

Thursday, May 22, 2025
Time of Issue: 0845 hours IST
(MORNING)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features:

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, Coastal & South Interior Karnataka during 22nd -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 with **isolated heavy rainfall** likely over Coastal Andhra Pradesh & Yanam, Rayalaseema & Telangana on, 22nd & 27th and Lakshadweep on 23rd & 24th 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, Marathwada during 22nd-25th and Scattered to Fairly widespread rainfall over Gujarat State during 22nd -25th May with **Thundersquall wind speed reaching 50-60 kmph gusting to 70 kmph** likely over Konkan & Goa, Gujarat State & Madhya Maharashtra on 22nd-23rd May.
- ❖ Isolated heavy to very heavy rainfall very likely over Madhya Maharashtra on 22nd-23rd; Konkan & Goa during 22nd-24th; Gujarat State during 23rd -25th May and isolated heavy rainfall over Konkan & Goa, Gujarat State during 25th -27th; Madhya Maharashtra on 24th & 25th; Marathwada on 22nd May.

Northeast India:

- ❖ Fairly widespread to widespread light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Northeast India during next 7 days with **Isolated heavy rainfall** over Assam & Meghalaya during 22nd -27th; Nagaland, Manipur, Mizoram & Tripura during 22nd-25th; Arunachal Pradesh during 23rd-25th 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 during 22nd-24th; **Isolated to Scattered** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Madhya Pradesh, Vidarbha, Chhattisgarh, Odisha & Bihar during 22nd-25th May with **Thundersquall wind speed reaching 50-60 kmph gusting to 70 kmph** likely over West Madhya Pradesh, Gangetic West Bengal, Jharkhand, Chhattisgarh on 22nd; Sub-Himalayan West Bengal & Sikkim on 22nd and Bihar on 23rd May.
- ❖ Isolated heavy rainfall likely over West Bengal & Sikkim on 22nd; Bihar on 23rd; Jharkhand on 22nd; Andaman & Nicobar Islands during 24th-27th 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 during 22nd-27th; **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 on 27th; Himachal Pradesh during 22nd-27th; Punjab, Haryana Chandigarh during 24th -27th; Uttar Pradesh & Rajasthan during 22nd -27th May with **Thundersquall wind speed reaching 50-60 kmph gusting to 70 kmph** likely over Rajasthan, Himachal Pradesh on 24th & 25th; Himachal Pradesh on 24th May.
- ❖ Isolated heavy rainfall also likely over Uttarakhand on 23th & 24th May.
- ❖ Duststorm (40-50 kmph) also very likely over West Rajasthan on 22nd & 23rd May.

Maximum Temperature Forecast:

- ❖ No significant change in maximum temperatures likely over Northwest India during next 2 days and fall by 2-3°C over thereafter for subsequent 4 days.
- ❖ No significant change in maximum temperatures likely over Central India during next 1 days and fall by 2-4°C over 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 22nd -23rd May.
- ❖ Heat wave conditions very likely in isolated pockets of Jammu-Kashmir, Punjab, Haryana Chandigarh & Delhi, East Rajasthan during 22nd -23rd; West Rajasthan on 24th & 25th; south Uttar Pradesh & north Madhya Pradesh on 22nd May.
- ❖ Hot & humid weather is likely to prevail over Odisha on 22nd May.
- ❖ Warm night conditions very likely in few pockets of south Haryana on 22nd; Punjab, West Rajasthan on 22nd -23rd & south Haryana on 23th and East Rajasthan on 22nd May.

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Main Weather Observations:

- ❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0530 hours IST of today): **at most places** over Gangetic West Bengal, West Madhya Pradesh, Himachal Pradesh, Haryana Chandigarh & Delhi, Uttarakhand, West Uttar Pradesh, Jharkhand, Sub-himalayan West Bengal & Sikkim, Chhattisgarh, Konkan & Goa, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, Nagaland, Manipur, Mizoram & Tripura, Assam & Meghalaya, Andaman & Nicobar Islands, Marathawada, Telangana, Vidarbha, Coastal Karnataka, East Uttar Pradesh, North Interior Karnataka, Arunachal Pradesh, Kerala & Mahe and Lakshadweep; **at many places** over Jammu & Kashmir and Ladakh, Saurashtra & Kutch, Gujarat Region, East Madhya Pradesh, South Interior Karnataka, Bihar, Rayalaseema, Tamilnadu Puducherry & Karaikal, Odisha and Punjab; **Dry** over rest of the country.
- ❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Gangetic West Bengal:** Haldia (dist Purba Medinipur) 10, Diamond Harbour (dist South 24 Parganas) 9, Kolkata (dum Dum) AP (dist North 24 Parganas), Kolkata-alipur (dist Kolkata) 4 Each, Digha (dist North 24 Parganas) 2; **Konkan & goa** : Panjim (dist North Goa) 9, Mumbai (santacruz) AP (dist), Ratnagiri (dist Ratnagiri) 3 Each; **Coastal Andhra Pradesh & Yanam:** Amaravati-ap-obs2 (dist Guntur) 9, Machilipatnam (dist Krishna), Vishakhapatnam (dist Visakhapatnam) 5 Each, Nellore (dist Sri Potti Sriramulu Nellore) 4, Vijayawada-gannavaram (dist Krishna), Bapatla (dist Bapatla) 2 Each; **Nagaland, Manipur, Mizoram & Tripura:** Kailashahar AP (dist Unakoti) 8, Agartala AP (dist West Tripura) 2; **Assam & Meghalaya:** Dhubri (dist Dhubri) 7, Cherrapunji (dist East Khasi Hills) 3, Shillong (dist East Khasi Hills) 2; Andaman & nicobar islands: Port Blair (dist South Andaman) 5; Marathawada: Aurangabad (chikalathana) AP (dist Aurangabad) 4; **Telangana:** Hyderabad (dist Hyderabad), Ramgundam (dist Peddapalli) 4 Each; Madhya maharashtra : Solapur (dist Solapur) 4; **Vidarbha:** Nagpur-sonegaon Airport (dist Nagpur) 3; **Odisha:** Jharsuguda (dist Jharsuguda) 3, Paradip Port (dist Jagatsinghapur) 2; Coastal karnataka: Mangalore (bajpe) AP (dist Dakshina Kannada) 3; East uttar pradesh: Gorakhpur (dist Gorakhpur) 2; North interior karnataka: Kalaburgi (dist Kalaburagi) 2; **Punjab:** Chandigarh (dist Chandigarh) 2; **Arunachal Pradesh:** Itanagar (dist Papum Pare) 2; **Kerala & mahe:** Cannanore (kannur) (dist Kannur) 2.
- ❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Heavy rain** at a Few places over Gangetic West Bengal, at Isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Konkan & Goa and Coastal Andhra Pradesh & Yanam
- ❖ **Yesterday's, Heat wave to severe heat wave conditions** prevailed in some parts of Rajasthan; **Heat wave conditions** in isolated pockets of south Uttar Pradesh and north Madhya Pradesh.
- ❖ **Minimum Temperature Departures (as on 21-05-2025):** Minimum temperatures were **markedly above normal (> 5.1°C)** at Few places over Punjab, East Madhya Pradesh and Gujarat Region; at Isolated places over Assam & Meghalaya, Odisha, Bihar, East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Himachal Pradesh, West Rajasthan, West Madhya Pradesh and Saurashtra & Kutch. **appreciably above normal (3.1°C to 5.0°C)** at Few places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at Isolated places over Sub Himalayan West Bengal & Sikkim, East Rajasthan, Vidarbha and Tamil Nadu, Puducherry & Karaikal. **above normal (1.6°C to 3.0°C)** at Many places over Uttarakhand; at Few places over Andaman & Nicobar Islands and Chhattisgarh; at Isolated places over Gangetic West Bengal, Jharkhand, Konkan & Goa, Madhya Maharashtra and North Interior Karnataka. **near normal (-1.5°C to 1.5°C)** at Many places over Lakshadweep; at Most places over Nagaland, Manipur, Mizoram & Tripura, South Interior Karnataka and Kerala & Mahe; at Few places over Arunachal Pradesh, Coastal Andhra Pradesh & Yanam, Telangana and Rayalaseema. Yesterday, the **lowest minimum temperature** of **19.0°C** was reported at **Medak (Telangana)** over the Plains of India.
- ❖ **Maximum Temperature Departures (as on 21-05-2025):** Maximum Temperature were **markedly above normal (> 5.1°C)** at Few places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at Isolated places over West Uttar Pradesh, Himachal Pradesh, West Rajasthan, East Rajasthan and East Madhya Pradesh. **appreciably above normal (3.1°C to 5.0°C)** at Few places over Arunachal Pradesh and Punjab; at Isolated places over Assam & Meghalaya, Gangetic West Bengal, Haryana-Chandigarh-Delhi and West Madhya Pradesh. **above normal (1.6°C to 3.0°C)** at Isolated places over Odisha and Saurashtra & Kutch. **near normal (-1.5°C to 1.5°C)** at Many places over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, Jharkhand, Tamil Nadu, Puducherry & Karaikal and Lakshadweep; at Few places over Nagaland, Manipur, Mizoram & Tripura, Bihar, Uttarakhand, Gujarat Region, Konkan & Goa, Chhattisgarh and Kerala & Mahe; at Isolated places over East Uttar Pradesh, Vidarbha, Coastal Andhra Pradesh & Yanam and South Interior Karnataka. Yesterday, the **highest maximum temperature** of **47.6°C** was reported at **Sri Ganganagar (West Rajasthan)** over the country.

