



### National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

2025-08-31

Time of Issue: 14:20:00 hours IST

(Mid-Day)

### ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

### **Significant Weather Features**

#### **Northwest India:**

- **★ Extremely heavy rainfall** very likely at isolated places over Uttarakhand on 31<sup>st</sup> August & 01<sup>st</sup> September, southern parts of Himachal Pradesh during 31<sup>st</sup> August- 02<sup>nd</sup> September, Jammu-Kashmir-Ladakh on 02<sup>nd</sup> September.
- ❖ Isolated heavy rainfall likely to continue over Uttarakhand, East Rajasthan during next 7 days; Jammu-Kashmir-Ladakh, Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh, during 31<sup>st</sup> August- 02<sup>nd</sup> September; Himachal Pradesh during 31<sup>st</sup> August- 03<sup>rd</sup> September; East Uttar Pradesh, West Rajasthan on 31<sup>st</sup> August & 01<sup>st</sup> September with isolated very heavy rainfall very likely over Jammu-Kashmir-Ladakh on 01<sup>st</sup> & 02<sup>nd</sup>; Himachal Pradesh during 31<sup>st</sup> August- 02<sup>nd</sup> September; Uttarakhand at a few places during 31<sup>st</sup> August- 02<sup>nd</sup>; Punjab at a few places during 31<sup>st</sup> August 02<sup>nd</sup> September, Haryana Chandigarh & Delhi, West Uttar Pradesh at a few places on 31<sup>st</sup> August & 01<sup>st</sup> September; East Uttar Pradesh on 01<sup>st</sup> September; West Rajasthan on 31<sup>st</sup> August; East Rajasthan on 31<sup>st</sup> August & 01<sup>st</sup> September.
- Light/moderate rainfall at most/many places over Northwest India and accompanied with thunderstorm & lightning likely over Uttarakhand during & East Rajasthan during next 7 days; Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during next 4 days; Uttar Pradesh & West Rajasthan during next 2 days; Himachal Pradesh on today.

#### West India:

- **❖ Extremely heavy rainfall** very likely at isolated places over Gujarat Region on 04<sup>th</sup> & 05<sup>th</sup>, Saurashtra & Kutch on 05<sup>th</sup> & 06<sup>th</sup>.
- ❖ Isolated heavy rainfall is very likely over Gujarat region, Konkan & Goa, Madhya Maharashtra during next 7 days and Marathawada on 02<sup>nd</sup> & 03<sup>rd</sup>, Saurashtra & Kutch during 04<sup>th</sup> -06<sup>th</sup> September with very heavy rainfall over Gujarat Region on 31<sup>st</sup> August & during 03<sup>rd</sup> -06<sup>th</sup> September; Saurashtra & Kutch during 04<sup>th</sup> -06<sup>th</sup>; Konkan & Goa & Madhya Maharashtra on 03th, 04<sup>th</sup> & 05<sup>th</sup>; September.
- ❖ Light to moderate rainfall accompanied with thunderstorm & lightning at a few places very likely over the region during next 5 days.

### East & Central India:

- ❖ Isolated heavy rainfall likely over Madhya Pradesh, Chhattisgarh, during next 5 days; Odisha during next 4 days; Vidarbha on 02<sup>nd</sup>, 03<sup>rd</sup> & 04<sup>th</sup>, Andaman & Nicobar & Bihar Islands on 31<sup>st</sup> August; Sub-Himalayan West Bengal & Sikkim on 01<sup>st</sup> & 02<sup>nd</sup> September with isolated very heavy rainfall over West Madhya Pradesh on 31<sup>st</sup> August, Odisha on 01<sup>st</sup> & 02<sup>nd</sup> September.
- ❖ Light to moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over the region during next 5 days.

#### Northeast India:

- ❖ Isolated **heavy rainfall** likely to continue over Nagaland, Manipur, Mizoram & Tripura during next 7 days; Assam & Meghalaya on 31<sup>st</sup> August & during 02<sup>nd</sup> -06<sup>th</sup> September, Arunachal Pradesh on 05<sup>th</sup> & 06<sup>th</sup> September.
- Light/moderate rainfall at many places accompanied with thunderstorm & lightning likely during next 5 days.

