



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 23rd May, 2025

Time of Issue: 1345 hours IST

Subject: i) The Well-Marked Low Pressure area lies over Eastcentral Arabian Sea off south Konkan coast at 0830 hrs IST of today, the 23rd May 2025. It is likely to move nearly northwards and intensify further into a depression during next 24 hours.
ii) Heavy to very heavy rainfall likely to continue over west coast (Gujarat, Konkan & Goa, Karnataka and Kerala) during next 7 days with possibility of extremely heavy rainfall over Konkan & Goa during 23rd-25th; Coastal Karnataka & South Interior Karnataka during 24th-27th; Madhya Maharashtra on 25th; ghat areas of Tamil Nadu on 25th & 26th 2025.
iii) The conditions are likely to become favourable for Monsoon onset over Kerala during next 2 days.
iv) Heat wave conditions likely to continue over West Rajasthan during 23rd-27th; Jammu & Kashmir during 23rd-26th and East Rajasthan during 23rd-25th May, 2025.

Advance of Southwest Monsoon: (Annexure I):

- ❖ The Northern Limit of Monsoon passes through 5°N/60°E, 6°N/65°E, 7°N/70°E, 7°N/75°E, 10°N/81°E, 13°N/84.5°E, 16°N/88°E, 19.5°N/91°E and 23°N/95°E.
- ❖ The conditions are likely to become favourable for Monsoon onset over Kerala during next 2 days.
- ❖ The conditions are also likely to become favourable for further advance of southwest Monsoon over some more parts of South Arabian Sea, remaining parts of Maldives and Comorin area; some parts of Lakshadweep area, Kerala, Karnataka, Tamil Nadu; some more parts South & Central Bay of Bengal, North Bay of Bengal and some parts of Northeastern states during the same period.

Realised weather during past 24 hours till 0830 hours IST of today, the 23rd May 2025 (Annexure II):

- ❖ **Thunderstorm accompanied with Squally/Gusty winds** with speed 60-80 kmph prevailed at isolated places over West Madhya Pradesh; with speed 30-60 kmph prevailed at isolated places over south peninsular India, Bihar, Jharkhand, Odisha, Gangetic West Bengal, Arunachal Pradesh, Himachal Pradesh, Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh, East Madhya Pradesh, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Interior Karnataka, Telangana, Rayalaseema, Tamilnadu Puducherry & Karaikal.
- ❖ **Heavy to very heavy rainfall at a few places with extremely heavy falls** recorded at isolated places over Konkan & Goa; **Heavy to very heavy rainfall** at isolated places over Coastal Karnataka, Odisha, Coastal Andhra Pradesh; **Heavy rainfall** at isolated places over Saurashtra, Madhya Maharashtra, Marathawada, South Interior Karnataka, Bihar, Chhattisgarh.
- ❖ **Heat wave at a few places with severe heat wave conditions** prevailed in isolated pockets of Rajasthan; **Heat wave conditions** in isolated pockets of Jammu.
- ❖ **Warm night conditions** prevailed in isolated pockets of Rajasthan.

For more details of realised weather, kindly refer [Annexure II](#),

Detailed observations of Maximum Temperature during past 24 hours till 0830 hours IST of today are appended in [Annexure III](#).

i. Weather Systems, Forecast and Warnings (refer to Annexure IV & V):

- ❖ Yesterday's low-pressure area over Eastcentral Arabian Sea off south Konkan-Goa intensified into a **Well-Marked Low Pressure area over Eastcentral Arabian Sea off south Konkan coast at 0530 hrs IST of today and persisted over same region at 0830 hours IST of today, the 23rd May 2025. It is likely to move nearly northwards and intensify further into a depression during next 24 hours.**
- ❖ A trough runs from the cyclonic circulation associated with the well low-pressure area to north Telangana in lower & middle tropospheric levels.
- ❖ An upper air cyclonic circulation lies over south Haryana and another over northeast Assam in lower tropospheric levels.
- ❖ A trough runs from above cyclonic circulation over central Pakistan to northeast Madhya Pradesh in lower tropospheric levels.
- ❖ A Low pressure area is likely to form over Westcentral & adjoining north Bay of Bengal around 27th May, 2025.
- ❖ Under the influence of these systems, the following weather is likely:

South peninsular India:

- ✓ **Fairly widespread to widespread** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph with isolated heavy to very heavy rainfall** likely over Kerala, Karnataka during 23rd-29th May.
- ✓ **Isolated Extremely heavy rainfall** very likely over Kerala & Mahe during 24th-26th and Coastal Karnataka during 24th-27th May.
- ✓ **Scattered to fairly widespread** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 30-40 kmph** likely over Tamil Nadu, Puducherry & Karaikal, Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana during next 5 days.
- ✓ **Isolated heavy rainfall** likely over Tamilnadu Puducherry & Karaikal, Telangana during 23rd -27th; Coastal Andhra Pradesh & Yanam on 27th with isolated very heavy rainfall over ghat areas of Tamil Nadu on 24th and extremely heavy falls on 25th & 26th May.
- ✓ **Thundersquall wind speed reaching 50-60 kmph gusting to 70 kmph** likely over Coastal Andhra Pradesh & Yanam, Rayalaseema on 26th & 27th May.

West India:

- ✓ **Fairly widespread to widespread** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Konkan & Goa, Madhya Maharashtra during 23rd-29th; Marathawada during 23rd-27th May. **Scattered to Fairly widespread** rainfall over Gujarat State during 23rd-27th May with **Thundersquall wind speed reaching 50-60 kmph gusting to 70 kmph** likely over Saurashtra & Kutch on 23rd & 24th May.
- ✓ **Isolated Extremely heavy rainfall** very likely over Konkan & Goa during 23rd-25th and Madhya Maharashtra on 25th May.
- ✓ **Isolated heavy to very heavy rainfall** very likely over Konkan & Goa, Madhya Maharashtra during 23rd-29th and isolated **heavy rainfall** over Gujarat State and Marathawada during 23rd-27th May.

