

2025-09-12

Time of Issue: 19:39:00 hours IST
(Night)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather forecast and warning:

Northeast India:

Light/moderate rain/thunderstorm at most/many places with isolated **heavy rainfall** likely over Arunachal Pradesh during 12th-18th; Assam & Meghalaya on 17th and Nagaland, Manipur, Mizoram & Tripura during 12th-17th September with **very heavy falls over Assam & Meghalaya during 12th-16th and Nagaland, Manipur, Mizoram & Tripura during 12th-15th; Arunachal Pradesh during 13th -15th September.**

South Peninsular India:

Light to moderate rain/thunderstorm & gusty winds (speed 30-40 kmph) at many/some places with isolated **heavy rainfall** likely over Tamil Nadu on 12th, 16th & 17th; Coastal Karnataka on 13th & during 15th-18th; North Interior Karnataka during 12th-14th; South Interior Karnataka on 12th, 15th & 16th; Coastal Andhra Pradesh & Yanam, Rayalaseema on 12th & 13th; Telangana during 12th-15th September with **very heavy falls over Coastal Andhra Pradesh & Yanam on 12th and Telangana on 12th & 13th September.**

Strong surface winds (speed reaching 30-50 kmph) very likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during next 5 days.

East & Central India:

Light to moderate rain/thunderstorm at most/many places with isolated **heavy rainfall** likely over East Madhya Pradesh, Vidarbha & Chhattisgarh during 12th-14th; West Madhya Pradesh on 14th & 15th; Andaman & Nicobar Islands on 16th & 17th; Sub-Himalayan West Bengal & Sikkim during 12th-18th; Bihar during 12th-16th; Jharkhand on 15th & 16th; Odisha on 12th & 13th September with isolated **very heavy falls over Odisha on 12th; Bihar on 13th and Sub-Himalayan West Bengal & Sikkim on 13th & 14th September.**

West India:

Light to moderate rain/thunderstorm at some/isolated places with **isolated heavy rainfall** likely over Madhya Maharashtra & Marathwada during 12th-15th; Konkan & Goa during 12th-18th; Gujarat Region during 14th-16th September with **very heavy falls over Marathwada on 13th; Konkan & Goa and Madhya Maharashtra on 14th & 15th September.**

Northwest India:

Light to moderate rain/thunderstorm at some/isolated places with **isolated heavy rainfall** likely over Himachal Pradesh on 13th & 14th; Uttarakhand during 12th-16th; Haryana, Chandigarh on 13th; West Uttar Pradesh on 12th; East Uttar Pradesh during 15th-17th and Punjab on 17th & 18th September with **very heavy falls over Uttarakhand on 12th & 13th September.**

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Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST to 1730 hours IST of today): **at most places** over Nagaland, Manipur, Mizoram & Tripura and Vidarbha; **at many places** over Odisha, West Uttar Pradesh, Assam & Meghalaya, Sub-himalayan West Bengal & Sikkim, Gangetic West Bengal, Jharkhand, Bihar, Uttarakhand, Himachal Pradesh, Jammu & Kashmir and Ladakh, East Uttar Pradesh, West Madhya Pradesh, Coastal Andhra Pradesh & Yanam, Chhattisgarh, Marathwada, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Telangana, East Madhya Pradesh, Rayalaseema, Tamilnadu Puducherry & Karaikal, Coastal Karnataka and North Interior Karnataka; **Dry** over rest of the country.

❖ **Significant rainfall recorded (in cm)** (from 0830 hours IST to 1730 hours IST of today): **Odisha**: Rayagada-obs (dist Rayagada) 4, Jharsuguda (dist Jharsuguda), Koraput (dist Koraput), Chhatrapur (dist Ganjam) 2 Each; **Coastal Andhra Pradesh & Yanam**: Kalingapatnam (dist Srikakulam) 4; **Marathwada**: Parbhani (dist Parbhani) 2; **Vidarbha**: Chandrapur (chanda) (dist Chandrapur), Gadchiroli (dist Gadchiroli) 2 Each.

❖ **Minimum Temperature Departures (as on 12-09-2025)**: **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 few places over Sub Himalayan West Bengal & Sikkim and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Gangetic West Bengal, Uttarakhand and Saurashtra & Kutch. **above normal(1.6°C to 3.0°C)** at many places over Nagaland, Manipur, Mizoram & Tripura; at few places over Lakshadweep; at isolated places over Odisha, Haryana-Chandigarh-Delhi, Punjab, Gujarat Region, Konkan & Goa, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and South Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Chhattisgarh; at most places over Andaman & Nicobar Islands, Arunachal Pradesh, Jharkhand, West Rajasthan, East Rajasthan, Marathwada, Vidarbha, Rayalaseema, Coastal Karnataka, North Interior Karnataka and Kerala & Mahe; at few places over Telangana. **The lowest minimum temperature** of 18.0°C is reported at HALFLONG (ASSAM) over the Plains of India.

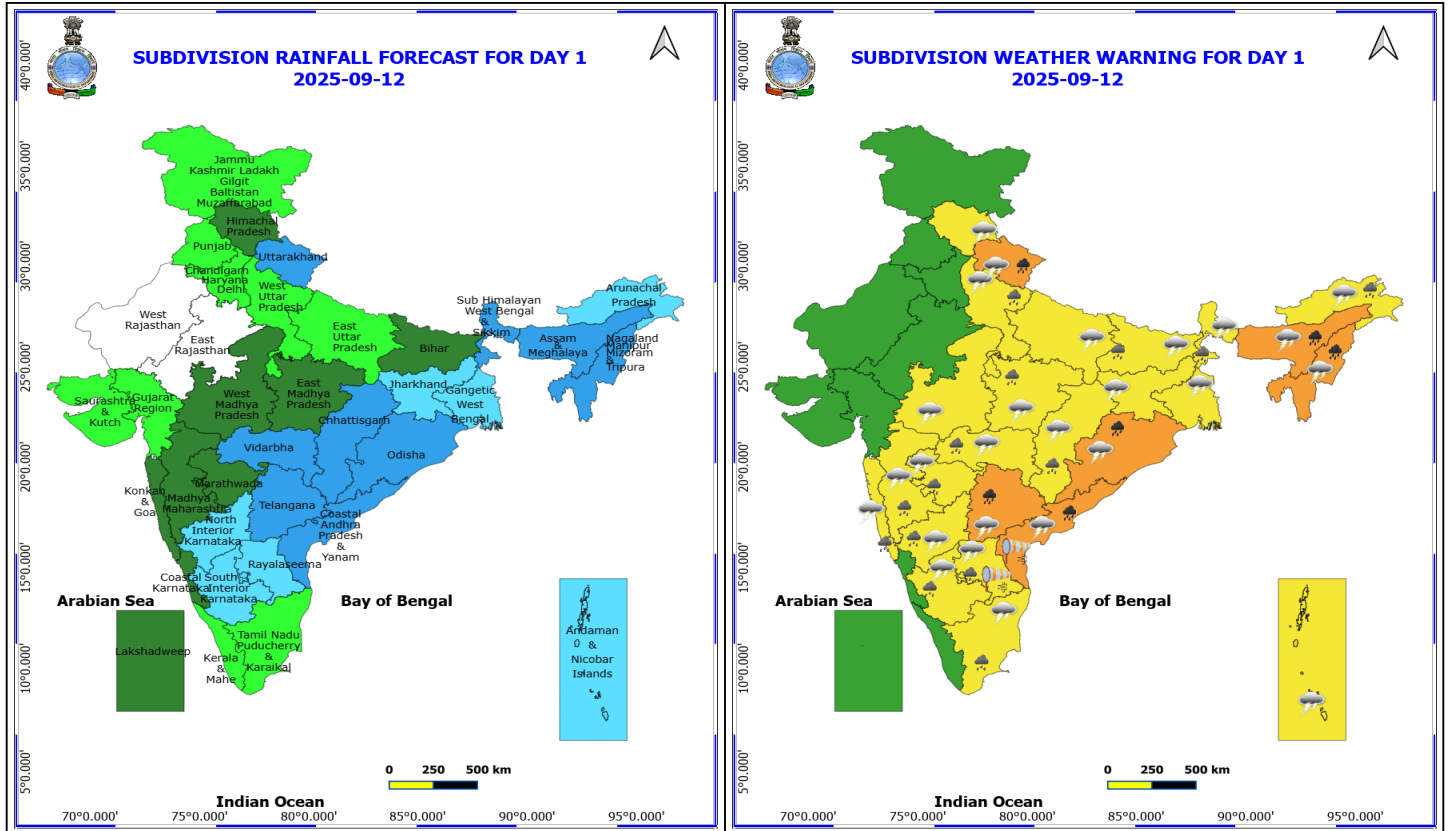
❖ **Maximum Temperature Departures (as on 12-09-2025)**: **markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya and Odisha. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Bihar, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Chhattisgarh, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **above normal(1.6°C to 3.0°C)** at few places over Arunachal Pradesh, Jharkhand, East Uttar Pradesh, East Madhya Pradesh and Lakshadweep; at isolated places over East Rajasthan, West Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Vidarbha and Rayalaseema. **near normal(-1.5°C to 1.5°C)** at many places over Nagaland, Manipur, Mizoram & Tripura and Gujarat Region; at most places over Andaman & Nicobar Islands, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, West Rajasthan, Saurashtra & Kutch, Coastal Karnataka and South Interior Karnataka; at few places over Uttarakhand and Marathwada; at isolated places over Coastal Andhra Pradesh & Yanam and North Interior Karnataka. **The highest maximum temperature** of 37.8°C is reported at PALAYAMKOTTAI (TAMIL NADU).

