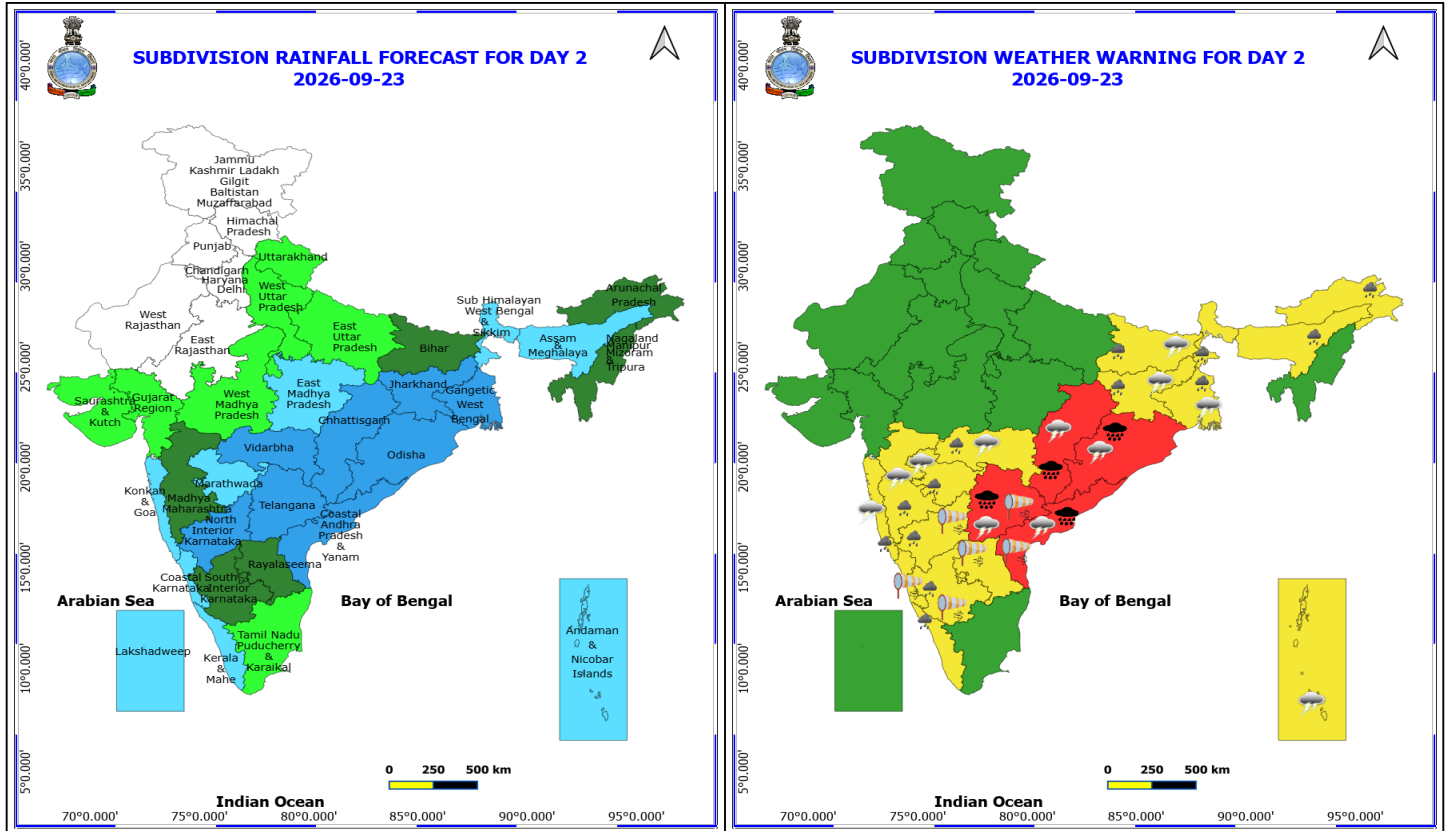
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- ❖ Bay of Bengal: Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is prevailing over Westcentral and adjoining Northwest Bay of Bengal. It is very likely to increase reaching 50-60 kmph gusting to 70 kmph over Westcentral & adjoining Northwest Bay of Bengal.
- ❖ Squally weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off south Myanmar coasts, over Andaman Sea, some parts of south, central adjoining north Bay of Bengal and gulf of Mannar.



23 September (Day 2)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh, Odisha and Telangana.
 - ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Interior Karnataka, Jharkhand, Kerala & Mahe, Konkan & Goa, Maharashtra and West Bengal & Sikkim.
 - ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Coastal Andhra Pradesh, Odisha and Telangana.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Chhattisgarh, Gangetic West Bengal, Jharkhand, Konkan & Goa and Maharashtra.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Karnataka, Kerala & Mahe, Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
 - ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura and Rayalaseema.
 - ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh, Karnataka and Telangana.
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- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia coasts adjoining southwest Arabian Sea and Gulf of Mannar. Squally wind with speed 35-45 kmph gusting to 55 kmph likely over Karnataka, Kerala and Lakshadweep coast.
 - ❖ **Bay of Bengal:** Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is prevailing over

