

2026-09-21

Time of Issue: 13:38:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings:

Northwest India:

Isolated to Scattered rainfall likely over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 24th-27th September; Uttarakhand during 21st-25th September.

Isolated to Scattered rainfall likely over Haryana Chandigarh & Delhi and Punjab during 26th-27th September; West Uttar Pradesh during 24th-27th September; East Uttar Pradesh during 23rd-24th September and on 27th September; East Rajasthan during 21st-22nd September and during 25th-27th September.

Fairly Widespread to Widespread rainfall likely over Uttarakhand during 26th-27th September.

Fairly Widespread to Widespread rainfall likely over East Uttar Pradesh during 25th-26th September.

Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over West Uttar Pradesh during 25th-27th September; East Uttar Pradesh during 24th-27th September.

Isolated **thunderstorm & lightning** likely over Uttarakhand during 25th-27th September.

Isolated **heavy rainfall** likely over West Uttar Pradesh during 26th-27th September; East Uttar Pradesh during 25th-27th September with isolated **very heavy rainfall** also likely over Uttarakhand during 26th-27th September.

Central India:

Isolated to Scattered rainfall likely over West Madhya Pradesh during 21st-27th September; East Madhya Pradesh during 21st-22nd September; Vidarbha on 21st September.

Fairly Widespread to Widespread rainfall likely over East Madhya Pradesh during 23rd-27th September; Vidarbha during 22nd-27th September; Chhattisgarh during 21st-27th September.

Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over West Madhya Pradesh during 23rd-24th September; Chhattisgarh and Vidarbha on 24th September.

Isolated **thunderstorm & lightning** likely over West Madhya Pradesh during 21st-22nd September and during 25th-27th September.

Isolated **heavy rainfall** likely over West Madhya Pradesh on 24th September; East Madhya Pradesh during 23rd-24th September and on 27th September; Vidarbha during 23rd-26th September; Chhattisgarh during 21st-22nd September and on 27th September with isolated **very heavy rainfall** also likely over East Madhya Pradesh and West Madhya Pradesh during 25th-26th September; Chhattisgarh on 23rd September and during 25th-26th September.

Isolated **extremely heavy rainfall** likely over Chhattisgarh on 24th September.

Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph) likely over Chhattisgarh and Vidarbha on 23rd September.

East India:

Fairly Widespread to Widespread rainfall likely over Andaman & Nicobar Islands, Jharkhand and Odisha during 21st-27th September; Sub-Himalayan West Bengal & Sikkim during 23rd-27th September; Gangetic West Bengal

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during 22nd-27th September; Bihar during 24th-27th September.

Isolated to Scattered rainfall likely over Sub-Himalayan West Bengal & Sikkim during 21st-22nd September; Gangetic West Bengal on 21st September; Bihar during 21st-23rd September.

Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 21st-27th September; Gangetic West Bengal during 22nd-25th September; Jharkhand during 23rd-25th September; Bihar during 23rd-24th September; Odisha during 21st-22nd September and on 25th September, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim during 21st-25th September; Gangetic West Bengal on 21st September; Jharkhand during 21st-22nd September and on 26th September; Bihar during 25th-27th September.

Isolated **heavy rainfall** likely over Andaman & Nicobar Islands on 21st September; Sub-Himalayan West Bengal & Sikkim during 23rd-26th September; Gangetic West Bengal during 21st-23rd September and on 25th September; Jharkhand during 21st-23rd September and during 25th-26th September; Bihar on 23rd September and during 26th-27th September; Odisha on 21st September and on 26th September with isolated **very heavy rainfall** also likely over Gangetic West Bengal and Jharkhand on 24th September; Bihar during 24th-25th September; Odisha during 22nd-23rd September and on 25th September.

Isolated **extremely heavy rainfall** likely over Odisha on 24th September.

Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph) likely over Odisha during 23rd-24th September.

Moderate to severe lightning activity likely over Jharkhand on 21st & 22nd and Odisha and Gangetic West Bengal during 21st September.

Northeast India:

Isolated to Scattered rainfall likely over Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura during 21st-27th September; Assam & Meghalaya during 21st-22nd September and during 26th-27th September.

Fairly Widespread to Widespread rainfall likely over Assam & Meghalaya during 23rd-25th September.

Isolated **thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 21st-23rd September.

Isolated **heavy rainfall** likely over Assam & Meghalaya during 22nd-23rd September.

West India:

Isolated to Scattered rainfall likely over Konkan & Goa on 21st September and during 25th-27th September; Madhya Maharashtra on 21st September and during 24th-27th September; Marathawada during 21st-22nd September and during 24th-27th September; Gujarat Region during 21st-27th September; Saurashtra & Kutch during 21st-24th September.

Fairly Widespread to Widespread rainfall likely over Konkan & Goa during 22nd-24th September; Madhya Maharashtra during 22nd-23rd September; Marathawada on 23rd September.

Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Konkan & Goa and Madhya Maharashtra during 21st-24th September; Marathawada during 21st-23rd September; Gujarat Region and Saurashtra & Kutch on 21st September, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Gujarat Region and Saurashtra & Kutch on 22nd September.

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Isolated **heavy rainfall** likely over Konkan & Goa during 22nd-23rd September; Madhya Maharashtra during 21st-23rd September; Marathwada on 23rd September.

South Peninsular India:

Isolated to Scattered rainfall likely over Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 21st-27th September; Coastal Karnataka, Kerala & Mahe and North Interior Karnataka during 26th-27th September; Lakshadweep and Telangana on 27th September; South Interior Karnataka during 25th-27th September; Coastal Andhra Pradesh & Yanam on 21st September and during 26th-27th September.

Fairly Widespread to Widespread rainfall likely over Coastal Karnataka, Kerala & Mahe and North Interior Karnataka during 21st-25th September; Lakshadweep and Telangana during 21st-26th September; South Interior Karnataka during 21st-24th September; Coastal Andhra Pradesh & Yanam during 22nd-25th September.

Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 21st-23rd September; North Interior Karnataka on 23rd September; Coastal Andhra Pradesh & Yanam and Rayalaseema during 21st-22nd September; Telangana during 21st-22nd September and during 26th-27th September, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe and Lakshadweep during 21st-22nd September; Coastal Karnataka during 22nd-23rd September; North Interior Karnataka during 21st-22nd September and on 24th September; South Interior Karnataka during 21st-24th September; Rayalaseema during 23rd-25th September.

Isolated **thunderstorm & lightning** likely over Coastal Karnataka on 21st September.

Isolated **heavy rainfall** likely over Lakshadweep, Rayalaseema and Tamil Nadu, Puducherry & Karaikal on 21st September; Kerala & Mahe on 21st September and during 23rd-25th September; Coastal Karnataka on 22nd September and on 25th September; North Interior Karnataka during 21st-22nd September and on 24th September; South Interior Karnataka during 21st-22nd September and on 25th September; Coastal Andhra Pradesh & Yanam on 21st September and on 25th September; Telangana during 21st-22nd September and on 26th September with isolated **very heavy rainfall** also likely over Coastal Karnataka and North Interior Karnataka on 23rd September; South Interior Karnataka during 23rd-24th September; Coastal Andhra Pradesh & Yanam on 22nd September; Telangana during 23rd-25th September.

Isolated **extremely heavy rainfall** likely over Coastal Karnataka on 24th September; Coastal Andhra Pradesh & Yanam during 23rd-24th September.

Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph) likely over Coastal Andhra Pradesh & Yanam and Telangana during 23rd-25th September.

Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam during 23rd-25th September; Rayalaseema during 21st-25th September; Telangana during 21st-27th September.

Wind warning:

Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is very likely over Eastcentral and adjoining Andaman Sea on today, the 20th September.

It is very likely to increase reaching 45-55 kmph gusting to 65 kmph over Eastcentral and adjoining northeast Bay of Bengal on 21st and becoming 50-60 kmph gusting to 70 kmph over Central Bay of Bengal and 40-50 kmph gusting to 60 kmph adjoining areas of north and south Bay of Bengal on 22nd September.

Increasing further is likely to become 55-65 kmph gusting to 75 kmph over Westcentral and adjoining Northwest Bay of Bengal on 23rd September and prevail till 24th evening.

Squally wind with speed reaching 55-65 kmph is likely along & off south Odisha- north Andhra Pradesh coasts on 23rd and likely to prevail till 24th September evening.

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Squally wind with speed reaching 40-50 kmph gusting to 60 kmph is likely along & off West Bengal and south Andhra Pradesh coasts from 23rd to 24th September.

Sea condition:

Sea condition is very likely to be rough over Eastcentral & adjoining Andaman Sea on today, the 20th becoming rough to very rough over east central and adjoining Northeast Bay of Bengal on 21st, over central Bay of Bengal on 22nd and over Westcentral and adjoining northwest Bay of Bengal and along & off north Andhra Pradesh-Odisha-West Bengal coasts till 24th September.

