



Government of India  
Ministry of Earth Sciences  
India Meteorological Department



Press Release

Date: 17th August, 2025

Time of Issue: 1345 hours IST

**Subject: i) Fresh Low-Pressure area over westcentral adjoining northwest Bay of Bengal, off north Andhra Pradesh and south Odisha coasts and its likely intensification into a depression during next 24 Hours.**

**ii) Heavy to very heavy rainfall over Goa, Maharashtra (including Mumbai), Gujarat State during next 7 days with Extremely heavy falls over Konkan (including Mumbai) & Goa, Ghat area of Madya Maharashtra during 17<sup>th</sup>-19<sup>th</sup>, Gujarat Region and during 18<sup>th</sup>-20<sup>th</sup>; Saurashtra on 19<sup>th</sup> & 20<sup>th</sup> August with peak activity on 19<sup>th</sup> & 20<sup>th</sup> August.**

**iii) Heavy to very heavy rainfall likely over Andhra Pradesh, Telangana, Chhattisgarh and Odisha during next two days with isolated extremely heavy over coastal Andhra Pradesh during 17<sup>th</sup>-18<sup>th</sup>, Odisha and Telangana on 18<sup>th</sup> August.**

**Realised weather during past 24 hours till 0830 hours IST of today, the 17<sup>th</sup> August, 2025:**

- ❖ Heavy to very heavy rainfall with extremely heavy falls ( $\geq 21$  cm) has been recorded at isolated places over Punjab and Madhya Maharashtra.
- ❖ Very heavy rainfall (12-20 cm) has been recorded at isolated places over Konkan & Goa.
- ❖ Heavy rainfall (7-11 cm) has been recorded at isolated places over Coastal Karnataka, Telangana, Marathawada, Saurashtra & Kutch, South Interior Karnataka, East Rajasthan, Haryana Chandigarh, Uttarakhand, Gujarat Region, Andaman & Nicobar Islands, Kerala & Mahe, Nagaland, Manipur, Mizoram & Tripura.

For more details of realised weather, kindly refer **Annexure I**.

**i. Weather Systems, Forecast and Warnings (refer to Annexure II & III):**

- ❖ The Monsoon trough runs south of its normal position.
- ❖ Under the influence of the upper air cyclonic circulation over west central and adjoining northwest Bay of Bengal off north Andhra Pradesh and south Odisha coasts at 0530 Hrs IST of today, a fresh low-pressure area has formed over the same region at 0830 hrs IST of today, 17th August 2025. It is likely to move west –northwestwards and concentrate into a depression during subsequent 24-hours and cross south Odisha-north Andhra Pradesh coasts around forenoon of 19th Aug 2025.
- ❖ Yesterday's **low-Pressure area over south Chhattisgarh & neighbourhood** moved west northwestward and lay over Vidarbha & neighbourhood at 0830 hrs IST of today, the 17<sup>th</sup> August 2025. It is likely to move west-northwestwards and weaken gradually and reach Gujarat around 18<sup>th</sup> August morning as a remnant Cyclonic Circulation.
- ❖ An **upper air cyclonic circulation** lay over Northeast Arabian Sea & adjoining south Gujarat-Konkan between lower & middle tropospheric levels.
- ❖ A **trough** runs from northeast Arabian sea to upper air cyclonic circulation associated with the low-pressure area over westcentral and adjoining northwest Bay of Bengal, off north Andhra Pradesh and south Odisha coasts across north Marathawada, cyclonic circulation associated with Vidarbha and neighbourhood, and south Chhattisgarh, between lower & middle tropospheric levels tilting southwards with height.
- ❖ An **upper air cyclonic circulation** lay over central Pakistan and adjoining Punjab at lower tropospheric levels.

Under the influence of these systems, the following weather is likely:

#### West India:

- ❖ **Extremely heavy rainfall** very likely at isolated places over Konkan & Goa; Ghat areas of Madhya Maharashtra during 17<sup>th</sup> -19<sup>th</sup>; Gujarat State on 19<sup>th</sup> & 20<sup>th</sup> August.
- ❖ Isolated to scattered **heavy to very heavy rainfall** likely over Madhya Maharashtra, Gujarat State during 17<sup>th</sup> - 21<sup>st</sup>, Konkan (including Mumbai) & Goa during 17<sup>th</sup> -20<sup>th</sup>; Marathawada on 17<sup>th</sup> & 18<sup>th</sup> August.
- ❖ Isolated **heavy rainfall** likely over Konkan & Goa, Madhya Maharashtra, Gujarat State during 7 days, Marathawada during next 3 days.
- ❖ Strong surface winds (speed reaching 40-50 kmph) very likely over the region till 20<sup>th</sup> August.
- ❖ Light to moderate rainfall at most/many places very likely over the region during next 7 days.

#### South Peninsular India:

- ❖ **Extremely heavy rainfall** very likely at isolated places over Coastal Karnataka, Coastal Andhra Pradesh & Yanam, South Interior Karnataka on 17<sup>th</sup> & 18<sup>th</sup>; Telangana on 18<sup>th</sup> August.
- ❖ Isolated **heavy rainfall** likely over Tamil Nadu on 17<sup>th</sup>; Coastal Andhra Pradesh & Yanam, Interior Karnataka during 17<sup>th</sup>-20<sup>th</sup>; Rayalaseema on 17<sup>th</sup> & 18th; Telangana during 17<sup>th</sup>-19<sup>th</sup>; Coastal Karnataka during 17<sup>th</sup> -21<sup>st</sup>; Kerala & Mahe during 18<sup>th</sup>-20<sup>th</sup> August with isolated **very heavy rainfall over Kerala & Mahe on 18<sup>th</sup>; Rayalaseema on 17<sup>th</sup> & 18th; Coastal Karnataka during 17<sup>th</sup> - 20<sup>th</sup>; Telangana, Interior Karnataka on 17<sup>th</sup>- 19<sup>th</sup> August.**
- ❖ Strong surface winds (speed reaching 40-50 kmph) very likely over South Peninsular India till 19<sup>th</sup> August.
- ❖ Light to moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over Rayalaseema, Tamil Nadu, Coastal Andhra Pradesh & Yanam and Telangana during next 5 days.