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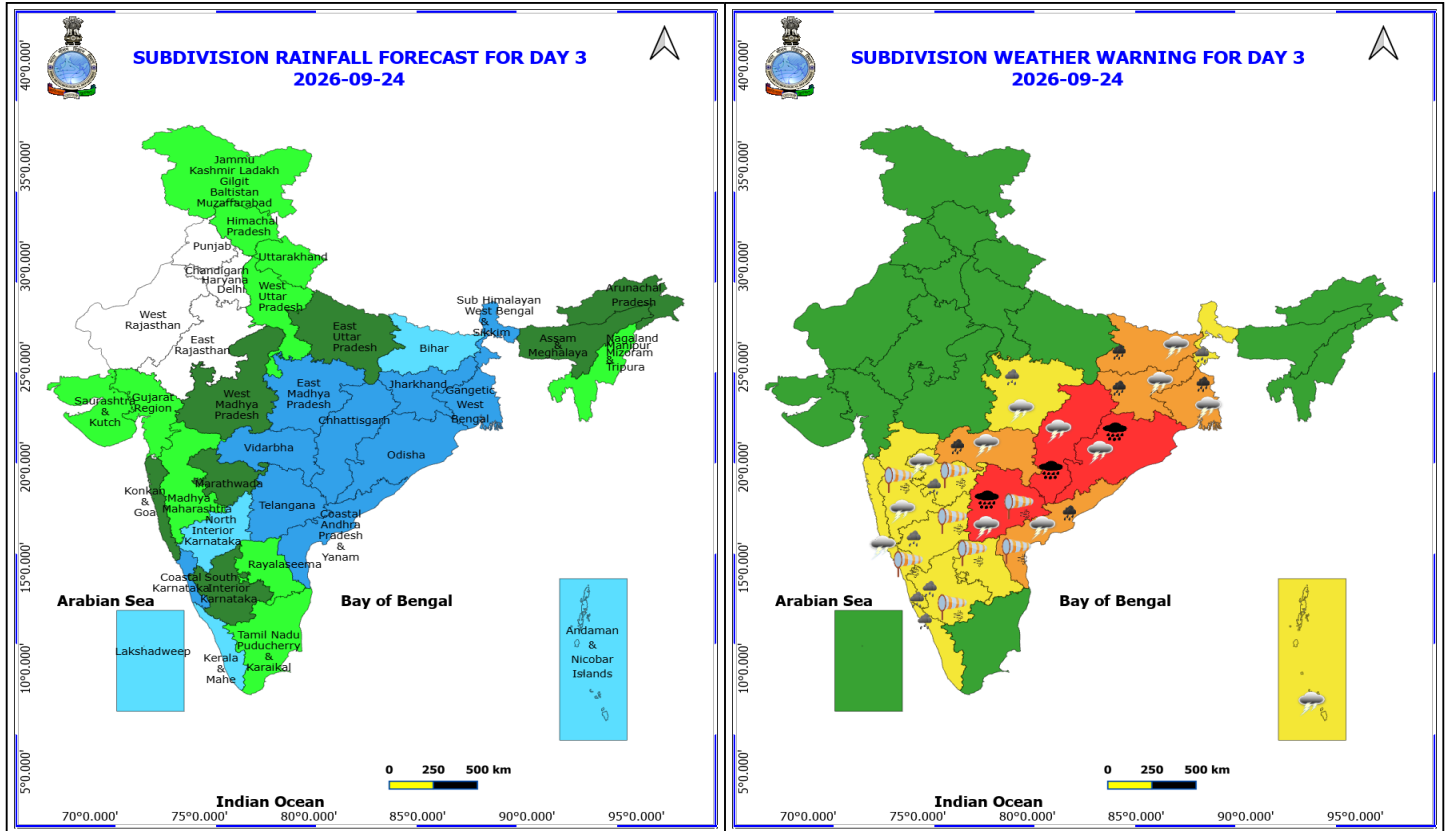
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Westcentral and adjoining Northwest Bay of Bengal. It is very likely to increase reaching 55-65 kmph gusting to 75 kmph over Westcentral & adjoining Northwest Bay of Bengal.

- ❖ Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely over adjoining areas of North and South Bay of Bengal, along & off West Bengal and south Andhra Pradesh & Yanam coasts.
- ❖ Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph commenced along and off south Odisha-north Andhra Pradesh & Yanam coasts. It is likely to increase gradually becoming squally wind with speed reaching 50-60 kmph gusting to 70 kmph.



24 September (Day 3)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Chhattisgarh, Odisha and Telangana.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Bihar, Coastal Andhra Pradesh, Gangetic West Bengal, Jharkhand and Vidarbha.
- ❖ **Heavy Rainfall** very likely at isolated places over East Madhya Pradesh, Karnataka, Kerala & Mahe, Marathwada and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Coastal Andhra Pradesh, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Chhattisgarh, East Madhya Pradesh, Gangetic West Bengal, Jharkhand, Konkan & Goa and Maharashtra.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Karnataka, Kerala & Mahe, Rayalaseema and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura and West Madhya Pradesh.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh, Karnataka, Madhya Maharashtra, Marathwada and Telangana.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia

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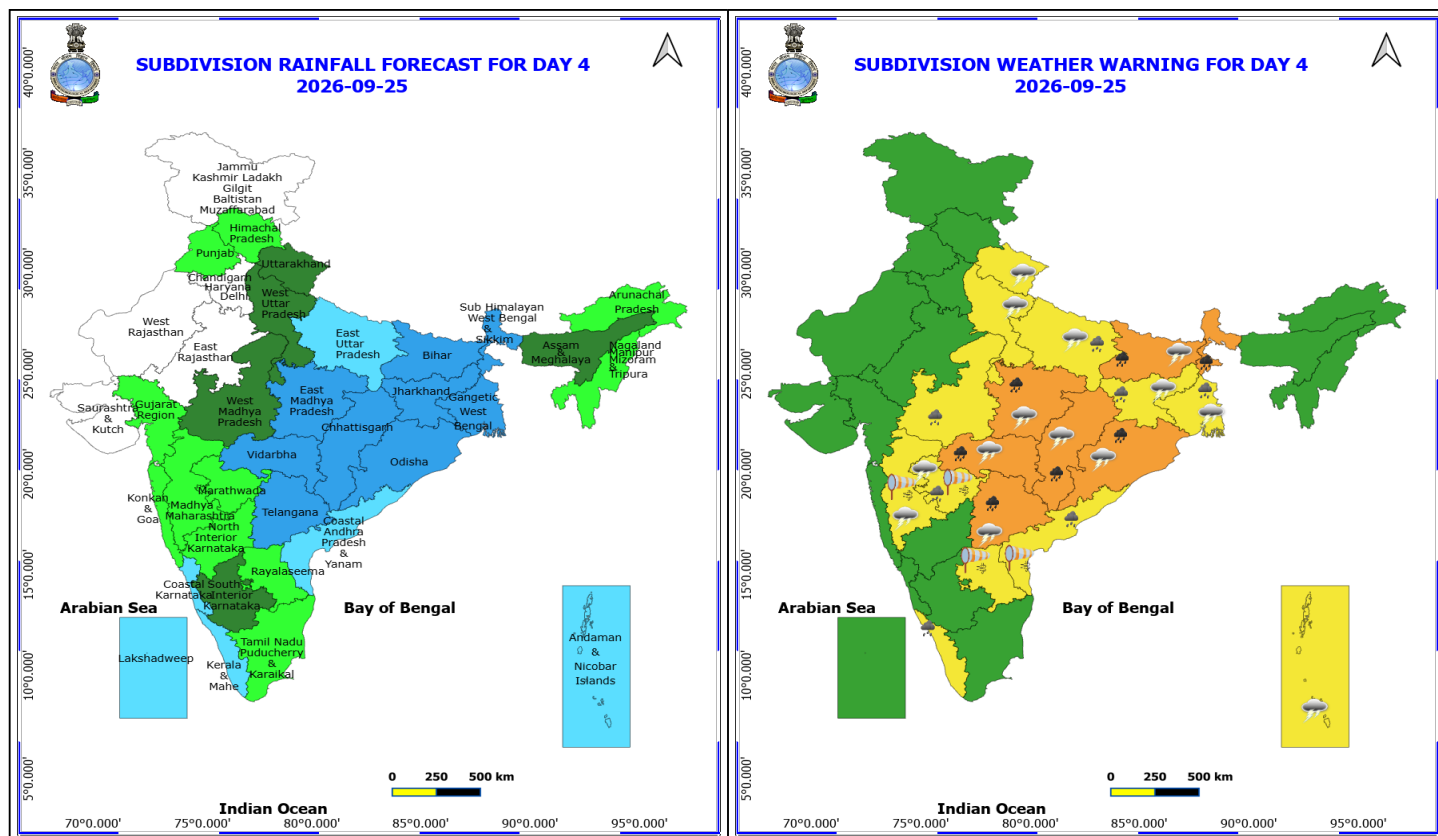
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coasts adjoining southwest Arabian Sea and Gulf of Mannar. Squally wind with speed 35-45 kmph gusting to 55 kmph likely over Karanataka, Kerala and Lakshadweep coast.