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0530 hours IST of today): **at most places** over Assam & Meghalaya, Tamilnadu Puducherry & Karaikal, Gangetic West Bengal, Arunachal Pradesh, Andaman & Nicobar Islands, Lakshadweep, Odisha, Coastal Karnataka, Kerala & Mahe, East Madhya Pradesh, Chhattisgarh, Marathwada and Saurashtra & Kutch; **at many places** over Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Bihar, East Rajasthan, West Rajasthan, East Uttar Pradesh, Rayalaseema, Gujarat Region, North Interior Karnataka, South Interior Karnataka, Telangana, Coastal Andhra Pradesh & Yanam, Madhya Maharashtra and Konkan & Goa; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Tamilnadu Puducherry & Karaikal**: Coimbatore 21, Salem (dist Salem) 7; **Kerala**: Udumbannoor 13; **Lakshadweep**: Minicoy (dist Lakshadweep) 5; **Kerala**: Udumbannoor 13; **Saurashtra & Kutch**: Mahuva 11; **Rayalaseema**: Sri Sathyasai District(Amarapuram) 11; **North Interior Karnataka**: Nargund 9; **Coastal Andhra Pradesh & Yanam**: Parvathipuram Manyam 9; **Telangana**: Wargal 9; **Meghalaya**: Mawkyrat 8; **Chhattisgarh**: Sukma 7; **Odisha**: Gopalpur (dist Ganjam) 3; **Gujarat Region**: Ahmedabad (dist Ahmedabad) 3.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Extremely Heavy rainfall** has been recorded at isolated places over Tamil Nadu; **Very Heavy rainfall** over Kerala; **Heavy rainfall** over Chhattisgarh, Saurashtra, North Interior Karnataka, Coastal Andhra Pradesh, Rayalaseema, Telangana, Meghalaya

❖ **Minimum Temperature Departures (as on 20-09-2026)**: **markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Bihar, East Uttar Pradesh, West Uttar Pradesh, West Madhya Pradesh and Madhya Maharashtra. **appreciably above normal(3.1°C to 5.0°C)** at few places over East Madhya Pradesh, Saurashtra & Kutch and Coastal Karnataka; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, West Madhya Pradesh, Madhya Maharashtra and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over West Rajasthan; at most places over Arunachal Pradesh; at few places over Bihar, Madhya Maharashtra, Vidarbha, Coastal Karnataka, South Interior Karnataka, Kerala & Mahe and Lakshadweep; at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Odisha, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Konkan & Goa, Marathwada, Telangana, Tamil Nadu, Puducherry & Karaikal and North Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Gangetic West Bengal, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, East Rajasthan, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Marathwada, Telangana, Tamil Nadu, Puducherry & Karaikal, South Interior Karnataka and Lakshadweep; at most places over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Odisha, Jharkhand, Haryana-Chandigarh-Delhi, Punjab, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Rayalaseema and North Interior Karnataka; at few places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Bihar, East Madhya Pradesh, Madhya Maharashtra, Vidarbha, Coastal Karnataka and Kerala & Mahe; at isolated places over West Rajasthan. **The lowest minimum temperature** of 16.0°C was reported at HALFLONG (ASSAM) over the Plains of India.

❖ **Maximum Temperature Departures (as on 20-09-2026)**: **markedly above normal(> 5.1°C)** at isolated places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and North Interior Karnataka. **appreciably above normal(3.1°C to 5.0°C)** at few places over Arunachal Pradesh, Madhya Maharashtra, Marathwada and Vidarbha; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Odisha, Uttarakhand, Telangana, South Interior Karnataka and Kerala & Mahe. **above normal(1.6°C to 3.0°C)** at most places over Konkan & Goa and Coastal Karnataka; at few places over Sub Himalayan West Bengal & Sikkim, Haryana-Chandigarh-Delhi, Punjab, Himachal Pradesh, West Rajasthan and Chhattisgarh; at isolated places over Jharkhand, Bihar, East Uttar Pradesh, West Uttar Pradesh, West Madhya Pradesh, East Madhya Pradesh, Saurashtra & Kutch, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over Gujarat Region; at most places over East Rajasthan and Lakshadweep; at few places over Andaman & Nicobar Islands, Gangetic West Bengal and Rayalaseema. **The highest maximum temperature** of 40.3°C was reported at JAISALMER (RAJASTHAN).

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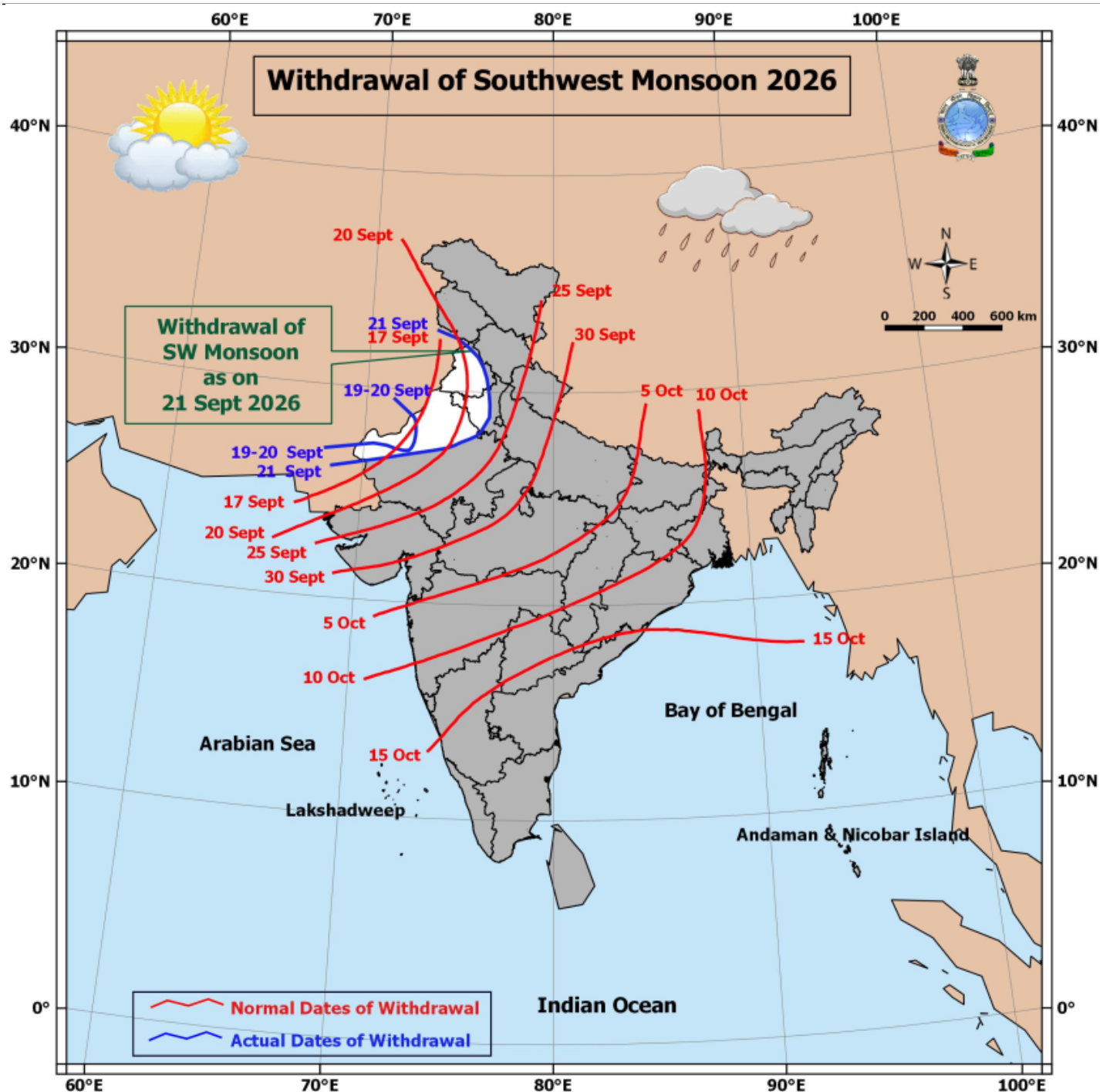
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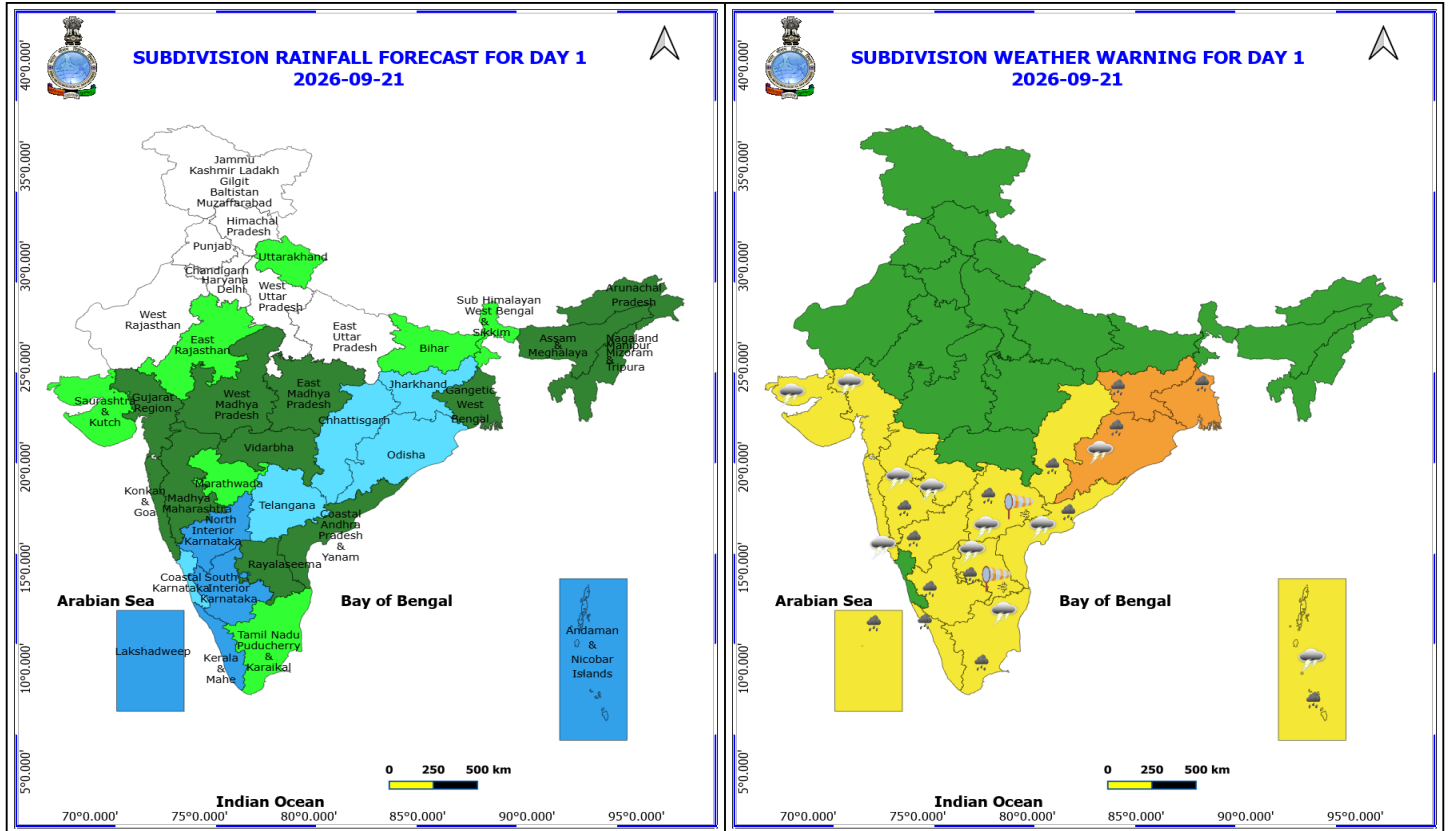
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Meteorological Analysis (Based on 0830 hours IST)