Meteorological Analysis (Based on 1730 hours IST)

- Conditions are becoming favourable for withdrawal of Southwest Monsoon from some parts of West Rajasthan around from 15th September.
- The **low pressure area** over west central & adjoining northwest Bay of Bengal off north Andhra Pradesh and south Odisha coast persisted at 1730 hrs IST of today, the 12th September, 2025. The associated **upper air cyclonic circulation** extended up to 5.8 km above mean sea level tilting southward with height. It is likely to move west-northwestwards across south Odisha and adjoining north Andhra Pradesh and south Chhattisgarh during next 2 days.
- The **monsoon trough** at mean sea level now passes through Amritsar, Muzaffarnagar, Hardoi, Sidhi, Jagdalpur and centre of **low pressure area** over west central & adjoining northwest Bay of Bengal off north Andhra Pradesh and south Odisha.
- The **trough** from **upper air cyclonic circulation** associated with **low pressure area** over west central & adjoining northwest Bay of Bengal off north Andhra Pradesh and south Odisha coast to south Maharashtra across Chhattisgarh, Vidarbha between 3.1 & 5.8 km above mean sea level persists.
- The **cyclonic circulation** over northwest Arabian Sea extending upto 5.8 km above mean sea level persists.
- The **western disturbance** as a **cyclonic circulation** over Himachal Pradesh & neighbourhood at 5.8 km above mean sea level persists.
- The **upper air cyclonic circulation** over north Haryana & neighbourhood at 0.9 km above mean sea level persists.
- The **upper air cyclonic circulation** over northeast Jharkhand & neighbourhood at 0.9 km above mean sea level persists.
- The **upper air cyclonic circulation** over Tripura & neighbourhood at 1.5 km above mean sea level persists.

Weather Outlook for subsequent 3 days

- Scattered to fairly widespread rainfall likely over Western India.
- Isolated to scattered rainfall likely over the rest parts of the country.



12 September (Day 1)

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

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

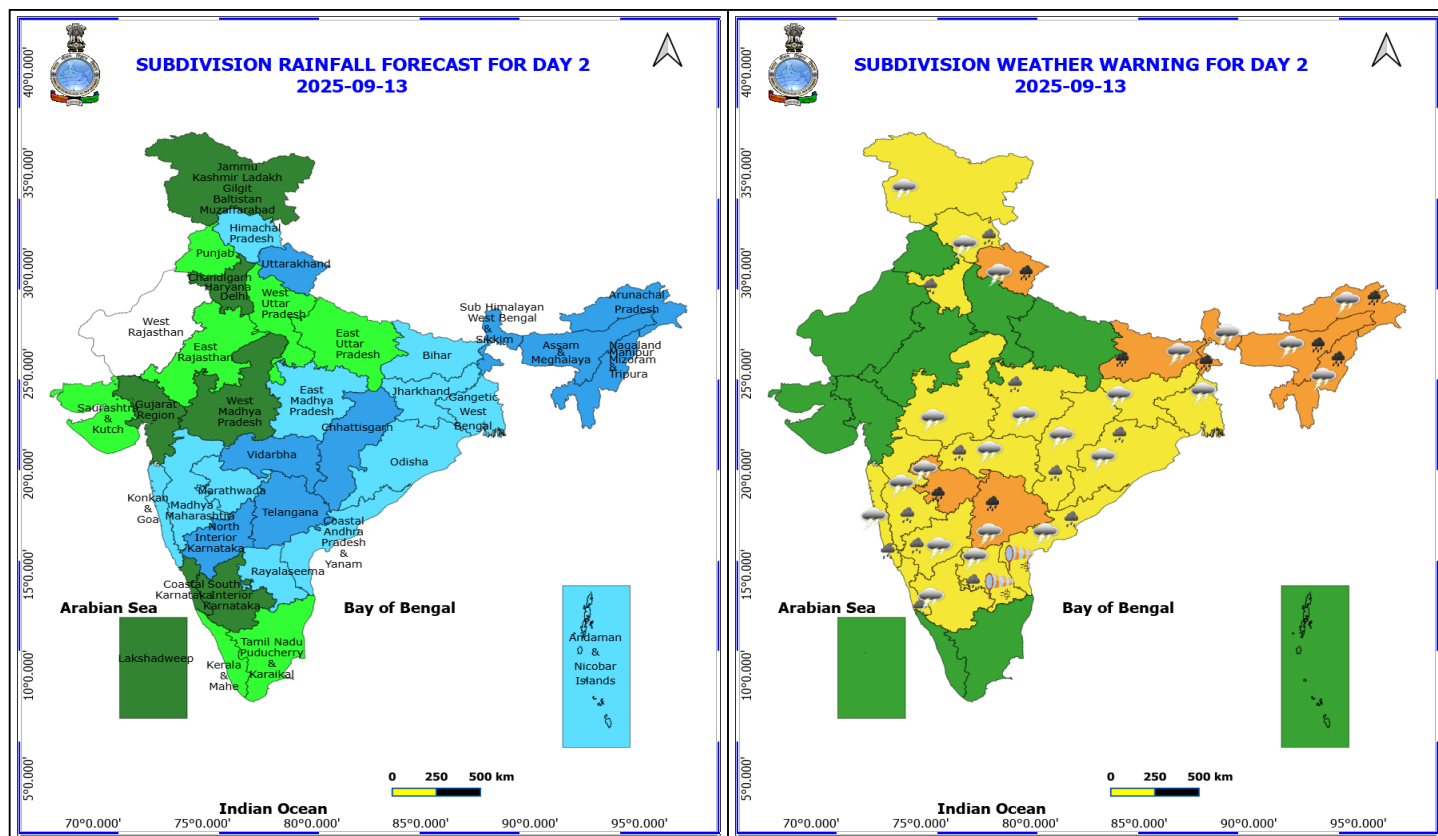
Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail over along & off south Odisha, Andhra Pradesh coasts, westcentral adjoining northwest Bay of Bengal, Gulf of Mannar & adjoining Comorin area; along and off south Sri Lanka coast, over some parts of southwest Bay of Bengal.