Northeast India:

- ✓ **Fairly widespread to widespread** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph and Isolated heavy rainfall** over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during 23rd-27th May.

East & Central India:

- ✓ **Scattered to fairly widespread** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over West Bengal & Sikkim, Madhya Pradesh, Vidarbha, Chhattisgarh, Odisha & Bihar during 23rd-26th May with **Thundersquall wind speed reaching 50-60 kmph gusting to 70 kmph** likely over Madhya Pradesh on 23rd & 24th; Bihar on 24th & 25th May.
- ✓ **Isolated heavy rainfall** likely over Andaman & Nicobar Islands during 24th-26th, Vidarbha, Chhattisgarh on 23rd & 24th, Bihar on 25th; Odisha on 23rd, 24th and during 27th-29th; Sub-Himalayan West Bengal & Sikkim on 28th & 29th May, 2025.

Northwest India:

- ✓ **Scattered to fairly widespread** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Uttarakhand, Himachal Pradesh, Uttar Pradesh and isolated to scattered light to moderate rainfall with **thunderstorm, lightning & gusty winds speed**

reaching 40-50 kmph likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Haryana Chandigarh, Rajasthan during 23rd-29th May with **Thundersquall wind speed reaching 50-60 kmph gusting to 70 kmph** likely over Uttarakhand, Himachal Pradesh on 24th; West Rajasthan during 23rd-25th and East Rajasthan on 23rd & 24th May.

- ✓ **Isolated hailstorm** over Himachal Pradesh, Uttarakhand on 24th May.
- ✓ **Isolated heavy rainfall** also likely over Uttarakhand on 24th, 25th, 28th & 29th May.
- ✓ **Duststorm (40-50 kmph)** also very likely over West Rajasthan during 23rd-26th and East Rajasthan on 23rd & 24th May.

Maximum Temperature Forecast:

- ❖ Rise by 2-4°C in maximum temperatures likely over Northwest India during next 2 days and no significant change thereafter for subsequent 5 days.
- ❖ No significant change in maximum temperatures likely over rest parts of the country.

Heat wave, Hot & Humid weather, Warm Night warnings:

- ❖ **Heat wave to severe heat wave conditions** in isolated pockets of West Rajasthan on 23rd & 24th May.
- ❖ **Heat wave conditions** very likely in isolated pockets of Jammu during 23rd-26th; East Rajasthan during 23rd-25th and West Rajasthan during 25th-27th May.
- ❖ **Warm night conditions** very likely in few pockets of West Rajasthan on 23rd & 24th May.

FISHERMEN WARNINGS (Graphics in Annexure VI)

(A) Eastcentral & southeast Arabian Sea and along & off Kerala, Karnataka, Konkan & Goa and south Gujarat coasts and Lakshadweep, Comorin areas.

- ✓ Fishermen are advised not to venture into above mentioned areas from 23rd to 27th May.
- ✓ Total suspension of fishing operations over eastcentral and adjoining parts of & northeast Arabian Sea from 24th to 25th May.

(B) Fishermen are advised not to venture along & off the Somalia coast and adjoining Sea areas from 23rd to 27th May.

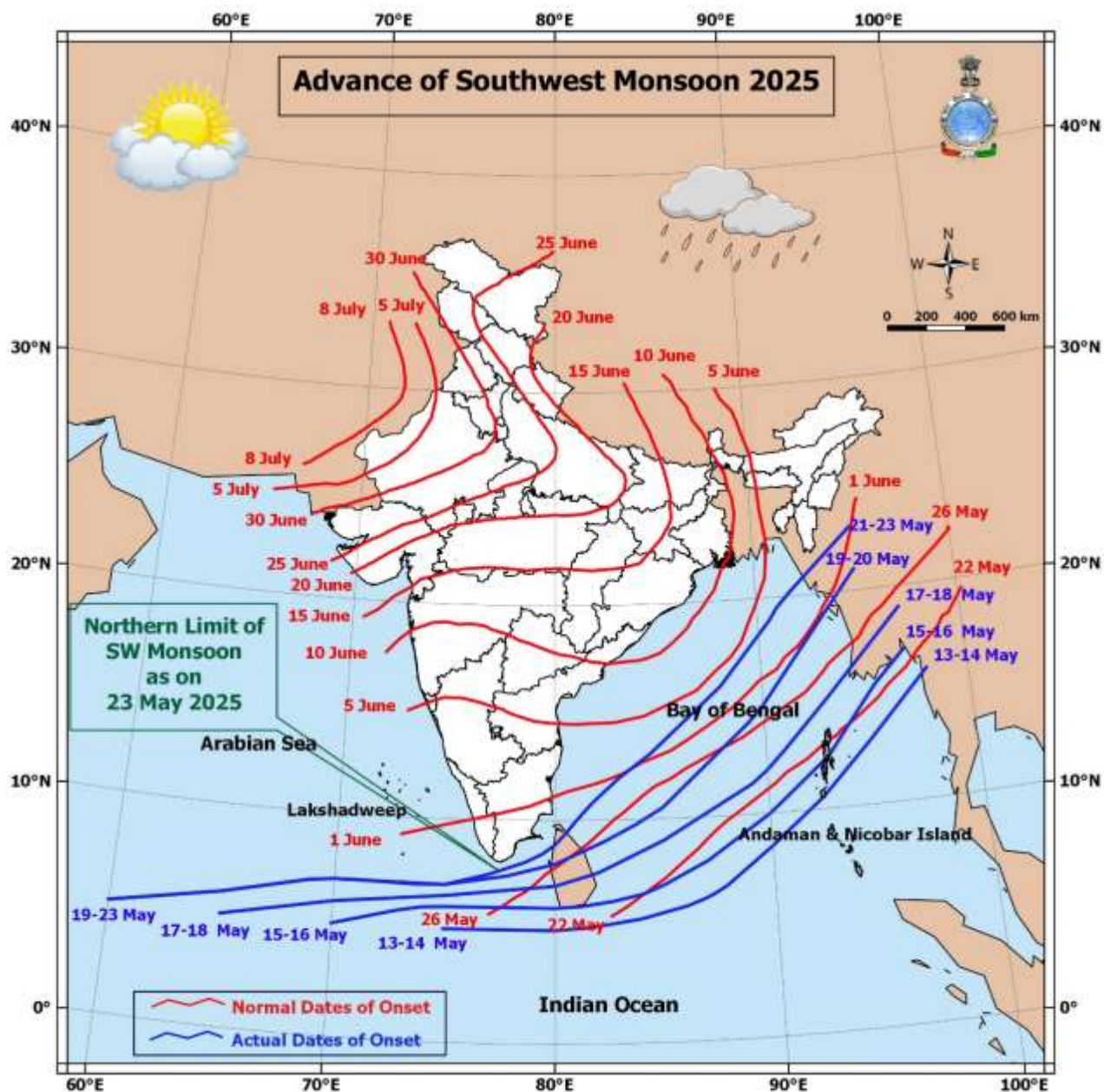
(C) Fishermen are advised not to venture along & off Andhra Pradesh coast & adjoining westcentral Bay of Bengal from 23rd to 27th May and over Andaman Sea and adjoining parts of eastcentral Bay of Bengal from 25th to 27th May.

