

2025-09-21

Time of Issue: 13:40:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

East & Central India:

Light to moderate rain/thunderstorm at most/many places with isolated **heavy rainfall** likely over West Madhya Pradesh on 21st & 22nd, Bihar during 25th-27th; Jharkhand during 24th – 26th; Andaman & Nicobar Islands on 24th & 25th; Gangetic West Bengal on 22nd & 23rd; Chhattisgarh & Vidarbha during 24th-27th; Odisha during 23rd-27th September.

Thunderstorm & gusty winds (speed reaching 30-40 kmph) very likely over East India during next 5 days.

Northeast India:

Light/moderate rain/thunderstorm at many/some places with isolated **heavy rainfall** likely over Assam & Meghalaya during 21st-24th and Nagaland, Manipur, Mizoram & Tripura during 21st-23rd and on 27th September.

South Peninsular India:

Light to moderate rain/thunderstorm at many/some places with isolated **heavy rainfall** likely over Kerala & Mahe on 22nd, 26th & 27th; Rayalaseema on 21st, 26th & 27th; Coastal Karnataka on 26th & 27th; North Interior Karnataka during 21st- 23rd and on 26th & 27th; Telangana on 21st, 22nd, 26th & 27th; and Coastal Andhra Pradesh & Yanam on 21st and during 24th-27th September.

Strong surface winds (speed reaching 30-40 kmph) very likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during next 5 days.

West India:

Light to moderate rain/thunderstorm at many/some places with **isolated heavy rainfall** likely over Madhya Maharashtra during next 7 days except on 24th; Konkan & Goa on 22nd & during 25th -27th; Marathwada on 22nd & 23rd and Gujarat Region on 22nd & 23rd September.

Fishermen warnings:

Squally wind speed reaching 40-50 kmph gusting to 60 kmph with Rough to Very Rough Sea condition is likely to prevail over north and adjoining central Bay of Bengal and along & off Andhra Pradesh -Odisha-West Bengal coasts during 25th - 27th September.

Fishermen are advised not to venture into north and adjoining central Bay of Bengal and along & off Andhra Pradesh -Odisha-West Bengal coasts during 25th - 27th September.

Fishermen out at sea are advised to return to coast by 24th September.

Main Weather Observations:

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

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Marathwada**: Umarga (dist Dharashiv) 12; Lohara (dist Dharashiv) 7; **Gujarat Region**: Nandod (dist Narmada) 12; Rajpipala (dist Narmada), Bodeli (dist Chhota Udepur) 10 Each; Halol (dist Panchmahal) 9; Vadodara (dist Vadodara) 8; Jambughoda (dist Panchmahal), Jetpur Pavi (dist Chhota Udepur) 7 Each; **Bihar**: Parbatta (dist Khagaria) 12; Itarahi (dist Buxar) 7; **Telangana**: Kothaguda (dist Mahabubabad) 10; Neredcherla (dist Suryapet) 8; Suryapet (dist Suryapet), Shriramsag.pocha (dist Nirmal), Laxmanchanda (dist Nirmal) 7 Each; **Coastal Andhra Pradesh & Yanam**: Jangamaheswarapuram (dist Palnadu), Tiruvuru (dist Ntr District) 9 Each; Nandigama (dist Ntr District), Guntur (dist Guntur), Amaravati (dist Guntur) 7 Each; **North Interior Karnataka**: Bidar PTO (dist Bidar) 8; **West Madhya Pradesh**: Nagda (dist Ujjain), Niwali (dist Barwani) 8 Each; Tirla (dist Dhar), Goharganj (dist Raisen) 7 Each; **East Rajasthan**: Bhopalsagar SR (dist Chittorgarh) 8; Bari-sadri (dist Chittorgarh), Nimbahera (dist Chittorgarh), Mavli (dist Udaipur) 7 Each; **Gangetic West Bengal**: Canning (dist South 24 Parganas) 8; **Konkan & Goa**: Mangaon (dist Raigad), Mhasla (dist Raigad) 7 Each; **Jharkhand**: Palganj (dist Giridih) 7; **Odisha**: Binjharpur (dist Jajpur), Suliapada (dist Mayurbhanj) 7 Each.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heavy to very heavy rain** at isolated places over Bihar, Gujarat Region and Marathwada. **Heavy rain** at isolated places over Gangetic West Bengal, Odisha, Jharkhand, East Rajasthan, West Madhya Pradesh, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Telangana and North Interior Karnataka.

❖ **Minimum Temperature Departures (as on 21-09-2025): markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh and West Madhya Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at many places over East Madhya Pradesh; at isolated places over Sub Himalayan West Bengal & Sikkim, Odisha, West Rajasthan, Gujarat Region and Saurashtra & Kutch. **above normal(1.6°C to 3.0°C)** at many places over Andaman & Nicobar Islands and Nagaland, Manipur, Mizoram & Tripura; at few places over East Rajasthan, Vidarbha and Lakshadweep; at isolated places over Gangetic West Bengal, Jharkhand, Haryana-Chandigarh-Delhi, Punjab, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Madhya Maharashtra, Marathwada and Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over Chhattisgarh and Coastal Andhra Pradesh & Yanam; at most places over Arunachal Pradesh, Uttarakhand, Konkan & Goa, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe. **The lowest minimum temperature** of 18.6°C is reported at DURG (CHHATTISGARH) over the Plains of India.