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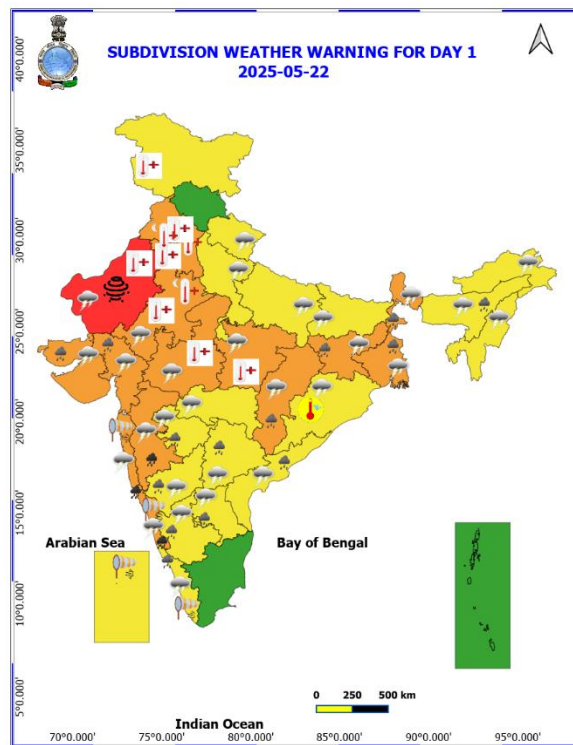
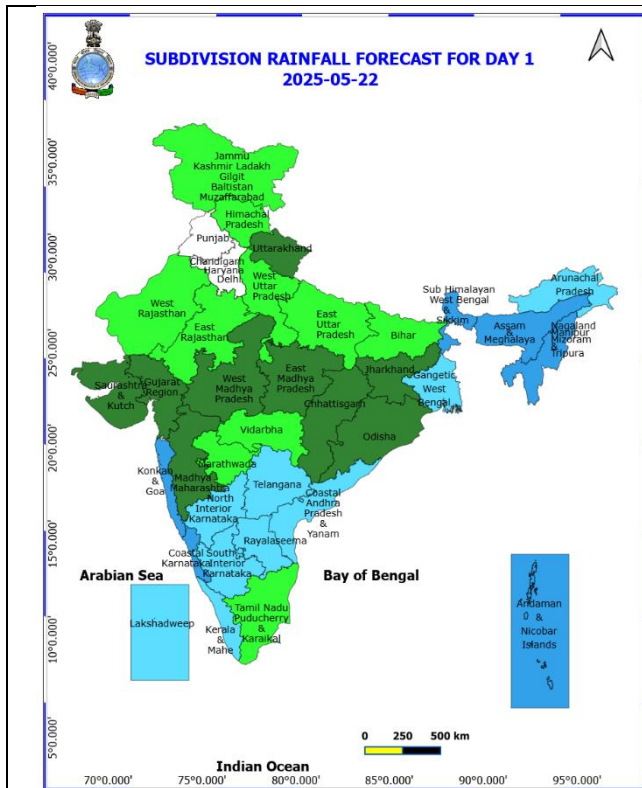
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Meteorological Analysis (Based on 0530 hours IST)

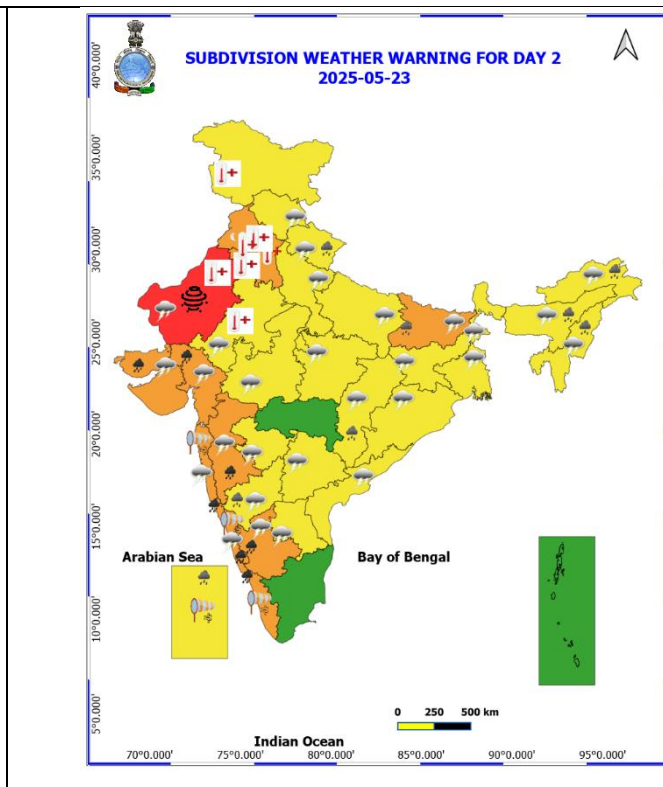
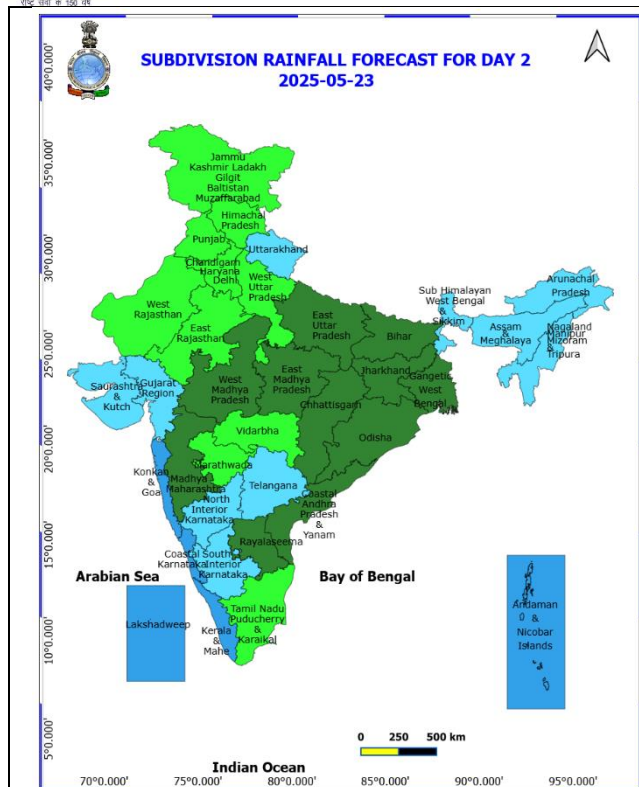
- ❖ **The Northern Limit of Monsoon continues to pass through 5°N/60°E, 6°N/65°E, 7°N/70°E, 7°N/75°E, 10°N/81°E, 13°N/84.5°E, 16°N/88°E, 19.5°N/91°E and 23°N/95°E.**
- ❖ The conditions are likely to become favourable for Monsoon onset over Kerala during next 2-3 days.
- ❖ The conditions are also likely 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, Tamil Nadu; some more parts South & Central Bay of Bengal, North Bay of Bengal and some parts of Northeastern states during the same period.
- ❖ Under the influence of the upper air cyclonic circulation over Eastcentral Arabian Sea off North Karnataka-Goa coasts, **a low pressure area** has formed over Eastcentral Arabian Sea off south Konkan-Goa coasts at 0530 hrs IST of today, the 22nd May 2025. The associated cyclonic circulation extends upto middle tropospheric levels. It is likely to move nearly northwards and intensify further into a depression during next 36 hours.
- ❖ The **trough** now runs from the cyclonic circulation associated with the low pressure area over Eastcentral Arabian Sea off south Konkan-Goa coasts to north Telangana extends upto 3.1 km above mean sea level persists.
- ❖ The **trough** in middle tropospheric westerlies with its axis at 5.8 km above mean sea level now runs roughly along Long. 85°E to the north of Lat. 25°N.
- ❖ The **upper air cyclonic circulation** over Punjab & neighbourhood at 1.5 km above mean sea level persists.
- ❖ An **upper air cyclonic circulation** lies over northeast Madhya Pradesh adjoining southeast Uttar Pradesh and extends upto 1.5 km above mean sea level.
- ❖ The other **trough now runs** from cyclonic circulation over Punjab & neighbourhood to cyclonic circulation over northeast Madhya Pradesh adjoining southeast Uttar Pradesh across south Haryana, northeast Rajasthan, northwest Madhya Pradesh at 1.5 km above mean sea level.
- ❖ An **upper air cyclonic circulation** over central Assam now lies over Northeast Assam & adjoining Arunachal Pradesh and extends upto 3.1 km above mean sea level.

