

2026-09-19

Time of Issue: 16:13:00 hours IST
(Evening)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Northwest India:

- **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 24th September; Himachal Pradesh during 19th-21st September; Uttarakhand during 19th-25th September.
- **Isolated to Scattered** rainfall likely over West Uttar Pradesh on 19th September and on 25th September; East Uttar Pradesh during 19th-20th September and during 23rd-25th September; West Rajasthan on 19th September; East Rajasthan during 19th-22nd September.
- Isolated **heavy rainfall** likely over East Rajasthan on 19th September.

Central India:

- **Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh on 19th September; East Madhya Pradesh on 19th September and during 24th-25th September; Chhattisgarh and Vidarbha during 19th-25th September.
- **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 20th-25th September; East Madhya Pradesh during 20th-23rd September.
- Isolated **thunderstorm & lightning** likely over Chhattisgarh during 19th-23rd September.
- Isolated **heavy rainfall** likely over East Madhya Pradesh and West Madhya Pradesh during 24th-25th September; Vidarbha on 23rd September and on 25th September; Chhattisgarh on 22nd September with isolated **very heavy rainfall** also likely over Vidarbha on 24th September; Chhattisgarh during 23rd-25th September.

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands and Gangetic West Bengal during 19th-25th September; Odisha and Sub-Himalayan West Bengal & Sikkim during 22nd-25th September; Jharkhand during 23rd-25th September; Bihar during 24th-25th September.
- **Isolated to Scattered** rainfall likely over Odisha and Sub-Himalayan West Bengal & Sikkim during 19th-21st September; Jharkhand during 19th-22nd September; Bihar during 19th-23rd September.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 19th-25th September; Gangetic West Bengal during 23rd-25th September; Jharkhand during 22nd-25th September; Bihar on 19th September and during 22nd-23rd September; Odisha during 19th-22nd September, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim on 19th September and during 23rd-25th September; Gangetic West Bengal during 19th-22nd September; Jharkhand during 19th-21st September; Bihar during 24th-25th September.
- Isolated **heavy rainfall** likely over Andaman & Nicobar Islands during 20th-21st September; Bihar and Sub-Himalayan West Bengal & Sikkim during 24th-25th September; Gangetic West Bengal during 22nd-25th September; Jharkhand during 23rd-25th September; Odisha during 23rd-24th September with isolated **very heavy rainfall** also likely over Andaman & Nicobar Islands on 19th September; Odisha on 22nd September and on 25th September.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Odisha on 23rd September.
- Isolated **extremely rainfall** likely over Odisha on 23rd and 24th September.

Northeast India:

- **Isolated to Scattered** rainfall likely over Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura during 19th-25th September; Assam & Meghalaya during 19th-23rd September.
- **Fairly Widespread to Widespread** rainfall likely over Assam & Meghalaya during 24th-25th September.
- Isolated **thunderstorm & lightning** likely over Arunachal Pradesh and Assam & Meghalaya during 19th-20th

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September; Nagaland, Manipur, Mizoram & Tripura during 19th-22nd September.

- Isolated **heavy rainfall** likely over Arunachal Pradesh on 19th September; Assam & Meghalaya during 23rd-25th September; Nagaland, Manipur, Mizoram & Tripura during 22nd-24th September.

West India:

- **Isolated to Scattered** rainfall likely over Konkan & Goa on 19th September; Madhya Maharashtra on 19th September and during 24th-25th September; Marathawada during 19th-20th September and during 22nd-25th September; Gujarat Region and Saurashtra & Kutch during 20th-25th September.
- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 20th-25th September; Madhya Maharashtra during 20th-23rd September; Marathawada on 21st September; Gujarat Region and Saurashtra & Kutch on 19th September.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Konkan & Goa on 19th September and during 22nd-23rd September; Madhya Maharashtra during 20th-23rd September; Marathawada during 21st-22nd September, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Konkan & Goa during 20th-21st September; Gujarat Region and Madhya Maharashtra on 19th September; Marathawada during 19th-20th September.
- Isolated **heavy rainfall** likely over Konkan & Goa on 19th September and during 22nd-23rd September; Madhya Maharashtra during 21st-23rd September.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 19th-25th September; Coastal Karnataka, North Interior Karnataka and Telangana on 19th September; Coastal Andhra Pradesh & Yanam on 20th September and during 23rd-25th September.
- **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe, Lakshadweep and South Interior Karnataka during 19th-25th September; Coastal Karnataka, North Interior Karnataka and Telangana during 20th-25th September; Coastal Andhra Pradesh & Yanam on 19th September and during 21st-22nd September.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 19th-22nd September; Coastal Karnataka and South Interior Karnataka during 20th-23rd September; Coastal Andhra Pradesh & Yanam during 19th-20th September and on 23rd September; Rayalaseema during 19th-23rd September; Telangana on 23rd September, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Coastal Karnataka during 24th-25th September; North Interior Karnataka during 19th-25th September; South Interior Karnataka on 19th September and during 24th-25th September; Telangana during 19th-22nd September.
- Isolated **thunderstorm & lightning** likely over Kerala & Mahe and Lakshadweep during 19th-21st September.
- Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal and Telangana during 19th-21st September; Kerala & Mahe during 19th-21st September and during 24th-25th September; Coastal Karnataka and North Interior Karnataka during 20th-25th September; South Interior Karnataka during 19th-25th September; Coastal Andhra Pradesh & Yanam during 19th-21st September and on 25th September; Rayalaseema on 19th September with isolated **very heavy rainfall** also likely over Coastal Andhra Pradesh & Yanam during 22nd-24th September; Telangana during 22nd-25th September.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Coastal Andhra Pradesh & Yanam during 21st-22nd September; Telangana during 24th-25th September.
- Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 19th-23rd September; Telangana during 19th-22nd September.

Heat Wave, Hot & Humid weather and Warm Night conditions warning:

- **Hot and humid** weather conditions likely to prevail over Kerala & Mahe on 19th September.

Fishermen Warning:

- **Arabian Sea:** Along and off Somalia coasts, few parts of southwest Arabian Sea till 23rd September; few parts of westcentral Arabian Sea on 18th September.
- **Bay of Bengal:** Over some parts of southeast Bay of Bengal and over Andaman Sea till 23rd September; over

