



National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

2025-09-11

Time of Issue: 13:22:00 hours IST

(Mid-Day)

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, Assam & Meghalaya during 11th-17th and Nagaland, Manipur, Mizoram & Tripura during 11th-16th September with **very heavy falls over Nagaland, Manipur, Mizoram & Tripura during 12th-15th; Arunachal Pradesh on 13th & 14th; Assam & Meghalaya during 13th-15th September.**

East & Central India:

Light to moderate rain/thunderstorm at many/some places with isolated **heavy rainfall** likely over Andaman on 11th; Odisha on 11th & 12th; Chhattisgarh during 11th-13th; Sub-Himalayan West Bengal & Sikkim during 11th-17th; Bihar during 11th-15th; Jharkhand on 11th, 15th & 16th; Vidarbha during 12th-14th; Nicobar Islands on 13th; East Madhya Pradesh on 14th & 15th; West Madhya Pradesh during 15th-17th September with isolated **very heavy falls over Bihar on 11th and Sub-Himalayan West Bengal & Sikkim on 13th September.**

West India:

Light to moderate rain/thunderstormat some/isolated places with **isolated heavy rainfall** likely over Madhya Maharashtra during 11th-17th; Marathawada during 11th-14th; Konkan & Goa during 13th-17th; Gujarat Region during 14th-16th September with **very heavy falls over Marathawada on 12th & 13th; Konkan & Goa and Madhya Maharashtra on 13th & 14th September.**

Northwest India:

Light to moderate rain/thunderstorm at some/isolated places with **isolated heavy rainfall** likely over East Uttar Pradesh on 11th,15th & 16th; West Uttar Pradesh on 12th; Himachal Pradesh on 13th & 14th; Uttarakhand during 12th-16th 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 11th & 12th; Coastal Andhra Pradesh & Yanam, Rayalaseema, South Interior Karnataka during 11th-13th; North Interior Karnataka during 11th-15th September.

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



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Main Weather Observations:

- * Rainfall distribution (from 0830 hours IST of yesterday to 0830 hours IST of today): at most places over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, Telangana and Rayalaseema; at many places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Bihar, Vidarbha, Chhattisgarh, North Interior Karnataka and Lakshadweep; at a few places over Arunachal Pradesh, Gangetic West Bengal, Himachal Pradesh, Marathwada, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and South Interior Karnataka; at isolated places over Odisha, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Punjab, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Coastal Karnataka 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): North Interior Karnataka: Kamalapur (dist Kalaburgi) 18; Saidapur (dist Yadgir) 12; Kalaburgi (dist Kalaburgi) 8; Bihar: Chanpatia (dist West Champaran) 16; Sikta (dist West Champaran) 15; Tribeni/Balmikinagar (dist West Champaran) 12; Gopalganj (dist Gopalganj) 10; Piprahi (dist Sheohar), Mahedi/Mehshi (dist East Champaran), Thawe (dist Gopalganj) 8 Each; Marathwada: Kinwat (dist Nanded) 13; Tamil Nadu, Puducherry & Karaikal: Panchapatti (dist Karur), Madurai South (dist Madurai), Tallakulam (dist Madurai) 12 Each; Pullambadi (dist Trichy), Pulipatti (dist Madurai), Ponmalai (dist Trichy), Periyapatti (dist Madurai), Kadavur AWS (dist Karur) 8 Each; Madhya Maharashtra: Sholapur (dist Sholapur) 12; Coastal Andhra Pradesh & Yanam: Guntur (dist Guntur) 10; Tiruvuru (dist Ntr District) 8; Yelamanchili (dist Anakapalli) 7; Rayalaseema: Gudur (dist Kurnool) 10; Kanekal (dist Anantapuramu), Gooty (dist Anantapuramu), Pamidi (dist Anantapuramu), Uravakonda (dist Anantapuramu), Manthralayam (dist Kurnool) 9 Each; Rajampet (dist Annamayya District), Gudur (dist Tirupati), Raptadu (dist Anantapuramu) 8 Each; Nandyal (dist Nandyal), Owk (dist Nandyal), Sullurpeta (dist Tirupati), Guntakal (dist Anantapuramu), Peapally (dist Nandyal), Dharmayaram (dist Sri Sathyasai District) 7 Each: South Interior Karnataka: M M Hills (dist Chamarajanagar) 9: Sub Himalayan West Bengal & Sikkim: Amfu Pundibari (dist Cooch Behar) 9; Telangana: Ghattu (dist Jogulamba Gadwal) 9; Mudhole (dist Nirmal), Tadwai Mlg (dist Mulugu) 8 Each; Chandrugonda (dist B. Kothagudem), Gundala (dist B. Kothagudem), Utnur (dist Adilabad), Bhiknur (dist Kamareddy), Sathupalle (dist Khammam), Perur (dist Mulugu) 7 Each; Chhattisgarh: Bijapur (dist Bijapur) 8; Katekalyan (dist Dantewada) 7; Assam & Meghalaya: Bahalpur (dist Dhubri) 8; Tikrikilla (dist West Garo Hills) 7; East Uttar Pradesh: Nichlaul (dist Maharajganj) 7; Nagaland, Manipur, Mizoram & Tripura: Saiha AWS (dist Saiha) 7.
- ♦ 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, Madhya Maharashtra, Marathwada, Tamil Nadu, Puducherry & Karaikal and North Interior Karnataka. Heavy rain at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, East Uttar Pradesh, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema and South Interior Karnataka.
- * Minimum Temperature Departures (as on 11-09-2025): markedly above normal(> 5.1°C) at isolated places over Assam & Meghalaya, 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 Sub Himalayan West Bengal & Sikkim; at isolated places over Gangetic West Bengal, Odisha, Uttarakhand and Haryana-Chandigarh-Delhi. above normal(1.6°C to 3.0°C) at few places over Nagaland, Manipur, Mizoram & Tripura, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Coastal Karnataka and Lakshadweep; at isolated places over Jharkhand, Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Vidarbha, South Interior Karnataka and Kerala & Mahe. near normal(-1.5°C to 1.5°C) at many places over Telangana and Rayalaseema; at most places over Andaman & Nicobar Islands, Arunachal Pradesh, Punjab, West Rajasthan, East Rajasthan, Marathwada, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and North Interior Karnataka. The lowest minimum temperature of 18.6°C is reported at DHARWAD (KARNATAKA) over the Plains of India.
- ♦ Maximum Temperature Departures (as on 10-09-2025): markedly above normal(> 5.1°C) at many places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Assam & Meghalaya and Odisha. appreciably above normal(3.1°C to 5.0°C) at few places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Uttarakhand, Marathwada and Coastal Andhra Pradesh & Yanam; at isolated places over Gangetic West Bengal, Himachal Pradesh, Madhya Maharashtra, Vidarbha, Rayalaseema and North Interior Karnataka. above normal(1.6°C to 3.0°C) at many places over South Interior Karnataka; at most places over Chhattisgarh; at few places over East Uttar Pradesh, West Uttar Pradesh, East Madhya Pradesh, Konkan & Goa, Telangana, Coastal Karnataka and Kerala & Mahe; at isolated places over Sub Himalayan West Bengal & Sikkim, Bihar, West Madhya Pradesh and Tamil Nadu, Puducherry & Karaikal. near normal(-1.5°C to 1.5°C) at many places