#### South Peninsular India:

- ❖ Isolated heavy rainfall likely over Kerala & Mahe & Coastal Karnataka during next 7 days; ghat area of Tamil Nadu on 31<sup>st</sup> August; North Interior Karnataka on 02<sup>nd</sup>; Coastal Andhra Pradesh & Yanam during 01<sup>st</sup> -03<sup>rd</sup> September; Telangana during 31<sup>st</sup> August -02<sup>nd</sup> September with isolated very heavy rainfall over Coastal Karnataka on 02<sup>nd</sup> & 03<sup>rd</sup> September.
- ❖ Light to moderate rainfall accompanied with thunderstorm & lightning at a few places likely over the region 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, Uttarakhand, Punjab, Himachal Pradesh, West Rajasthan, Gujarat Region, Konkan & Goa, Vidarbha, Coastal Karnataka and Kerala & Mahe; at many places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, East Rajasthan, West Madhya Pradesh, Madhya Maharashtra, South Interior Karnataka and Lakshadweep; at a few places over Gangetic West Bengal, Odisha, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Marathwada, Chhattisgarh, Telangana, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and North Interior Karnataka; at isolated places over Jharkhand, Bihar, East Uttar Pradesh, East Madhya Pradesh, Saurashtra & Kutch and Coastal Andhra Pradesh & Yanam;
- ❖ Significant rainfall recorded(in cm) (from 0830 hours IST of yesterday to 0830 hours IST of today): Uttarakhand: Banbasa (dist Champawat) 16; Rishikesh (dist Dehradun) 12; Pantnagar (dist Udham Singh Nagar) 11; Uttar Kashi (CWC) (dist Uttarkashi), Khatima (dist Udham Singh Nagar) 8 Each; Tamil Nadu, Puducherry & Karaikal: Ennore AWS (dist Tiruvallur) 15; Ambathur (dist Chennai), Ayanavaram Taluk Office (dist Chennai), Cd Hospital Tondaipet (dist Chennai) 10 Each; Chennai(n) (dist Chennai), Red Hills (dist Tiruvallur), Chembarabakkam (dist Tiruvallur), Puzhal ARG (dist Tiruvallur), Chembarambakkam ARG (dist Kancheepuram), Uthukottai (dist Tiruvallur), Perambur (dist Chennai), Lower Anaicut (dist Thanjavur) 8 Each; Thamaraipakkam (dist Tiruvallur), Poonamalle ARG (dist Tiruvallur), Taluk Office Pandalur (dist Nilgiris) 7 Each; West Rajasthan: Tibi SR (dist Hanumangarh) 13; Sriganganagar Tehsil SR (dist Sri Ganganagar) 10; Hanumangarh (dist Hanumangarh) 9; Sanchore (dist Jalore) 8; Ladnoo (dist Nagaur), Makrana SR (dist Nagaur) 7 Each; Gujarat Region: Umreth (dist Anand), Kadana (dist Mahisagar) 12 Each; Santrampur (dist Mahisagar) 11; Shahera (dist Panchmahal) 10; Limkheda (dist Dahod), Morva Hadaf (dist Panchmahal) 9 Each; Halol (dist Panchmahal), Borsad (dist Anand) 8 Each; Sanjeli (dist Dahod), Idar (dist Sabarkantha) 7 Each; East Rajasthan: Mahwa (dist Dausa) 12; Ramgarhshekhatan SR (dist Sikar), Chhotisadri (dist Pratapgarh) 10 Each; Alwar SR (dist Alwar) 9; Jaipur Tehsil SR (dist Jaipur), Nagar SR (dist Bharatpur), Mounntabu Tehsil SR (dist Sirohi), Sikar (dist Sikar), Kathumer (dist Alwar) 7 Each; **East Uttar Pradesh**; Shardanagar (dist Kheri) 12; Nighasan (dist Kheri) 8; Odisha: Phiringia (dist Kandhamal) 12; Kendrapara (dist Kendrapara), Kendrapada PTO (dist Kendrapara), Raurkela (dist Sundargarh) 7 Each; West Madhya Pradesh: Khategaon (dist Dewas) 11; Jaora (dist Ratlam), Satwas (dist Dewas) 10 Each; Hatod (dist Indore) 9; Indore (dist Indore) 8; Bagli (dist Dewas), Bhikangaon (dist Khargone) 7 Each; Bihar: Kalyanpur (dist East Champaran) 9; Piprakothi (dist East Champaran) 8; Himachal Pradesh: Naina Davi (dist Bilaspur), R L Bbmb (dist Bilaspur) 8 Each; Chuari (dist Chamba) 7; Punjab: Nakodar (dist Jalandhar) 8; Garhshankar (dist Hoshiarpur) 7; West Uttar Pradesh: Baheri (dist Bareilly) 8; Tundla (dist Firozabad) 7; Assam & Meghalaya: Barapani (dist Ri Bhoi) 8; Tihu ARG (dist Nalbari), Bajali AWS (dist Bajali) 7 Each; Haryana-Chandigarh-Delhi: Tohana (dist Fatehabad) 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 Odisha, East Uttar Pradesh, Uttarakhand, West Rajasthan, East Rajasthan, Gujarat Region and Tamil Nadu, Puducherry & Karaikal. Heavy rain at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, Himachal Pradesh and West Madhya Pradesh.
- \* Minimum Temperature Departures (as on 31-08-2025): markedly above normal(> 5.1°C) at few places over East Madhya Pradesh; at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, West Uttar Pradesh, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, East Rajasthan, West Madhya Pradesh and Saurashtra & Kutch. appreciably above normal(3.1°C to 5.0°C) at isolated places over Odisha, Gujarat Region, Konkan & Goa and Chhattisgarh. above normal(1.6°C to 3.0°C) at few places over Bihar; at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Jharkhand, East Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Madhya Maharashtra, Vidarbha, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and South Interior Karnataka. near normal(-1.5°C to 1.5°C) at most places over Nagaland, Manipur, Mizoram & Tripura, Punjab, Marathwada, Coastal Andhra Pradesh & Yanam, Telangana, Coastal Karnataka, North Interior Karnataka, Kerala & Mahe and Lakshadweep; at few places over Arunachal Pradesh. The lowest minimum temperature of 18.0°C is reported at HALFLONG (ASSAM), and KHANDWA (MADHYA PRADESH) over the Plains of India.
- ♦ Maximum Temperature Departures (as on 30-08-2025): markedly above normal(> 5.1°C) at isolated places over Odisha. appreciably above normal(3.1°C to 5.0°C) at few places over Chhattisgarh; at isolated places over Madhya Maharashtra and Tamil Nadu, Puducherry & Karaikal. above normal(1.6°C to 3.0°C) at many places over Jharkhand; at few places over East Madhya Pradesh; at isolated places over Gangetic West Bengal, Bihar, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, West Madhya Pradesh, Saurashtra & Kutch, Vidarbha, Coastal Andhra Pradesh & Yanam and Rayalaseema. near normal(-1.5°C to 1.5°C) at many places over Andaman & Nicobar Islands, Assam &



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Meghalaya, Sub Himalayan West Bengal & Sikkim, Punjab and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at most places over Nagaland, Manipur, Mizoram & Tripura, Himachal Pradesh, East Rajasthan, Konkan & Goa, Marathwada, Telangana, South Interior Karnataka and Lakshadweep; at few places over Haryana-Chandigarh-Delhi, Coastal Karnataka and Kerala & Mahe; at isolated places over West Rajasthan, Gujarat Region and North Interior Karnataka. **The highest maximum temperature** of 40.0°C is reported at MADURAI (A) (TAMIL NADU).