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few parts of southwest Bay of Bengal adjoining south Sri Lanka coasts during 19th to 23rd September; some parts of eastcentral Bay of Bengal and along & off south Myanmar coast on 21st September; many parts of eastcentral & adjoining northeast Bay of Bengal and along & off south Myanmar coast on 22nd 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, Gujarat Region, Vidarbha and Lakshadweep; **at many places** over West Madhya Pradesh, Saurashtra & Kutch and Konkan & Goa; **at a few places** over Arunachal Pradesh, Gangetic West Bengal, Odisha, Jharkhand, Bihar, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, East Rajasthan, East Madhya Pradesh, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe; **at isolated places** over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Madhya Maharashtra, Marathwada, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka and South Interior Karnataka; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **East Rajasthan:** Ghatol (dist Banswara) 21; Pipalkhunt SR (dist Pratapgarh) 19; Bhungra SR (dist Banswara) 17; Loharia (dist Banswara) 15; Manohar Thana (dist Jhalawar) 13; Garhi (dist Banswara) 12; Pratapgarh (dist Pratapgarh), Galiakot SR (dist Dungarpur) 10 Each; Jagpura SR (dist Banswara) 9; Banswara SR (dist Banswara), Arthuna (dist Banswara), Pirawa (dist Jhalawar), Chhotisadri (dist Pratapgarh), Arnod SR (dist Pratapgarh) 6 Each; **Sub Himalayan West Bengal & Sikkim:** Yuksom (dist Gyalshing) 13; Mangan (dist Mangan) 6; **West Madhya Pradesh:** Lateri (dist Vidisha) 11; Kumbhraj (dist Guna) 10; Nalkheda (dist Agar-malwa) 9; Khilchipur (dist Rajgarh), Raghogarh (dist Guna), Barod (dist Agar-malwa) 7 Each; Agar (dist Agar-malwa), Susner (dist Agar-malwa), Malhargarh (dist Mandsaur), Maksudangarh (dist Guna), Badi (dist Raisen) 6 Each; **Telangana:** Hanwada (dist Mahabubnagar) 9; Jadcherla (dist Mahabubnagar) 8; Belampalle (dist Mancherla) 6; **East Madhya Pradesh:** Umreth (dist Chhindwara) 9; Ramnagar (dist Maihar) 6; **Saurashtra & Kutch:** Gir Gadhadra (dist Gir Somnath) 8; **Tamil Nadu, Puducherry & Karaikal:** Rscl-2 Nemoor (dist Villupuram) 7; Chetpet (dist Tiruvannamalai) 6; **West Rajasthan:** Kolayat Magra (dist Bikaner) 7; **Odisha:** Baripada (dist Mayurbhanj) 7; **Chhattisgarh:** Manpur (dist Mohala Manpur Chowki) 6; **Coastal Andhra Pradesh & Yanam:** Vepada (dist Vizianagaram) 6; **Vidarbha:** Desaignanj (dist Gadchiroli), Nagpur Aerodrome (dist Nagpur) 6 Each; **Gujarat Region:** Dediapada (dist Narmada) 6; **Andaman & Nicobar Islands:** Port Blair (dist South Andaman) 6.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Extremely heavy rain** at isolated places over East Rajasthan. **Heavy to very heavy rain** at isolated places over Sub Himalayan West Bengal & Sikkim and East Rajasthan. **Heavy rain** at isolated places over Odisha, West Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Saurashtra & Kutch, Telangana and Tamil Nadu, Puducherry & Karaikal.

❖ **Minimum Temperature Departures (as on 19-09-2026):** **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 and Madhya Maharashtra. **appreciably above normal(3.1°C to 5.0°C)** at few places over East Madhya Pradesh; at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Odisha, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, Saurashtra & Kutch, Madhya Maharashtra, Rayalaseema and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at few places over Gangetic West Bengal, West Uttar Pradesh, West Rajasthan, East Madhya Pradesh, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe and Lakshadweep; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Odisha, Jharkhand, Bihar, East Uttar Pradesh, Haryana-Chandigarh-Delhi, East Rajasthan, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch and Vidarbha. **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, Bihar, Uttarakhand, Haryana-Chandigarh-Delhi, Himachal Pradesh, West Madhya Pradesh, Saurashtra & Kutch, Vidarbha, Coastal Andhra Pradesh & Yanam, Telangana, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe and Lakshadweep; at most places over Andaman & Nicobar Islands, Arunachal Pradesh, Odisha, Jharkhand, Punjab, Gujarat Region, Konkan & Goa, Marathwada and Chhattisgarh; at few places over East Uttar Pradesh, West Uttar Pradesh, West Rajasthan, East Rajasthan, East Madhya Pradesh, Madhya Maharashtra, Rayalaseema and Tamil Nadu, Puducherry & Karaikal; at isolated places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad. **The lowest minimum temperature** of 16.5°C was reported at HALFLONG (ASSAM) over the Plains of India.

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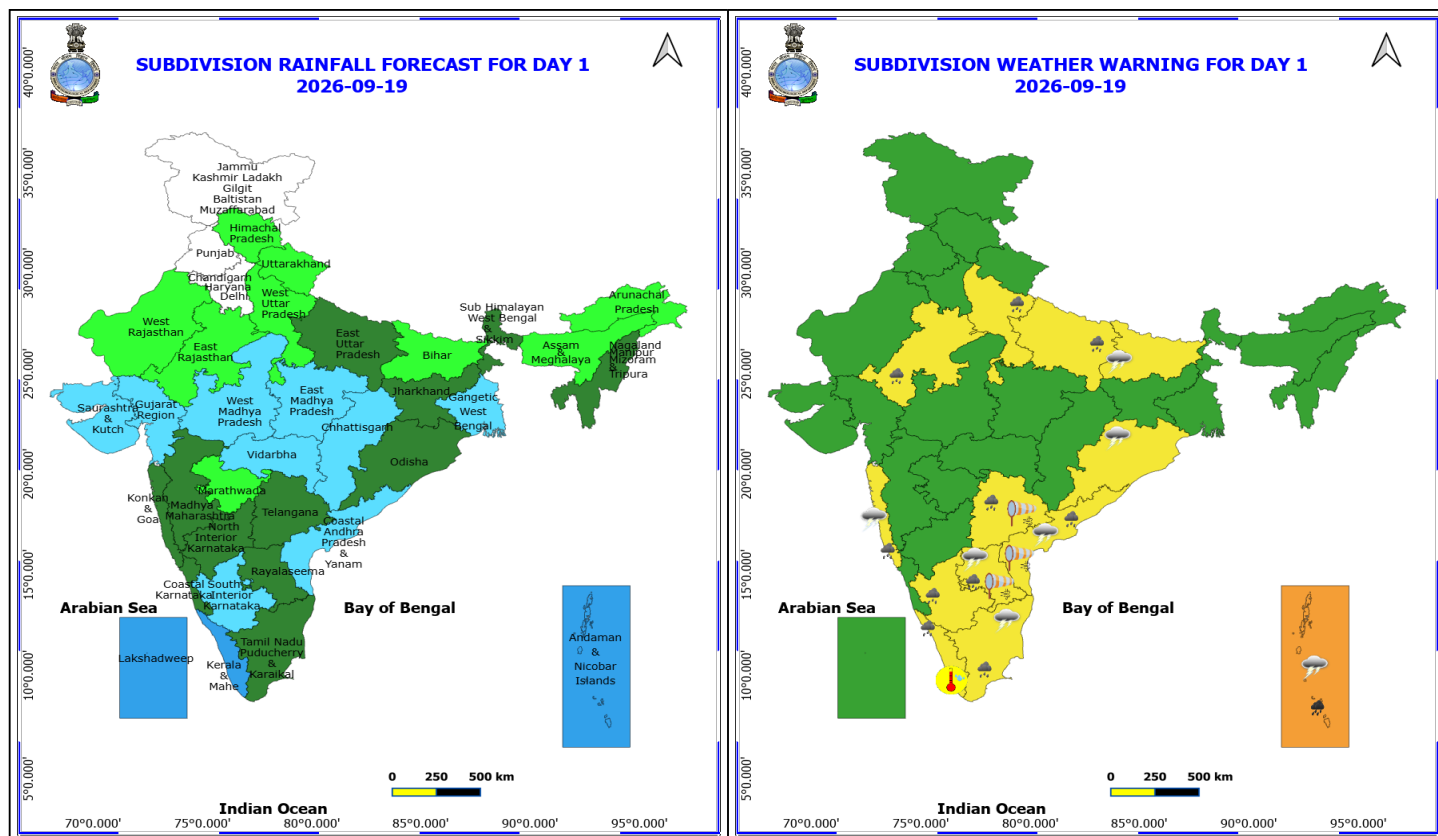
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❖ **Maximum Temperature Departures (as on 18-09-2026):** **markedly above normal(> 5.1°C)** at many places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at few places over Arunachal Pradesh; at isolated places over Assam & Meghalaya and Himachal Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at few places over Uttarakhand; at isolated places over Gangetic West Bengal and Odisha. **near normal(-1.5°C to 1.5°C)** at many places over Haryana-Chandigarh-Delhi, West Rajasthan, Konkan & Goa and Lakshadweep; at most places over Sub Himalayan West Bengal & Sikkim, Punjab and Kerala & Mahe; at few places over Rayalaseema, Coastal Karnataka and South Interior Karnataka; at isolated places over Bihar, West Uttar Pradesh, East Rajasthan, Saurashtra & Kutch, Telangana and North Interior Karnataka. **The highest maximum temperature** of 39.1°C was reported at PALAYAMKOTTAI (TAMIL NADU).