Weather Forecast & Warnings for next 7 days (Upto 0830 hours IST of 29th May, 2025)



22nd May (Day 1)

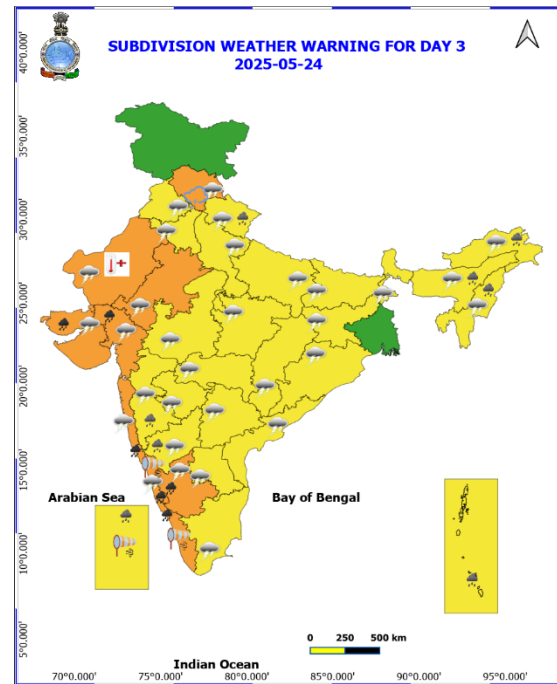
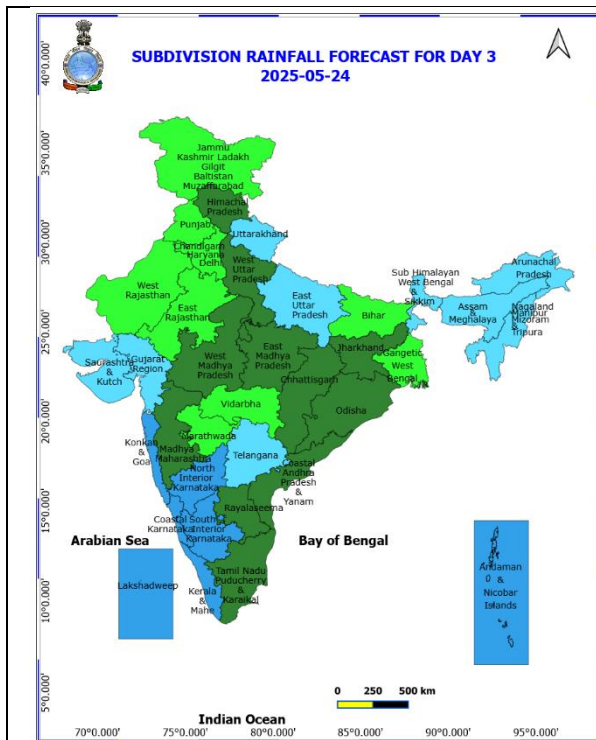
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Costal Karnataka, Konkan & Goa and Madhya Maharashtra.
- ❖ **Heavy Rainfall** very likely at isolated places over Andhra Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat State, Interior Karnataka, Jharkhand, Kerala & Mahe, Marathwada, Telangana and West Bengal & Sikkim.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Chhattisgarh, Gujarat State, Jharkhand, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andhra Pradesh, Arunachal Pradesh, Assam & Meghalaya, Interior Karnataka, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Odisha, Rajasthan, Telangana, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar and Costal Karnataka.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Kerala & Mahe.
- ❖ **Dust Storm** very likely at isolated places over West Rajasthan.
- ❖ **Strong Surface Winds** very likely at isolated places over Costal Karnataka, Kerala & Mahe, Konkan & Goa and Lakshadweep.
- ❖ **Heat Wave to severe heat wave conditions** very likely at isolated places over West Rajasthan; **Heat Wave conditions** very likely at isolated places over Haryana, Jammu-Kashmir, Madhya Pradesh, Punjab and East Rajasthan.
- ❖ **Hot and Humid weather** very likely at isolated places over Odisha.
- ❖ **Warm Night conditions** very likely at isolated places over Rajasthan, Haryana, Chandigarh & Delhi and Punjab.
- ❖ **Squally wind with speed 45 kmph to 50 kmph gusting to 55 kmph** likely to prevail along and off Somalia coast and adjoining parts of southwest Arabian Sea, over Gulf of Mannar and adjoining Comorin area. **Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph** prevailing along and off Konkan, Goa & adjoining south Gujarat coast, along and off Kerala, Karnataka coasts, over Lakshadweep area, over some parts of eastcentral Arabian Sea, along and off Andhra Pradesh coast and adjoining sea area. Fishermen are advised not to venture into these areas.