- ❖ Bay of Bengal: Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is prevailing over Westcentral and adjoining Northwest Bay of Bengal. It is very likely to increase reaching 55-65 kmph gusting to 75 kmph over Westcentral & adjoining Northwest Bay of Bengal.
- ❖ Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely over adjoining areas of North and South Bay of Bengal, along & off West Bengal and south Andhra Pradesh & Yanam coasts
- ❖ Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph commenced along and off south Odisha-north Andhra Pradesh & Yanam coasts. It is likely to increase gradually becoming squally wind with speed reaching 55-65 kmph gusting to 75 kmph..



25 September (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Bihar, Chhattisgarh, East Madhya Pradesh, Odisha, Sub Himalayan West Bengal & Sikkim, Telangana and Vidarbha.
- ❖ **Heavy Rainfall** likely at isolated places over Coastal Andhra Pradesh, East Uttar Pradesh, Gangetic West Bengal, Jharkhand, Kerala & Mahe, Marathwada and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Chhattisgarh, East Madhya Pradesh, Gangetic West Bengal, Jharkhand, Maharashtra, Odisha, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andhra Pradesh, Kerala & Mahe and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura and West Madhya Pradesh.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh, Madhya Maharashtra and Marathwada.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia coasts adjoining southwest Arabian Sea and Gulf of Mannar.
- ❖ **Bay of Bengal:** Squally weather with wind speed 50-60 kmph gusting to 70 kmph is likely to prevail along and off Odisha and north Andhra Pradesh coasts, over some parts of westcentral & northwest Bay of Bengal
- ❖ Squally weather with wind speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off West Bengal, south Andhra Pradesh, north Tamil Nadu, north Sri Lanka coasts, and over many parts of Bay of Bengal.

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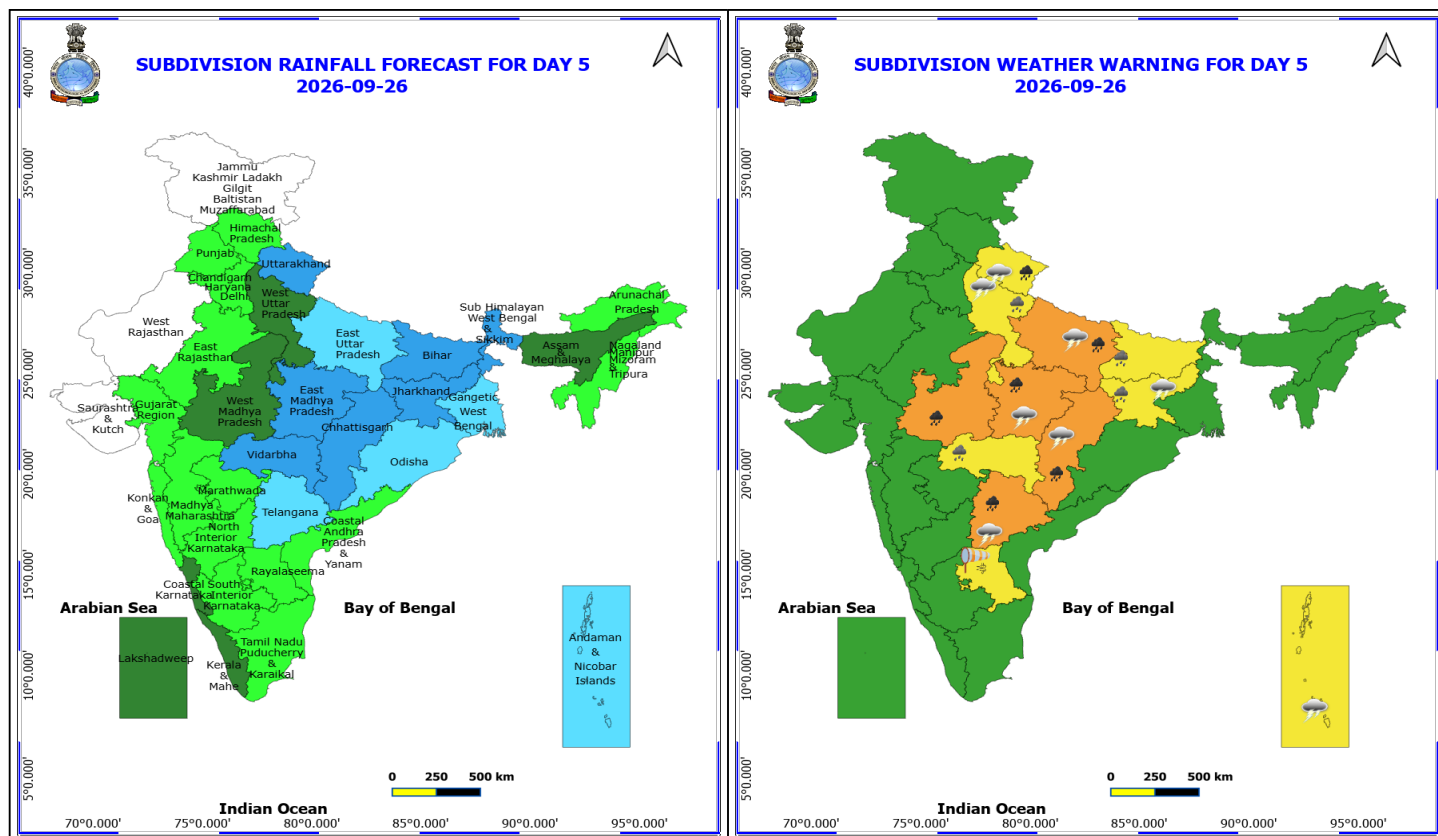
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❖ Squally weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over Gulf of Mannar, Andaman Sea and along & off south Myanmar, Bangladesh coasts and many parts of Bay of Bengal.