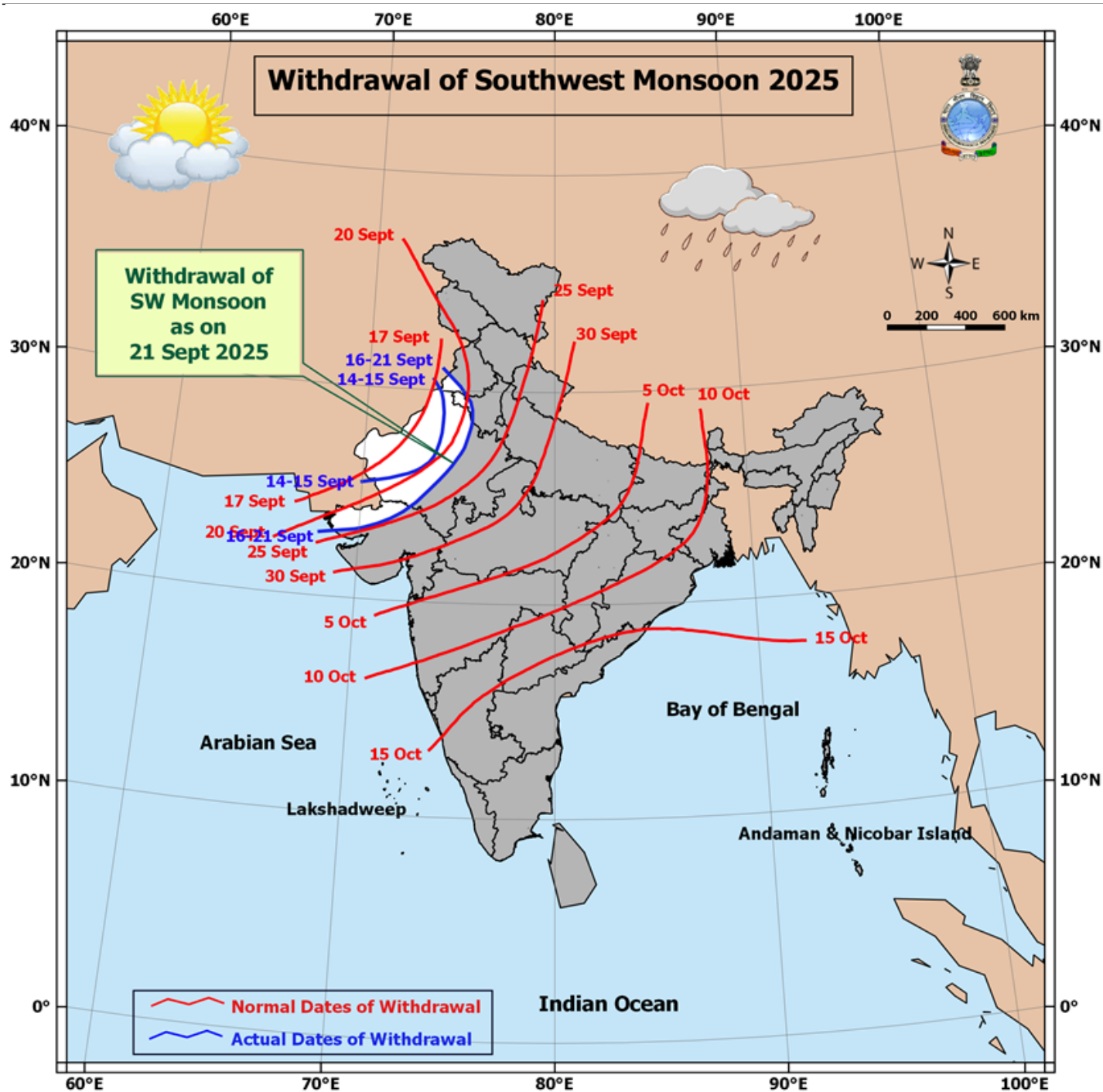
❖ **Maximum Temperature Departures (as on 20-09-2025): appreciably above normal(3.1°C to 5.0°C)** at few places over Chhattisgarh and Coastal Andhra Pradesh & Yanam; at isolated places over Assam & Meghalaya, Gangetic West Bengal, Odisha, Jharkhand, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Vidarbha and Telangana. **above normal(1.6°C to 3.0°C)** at many places over Nagaland, Manipur, Mizoram & Tripura; at few places over Arunachal Pradesh, Uttarakhand, Marathwada and Kerala & Mahe; at isolated places over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Rajasthan, West Madhya Pradesh, Saurashtra & Kutch and Madhya Maharashtra. **near normal(-1.5°C to 1.5°C)** at many places over Gujarat Region; at most places over Haryana-Chandigarh-Delhi, Punjab, East Rajasthan, Konkan & Goa, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka and Lakshadweep; at few places over East Madhya Pradesh, Rayalaseema and Tamil Nadu, Puducherry & Karaikal. **The highest maximum temperature** of 38.9°C is reported at SRIGANGANAGAR (RAJASTHAN).

Meteorological Analysis (Based on 0830 hours IST)

- The **line of withdrawal of southwest monsoon** continues to pass through 31°N/74°E, Bhatinda, Fatehabad, Pilani, Ajmer, Deesa, Bhuj and 23°N/68°E.
- Conditions are becoming favourable for further withdrawal of southwest monsoon from some more parts of Gujarat, Rajasthan, Haryana and Punjab; some parts of Himachal Pradesh, Jammu & Kashmir and Uttar Pradesh during next 24 hours.
- The **upper air cyclonic circulation** over north Andaman Sea & adjoining Myanmar coast lay over northeast Bay of Bengal adjoining Myanmar- south Bangladesh coasts and extending upto 5.8 km above mean sea level. Under its influence, a **low-pressure area** is likely to form over north Bay of Bengal during next 24 hours.
- Another fresh **low pressure area** is likely to form over eastcentral and adjoining north Bay of Bengal around 25th September. Moving west-northwestwards, it is very likely to become a **depression** over northwest & adjoining westcentral Bay of Bengal off South Odisha- North Andhra Pradesh coasts around 26th September. It is very likely to cross South Odisha-North Andhra Pradesh coasts around 27th September.
- The **upper air cyclonic circulation** over northeast Bihar & adjoining Sikkim at 3.1 km above mean sea level persists.
- The **upper air cyclonic circulation** over northeast Assam & neighbourhood at 1.5 km above mean sea level persists.
- The **trough** runs from the **upper air cyclonic circulation** over northeast Bay of Bengal & adjoining Myanmar- south Bangladesh coasts to north Tamil Nadu & adjoining south Andhra Pradesh coasts across central Bay of Bengal between 3.1 & 5.8 km above mean sea level.
- The **Western Disturbance** as a **trough** in middle tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 81°E to the north of Lat. 29°N persists.

Weather Outlook for subsequent 3 days

- Fairly widespread to widespread rainfall likely over Islands, Northeast and Eastern parts of India.
- Isolated to scattered rainfall likely over the central, west and South Penninsular India.
- Dry weather likely over the most parts of the North west India.

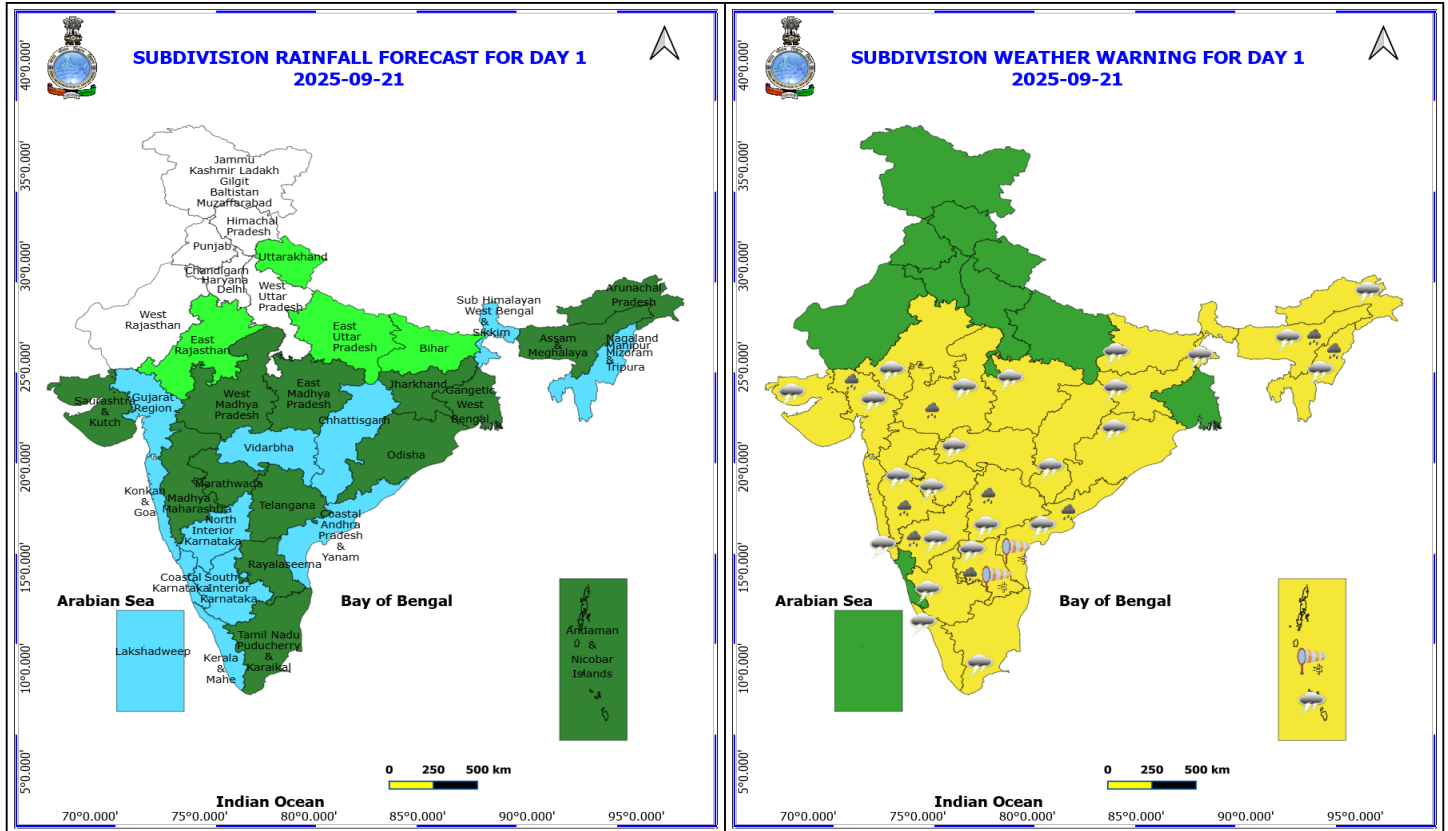


*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

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21 September (Day 1)

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

Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail over some parts of southwest & few parts of westcentral Arabian Sea, along and off Somalia & south Oman coasts.