iv. Weather conditions and forecast over Delhi/NCR during 23rd May to 25th May, 2025 (Annexure VII)

For more details, kindly refer National Weather Bulletin:

https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php

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



Significant weather reported during past 24 hours till 0830 hours IST of today:

- ❖ **Light/moderate Rainfall with thunderstorm & lightning** observed **at most places** over Kerala & Mahe, Lakshadweep, Coastal Karnataka; **at many places** over Konkan & Goa, Madhya Maharashtra, Marathawada, Andaman & Nicobar Islands, Jharkhand, Odisha, Telangana, North Interior Karnataka; **at a few places** over Gangetic West Bengal, Gujarat Region, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Madhya Pradesh, Chhattisgarh, South Interior Karnataka, Coastal Andhra Pradesh & Yanam; **at isolated places** over Sub-Himalayan West Bengal & Sikkim, Haryana, Uttar Pradesh, East Rajasthan, Saurashtra & Kutch, Bihar, East Madhya Pradesh, Vidarbha, Tamilnadu Puducherry & Karaikal.

Rainfall recorded (in cm) reported during past 24 hours till 0830 hours IST of today:

- ❖ **Konkan & Goa:** Guhagarh (dist Ratnagiri) 28, Ponda (dist North Goa) 16, Wakwali_agri (dist Ratnagiri) 16, Sangameshwar Devrukh (dist Ratnagiri) 16, Lanja (dist Ratnagiri) 16, Margao (dist South Goa) 12, Mulde_Agri (dist Sindhudurg) 12, Kudal (dist Sindhudurg) 11, Kankavli (dist Sindhudurg) 11, Dapoli_agri (dist Ratnagiri) 11, Ratnagiri - Imd Obsy (dist Ratnagiri) 11,
- ❖ **Coastal Karnataka:** Castle Rock (dist Uttara Kannada) 13, Gokarna (dist Uttara Kannada) 9, Karwar Obsy (dist Uttara Kannada) 9, Ankola (dist Uttara Kannada) 8, Kumta (dist Uttara Kannada) 8
- ❖ **Odisha:** Gumma (dist Gajapati) 13, Champua (dist Keonjhar) 11, Similiguda (dist Koraput) 11, Komna (dist Nawapara) 10, Bandhugaon (dist Koraput) 9, Kshipur (dist Rayagada) 9,
- ❖ **Coastal Andhra Pradesh & Yanam:** Palakonda(arg) (dist Parvathipuram Manyam) 12,
- ❖ **Bihar:** Monghyr-11, Begusarai, Banka-9 each
- ❖ **Madhya Maharashtra:** Mahabaleshwar- Imd Obsy (dist Satara) 10, Wai (dist Satara) 8, Satara - Imd Obsy (dist Satara) 7, Chandgad (dist Kolhapur) 7, Radhanagari (dist Kolhapur) 7, Gaganbawada (dist Kolhapur) 7,
- ❖ **Marathawada:** Ausa (dist Latur) 9, Deoni (dist Latur) 9, Latur (dist Latur) 8, Renapur (dist Latur) 8, Shirur Anantpal (dist Latur) 7,
- ❖ **Telangana:** Kathlapur (dist Jagtial) 9, Jagtial (dist Jagtial) 9, Narayankhed (dist Sangareddy) 8, Armur (dist Nizamabad) 8, Banswada (dist Kamareddy) 8, Dhar Palle (dist Nizamabad) 7, Navipet (dist Nizamabad) 7, Shankarapatnam (dist Karimnagar) 7, Talamadugu (dist Adilabad) 7,
- ❖ **Chhattisgarh:** Odagi (dist Surajpur) 9, Bhairamgarh (dist Bijapur) 9, Tokapal (dist Bastar) 8, Bijapur (dist Bijapur) 8, Kutaru (dist Bijapur) 7,
- ❖ **South Interior Karnataka:** Kottigehara (dist Chikkamagaluru) 7

Realised Gusty Winds (KMPH) during past 24hours ending at 0300 UTC of today i.e. 23.05.2025;