Meteorological Analysis (Based on 1430 hours IST)

- The **Southwest Monsoon** has withdrawn from some parts of West Rajasthan today, the 19th September, 2026 against the normal date of 17th September.
- The **line of withdrawal of Southwest Monsoon** continues to pass through 27.0°N/68.0°E, Ramgarh, Mohangarh, Phalodi, Khajuwala and 29.5°N/71.5°E on 19th September.
- **Conditions are favourable** for further withdrawal of Southwest Monsoon from some more parts of Rajasthan and some parts of Punjab and Saurashtra & Kutch during next 3-4 days.
- The **upper-air cyclonic circulation** over north Andaman Sea & neighbourhood persisted over the same region extending upto 7.6 km above mean sea level at 1430 hrs IST of today, the 19th September, 2026. Under its influence, a Low Pressure area is very likely to form over the same region around evening of today, the 19th September, 2026. It is very likely to move west-northwestwards and intensify gradually into a depression over eastcentral Bay of Bengal on 21st and into a deep depression over westcentral Bay of Bengal on 22nd September. Continuing to move west-northwestwards, it is very likely to reach westcentral and adjoining northwest Bay of Bengal near south Odisha-north Andhra Pradesh coasts around morning of 23rd September.
- The **upper air cyclonic circulation** over West Madhya Pradesh & adjoining East Rajasthan extending upto 3.1 km above mean sea level persists.
- The **trough** from northeast Uttar Pradesh to Northeast Arabian sea across cyclonic circulation over West Madhya Pradesh & adjoining East Rajasthan and Gujrat State between 3.1 & 5.8 km mean sea level persists.
- The **Western Disturbance** as a cyclonic circulation over northwest Uttar Pradesh & neighbourhood at 3.1 km above mean sea level with a trough aloft in middle tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 78°E to the north of Lat. 26°N persists.
- The **upper air cyclonic circulation** over Tripura & neighbourhood at 3.1 km above mean sea level persists.
- The **East-West trough** from cyclonic circulation over north Andaman Sea & neighbourhood to North Coastal Andhra Pradesh across central Bay of Bengal extending upto 5.8 km above mean sea level persists.
- The **North-South trough** from north Coastal Andhra Pradesh to Gulf of Mannar across Tamil Nadu at 0.9 km above mean sea level persists.



19 September (Day 1)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Heavy Rainfall** very likely at isolated places over Andhra Pradesh, East Rajasthan, Kerala & Mahe, Konkan & Goa, South Interior Karnataka, Tamil Nadu Puducherry & Karaikal, Telangana and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Konkan & Goa, Odisha and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over East Rajasthan, Gujarat Region, Interior Karnataka, Jharkhand, Madhya Pradesh, Maharashtra, Telangana, Uttar Pradesh and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Kerala & Mahe, Lakshadweep and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh and Telangana.
- ❖ **Hot and Humid weather** very likely at isolated places over Kerala & Mahe.

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.

Windwarning:

- ❖ Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is very likely over Andaman Sea on 19th September and over Eastcentral and adjoining Andaman Sea on 20th September.

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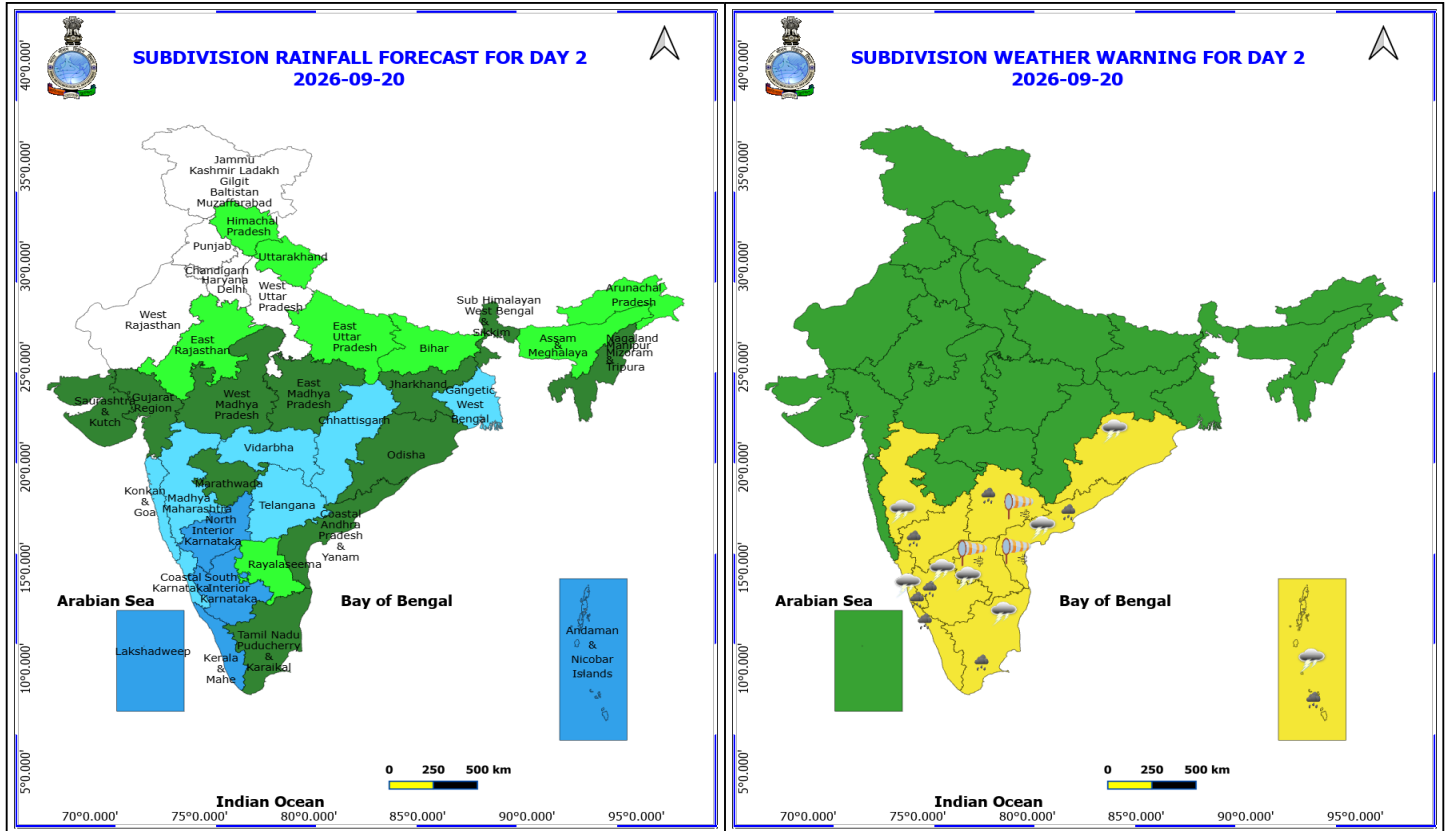
- ❖ It is very likely to increase reaching 45-55 kmph gusting to 65 kmph over Eastcentral and adjoining northeast Bay of Bengal on 21st and becoming 50-60 kmph gusting to 70 kmph over Central Bay of Bengal and 40-50 kmph gusting to 60 kmph adjoining areas of north and south Bay of Bengal on 22nd September.
- ❖ 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.
- ❖ 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 Andaman Sea on 19th, over Eastcentral & adjoining Andaman Sea on 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.