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13 September (Day 2)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim, Telangana and Uttarakhand.
- ❖ **Heavy Rainfall** very likely at isolated places over Andhra Pradesh, Chhattisgarh, Coastal Karnataka, East Madhya Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, North Interior Karnataka, Odisha and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andhra Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, Telangana and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Himachal Pradesh, Konkan & Goa, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh.

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

Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail over along & off Andhra Pradesh off north Tamil Nadu coast, westcentral adjoining northwest Bay of Bengal, Gulf of Mannar & adjoining

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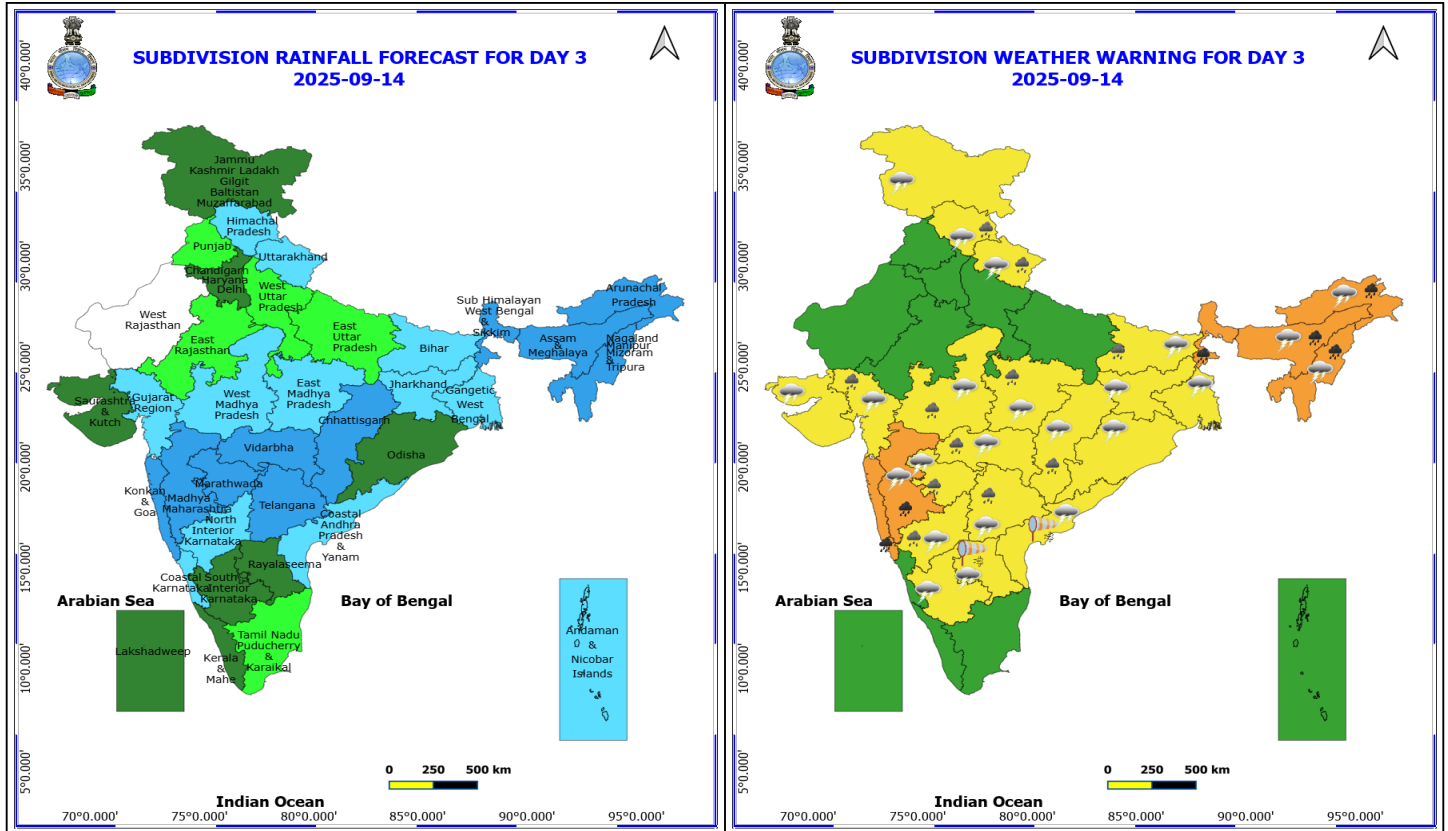
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Comorin area; along and off south Sri Lanka coast, over some parts of southwest Bay of Bengal.



14 September (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura and Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** very likely at isolated places over Bihar, Chhattisgarh, Gujarat Region, Himachal Pradesh, Madhya Pradesh, Marathwada, North Interior Karnataka, Telangana, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Bihar, Gangetic West Bengal, Gujarat Region, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Himachal Pradesh, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Saurashtra & Kutch and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh.