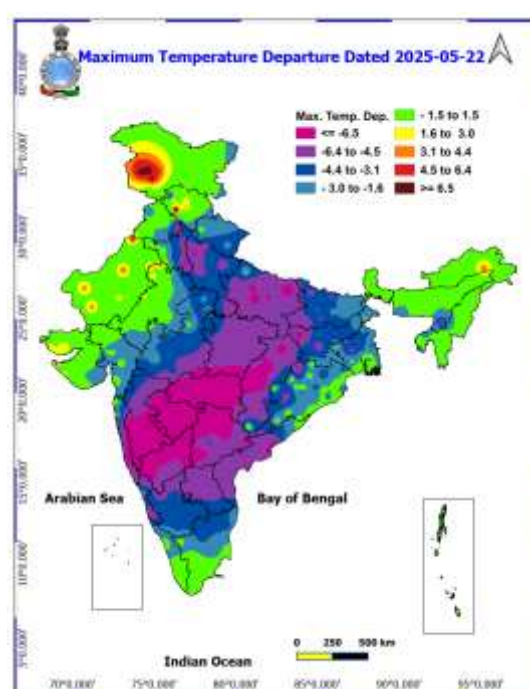
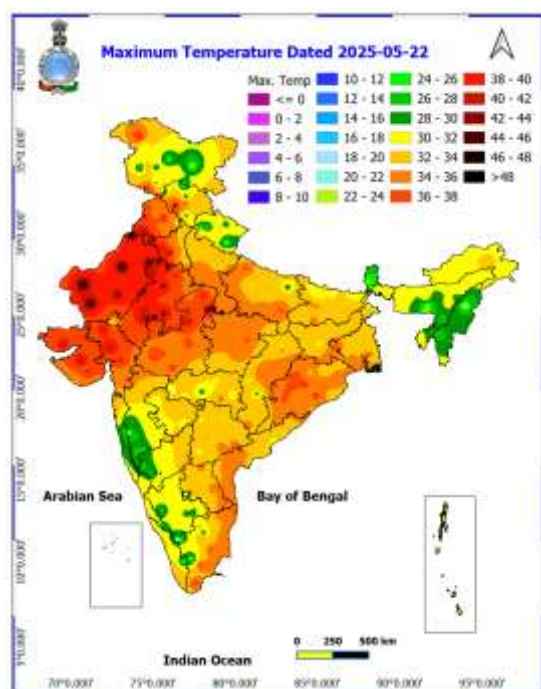
- ❖ **West Madhya Pradesh:** Sehore 72;
- ❖ **North Interior Karnataka:** Gadag 61;
- ❖ **Punjab:** Mohali=56, Patiala(Rauni)=54, Fatehagarh Sahib,Ropar=50, Sangrur=46,, Hosiarpur, Faridkot=44, Patiala, Moga=43;
- ❖ **Marathwada:** Jalna(52 Kmph);
- ❖ **Himachal Pradesh:** Rekonig Peo-50,Tabo-44,Bajaura-37;
- ❖ **Gangetic West Bengal:** Barrackpore_Aws400(48),Raidighi(31);
- ❖ **Haryana:** Kaithal (Kaul), Karnal (Uchani), Karnal Aws=44, Jind=39, Spnipat=37 ;
- ❖ **Konkan & Goa: Konkan:** Dapoli(Ratnagiri) (43 Kmph), Devgad-Sindhudurg (44 Kmph),;
- ❖ **Kerala:** Wayanad 41, Idukki 31;
- ❖ **Madhya Maharashtra:** Karad(Satara) (41 Kmph), Mahabaleshwar (52 Kmph);
- ❖ **Tamil Nadu, Puducherry & Karaikal:** Thiruchendur(37kmph), Kovilpatti_Amfu(39 Kmph), Veda Sundar(41 Kmph), Aduthurai_Amfu(39 Kmph), Coimbatore_Amfu(37 Kmph)
- ❖ **Telangana:** Ranga_Reddy 39;
- ❖ **Andhra Pradesh:** Prakasam 37;
- ❖ **Arunachal Pradesh:** Lowertato=35;
- ❖ **Odisha:** Mayurbhanj_Kvk (35), Sonapur (35), Dhankauda (33), Benakuda_Kvk (30);
- ❖ **East Madhya Pradesh:** Singrouli 33;
- ❖ **West Uttar Pradesh:** Agra(Iaf)-31;
- ❖ **Jharkhand:** Barhi (30);
- ❖ **Bihar:** Rajgir (30), Sheikpura_Kvk (30), Sukhet (30), Pusa_Aws400 (28);
- ❖ **Uttarakhand:** Haridwar-30;
- ❖ **Andaman & Nicobar Islands:** Shri Vijayapuram(28);

Temperature observations during past 24 hours till 0830 hours IST of today:

- ❖ Yesterday, Maximum Temperatures were in the range of 40-47°C in many parts of Rajasthan; at a few places over Gujarat state; in isolated parts of West Madhya Pradesh; in the range 36-40°C in few parts of Odisha, East Madhya Pradesh, Tamil Nadu, Puducherry & Karaikal; in isolated parts of Punjab, East Uttar Pradesh, Coastal Andhra Pradesh & Yanam, Gangetic West Bengal and they were less than 36°C elsewhere over remaining parts of the country. **Yesterday, the highest maximum temperature of 47.3°C was reported at Sri Ganganagar (West Rajasthan) over the country.**
- ❖ Yesterday, Maximum Temperature were markedly above normal ($> 5.1^{\circ}\text{C}$) at many places over Jammu-Kashmir/Ladakh, Gilgit-Baltistan-Muzaffarabad; at Isolated places over Himachal Pradesh and Tamil Nadu, Puducherry & Karaikal. appreciably above normal (3.1°C to 5.0°C) at Most places over West Rajasthan; at Few places over Arunachal Pradesh; at Isolated places over West Uttar Pradesh, East Rajasthan and Saurashtra & Kutch. above normal (1.6°C to 3.0°C) at Few places over Gujarat Region and Lakshadweep; at Isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal and East Madhya Pradesh. near normal (-1.5°C to 1.5°C) at Most places over Andaman & Nicobar Islands; at Few places over Nagaland, Manipur, Mizoram & Tripura, Odisha, West Madhya Pradesh, Konkan & Goa and Kerala & Mahe; at Isolated places over Bihar, East Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Punjab and Coastal Andhra Pradesh & Yanam (Fig. 2).