#### East & Central India:

- ❖ **Extremely heavy rainfall** very likely at isolated places over south Odisha & south Chhattisgarh on 18<sup>th</sup> August.
- ❖ Isolated **heavy rainfall** likely over Madhya Pradesh & Chhattisgarh during next 7 days; Vidarbha during 4 days; Odisha during 17<sup>th</sup>-19<sup>th</sup>, 22nd & 23rd; Andaman & Nicobar Islands on 17<sup>th</sup>; Sub-Himalayan West Bengal & Sikkim on 17<sup>th</sup>, 19th, 20th & 21st; Gangetic West Bengal, Jharkhand on 22nd & 23rd; Bihar during 21<sup>st</sup>-23rd; Jharkhand on 19<sup>th</sup>, 21<sup>st</sup> & 22<sup>nd</sup> August with **isolated very heavy rainfall over West Madhya Pradesh on 17<sup>th</sup>, 18<sup>th</sup>, 22<sup>nd</sup> & 23<sup>rd</sup>; East Madhya Pradesh on 23<sup>rd</sup>; Vidarbha, Chhattisgarh, Odisha on 17<sup>th</sup> & 18<sup>th</sup> August.**
- ❖ Light to moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over the region during next 5 days.

#### Northwest India:

- ❖ Isolated **heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 17<sup>th</sup>- 19<sup>th</sup>; Himachal Pradesh on 17<sup>th</sup> & 18<sup>th</sup> & during 21<sup>st</sup>-23<sup>rd</sup>; Uttarakhand, East Rajasthan during next 7 days; Punjab during 17<sup>th</sup>-19<sup>th</sup> & on 23<sup>rd</sup>; Haryana Chandigarh & Delhi on 17<sup>th</sup>, 18<sup>th</sup>, 22<sup>nd</sup> & 23<sup>rd</sup>; West Uttar Pradesh on 22<sup>nd</sup> & 23<sup>rd</sup>; East Uttar Pradesh during 21<sup>st</sup>-23<sup>rd</sup> August with **very heavy rainfall over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Uttarakhand, Punjab, Haryana Chandigarh & Delhi on 17<sup>th</sup>; Himachal Pradesh on 17<sup>th</sup> & 23<sup>rd</sup>; East Rajasthan on 20<sup>th</sup> August.**
- ❖ Light/moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Uttarakhand & Rajasthan during next 7 days.

#### Northeast India:

- ❖ Isolated **heavy rainfall** likely to continue over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Arunachal Pradesh during 7 days with **very heavy rainfall over Arunachal Pradesh on 20<sup>th</sup> & 21<sup>st</sup>; Nagaland, Manipur, Mizoram & Tripura, Assam & Meghalaya during 20<sup>th</sup>-23<sup>rd</sup> August.**
- ❖ Light/moderate rainfall at many places accompanied with thunderstorm & lightning likely during next 3 days.

#### Fishermen warning:

Fishermen are advised not to venture into the following from 17<sup>th</sup> August to 22<sup>nd</sup> August 2025 to the following Areas:

##### Arabian Sea

Most parts of westcentral Arabian Sea and adjoining areas of eastcentral & southwest Arabian Sea during 17<sup>th</sup> to 22<sup>nd</sup> August; over Comorin area during 17<sup>th</sup> to 20<sup>th</sup> August; Lakshadweep area during 17<sup>th</sup> to 20<sup>th</sup> August; along and off Konkan, Goa, Karnataka coasts during 17<sup>th</sup> to 22<sup>nd</sup> August, along & off Kerala coasts during 17<sup>th</sup> to 20<sup>th</sup> August and over , Karnataka coasts during 17<sup>th</sup> to 21<sup>th</sup> August, along and off south Gujarat coast during 17<sup>th</sup> to 20<sup>st</sup> August and entire Gujarat during 20<sup>th</sup> to 22<sup>nd</sup> August.

Along and off the Somalia, Oman coasts and adjoining sea areas during 17<sup>th</sup> to 22<sup>nd</sup> August.

**Bay of Bengal:**

Along and off Sri Lanka coast for 17<sup>th</sup> to 20<sup>th</sup> August; over most parts Bay of Bengal during 17<sup>th</sup> to 20<sup>th</sup> August and central and adjoining northwest Bay of Bengal during 20<sup>th</sup> to 22<sup>nd</sup> August, along and off Andhra Pradesh during 17<sup>th</sup> to 20<sup>th</sup> August and north Andhra Pradesh Coasts during 20<sup>th</sup> to 22<sup>nd</sup> August; along and off south Odisha coasts on 17<sup>th</sup> August and entire Odisha during 18<sup>th</sup> to 22<sup>nd</sup> August.

Over Gulf of Mannar during 17<sup>th</sup> to 20<sup>th</sup> August and along & off Tamil Nadu coast during 17<sup>th</sup> to 20<sup>th</sup> August.

Over Andaman Sea during 17<sup>th</sup> to 19<sup>th</sup> August.

**ii. Weather conditions and forecast over Delhi/NCR during 17<sup>th</sup> to 20<sup>th</sup> August, 2025 (Annexure IV)**

For more details, kindly refer National Weather Bulletin:

[https://mausam.imd.gov.in/responsive/all\\_india\\_forcast\\_bulletin.php](https://mausam.imd.gov.in/responsive/all_india_forcast_bulletin.php)

For District wise warnings refer: <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

For Fishermen warning refer <https://rsmcnewdelhi.imd.gov.in/fishermen-warning.php>

**ANNEXURE I****Rainfall recorded (in cm) during past 24 hours till 0830 hours IST of today, the 17<sup>th</sup> August:**

**Punjab:** Phangota (dist Pathankot) 22, Ranjit Sagar Dam Site (dist Pathankot) 19, Madhopur (dist Pathankot) 9, Thein Dam Aws (dist Pathankot) 8, Malikpur (dist Pathankot) 7;

