



2026-09-16

Time of Issue: 13:19:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Warning and Forecast

Northwest India:

- **Fairly Widespread to Widespread** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 16th-17th September.
- **Fairly Widespread to Widespread** rainfall likely over Punjab during 16th-17th September; East Rajasthan on 17th September.
- **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 18th September; Himachal Pradesh and Uttarakhand during 16th-22nd September.
- **Isolated to Scattered** rainfall likely over Punjab during 18th-19th September; Haryana Chandigarh & Delhi during 16th-20th September; West Rajasthan and West Uttar Pradesh during 16th-19th September; East Uttar Pradesh during 16th-21st September; East Rajasthan on 16th September and during 18th-21st September.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Haryana Chandigarh & Delhi and Punjab during 16th-17th September, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over East Rajasthan during 16th-19th September.
- Isolated **thunderstorm & lightning** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and West Rajasthan during 16th-18th September; Uttarakhand during 16th-17th September; East Uttar Pradesh on 16th September.

Central India:

- **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 16th-17th September and during 20th-22nd September; East Madhya Pradesh during 19th-22nd September; Vidarbha during 16th-21st September; Chhattisgarh during 16th-18th September.
- **Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh during 18th-19th September; East Madhya Pradesh during 16th-18th September; Vidarbha on 22nd September; Chhattisgarh during 19th-22nd September.
- Isolated **thunderstorm & lightning** likely over Chhattisgarh, East Madhya Pradesh and West Madhya Pradesh during 16th-20th September.
- Isolated **heavy rainfall** likely over Chhattisgarh during 20th-22nd September.

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands and Gangetic West Bengal during 16th-22nd September; Sub-Himalayan West Bengal & Sikkim during 16th-18th September and on 22nd September; Odisha during 19th-22nd September.
- **Isolated to Scattered** rainfall likely over Sub-Himalayan West Bengal & Sikkim during 19th-21st September; Bihar and Jharkhand during 16th-22nd September; Odisha during 16th-18th September.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 16th-22nd September; Jharkhand during 16th-17th September, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Gangetic West Bengal during 16th-17th September.
- Isolated **thunderstorm & lightning** likely over Odisha and Sub-Himalayan West Bengal & Sikkim on 16th September; Bihar during 16th-18th September.
- Isolated **heavy rainfall** likely over Andaman & Nicobar Islands during 16th-17th September and during 19th-22nd September; Sub-Himalayan West Bengal & Sikkim on 17th September; Bihar during 17th-18th September; Odisha on 16th September and during 18th-20th September with isolated **very heavy rainfall** also likely over Andaman & Nicobar Islands on 18th September; Sub-Himalayan West Bengal & Sikkim on 16th September.

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Northeast India:

- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh during 16th-17th September; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 16th September.
- **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 18th-22nd September; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 17th-22nd September.
- Isolated **thunderstorm & lightning** likely over Assam & Meghalaya during 16th-20th September; Nagaland, Manipur, Mizoram & Tripura during 16th-18th September.
- Isolated **heavy rainfall** likely over Arunachal Pradesh during 16th-17th September; Assam & Meghalaya on 17th September and on 19th September; Nagaland, Manipur, Mizoram & Tripura on 16th September and on 19th September with isolated **very heavy rainfall** also likely over Assam & Meghalaya on 16th September.

West India:

- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa on 16th September; Gujarat Region during 17th-19th September; Saurashtra & Kutch on 17th September.
- **Isolated to Scattered** rainfall likely over Konkan & Goa during 17th-22nd September; Madhya Maharashtra and Marathwada during 16th-22nd September; Gujarat Region on 16th September and during 20th-22nd September; Saurashtra & Kutch on 16th September and during 18th-22nd September.
- Isolated **thunderstorm & lightning** likely over Gujarat Region during 17th-18th September; Saurashtra & Kutch during 16th-18th September.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 16th-22nd September; Kerala & Mahe on 16th September and during 19th-22nd September; Lakshadweep during 19th-22nd September; Coastal Karnataka during 16th-19th September; North Interior Karnataka, South Interior Karnataka and Telangana during 16th-18th September.
- **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe during 17th-18th September; Lakshadweep during 16th-18th September; Coastal Karnataka during 20th-22nd September; North Interior Karnataka, South Interior Karnataka and Telangana during 19th-22nd September.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 16th-20th September; Coastal Andhra Pradesh & Yanam during 19th-20th September, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe during 18th-19th September; North Interior Karnataka, South Interior Karnataka and Telangana during 16th-20th September; Coastal Andhra Pradesh & Yanam and Rayalaseema during 16th-18th September.
- Isolated **thunderstorm & lightning** likely over Lakshadweep during 16th-18th September; Rayalaseema during 19th-20th September.
- Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 16th-20th September; Kerala & Mahe during 17th-20th September; South Interior Karnataka on 16th September and during 19th-22nd September; Coastal Andhra Pradesh & Yanam and Rayalaseema during 19th-21st September; Telangana during 19th-22nd September.
- Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam, North Interior Karnataka, Rayalaseema and South Interior Karnataka during 16th-20th September.

Fishermen Warning:

- **Arabian Sea:** Along and off north Gujarat coasts adjoining northeast Arabian Sea on 16th September; along and off Somalia coasts, few parts of southwest adjoining westcentral Arabian Sea till 19th September.
- **Bay of Bengal:** Over few to some parts of southeast & southwest Bay of Bengal till 21st September; over Andaman Sea till 21st September; over few parts of southwest Bay of Bengal adjoining south Sri Lanka coasts during 19th to 20th 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 and Sub Himalayan West Bengal & Sikkim; **at many places** over Arunachal Pradesh, Saurashtra & Kutch, Konkan & Goa and Lakshadweep; **at a few places** over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Bihar, Uttarakhand, Himachal Pradesh, Gujarat Region and Rayalaseema; **at isolated places** over Gangetic West Bengal, Odisha, Jharkhand, East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Madhya Maharashtra, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Sub Himalayan West Bengal & Sikkim**: Mangan (dist Mangan) 28; Sankalan (dist Mangan) 27; Singhik (dist Mangan) 16; Shipgyar (dist Mangan) 7; **Saurashtra & Kutch**: Mandvi(k) (dist Kutch) 15; **West Madhya Pradesh**: Seodha(seondha) (dist Datia) 10; **Nagaland, Manipur, Mizoram & Tripura**: Lengpui (dist Aizawl) 10; **Odisha**: Bhandaripokhari (dist Bhadrak) 9; **Rayalaseema**: Venkatagiri Kota (dist Chittoor) 8; **Tamil Nadu, Puducherry & Karaikal**: Hosur (dist Krishnagiri), Alangayam (dist Tirupattur) 7 Each; **East Madhya Pradesh**: Shahpura (dist Jabalpur) 7; **Uttarakhand**: Didihat (dist Pithoragarh) 7; **Bihar**: Banka (dist Banka), Hasanpur (dist Samastipur), Chautham (dist Khagaria), Bahadurpur (dist Darbhanga) 7 Each; **Gangetic West Bengal**: Tusuma (dist Purulia) 7.