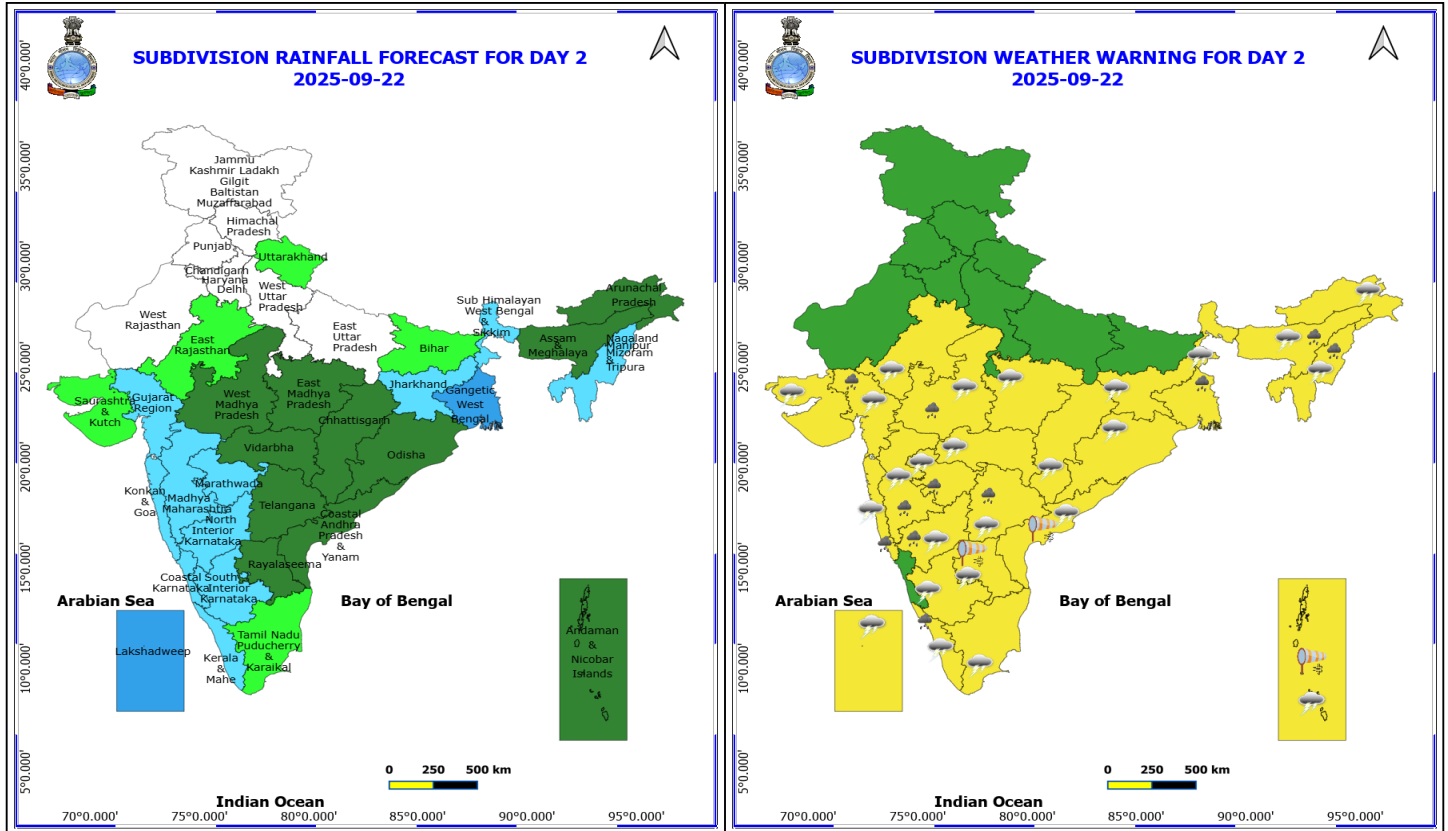
Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail over Gulf of Mannar & adjoining Comorin area, over some parts of north Bay of Bengal, most parts of south Bay of Bengal, along and off Sri Lanka coast and over Andaman Sea.

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22 September (Day 2)

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

Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail over some parts of southwest & westcentral Arabian Sea, along and off Somalia coast.

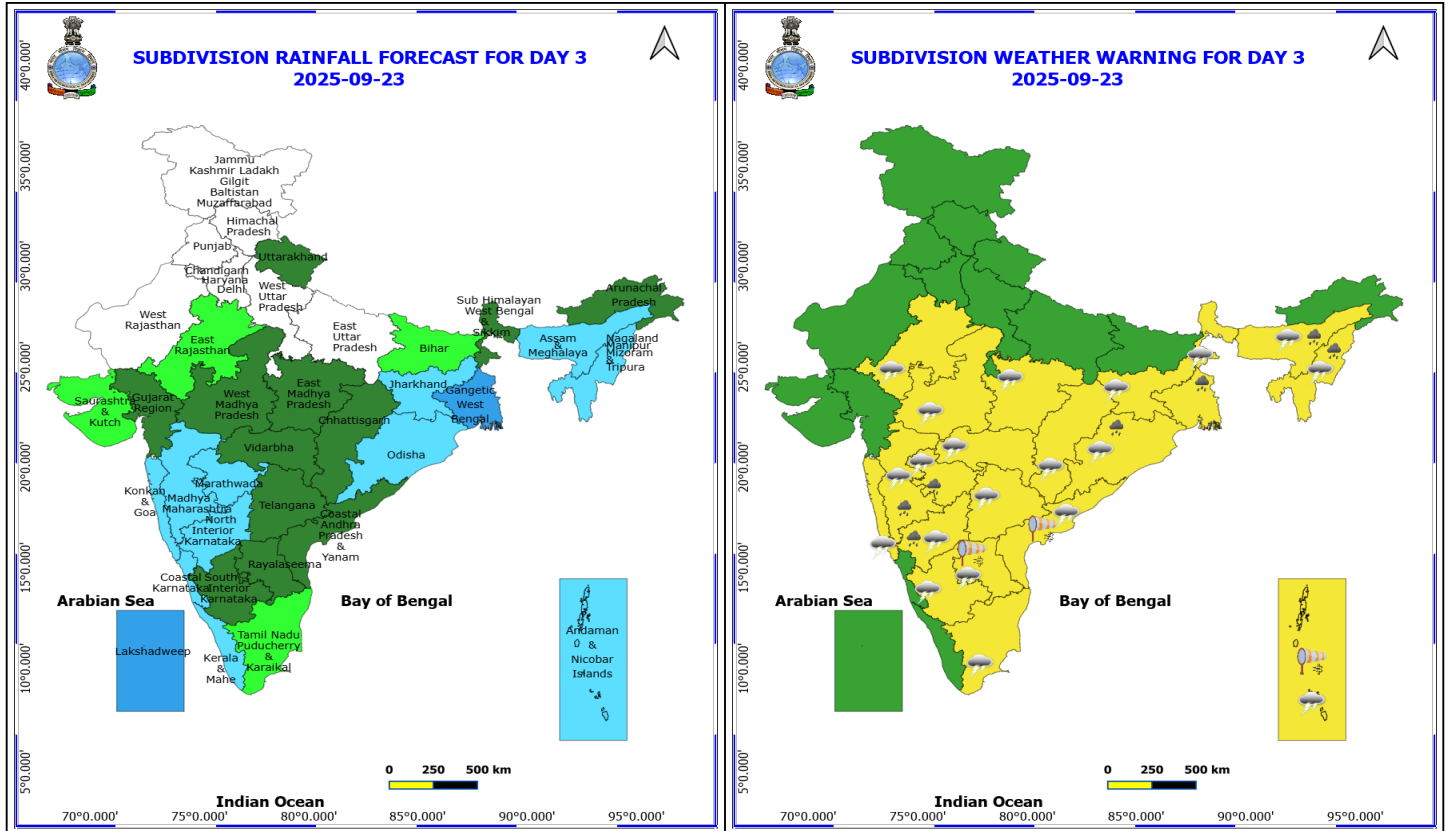
Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail over Gulf of Mannar & adjoining Comorin area, over most parts of south Bay of Bengal & adjoining parts of central Bay of Bengal, along and off Sri Lanka coast and over Andaman Sea.