Fishermen warnings:

- ❖ Fishermen are advised not to venture into
- ❖ Andaman Sea from today, the 19th September till 21st September.
- ❖ Eastcentral and adjoining northeast Bay of Bengal from 20th till 22nd September.
- ❖ Westcentral & adjoining northwest Bay of Bengal and along & off Andhra Pradesh-Odisha-West Bengal coasts from 22nd till 24th September.
- ❖ **The fishermen are advised to return to coasts by 21st evening.**



20 September (Day 2)

- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Coastal Andhra Pradesh, Karnataka, Kerala & Mahe, 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, Coastal Karnataka, Madhya Maharashtra, Odisha, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over East Rajasthan, Gangetic West Bengal, Jharkhand, Konkan & Goa, Madhya Pradesh, Marathwada, North Interior Karnataka, Telangana and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Kerala & Mahe, Lakshadweep 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.
- ❖ **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 adjoining southeast Bay of Bengal.
- ❖ **Squally weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off south

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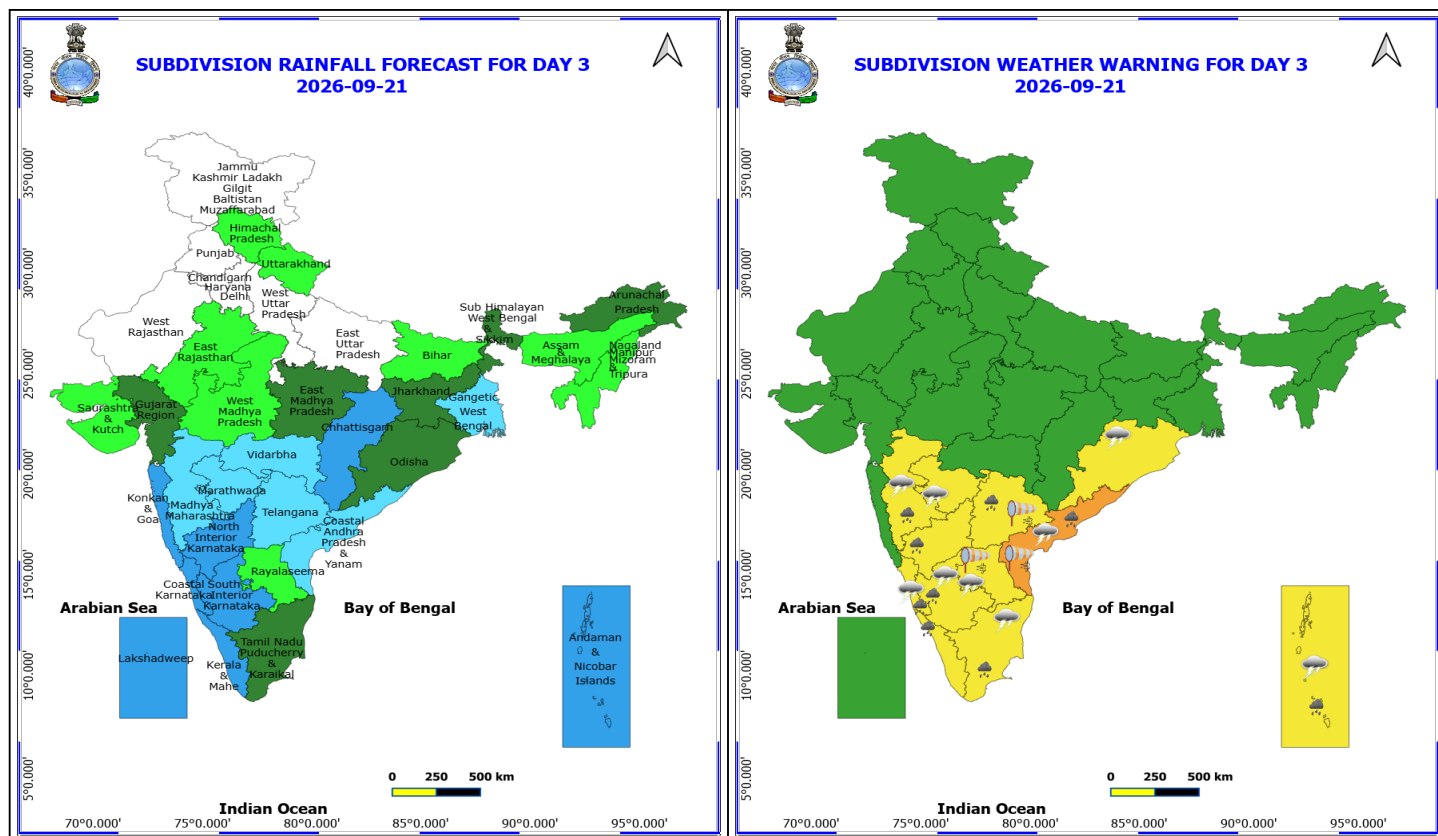
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Myanmar coasts, over Andaman Sea and some parts of southeast, eastcentral adjoining northeast Bay of Bengal.



21 September (Day 3)

- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Coastal Andhra Pradesh, Karnataka, Kerala & Mahe, Madhya Maharashtra, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Coastal Andhra Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Coastal Karnataka, Madhya Maharashtra, Marathwada, Odisha, Rayalaseema, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Gangetic West Bengal, Jharkhand, Konkan & Goa, Madhya Pradesh, North Interior Karnataka, Telangana and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Chhattisgarh, Kerala & Mahe, Lakshadweep 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.
- ❖ **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 and few parts of Gulf of Mannar.
- ❖ **Squally weather with wind speed 45-55 kmph gusting to 65 kmph** is likely to prevail over southeast,