23rd May (Day 2)

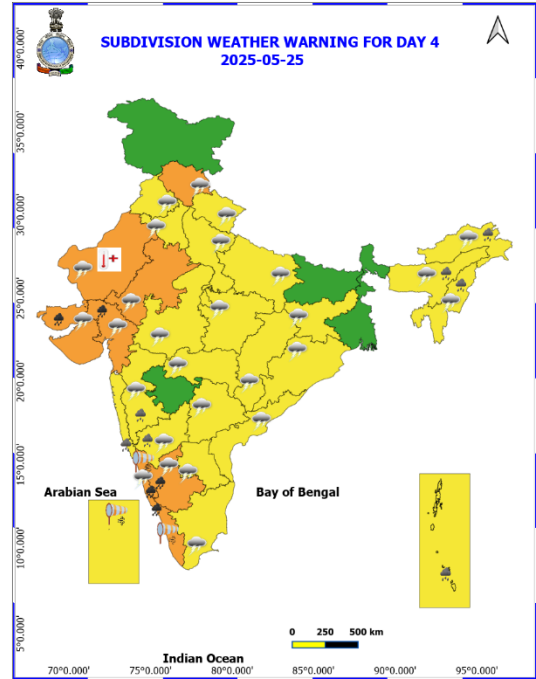
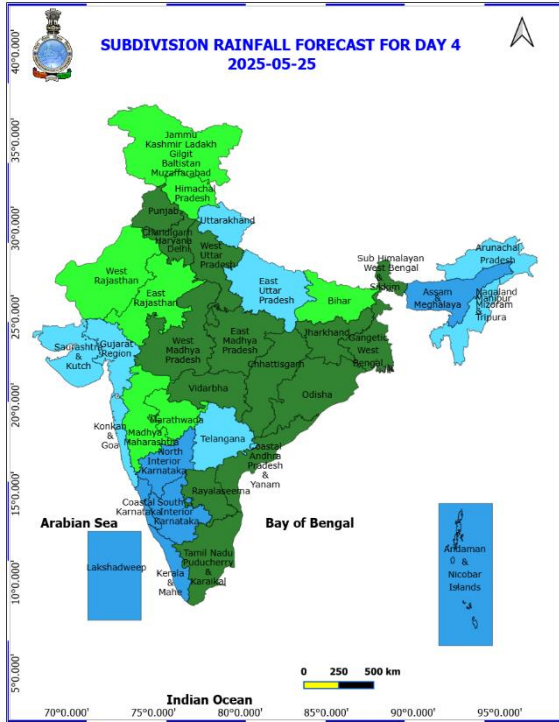
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Costal Karnataka, Gujarat State, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra and South Interior Karnataka.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Lakshadweep, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka and Uttarakhand.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Bihar, Gujarat State, Konkan & Goa and Madhya Maharashtra.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andhra Pradesh, Chhattisgarh, Interior Karnataka, Jharkhand, Madhya Pradesh, Marathwada, Odisha, Rajasthan, Telangana, Uttar Pradesh, Uttarakhand and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Costal Karnataka, Himachal Pradesh and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Dust Storm** very likely at isolated places over West Rajasthan.
- ❖ **Strong Surface Winds** very likely at isolated places over Costal Karnataka, Kerala & Mahe, Konkan & Goa and Lakshadweep.
- ❖ **Heat Wave to severe heat wave conditions** very likely at isolated places over West Rajasthan; **Heat Wave conditions** very likely at isolated places over Haryana, Jammu-Kashmir, Madhya Pradesh, Punjab and East Rajasthan.
- ❖ **Warm Night conditions** very likely at isolated places over West Rajasthan, Haryana, Chandigarh & Delhi and Punjab.
- ❖ **Squally wind with speed 45 kmph to 50 kmph gusting to 55 kmph** likely to prevail along and off Somalia coast and adjoining parts of southwest and westcentral Arabian Sea. **Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph** prevailing along and off south Gujarat, Konkan, Goa, Kerala, Karnataka coasts, over Lakshadweep area, over some parts of eastcentral Arabian Sea, over Gulf of Mannar and adjoining Comorin area, along and off Andhra Pradesh coast and adjoining sea area. Fishermen are advised not to venture into these areas.