- The Southwest monsoon has further withdrawn from some more parts of Rajasthan, some parts of Haryana and Punjab today, the 21st September, 2026.
- The **line of withdrawal of Southwest Monsoon** now passes 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 2-3 days.
- The **Well-marked Low Pressure** area over Eastcentral & adjoining Westcentral Bay of Bengal moved west-northwestwards and lay over westcentral & adjoining eastcentral Bay of Bengal at 0830 hrs IST of today, the 21st September, 2026. The associated cyclonic circulation extends upto 7.6 km above mean sea level. It is very likely to move west-northwestwards and intensify into a depression over Westcentral Bay of Bengal during next 24 hrs and into a deep depression over Westcentral & adjoining Northwest Bay of Bengal during subsequent 24 hrs. Continuing to move west-northwestwards it is very likely to reach near north Andhra Pradesh - South Odisha coasts around morning of 23rd September 2026.
- The **North-South trough** now runs from North Bay of Bengal to the centre of the cyclonic circulation associated with the **Well-marked Low Pressure** area and extends upto 3.1 km above mean sea level.
- A **trough** runs from the centre of the cyclonic circulation associated with the **Well-marked Low Pressure** area to north Andaman sea at 3.1 km above mean sea level.
- An **upper air cyclonic circulation** lies over central Tamil Nadu & neighbourhood between 4.5 & 7.6 km above mean sea level.
- A trough runs from southeast Arabian sea to the cyclonic circulation associated with the **Well-marked Low Pressure** area across Kerala, Tamil Nadu and southwest Bay of Bengal through the centre of the above cyclonic circulation over central Tamil Nadu & neighbourhood between 5.8 & 7.6 km above mean sea level.
- The **upper air cyclonic circulation** over South Coastal Andhra Pradesh & adjoining Westcentral bay of Bengal at 0.9 km above mean sea level has merged with the cyclonic circulation associated with above **Well-marked Low Pressure** area.
- The **upper air cyclonic circulation** over Eastcentral & adjoining Northeast Arabian Sea between 3.1 & 7.6 km above mean sea level persists.
- An upper air **cyclonic circulation** lies over southwest Uttar Pradesh & neighbourhood at 5.8 km above mean sea level.
- A fresh **western Disturbance** as a cyclonic circulation lies over Jammu and neighbourhood at 3.1 km above mean sea level.
- The **East-West trough** from the cyclonic circulation associated with the **Well-marked Low Pressure** area to north Keralam extending upto 5.8 km above mean sea level tilting southwards with height has become less marked.
- The **upper air cyclonic circulation** over Southwest Madhya Pradesh & neighbourhood at 3.1 km above mean sea level has become less marked.
- The **trough** from South Himachal Pradesh to the cyclonic circulation over Eastcentral & adjoining Northeast Arabian Sea at 5.8 km above mean sea level has become less marked.





21 September (Day 1)

- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Chhattisgarh, Gangetic West Bengal, Interior Karnataka, Jharkhand, Kerala & Mahe, Lakshadweep, Madhya Maharashtra, Odisha, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Gujarat State, Konkan & Goa, Madhya Maharashtra, Marathwada, Odisha, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Interior Karnataka, Jharkhand, Kerala & Mahe, Lakshadweep and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Nagaland, Manipur, Mizoram and Tripura and West Madhya Pradesh.
- ❖ **Strong Surface Winds** very likely at isolated places over Rayalaseema and Telangana.
- ❖ **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.
- ❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over few parts of southwest Bay of Bengal adjoining south Sri Lanka coast.
- ❖ Squally weather with wind speed 45-55 kmph gusting to 65 kmph is likely to prevail over some parts of Andaman Sea, eastcentral and southeast Bay of Bengal.
- ❖ Squally weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off south Myanmar

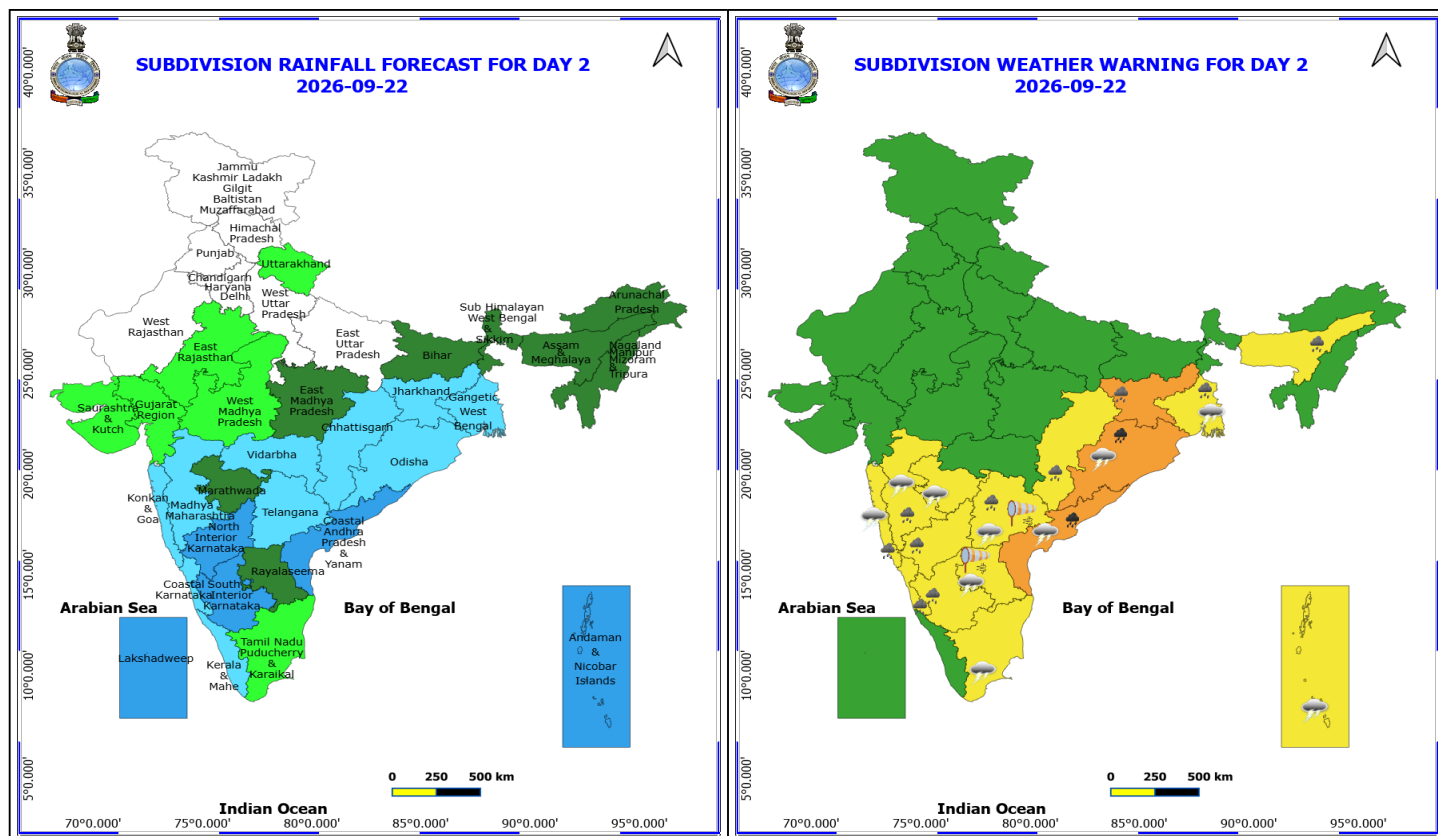
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coasts, over Andaman Sea, some parts of eastcentral, & southeast adjoining northeast Bay of Bengal.