**Madhya Maharashtra:** Erandol (dist Jalgaon) 21, Mahabaleshwar- Imd Obsy (dist Satara) 16, Dahigaon -Fmo (dist Jalgaon) 13, Radhanagari (dist Kolhapur) 11, Girnadam - Fmo (dist Nashik) 10, Dharangaon (dist Jalgaon) 7, Dhule (dist Dhule) 7, Pachora (dist Jalgaon) 7;

**Konkan & Goa:** Wakwali\_agri (dist Ratnagiri) 19, Khed (dist Ratnagiri) 18, Mhasla (dist Raigad) 15, Vasai (dist Palghar) 14, Savarde-arg (dist Ratnagiri) 14, Mangaon (dist Raigad) 14, Dapoli\_agri (dist Ratnagiri) 13, Harnai Imd Obsy (dist Ratnagiri) 13, Chiplun (dist Ratnagiri) 13, Sudhagad Pali (dist Raigad) 12, Bhiwandi (dist Thane) 11, Matheran (dist Raigad) 11, Mahad (dist Raigad) 11, Panvel\_agri (dist Raigad) 11, Mandangad (dist Ratnagiri) 11, Tbia Imd Part Time (dist Thane) 10, Roha (dist Raigad) 10, Uran (dist Raigad) 10, Shriwardhan (dist Raigad) 10, Pen (dist Raigad) 10, Thane (dist Thane) 10, Poladpur (dist Raigad) 10, Santacruz - Imd Obsy (dist Mumbai Suburban) 8, Palghar\_agri (dist Palghar) 8, Tala (dist Raigad) 8, Karjat\_agri (dist Raigad) 7;

**Coastal Karnataka:** Castle Rock (dist Uttara Kannada) 18, Jagalbet (dist Uttara Kannada) 14, Dharmasthala (dist Dakshina Kannada) 10, Siddapura (dist Udupi) 7;

**Telangana:** Tamsi (dist Adilabad) 17, Adilabad (dist Adilabad) 17, Talamadugu (dist Adilabad) 16, Sarangapurnrl (dist Nirmal) 13, Bheemini (dist Mancherial) 12, Jainoor (dist Kumaram Bheem) 10, Kerameri (dist Kumaram Bheem) 10, Bazarhathnoor (dist Adilabad) 9, Boath (dist Adilabad) 9, Velagatoor (dist Jagtial) 9, Dilawarpur (dist Nirmal) 8, Dahegaon (dist Kumaram Bheem) 7, Jaipur (dist Mancherial) 7, Tandoormncl (dist Mancherial) 7, Mudhole (dist Nirmal) 7;

**Marathwada:** Himayatnagar (dist Nanded) 16, Hadgaon (dist Nanded) 13, Tondapur- Arg (dist Hingoli) 12, Soegaon (dist Chh. Sambhajinagar) 11, Kallamnuri (dist Hingoli) 8, Vasmat (dist Hingoli) 8, Sengaon (dist Hingoli) 7, Purna (dist Parbhani) 7, Nanded - Imd Parttime (dist Nanded) 7, Kandhar (dist Nanded) 7;

**Saurashtra & Kutch:** Bhesan (dist Junagadh) 16, Jamkandorna (dist Rajkot) 12, Gondal (dist Rajkot) 11, Vadia (dist Amreli) 11, Dhari Aws (dist Amreli) 9, Dhari (dist Amreli) 8, Halvad (dist Morbi) 7;

**South Interior Karnataka:** Sringeri Hms (dist Chikkamagaluru) 13, Kammardi (dist Chikkamagaluru) 13, Agumbe Aws (dist Shivamogga) 12, Jayapura (dist Chikkamagaluru) 12, Koppa (dist Chikkamagaluru) 11, Kalasa (dist Chikkamagaluru) 8, Balehonnur (dist Chikkamagaluru) 7;

**Nagaland, Manipur, Mizoram & Tripura:** Mangkolemba (dist Mokokchung) 12, Chawngte (ARG) (dist Lawntlai) 12, Chhamonu (dist Dhalai) 11, Wokha Sadar Nsdma\_aws (dist Wokha) 8, Kohima (dist Kohima) 8;

**East Rajasthan:** Masuda (Ajmer) 11, Mount abu Tehsil (Sirohi) 11, Kishangarh (Ajmer) 8;

**Haryana-Chandigarh** Samalkha (dist Panipat) 10, Narayangarh Arg (dist Ambala) 10, Dadupur (dist Yamuna Nagar) 7;

**Uttarakhand:** Sama (dist Bageshwar) 9, Jakholi (dist Rudraprayag) 8, Mori (dist Uttarkashi) 8, Dhanaulti (dist Garhwal Tehri) 8, Loharkhet (dist Bageshwar) 8, Didihat (dist Pithoragarh) 8, Uttar Kashi (dist Uttarkashi) 8, Bageshwar (thmo) (dist Bageshwar) 7, Barkot (dist Uttarkashi) 7, Mussoorie (dist Dehradun) 7, Uttar Kashi (cwc) (dist Uttarkashi) 7, Laksar (dist Hardwar) 7;

**Tamilnadu:** Chinnakalar (dist Coimbatore) 9, Valparai PAP (dist Coimbatore), Valparai Taluk Office (dist Coimbatore) 7 each;