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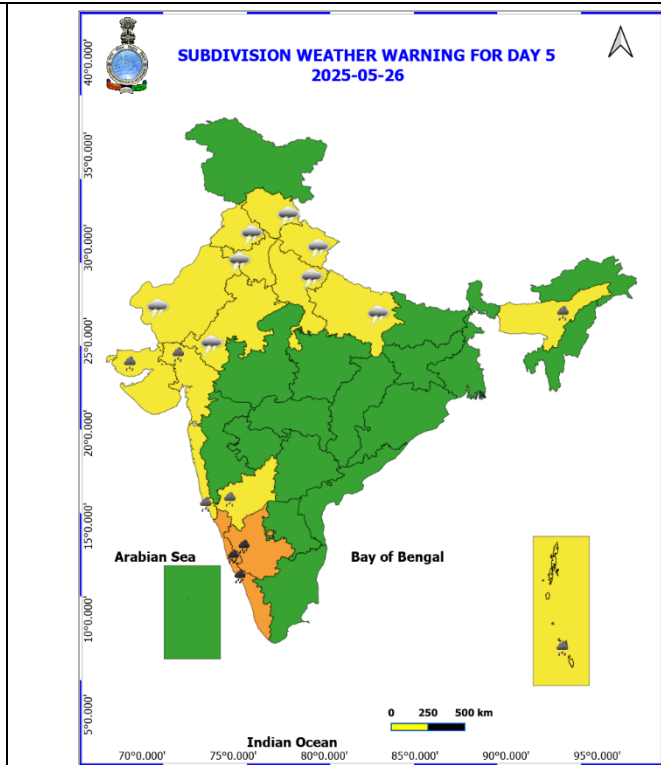
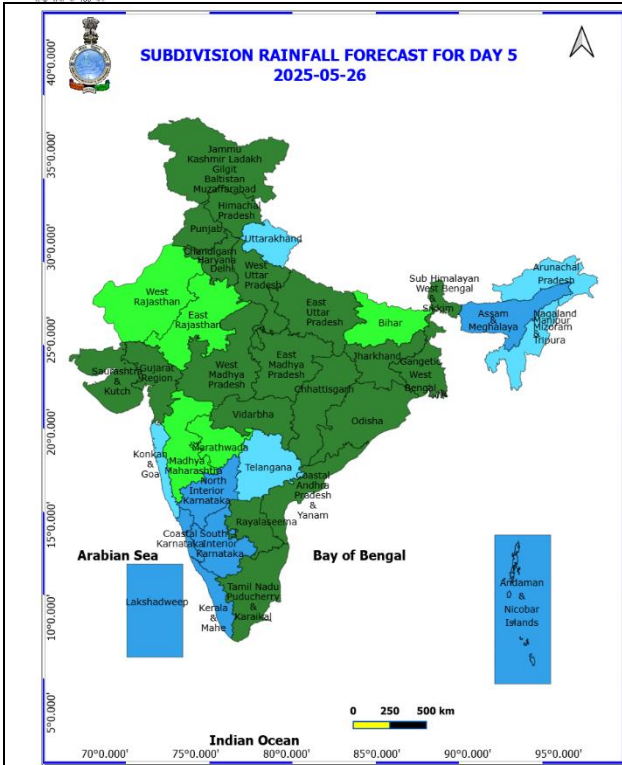
24th May (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Costal Karnataka, Gujarat State, Kerala & Mahe, Konkan & Goa and South Interior Karnataka.
- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Lakshadweep, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka and Uttarakhand.
- ❖ **Thunderstorm accompanied with Hailstorm** likely at isolated places over Himachal Pradesh.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Himachal Pradesh and Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andhra Pradesh, Bihar, Gujarat State, Haryana, Chandigarh & Delhi, Interior Karnataka, Jharkhand, Konkan & Goa, Madhya Pradesh, Maharashtra, Odisha, Punjab, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Costal Karnataka and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
- ❖ **Strong Surface Winds** likely at isolated places over Costal Karnataka, Kerala & Mahe and Lakshadweep.
- ❖ **Heat Wave conditions** likely at isolated places over West Rajasthan.
- ❖ **Squally wind with speed 45 kmph to 50 kmph gusting to 55 kmph** likely to prevail along and off Somalia coast and adjoining parts of southwest and westcentral Arabian Sea. **Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph** prevailing along and off south Gujarat, Konkan, Goa, Kerala, Karnataka coasts, over Lakshadweep area, over many parts of eastcentral Arabian Sea, adjoining parts of northeast Arabian Sea, over Gulf of Mannar and adjoining Comorin area, along and off Andhra Pradesh coast and adjoining sea area. Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph prevailing over central parts of eastcentral Arabian Sea. Fishermen are advised not to venture into these areas.