26 September (Day 5)

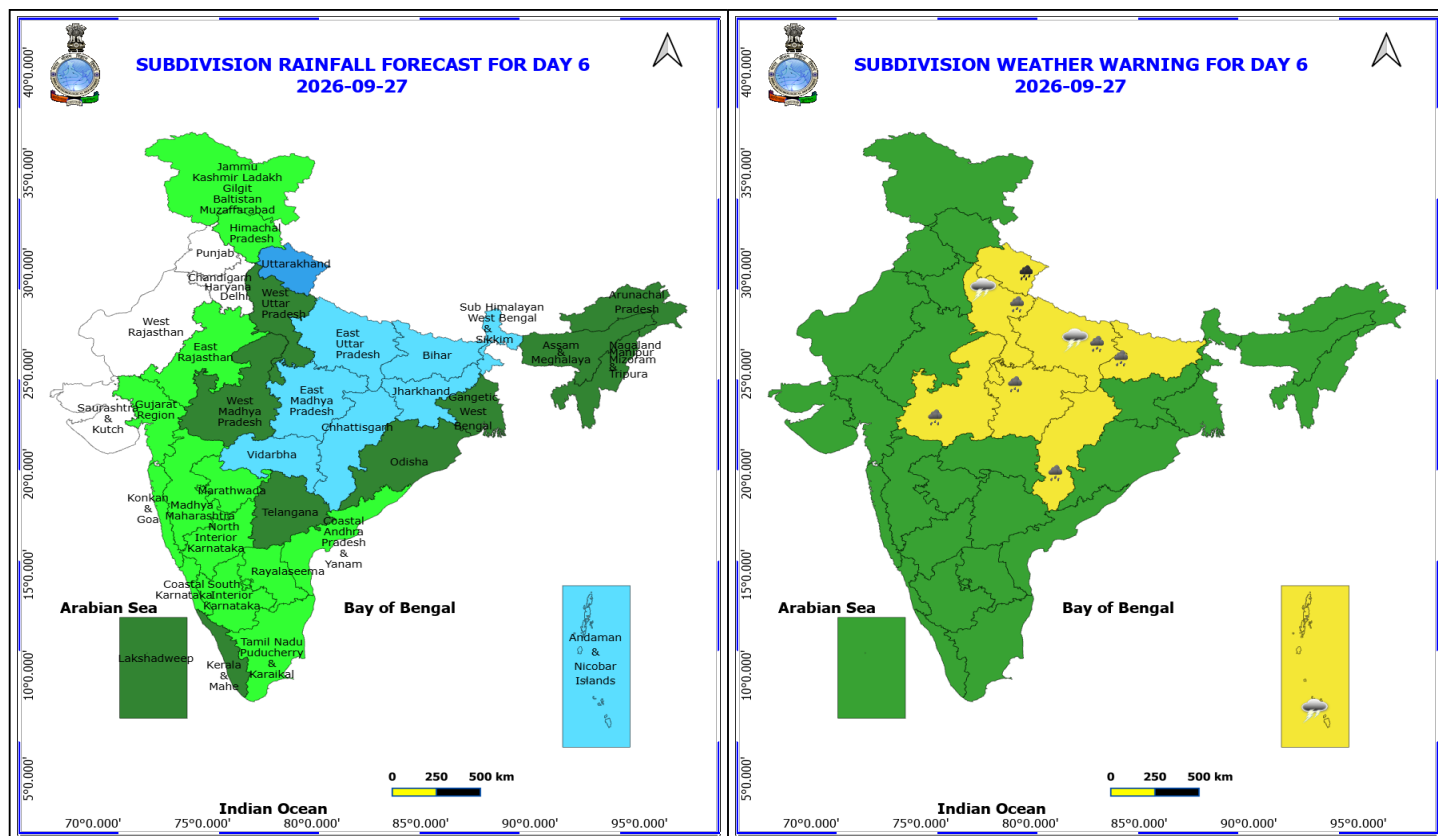
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Chhattisgarh, East Uttar Pradesh, Madhya Pradesh, Telangana and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Jharkhand, Vidarbha and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Chhattisgarh, East Madhya Pradesh, Jharkhand, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andhra Pradesh, Bihar, Sub Himalayan West Bengal & Sikkim and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura and West Madhya Pradesh.
- ❖ **Strong Surface Winds** likely at isolated places over Rayalaseema.
- ❖ Bay of Bengal: Squally weather with wind speed 50-60 kmph gusting to 70 kmph is likely to prevail along and off Odisha and north Andhra Pradesh coasts, over some parts of westcentral & northwest Bay of Bengal
- ❖ Squally weather with wind speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off south Andhra Pradesh, north Tamil Nadu, north Sri Lanka coasts, and over many parts of Bay of Bengal.
- ❖ Squally weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over Gulf of Mannar, Andaman Sea and along & off south Myanmar, Bangladesh coasts and many parts of Bay of Bengal.