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### Meteorological Analysis (Based on 0830 hours IST)

- The **monsoon trough** at mean sea level now passes through Bikaner, Ajmer, Guna, Damoh, Raipur, Puri and thence to east-southeastwards to central Bay of Bengal.
- The **upper air cyclonic circulation** over southwest Madhya Pradesh now lies over northwest Madhya Pradesh & neighbourhood at 0.9 km above mean sea level.
- An **upper air cyclonic circulation** lies over northwest Rajasthan now lies over central parts of Rajasthan and extends upto 1.5 km above mean sea level.
- The monsoon trough extends upto 0.9 km passing through above embedded cyclonic circulations.
- The **Western Disturbance** as a **cyclonic circulation** over north Pakistan & adjoining Punjab between 1.5 & 5.8 km above mean sea level persists.
- The **upper air cyclonic circulation** over northwest Bay of Bengal off West Bengal-Odisha coasts between 1.5 & 5.8 km above mean sea level tilting southwestwards with height persists.
- A fresh Low Pressure area is likely to form over northwest Bay of Bengal around 02<sup>nd</sup> September, 2025

### Weather Outlook for subsequent 3 days

Scattered to Fairly widespread rainfall likely over northern, western India, western peninsular and eastern India.

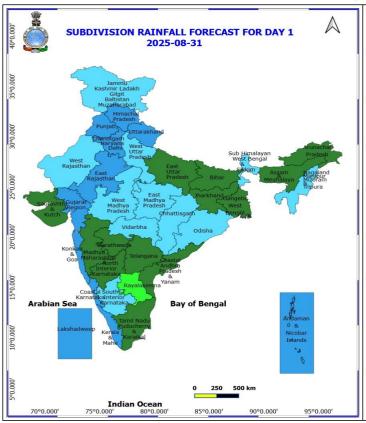
\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

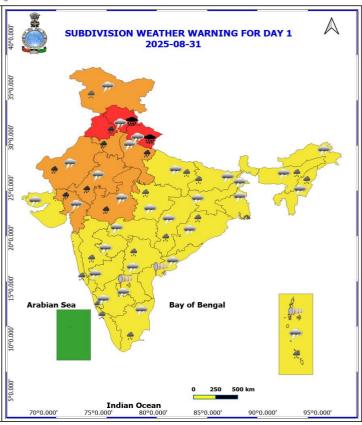
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

For more details kindly visit https://mausam.imd.gov.in or contact 011-2434-4599

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### 31 August (Day 1)

- ❖ Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall very likely at isolated places over Himachal Pradesh and Uttarakhand.
- ♦ Heavy to Very Heavy Rainfall very likely at isolated places over Gujarat Region, Haryana, Chandigarh & Delhi, Punjab, Rajasthan, West Madhya Pradesh and West Uttar Pradesh.
- ♦ Heavy Rainfall very likely at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Bihar, Chhattisgarh, Coastal Karnataka, East Madhya Pradesh, East Uttar Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Tamil Nadu Puducherry & Karaikal and Telangana.
- **❖ Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands.
- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Andhra Pradesh, 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, Gujarat State, Himachal Pradesh, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Rajasthan, Tamil Nadu Puducherry & Karaikal, Uttar Pradesh, Uttarakhand and Vidarbha.
- 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 along and off Somalia, Oman coasts, most parts of westcentral Arabian sea, adjoining & some parts of southwest,

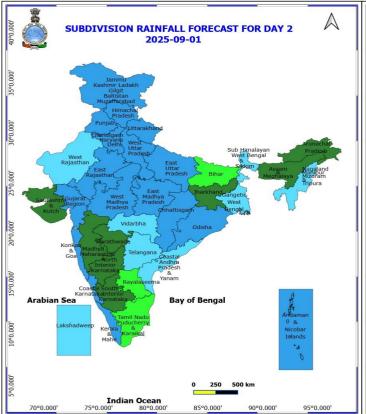


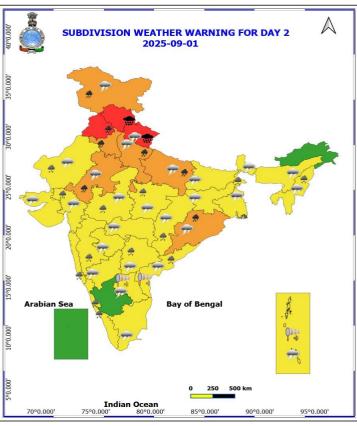
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eastcentral Arabian Sea.

- Squally weather with wind speed reaching 40 50 kmph gusting to 60 kmph likely to prevail along and off south Gujarat coasts, over most parts of south Bay of Bengal, Sri Lanka coast, over Gulf of Mannar, Andaman Sea.
- Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph over few parts of east central and adjoining north Arabian Sea.







### 1 September (Day 2)

- ❖ Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall very likely at isolated places over Himachal Pradesh and Uttarakhand.
- ♦ Heavy to Very Heavy Rainfall very likely at isolated places over East Rajasthan, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha, Punjab and Uttar Pradesh.
- ♦ Heavy Rainfall very likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh, Coastal Karnataka, Gujarat Region, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim, Telangana and West Rajasthan.
- **❖ Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands.
- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Andhra Pradesh, Bihar, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, North Interior Karnataka, Odisha and Telangana.
- ❖ Thunderstorm accompanied with Lightning very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Gujarat State, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Rajasthan, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Uttar Pradesh, Uttarakhand and Vidarbha.
- 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 along and off Somalia, Oman coasts, most parts of westcentral Arabian sea & some parts of southwest, adjoining

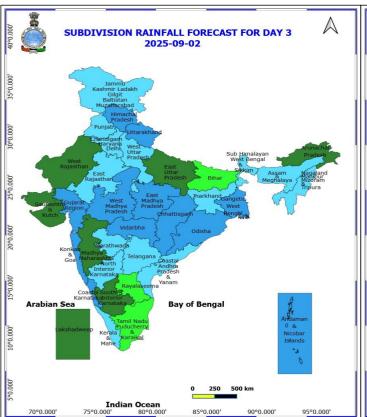


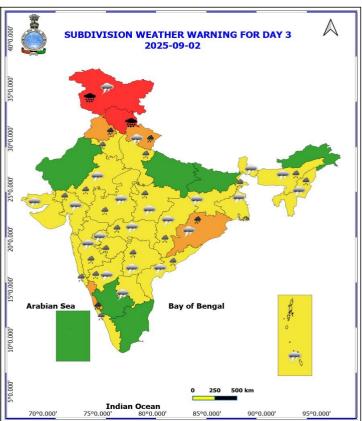
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eastcentral Arabian Sea.