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

❖ **Minimum Temperature Departures (as on 16-09-2026)**: **markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh and East Madhya Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at few places over East Madhya Pradesh, Madhya Maharashtra and Rayalaseema; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Odisha, Bihar, East Uttar Pradesh, West Uttar Pradesh, East Rajasthan, West Madhya Pradesh, Saurashtra & Kutch and Coastal Andhra Pradesh & Yanam. **above normal(1.6°C to 3.0°C)** at most places over West Rajasthan; at few places over Odisha, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Vidarbha, Chhattisgarh, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka and Lakshadweep; at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Gangetic West Bengal, Jharkhand, Bihar, East Uttar Pradesh, Uttarakhand, Punjab, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh & Yanam, Telangana and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Punjab, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Saurashtra & Kutch, Madhya Maharashtra, Marathwada, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka and Lakshadweep; at most places over Andaman & Nicobar Islands, Arunachal Pradesh, Gangetic West Bengal, Jharkhand, Himachal Pradesh, Gujarat Region, Konkan & Goa, Coastal Karnataka, South Interior Karnataka and Kerala & Mahe; at few places over Odisha, West Uttar Pradesh, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Rayalaseema. **The lowest minimum temperature** of 17.0°C was reported at HALFLONG (ASSAM) over the Plains of India.

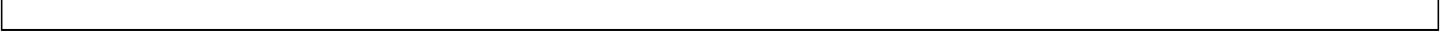
❖ **Maximum Temperature Departures (as on 15-09-2026)**: **markedly above normal(> 5.1°C)** at many places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at most places over Arunachal Pradesh; at few places over Assam & Meghalaya; at isolated places over Himachal Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at few places over Nagaland, Manipur, Mizoram & Tripura and Sub Himalayan West Bengal & Sikkim; at isolated places over West Rajasthan and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at few places over Punjab; at isolated places over Gangetic West Bengal, Odisha, Haryana-Chandigarh-Delhi and East Rajasthan. **near normal(-1.5°C to 1.5°C)** at many places over Uttarakhand, Konkan & Goa, Coastal Karnataka and Lakshadweep; at most places over Coastal Andhra Pradesh & Yanam and Rayalaseema; at few places over West Uttar Pradesh, South Interior Karnataka and Kerala & Mahe; at isolated places over Andaman & Nicobar Islands, Bihar and East Uttar Pradesh. **The highest maximum temperature** of 40.1°C was reported at JAISALMER (RAJASTHAN).

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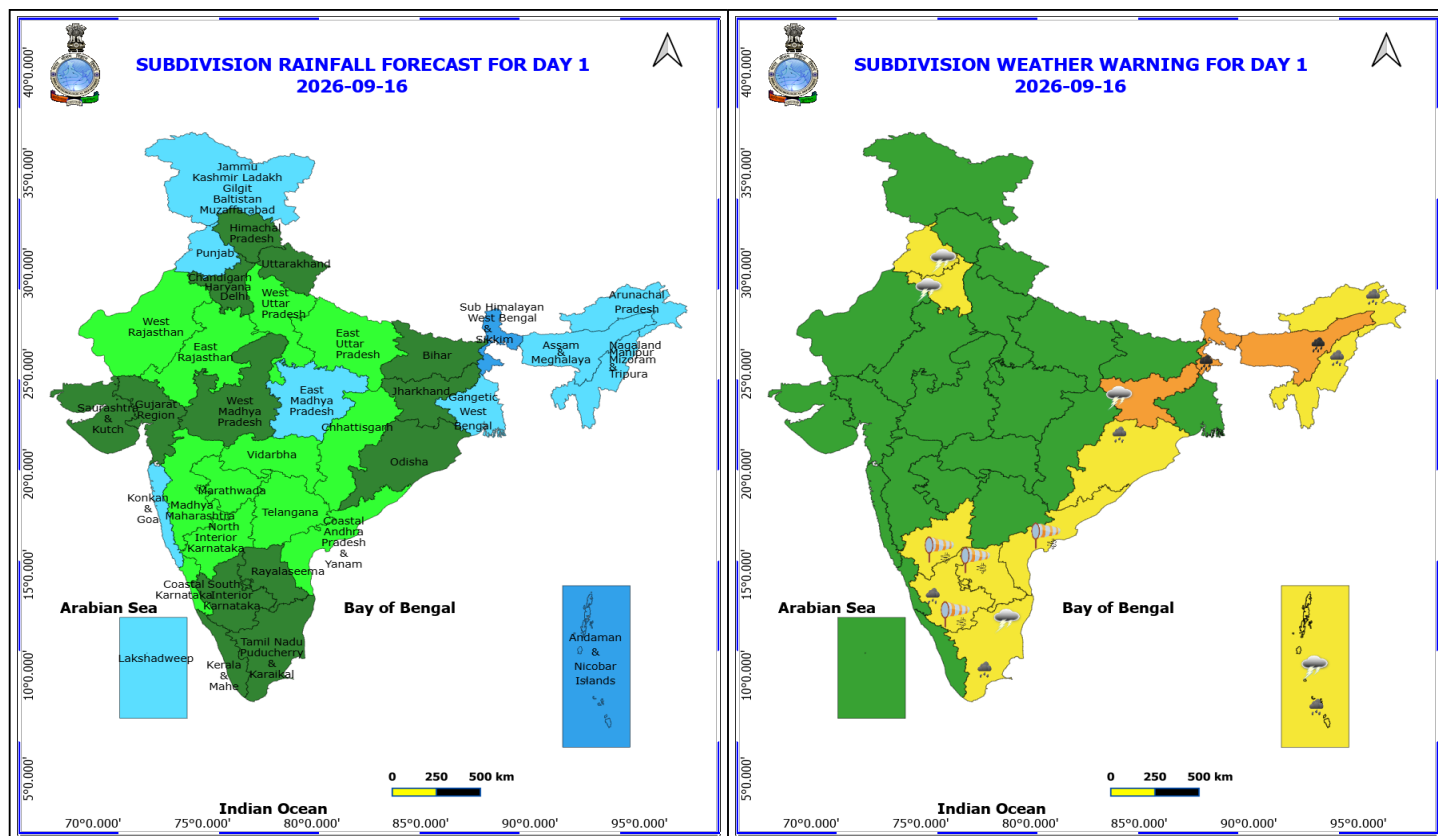
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Meteorological Analysis (Based on 0830 hours IST)