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over Gujarat Region and Saurashtra & Kutch; at most places over Haryana-Chandigarh-Delhi, Punjab, East Rajasthan and Lakshadweep; at few places over West Rajasthan; at isolated places over Andaman & Nicobar Islands. **The highest maximum temperature** of 39.5°C is reported at NELLORE (ANDHRA PRADESH).



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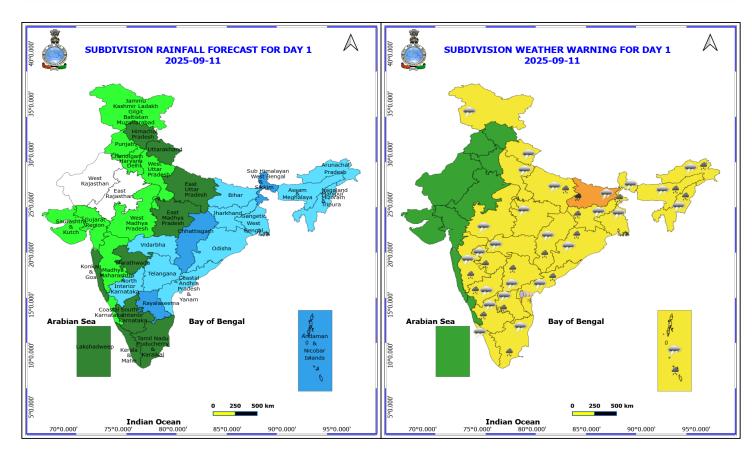
Meteorological Analysis (Based on 0830 hours IST)

- The **well marked low pressure area** over northwest Arabian Sea and adjoining southwest Pakistan persisted over the same region at 0830 hours IST of today, the 11th September, 2025. The associated **cyclonic circulation** extended upto 5.8 km above mean sea level. It is very likely to move nearly westwards and weaken gradually into a **low pressure area** over the same region during next 12 hours.
- The **monsoon trough** at mean sea level now passes through Sri Ganganagar, Bareilly, Barabanki, Dehri, Purulia, Digha and thence southeastwards to northeast Bay of Bengal.
- The **upper air cyclonic circulation** over South Odisha adjoining north Coastal Andhra Pradesh extending upto 4.5 km above mean sea level tilting southwards with height persists.
- The upper air cyclonic circulation over Sikkim & neighbourhood at 3.1 km above mean sea level persists.
- A trough runs from Sub-Himalayan West Bengal & Sikkim to west central Bay of Bengal across Jharkhand, cyclonic circulation over South Odisha adjoining north Coastal Andhra Pradesh at 0.9 km above mean sea level.
- An upper air cyclonic circulation lay over central Assam at 0.9 km above mean sea level.
- A western disturbance seen as a cyclonic circulation over Himachal Pradesh & neighbourhood at 5.8 km above mean sea level.
- The **trough** from South Interior Karnataka to Gulf of Mannar across Tamil Nadu extended upto 1.5 km above mean sea level has become less marked.
- The **trough** in westerlies at 0.9 km above mean sea level roughly along at Long. 86°E to the north of Lat. 22°N has become less marked.

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.





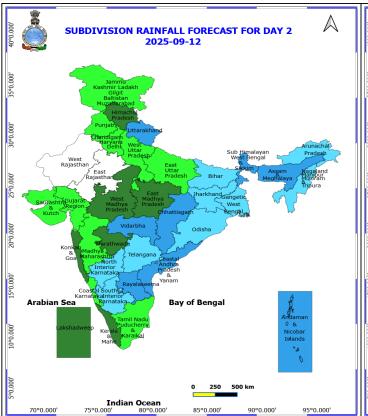
11 September (Day 1)

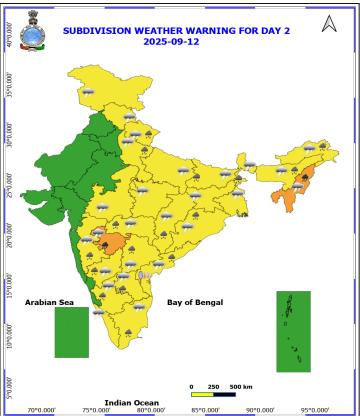
- Heavy to Very Heavy Rainfall very likely at isolated places over Bihar.
- ♦ Heavy Rainfall very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Uttar Pradesh, Interior Karnataka, Jharkhand, Madhya Maharashtra, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal and Telangana.
- ♦ Thunderstorm accompanied with lightning & gusty winds(40-50kmph) very likely at isolated places over Coastal Andhra Pradesh.
- ♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Gangetic West Bengal, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha, Rayalaseema and Tamil Nadu Puducherry & Karaikal.
- ❖ Thunderstorm accompanied with Lightning very likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Jharkhand, Kerala & Mahe, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Telangana, Uttar Pradesh and Uttarakhand.
- **Strong Surface Winds** very likely at isolated places over Coastal 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 Gulf of Mannar & adjoining Comorin area; along and off south Sri Lanka coast, over some parts of southwest Bay of Bengal.