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23 September (Day 3)

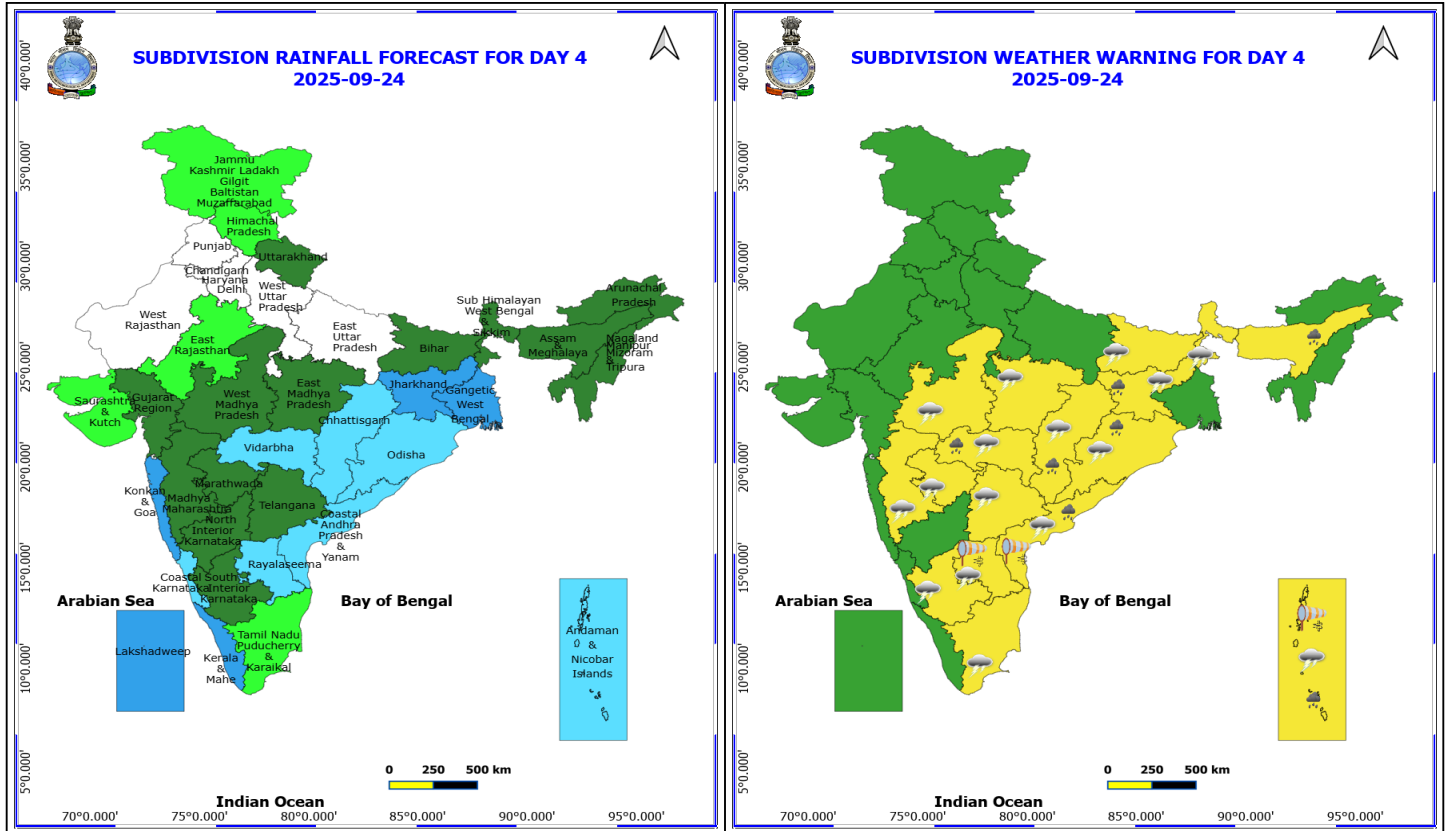
- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Gangetic West Bengal, Madhya Maharashtra, Marathwada, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka and Odisha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands and Coastal Andhra Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Jharkhand, North Interior Karnataka, Odisha, Rayalaseema, Sub Himalayan West Bengal & Sikkim and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, East Rajasthan, Konkan & Goa, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Strong Surface Winds** very likely at isolated places over Andaman & Nicobar Islands and Andhra Pradesh.
 - Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail over some parts of southwest & westcentral Arabian Sea, along and off Somalia coast.
 - Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail over Gulf of Mannar & adjoining Comorin area, over most parts of south Bay of Bengal & adjoining parts of central Bay of Bengal, along and off Sri Lanka coast and over Andaman Sea.

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24 September (Day 4)