- Conditions are becoming favourable for **withdrawal of Southwest Monsoon** from some parts of West Rajasthan around 19th September, 2026.
- The **Low Pressure Area** over Saurashtra & adjoining Northeast Arabian Sea persisted over the same region at 0830 hrs IST of today 16th September, 2026. The associated cyclonic circulation now extends up to 5.8 km above mean sea level tilting southwards with height.
- The **Monsoon trough** at mean sea level now passes through centre of **Low Pressure Area** over Saurashtra & adjoining Northeast Arabian Sea, Deesa, Jaipur, Agra, Lucknow, Gaya, Sagar Island, and thence southeastwards to Northeast Bay of Bengal.
- An **upper-air cyclonic circulation** lay over north Thailand at 0830 hrs IST of today, the 16th September, 2026 and extended upto 7.6 km above mean sea level. It is likely to emerge over the north Andaman Sea around 18th September evening and under its influence a **low pressure area** is likely to form over the same region around the evening of 19th September, 2026. Thereafter, it is likely to intensify gradually and move west-northwestwards towards south Odisha-north Andhra Pradesh coasts during subsequent 3-4 days.
- A **trough** runs from Northern parts of Gangetic West Bengal to North Odisha between 1.5 to 3.1 km above mean level.
- The **upper air cyclonic circulation** over Northwest Bay of Bengal & adjoining north coastal Odisha at 3.1 km above mean sea level has merged with the above trough.
- The **upper air cyclonic circulation** over central Assam & neighbourhood extending upto 1.5 km above mean sea level persists.
- The **upper air cyclonic circulation** over south Coastal Andhra Pradesh & neighbourhood now lies over south Coastal Andhra Pradesh & adjoining Rayalaseema at 1.5 km above mean sea level.
- The **trough** from South interior Karnataka to Gulf of Mannar now runs from North Interior Karnataka to Gulf of Mannar across South Interior Karnataka and Tamil Nadu at 0.9 km above mean sea level.
- The **upper air cyclonic circulation** over north Haryana & neighbourhood at 1.5 km above mean sea level persists.



16 September (Day 1)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Assam & Meghalaya and Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Haryana, Chandigarh & Delhi, Jharkhand, Punjab and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, East Rajasthan, Gangetic West Bengal, Interior Karnataka and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Assam & Meghalaya, Bihar, Chhattisgarh, East Uttar Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Lakshadweep, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, Saurashtra & Kutch, Sub Himalayan West Bengal & Sikkim, Uttarakhand and West Rajasthan.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh and Interior Karnataka.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off north Somalia coasts, few parts of southwest adjoining westcentral Arabian Sea.
- ❖ **Squally weather** with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off north Gujarat coasts adjoining northeast Arabian Sea.

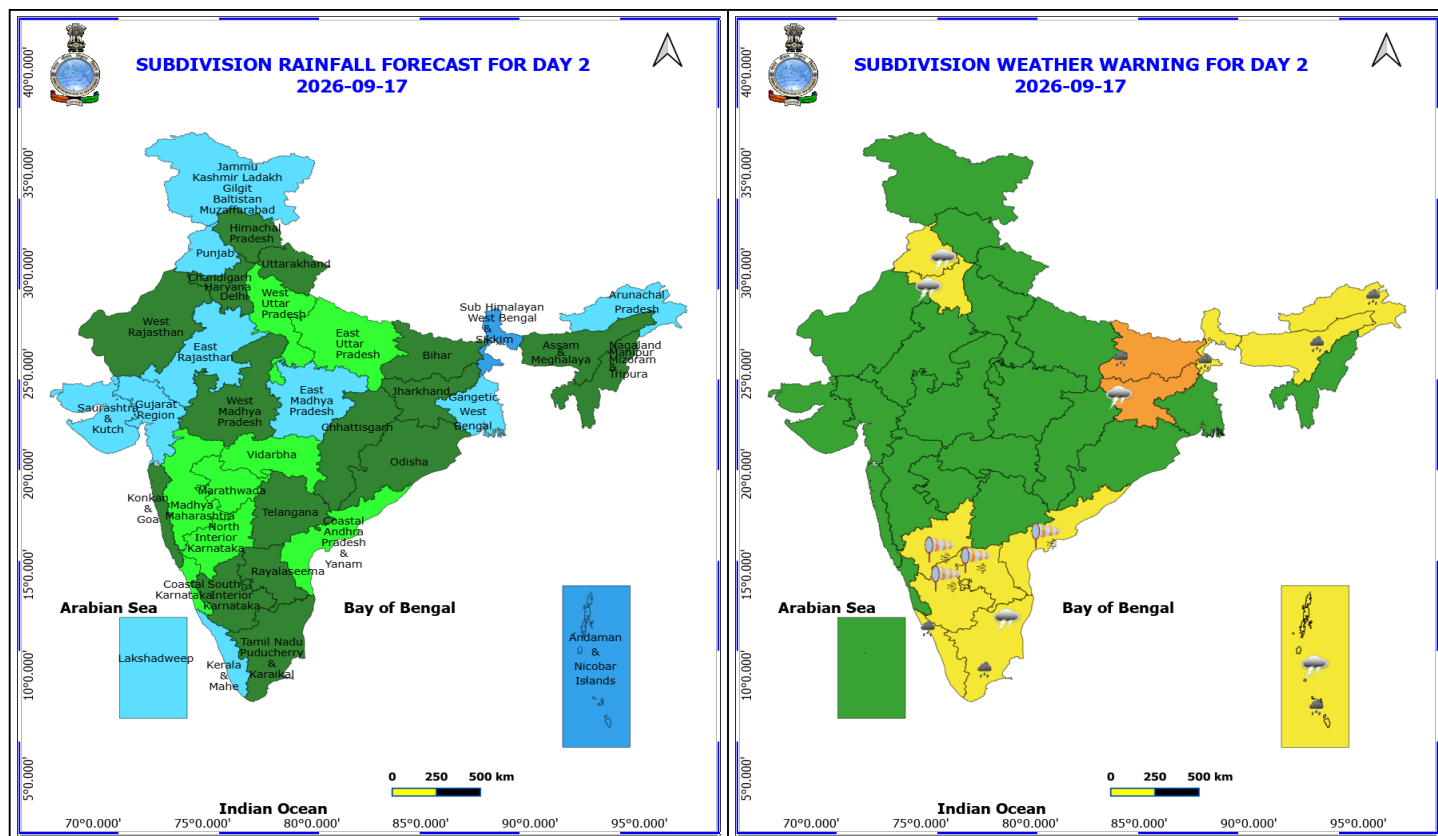
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- ❖ Bay of Bengal: Squally weather with wind speed 45-55 kmph gusting to 65 kmph is likely to prevail over some parts of southeast adjoining southwest Bay of Bengal and over south Andaman Sea.
- ❖ Squally weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over Andaman Sea and few parts of southeast adjoining southwest Bay of Bengal.