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

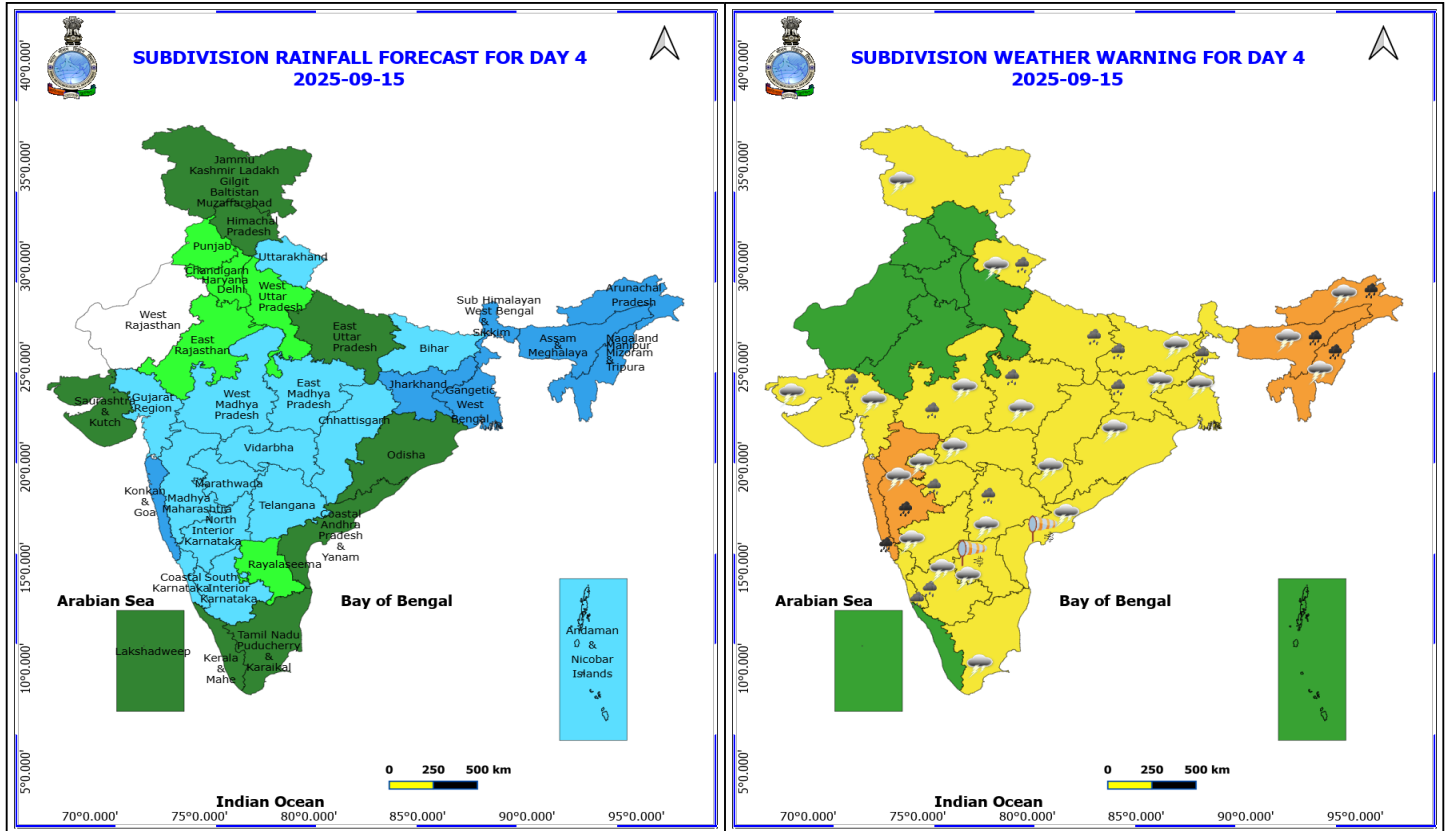
Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail over along & off Konkan & Goa coasts, Gulf of Mannar & adjoining Comorin area; along and off south Sri Lanka coast & adjoining some parts of southwest Bay of Bengal.

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15 September (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Konkan & Goa, Madhya Maharashtra and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Coastal Karnataka, East Uttar Pradesh, Gujarat Region, Jharkhand, Madhya Pradesh, Marathwada, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andhra Pradesh, Bihar, Gangetic West Bengal, Gujarat Region, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Saurashtra & Kutch and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh.

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

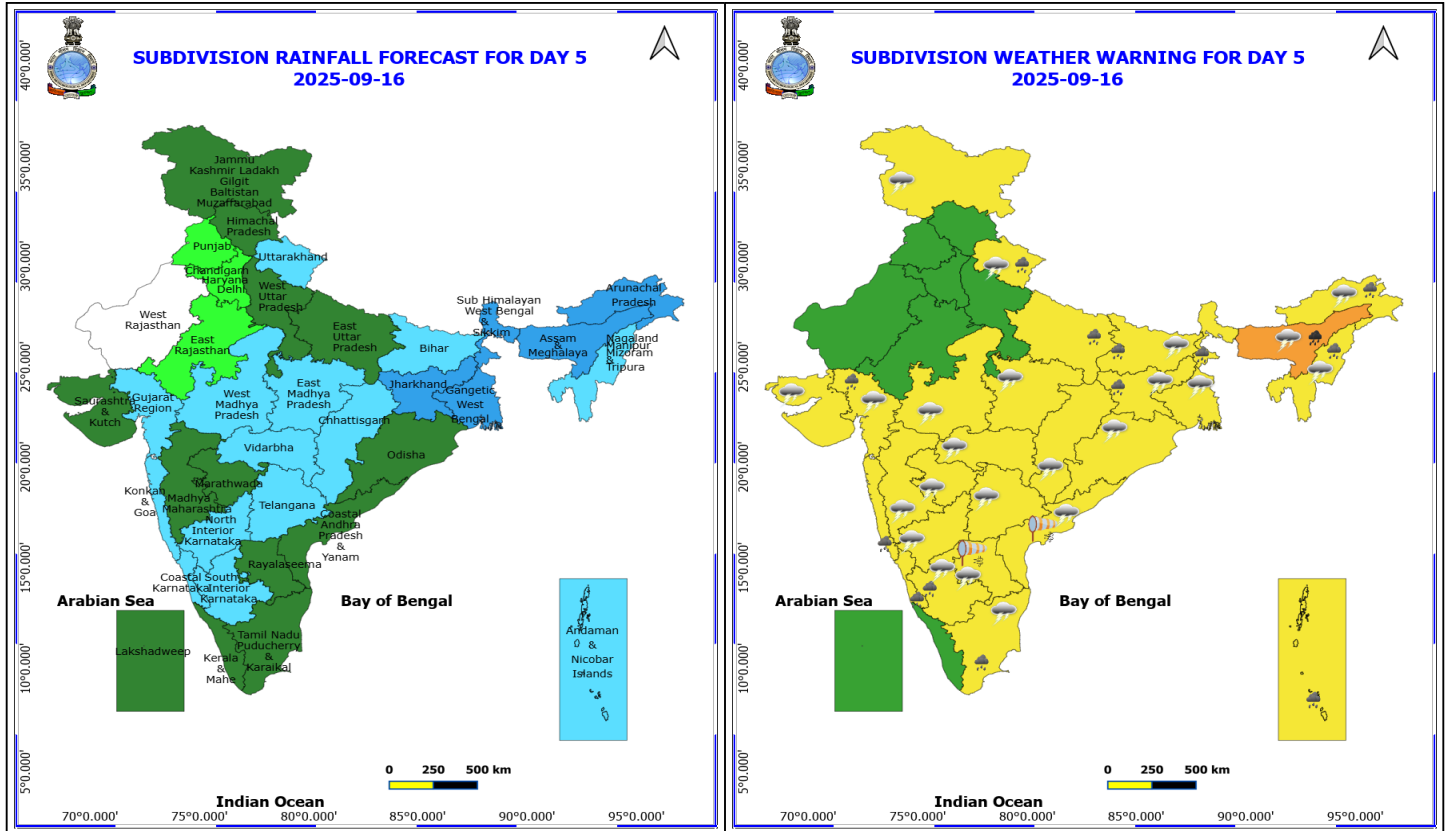
Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph likely to prevail along & off Konkan & Goa coasts, over few parts of east central Arabian sea.

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16 September (Day 5)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Assam & Meghalaya.
- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Bihar, Coastal Karnataka, East Uttar Pradesh, Gujarat Region, Jharkhand, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andhra Pradesh, Bihar, Gangetic West Bengal, Gujarat Region, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Saurashtra & Kutch and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh.