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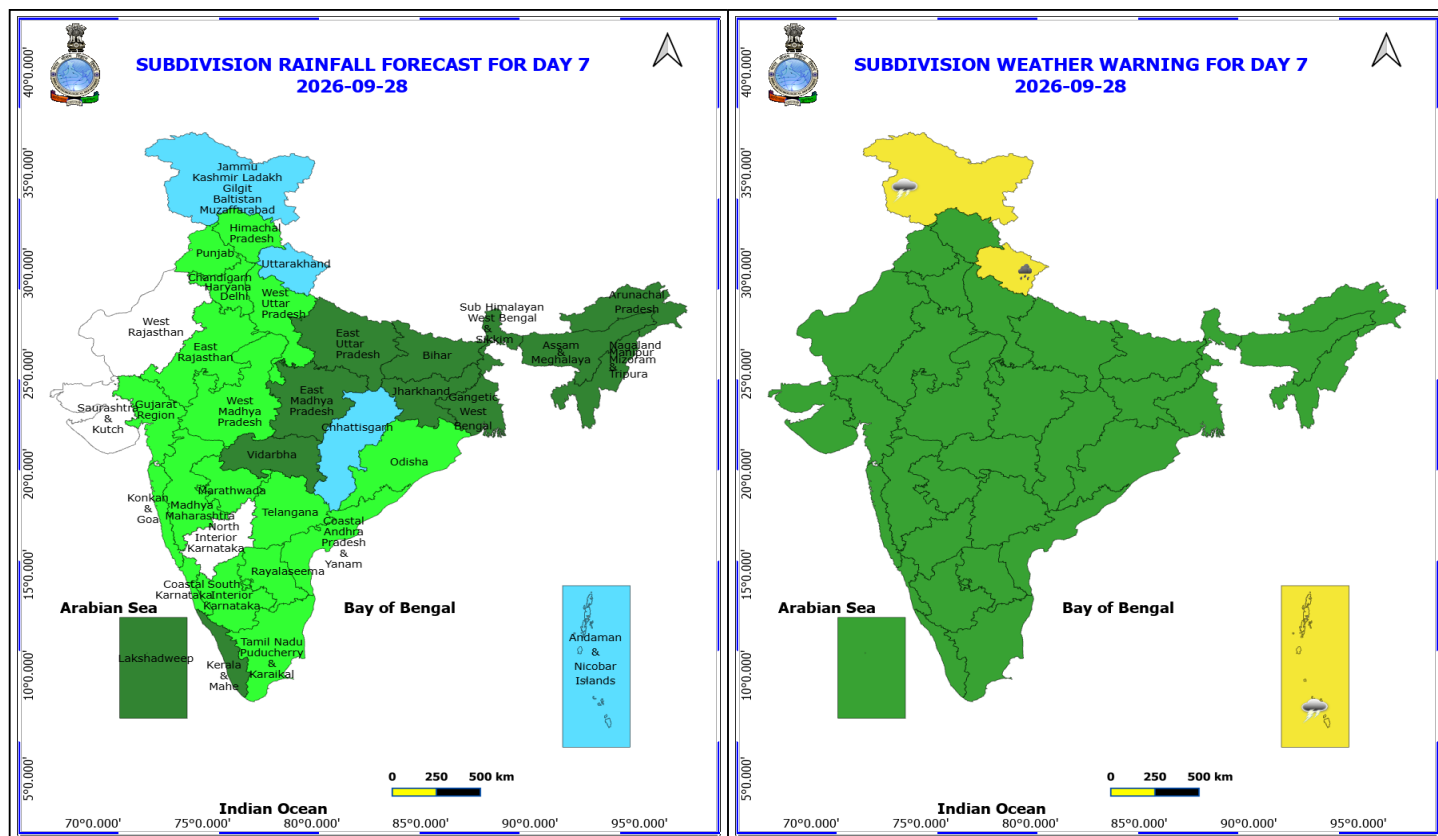
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27 September (Day 6)

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

No Fishermen Warning



28 September (Day 7)

- ❖ **Heavy Rainfall** likely at isolated places over Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Jharkhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.

No Fishermen Warning

Flash Flood Warnings

Flash Flood Risk (FFR) till 1130 IST of 23-09-2026:

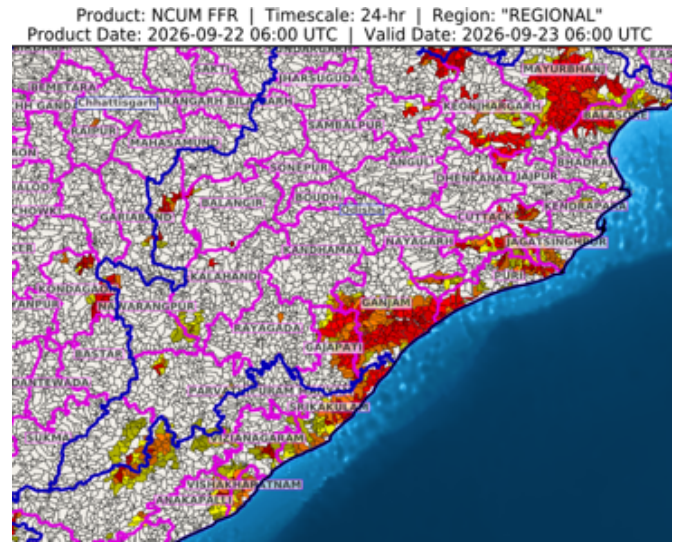
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Odisha: Balasore, Keonjhar, Mayurbhanj, Khurda, Jagatsinghpur, Puri, Nayagarh, Ganjam and Gajapati districts

Coastal Andhra Pradesh & Yanam: Anakapalli, Vizianagaram, Vishakhapatnam, Srikakulam and Sri Alluri Sitharamaraju District districts

Chhattisgarh: Bijapur and Kondagaon 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.