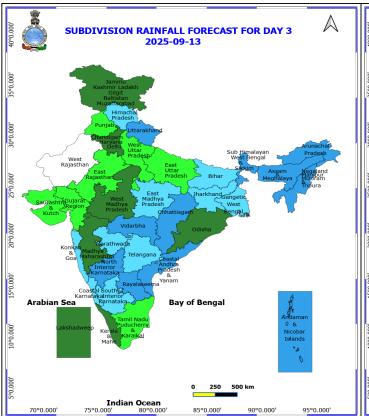
12 September (Day 2)

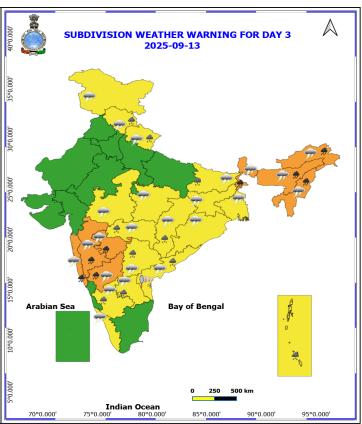
- ♦ Heavy to Very Heavy Rainfall very likely at isolated places over Marathwada and Nagaland, Manipur, Mizoram and Tripura.
- ♦ Heavy Rainfall very likely at isolated places over Andhra Pradesh, Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Interior Karnataka, Madhya Maharashtra, Odisha, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Telangana, Uttarakhand, Vidarbha and West Uttar Pradesh.
- **❖ Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Coastal Andhra Pradesh.
- ♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Gangetic West Bengal, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha, Rayalaseema and Tamil Nadu Puducherry & Karaikal.
- ♦ Thunderstorm accompanied with Lightning very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Himachal Pradesh, Jharkhand, Kerala & Mahe, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim, Telangana, Uttar Pradesh and Uttarakhand.
- **Strong Surface Winds** very likely at isolated places over Coastal 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 Gulf of Mannar & adjoining Comorin area; along and off south Sri Lanka coast, over some parts of southwest Bay of Bengal.







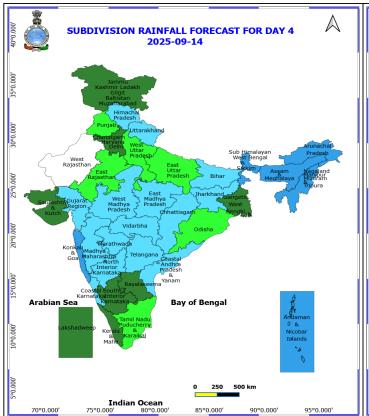
13 September (Day 3)

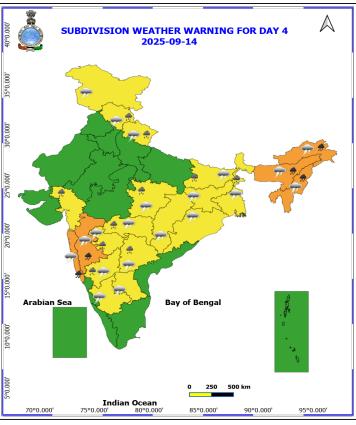
- ♦ Heavy to Very Heavy Rainfall very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Konkan & Goa, Madhya Maharashtra, Marathwada, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka and Sub Himalayan West Bengal & Sikkim.
- ♦ Heavy Rainfall very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Chhattisgarh, Himachal Pradesh, South Interior Karnataka, Telangana, Uttarakhand and Vidarbha.
- ♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Andhra Pradesh, Gangetic West Bengal, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Odisha.
- ♦ Thunderstorm accompanied with Lightning very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Himachal Pradesh, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim, Telangana and Uttarakhand.
- Strong Surface Winds very likely at isolated places over Coastal 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 Gulf of Mannar & adjoining Comorin area; along and off south Sri Lanka coast & adjoining some parts of southwest Bay of Bengal.







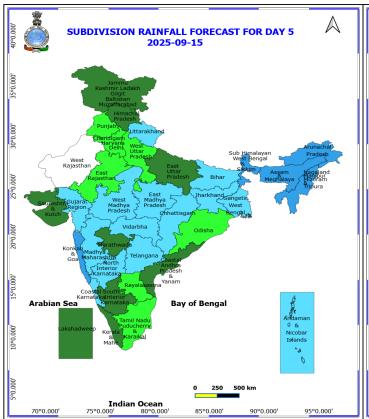
14 September (Day 4)

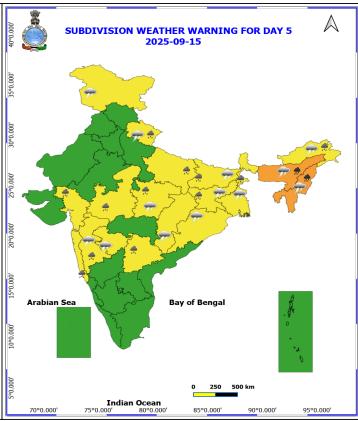
- ♦ Heavy to Very Heavy Rainfall likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Konkan & Goa, Madhya Maharashtra and Nagaland, Manipur, Mizoram and Tripura.
- ♦ Heavy Rainfall likely at isolated places over Bihar, East Madhya Pradesh, Gujarat Region, Himachal Pradesh, Marathwada,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

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 Gulf of Mannar & adjoining Comorin area; along and off south Sri Lanka coast & adjoining some parts of southwest Bay of Bengal, along and off Tamil Nadu, south Andhra Pradesh coasts.







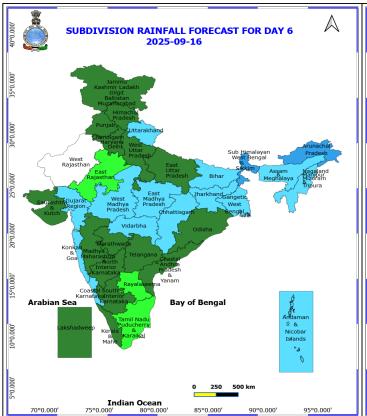
15 September (Day 5)

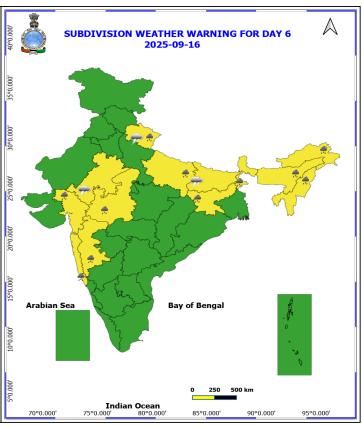
- ♦ Heavy to Very Heavy Rainfall likely at isolated places over Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ♦ Heavy Rainfall likely at isolated places over Arunachal Pradesh, Bihar, East Uttar Pradesh, Gujarat Region, Jharkhand, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Sub Himalayan West Bengal & Sikkim, Telangana and Uttarakhand.
- **♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Odisha.
- ♦ Thunderstorm accompanied with Lightning likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, East Madhya Pradesh, Jharkhand, Madhya Maharashtra, Marathwada, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.