- Squally weather with wind speed reaching 40 50 kmph gusting to 60 kmph likely to prevail along and off south Gujarat, Konkan, Goa coasts & adjoining sea areas, over few parts of eastcentral Arabian Sea, along and off Andhra Pradesh coast, over most parts of central, south Bay of Bengal, Sri Lanka coast, over Gulf of Mannar, Andaman Sea.
- Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph over few parts of east central and adjoining Sea.







### 2 September (Day 3)

- ❖ Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall very likely at isolated places over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ Heavy to Very Heavy Rainfall very likely at isolated places over Coastal Karnataka, Odisha, Punjab and Uttarakhand.
- ♦ Heavy Rainfall very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Rajasthan, Gujarat Region, Haryana, Chandigarh & Delhi, Kerala & Mahe, Konkan & Goa, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka, Sub Himalayan West Bengal & Sikkim, Telangana and West Uttar Pradesh.
- **❖ Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over North Interior Karnataka.
- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha and Telangana.
- ❖ Thunderstorm accompanied with Lightning very likely at isolated places over Andhra Pradesh, Assam & Meghalaya, Chhattisgarh, East Rajasthan, Gujarat State, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
  - Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman coasts, most parts of westcentral Arabian sea & some parts of southwest, adjoining eastcentral Arabian Sea.
  - . Squally weather with wind speed reaching 40 50 kmph gusting to 60 kmph likely to prevail along and off

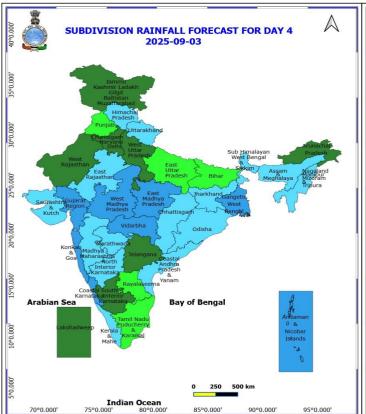


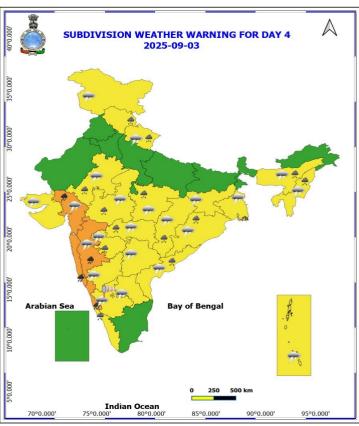
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Konkan, Goa coasts off Karnataka coasts over many parts of eastcentral Arabian Sea, along and off Odisha, north Andhra Pradesh & off south Andhra Pradesh coasts, over most parts of northwest, central, south Bay of Bengal, Sri Lanka coast, over Gulf of Mannar, Andaman Sea.

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### 3 September (Day 4)

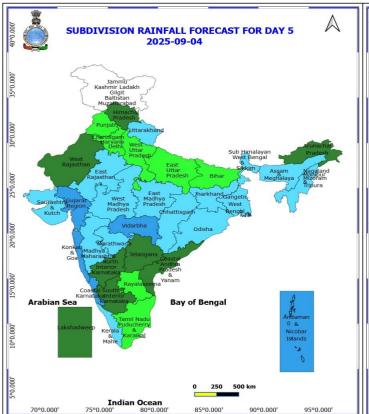
- ♦ Heavy to Very Heavy Rainfall likely at isolated places over Coastal Karnataka, Gujarat Region, Konkan & Goa and Madhya Maharashtra.
- ❖ Heavy Rainfall likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Rajasthan, Himachal Pradesh, Kerala & Mahe, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Odisha, Uttarakhand and Vidarbha.
- **❖ Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over North Interior Karnataka.
- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) likely at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, South Interior Karnataka and Telangana.
- ❖ Thunderstorm accompanied with Lightning likely at isolated places over Andhra Pradesh, Assam & Meghalaya, Chhattisgarh, East Rajasthan, Gujarat State, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ Strong Surface Winds likely at isolated places over South Interior Karnataka.
  - Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Yemen, Oman coasts, most parts of westcentral Arabian sea & some parts of southwest & eastcentral Arabian Sea.
  - Squally weather with wind speed reaching 40 50 kmph gusting to 60 kmph likely to prevail along and off Konkan, Goa, Karnataka coasts over some parts of eastcentral & adjoining southeast and southwest Arabian Sea, along and off Odisha, Andhra Pradesh coasts, over most parts of north, central, south Bay of Bengal, Sri

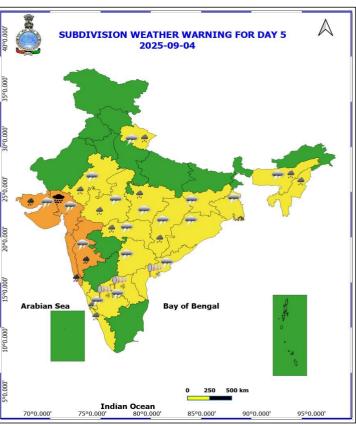


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Lanka coast, over Gulf of Mannar, Andaman Sea.