**Gujarat Region:** Rajpipala (dist Narmada) 9, Dantiwada (dist Banaskantha) 9, Nandod (dist Narmada) 8;

**Andaman & Nicobar Islands:** Port Blair (dist South Andaman) 9;

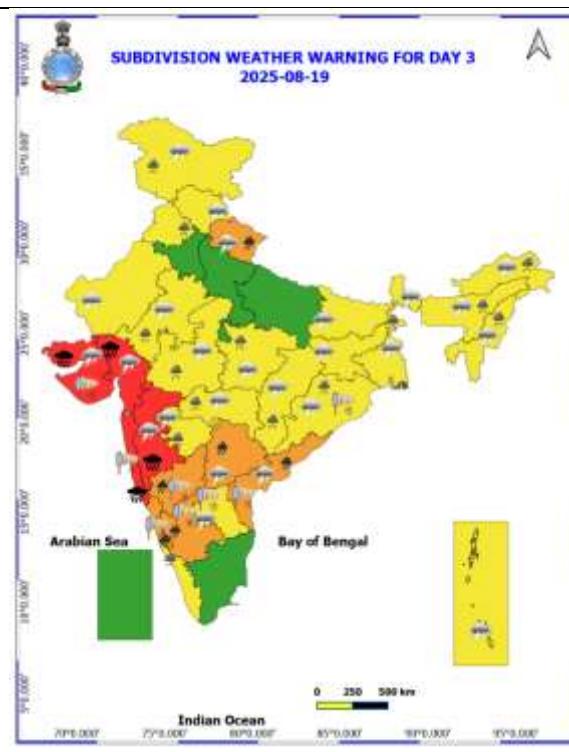
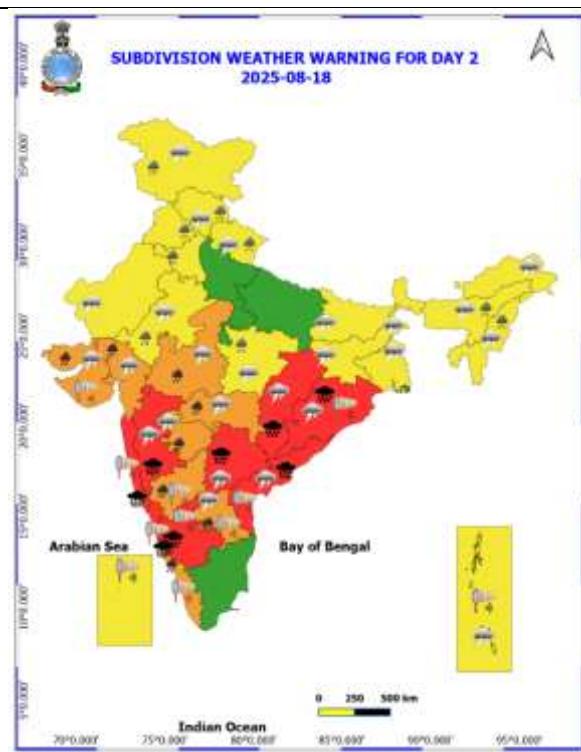
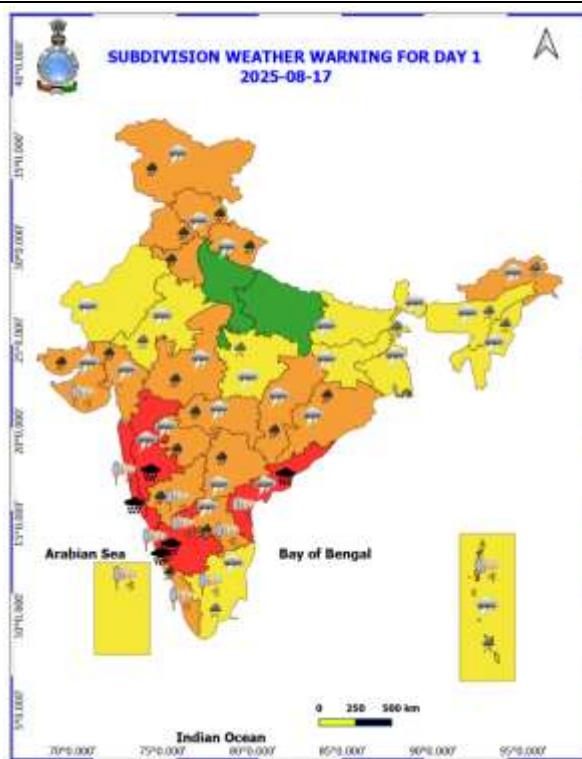
**Kerala & Mahe:** Ayyankunnu (dist Cannur) 8;