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 45 - 55 kmph gusting to 65 kmph likely to prevail over few parts of east central Arabian sea along and off Kokan coast.







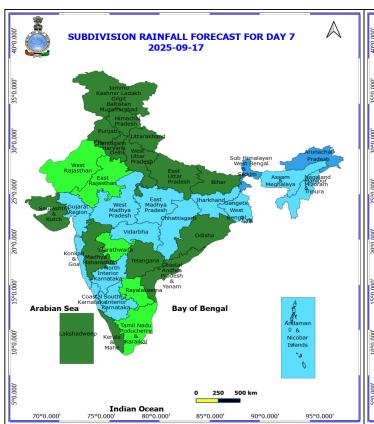
16 September (Day 6)

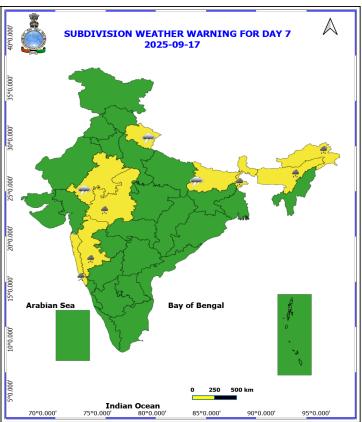
- ♦ Heavy Rainfall likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, East Uttar Pradesh, Gujarat Region, Jharkhand, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim, Uttarakhand and West Madhya Pradesh.
- ♦ Thunderstorm accompanied with Lightning likely at isolated places over Bihar, East Rajasthan and Uttarakhand.

No Fishermen Warning



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17 September (Day 7)

- ♦ Heavy Rainfall likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Konkan & Goa, Madhya Maharashtra, Sub Himalayan West Bengal & Sikkim and West Madhya Pradesh.
- ❖ Thunderstorm accompanied with Lightning likely at isolated places over Bihar, East Rajasthan and Uttarakhand.