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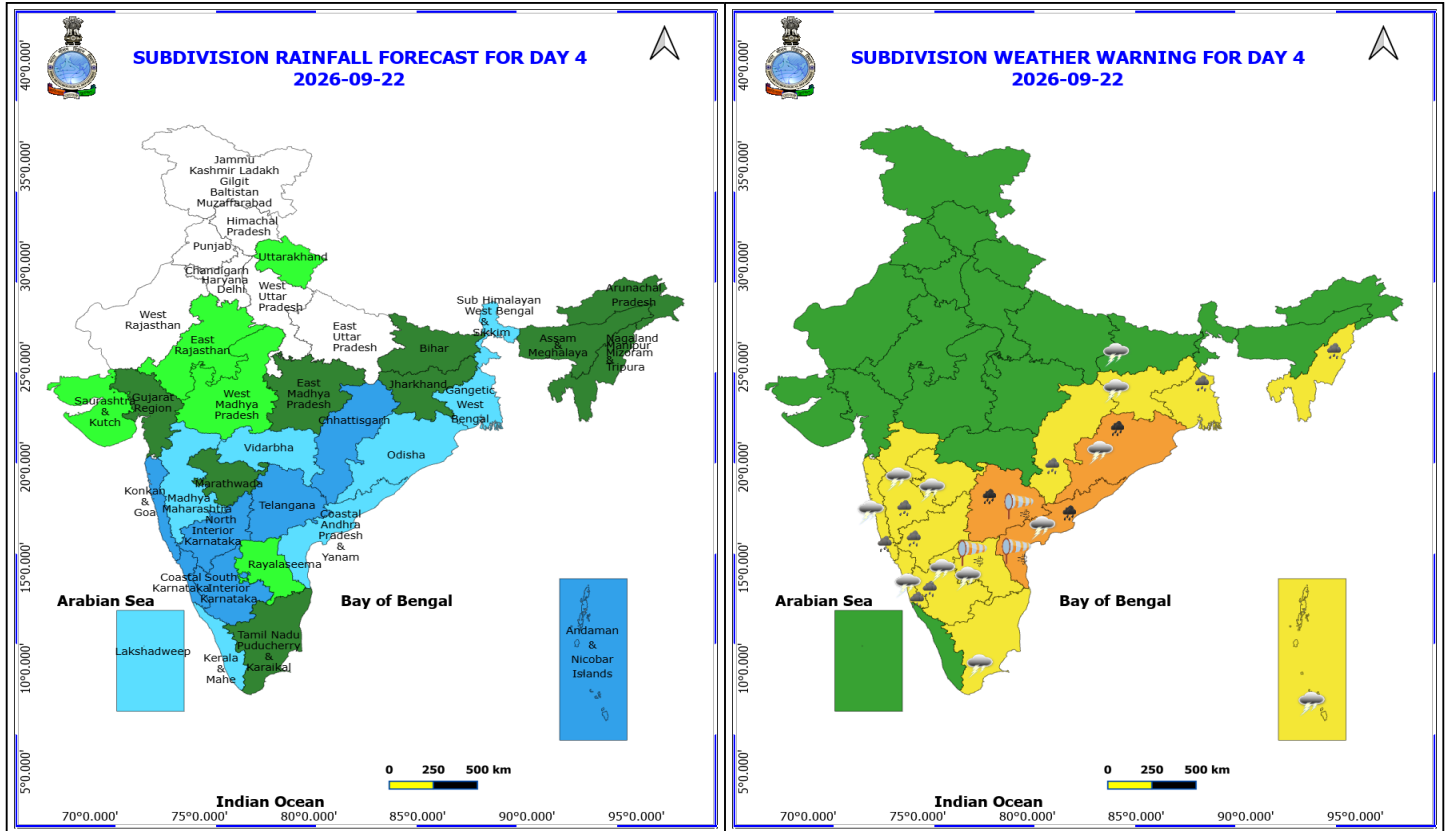
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eastcentral adjoining westcentral Bay of Bengal.

❖ **Squally weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Andaman Sea and some parts of southeast, eastcentral adjoining few parts of north Bay of Bengal and along and off south Myanmar coasts.



22 September (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Coastal Andhra Pradesh, Odisha and Telangana.
- ❖ **Heavy Rainfall** likely at isolated places over Chhattisgarh, Gangetic West Bengal, Karnataka, Konkan & Goa, Madhya Maharashtra and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Coastal Andhra Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Coastal Karnataka, Jharkhand, Konkan & Goa, Madhya Maharashtra, Marathwada, Odisha, Rayalaseema, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Gangetic West Bengal, Madhya Pradesh, North Interior Karnataka and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Chhattisgarh and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **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 45-55 kmph gusting to 65 kmph** is likely to prevail 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,

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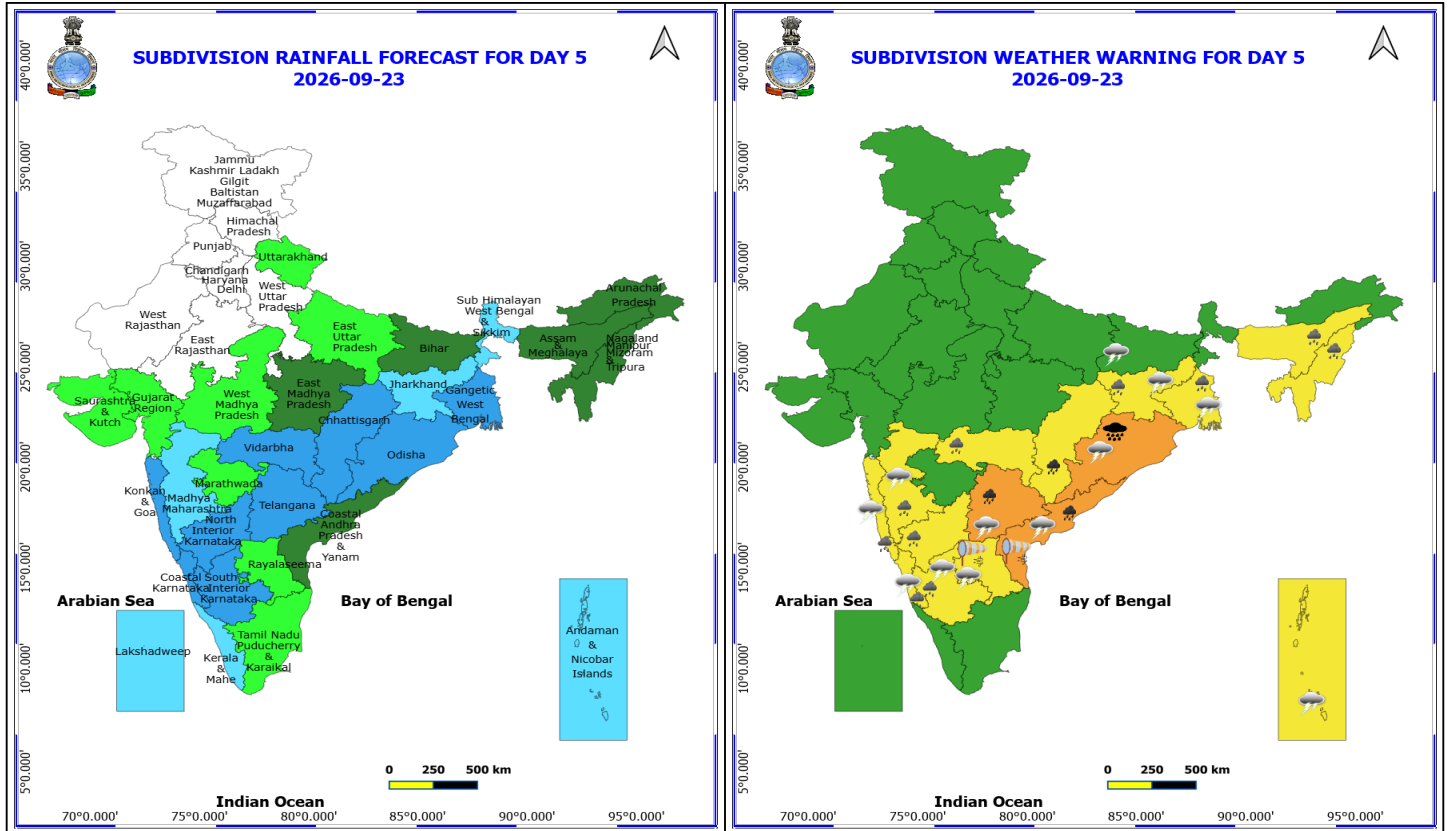
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West Bengal, Odisha, north Andra Pradesh coasts, Gulf of Mannar and south Myanmar coasts, over most parts of Bay of Bengal and over Andaman Sea



23 September (Day 5)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Odisha.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh and Telangana.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Gangetic West Bengal, Jharkhand, Karnataka, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura and Vidarbha.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Odisha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Coastal Karnataka, Gangetic West Bengal, Jharkhand, Konkan & Goa, Madhya Maharashtra, South Interior Karnataka and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Madhya Pradesh, North Interior Karnataka and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Chhattisgarh.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh.
- ❖ **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, northwest adjoining eastcentral Bay of Bengal
- ❖ **Squally weather with wind speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off west