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Table-1

7 Days Rainfall Forecast

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

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

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Fig. 1: Maximum Temperatures Dated 2026-09-21

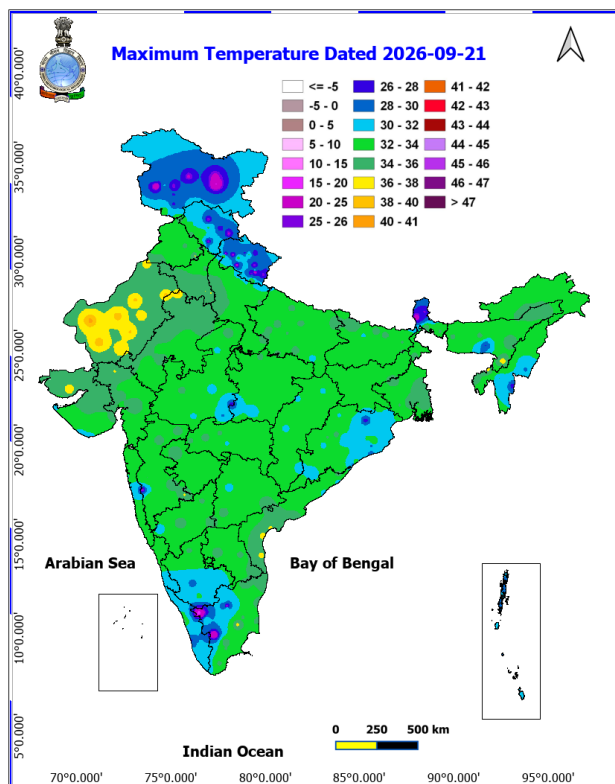


Fig. 2: Departure of Maximum Temp. Dated 2026-09-21

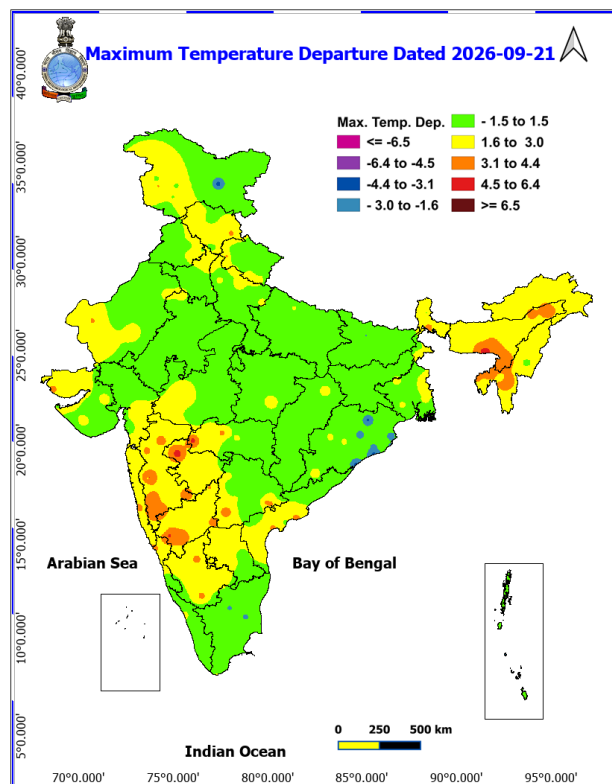


Fig. 3: Minimum Temperatures Dated 2026-09-22

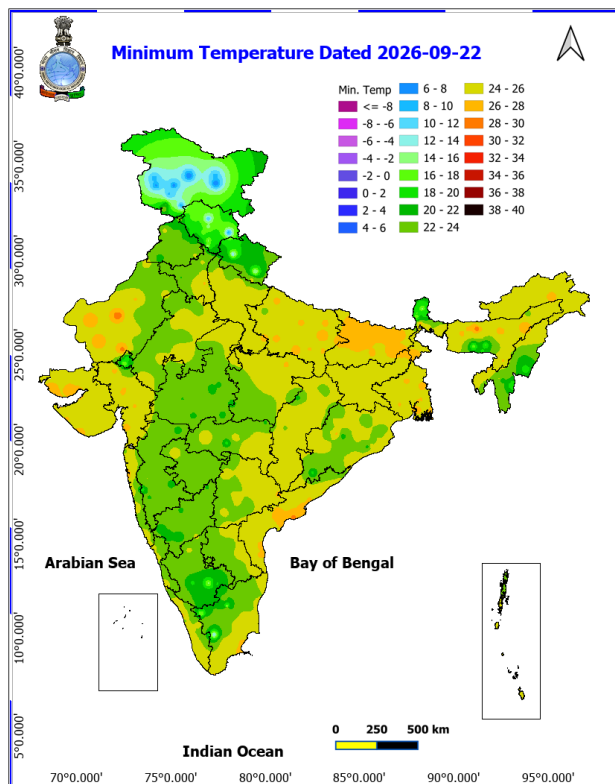
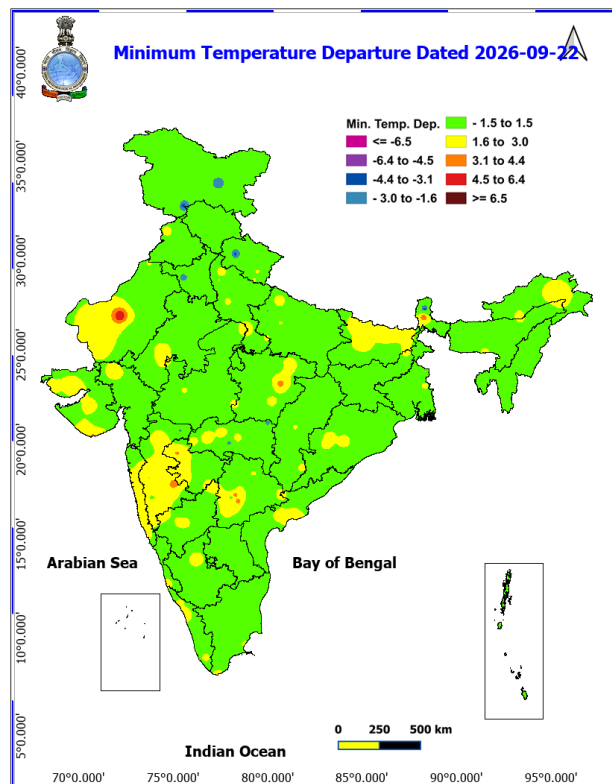
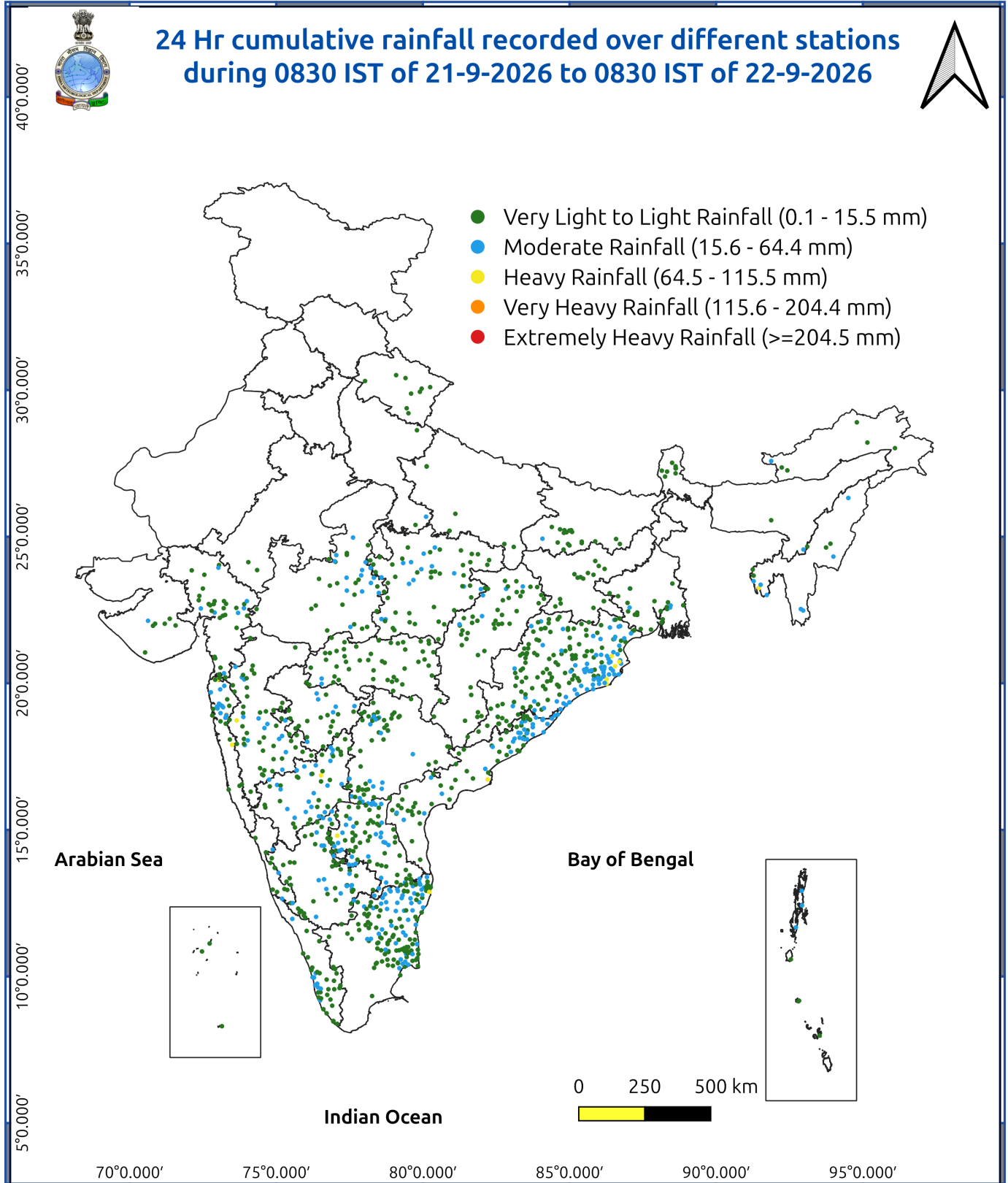


Fig. 4: Departure of Minimum Temp. Dated 2026-09-22





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Impact and Actions

Impact Expected and Action Suggested due to very heavy rainfall:

- Isolated extremely heavy rainfall likely over Chhattisgarh and Telangana on 23rd & 24th; Odisha during 22nd-24th; Coastal Andhra Pradesh & Yanam on 22nd & 23rd September.
- Moderate to severe lightning activity likely over Jharkhand 22nd September.

Impact expected:

- Breaking of tree branches, uprooting of small trees like banana, papaya, drum sticks. Strong wind and rain may damage plantation, horticulture and standing crops.
- Partial damage to vulnerable structures due to strong winds and rain.
- Minor damage to kutch houses/walls, huts and roads due to heavy rain.
- Loose objects may fly.
- Small ships, trawlers and boats may be affected.
- Road and rail traffic may be affected due to heavy rain and squally winds.
- There could be localised landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- Occasional reduction in visibility due to heavy rainfall.
- Helicopter services may get affected.

Action suggested:

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Take safe shelters; do not take shelter under trees, as there could be lightning.
- In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- Tourism and recreational activities to be regulated.