No Fishermen Warning



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Table-1

7 Days Rainfall Forecast

33 NORTH INTERIOR KARNATAKA FWS FWS FWS SCT FWS		1 Days Railli	an i		50a	JL			
1 ANDAMAN & NICOBAR ISLANDS	S.No.	Subdivision						1	
2 ARUNACHAL PRADESH			Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
ASSAM & MEHGHALAYA	1	ANDAMAN & NICOBAR ISLANDS	WS	WS	WS	WS	FWS	FWS	FWS
4 N. M. M. & T. FWS FWS WS FWS	2	ARUNACHAL PRADESH	FWS	FWS	WS	WS	WS	WS	WS
5 S.H. WEST BENGAL & SIKKIM WS FWS SCT SCT <t< td=""><td>3</td><td>ASSAM & MEHGHALAYA</td><td>FWS</td><td>WS</td><td>WS</td><td>WS</td><td>WS</td><td>FWS</td><td>FWS</td></t<>	3	ASSAM & MEHGHALAYA	FWS	WS	WS	WS	WS	FWS	FWS
FWS	4	N. M. M. & T.	FWS	FWS	WS	WS	WS	FWS	FWS
7 ODISHA FWS SCT SCT <td>5</td> <td>S.H. WEST BENGAL & SIKKIM</td> <td>WS</td> <td>WS</td> <td>WS</td> <td>WS</td> <td>WS</td> <td>WS</td> <td>WS</td>	5	S.H. WEST BENGAL & SIKKIM	WS						
8 JHARKHAND FWS SCT	6	GANGETIC WEST BENGAL	FWS	FWS	FWS	SCT	FWS	FWS	FWS
9 BIHAR	7	ODISHA	FWS	FWS	SCT	ISOL	ISOL	SCT	SCT
10	8	JHARKHAND	FWS						
11 WEST UTTAR PRADESH	9	BIHAR	FWS	FWS	FWS	FWS	FWS	FWS	SCT
12 UTTARAKHAND	10	EAST UTTAR PRADESH	SCT	ISOL	ISOL	ISOL	SCT	SCT	SCT
13 HARYANA, CHD & DELHI ISOL SCT SCT <t< td=""><td>11</td><td>WEST UTTAR PRADESH</td><td>ISOL</td><td>ISOL</td><td>ISOL</td><td>ISOL</td><td>ISOL</td><td>SCT</td><td>SCT</td></t<>	11	WEST UTTAR PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	SCT
14 PUNJAB ISOL ISOL ISOL ISOL SCT S	12	UTTARAKHAND	SCT	WS	WS	FWS	FWS	FWS	SCT
15 HIMACHAL PRADESH SCT SCT FWS FWS SCT SCT SCT SCT 16 JAMMU AND KASHMIR AND LADAKH ISOL ISOL SCT SCT SCT SCT SCT SCT SCT 17 WEST RAJASTHAN DRY	13	HARYANA, CHD & DELHI	ISOL	ISOL	SCT	SCT	ISOL	SCT	SCT
16 JAMMU AND KASHMIR AND LADAKH 17 WEST RAJASTHAN 18 EAST RAJASTHAN 19 WEST MADHYA PRADESH 20 EAST MADHYA PRADESH 21 GUJRAT REGION 22 SAURASHTRA & KUTCH 23 KONKAN & GOA 24 MADHYA MAHARASHTRA 25 MARATHWADA 26 VIDARBHA 27 CHATTISGARH 28 COASTAL ANDHRA PRADESH 38 COSTAL ANDHRA PRADESH 39 WEST WASTALAN 30 RAYALASEEMA 30 NORTH INTERIOR KARNATAKA 30 KERALA 30 REY DRY DRY DRY DRY DRY DRY DRY DRY ISOL 30 RAYALASEEMA 30 REYS FWS 31 FWS FWS 32 FWS 33 NORTH INTERIOR KARNATAKA 30 REYS FWS 4 FWS 4 FWS 5 FWS	14	PUNJAB	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	SCT
17 WEST RAJASTHAN 18 EAST RAJASTHAN 19 WEST MADHYA PRADESH 20 EAST MADHYA PRADESH 21 GUJRAT REGION 22 SAURASHTRA & KUTCH 23 KONKAN & GOA 24 MADHYA MAHARASHTRA 25 MARATHWADA 26 VIDARBHA 27 CHATTISGARH 28 COASTAL ANDHRA PRADESH 29 TELANGANA 30 RAYALASEEMA 30 RAYALASEEMA 30 RAYALASEEMA 30 RAYALASEEMA 30 KERALA 30 RAYALAS COA SCT SCT FWS FWS FWS FWS FWS FWS 31 SOL BOL BOL BOL BOL SCT	15	HIMACHAL PRADESH	SCT	SCT	FWS	FWS	SCT	SCT	SCT
18 EAST RAJASTHAN DRY DRY SCT SCT FWS FWS FWS FWS FWS EAST MADHYA PRADESH SCT SCT SCT SCT SCT SCT SCT S	16	JAMMU AND KASHMIR AND LADAKH	ISOL	ISOL	SCT	SCT	SCT	SCT	SCT
19 WEST MADHYA PRADESH 20 EAST MADHYA PRADESH 21 GUJRAT REGION 22 SAURASHTRA & KUTCH 23 KONKAN & GOA 24 MADHYA MAHARASHTRA 25 MARATHWADA 26 VIDARBHA 27 CHATTISGARH 28 COASTAL ANDHRA PRADESH 39 TELANGANA 30 RAYALASEEMA 30 NORTH INTERIOR KARNATAKA 30 EAST MADHYA PRADESH 30 KORKAN & GOA 30 SCT SCT FWS FWS FWS FWS FWS FWS 31 NORTH INTERIOR KARNATAKA 30 SCT SCT SCT SCT SCT SCT SCT SCT 30 FWS FWS FWS FWS FWS 31 KORKANA WASTANATAKA 30 FWS FWS FWS FWS FWS FWS 31 KORKANATICAL SCT SCT SCT SCT SCT SCT SCT SCT 30 FWS FWS FWS FWS FWS FWS FWS 31 KERALA 32 COSTAL KARNATAKA 33 KERALA 34 SOUTH INTERIOR KARNATAKA 35 KERALA 36 SCT SCT SCT SCT SCT SCT SCT SCT 30 FWS FWS FWS FWS FWS FWS 31 KERALA 32 COST SCT SCT SCT SCT SCT 33 FWS FWS FWS FWS FWS FWS 34 SOUTH INTERIOR KARNATAKA 35 KERALA 36 SCT SCT SCT SCT SCT SCT	17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	ISOL
20 EAST MADHYA PRADESH 21 GUJRAT REGION 22 SAURASHTRA & KUTCH 23 KONKAN & GOA 24 MADHYA MAHARASHTRA 25 MARATHWADA 26 VIDARBHA 27 CHATTISGARH 28 COASTAL ANDHRA PRADESH 29 TELANGANA 30 RAYALASEEMA 31 TAMILNADU & PUDUCHERRY 31 GUJRAT REGION 18 OL ISOL ISOL FWS FWS FWS FWS 18 OL ISOL SCT FWS FWS SCT SCT SCT 18 OL ISOL SCT FWS FWS SCT SCT ISOL 26 VIDARBHA 50 FWS FWS FWS FWS FWS FWS FWS 51 SCT SCT SCT SCT 52 FWS FWS FWS FWS FWS FWS 53 NORTH INTERIOR KARNATAKA 50 FWS FWS FWS FWS FWS 51 SCT FWS 52 FWS FWS FWS 53 KERALA 53 KERALA 55 KERALA 56 FWS FWS FWS FWS 57 SCT SCT FWS 58 FWS FWS 58 FWS FWS 58 FWS FWS 58	18	EAST RAJASTHAN	DRY	DRY	ISOL	ISOL	ISOL	ISOL	ISOL