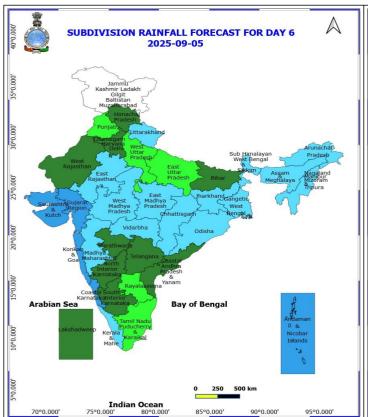


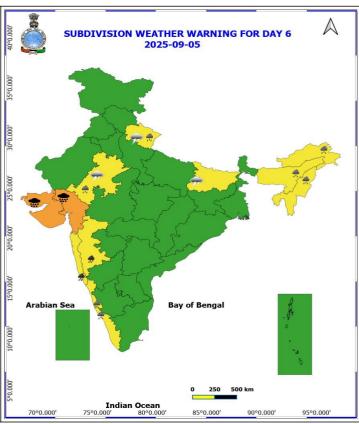


### 4 September (Day 5)

- Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall likely at isolated places over Gujarat Region.
- ♦ Heavy to Very Heavy Rainfall likely at isolated places over Konkan & Goa, Madhya Maharashtra and Saurashtra & Kutch.
- ♦ Heavy Rainfall likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, East Rajasthan, Kerala & Mahe, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and Vidarbha.
- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) likely at isolated places over Andhra Pradesh, Gangetic West Bengal, Jharkhand, Odisha, South Interior Karnataka and Telangana.
- ❖ Thunderstorm accompanied with Lightning likely at isolated places over Assam & Meghalaya, Chhattisgarh, East Rajasthan, Gujarat State, Madhya Maharashtra, Madhya Pradesh, Uttarakhand and Vidarbha.
- Strong Surface Winds likely at isolated places over Andhra Pradesh and South Interior Karnataka.
  - Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, off Oman coasts, most parts of westcentral Arabian sea & some parts of southwest & eastcentral Arabian Sea.
  - Squally weather with wind speed reaching 40 50 kmph gusting to 60 kmph likely to prevail along and off south Gujarat, Konkan & Goa, Karnataka off north Kerala, Lakshadweep, coasts over many parts of eastcentral Arabian Sea, along and off Odisha, north Andhra Pradesh coasts, over most parts of north, central, south Bay of Bengal, Sri Lanka coast, over Gulf of Mannar, Andaman Sea.





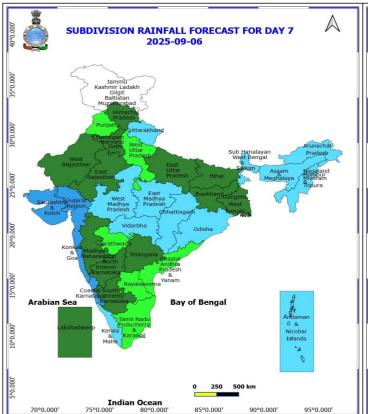


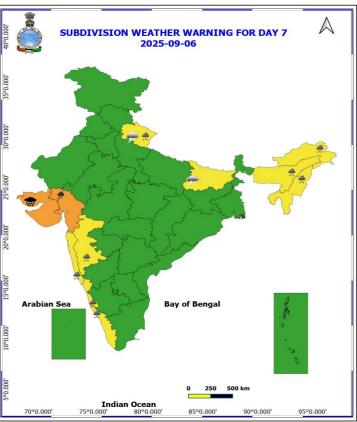
### 5 September (Day 6)

- Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall likely at isolated places over Gujarat State.
- \* Heavy to Very Heavy Rainfall likely at isolated places over Konkan & Goa and Madhya Maharashtra.
- ♦ Heavy Rainfall likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, East Rajasthan, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) likely at isolated places over Bihar.
- \* Thunderstorm accompanied with Lightning likely at isolated places over East Rajasthan and Uttarakhand.

No Fishermen Warning







### 6 September (Day 7)

- Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall likely at isolated places over Saurashtra & Kutch.
- ❖ Heavy to Very Heavy Rainfall likely at isolated places over Gujarat Region.
- ♦ Heavy Rainfall likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- \* Thunderstorm accompanied with lightning & gusty winds(30-40kmph) likely at isolated places over Bihar.
- Thunderstorm accompanied with Lightning likely at isolated places over Uttarakhand.

No Fishermen Warning



### National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

### **Flash Flood Warnings**

# 24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 01-09-2025:

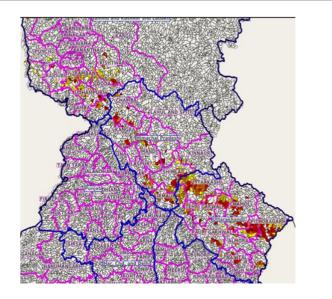
**Moderate to High flash flood risk** likely over few watersheds & neighbourhoods of following Met Subdivisions during next 24 hours.

**Himachal Pradesh** - Chamba, Kangra, Kinnaur, Kullu, Mandi, Shimla, Sirmaur and Solan districts.

**Jammu & Kashmir & Ladakh** - Anantnag, Doda, Kathua, Kistwar, Punch, Rajouri, Ramban, Riasi, Udhampur and Mirpur districts.