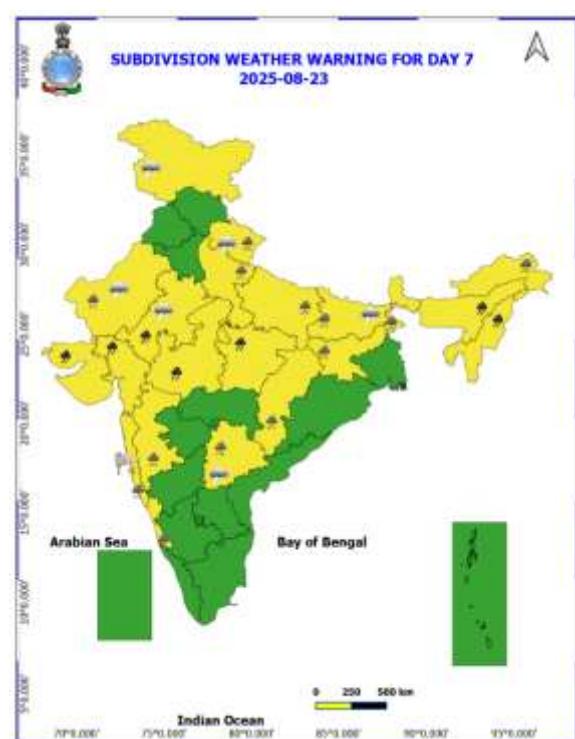
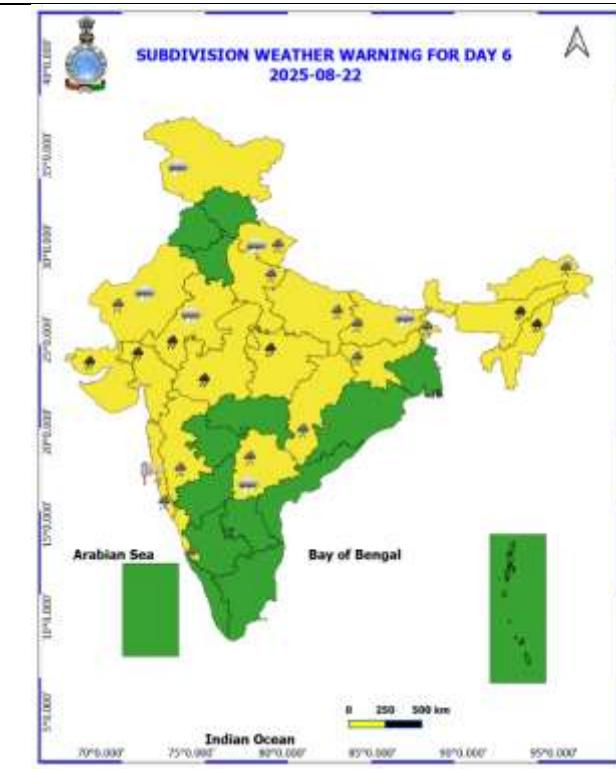
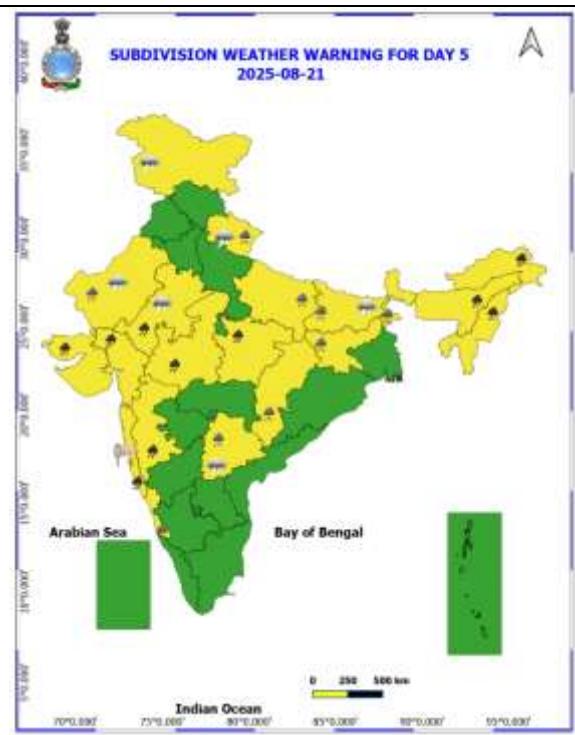
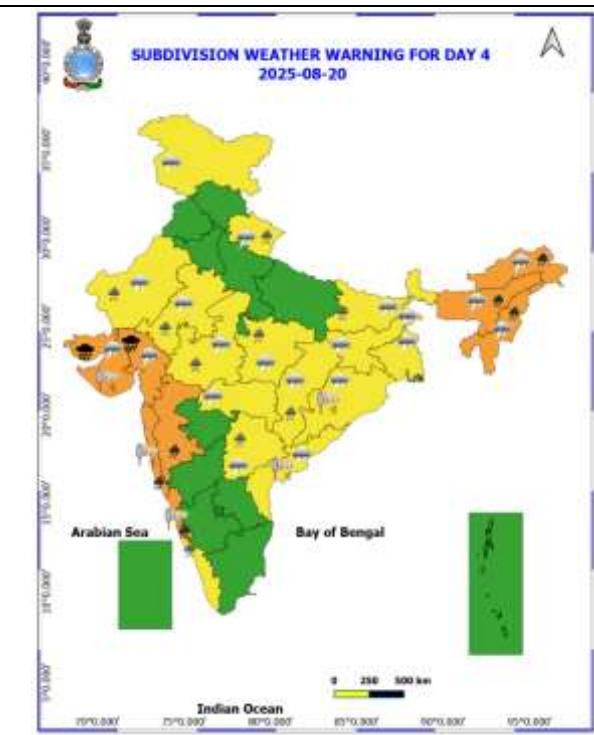
**ANNEXURE II**

**Table-1**  
**7 Days Rainfall Forecast**

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

- As the lead period increases forecast accuracy decrease.





- Action may be taken based on ORANGE AND RED COLOUR warnings.
- Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.
- As the lead period increases forecast accuracy decreases.

Detailed district wise Multi Hazard weather warning for next five days available at  
<https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

**Weather forecast over Delhi/NCR during 17<sup>th</sup> August to 20<sup>th</sup> August 2025****Past Weather:**

There has been no large change in Minimum temperatures and markedly rise in maximum temperatures by 3-4°C in past 24 hours over Delhi. The minimum temperatures are in the range of 24-26°C and maximum temperatures were in the range of 33-35°C. The minimum temperatures are near normal and maximum temperatures were near normal over Delhi. South Easterly winds prevailed with wind speed upto 13 kmph in past 24 hours over Delhi. Maximum rainfall of 4.6 mm has been recorded at Ayanagar during past 24 hrs over Delhi. Generally cloudy sky conditions with a wind speed of upto 10-15 kmph from the northeast direction prevailed over the region in the forenoon today.

**Weather Forecast:**

**17.08.2025:** Generally cloudy sky. Possibility of one or two spells of very light to light rain/thunderstorm at few places during afternoon/evening. The maximum temperatures over Delhi are likely to be in the range of 32 to 34°C. The maximum temperature will be near normal. The predominant surface wind will likely be from the southeast direction with a wind speed of upto 10-15 kmph during the afternoon/evening/night.

**18.08.2025:** Generally cloudy sky. Possibility of one or two spells of very light to light rain/thundershowers during forenoon/afternoon. The maximum and minimum temperatures over Delhi are likely to be in the range of 32 to 34°C and 23 to 25°C respectively. The maximum temperature will be near normal and minimum temperature will be below normal upto 1 to 2 °C. The predominant surface wind will likely to be from the southeast direction with a wind speed of upto 10-15 kmph during morning hours. The wind speed and direction will remain same during afternoon/evening/night.