- Onshore and offshore activities to be judiciously regulated.
- Helicopter services to be regulated.

Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy Rainfall

- In **Odisha**, ensure effective and continuous drainage of excess water from rice, maize, millets, ginger, turmeric, vegetables, pulses and orchards. Keep drainage channels clear, protect vegetable nurseries and provide staking to vegetables and newly planted banana to prevent lodging.
- In **Coastal Andhra Pradesh**, clear drainage channels and remove excess water from rice, maize, ragi, groundnut, red gram, sugarcane, vegetables and orchards. Harvest mature maize and keep it in a safe, dry place, while providing strong support to fruit-bearing banana plants and propping sugarcane.
- In **Gangetic West Bengal**, maintain proper drainage in rice and other crop fields to prevent water stagnation. Keep field channels clear, strengthen drainage in areas prone to water accumulation and harvest mature crops during suitable dry intervals, storing the produce in a dry, safe place.
- In **Chhattisgarh**, maintain effective drainage in rice, maize, groundnut, minor millets, pulses and vegetables. Keep drainage channels clear, particularly in low-lying maize, ginger and turmeric fields, remove stagnant water promptly and provide support to vulnerable vegetable crops.
- In **Telangana**, ensure adequate drainage in rice, cotton, green gram, black gram, red gram, vegetables and orchards to prevent water stagnation. Provide staking/support to vulnerable crops and postpone fertilizer and plant-protection operations until weather conditions become suitable. Harvest mature produce and keep it in a safe dry place.
- In **Rayalaseema**, maintain adequate drainage in standing crop fields and remove excess water promptly to prevent waterlogging. Postpone irrigation, intercultural operations, fertilizer and plant-protection applications

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until the fields are sufficiently dry and workable.