21 GUJRAT REGION ISOL ISOL ISOL FWS FWS FWS FWS 22 SAURASHTRA & KUTCH ISOL ISOL ISOL SCT SCT SCT 23 KONKAN & GOA SCT SCT FWS WS WS FWS FWS 24 MADHYA MAHARASHTRA ISOL ISOL SCT FWS FWS SCT SCT 25 MARATHWADA SCT SCT FWS FWS SCT SCT ISOL 26 VIDARBHA FWS WS WS FWS FWS FWS FWS 27 CHATTISGARH WS WS WS FWS FWS FWS FWS 28 COASTAL ANDHRA PRADESH FWS WS WS FWS FWS FWS FWS 29 TELANGANA FWS FWS FWS FWS FWS SCT SCT 30 RAYALASEEMA WS WS WS SCT ISOL ISOL 31 TAMILNADU & PUDUCHERRY SCT ISOL ISOL ISOL ISOL ISOL 32 COSTAL KARNATAKA ISOL ISOL FWS FWS FWS FWS 33 NORTH INTERIOR KARNATAKA FWS FWS FWS FWS FWS FWS SCT FWS SCT SCT SCT FWS SCT SCT SCT SCT SCT	19	WEST MADHYA PRADESH	ISOL	SCT	SCT	FWS	FWS	FWS	FWS
22 SAURASHTRA & KUTCH 23 KONKAN & GOA 24 MADHYA MAHARASHTRA 25 MARATHWADA 26 VIDARBHA 27 CHATTISGARH 28 COASTAL ANDHRA PRADESH 29 TELANGANA 30 RAYALASEEMA 31 TAMILNADU & PUDUCHERRY 32 COSTAL KARNATAKA 33 NORTH INTERIOR KARNATAKA 35 KERALA 36 SCT	20	EAST MADHYA PRADESH	SCT	SCT	FWS	FWS	FWS	FWS	FWS
23 KONKAN & GOA 24 MADHYA MAHARASHTRA 25 MARATHWADA 26 VIDARBHA 27 CHATTISGARH 28 COASTAL ANDHRA PRADESH 29 TELANGANA 30 RAYALASEEMA 31 TAMILNADU & PUDUCHERRY 32 COSTAL KARNATAKA 33 NORTH INTERIOR KARNATAKA 34 SOUTH INTERIOR KARNATAKA 35 KERALA 36 SCT SCT FWS FWS FWS FWS SCT SCT ISOL 36 SCT SCT SCT FWS FWS FWS FWS FWS FWS FWS 37 SCT	21	GUJRAT REGION	ISOL	ISOL	ISOL	FWS	FWS	FWS	FWS
24MADHYA MAHARASHTRAISOLISOLSCTFWSFWSSCTSCT25MARATHWADASCTSCTFWSFWSSCTSCTISOL26VIDARBHAFWSWSWSFWSFWSFWSFWSFWS27CHATTISGARHWSWSWSFWSFWSFWSFWSFWSFWSFWSFWSFWSFWSFWSFWSFWSSCTSCTSCT29TELANGANAFWSFWSFWSFWSFWSSCTSCTSCT30RAYALASEEMAWSWSWSSCTISOLFWSFWSFWSFWSFWSFWSFWSFWSFWSFWSFWSFWSSCTFWSSCT	22	SAURASHTRA & KUTCH	ISOL	ISOL	ISOL	SCT	SCT	SCT	SCT
25 MARATHWADA 26 VIDARBHA FWS WS WS FWS FWS FWS FWS 27 CHATTISGARH WS WS WS FWS FWS FWS FWS 28 COASTAL ANDHRA PRADESH FWS WS WS FWS FWS FWS FWS 29 TELANGANA FWS FWS FWS FWS FWS FWS 30 RAYALASEEMA WS WS WS WS FWS FWS FWS SCT SCT 31 TAMILNADU & PUDUCHERRY SCT ISOL ISOL ISOL ISOL ISOL 32 COSTAL KARNATAKA ISOL ISOL FWS FWS FWS FWS FWS 33 NORTH INTERIOR KARNATAKA FWS FWS FWS FWS FWS FWS SCT FWS 34 SOUTH INTERIOR KARNATAKA SCT FWS FWS FWS SCT SCT SCT SCT SCT SCT	23	KONKAN & GOA	SCT	SCT	FWS	WS	WS	FWS	FWS
26VIDARBHAFWSWSFWSFWSFWSFWS27CHATTISGARHWSWSWSFWSFWSFWSFWS28COASTAL ANDHRA PRADESHFWSWSWSFWSSCTSCTSCT29TELANGANAFWSFWSFWSFWSFWSSCTSCT30RAYALASEEMAWSWSWSSCTISOLISOLISOLISOLISOLISOLISOLISOLISOLISOLISOLISOLISOLISOLISOLISOLISOLISOLISOLFWSFWSFWSFWSFWSFWSFWSFWSFWSFWSFWSSCTFWSSCTFWSSCTFWSSCTFWSSCTFWSSCT <td< td=""><td>24</td><td>MADHYA MAHARASHTRA</td><td>ISOL</td><td>ISOL</td><td>SCT</td><td>FWS</td><td>FWS</td><td>SCT</td><td>SCT</td></td<>	24	MADHYA MAHARASHTRA	ISOL	ISOL	SCT	FWS	FWS	SCT	SCT
27 CHATTISGARH 28 COASTAL ANDHRA PRADESH 29 TELANGANA RAYALASEEMA 30 RAYALASEEMA 31 TAMILNADU & PUDUCHERRY 32 COSTAL KARNATAKA 33 NORTH INTERIOR KARNATAKA 34 SOUTH INTERIOR KARNATAKA 35 KERALA WS WS WS FWS FWS FWS SCT SCT SCT WS WS WS SCT ISOL ISOL ISOL ISOL ISOL ISOL ISOL WS FWS FWS FWS FWS FWS FWS FWS FWS FWS F	25	MARATHWADA	SCT	SCT	FWS	FWS	SCT	SCT	ISOL
28 COASTAL ANDHRA PRADESH FWS WS WS FWS SCT SCT 29 TELANGANA FWS FWS FWS FWS FWS SCT SCT 30 RAYALASEEMA WS WS WS SCT ISOL ISOL ISOL ISOL ISOL 31 TAMILNADU & PUDUCHERRY SCT ISOL ISOL ISOL ISOL ISOL ISOL ISOL 32 COSTAL KARNATAKA ISOL ISOL FWS FWS FWS FWS FWS 33 NORTH INTERIOR KARNATAKA FWS FWS FWS FWS SCT FWS 34 SOUTH INTERIOR KARNATAKA SCT FWS FWS SCT SCT SCT SCT SCT	26	VIDARBHA	FWS	WS	WS	FWS	FWS	FWS	FWS
29 TELANGANA FWS FWS FWS FWS SCT SCT 30 RAYALASEEMA WS WS WS SCT ISOL ISOL ISOL 31 TAMILNADU & PUDUCHERRY SCT ISOL ISOL ISOL ISOL ISOL 32 COSTAL KARNATAKA ISOL ISOL FWS FWS FWS FWS 33 NORTH INTERIOR KARNATAKA FWS FWS FWS FWS SCT FWS 34 SOUTH INTERIOR KARNATAKA SCT FWS FWS SCT SCT SCT SCT SCT	27	CHATTISGARH	WS	WS	WS	FWS	FWS	FWS	FWS
30 RAYALASEEMA WS WS SCT ISOL ISOL ISOL 31 TAMILNADU & PUDUCHERRY SCT ISOL ISOL ISOL ISOL ISOL 32 COSTAL KARNATAKA ISOL ISOL FWS FWS FWS FWS FWS 33 NORTH INTERIOR KARNATAKA FWS FWS FWS FWS SCT FWS 34 SOUTH INTERIOR KARNATAKA SCT FWS FWS SCT SCT SCT SCT SCT	28	COASTAL ANDHRA PRADESH	FWS	WS	WS	FWS	SCT	SCT	SCT
31 TAMILNADU & PUDUCHERRY 32 COSTAL KARNATAKA 33 NORTH INTERIOR KARNATAKA 34 SOUTH INTERIOR KARNATAKA 35 KERALA 36 SCT SCT SCT SCT SCT SCT SCT SCT	29	TELANGANA	FWS	FWS	FWS	FWS	FWS	SCT	SCT
32 COSTAL KARNATAKA 33 NORTH INTERIOR KARNATAKA 34 SOUTH INTERIOR KARNATAKA 35 KERALA 36 SCT SCT SCT SCT SCT SCT SCT	30	RAYALASEEMA	WS	WS	WS	SCT	ISOL	ISOL	ISOL
33 NORTH INTERIOR KARNATAKA FWS FWS FWS SCT FWS 34 SOUTH INTERIOR KARNATAKA SCT FWS FWS SCT SCT SCT FWS 35 KERALA SCT SCT SCT SCT SCT SCT	31	TAMILNADU & PUDUCHERRY	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
34 SOUTH INTERIOR KARNATAKA SCT FWS FWS SCT SCT SCT FWS 35 KERALA SCT SCT SCT SCT SCT SCT	32		ISOL	ISOL	FWS	FWS	FWS	FWS	FWS
35 KERALA SCT SCT SCT SCT SCT SCT	33	NORTH INTERIOR KARNATAKA	FWS	FWS	WS	FWS	FWS	SCT	FWS
	34	SOUTH INTERIOR KARNATAKA	SCT	FWS	FWS	SCT	SCT	SCT	FWS
36 LAKSHDWEEP SCT SCT SCT SCT SCT SCT	35	KERALA	SCT						
	36	LAKSHDWEEP	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