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

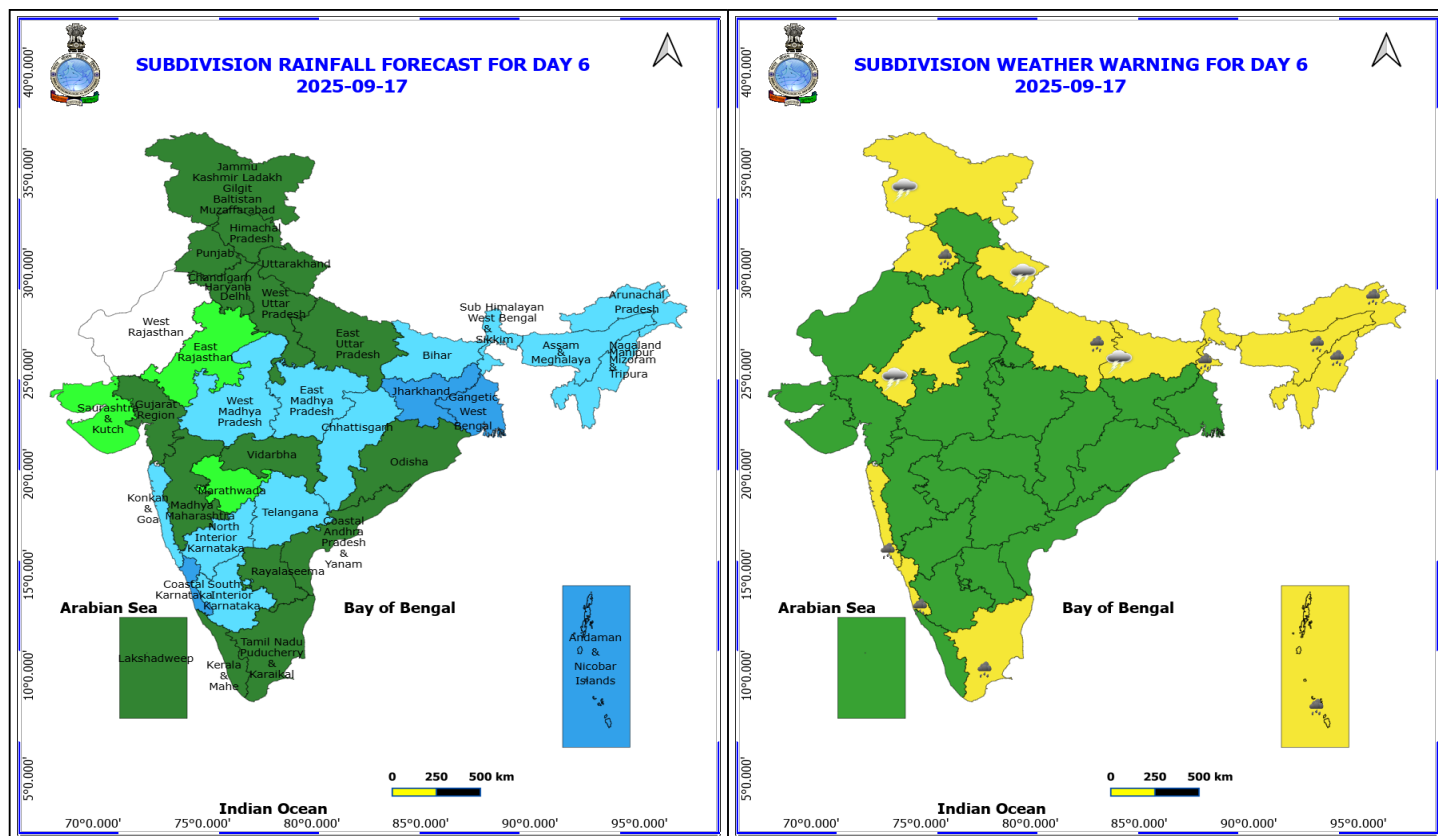
Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph likely to prevail over Gulf of Mannar adjoining Commorin area and along & off south Sri Lanka, adjoining few parts of southwest Bay of Bengal.

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17 September (Day 6)

- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, East Uttar Pradesh, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura, Punjab, Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over East Rajasthan and Uttarakhand.

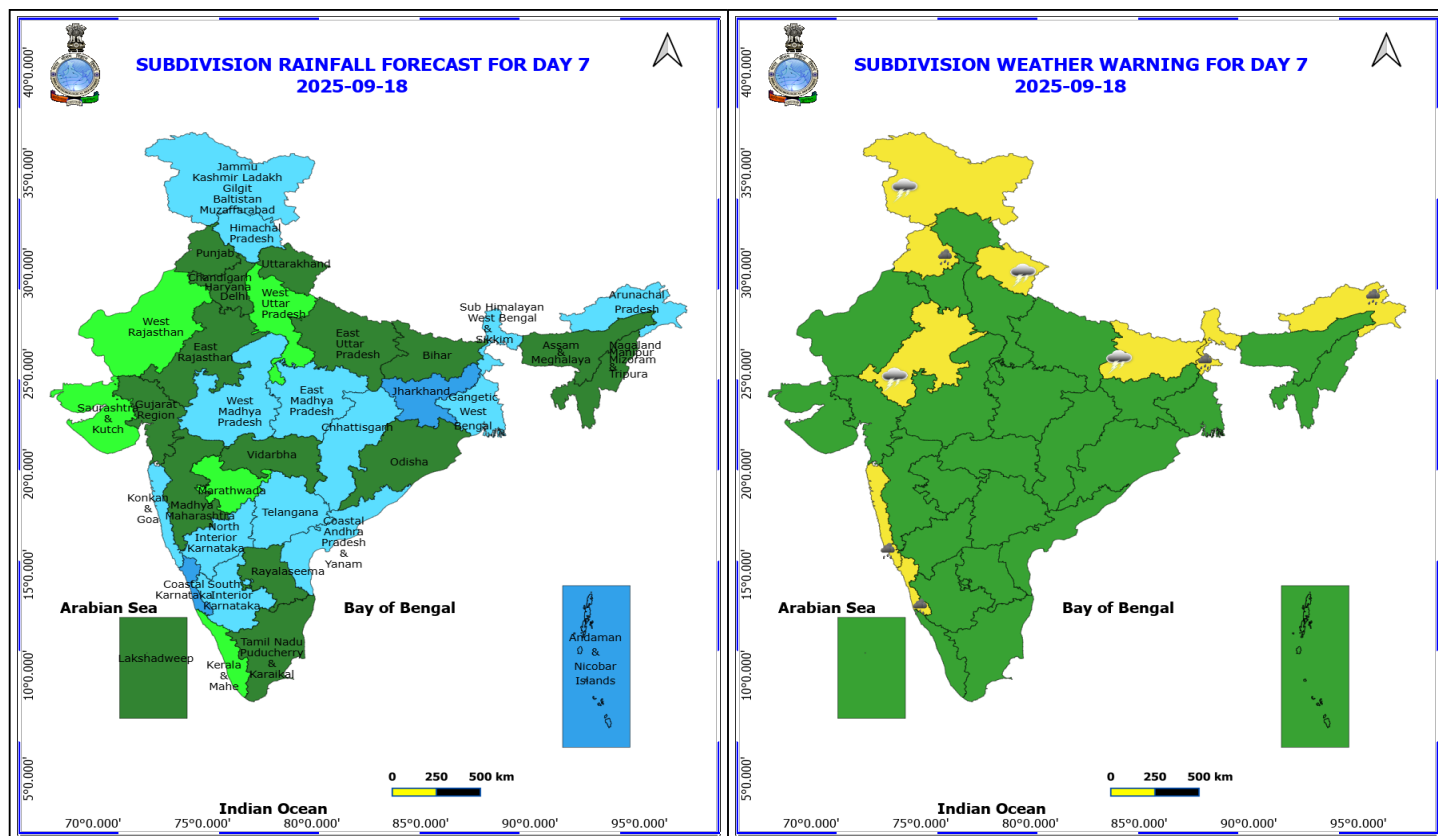
No Fishermen Warning

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18 September (Day 7)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Coastal Karnataka, Konkan & Goa, Punjab and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over East Rajasthan and Uttarakhand.