25th May (Day 4)

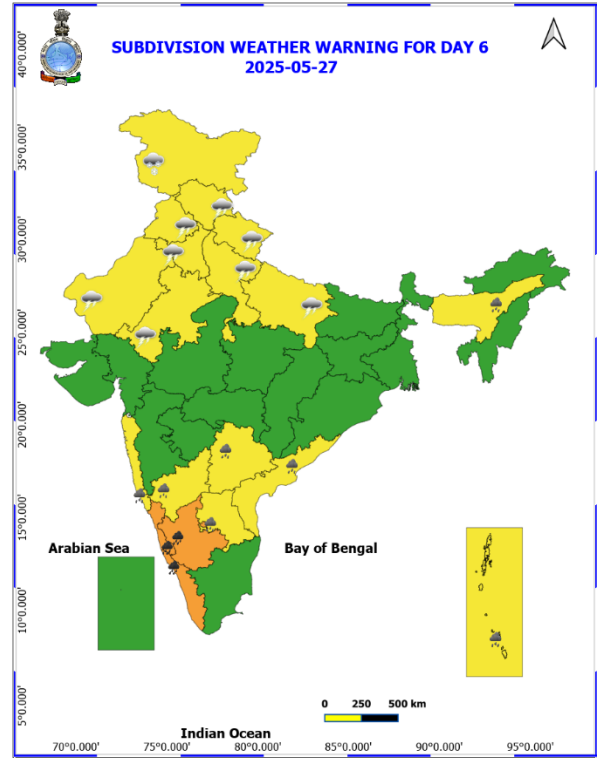
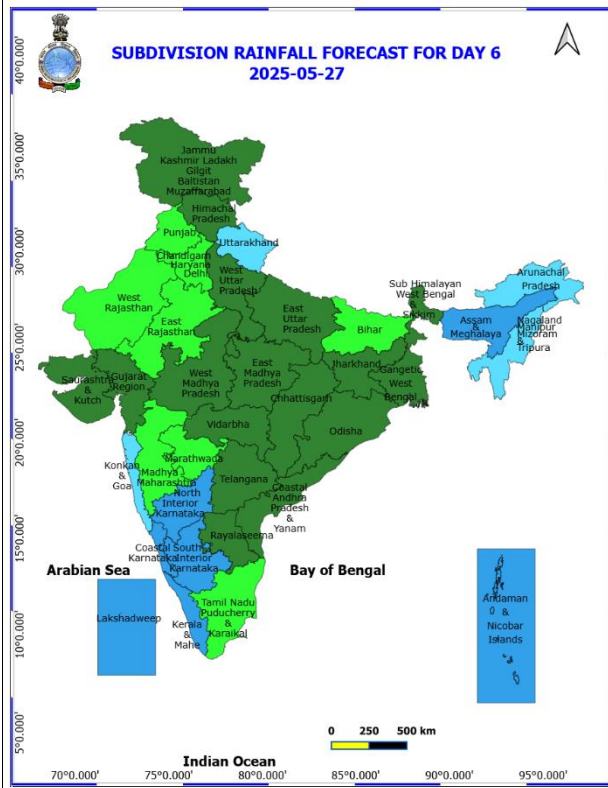
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Costal Karnataka, Gujarat State, Kerala & Mahe and South Interior Karnataka.
- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura and North Interior Karnataka.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Himachal Pradesh and Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andhra Pradesh, Gujarat State, Haryana, Chandigarh & Delhi, Interior Karnataka, Jharkhand, Madhya Maharashtra, Madhya Pradesh, Odisha, Punjab, Telangana, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Costal Karnataka and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Tamil Nadu Puducherry & Karaikal.
- ❖ **Strong Surface Winds** likely at isolated places over Costal Karnataka, Kerala & Mahe and Lakshadweep.
- ❖ **Heat Wave conditions** likely at isolated places over West Rajasthan.
- ❖ **Squally wind with speed 45 kmph to 50 kmph gusting to 55 kmph** likely to prevail along and off Somalia coast and over many parts of southwest Arabian Sea and adjoining parts of westcentral and southeast Arabian Sea. Squally wind with speed 50 kmph to 60 kmph gusting to 70 kmph likely to prevailing over central parts of eastcentral Arabian Sea. **Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph** prevailing along and off Gujarat, Konkan, Goa, Kerala, Karnataka coasts, over Lakshadweep area, over eastcentral Arabian Sea, adjoining parts of northeast Arabian Sea and some parts of southeast Arabian Sea, over Gulf of Mannar and adjoining Comorin area, along and off Andhra Pradesh coast and adjoining sea area, over Andaman Sea. **Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph** prevailing over many parts of eastcentral Arabian Sea. Fishermen are advised not to venture into these areas.



26th May (Day 5)