22 September (Day 2)

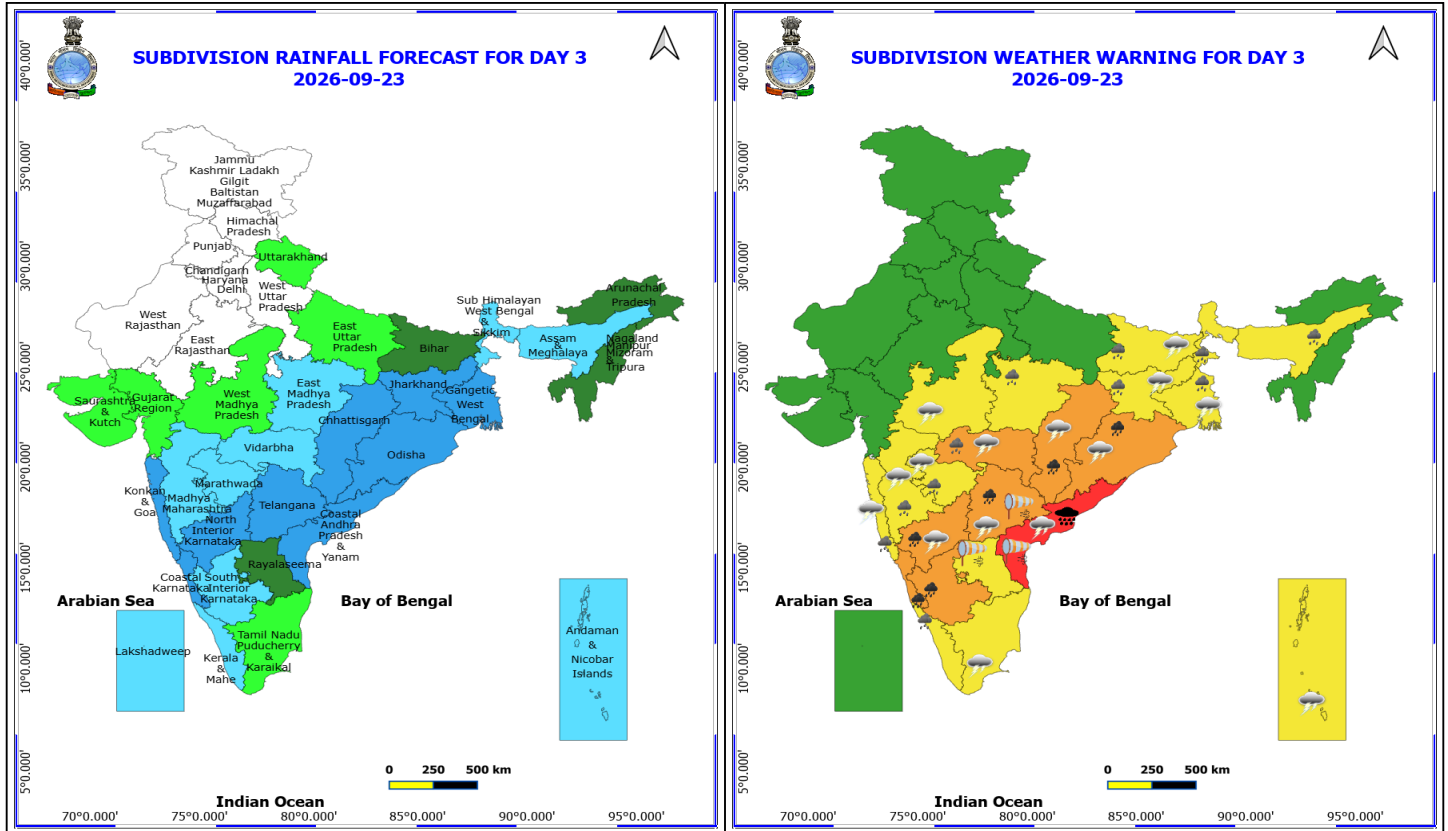
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Coastal Andhra Pradesh and Odisha.
- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Gangetic West Bengal, Jharkhand, Karnataka, Konkan & Goa, Madhya Maharashtra and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Gangetic West Bengal, Konkan & Goa, Madhya Maharashtra, Marathwada, Odisha, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Gujarat State, Jharkhand, Karnataka, Kerala & Mahe, Lakshadweep 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 Rayalaseema and Telangana.
- ❖ **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.
- ❖ **Bay of Bengal:** Squally weather with wind speed 45-55 kmph gusting to 65 kmph is likely to prevail over eastcentral, some parts of westcentral adjoining north Bay of Bengal and some parts of south Bay of Bengal adjoining south Sri Lanka coasts.
- ❖ 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.

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23 September (Day 3)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Coastal Andhra Pradesh.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Chhattisgarh, Karnataka, Odisha and Telangana.
- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Bihar, East Madhya Pradesh, Jharkhand, Kerala & Mahe, Konkan & Goa, Maharashtra and West Bengal & Sikkim.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh, Odisha, Telangana and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Gangetic West Bengal, Jharkhand, Konkan & Goa, Madhya Maharashtra, Marathwada, North Interior Karnataka, Tamil Nadu Puducherry & Karaikal and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Coastal Karnataka, Rayalaseema, South Interior Karnataka and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh and Telangana.
- ❖ **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.