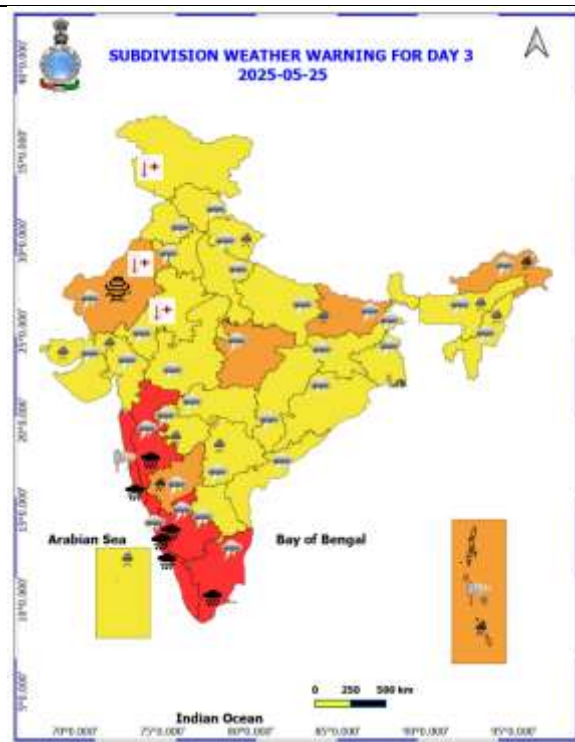
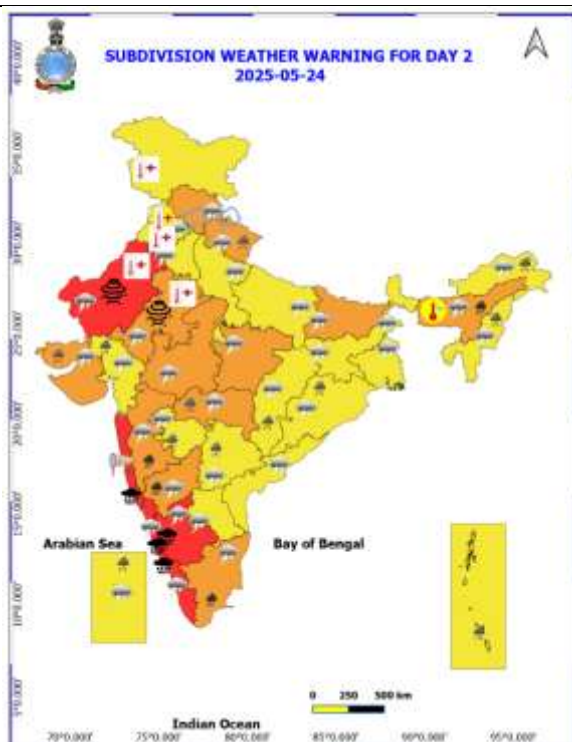
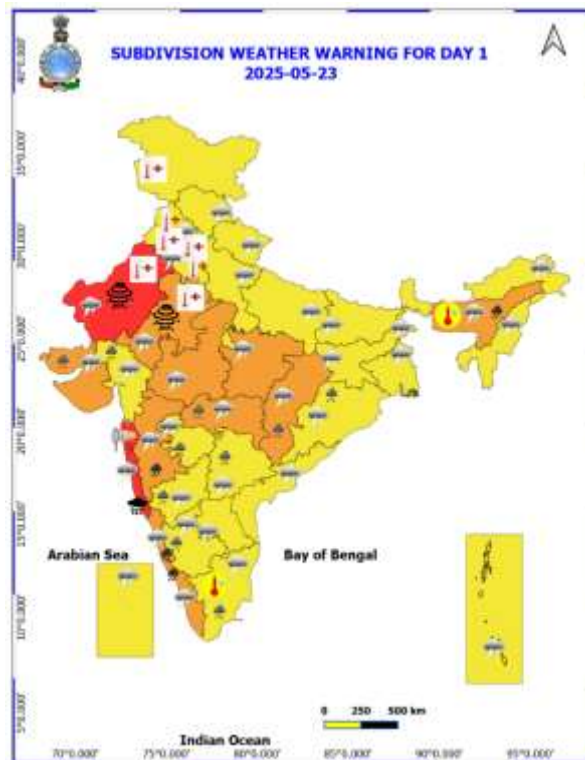
Fig. 1: Maximum Temperatures