Fig. 1: Maximum Temperatures Dated 2025-09-11

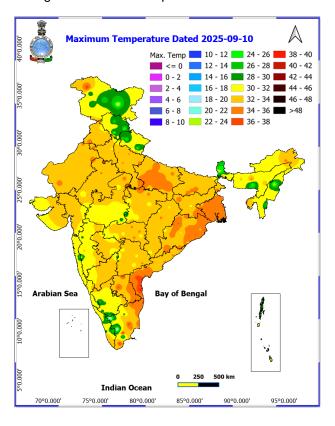


Fig. 3: Minimum Temperatures Dated 2025-09-11

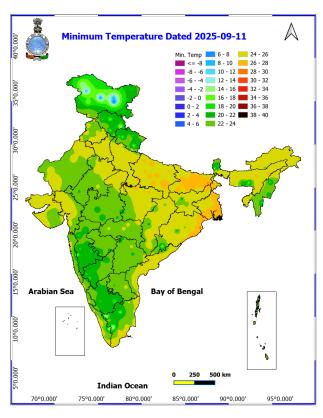


Fig. 2: Departure of Maximum Temp. Dated 2025-09-11

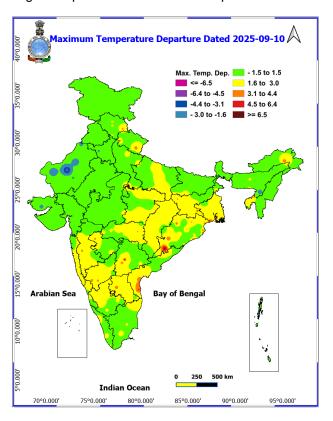
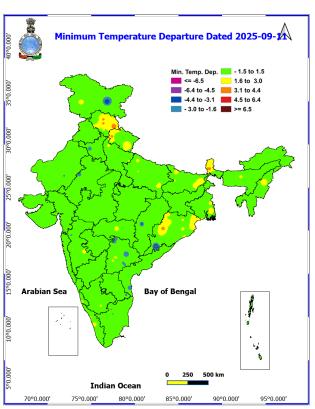
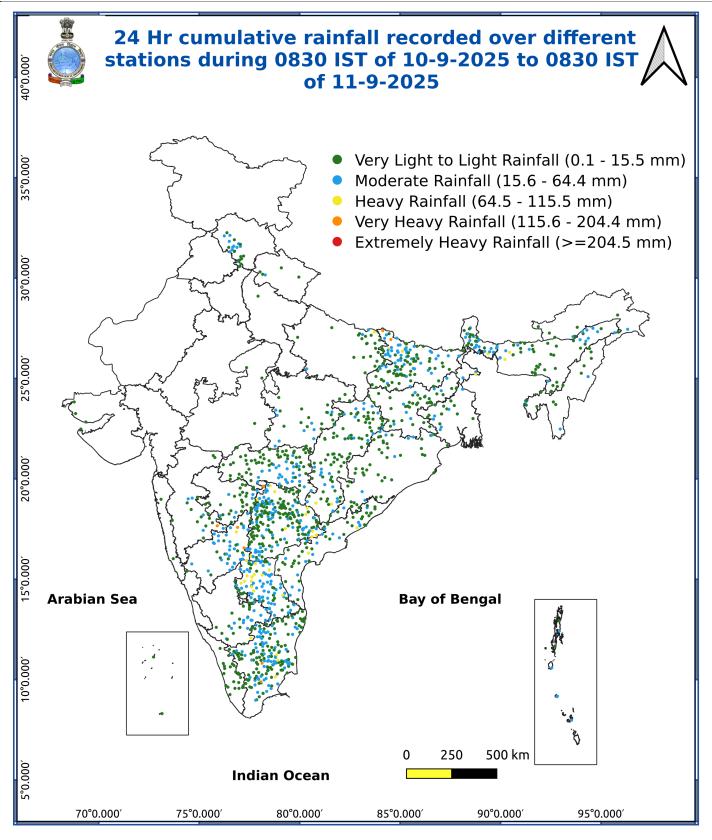


Fig. 4: Departure of Minimum Temp. Dated 2025-09-11









National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

Impact & Action Suggested due to

Heavy to very heavy rainfall (12-20 cm) at isolated places over Bihar on 11th; Marathawada on 12th & 13th; Nagaland, Manipur, Mizoram & Tripura during 12th-15th; Sub-Himalayan West Bengal & Sikkim on 13th; Arunachal Pradesh, Konkan & Goa, Madhya Maharashtra on 13th & 14th; Assam & Meghalaya during 13th-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 **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**, ensure proper drainage in fields of rice, sugarcane, black gram and sesame in **Hill** Zone. 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.



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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.

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**.

In **Bihar**, ensure proper drainage of excess rainwater from standing crops such as maize, pigeon pea and vegetables in **North West Alluvial Plain Zone** and maize, pearl millet and vegetables in **North East Alluvial Zone**.

In **North Interior Karnataka**, make provision to drain out excess water from fields of cotton, pigeon pea, groundnut, sunflower, green gram and vegetables in **North East Dry 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**.

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.

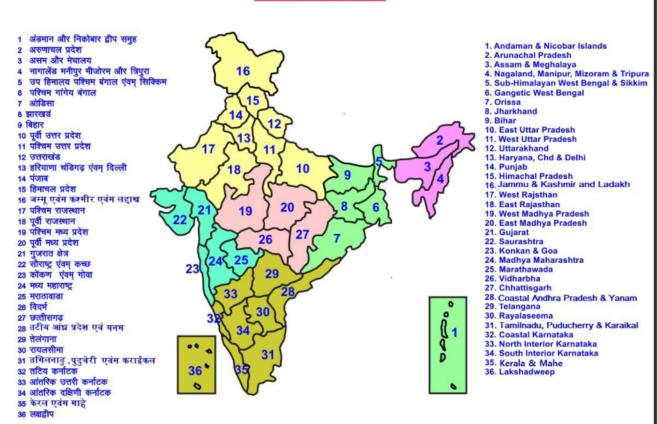
Agromet advisories for likely impact of Thunderstorm / Gusty Winds / Squally Winds

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

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.