17 September (Day 2)

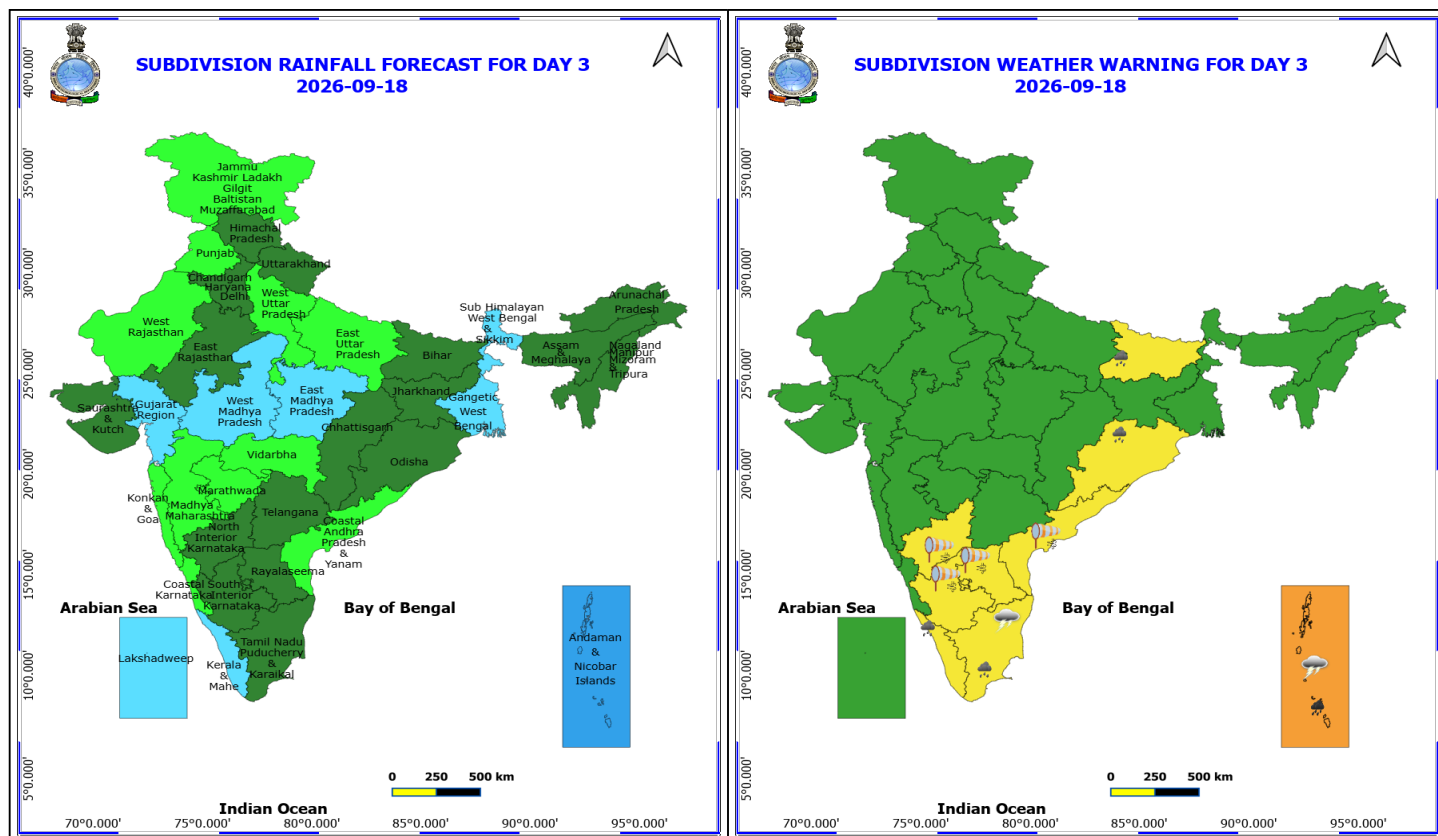
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Bihar, Kerala & Mahe, Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Haryana, Chandigarh & Delhi, Jharkhand, Punjab and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, East Rajasthan, Gangetic West Bengal, Interior Karnataka and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Assam & Meghalaya, Bihar, Chhattisgarh, Gujarat State, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Lakshadweep, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and West Rajasthan.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh and Interior Karnataka.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off north Somalia coasts adjoining southwest & westcentral Arabian Sea.
- ❖ **Bay of Bengal:** Squally weather with wind speed 45-55 kmph gusting to 65 kmph is likely to prevail over some parts of southeast adjoining southwest Bay of Bengal adjoining south Sri Lanka coasts and over some parts of south Andaman Sea.
- ❖ Squally weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over Andaman Sea and some parts of southeast adjoining southwest Bay of Bengal.

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18 September (Day 3)

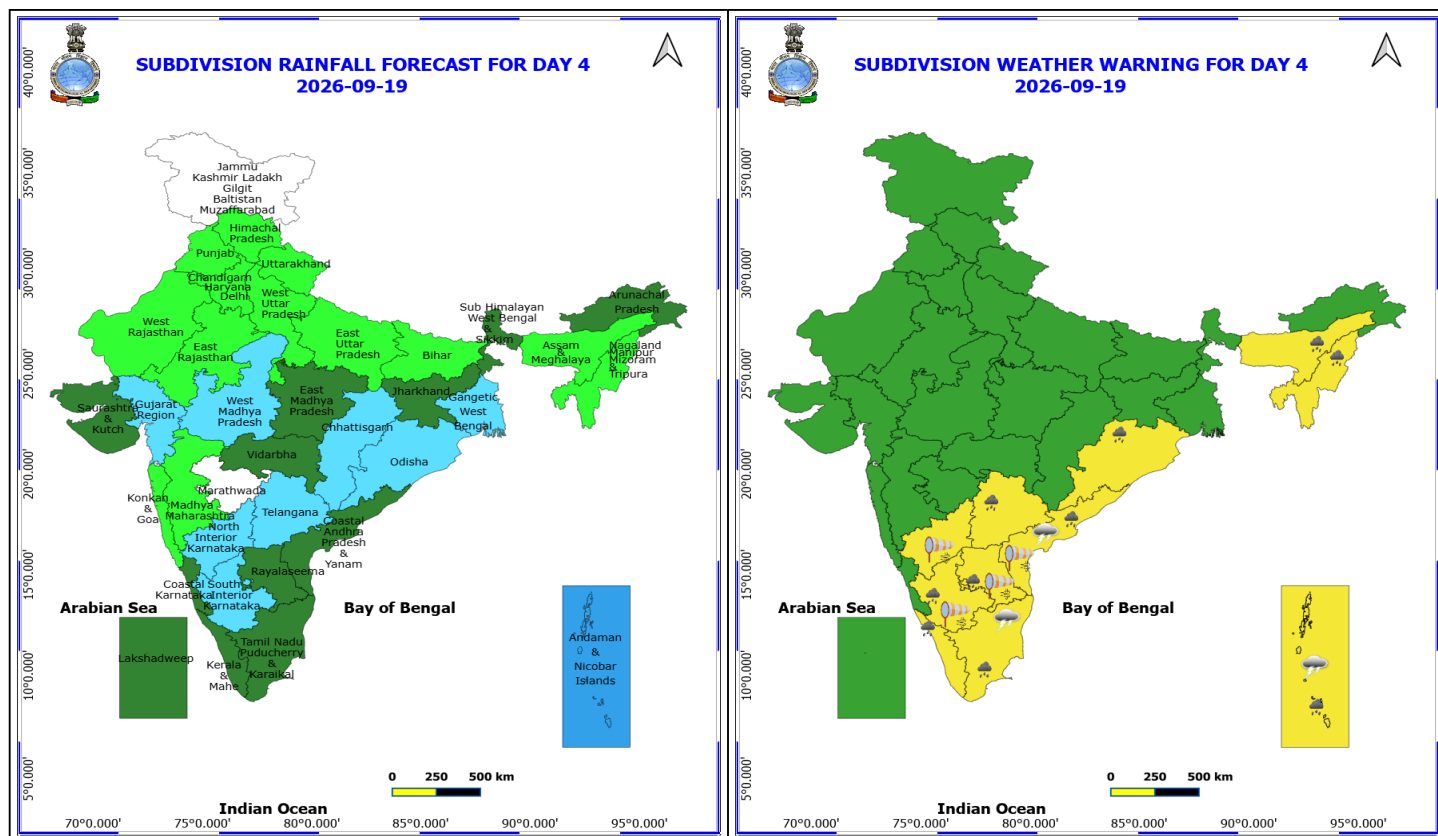
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Heavy Rainfall** very likely at isolated places over Bihar, Kerala & Mahe, Odisha and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, East Rajasthan, Interior Karnataka, Kerala & Mahe and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Assam & Meghalaya, Bihar, Chhattisgarh, Gujarat State, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Lakshadweep, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura and West Rajasthan.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh and Interior Karnataka.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off north Somalia coasts adjoining southwest & westcentral Arabian Sea.
- ❖ **Bay of Bengal:** Squally weather with wind speed 45-55 kmph gusting to 65 kmph is likely to prevail over some parts southeast Bay of Bengal and over south Andaman Sea.
- ❖ Squally weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over Andaman Sea and some parts of south Bay of Bengal.