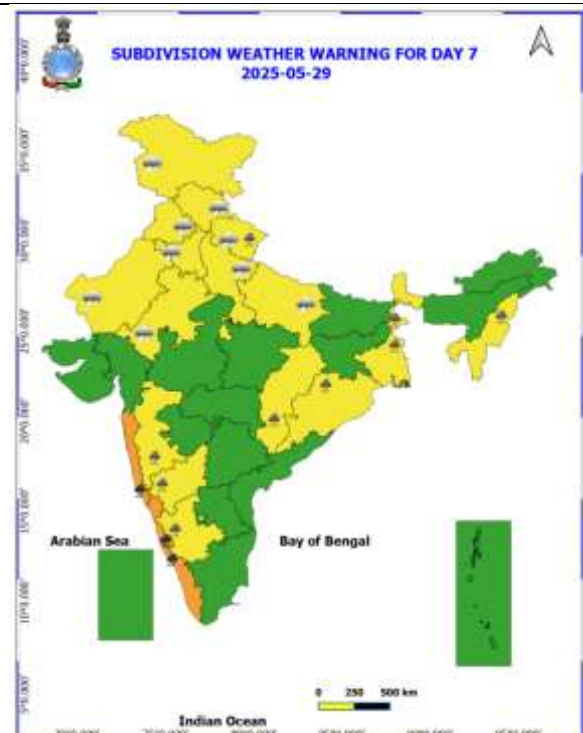
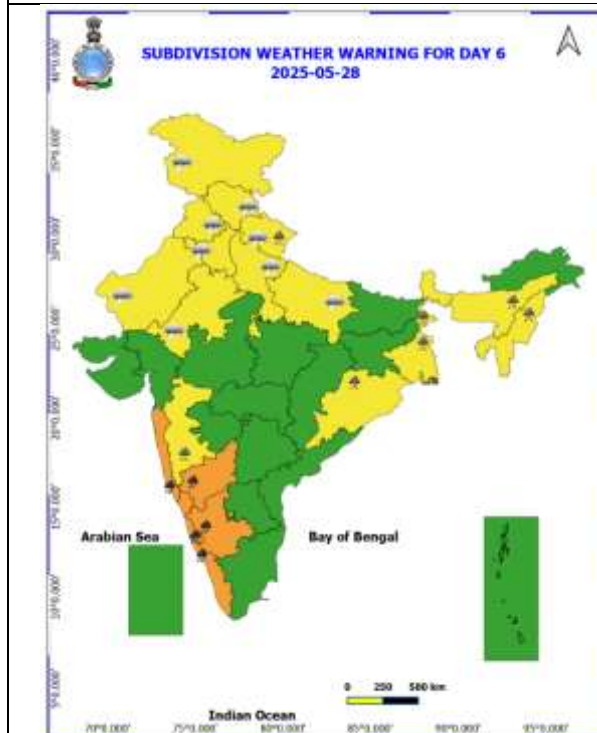
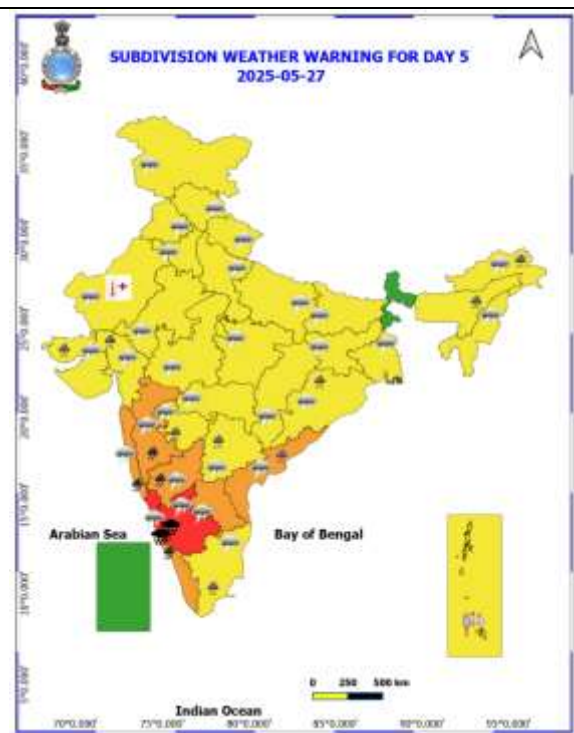
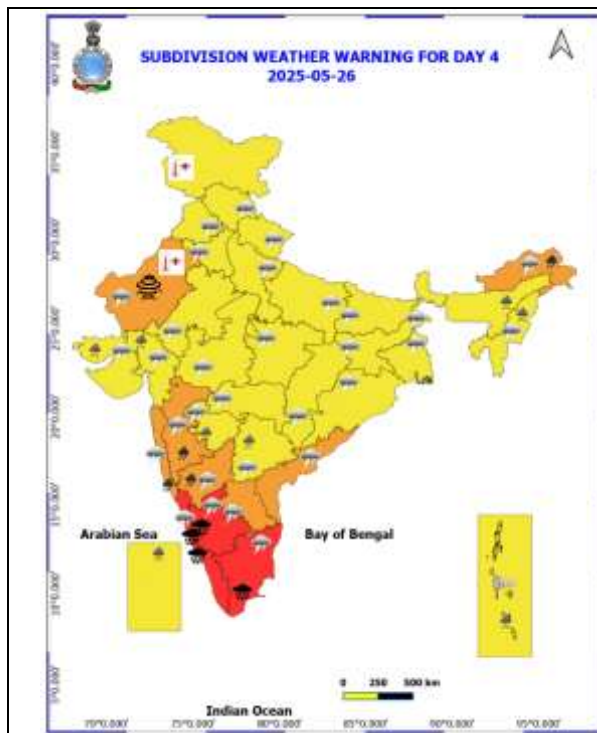
Fig. 2: Departure of Maximum Temperatures



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

- As the lead period increases forecast accuracy decreases.





- 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>



Fishermen Warning Graphics

Day 1: 23.05.2025/11:30AM to 24.05.2025/05:30AM



Day 2: 24.05.2025/05:30AM to 25.05.2025/05:30AM



Day 3: 25.05.2025/05:30AM to 26.05.2025/05:30AM



Day 4: 26.05.2025/05:30AM to 27.05.2025/05:30AM



Day 5: 27.05.2025/05:30AM to 28.05.2025/05:30AM



Squally Weather with wind speed 35-50 kmph gusting to 60 kmph

Squally weather with wind speed 45-55 kmph gusting to 65 kmph

Squally wind with speed 45-50 kmph gusting to 55 kmph

Fishermen are advised not to venture into the marked areas.