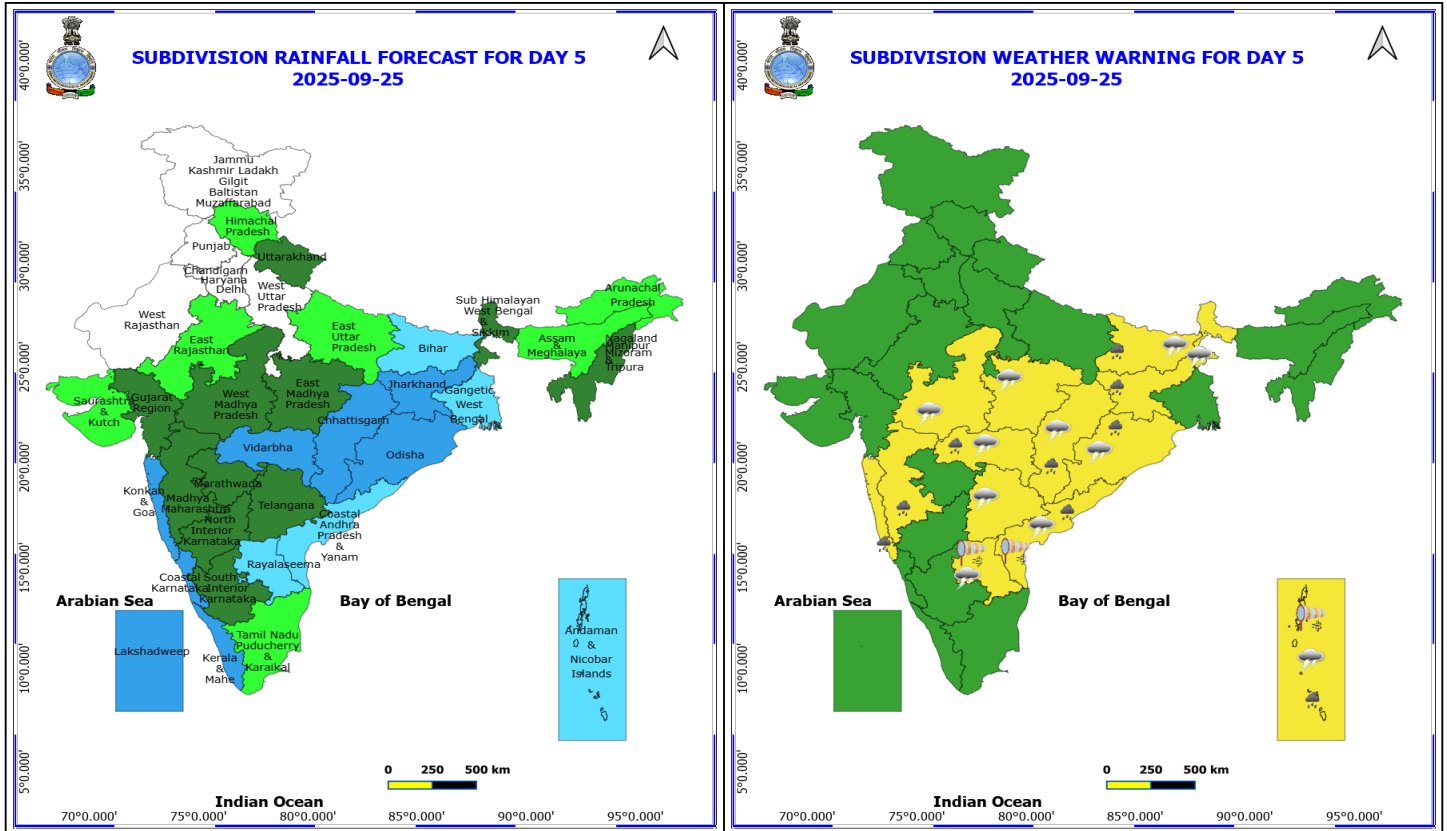
- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, Jharkhand, Odisha and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands and Coastal Andhra Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Jharkhand, Odisha, Rayalaseema, Sub Himalayan West Bengal & Sikkim and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Chhattisgarh, Madhya Pradesh, Maharashtra, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Strong Surface Winds** likely at isolated places over Andaman & Nicobar Islands and Andhra Pradesh.
 - Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail over some parts of southwest Arabian Sea, along and off Somalia coast.
 - Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail over Gulf of Mannar & adjoining Comorin area, over many parts of south Bay of Bengal, over entire central Bay of Bengal and adjoining parts of north Bay of Bengal, along and off Sri Lanka coast and over Andaman Sea, along and off Andhra Pradesh, Tamil Nadu and Odisha coasts.
 - Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph likely to prevail over Andaman Sea, many parts of central & south Bay of Bengal.

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25 September (Day 5)

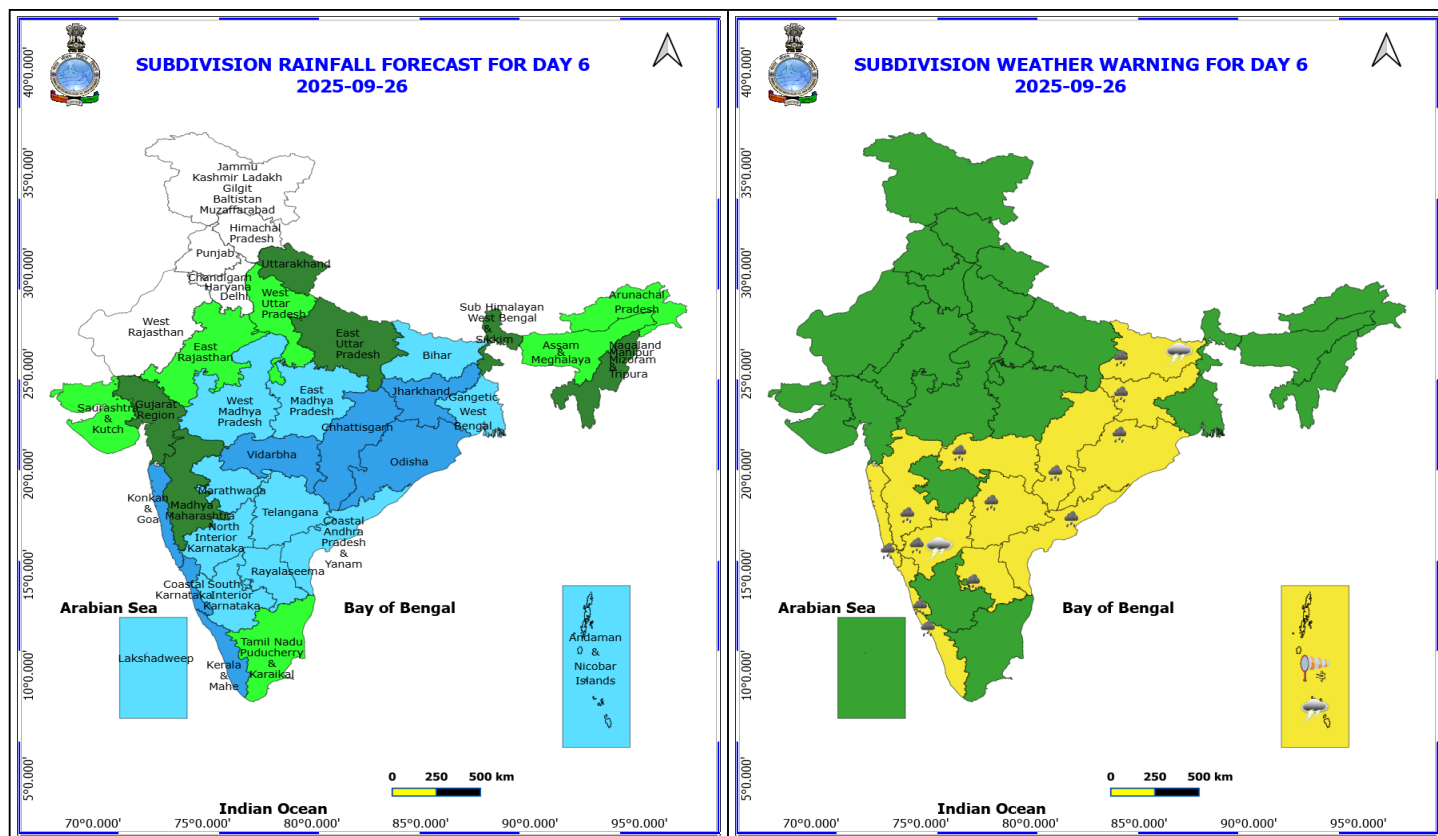
- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Bihar, Chhattisgarh, Coastal Andhra Pradesh, Jharkhand, Konkan & Goa, Madhya Maharashtra, Odisha and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands and Coastal Andhra Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Odisha, Rayalaseema, Sub Himalayan West Bengal & Sikkim and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Chhattisgarh, Madhya Pradesh and Vidarbha.
- ❖ **Strong Surface Winds** likely at isolated places over Andaman & Nicobar Islands and Andhra Pradesh.
 - Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail over some parts of southwest Arabian Sea, along and off Somalia coast.
 - Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail over Gulf of Mannar & adjoining Comorin area, over many parts of south Bay of Bengal, over entire central Bay of Bengal, over most parts of north Bay of Bengal, along and off Sri Lanka coast and over Andaman Sea, along and off Andhra Pradesh, Tamil Nadu, Odisha, West Bengal, Bangladesh, Myanmar coasts.
 - Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph likely to prevail over Andaman Sea, many parts of central & south Bay of Bengal.