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19 September (Day 4)

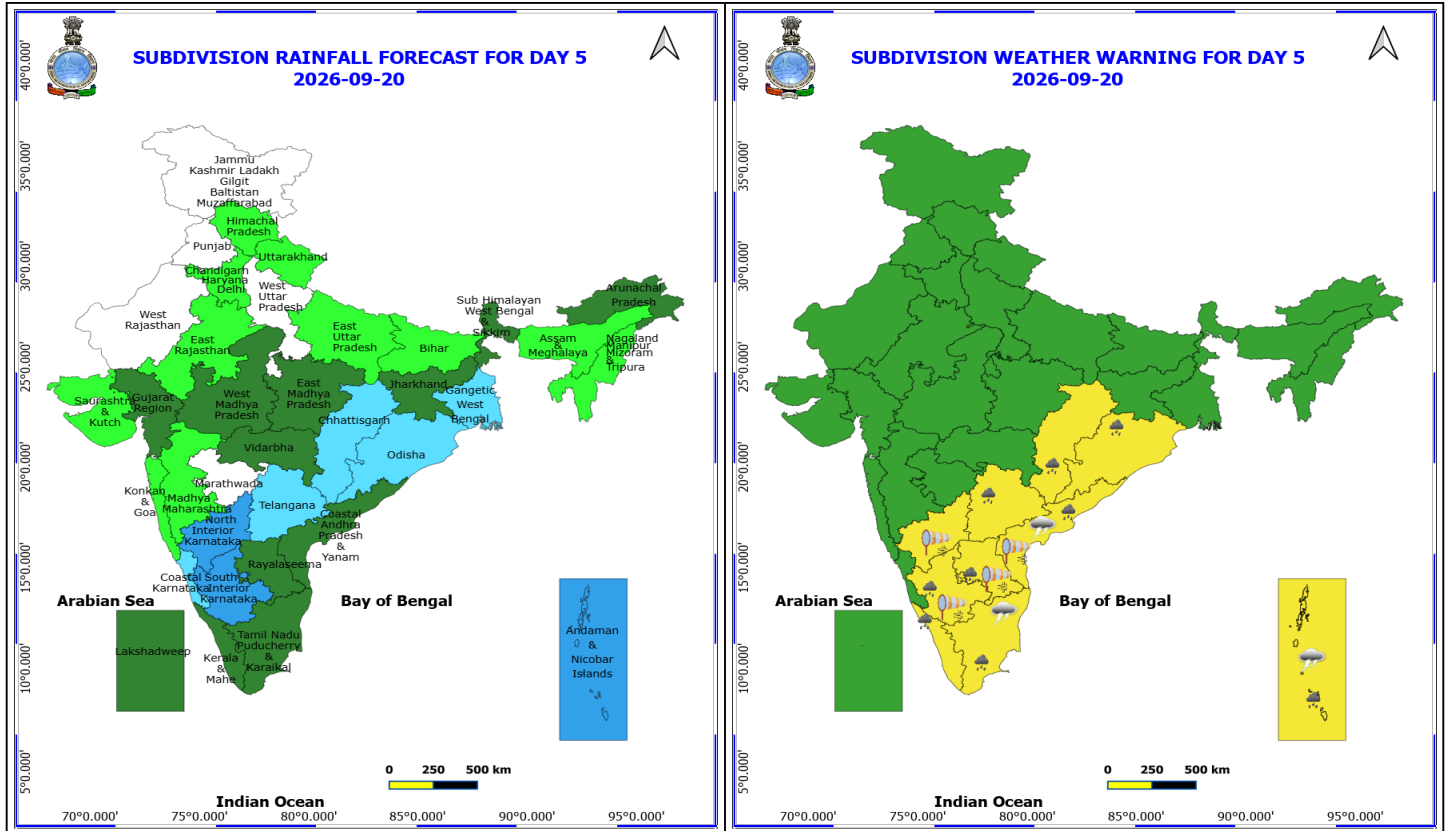
- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Assam & Meghalaya, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Odisha, South Interior Karnataka, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Coastal Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over East Rajasthan, Interior Karnataka, Kerala & Mahe and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Madhya Pradesh and Rayalaseema.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh and Interior Karnataka.
- ❖ **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.
- ❖ Squally weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over Andaman Sea and some parts of southeast Bay of Bengal.