Weather forecast over Delhi/NCR during 23th to 26th May 2025**Past Weather:**

There has been rise in minimum temperature up to 6°C and fall in maximum temperature up to 6°C over Delhi/NCR during the past 24 hours. The maximum and minimum temperatures over Delhi are in the range of 33 to 35°C and 25 to 26°C respectively. The minimum temperature was near normal and the maximum temperature was below normal up to 7°C at most places over Delhi/NCR. Partly cloudy sky conditions with predominant surface wind from the southeast/east direction with wind speeds less than 20 kmph gusting to 30 kmph prevailed during the past 24 hours. Partly cloudy sky conditions with wind speed less than 20 kmph from the southeast direction prevailed over the region in the forenoon today.

Weather Forecast:

23.05.2025: Partly cloudy sky. Very light rain to light rain accompanied with thunderstorm/lightning and gusty winds (speed 30 – 40 kmph) temporarily reaching to 50 kmph during thunderstorm with dust rising surface winds towards evening/night. The maximum temperatures over Delhi are likely to be in the range of 37 to 39°C. The maximum temperature will be below normal up to 1 - 3°C. The predominant surface wind will likely be from the southeast direction with a wind speed of less than 16 kmph till evening. It would increase becoming less than 20 kmph from the southeast direction during the night.

24.05.2025: Partly cloudy sky. Very light rain to light rain accompanied with thunderstorm/lightning and gusty winds (speed 30 – 40 kmph) temporarily reaching to 50 kmph during thunderstorm with dust rising surface winds. The maximum and minimum temperatures over Delhi are likely to be in the range of 36 to 38°C and 25 to 27°C respectively. The minimum temperature will be near normal and the maximum temperature will be below normal up to 2 - 4°C. The predominant surface wind will likely be from the southeast direction with a wind speed of 15-20 kmph during morning hours. The wind speed will gradually decrease becoming 10-15 kmph from the southeast direction in the afternoon. It will increase becoming less than 20 kmph from the southeast direction during evening and night.

25.05.2025: Partly cloudy sky. Possibility of thundery development. The maximum and minimum temperatures over Delhi are likely to be in the range of 36 to 38°C and 26 to 28°C respectively. The minimum temperature will be above normal up to 1 - 2°C and the maximum temperature will be below normal up to 2 - 4°C. The predominant surface wind will likely be from the southeast direction with a wind speed of less than 20 kmph during the morning hours. The wind speed will gradually decrease becoming 16-18 kmph from the southeast direction in the afternoon. It will decrease becoming less than 16 kmph from the southeast direction during evening and night.

26.05.2025: Partly cloudy sky. Possibility of thundery development. The maximum and minimum temperatures over Delhi are likely to be in the range of 39 to 41°C and 27 to 29°C respectively. The minimum temperature will be above normal up to 1 - 3°C, and the maximum temperature will be near normal. The predominant surface wind will likely be from the southeast direction with a wind speed of less than 15 kmph during the morning hours. The wind speed will gradually decrease becoming 10-12 kmph from the south direction in the afternoon. It will increase becoming less than 20 kmph from the southeast direction during evening and night.

Impact expected and Action Suggested due to thunderstorm with lightning/gusty winds:

- Be cautious and take precautionary measures, though there is the likelihood of thunderstorm/lightning and gusty winds (speed 30 – 40 kmph) temporarily reaching to 50 kmph during thunderstorm with dust rising surface winds.
- Breaking of tree branches, uprooting of large avenue trees, Large dead limbs blown from trees, Damage to standing crops, Minor to major damage to power and communication lines due to breaking of branches, Partial damage to vulnerable structures due to strong winds, Loose objects may fly.
- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly, stay indoors, close windows & doors and avoid travel if possible, take safe shelters; do not take shelter under trees, do not lie on concrete floors and do not lean against concrete walls, unplug electrical/ electronic appliances, immediately get out of water bodies, keep away from all the objects that conduct electricity.

Impact & Action Suggested due to Extremely and heavy to very heavy rainfall over (For Red & Orange colour warning areas of Peninsular India & Maharashtra)

- ✓ **Extremely heavy rainfall** at isolated places over Kerala & Mahe during 24th-26th and Coastal Karnataka & South Interior Karnataka during 24th-27th; Konkan & Goa during 23rd-25th; ghat areas of Tamil Nadu on 25th & 26th; Madhya Maharashtra on 25th May.
- ✓ **Heavy to very heavy rainfall** very likely over Konkan & Goa, Madhya Maharashtra during 23rd-29th ghat areas of Tamil Nadu on 24th May.

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
- ❖ 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.

Impact expected and action suggested due to isolated thunderstorm with lightning/gusty & Squally winds & Hailstorm over

- ✓ **Thundersquall wind speed reaching 50-60 kmph gusting to 70 kmph** likely over Uttarakhand, Himachal Pradesh on 24th; West Rajasthan during 23rd-25th, East Rajasthan, Madhya Pradesh, Saurashtra & Kutch on 23rd & 24th; Bihar on 24th & 25th; Coastal Andhra Pradesh & Yanam, Rayalaseema on 26th & 27th May.
- ✓ **Isolated hailstorm** over Himachal Pradesh, Uttarakhand on 24th May.

Impact expected:

- Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.
- Minor to Major damage to banana and papaya trees.
- Minor to major damage to power and communication lines due to breaking of branches.
- Strong wind/hail may damage plantation, horticulture and standing crops.
- Hail may injure people and cattle at open places.
- Partial damage to vulnerable structures due to strong winds.
- Minor damage to kutcha houses/walls and huts.
- Loose objects may fly.

Action suggested:

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.

Impact expected and action suggested due to Heat wave to severe heat wave conditions in isolated pockets of West Rajasthan on 23rd & 24th May.