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 Widespred (FWS/ Many Places)	1-25	Isolated (ISOL)

Subdivision Colour

NO WARNING

WATCH (BE UPDATED)

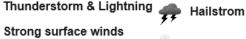
ALERT (BE PREPARED TO TAKE ACTION

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

Probabilistic Forecast

WARNING (TAKE ACTION)

Heavy Rain Thunderstorm & Lightning







Cold Day













Ground Frost



		EGENDS	
	WARNING	Probabilistic Forecas	st
	WARNING (TAKE ACTION)	Terms Probability of Occurre	nce (%)
	ALERT (BE PREPARED)	Unlikely < 25 Likely 25 - 50	
	WATCH (BE UPDATED)	Very Likely 50 - 75	
	NO WARNING (NO ACTION)	Most Likely > 75	
./ 💭	Heavy: 64.5 to 115.5 mm/cm *		
in/ Snow	Very Heavy: 115.6 to 204.4 mm/cm* Extremely Heavy: > 204.4 mm/cm *		
iiii onow			0 C f L
	(a) Based on Departure from norma	tation reaches ≥40° C for plains and ≥30 al	o tor n
	Heat Wave: Maximum Temperature Dep	arture from normal 4.5° C to 6.4° C.	
Î+	Severe Heat Wave: Maximum Temperat		
eat Wave	(b). Based on Actual maximum tem	•	
iout maro	Heat Wave: When actual maximum temp Severe Heat Wave: When actual maxim		
	(c). Criteria for heat wave for coast		
	When maximum temperature departure is	>4.5°C from normal. Heat Wave may be describe	d provide
	temperature ≥37°C		
Ĵ+	When maximum temperature rema Warm Night: When minimum temperature		
Varm Night	Severe Warm Night: When minimum temperatur		
		station ≤10°C for plains and ≤0°C for h	illy regi
	(a). Based on departure Cold Wave: Minimum Temperature Depart	urture from normal A 5 9C to 6 4 9C	
	Severe Cold Wave: Minimum Temperature Depa		
J-	(b) Based on actual Minimum Tem		
Cold Wave	Cold Wave : When Minimum Temperatur		
	Severe Cold Wave: When Minimum Ter	nperature is ≤ 2.0 °C	
	(c) For Coastal Stations		
	When Minimum Temperature departure	is ≤-4.5 °C & actual Minimum Temperature is ≤	15 °C
		tation ≤10°C for plains and ≤0°C for hilly	regions
 -	Based on departure Cold Day: Maximum Temperature Depar	ture from normal -4.5 °C to -6.4 °C	
Cold Day	Severe Cold Day: Maximum Temperatur		
	Pharaman of amall devotate		! - !!- !!!
A	Moderate Fog: When the visibility between	suspended in air and the horizontal	VISIDIII
•	Dense Fog: when the visibility between		
Fog	Very Dense Fog: when the visibility < 50	metres	
7.			
75	Sudden electrical discharges manif sound (thunder)	ested by a flash of light (Lightning) and a	sharp r
nunderstorm	(
luliderstorm			
understorm	An annumble of continuous states	and annualisable life of the count but the	h
Dust/Sand	An ensemble of particles of dust or turbulent wind.	sand energetically lifted to great heights	by a str
		sand energetically lifted to great heights	by a str
Dust/Sand		sand energetically lifted to great heights	by a str
Dust/Sand Storm	turbulent wind.	sand energetically lifted to great heights	by a str
Dust/Sand	lce deposits on ground [Air temperature ≤4°C (over Plains)		by a str
Dust/Sand Storm	lce deposits on ground [Air temperature ≤4°C (over Plains) A strong wind that rises sudde	sand energetically lifted to great heights l	by a str
Dust/Sand Storm	lce deposits on ground [Air temperature ≤4°C (over Plains) A strong wind that rises sudde Moderate: Wind speed 52-61 kmph		by a str
Dust/Sand Storm	lce deposits on ground [Air temperature ≤4°C (over Plains) A strong wind that rises sudde		by a sti
Dust/Sand Storm Frost	lce deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudde Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed >87 kmph	enly, lasts for atleast 1 minute.	by a str
Dust/Sand Storm Frost	Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudde 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	enly, lasts for atleast 1 minute.	by a str
Dust/Sand Storm Frost Squall	Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudde 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 Rough to very rough: Wind speed 41-6	enly, lasts for atleast 1 minute.	by a sti
Dust/Sand Storm Frost	Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudde 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 Rough to very rough: Wind speed 41-6	enly, lasts for atleast 1 minute. over specific area 2 kmph (22-33 knots) & Wave height 2.5-6 metre mph (34-63 knots) & Wave height 6-14 metre	by a str
Dust/Sand Storm Frost Squall	Lice deposits on ground Air temperature \$4°C (over Plains) A strong wind that rises sudded 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 Rough to very rough: Wind speed 41-64 High to very high: Wind speed 63-117 kmph (>90 kmph wind speed >117 kmph wind speed >117 kmph (>90 kmph wind speed >117 kmph wind speed >117 kmph (>90 kmph wind speed >117	enly, lasts for atleast 1 minute. over specific area 2 kmph (22-33 knots) & Wave height 2.5-6 metre mph (34-63 knots) & Wave height 6-14 metre 63 knots) & Wave height >14 metre	by a str
Dust/Sand Storm Frost Squall	turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudde 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 Rough to very rough: Wind speed 41-6 High to very high: Wind speed 63-117 k	enly, lasts for atleast 1 minute. over specific area 2 kmph (22-33 knots) & Wave height 2.5-6 metre mph (34-63 knots) & Wave height 6-14 metre 63 knots) & Wave height >14 metre h (34-47 knots)	by a str
Dust/Sand Storm Frost Squall	Ice deposits on ground Air temperature \$4°C (over Plains) A strong wind that rises sudded 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 Rough to very rough: Wind speed 63-117 kmph (>Phenomenal: Wind speed >117 kmph (>Cyclonic Storm: Wind speed 62-87 kmph	enly, lasts for atleast 1 minute. over specific area 2 kmph (22-33 knots) & Wave height 2.5-6 metre mph (34-63 knots) & Wave height 6-14 metre 63 knots) & Wave height >14 metre th (34-47 knots) 3-117 kmph (48-63 knots) seed 118-165 kmph (64 - 89 knots)	by a str