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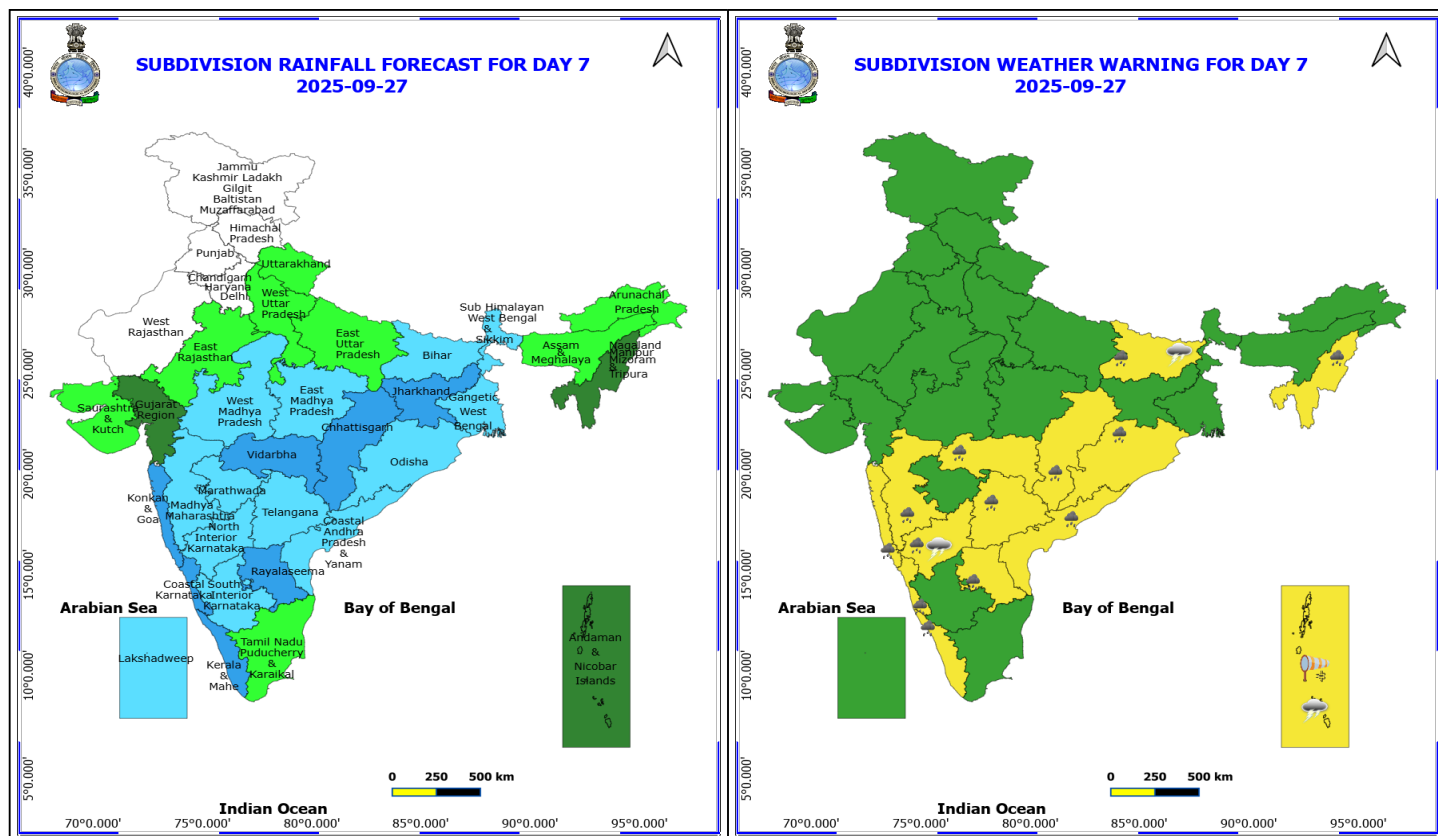
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26 September (Day 6)

- ❖ **Heavy Rainfall** likely at isolated places over Andhra Pradesh, Bihar, Chhattisgarh, Coastal Karnataka, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, North Interior Karnataka, Odisha, Telangana and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and North Interior Karnataka.
- ❖ **Strong Surface Winds** likely at isolated places over Andaman & Nicobar Islands.

No Fishermen Warning



27 September (Day 7)

- ❖ **Heavy Rainfall** likely at isolated places over Andhra Pradesh, Bihar, Chhattisgarh, Coastal Karnataka, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka, Odisha, Telangana and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and North Interior Karnataka.
- ❖ **Strong Surface Winds** likely at isolated places over Andaman & Nicobar Islands.

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	SCT	SCT	FWS	FWS	FWS	FWS	SCT
2	ARUNACHAL PRADESH	SCT	SCT	SCT	SCT	ISOL	ISOL	ISOL
3	ASSAM & MEHGHALAYA	SCT	SCT	FWS	SCT	ISOL	ISOL	ISOL
4	N. M. M. & T.	FWS	FWS	FWS	SCT	SCT	SCT	SCT
5	S.H. WEST BENGAL & SIKKIM	FWS	FWS	SCT	SCT	SCT	SCT	FWS
6	GANGETIC WEST BENGAL	SCT	WS	WS	WS	FWS	FWS	FWS
7	ODISHA	SCT	SCT	FWS	FWS	WS	WS	FWS
8	JHARKHAND	SCT	FWS	FWS	WS	WS	WS	WS
9	BIHAR	ISOL	ISOL	ISOL	SCT	FWS	FWS	FWS
10	EAST UTTAR PRADESH	ISOL	DRY	DRY	DRY	ISOL	SCT	ISOL
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
12	UTTARAKHAND	ISOL	ISOL	SCT	SCT	SCT	SCT	ISOL
13	HARYANA, CHD & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	DRY	DRY	DRY	ISOL	ISOL	DRY	DRY
16	JAMMU AND KASHMIR AND LADAKH	DRY	DRY	DRY	ISOL	DRY	DRY	DRY
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
19	WEST MADHYA PRADESH	SCT	SCT	SCT	SCT	SCT	FWS	FWS
20	EAST MADHYA PRADESH	SCT	SCT	SCT	SCT	SCT	FWS	FWS
21	GUJRAT REGION	FWS	FWS	SCT	SCT	SCT	SCT	SCT
22	SAURASHTRA & KUTCH	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
23	KONKAN & GOA	FWS	FWS	FWS	WS	WS	WS	WS
24	MADHYA MAHARASHTRA	SCT	FWS	FWS	SCT	SCT	SCT	FWS
25	MARATHWADA	SCT	FWS	FWS	SCT	SCT	FWS	FWS
26	VIDARBHA	FWS	SCT	SCT	FWS	WS	WS	WS
27	CHATTISGARH	FWS	SCT	SCT	FWS	WS	WS	WS
28	COASTAL ANDHRA PRADESH	FWS	SCT	SCT	FWS	FWS	FWS	FWS
29	TELANGANA	SCT	SCT	SCT	SCT	SCT	FWS	FWS
30	RAYALASEEMA	SCT	SCT	SCT	FWS	FWS	FWS	WS
31	TAMILNADU & PUDUCHERRY	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	FWS	FWS	FWS	FWS	WS	WS	WS
33	NORTH INTERIOR KARNATAKA	FWS	FWS	FWS	SCT	SCT	FWS	FWS
34	SOUTH INTERIOR KARNATAKA	FWS	FWS	SCT	SCT	SCT	FWS	FWS
35	KERALA	FWS	FWS	FWS	WS	WS	WS	WS
36	LAKSHDWEAP	FWS	WS	WS	WS	WS	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 2025-09-21