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20 September (Day 5)

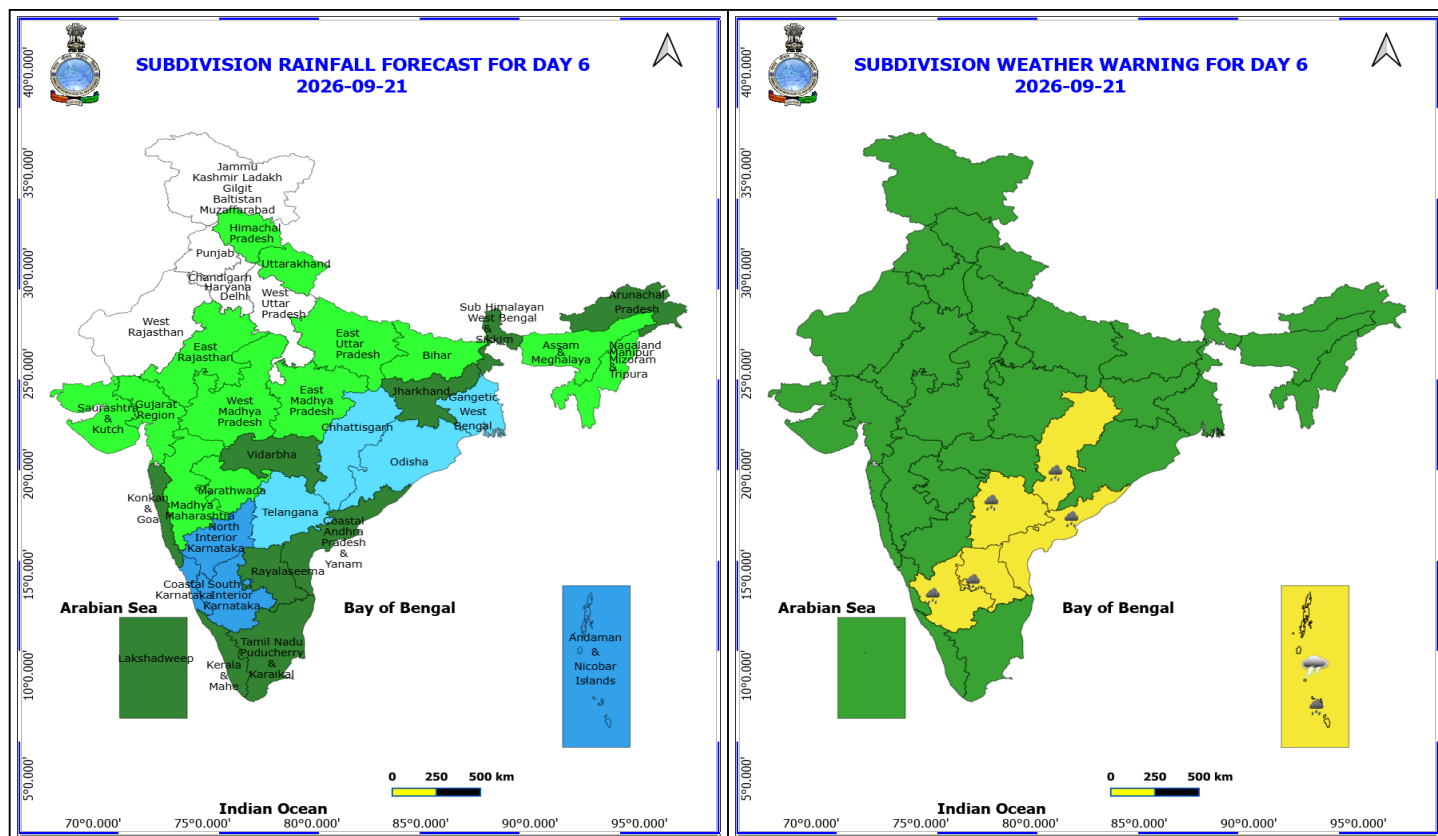
- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Chhattisgarh, Kerala & Mahe, Odisha, South Interior Karnataka, Tamil Nadu Puducherry & Karaikal and Telangana.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Coastal Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Interior Karnataka and Telangana.
 - ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Madhya Pradesh and Rayalaseema.
 - ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh and Interior Karnataka.
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- ❖ 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.
 - ❖ Squally weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over Andaman Sea and some parts of southeast Bay of Bengal.

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21 September (Day 6)

- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Chhattisgarh, Kerala & Mahe, Odisha, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Telangana.

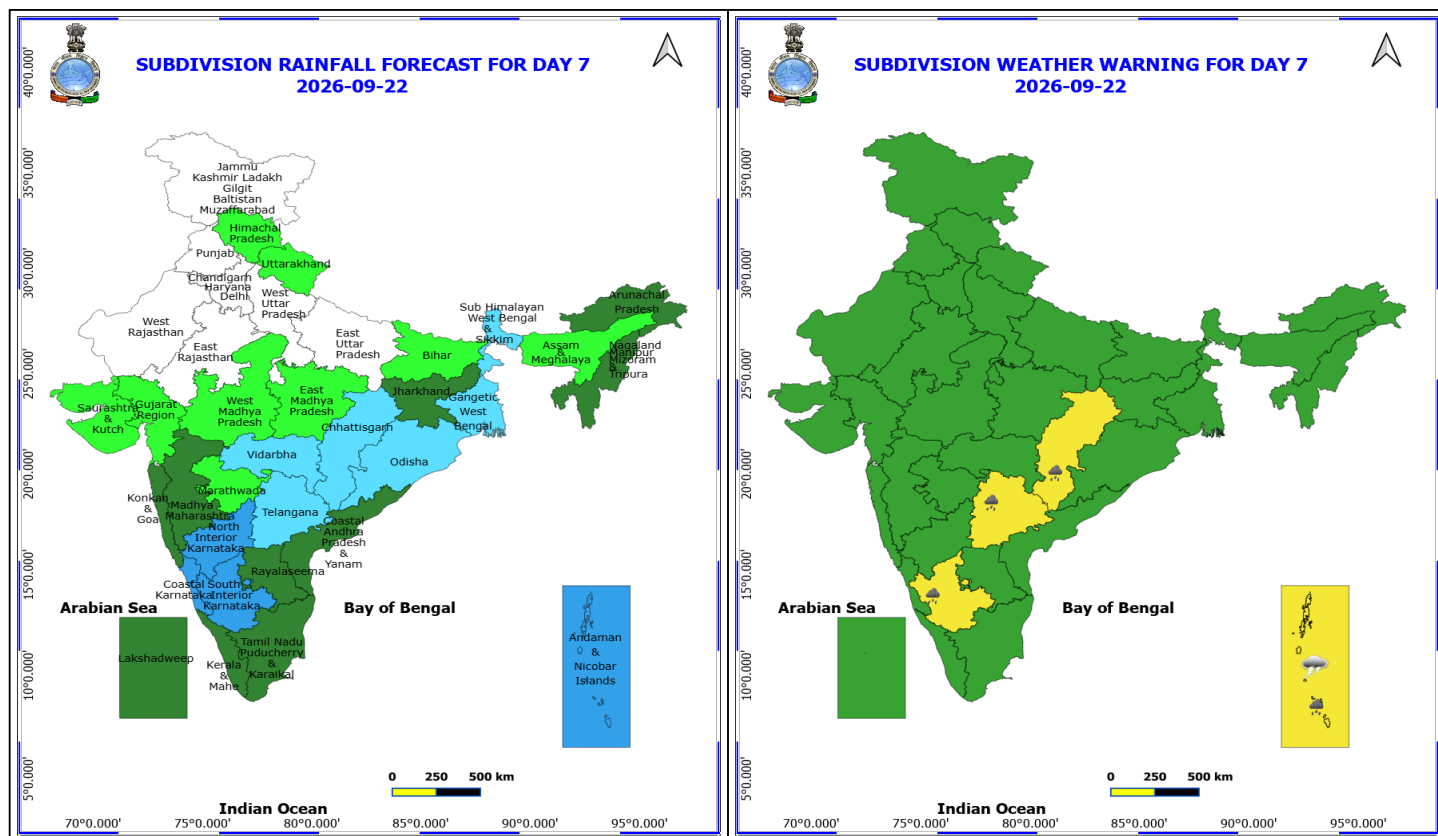
No Fishermen Warning

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22 September (Day 7)

- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Chhattisgarh, Kerala & Mahe, Odisha, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Telangana.