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



Fig. 1: Maximum Temperatures Dated 2025-08-31

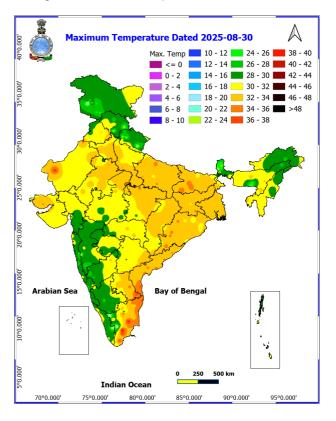


Fig. 3: Minimum Temperatures Dated 2025-08-31

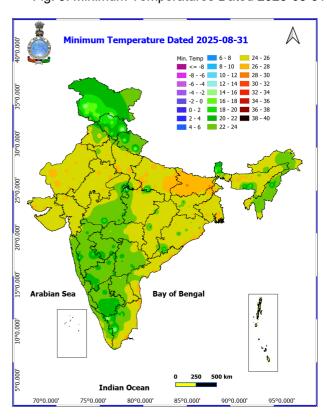


Fig. 2: Departure of Maximum Temp. Dated 2025-08-31

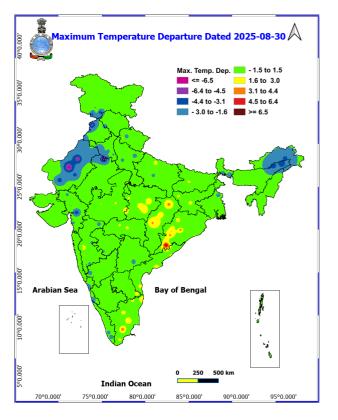
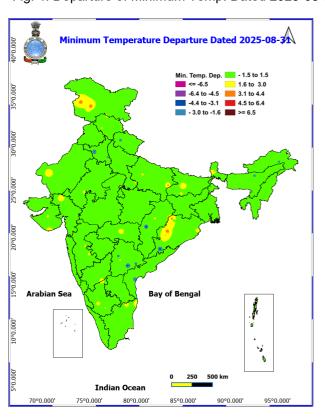
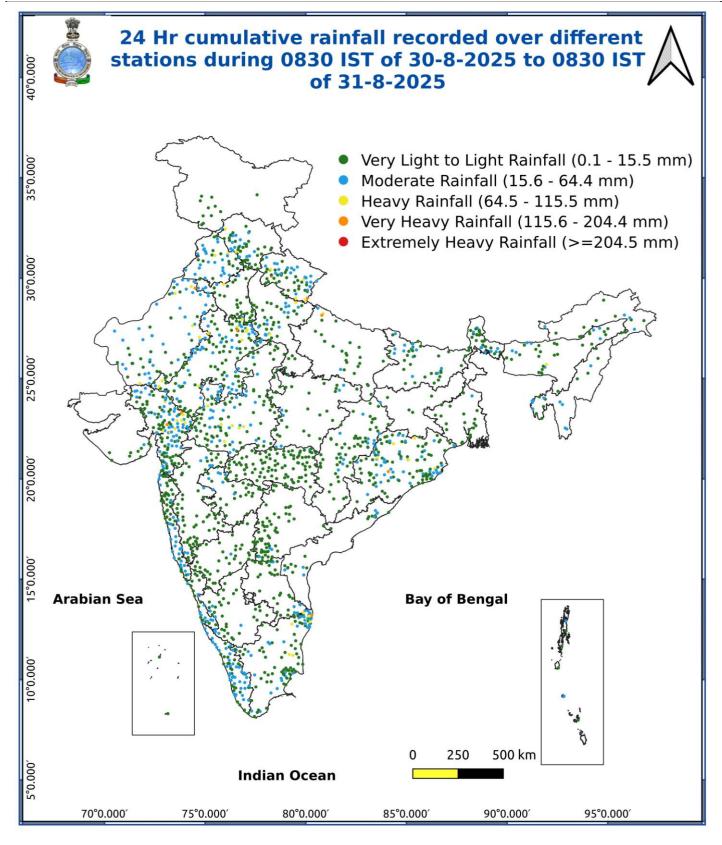


Fig. 4: Departure of Minimum Temp. Dated 2025-08-31









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### Impact & Action Suggested due to

- ♣ Heavy to very heavy rainfall with Extremely heavy rainfall (≥21 cm) at isolated places over Uttarakhand on 31<sup>st</sup> August & 01<sup>st</sup> September, southern parts of Himachal Pradesh during 31<sup>st</sup> August- 02<sup>nd</sup> September, Jammu-Kashmir-Ladakh on 02<sup>nd</sup> September; Gujarat Region on 04<sup>th</sup> & 05<sup>th</sup>, Saurashtra & Kutch on 05<sup>th</sup> & 06<sup>th</sup>.
- ❖ Isolated very heavy rainfall very likely over West Rajasthan, West Madhya Pradesh on 31st August; Himachal Pradesh, Punjab, Uttarakhand during 31st August- 02nd September; Jammu-Kashmir-Ladakh, Odisha on 01st & 02nd; Haryana Chandigarh & Delhi, West Uttar Pradesh, East Rajasthan at a few places on 31st August & 01st September; East Uttar Pradesh on 01st September; Gujarat Region on 31st August & during 03rd -06th September; Saurashtra & Kutch during 04th -06th; Konkan & Goa & Madhya Maharashtra on 03th, 04th & 05th September; Coastal Karnataka on 02nd & 03rd 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

- In **Uttarakhand**, maintain proper drainage channels in fields of green gram, black gram, barnyard millet and finger millet in **Sub Humid Sub Tropic Zone** and rice, green gram, black gram, sugarcane, maize, groundnut, soybean, finger millet and vegetables in **Bhabar and Tarai Zone**. In **Hill Zone**, postpone sowing of vegetable pea and radish and provide proper drainage in fields of finger millet, kidney beans and vegetables.
- In **Himachal Pradesh**, maintain proper drainage channels in ginger, turmeric and maize fields in **Mid Hills Sub Humid Zone** and rice, maize and vegetable fields in **Sub Montane and Low Hills Sub Tropical Zone**. In **High Hills Sub Temperate Wet Zone**, postpone transplanting of cabbage and cauliflower. Cover the vegetable nursery and crop with ploy sheet and ensure adequate drainage in fields of maize, finger millet and vegetables to avoid water stagnation.
- In **Jammu and Kashmir**, make arrangements to drain out excess rain water from fields of rice, maize, green gram and black gram in **Sub Tropical Zone** and maize, *kharif* pulses, rice and vegetables in **Intermediate Zone**.
- In **Punjab**, make arrangements to drain out excess water from fields of sugarcane, green gram and chilli in **Undulating Plain Zone**; cotton and maize in **Western Zone**; cotton, maize and vegetables in **Central Plain Zone**; cotton and sugarcane in **Western Plain Zone** and green gram and soybean in **Sub Montane Undulating Zone**.
- In **Haryana**, make arrangements to drain out excess water from fields of cotton, pearl millet, green gram and cluster bean in **Western Zone** and sugarcane, cotton, maize, pearl millet and vegetables in **Eastern Zone**.
- In **Uttar Pradesh**, make proper arrangements for drainage of excess rain water in pigeon pea and vegetables fields in **Western Plain Zone** and maize, pulses and oilseed crops in **South Western Semi Arid Zone**.
- In Rajasthan, make proper drainage arrangements in vegetable nurseries and fields of cotton, maize, soybean and pulses in Sub Humid Southern Plain and Aravali Hill Zone; vegetable nurseries and fields of standing crops such as pearl millet, black gram and sesame in Flood Prone Eastern Plain Zone and pearl millet, green gram, sesame and moth bean in Arid Western Plain Zone.
- In **Madhya Pradesh**, provide adequate drainage in fields of soybean, maize and vegetables in **Malwa Plateau Zone** and maize, soybean, green gram, black gram, pigeon pea and vegetables in **Gird Zone**.
- In Gujarat, make arrangements to drain out excess rain water from fields of rice, sugarcane, okra, tuber crops and vegetables in South Gujarat Heavy Rainfall Zone: rice, cotton, sugarcane, pigeon pea and fruit orchards (banana and \*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