- ❖ **Heat wave conditions** very likely in isolated pockets of Jammu during 23rd-26th; East Rajasthan during 23rd-25th and West Rajasthan during 25th-27th May.

Red alert Areas

- Very high likelihood of developing heat illness and heat stroke in all ages. ➤ Extreme care needed for vulnerable people.

Orange alert Areas

- High temperature & increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work.
- High health concern for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure– keep cool. Avoid dehydration.
- Drink sufficient water- even if not thirsty.
- Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated.

Yellow alert Areas

- Moderate temperature & heat is tolerable for general public but moderate health concern likely for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure.
- Wear lightweight, light colour, loose, cotton clothes.
- Cover your head, use a cloth, hat or umbrella.

Agromet advisories for likely impact of Heavy Rainfall / Hailstorms / Gusty Winds / Heat Wave

- In **North Eastern States, Odisha, Bihar, Chhattisgarh, Uttarakhand, Gujarat, Maharashtra, Telangana, Karnataka, Kerala** and *Ghat* regions of **Tamil Nadu**, drain out excess water and ensure proper drainage in fields with standing crops and vegetables.
- In **Himachal Pradesh** and **Uttarakhand**, use hail nets and hail caps to prevent mechanical damage in vegetables and orchards due to the possibility of hailstorms.
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops properly and cover them to minimise the risk of displacement due to strong surface winds.
- Provide mechanical support to horticultural crops and staking to vegetables to avoid lodging.
- In **Jammu & Kashmir** and **Rajasthan**, apply light and frequent irrigation in the evening to protect standing crops, vegetables and orchards from the adverse effects of heat waves and high temperatures.

Livestock / Poultry / Fishery

- Keep the animals inside the shed during heavy rainfall / hailstorm 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.
- To reduce the effect of heat wave/high temperature, cover the roof of poultry sheds with grass. Also, provide clean, hygienic and plenty of drinking water to animals.

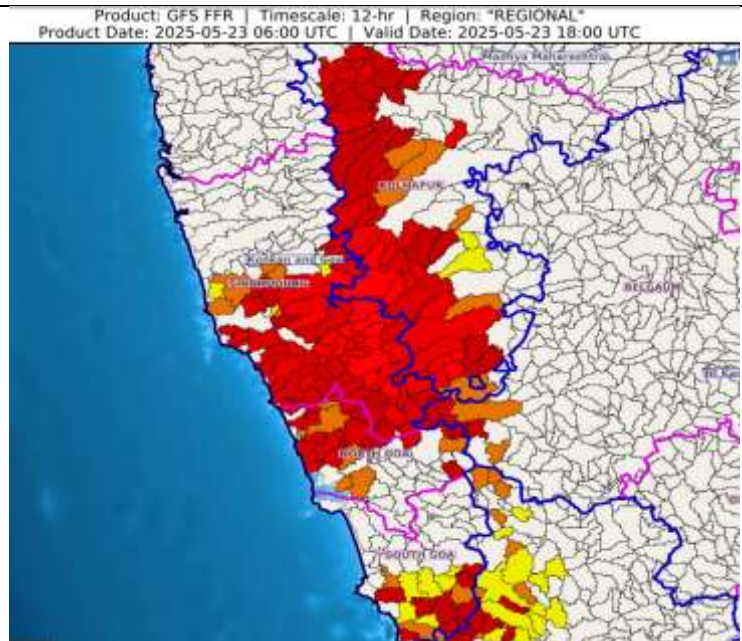
Flash Flood Guidance:

12 hours Outlook for the Flash Flood Risk (FFR) till 2330 IST of 23-05-2025 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 12 hours.

Konkan & Goa - North Goa, South Goa and Sindhudurg districts. Madhya Maharashtra - Kolhapur district.

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 12 hours.



Legends & abbreviations:

- ❖ **Heavy Rain:**64.5-115.5mm; **Very Heavy Rain:**115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **Obsy:** Observatory; **AWS:** 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. झारखंड

9. बिहार

10. पूर्वी उत्तर प्रदेश

11. पश्चिम उत्तर प्रदेश

12. उत्तराखंड

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. कोंकण और गोवा

24. मध्य महाराष्ट्र

25. मराठवाड़ा

26. विदर्भ

27. छत्तीसगढ़

28. तटीय आंध्र प्रदेश और यनम

29. तेलंगाना

30. रायलसीमा

31. तमिलनाडु, पुडुचेरी और कराईकल

32. तटीय कर्नाटक

33. आंतरिक उत्तरी कर्नाटक

34. आंतरिक 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)	26-50	Scattered (SCT/A Few Places)
51-75	Fairly Widespread (FWS/Many Places)	1-25	Isolated (ISOL)



Fog



Heavy Snow



Cold Wave



Heavy Rain



Dust Storm



Cold Day



Very Heavy Rain



Heat Wave



Ground Frost



Extremely Heavy Rain



Warm Night



Thunder & Lightning



Hot Day



Hailstorm



Hot & Humid



Dust Raising Winds



Strong Surface Winds

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 *

Heat Wave

When maximum temperature of a station reaches $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ for hilly regions

(a) Based on Departure from normal

Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C .

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

(b). Based on Actual maximum temperature

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

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

(c). Criteria for heat wave for coastal stations

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

Warm Night

When maximum temperature remains 40°C

Warm Night: When minimum temperature departure 4.5°C to 6.4°C .

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

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°C to -6.4°C .

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

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

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

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

(c) For Coastal Stations

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

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°C to -6.4°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 62-67 kmph

Very Severe: Wind speed > 67 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 Storm: Wind speed > 220 kmph (> 119 knots)

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Hot and Humid: When maximum temperatures remain 3°C above normal along with the above normal relative humidity.