No Fishermen Warning



Table-1

7 Days Rainfall Forecast

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

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

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Fig. 1: Maximum Temperatures Dated 2026-09-15

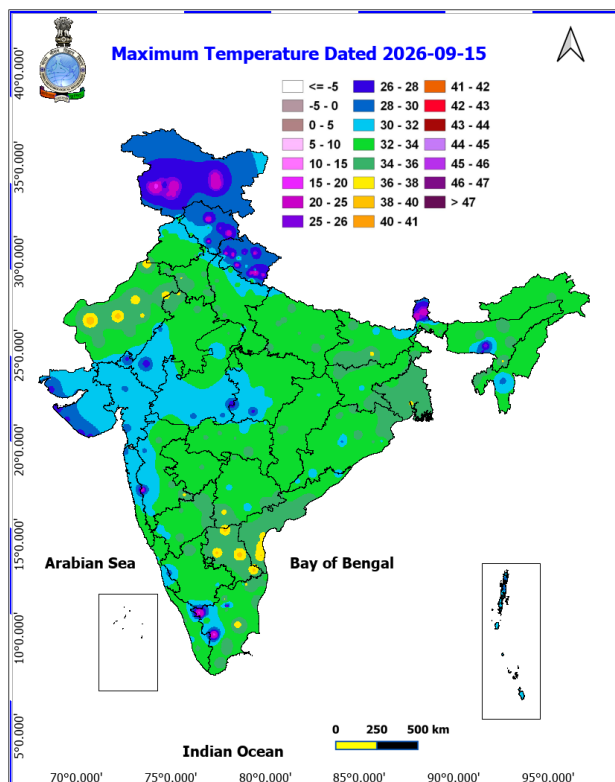


Fig. 2: Departure of Maximum Temp. Dated 2026-09-15

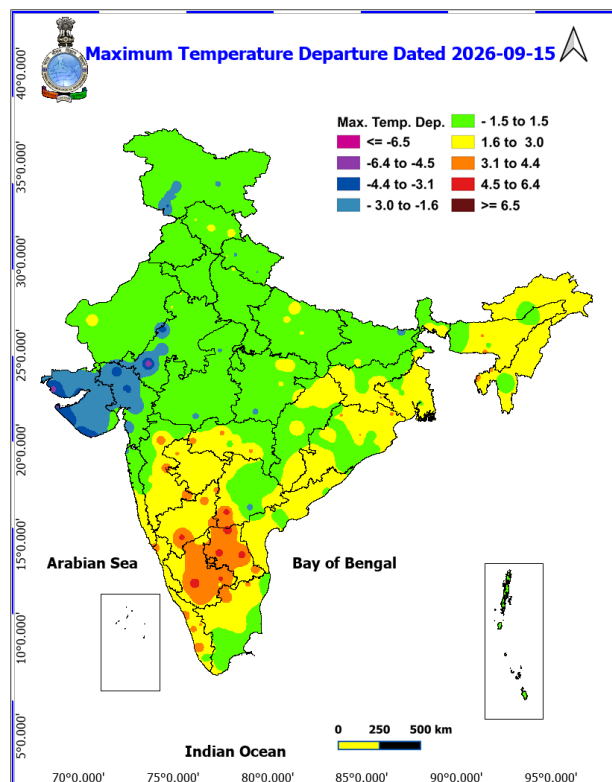


Fig. 3: Minimum Temperatures Dated 2026-09-16

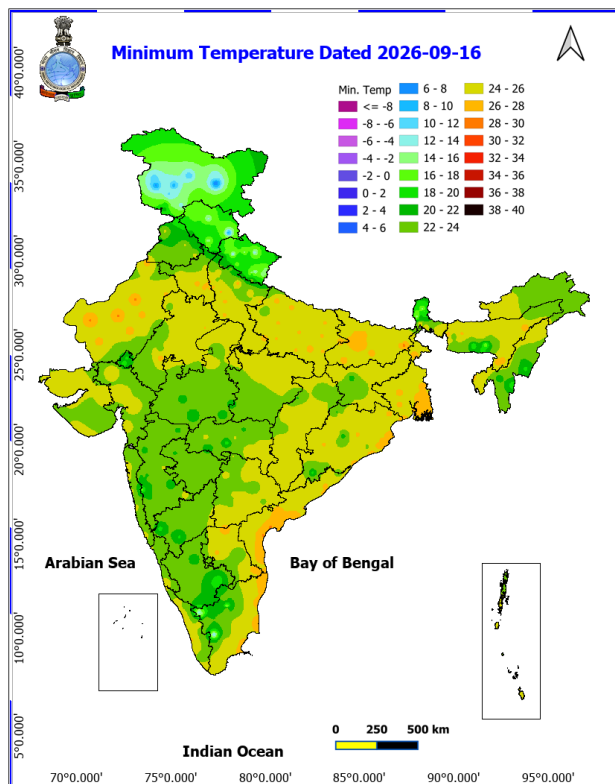
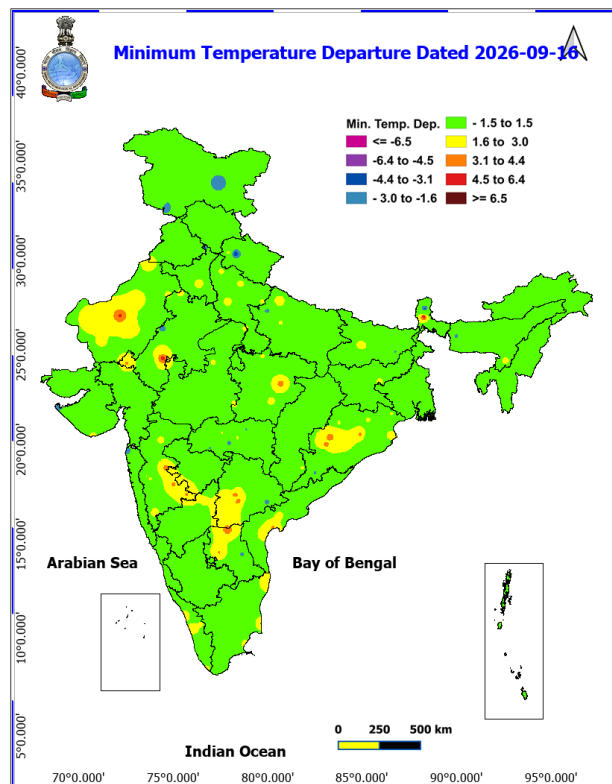
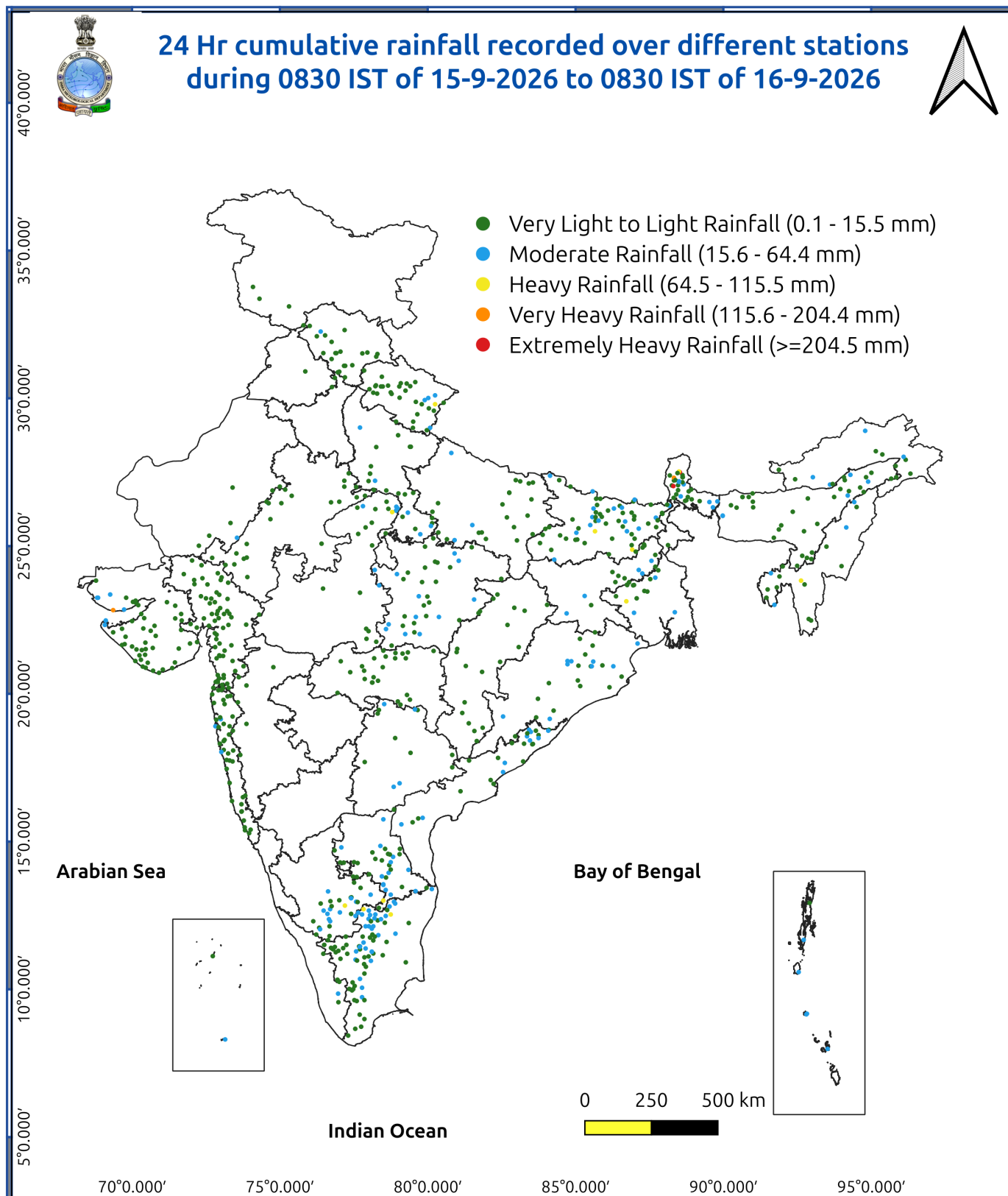


Fig. 4: Departure of Minimum Temp. Dated 2026-09-16





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Impact and Actions

Impact Expected and Action Suggested due to very heavy rainfall:

- Isolated very heavy rainfall likely over Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya on 16th; over Andaman & Nicobar Islands on 18th September
- Moderate to severe lightning activity likely over Jharkhand on 16th & 17th 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 **Arunachal Pradesh**, maintain proper drainage in millet fields to prevent water stagnation and strengthen trellises and supports for cucumber and other gourds. Harvest mature upland/Jhum rice, soybean and vegetables and immediately shift the produce to safe, covered shelters.
- In **Assam & Meghalaya**, drain excess water from maize, black gram, green gram and sesame fields and keep