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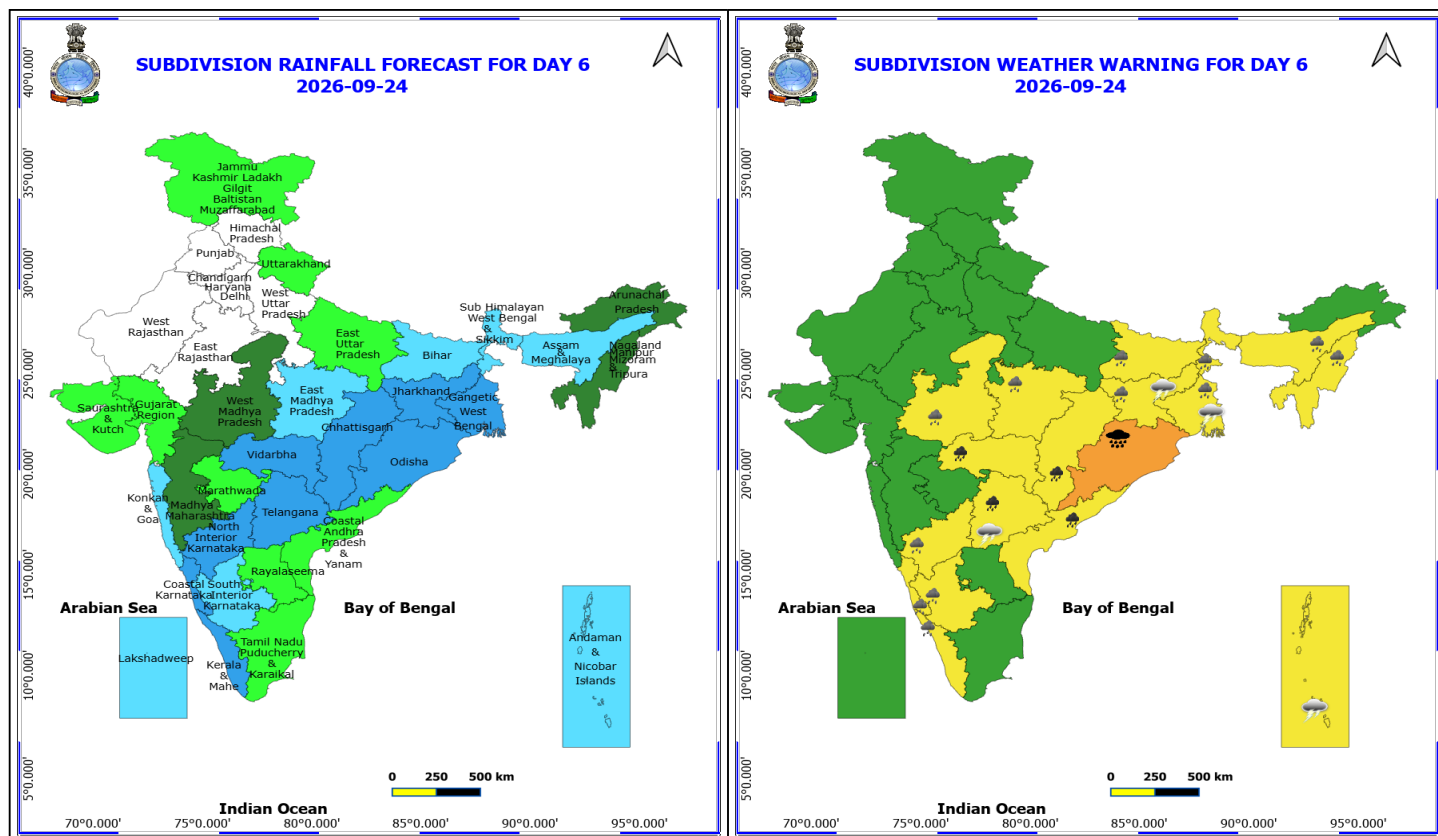
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Bengal, Bangladesh, south Andhra Pradesh coasts, over many parts of Bay of Bengal.

❖ **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 coast adjoining sea areas.



24 September (Day 6)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Odisha.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh, Telangana and Vidarbha.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Bihar, Jharkhand, Karnataka, Kerala & Mahe, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura and West Bengal & Sikkim.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal and Jharkhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Karnataka and Sub Himalayan West Bengal & Sikkim.

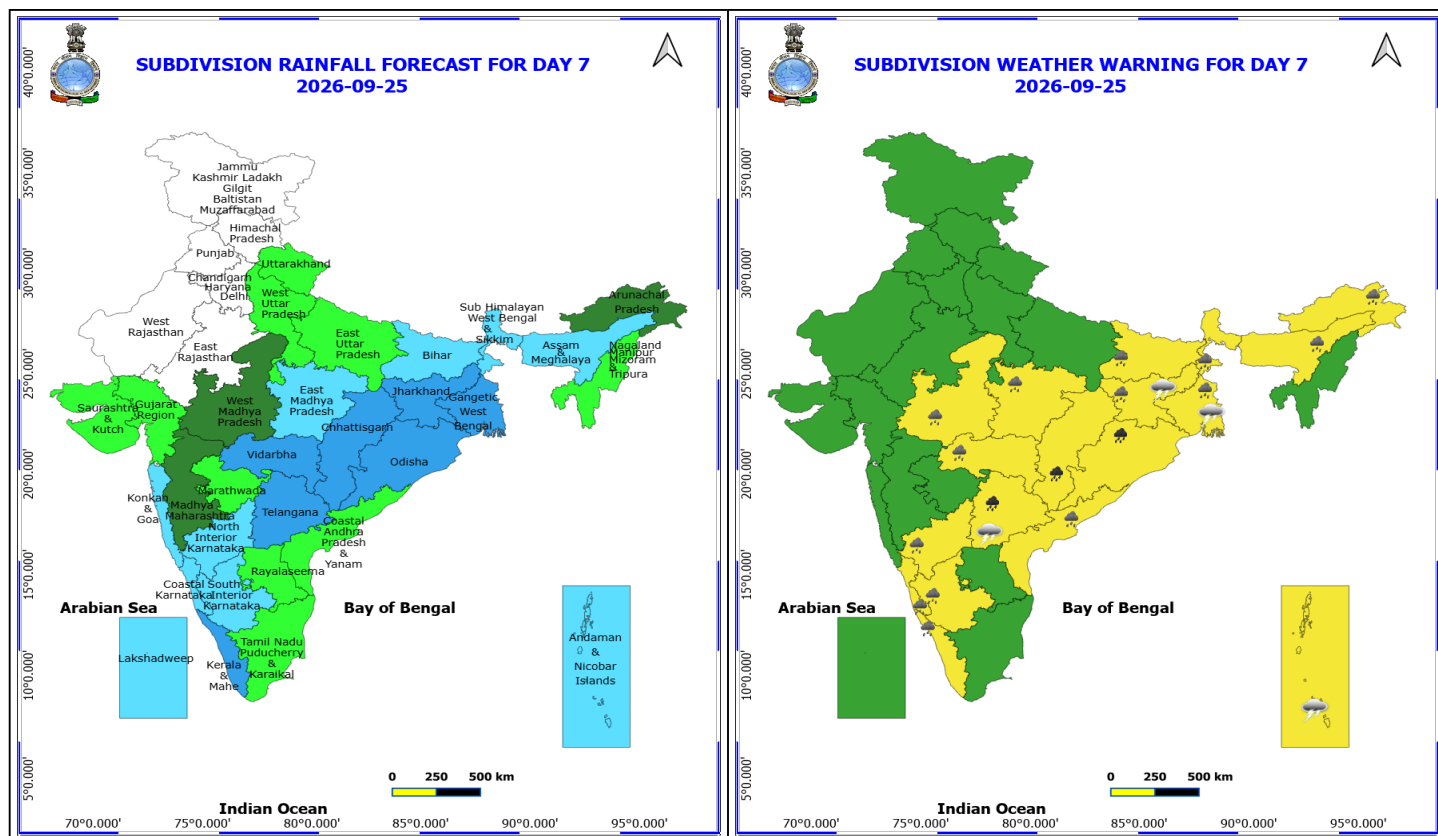
No Fishermen Warning

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25 September (Day 7)