**19.08.2025:** Generally cloudy sky. Possibility of very light to light rain/thundershowers. The maximum and minimum temperatures over Delhi are likely to be in the range of 33 to 35°C and 23 to 25°C respectively. The maximum temperature will be above normal upto 1 to 2°C and the minimum temperature will be below normal upto 2 to 3°C. The predominant surface wind will likely to be from the southeast direction with a wind speed of upto 10-15 kmph during morning hours. The wind speed and direction will remain same during afternoon/evening/night.

**20.08.2025:** Generally cloudy sky. Possibility of very light to light rain/thundershowers. The maximum and minimum temperatures over Delhi are likely to be in the range of 32 to 34°C and 23 to 25°C respectively. The maximum temperature will be near normal and the minimum temperature will be below normal up to 2 to 3°C. The predominant surface wind will likely to be from the southeast direction with a wind speed of 10-15 kmph during morning/afternoon. The wind speed will increase slightly upto 15-20 kmph from southeast direction in evening and night.

### **Impact & Action Suggested due to**

- ❖ **Extremely heavy rainfall** very likely at isolated places over Konkan & Goa; Ghat areas of Madhya Maharashtra during 17<sup>th</sup> -19<sup>th</sup>; Gujarat State on 19<sup>th</sup> & 20<sup>th</sup>; Coastal Karnataka, Coastal Andhra Pradesh & Yanam, South Interior Karnataka on 17<sup>th</sup> & 18<sup>th</sup>; Odisha, Chhattisgarh, Telangana on 18<sup>th</sup> August.
- ❖ **Very heavy rainfall over** Madhya Maharashtra, Gujarat State during 17<sup>th</sup> -21<sup>st</sup>, Konkan (including Mumbai) & Goa, Coastal Karnataka during 17<sup>th</sup> -20<sup>th</sup>; Marathwada on 17<sup>th</sup> & 18<sup>th</sup>; Kerala & Mahe on 18<sup>th</sup>; Rayalaseema Vidarbha, Chhattisgarh, Odisha on 17<sup>th</sup> & 18<sup>th</sup>; Telangana, Interior Karnataka on 17<sup>th</sup>- 19<sup>th</sup>; West Madhya Pradesh on 17<sup>th</sup>, 18<sup>th</sup>, 22<sup>nd</sup> & 23<sup>rd</sup>; East Madhya Pradesh on 23<sup>rd</sup>; Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Uttarakhand, Punjab, Haryana Chandigarh & Delhi on 17<sup>th</sup>; Himachal Pradesh on 17<sup>th</sup> & 23<sup>rd</sup> ; East Rajasthan on 20<sup>th</sup>; Arunachal Pradesh on 20<sup>th</sup> & 21<sup>st</sup>; Nagaland, Manipur, Mizoram & Tripura, Assam & Meghalaya during 20<sup>th</sup>- 23<sup>rd</sup> August.

### **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 kutch roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides/landsips/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 likely impact of Heavy / Heavy to Very Heavy Rainfall**

- In **Maharashtra**, make arrangements to drain out excess water from rice fields maintaining 2.5 to 5 cm water level in **Konkan** and **ghat areas of Madhya Maharashtra**. In **Marathwada**, keep the harvested produce of green gram in safer places. To prevent waterlogging, make provision for draining out excess water from fields of finger millet, turmeric, groundnut, vegetables and fruit orchards in **Konkan**; maize, groundnut, soybean, vegetables and fruit orchards in **ghat areas of Madhya Maharashtra**; groundnut, black gram, green gram, soybean, cotton, pigeon pea, pearl millet, turmeric, sugarcane, vegetables and fruit orchards in **Marathwada**; soybean and cotton in **West Vidarbha** and rice, soybean, cotton, pigeon pea, vegetables and fruit orchards in **East Vidarbha**.
- In **Gujarat**, make arrangements to drain out excess water from fields of rice, sugarcane, vegetables and tuber crops in **South Gujarat Heavy Rainfall Zone**; rice, cotton, sugarcane and pigeon pea in **South Gujarat Zone**; groundnut, cotton, soybean, black gram, green gram, sesame and pigeon pea in **South Sourashtra Zone**; groundnut, cotton and sesame in **North Sourashtra Zone** and rice, cotton, green gram, black gram, pigeon pea, pearl millet and vegetables in **Bhal and Coastal Zone**.
- In **Madhya Pradesh**, provide adequate drainage in fields of maize, soybean, cotton and vegetables in **Satpura Plateau Zone**; soybean, maize and vegetables in **Malwa Plateau Zone**; rice, soybean, maize, sugarcane and vegetables in **Central Narmada Valley Zone**; soybean, pigeon pea, cotton and vegetables in **Nimar Valley Zone** and maize, soybean, black gram, cotton, and pigeon pea in **Vindhyan Plateau Zone**.
- In **Chhattisgarh**, make arrangements to drain out excess water from fields of *kharif* maize, rice, minor millets, pulses and vegetables in **Bastar Plateau Zone**.
- In **Kerala**, provide adequate drainage in fields of rice, coconut, banana and ginger. Provide support to banana plantations. Make the vegetable pandals stronger.