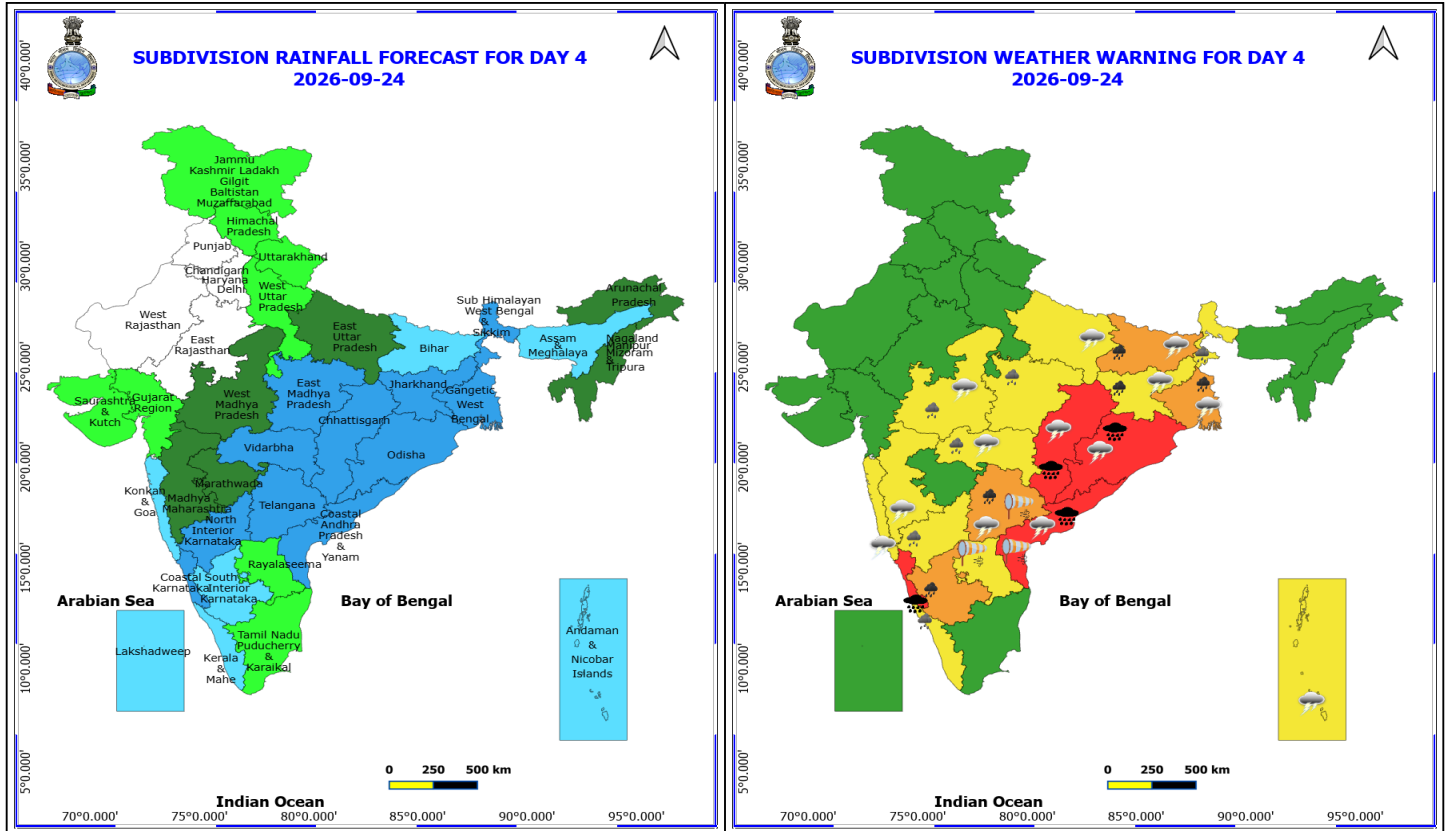
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- ❖ Bay of Bengal: Squally weather with wind speed 50-60 kmph gusting to 70 kmph is likely to prevail over westcentral adjoining eastcentral Bay of Bengal.
- ❖ Squally weather with wind speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off north Andhra Pradesh, south Odisha, Sri Lanka coasts over many parts of Bay of Bengal.
- ❖ Squally weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off Bangladesh, West Bengal, north Odisha, south Andhra Pradesh, Tamil Nadu coasts, Gulf of Mannar, over most parts of Bay of Bengal and over Andaman Sea, along and off Myanmar coasts.



24 September (Day 4)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh, Coastal Karnataka and Odisha.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Bihar, Gangetic West Bengal, Jharkhand, South Interior Karnataka and Telangana.
- ❖ **Heavy Rainfall** likely at isolated places over Kerala & Mahe, Madhya Pradesh, North Interior Karnataka, Sub Himalayan West Bengal & Sikkim and Vidarbha.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Coastal Andhra Pradesh, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Chhattisgarh, East Uttar Pradesh, Gangetic West Bengal, Jharkhand, Konkan & Goa, Madhya Maharashtra, Vidarbha and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Interior Karnataka, Rayalaseema and Sub Himalayan West Bengal & Sikkim.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh and Telangana.
- ❖ **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.
- ❖ **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 many parts of westcentral & some parts northwest Bay of Bengal

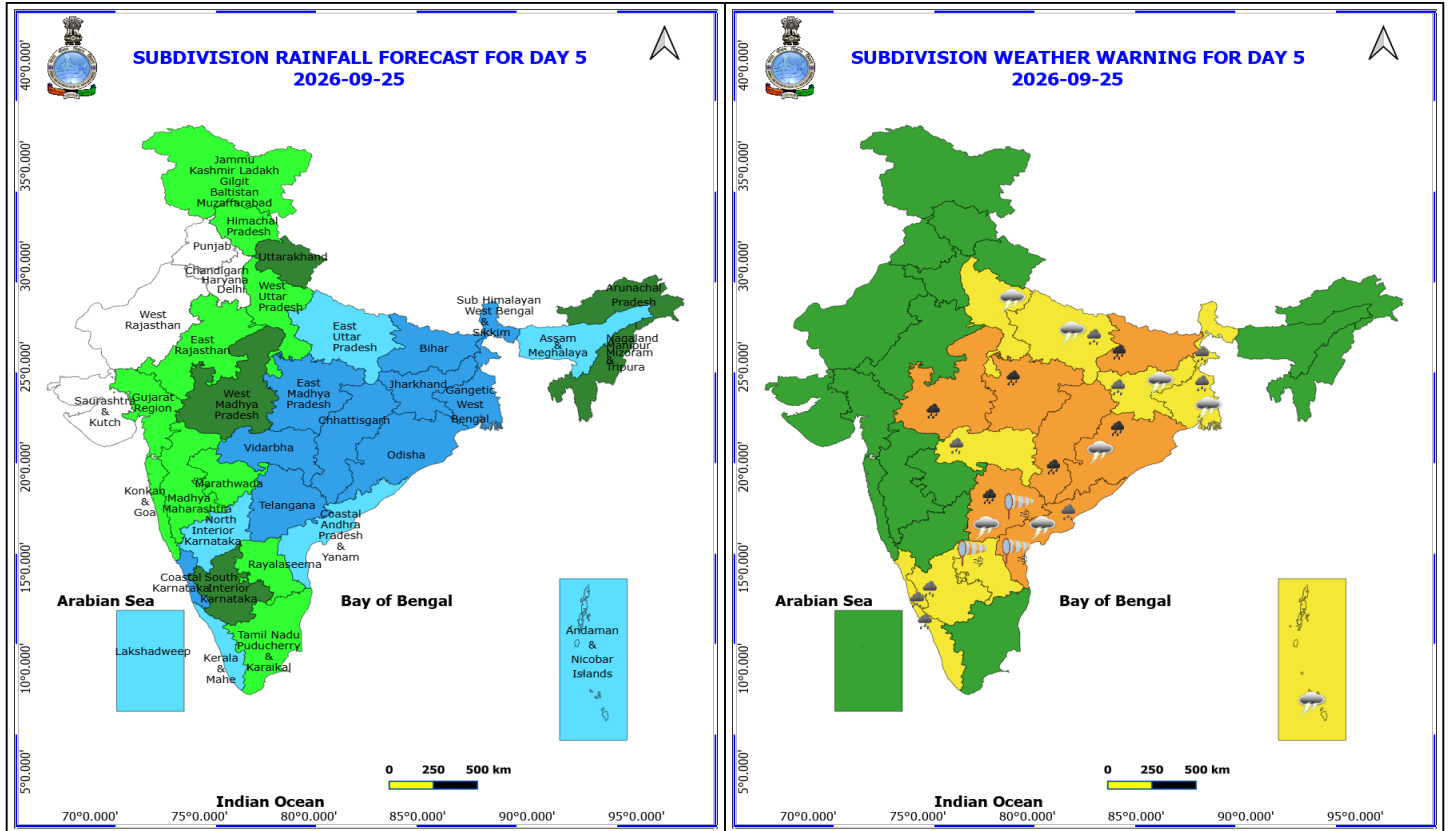
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- ❖ Squally weather with wind speed 45-55 kmph gusting to 65 kmph is likely to prevail over many parts of Bay of Bengal & along and off Sri Lanka coasts.
- ❖ Squally weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off Bangladesh, West Bengal, south Andhra Pradesh, Tamil Nadu coasts, over Gulf of Mannar, Andaman Sea and along & off south Myanmar coast adjoining sea areas and most parts of Bay of Bengal.