mango) in **South Gujarat Zone** and rice, pearl millet, pigeon pea, cotton, soybean, maize and castor in **Middle Gujarat Zone**.

In **Odisha**, make provision for draining out excess rain water from fields of rice, black gram, green gram, pigeon pea, maize, groundnut and vegetables in **Eastern Ghat High Land Zone** and **South Eastern Ghat** Zone and rice, maize, pigeon pea, and vegetables in **North Eastern Ghat Zone** and rice, cotton, pigeon pea and maize in **Western Undulating Zone**.

#### Livestock / Fisherv

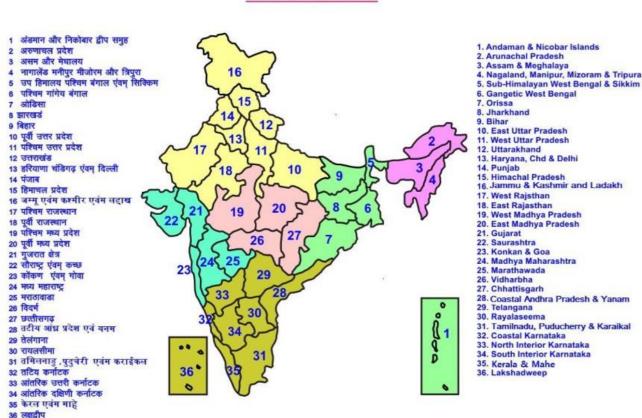
- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- > Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