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

No Fishermen Warning

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Table-1

7 Days Rainfall Forecast

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

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

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Fig. 1: Maximum Temperatures Dated 2026-09-18

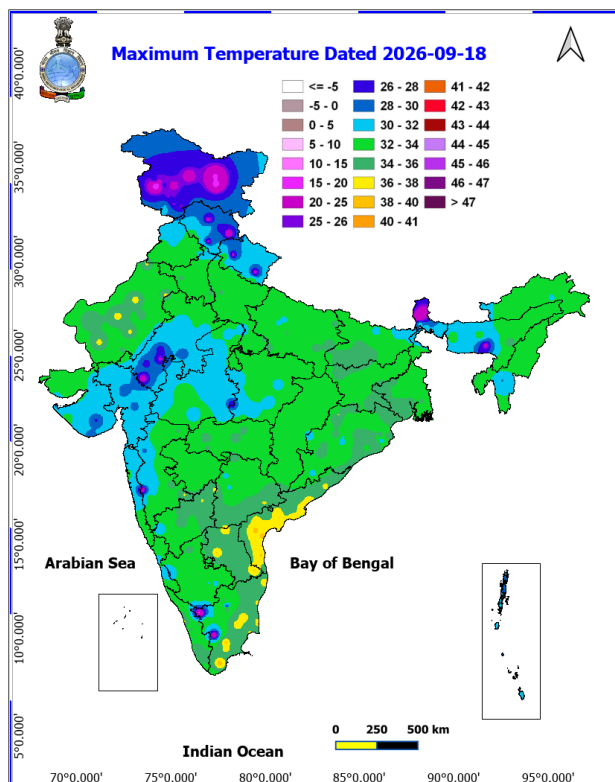


Fig. 2: Departure of Maximum Temp. Dated 2026-09-18

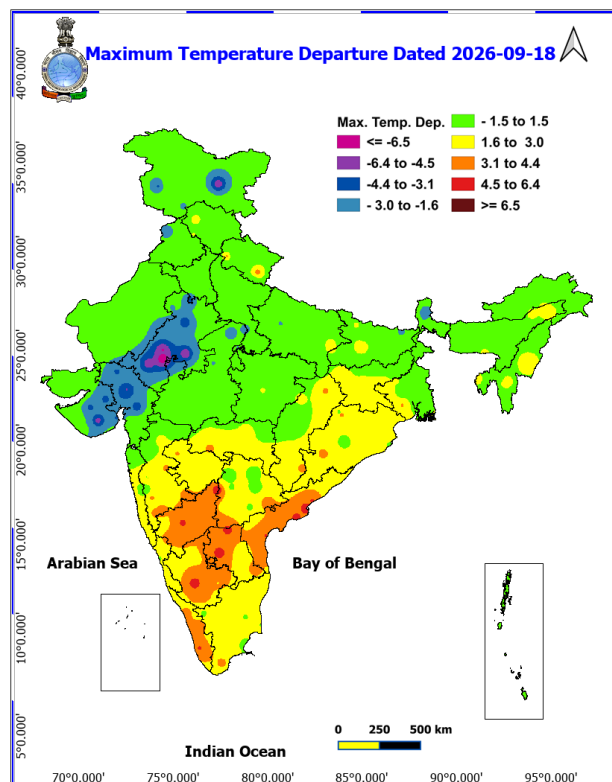


Fig. 3: Minimum Temperatures Dated 2026-09-19

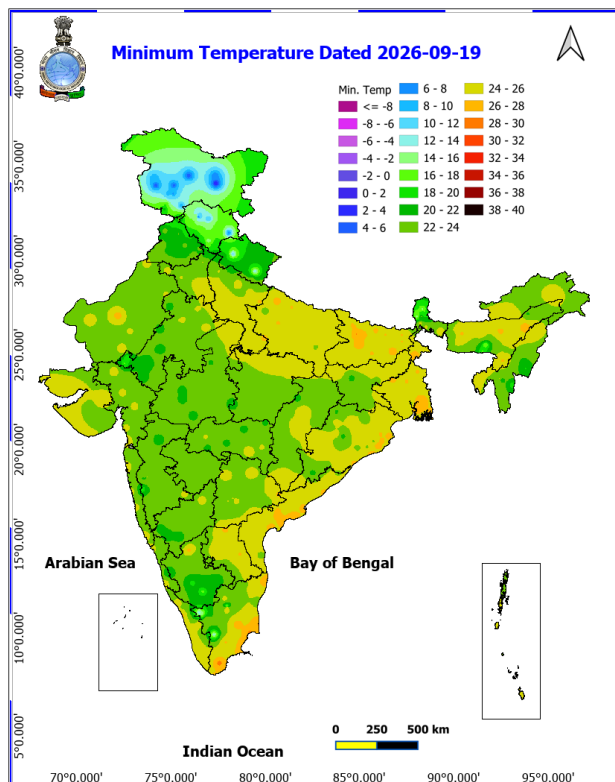
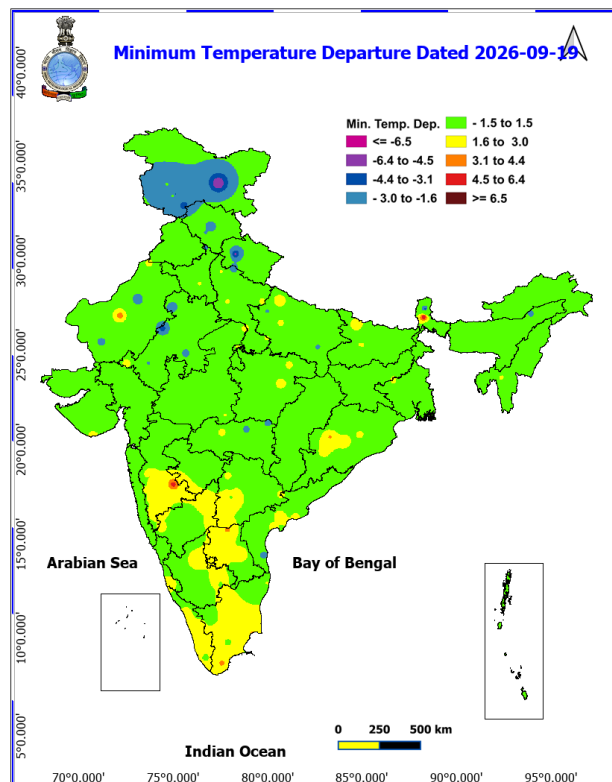
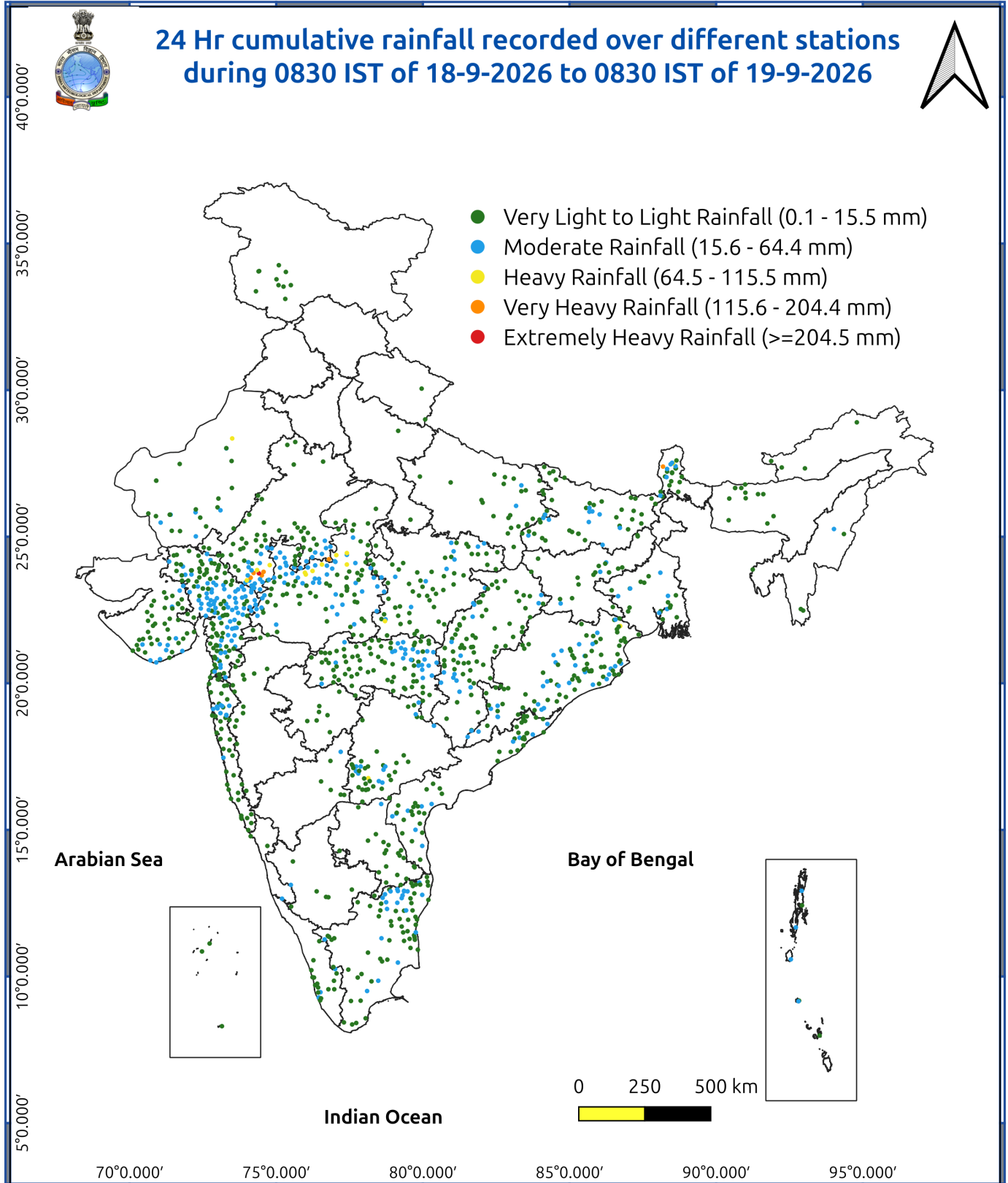


Fig. 4: Departure of Minimum Temp. Dated 2026-09-19





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Impact and Actions

Impact Expected and Action Suggested due to very heavy rainfall:

- **Isolated extremely rainfall** likely over Odisha on 23rd and 24th September.
- **Isolated very heavy rainfall** likely over Andaman & Nicobar Islands on 19th September; Odisha on 22nd September and on 25th September; over Vidarbha on 24th September; Chhattisgarh during 23rd-25th September; over Coastal Andhra Pradesh & Yanam during 22nd-24th September; Telangana during 22nd-25th 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**, ensure proper drainage to avoid waterlogging in banana, particularly in mature and fruit-bearing plants. Provide support to banana and other tall crops, wherever necessary, to minimize damage from strong winds.
- In **East Rajasthan**, drain out excess rain water in standing crop fields to avoid waterlogging. Provide mechanical support to banana & papaya plantations and staking to young plants and vegetables. Undertake propping in sugarcane.