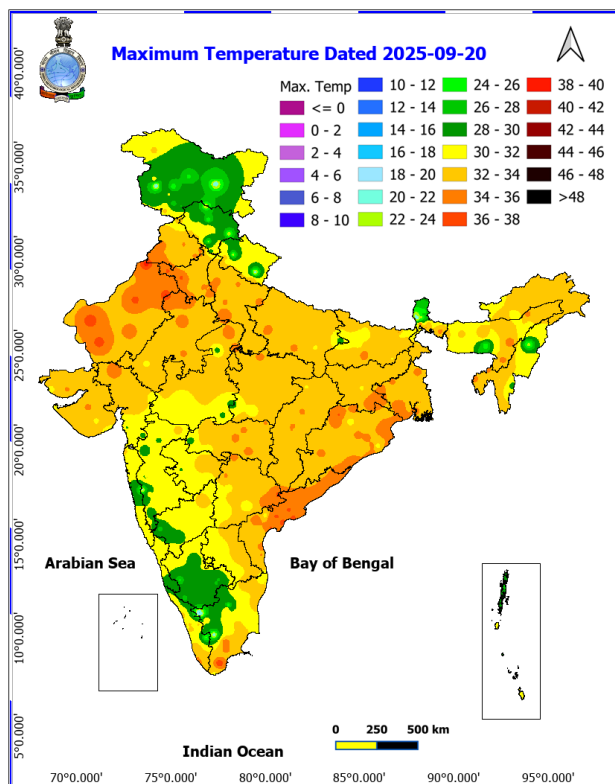


Fig. 2: Departure of Maximum Temp. Dated 2025-09-21

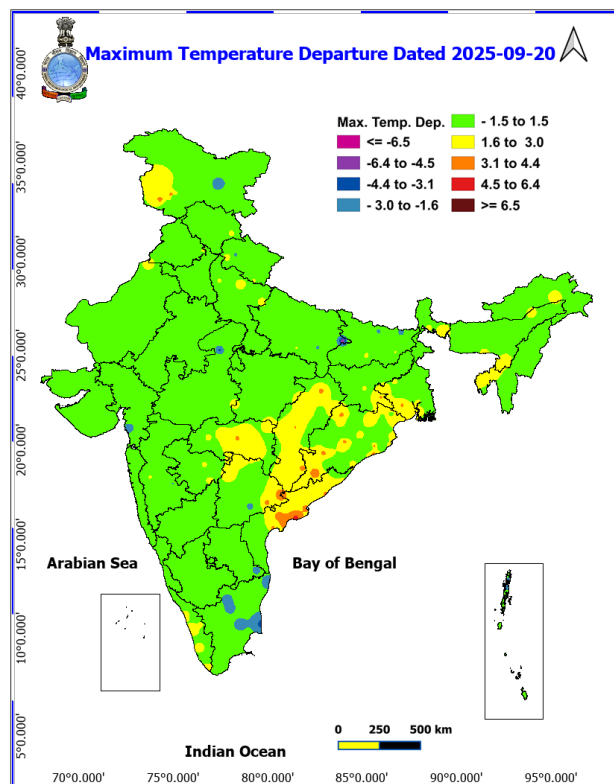


Fig. 3: Minimum Temperatures Dated 2025-09-21

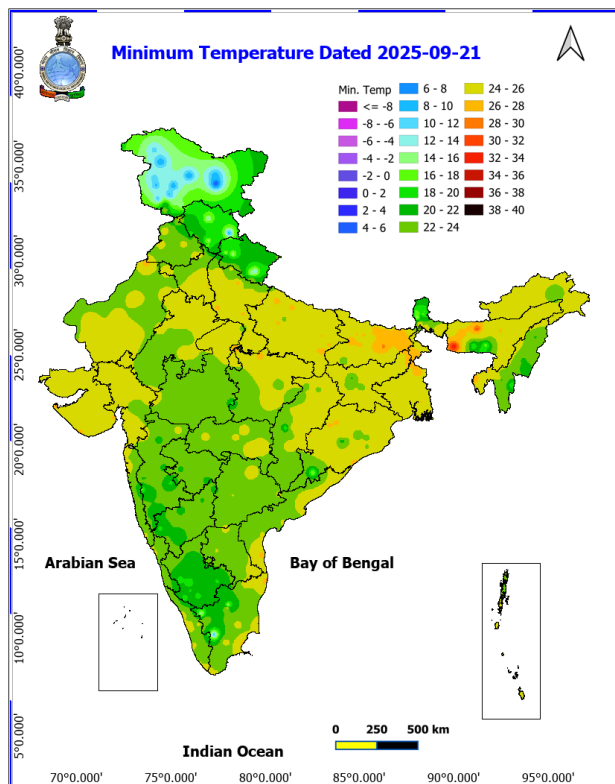
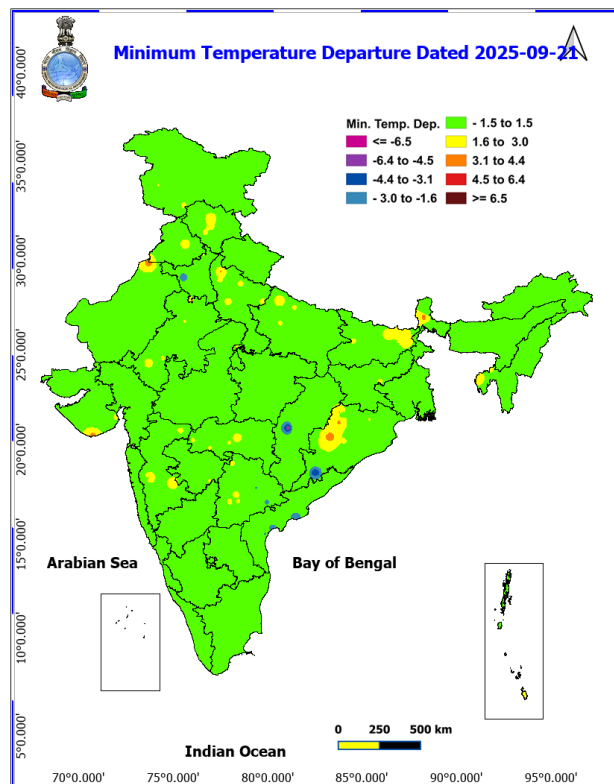
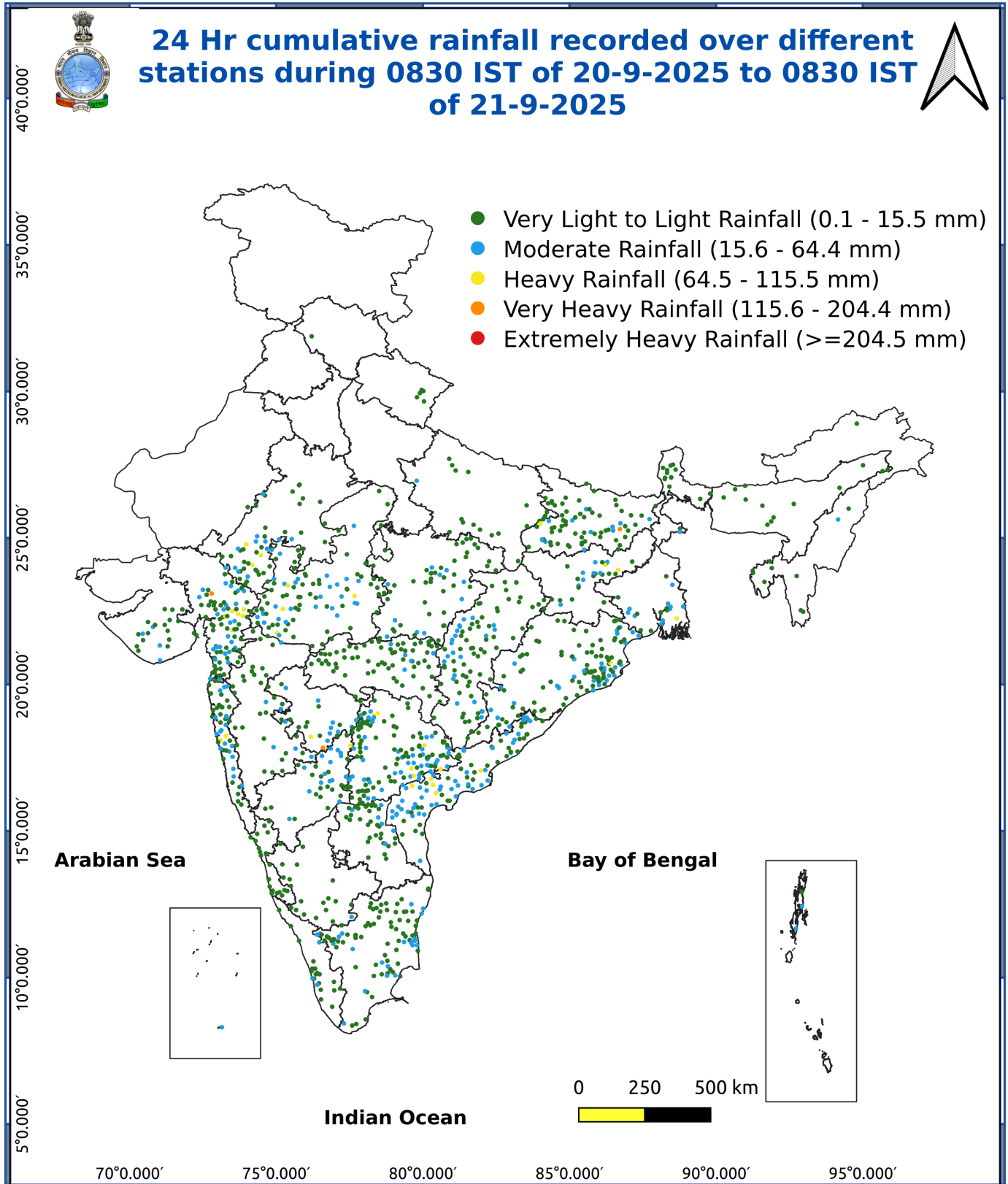