- In **Karnataka**, provide adequate drainage facilities in rice fields and plantations of arecanut and banana in **Coastal Zone**; fields of rice, maize, cotton, ginger and plantations of arecanut in **Hill Zone** and fields of rice, maize and plantations of arecanut and coconut in **Southern Transition Zone**.
- In **Telangana**, drain out excess water from fields of rice, cotton, maize, soybean, pigeon pea, turmeric and vegetables in **Northern Telangana Zone** and rice, cotton, soybean, vegetables and vegetable nurseries in **Southern Telangana Zone**.
- In **Andhra Pradesh**, make arrangements to drain out excess water from fields of maize, cotton, sugarcane, rice, mesta, red gram, green gram, black gram and groundnut in **North Coastal Zone** and rice, maize and vegetable fields in **High Altitude Tribal Zone**.
- In **Odisha**, make arrangements to drain out excess water from the fields of rice, maize, green gram, black gram, ginger, turmeric, vegetables and orchards in **Eastern Ghat High Land Zone** and **South Eastern Ghats**.
- In **Jammu and Kashmir**, do not allow water to stagnate in fields of maize, pulses, cowpea, bajra, fodder crops and vegetables in **Sub Tropical Zone**. Maintain proper drainage facility in maize, pulses and vegetable fields to avoid waterlogging in **Intermediate Zone**. In **Valley Temperate Zone**, provide proper staking to bottle gourd, cucumber, bitter gourd etc. vines and indeterminate tomatoes. Make proper drainage channels in fields of maize for removal of excess rain water.
- 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**, harvest ripened tomatoes and ensure proper drainage in maize, kidney bean, vegetables and orchards.
- In **Uttarakhand**, maintain proper drainage channels in fields of soybean, maize, pulses, finger millet, ginger, vegetable fields and fruit orchards in **Hill Zone**; barnyard millet, finger millet and already sown green gram in **Sub Humid Sub Tropic Zone**. Ensure proper drainage in rice, maize, soybean, green gram, and vegetables in Nainital district.
- In **Punjab**, In **Undulating Plain Zone**, maintain proper drainage in chilli fields and remove stagnant rainwater immediately after rainfall. In **Sub-Montane Undulating Zone**, ensure proper drainage in sugarcane maize, soybean and green gram.
- In **Haryana** - In **Eastern Zone**, postpone irrigation in cotton and pearl millet crop fields and make drainage system to drain out excess water.

### **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.

## Flash flood guidance:

<p>24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 18-08-2025 :</p> <p>Moderate flash flood risk likely over few watersheds &amp; neighbourhoods of following Met Sub-divisions during next 24 hours.</p> <p>Himachal Pradesh - Chamba, Kangra, Kinnaur, Mandi, Shimla and Solan districts.</p> <p>Jammu &amp; Kashmir &amp; Ladakh - Anantnag, Doda, Jammu, Kathua, Kistwar, Kulgam, Punch, Rajouri, Ramban, Riasi, Samba, Udhampur and Mirpur districts.</p> <p>Uttarakhand - Almora, Bageshwar, Chamoli, Champawat, Dehradun, Nanital, Pithoragarh, Rudraprayag, Tehri Garwal and Uttarkashi districts.</p> <p>Surface runoff/ Inundation may occur at some fully saturated soils &amp; low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.</p>	<p>Product: NCUM FFR   Timescale: 24-hr   Region: "INDIA" Product Date: 2025-08-17 06:00 UTC   Valid Date: 2025-08-18 06:00 UTC</p>
<p>24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 18-08-2025 :</p> <p>Low to Moderate flash flood risk likely over few watersheds &amp; neighbourhoods of following Met Sub-divisions during next 24 hours.</p> <p>Coastal Karnataka - Dakshin Kannada, Udupi and Uttar Kannada districts.</p> <p>Konkan &amp; Goa - North Goa, South Goa, Mumbai City, Palghar, Raigarh, Ratnagiri, Sindhudurg, Suburban Mumbai and Thane districts.</p> <p>Surface runoff/ Inundation may occur at some fully saturated soils &amp; low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.</p>	<p>Product: WRF FFR   Timescale: 24-hr   Region: "INDIA" Product Date: 2025-08-17 06:00 UTC   Valid Date: 2025-08-18 06:00 UTC</p>

### **Legends & abbreviations:**

- ❖ **Heavy Rain:** 64.5-115.5mm; **Very Heavy Rain:** 115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO:** Part Time Office, **Aero:** Aerodrome, **IAF:** Indian Air Force.
- ❖ **Region wise classification of meteorological Sub-Divisions:**
  - **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana-Chandigarh-Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
  - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
  - **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
  - **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
  - **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathawada.
  - **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