25 September (Day 5)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Bihar, Chhattisgarh, Madhya Pradesh, Odisha and Telangana.
- ❖ **Heavy Rainfall** likely at isolated places over Coastal Andhra Pradesh, Coastal Karnataka, East Uttar Pradesh, Jharkhand, Kerala & Mahe, South Interior Karnataka, Vidarbha and West Bengal & Sikkim.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Coastal Andhra Pradesh and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Jharkhand, Odisha and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Rayalaseema and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand and West Madhya Pradesh.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh and Telangana.
- ❖ **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.
- ❖ **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

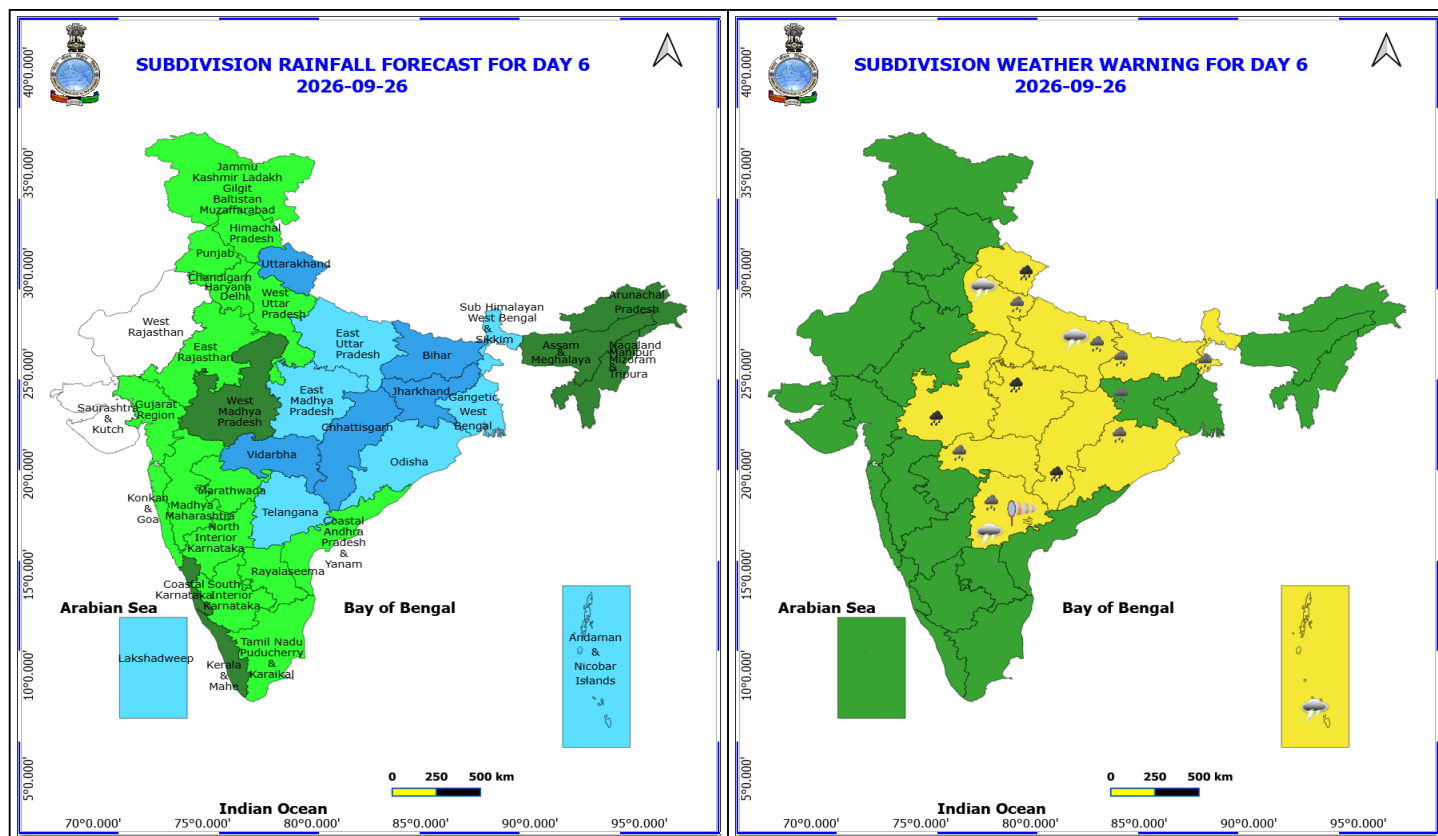
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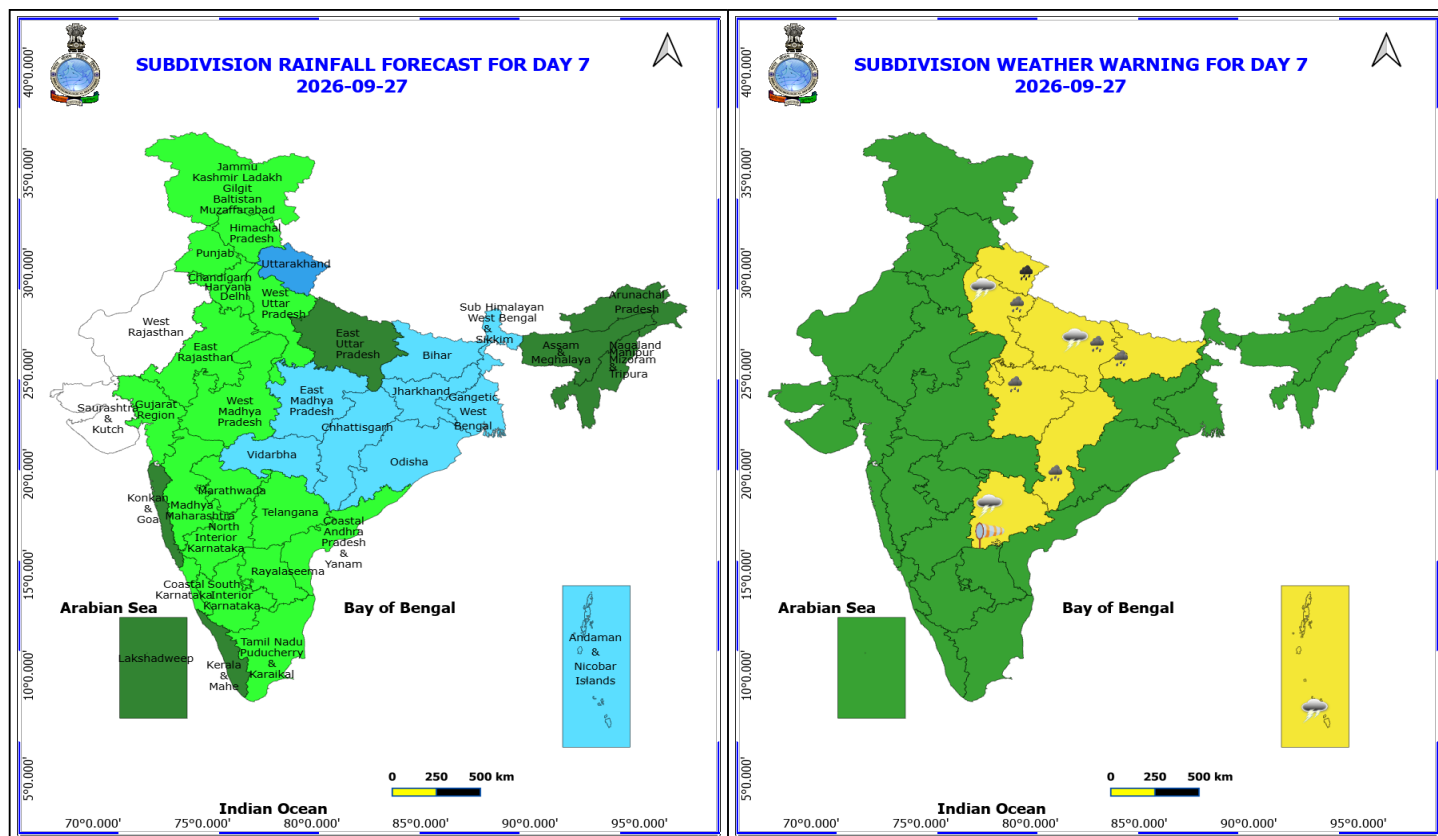
- ❖ Squally weather with wind speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off West Bengal, south Andhra Pradesh, north Tamil Nadu, north Sri Lanka coasts, and over many parts of Bay of Bengal.
- ❖ Squally weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over Gulf of Mannar, Andaman Sea and along & off south Myanmar, Bangladesh coasts and many parts of Bay of Bengal.



26 September (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Chhattisgarh, Madhya Pradesh and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Jharkhand, Odisha, Sub Himalayan West Bengal & Sikkim, Telangana, Uttar Pradesh and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Telangana 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 Uttarakhand and West Madhya Pradesh.
- ❖ **Strong Surface Winds** likely at isolated places over Telangana.

No Fishermen Warning



27 September (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Chhattisgarh, East Madhya Pradesh and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Telangana and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand and West Madhya Pradesh.
- ❖ **Strong Surface Winds** likely at isolated places over Telangana.