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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 **Nagaland**, maintain 3-5 cm water level in wet rice fields and harvest mature maize cobs during suitable weather.
- In **Manipur**, harvest colocasia and mature ginger during rain-free periods and ensure proper drainage in ginger fields.
- In **Mizoram**, prepare fields for sowing black gram, green gram, soybean, sesame and lentil after maize harvest. Ensure drainage in ginger fields and prevent water stagnation to minimise soft-rot and rhizome-rot incidence.
- In **Tripura**, maintain adequate soil moisture in Aus rice during panicle initiation and booting, while ensuring drainage in low-lying groundnut fields to prevent stagnation
- In **Sub-Himalayan West Bengal & Sikkim**, maintain safe water levels in rice and clear drainage channels in rice and green gram fields. Drain excess water from rice fields, protect pointed gourd.
- 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 newly planted banana saplings; postpone field operations until rainfall ceases and soil conditions become suitable.
- In **South Interior 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

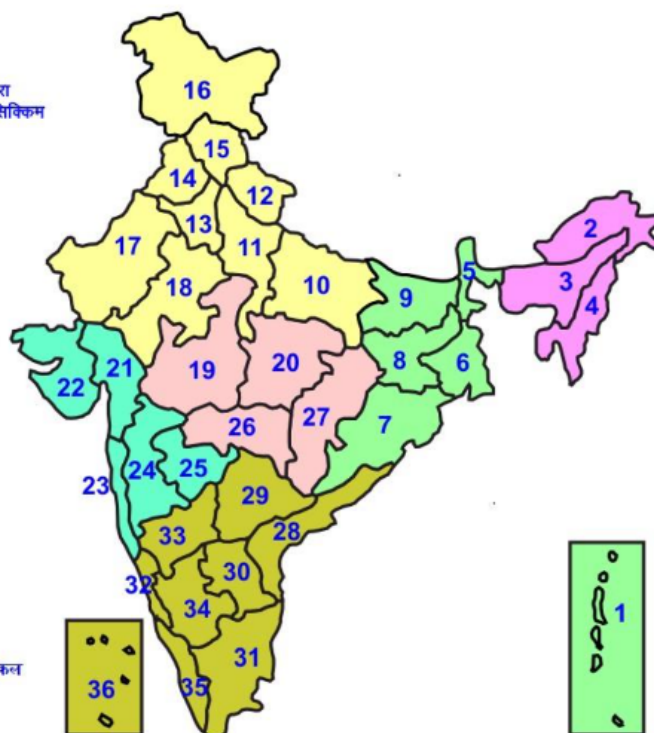
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- Provide mechanical support to horticultural crops and staking or support to vegetables 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. 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 |  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 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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