## LEGENDS

1. अंडमान और निकोबार द्वीपसमूह

2. अरुणाचल प्रदेश

3. असम और मेघालय

4. नागालैंड, मणिपुर, मिजोरम और त्रिपुरा

5. उप-हिमालयी पश्चिम बंगाल और सिक्किम

6. गंगीय पश्चिम बंगाल

7. ओडिशा

8. झारखण्ड

9. बिहार

10. पूर्वी उत्तर प्रदेश

11. पश्चिम उत्तर प्रदेश

12. उत्तराखण्ड

13. हरियाणा, चंडीगढ़ और दिल्ली

14. पंजाब

15. हिमाचल प्रदेश

16. जम्मू और कश्मीर और लद्दाख

17. पश्चिम राजस्थान

18. पूर्वी राजस्थान

19. पश्चिम मध्य प्रदेश

20. पूर्वी मध्य प्रदेश

21. गुजरात

22. सौराष्ट्र

23. कोकण और गोवा

24. मध्य महाराष्ट्र

25. मराठवाड़ा

26. विदर्भ

27. छत्तीसगढ़

28. तटीय आंध्र प्रदेश और यनम

29. तेलंगाना

30. रायलसीमा

31. तमिलनाडु, पुदुचेरी और कराईकल

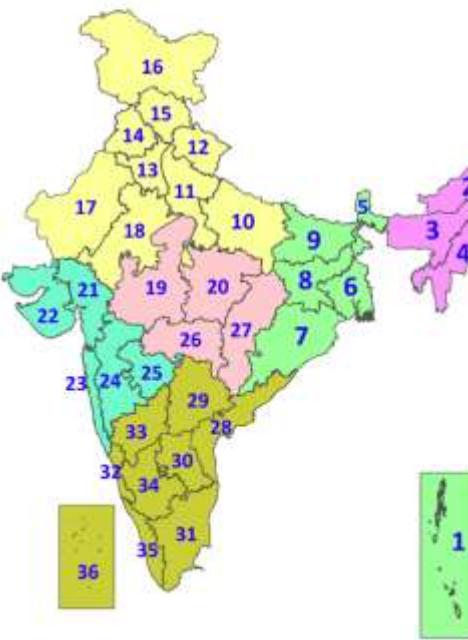
32. तटीय कर्नाटक

33. आतंरिक उत्तरी कर्नाटक

34. आतंरिक दक्षिणी कर्नाटक

35. केरल और माहे

36. लक्षद्वीप



1. Andaman & Nicobar Islands

2. Arunachal Pradesh

3. Assam & Meghalaya

4. Nagaland, Manipur, Mizoram & Tripura

5. Sub-Himalayan West Bengal & Sikkim

6. Gangetic West Bengal

7. Odisha

8. Jharkhand

9. Bihar

10. East Uttar Pradesh

11. West Uttar Pradesh

12. Uttarakhand

13. Haryana, Chandigarh & Delhi

14. Punjab

15. Himachal Pradesh

16. Jammu & Kashmir and Ladakh

17. West Rajasthan

18. East Rajasthan

19. West Madhya Pradesh

20. East Madhya Pradesh

21. Gujarat

22. Saurashtra

23. Konkan & Goa

24. Madhya Maharashtra

25. Marathwada

26. Vidarbha

27. Chhattisgarh

28. Coastal Andhra Pradesh & Yanam

29. Telangana

30. Rayalaseema

31. Tamilnadu, Puducherry & Karaikal

32. Coastal Karnataka

33. North Interior Karnataka

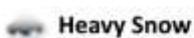
34. South Interior Karnataka

35. Kerala & Mahe

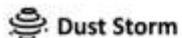
36. Lakshadweep

## SPATIAL DISTRIBUTION (% of Stations reporting)

% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)		
51-75	Fairly Widespread (FWS/Many Places)		
26-50	Scattered (SCT/A Few Places)		
1-25	Isolated (ISOL)		



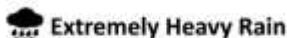
### COLOUR CODED WARNING



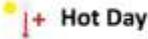
No Warning (No Action)



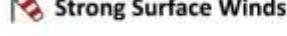
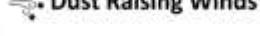
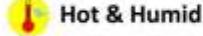
Watch (Be Aware)



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

\* Red colour warning does not mean "Red Alert", Red colour 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

(Service to the Nation since 1875)



## DEFINITION/CRITERIA

### Rain/ Snow \*

**Heavy:** 64.5 to 115.5 mm/cm \*  
**Very Heavy:** 115.6 to 204.4 mm/cm \*  
**Extremely Heavy:** > 204.4 mm/cm \*

When maximum temperature of a station reaches  $\geq 40^{\circ}\text{C}$  for plains and  $\geq 30^{\circ}\text{C}$  for hilly regions  
 (a) Based on Departure from normal

**Heat Wave:** Maximum Temperature Departure from normal  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .

**Severe Heat Wave:** Maximum Temperature Departure from normal  $\geq 6.5^{\circ}\text{C}$

(b). Based on Actual maximum temperature

**Heat Wave:** When actual maximum temperature  $\geq 45^{\circ}\text{C}$ .

**Severe Heat Wave:** When actual maximum temperature  $\geq 47^{\circ}\text{C}$

(c). Criteria for heat wave for coastal stations

When maximum temperature departure is  $>4.5^{\circ}\text{C}$  from normal. Heat Wave may be described provided maximum temperature  $\geq 37^{\circ}\text{C}$

### Warm Night

When maximum temperature remains  $40^{\circ}\text{C}$

**Warm Night:** When minimum temperature departure  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .

**Severe Warm Night:** When minimum temperature departure  $>6.4^{\circ}\text{C}$ .

### Cold Wave

When minimum temperature of a station  $\leq 10^{\circ}\text{C}$  for plains and  $\leq 0^{\circ}\text{C}$  for hilly regions.

(a). Based on departure

**Cold Wave:** Minimum Temperature Departure from normal  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .

**Severe Cold Wave:** Minimum Temperature Departure from normal  $\leq -6.5^{\circ}\text{C}$

(b) Based on actual Minimum Temperature (for Plains only)

**Cold Wave:** When Minimum Temperature is  $\leq 4.0^{\circ}\text{C}$

**Severe Cold Wave:** When Minimum Temperature is  $\leq 2.0^{\circ}\text{C}$

(c) For Coastal Stations

When Minimum Temperature departure is  $\leq -4.5^{\circ}\text{C}$  & actual Minimum Temperature is  $\leq 15^{\circ}\text{C}$

### Cold Day

When minimum temperature of a station  $\leq 10^{\circ}\text{C}$  for plains and  $\leq 0^{\circ}\text{C}$  for hilly regions

Based on departure

**Cold Day:** Maximum Temperature Departure from normal  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .

**Severe Cold Day:** Maximum Temperature Departure from normal  $\leq -6.5^{\circ}\text{C}$

### Fog

Phenomenon of small droplets suspended in air and the horizontal visibility  $< 1\text{ km}$

**Moderate Fog:** When the visibility between 500-200 metres

**Dense Fog:** when the visibility between 50- 200 metres

**Very Dense Fog:** when the visibility  $< 50$  metres

### Thunderstorm

Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)

### Dust/Sand Storm

An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.

### Frost

Ice deposits on ground

Air temperature  $\leq 4^{\circ}\text{C}$  ( over Plains)

### Squall

A strong wind that rises suddenly, lasts for atleast 1 minute.

**Moderate:** Wind speed 52-61 kmph

**Severe:** Wind speed 62-87 kmph

**Very Severe:** Wind speed  $>87$  kmph

### Sea State

Effect of various waves in the sea over specific area

**Rough to very rough:** Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre

**High to very high:** Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre

**Phenomenal:** Wind speed  $>117$  kmph ( $>63$  knots) & Wave height  $>14$  metre

### Cyclone

**Cyclonic Storm:** Wind speed 62-87 kmph (34-47 knots)

**Severe Cyclonic Storm:** Wind speed 88-117 kmph (48-63 knots)

**Very Severe Cyclonic Storm:** Wind speed 118-165 kmph (64 - 89 knots)

**Extremely Severe Cyclonic Storm:** Wind speed 166-220 kmph (90 - 119 knots)

**Super Cyclone Strom:** Wind speed  $>220$  kmph ( $>119$  knots)

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**Hot and Humid:** When maximum temperatures remain  $3^{\circ}\text{C}$  above normal along with the above normal relative humidity.