- In **Tamil Nadu**, keep the harvested produce of paddy at safe places. Drain out excess water from rice, sorghum, maize, black gram and vegetable fields. Undertake propping in sugarcane and provide adequate support to banana, papaya and moringa, to prevent from lodging.
- In **Keralam**, ensure proper drainage in rice, spice plantations, vegetables and orchards to avoid water stagnation in the field. Provide mechanical support to banana plants and staking to vegetable pandals to prevent lodging.
- In **Andhara Pradesh**, harvest the matured maize and keep the produce at safe place. Drain out excess water from rice, unharvested maize, ragi, groundnut, red gram, sugarcane, vegetables and orchards. Provide immediate strong propping/bamboo support to banana fruit bearing plants to prevent lodging and bunch damage due to high winds and rain. Undertake propping in sugarcane.

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- In **Telangana**, ensure proper drainage in rice, cotton, green gram, black gram, redgram, vegetables and orchards to avoid water stagnation.
- In **Karnataka**, harvest matured green gram, black gram & soybean and sift the harvested produce at safe places. Ensure proper drainage in standing crop fields to avoid waterlogging.
- In **Odisha**, make necessary arrangements to drain excess water from rice, maize, millets, ginger, turmeric, vegetables, pulses and orchards.

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.

Advisories for likely impact of Heavy Rainfall for 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.

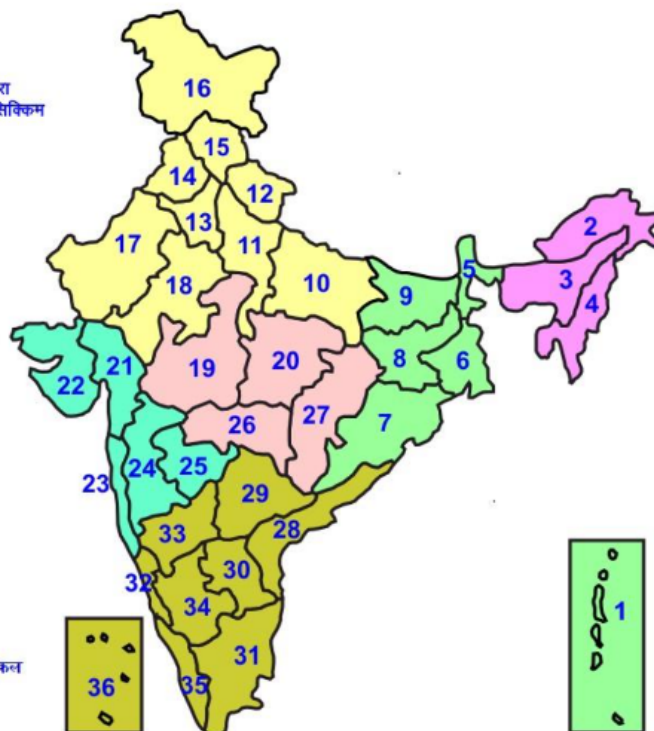
Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

West India: Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathwada.

South India: Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

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 at least 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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