No Fishermen Warning

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Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 13-09-2025 :

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

Assam & Meghalaya - Cachar, Karbi Analog, Kokrajhar, N.C Hills, Karimganj, East Khasi Hills, Ri Bhoi, South Garo Hills, West Khasi Hills and Jaintia Hills districts.

Nagaland Mizoram Manipur Tripura (NMMT) –

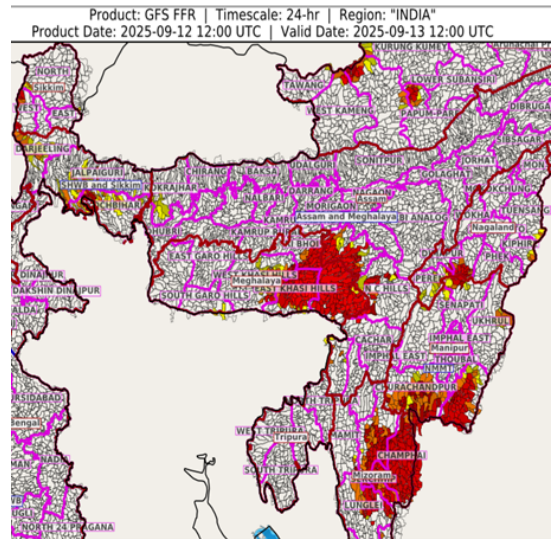
Manipur- Chandel, Churachandpur, Tamenglong, Ukhrul,

Mizoram- Aizawl, Champhai, Lunglei, Mamit, Serchhip,

Nagaland- Dimapur, Kiphire, Kohima, Peren and Tuensang districts.

Sub-Himalayan West Bengal & Sikkim - North Sikkim, West Sikkim, Darjeeling, Jalpaiguri and Kochbihar districts.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.



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Table-1

7 Days Rainfall Forecast

S.No.	Subdivision	12-Sep	13-Sep	14-Sep	15-Sep	16-Sep	17-Sep	18-Sep
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	FWS	FWS	FWS	FWS	FWS	WS	WS
2	ARUNACHAL PRADESH	FWS	WS	WS	WS	WS	FWS	FWS
3	ASSAM & MEHGHALAYA	WS	WS	WS	WS	WS	FWS	SCT
4	N. M. M. & T.	WS	WS	WS	WS	FWS	FWS	SCT
5	S.H. WEST BENGAL & SIKKIM	WS	WS	WS	WS	WS	FWS	FWS
6	GANGETIC WEST BENGAL	FWS	FWS	FWS	WS	WS	WS	FWS
7	ODISHA	WS	FWS	SCT	SCT	SCT	SCT	SCT
8	JHARKHAND	FWS	FWS	FWS	WS	WS	WS	WS
9	BIHAR	SCT	FWS	FWS	FWS	FWS	FWS	SCT
10	EAST UTTAR PRADESH	ISOL	ISOL	ISOL	SCT	SCT	SCT	SCT
11	WEST UTTAR PRADESH	ISOL	ISOL	ISOL	ISOL	SCT	SCT	ISOL
12	UTTARAKHAND	WS	WS	FWS	FWS	FWS	SCT	SCT
13	HARYANA, CHD & DELHI	ISOL	SCT	SCT	ISOL	ISOL	SCT	SCT
14	PUNJAB	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	SCT
15	HIMACHAL PRADESH	SCT	FWS	FWS	SCT	SCT	SCT	FWS
16	JAMMU AND KASHMIR AND LADAKH	ISOL	SCT	SCT	SCT	SCT	SCT	FWS
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	ISOL
18	EAST RAJASTHAN	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	SCT
19	WEST MADHYA PRADESH	SCT	SCT	FWS	FWS	FWS	FWS	FWS
20	EAST MADHYA PRADESH	SCT	FWS	FWS	FWS	FWS	FWS	FWS
21	GUJRAT REGION	ISOL	SCT	FWS	FWS	FWS	SCT	SCT
22	SAURASHTRA & KUTCH	ISOL	ISOL	SCT	SCT	SCT	ISOL	ISOL
23	KONKAN & GOA	SCT	FWS	WS	WS	FWS	FWS	FWS
24	MADHYA MAHARASHTRA	SCT	FWS	WS	FWS	SCT	SCT	SCT
25	MARATHWADA	SCT	FWS	WS	FWS	SCT	ISOL	ISOL
26	VIDARBHA	WS	WS	WS	FWS	FWS	SCT	SCT
27	CHATTISGARH	WS	WS	WS	FWS	FWS	FWS	FWS
28	COASTAL ANDHRA PRADESH	WS	FWS	FWS	SCT	SCT	SCT	FWS
29	TELANGANA	WS	WS	WS	FWS	FWS	FWS	FWS
30	RAYALASEEMA	FWS	FWS	SCT	ISOL	SCT	SCT	SCT
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	SCT	SCT	SCT	SCT
32	COSTAL KARNATAKA	SCT	SCT	FWS	FWS	FWS	WS	WS
33	NORTH INTERIOR KARNATAKA	FWS	WS	FWS	FWS	FWS	FWS	FWS
34	SOUTH INTERIOR KARNATAKA	FWS	SCT	SCT	FWS	FWS	FWS	FWS
35	KERALA	ISOL	ISOL	SCT	SCT	SCT	SCT	ISOL
36	LAKSHDWEEP	SCT	SCT	SCT	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 2025-09-12