- In **Karnataka**, maintain drainage in standing crop fields and postpone intercultural, fertilizer and plant-protection operations during wet conditions. Harvest mature green gram, black gram and soybean wherever conditions permit, secure harvested produce in covered storage and provide staking/propping support to vulnerable crops.
- In **Vidarbha**, Avoid field operations during wet conditions. Postpone irrigation in rice, soybean, cotton, pigeon pea, sorghum and maize. Harvest mature produce and keep it in a safe dry place.
- In **Konkan and Goa**, drain excess water from standing crops, vegetables and orchards and keep field drainage channels functional. Maintain adequate water level in rice and provide staking/support to young plants and vegetables; undertake propping in sugarcane to minimise lodging.
- In **Madhya Maharashtra**, ensure drainage in standing crop fields and postpone irrigation, intercultural operations, fertilizer and plant-protection measures during wet conditions. Harvest mature green gram and black gram wherever possible and keep the harvested produce in safe, dry places.
- In **Marathwada**, ensure drainage in standing crop fields and postpone field operations during excessive wetness. Harvest mature maize, green gram and black gram during suitable weather and keep the harvested produce in safe, dry places.
- In **Arunachal Pradesh**, drain excess water from standing crops and harvest mature upland/Jhum rice, finger millet, soybean and vegetables during dry intervals, immediately moving the produce to safe, covered storage. Continue harvesting mature tomato and chilli during rain-free periods.
- In **Assam and Meghalaya**, maintain effective drainage in rice, sesame, ginger, green gram, black gram and other crops, keeping field channels open to prevent waterlogging. Harvest mature jute, banana and bottle gourd during suitable dry intervals and keep harvested produce safe and dry
- In **Kerala**, ensure effective drainage in banana, black pepper, coconut, ginger and turmeric fields following the recent rainfall and provide strong support to banana plants and trellis-grown crops. Postpone all field operations until rainfall ceases and soil conditions become suitable.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

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

Agromet advisory for likely impact of heavy rainfall on Livestock / Poultry / Fisheries

- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store the feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

Legends & abbreviations:

Region wise classification of meteorological Sub-Divisions:

- **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan..
- **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **West India:** Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathawada.
- **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

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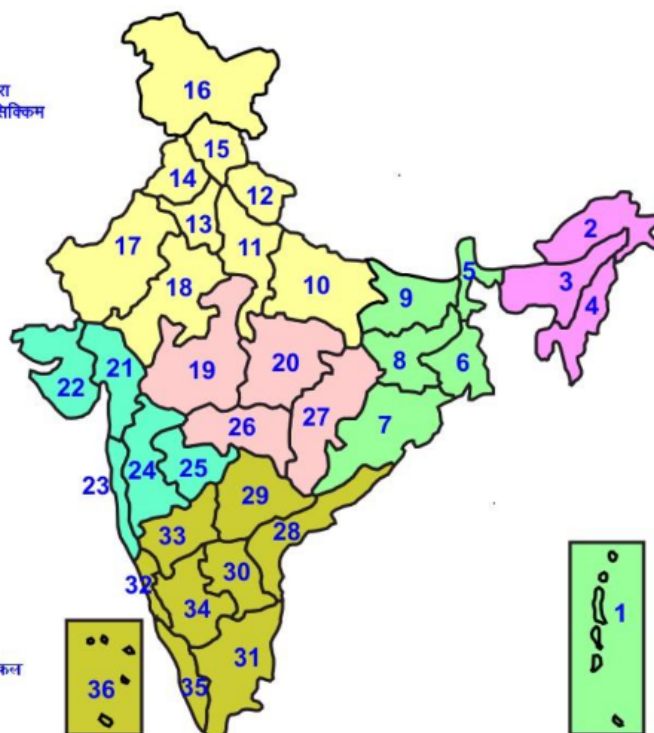
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LEGENDS

- 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

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LEGENDS

WARNING

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

Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75



Heavy: 64.5 to 115.5 mm/cm *
Very Heavy: 115.6 to 204.4 mm/cm *
Extremely Heavy: > 204.4 mm/cm *



When maximum temperature of a station reaches $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ for hilly regions
(a) Based on Departure from normal

Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C .
Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$

(b). Based on Actual maximum temperature

Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$.
Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$

(c). Criteria for heat wave for coastal stations

When maximum temperature departure is $> 4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$



When maximum temperature remains 40°C

Warm Night: When minimum temperature departure 4.5°C to 6.4°C .
Severe Warm Night: When minimum temperature departure $> 6.4^{\circ}\text{C}$.



When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions.

(a). Based on departure

Cold Wave: Minimum Temperature Departure from normal -4.5°C to -6.4°C .
Severe Cold Wave: Minimum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$

(b) Based on actual Minimum Temperature (for Plains only)

Cold Wave: When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$
Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$

(c) For Coastal Stations

When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$



When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions
Based on departure

Cold Day: Maximum Temperature Departure from normal -4.5°C to -6.4°C .
Severe Cold Day: Maximum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$



Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$

Moderate Fog: When the visibility between 500-200 metres
Dense Fog: when the visibility between 50-200 metres
Very Dense Fog: when the visibility < 50 metres



Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)



An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.



Ice deposits on ground

Air temperature $\leq 4^{\circ}\text{C}$ (over Plains)



A strong wind that rises suddenly, lasts for atleast 1 minute.

Moderate: Wind speed 52-61 kmph
Severe: Wind speed 62-87 kmph
Very Severe: Wind speed > 87 kmph



Effect of various waves in the sea over specific area

Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre
High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre
Phenomenal: Wind speed > 117 kmph (> 63 knots) & Wave height > 14 metre



Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots)

Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)
Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64-89 knots)
Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90-119 knots)
Super Cyclone Storm: Wind speed > 220 kmph (> 119 knots)

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

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

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

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