### 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**



# 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

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



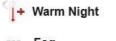




**Cold Wave** 







Hot & Humid



		LEGENDS
	WARNING	Probabilistic Forecast
	WARNING (TAKE ACTION) ALERT ( BE PREPARED)	Terms Probability of Occurrence ( Unlikely < 25
	WATCH (BE UPDATED)	Likely 25 - 50  Very Likely 50 - 75
	NO WARNING ( NO ACTION)	Most Likely > 75
/ Ç	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 s (a) Based on Departure from norm	station reaches ≥40° C for plains and ≥30° C f al
	Heat Wave: Maximum Temperature Dep	
Ĵ+	Severe Heat Wave: Maximum Tempera	
eat Wave	(b). Based on Actual maximum tem	
	Heat Wave: When actual maximum tem Severe Heat Wave: When actual maxim	
	( c). Criteria for heat wave for coas	
9.	When maximum temperature rem	
arm Night	Warm Night: When minimum temperatu	
inigiit	Severe Warm Night: When minimum te	mperature departure >6.4 °C.
	When minimum temperature of a (a). Based on departure Cold Wave: Minimum Temperature Dep	a station ≤10°C for plains and ≤0°C for hilly r
	Severe Cold Wave: Minimum Temperature Dep	
Ñ-	(b) Based on actual Minimum Tem	
old Wave	Cold Wave : When Minimum Temperatu	
	Severe Cold Wave: When Minimum Te	mperature is ≤ 2.0 °C
	( c) For Coastal Stations	
	When Minimum Temperature departure	is ≤-4.5 °C & actual Minimum Temperature is ≤ 15 °
<u>Q</u> -	When minimum temperature of a s Based on departure Cold Day: Maximum Temperature Depa	station ≤10°C for plains and ≤0°C for hilly region
Cold Day	The second of th	ure Departure from normal ≤ -6.5 °C
- 20		
	Phenomenon of small droplets	s suspended in air and the horizontal visil
<b>©</b>	Phenomenon of small droplets Moderate Fog: When the visibility betw	s suspended in air and the horizontal visil reen 500-200 metres
Fog	Phenomenon of small droplets	s suspended in air and the horizontal visil reen 500-200 metres 150-200 metres
Fog ##	Phenomenon of small droplets Moderate Fog: When the visibility between Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50	s suspended in air and the horizontal visil reen 500-200 metres 150-200 metres
	Phenomenon of small droplets Moderate Fog: When the visibility between Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manifound (thunder)	s suspended in air and the horizontal visil ween 500-200 metres 50-200 metres 0 metres
Fog  ## understorm  oust/Sand	Phenomenon of small droplets Moderate Fog: When the visibility betw Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manisound (thunder)  An ensemble of particles of dust of turbulent wind.	s suspended in air and the horizontal visil reen 500-200 metres i 50- 200 metres 0 metres ifested by a flash of light (Lightning) and a shar
Fog  Inderstorm  Just/Sand Storm	Phenomenon of small droplets Moderate Fog: When the visibility between Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manisound (thunder)  An ensemble of particles of dust o	s suspended in air and the horizontal visil reen 500-200 metres i 50- 200 metres 0 metres ifested by a flash of light (Lightning) and a shar
Fog  ## understorm  ust/Sand	Phenomenon of small droplets Moderate Fog: When the visibility betw Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50 Sudden electrical discharges manisound (thunder)  An ensemble of particles of dust of turbulent wind.  Ice deposits on ground	s suspended in air and the horizontal visil reen 500-200 metres i 50- 200 metres 0 metres ifested by a flash of light (Lightning) and a shar
Fog  ## Inderstorm ust/Sand Storm	Phenomenon of small droplets  Moderate Fog: When the visibility between Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50  Sudden electrical discharges manifound (thunder)  An ensemble of particles of dust of turbulent wind.  Ice deposits on ground  Air temperature <4°C (over Plains)  A strong wind that rises sudden	s suspended in air and the horizontal visil reen 500-200 metres i 50- 200 metres 0 metres ifested by a flash of light (Lightning) and a shar
Fog  ## nderstorm st/Sand Storm	Phenomenon of small droplets  Moderate Fog: When the visibility between Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50  Sudden electrical discharges manifound (thunder)  An ensemble of particles of dust of turbulent wind.  Ice deposits on ground  Air temperature ≤4°C (over Plains)  A strong wind that rises sudding Moderate: Wind speed 52-61 kmph	s suspended in air and the horizontal visil teen 500-200 metres 50-200 metres 0 metres ifested by a flash of light (Lightning) and a shar or sand energetically lifted to great heights by a
Fog  ## understorm ust/Sand Storm  ## Frost	Phenomenon of small droplets  Moderate Fog: When the visibility between Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50  Sudden electrical discharges manifound (thunder)  An ensemble of particles of dust of turbulent wind.  Ice deposits on ground  Air temperature ≤4°C (over Plains)  A strong wind that rises sudding defense wind speed 52-61 kmph Severe: Wind speed 62-87 kmph	s suspended in air and the horizontal visil teen 500-200 metres 50-200 metres 0 metres ifested by a flash of light (Lightning) and a shar or sand energetically lifted to great heights by a
Fog  Understorm  Dust/Sand Storm	Phenomenon of small droplets Moderate Fog: When the visibility between Dense Fog: when the visibility between Very Dense Fog: when the visibility 500 Sudden electrical discharges manisound (thunder)  An ensemble of particles of dust of 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	s suspended in air and the horizontal visil reen 500-200 metres 150-200 metres 0 metres ifested by a flash of light (Lightning) and a sharp or sand energetically lifted to great heights by a metric sand energetically lifted to great heights by a
Fog  If understorm  Dust/Sand Storm  SSFrost	Phenomenon of small droplets  Moderate Fog: When the visibility betw Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50  Sudden electrical discharges maniform sound (thunder)  An ensemble of particles of dust of turbulent wind.  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 52-87 kmph Very Severe: Wind speed >87 kmph  Effect of various waves in the sea	s suspended in air and the horizontal visil reen 500-200 metres 50-200 metres 0 metres fested by a flash of light (Lightning) and a shar or sand energetically lifted to great heights by a lenly, lasts for atleast 1 minute.
Fog  If understorm  Dust/Sand Storm  SSFrost	Phenomenon of small droplets Moderate Fog: When the visibility between Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50  Sudden electrical discharges maniform sound (thunder)  An ensemble of particles of dust of turbulent wind.  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 41-4	s suspended in air and the horizontal visil reen 500-200 metres 150-200 metres 0 metres 0 metres or sand energetically lifted to great heights by a renly, lasts for atleast 1 minute.  over specific area 62 kmph (22-33 knots) & Wave height 2.5-6 metre
Fog  If nderstorm  ust/Sand Storm  Frost  Gauall	Phenomenon of small droplets Moderate Fog: When the visibility between Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50  Sudden electrical discharges maniform sound (thunder)  An ensemble of particles of dust of turbulent wind.  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 41-4	s suspended in air and the horizontal visil men 500-200 metres 150-200 metres 0 metres 0 metres or sand energetically lifted to great heights by a mental energy lifted to great hei
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Fog  ## understorm ust/Sand Storm  ## Frost	Phenomenon of small droplets Moderate Fog: When the visibility between Very Dense Fog: when the visibility between Very Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50  Sudden electrical discharges maniform sound (thunder)  An ensemble of particles of dust of turbulent wind.  Ice deposits on ground Air temperature ≤4°C (over Plains)  A strong wind that rises sudd Moderate: Wind speed 52-61 kmph Severe: Wind speed 52-87 kmph Very Severe: Wind speed >87 kmph  Effect of various waves in the sea Rough to very rough: Wind speed 41-High to very high: Wind speed 63-117 kmph (20 Phenomenal: Wind speed 62-87 kmph (20 Cyclonic Storm: Wind speed 62-87 kmph (20 Cyclonic Sto	s suspended in air and the horizontal visil reen 500-200 metres 150-200 metres 0 metres 0 metres offested by a flash of light (Lightning) and a sharp or sand energetically lifted to great heights by a enly, lasts for atleast 1 minute.  over specific area 62 kmph (22-33 knots) & Wave height 2.5-6 metre kmph ( 34-63 knots) & Wave height 6-14 metre >53 knots) & Wave height >14 metre ph (34-47 knots)
Fog  ## nderstorm ust/Sand Storm  Frost  Gauall	Phenomenon of small droplets  Moderate Fog: When the visibility betw Dense Fog: when the visibility between Very Dense Fog: when the visibility < 50  Sudden electrical discharges manisound (thunder)  An ensemble of particles of dust of turbulent wind.  Ice deposits on ground  Air temperature ≤4°C (over Plains)  A strong wind that rises sudden 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 41-4 High to very high: Wind speed 63-117 kmph (20  Cyclonic Storm: Wind speed 82-87 kmgh  Cyclonic Storm: Wind speed 82-87 kmgh  Cyclonic Storm: Wind speed 82-87 kmgh  Revere Cyclonic Storm: Wind speed 83-87 kmg  Severe Cyclonic Storm: Wind speed 83-87 kmg	s suspended in air and the horizontal visil seen 500-200 metres 50-200 metres 0 metres 0 metres ifested by a flash of light (Lightning) and a share or sand energetically lifted to great heights by a senly, lasts for atleast 1 minute.  over specific area 62 kmph (22-33 knots) & Wave height 2.5-6 metre kmph (34-63 knots) & Wave height 6-14 metre >63 knots) & Wave height >14 metre ph (34-47 knots) 88-117 kmph (48-63 knots)
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