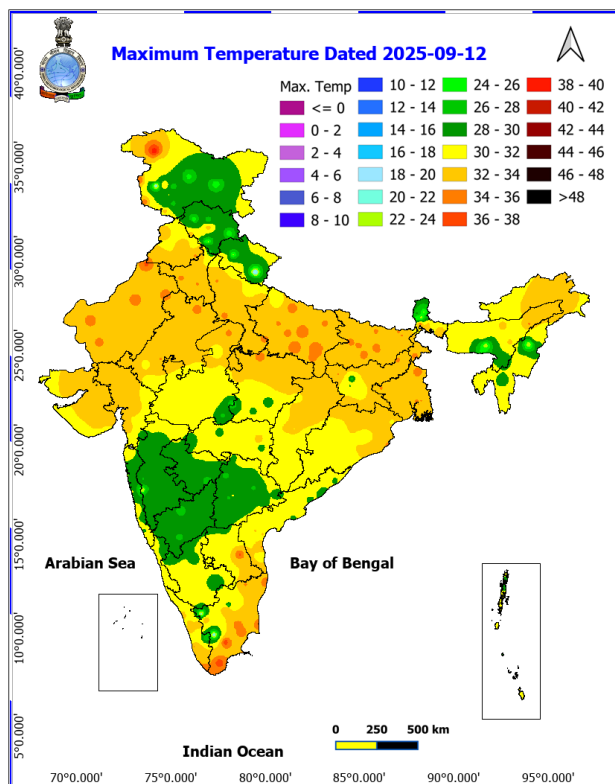


Fig. 2: Departure of Maximum Temp. Dated 2025-09-12

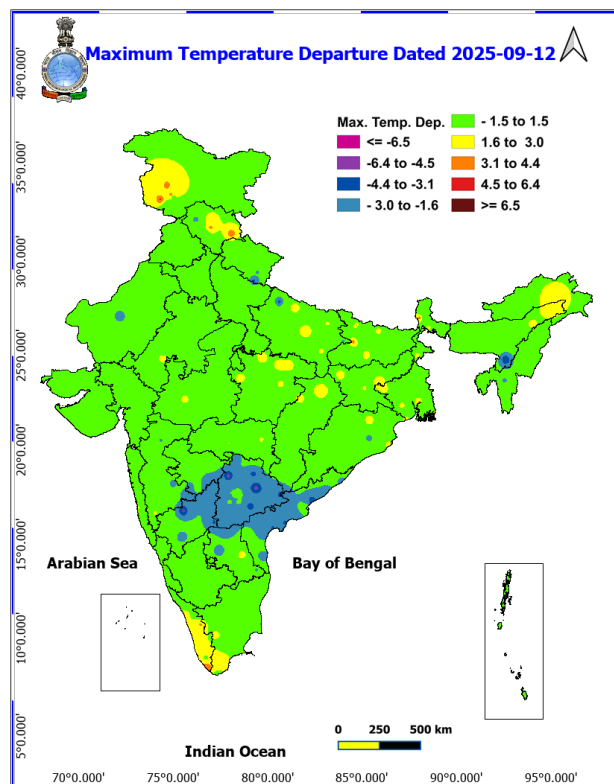


Fig. 3: Minimum Temperatures Dated 2025-09-12

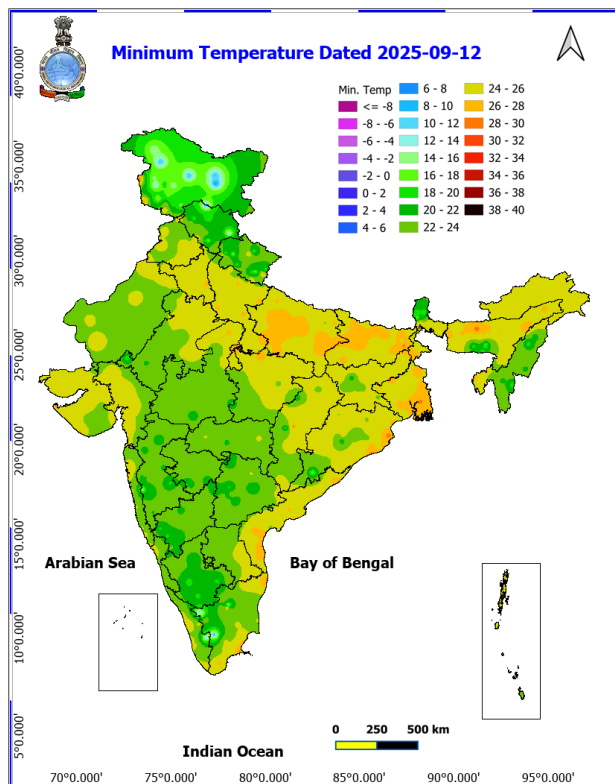
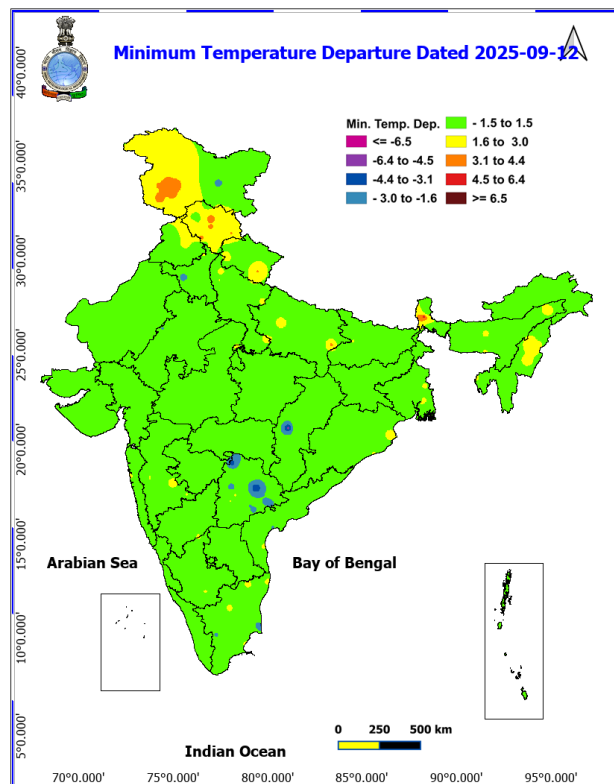
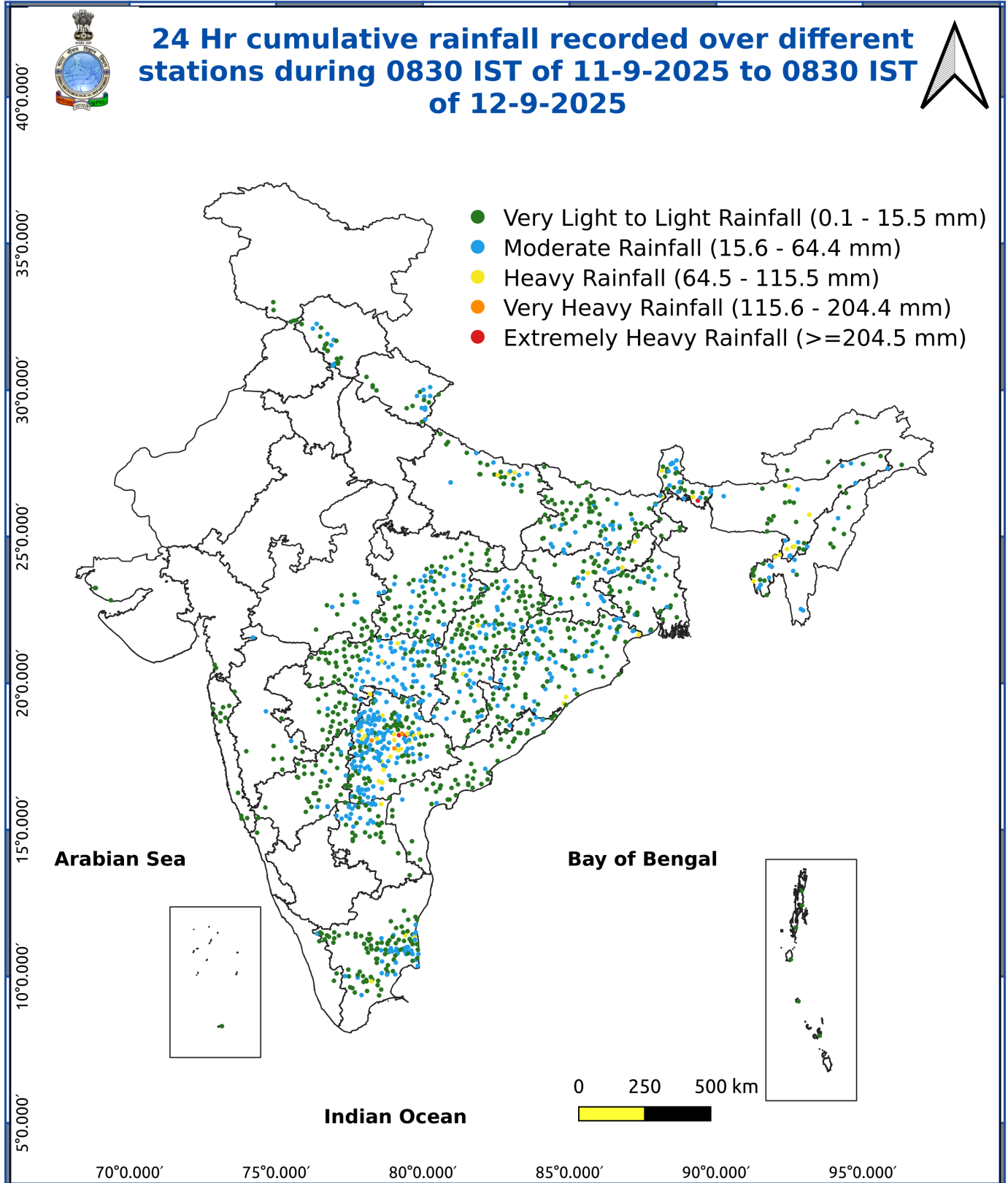