No Fishermen Warning



Table-1

7 Days Rainfall Forecast

S.No.	Subdivision	21-Sep	22-Sep	23-Sep	24-Sep	25-Sep	26-Sep	27-Sep
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	FWS	FWS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	SCT	SCT	SCT	SCT	SCT	SCT	SCT
3	ASSAM & MEHGHALAYA	SCT	SCT	FWS	FWS	FWS	SCT	SCT
4	N. M. M. & T.	SCT	SCT	SCT	SCT	SCT	SCT	SCT
5	S.H. WEST BENGAL & SIKKIM	ISOL	SCT	FWS	WS	WS	FWS	FWS
6	GANGETIC WEST BENGAL	SCT	FWS	WS	WS	WS	FWS	FWS
7	ODISHA	FWS	FWS	WS	WS	WS	FWS	FWS
8	JHARKHAND	FWS	FWS	WS	WS	WS	WS	FWS
9	BIHAR	ISOL	SCT	SCT	FWS	WS	WS	FWS
10	EAST UTTAR PRADESH	DRY	DRY	ISOL	SCT	FWS	FWS	SCT
11	WEST UTTAR PRADESH	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
12	UTTARAKHAND	ISOL	ISOL	ISOL	ISOL	SCT	WS	WS
13	HARYANA, CHD & DELHI	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
15	HIMACHAL PRADESH	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
16	JAMMU AND KASHMIR AND LADAKH	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	ISOL	ISOL	DRY	DRY	ISOL	ISOL	ISOL
19	WEST MADHYA PRADESH	SCT	ISOL	ISOL	SCT	SCT	SCT	ISOL
20	EAST MADHYA PRADESH	SCT	SCT	FWS	WS	WS	FWS	FWS
21	GUJRAT REGION	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
22	SAURASHTRA & KUTCH	ISOL	ISOL	ISOL	ISOL	DRY	DRY	DRY
23	KONKAN & GOA	SCT	FWS	WS	FWS	ISOL	ISOL	SCT
24	MADHYA MAHARASHTRA	SCT	FWS	FWS	SCT	ISOL	ISOL	ISOL
25	MARATHWADA	ISOL	SCT	FWS	SCT	ISOL	ISOL	ISOL
26	VIDARBHA	SCT	FWS	FWS	WS	WS	WS	FWS
27	CHATTISGARH	FWS	FWS	WS	WS	WS	WS	FWS
28	COASTAL ANDHRA PRADESH	SCT	WS	WS	WS	FWS	ISOL	ISOL
29	TELANGANA	FWS	FWS	WS	WS	WS	FWS	ISOL
30	RAYALASEEMA	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	FWS	FWS	WS	WS	WS	SCT	ISOL
33	NORTH INTERIOR KARNATAKA	WS	WS	WS	WS	FWS	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	WS	WS	FWS	FWS	SCT	ISOL	ISOL
35	KERALA	WS	FWS	FWS	FWS	FWS	SCT	SCT
36	LAKSHDWEAP	WS	WS	FWS	FWS	FWS	FWS	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 2026-09-20

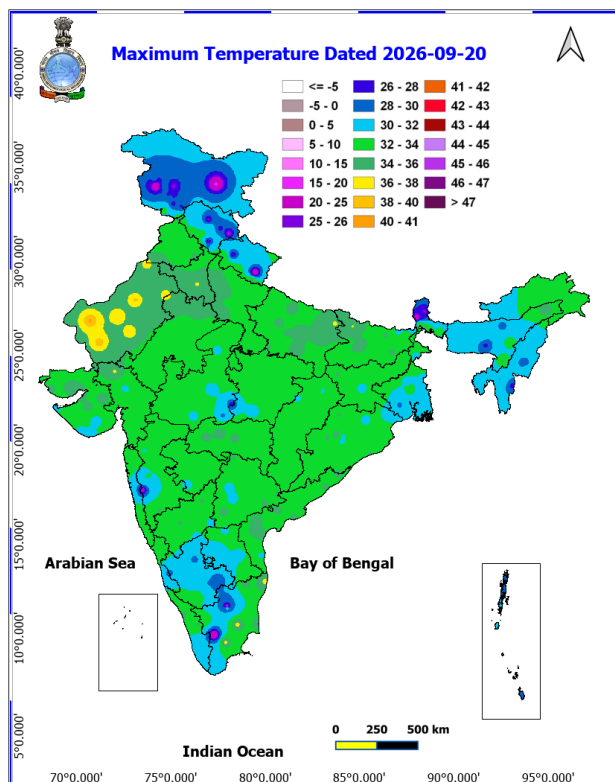


Fig. 2: Departure of Maximum Temp. Dated 2026-09-20

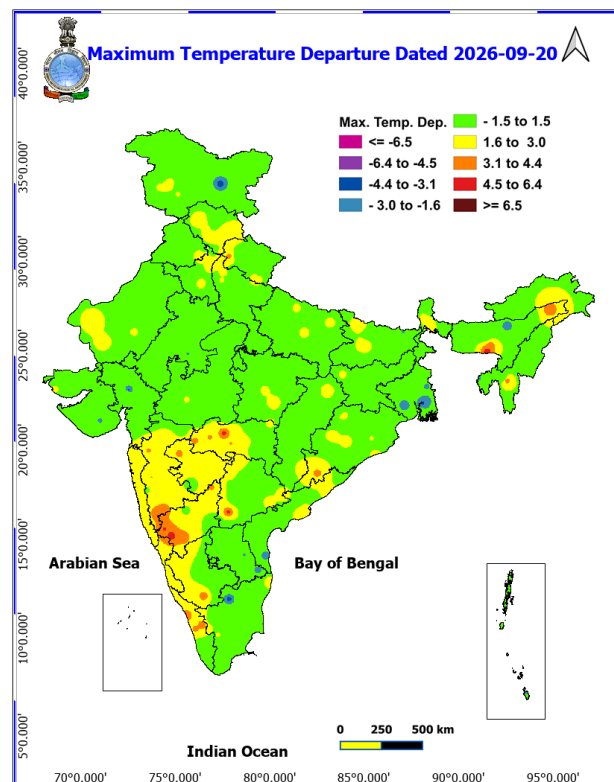


Fig. 3: Minimum Temperatures Dated 2026-09-21

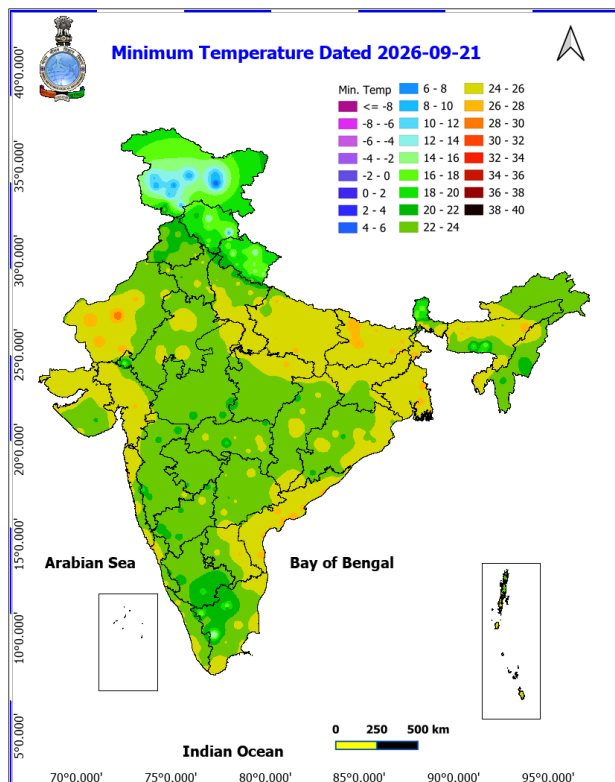
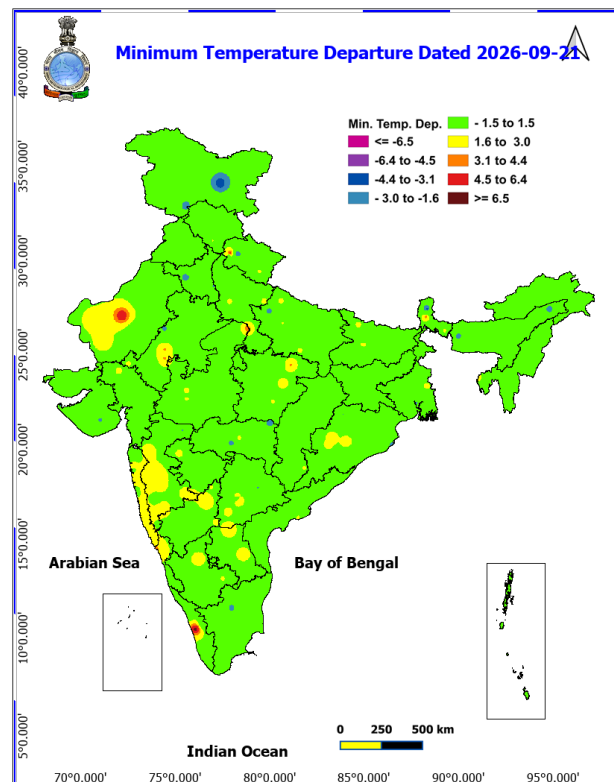
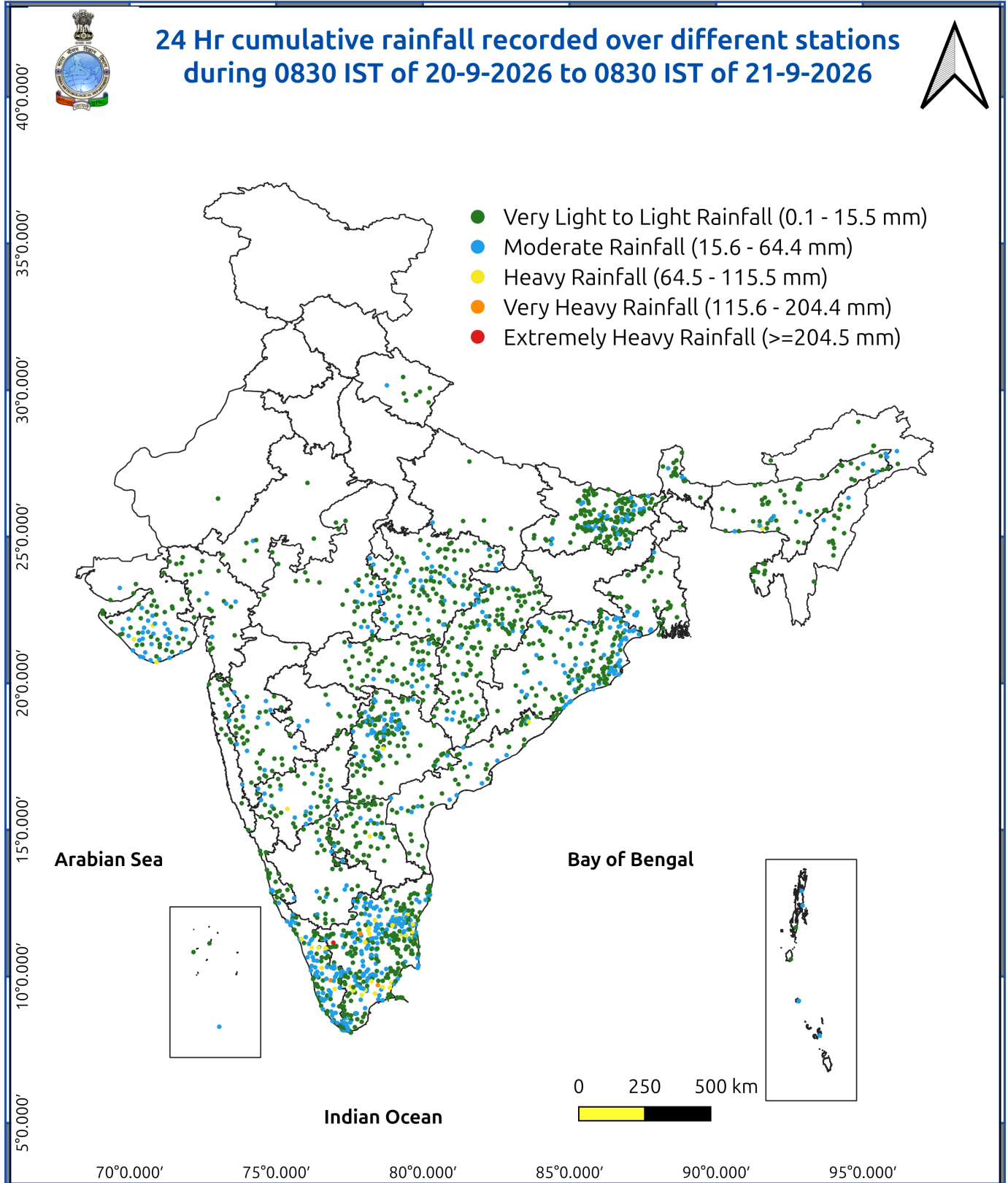