Fig. 4: Departure of Minimum Temp. Dated 2025-09-21





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Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy Rainfall

(Based on the IBF and advisories issued by different AMFUs)

In **Gangetic West Bengal**, ensure proper drainage in winter vegetable fields and betel vine gardens in **Coastal Saline Zone** and rice and vegetable fields in **Laterite and Red Soil Zone**.

In **West Madhya Pradesh**, harvest matured soybean crop and provide adequate drainage facilities in fields of soybean, cotton and vegetables in **Nimar Valley Zone**. In **Jhabua Hill zone**, harvest matured vegetables such as tomato, okra, chilli, brinjal, capsicum, cluster beans, cucumber etc. and ensure proper drainage in fields of soybean, maize, cotton, black gram and vegetables.

In **Maharashtra**, undertake harvesting of matured crops of groundnut and sorghum and keep the harvested produce at safer places and make provision to drain out excess rain water from fields of cotton, pigeon pea, soybean, maize, vegetables and fruit orchards in **Madhya Maharashtra**. In **Marathwada**, keep the harvested produce of black gram at safer places and provide adequate drainage facilities in fields of soybean, cotton, pigeon pea, vegetables and fruit orchards. In **Konkan**, ensure proper drainage in fields of rice, vegetables and fruit orchards.

In **Gujarat**, make arrangements to drain out excess rain water from fields of castor, cotton, pigeon pea and fruit orchards (banana and mango) in **South Gujarat Zone** and pearl millet, pigeon pea, cotton, soybean, maize, castor and vegetables in **Middle Gujarat Zone**.

In **Assam**, ensure proper drainage to drain out excess water from fields of rice, sugarcane, green gram, black gram, sesame, vegetables and fruit orchards in **Hill Zone** and rice, black gram and green gram in **Barak Valley Zone**.

In **Meghalaya**, ensure proper field drainage system in rice fields to prevent water stagnation. Avoid standing water above 5 cm in rice fields during flowering stage.

In **Manipur**, undertake harvesting of matured pods of soybean and groundnut and store at safer places. Avoid waterlogging in fields of rice, soybean, groundnut, black gram and ginger.

In **Mizoram**, undertake harvesting of matured cobs of maize and matured upland *Jhum* rice and keep the harvested produce in safe place.

In **Nagaland**, continue harvesting of sesame and *Jhum* rice and keep harvested produce at safer places. Maintain proper drainage in fields of rice and soybean.

In **Telangana**, make provision to drain out excess rain water from fields of rice, cotton, soybean, maize and pigeon pea in **Southern Telangana Zone**.

Livestock / Fishery

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

Store feed and fodder in a safe place to prevent spoilage.

Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds / Squally 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.

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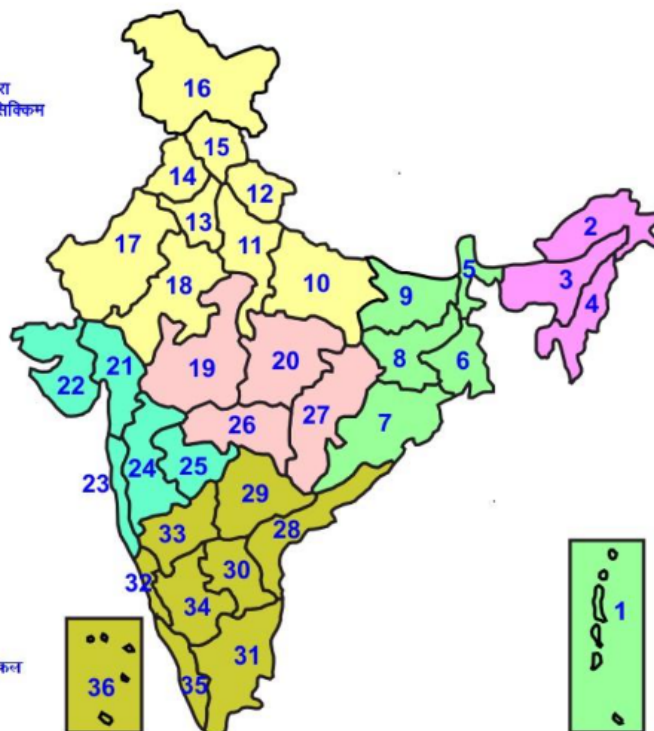
Legends & abbreviations:

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, Konkan & Goa, Madhya Maharashtra and Marathawada.
- **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

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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