Fig. 4: Departure of Minimum Temp. Dated 2025-09-12





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Impact & Action Suggested due to

Heavy to very heavy rainfall (12-20 cm) at isolated places over Odisha, Coastal Andhra Pradesh & Yanam on 12th; Uttarakhand, Telangana on 12th & 13th; Assam & Meghalaya during 12th-16th; Nagaland, Manipur, Mizoram & Tripura during 12th-15th; Arunachal Pradesh during 13th -15th; Bihar, Marathwada on 13th; Sub-Himalayan West Bengal & Sikkim on 13th & 14th; Konkan & Goa and Madhya Maharashtra on 14th & 15th September.

Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

Action Suggested

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy / Heavy to Very Heavy Rainfall

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

In **Uttarakhand**, maintain proper drainage channels in sugarcane, black gram, green gram, soybean and maize fields in **Bhabar and Tarai Zone**; green gram, barnyard millet and finger millet in **Sub Humid Sub Tropic Zone**. In **Hill zone**, ensure proper drainage in finger millets, horse gram, and red gram in **Hill Zone** and Keep the harvested produce of crops and vegetables at safer places.

In **Arunachal Pradesh**, immediately harvest matured crops of *Jhum* rice, finger millet, soybean and matured bunches of banana and shift to properly covered shelter. Maintain proper drainage in standing crops like rice, soybean, finger millet and vegetables to avoid water stagnation.

In **Assam**: In **Lower Brahmaputra Valley Zone**, ensure proper drainage system in *Sali* rice fields and nursery bed of vegetables. Cover the nursery bed with thin polythin to avoid the damages due to heavy rainfall. In **Barak Valley Zone**, postpone the sowing of green gram and black gram and provide adequate drainage facilities in fields of rice, vegetables and already sown green gram and black gram.

In **Meghalaya**, maintain proper drainage in ginger and vegetable fields and fruit orchards. Provide support to banana plants to prevent lodging. Maintain a thin layer of 2-3 cm stagnant water in rice fields after transplanting.

In **Nagaland**, undertake harvesting of matured *Jhum* rice, pods of sesame and Naga King chilli and store the harvested produce in safe places. Maintain 3-5cm stagnate water in rice fields.

In **Mizoram**, undertake harvesting of matured cobs of maize.

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In **Manipur**, harvest matured cobs of maize, matured pods of soybean and groundnut and matured grains of finger millet.

In **Sub-Himalayan West Bengal**, make provision to drain out excess water from *aman* paddy and vegetable fields (chilli, bitter gourd, pointed gourd, okra, brinjal etc.) in **Terai Zone** and in the fields of black gram, finger millet, ginger, dalley khorsani, vegetables and fruit orchards in **Hill Zone**.

In **Bihar**, ensure proper drainage to remove excess rainwater from standing crops such as maize, pearl millet and vegetables in **North East Alluvial Zone**.

In **Odisha**, make arrangements for draining out excess water from the field of pulses (pigeon pea, black gram, green gram), maize, groundnut, vegetables (tomato, brinjal, okra, chilli) and banana in **Koraput** and **Malkangiri districts**.

In **Chhattisgarh**, make arrangements to drain out excess water from the fields of rice, minor millets, kharif maize, pulses and oilseed crops in **Bastar Plateau Zone**.

In **Maharashtra**, immediately harvest matured green gram and black gram in **Madhya Maharashtra** and **Marathwada** and matured green gram in **West Vidarbha** and keep the harvested produce at safer places. Make arrangements to drain out excess water from fields of rice, soybean, cotton, vegetables and fruit orchards in **Madhya Maharashtra** and cotton, pigeon pea, soybean, sugarcane, vegetables and fruit orchards in **Marathwada**.

In **Andhra Pradesh**, make arrangements to drain out excess water from fields of rice, finger millet, pigeon pea, sugarcane, coconut and vegetables in **North Coastal Zone** and rice, cotton, groundnut, green gram, black gram, maize and vegetable fields in **High Altitude Tribal Zone**.

In **Telangana**, drain out excess water from fields of rice, cotton, maize, soybean, pigeon pea, turmeric and vegetables in **Northern Telangana Zone** and 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.

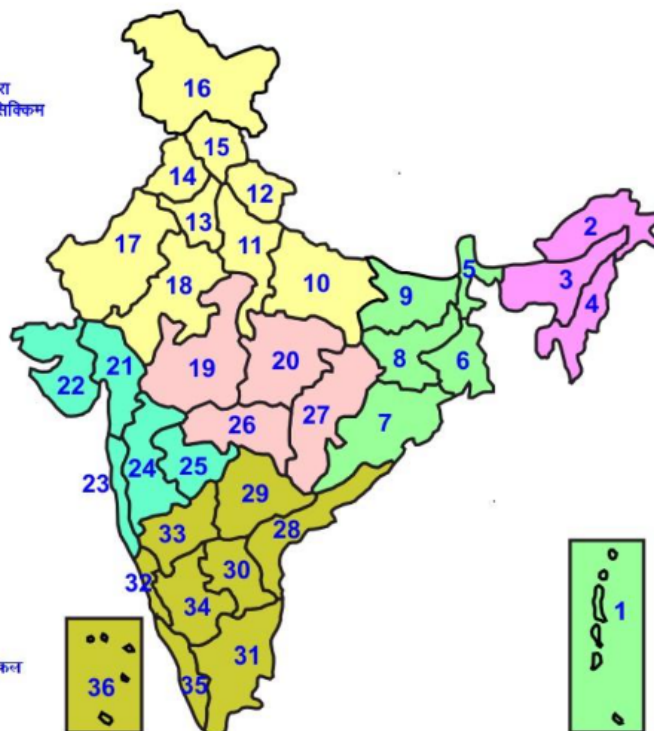
Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

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.

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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