Fig. 4: Departure of Minimum Temp. Dated 2026-09-21





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Impact and Actions

Impact Expected and Action Suggested due to very heavy rainfall:

- Isolated extremely heavy rainfall likely over Coastal Karnataka, Chhattisgarh and Odisha on 24th; Coastal Andhra Pradesh & Yanam during 23rd-24th September.
- Moderate to severe lightning activity likely over Jharkhand on 21st & 22nd and Odisha and Gangetic West Bengal during 21st 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 kutcha 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 **Andaman & Nicobar**, provide mechanical support to banana & papaya plantations and staking to young plants and vegetables. Provide adequate drainage in standing crop fields to avoid waterlogging.

In **Assam & Meghalaya**, drain excess water from maize, black gram, green gram and sesame fields and keep drainage channels clear. Maintain suitable water levels in rice, support papaya, banana and weak-stemmed crops, and harvest pumpkins and bottle gourd before the rains wherever possible.

In **Jharkhand**, postpone irrigation in standing crops, and apply fertilizers and pesticides only when the sky is clear.

In **Gangetic West Bengal**, drain excess water. provide mechanical support to banana & papaya plantations and staking to young plants and vegetables. Undertake propping in sugarcane.

In **Chhattisgarh**, postpone irrigation, intercultural operations and application of plant protection measures & fertilizers to the standing crops. Provide adequate drainage in standing crop fields to avoid waterlogging.

In **Odisha**, make immediate arrangements to drain excess water from rice, maize, millets, ginger, turmeric, vegetables, pulses and orchards. Protect vegetable nurseries, provide staking to vegetables and undertake earthing-up around

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newly planted banana saplings; postpone field operations until rainfall ceases and soil conditions become suitable.

In **Telangana, Coastal Andhra Pradesh and Rayalseema** provide mechanical support to banana & papaya plantations and staking to young plants and vegetables. Undertake propping in sugarcane. Postpone irrigation, intercultural operations and application of plant protection measures & fertilizers to the standing crops. Provide adequate drainage in standing crop fields to avoid waterlogging.

In **Konkan (Maharashtra) and Goa**, make arrangements to drain out excess water for standing crops, vegetables and orchards. Maintain 5-10 cm water level in rice (Panicle initiation/Flowering stage) fields.

In **Madhya Maharashtra**, postpone irrigation, intercultural operations and application of plant protection measures & fertilizers to the standing crops. Provide adequate drainage in standing crop fields to avoid waterlogging.

In **Karnataka**, Protect harvested produce by keeping it in safe, covered storage, and secure farm structures and equipment. Postpone irrigation, intercultural operations and application of plant protection measures & fertilizers to the standing crops. Provide adequate drainage in standing crop fields to avoid waterlogging.

In **Tamil Nadu**, drain excess water from standing crop fields and avoid fertilizer and pesticide applications during rainfall, particularly where heavy rainfall was received yesterday. Provide support to banana plants and prop sugarcane against lodging.

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.

Livestock / Poultry / Fisheries

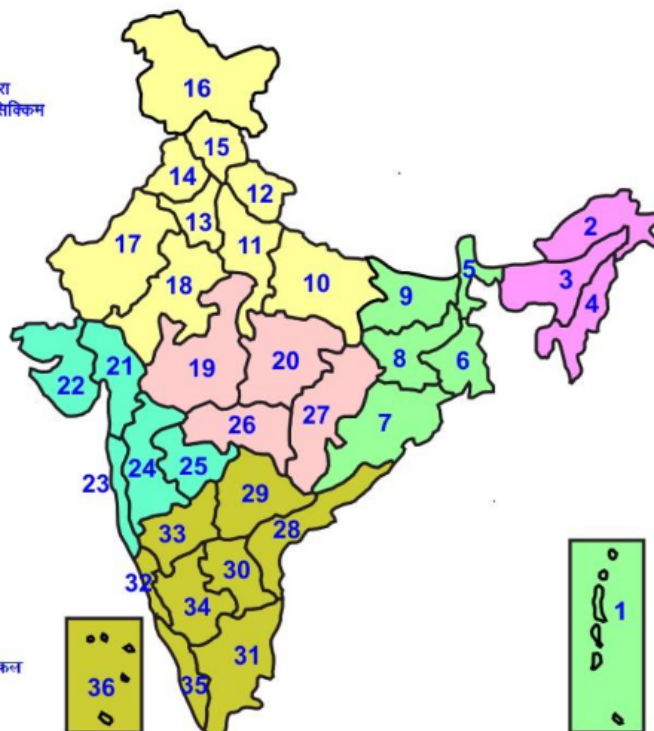
Keep the animals inside the shed during heavy rainfall and provide them balanced feed.

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

- 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. Marathwada
26. Vidharbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. Lakshadweep

SPATIAL DISTRIBUTION (% of Stations reporting)

% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)

Subdivision Colour

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

Probabilistic Forecast

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

-  Heavy Rain
-  Very Heavy Rain
-  Extremely Heavy Rain
-  Heavy Snow
-  Thunderstorm & Lightning
-  Hailstorm
-  Dust Storm
-  Dust Raising Winds
-  Strong surface winds
-  Heat Wave
-  Hot Day
-  Warm Night
-  Cold Wave
-  Cold Day
-  Ground Frost
-  Fog
-  Hot & Humid

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LEGENDS

WARNING

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

Probabilistic Forecast

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



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



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

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

(b). Based on Actual maximum temperature

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

(c). Criteria for heat wave for coastal stations

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



When maximum temperature remains 40°C

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



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

(a). Based on departure

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

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

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

(c) For Coastal Stations

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



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

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



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

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



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



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



Ice deposits on ground

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



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

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



Effect of various waves in the sea over specific area

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



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

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

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