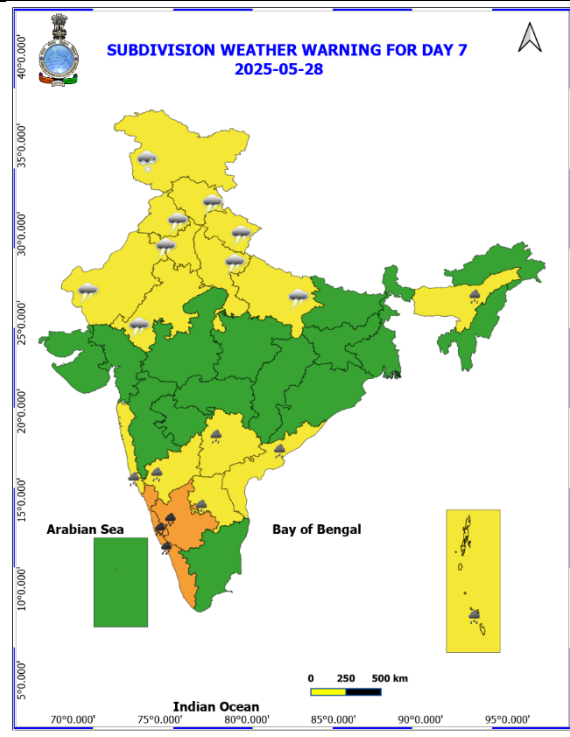
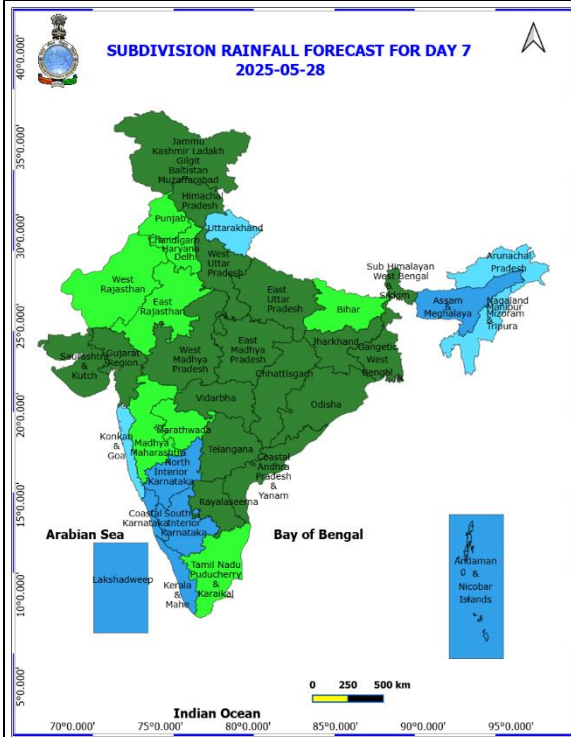
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Costal Karnataka, Kerala & Mahe and South Interior Karnataka.
- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Gujarat State, Konkan & Goa and North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Punjab, Rajasthan, Uttar Pradesh and Uttarakhand.

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27th May (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Costal Karnataka, Kerala & Mahe and South Interior Karnataka.
- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Assam & Meghalaya, Konkan & Goa, North Interior Karnataka and Telangana.
- ❖ **Heavy Snowfall** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Punjab, Rajasthan, Uttar Pradesh and Uttarakhand.



28th May (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Coastal Karnataka, Kerala & Mahe and South Interior Karnataka.
- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Assam & Meghalaya, Konkan & Goa, North Interior Karnataka and Telangana.
- ❖ **Heavy Snowfall** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Punjab, Rajasthan, Uttar Pradesh and Uttarakhand.

Weather Outlook for subsequent 3 days (During 29th May- 31st May, 2025)

- ❖ **Fairly widespread to widespread** rainfall activity likely over Northeast India.
- ❖ **Scattered to fairly widespread** rainfall activity likely over Chhattisgarh, Maharashtra, East and south peninsular India.
- ❖ **Isolated to scattered rainfall** likely over Jammu-Kashmir-Ladakh, Uttarakhand, Himachal Pradesh, Punjab, Haryana-Chandigarh-Delhi, Rajasthan, Uttar Pradesh, East Rajasthan and Madhya Pradesh.

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.

Fig. 1: Maximum Temperatures

Fig. 2: Departure of Maximum Temperatures

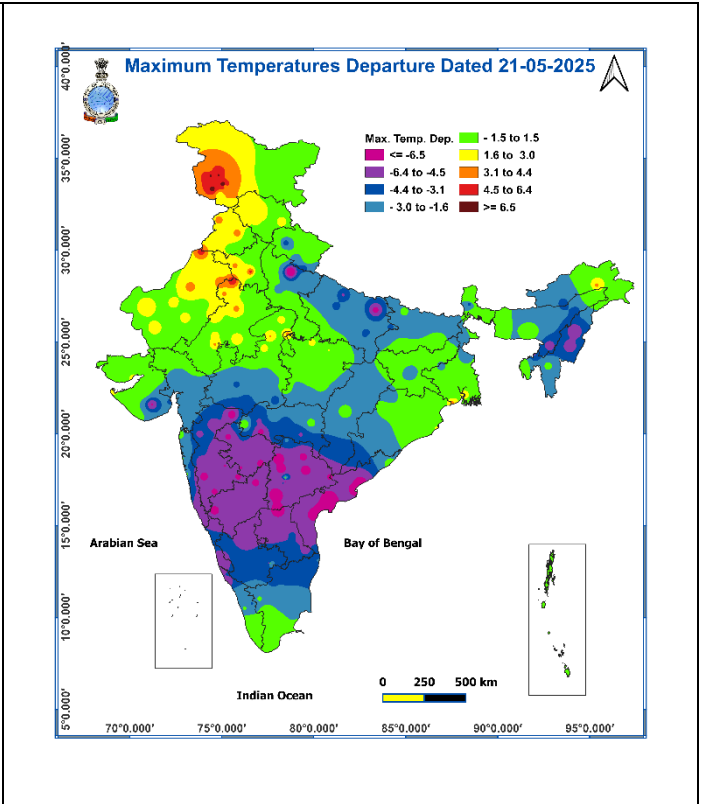
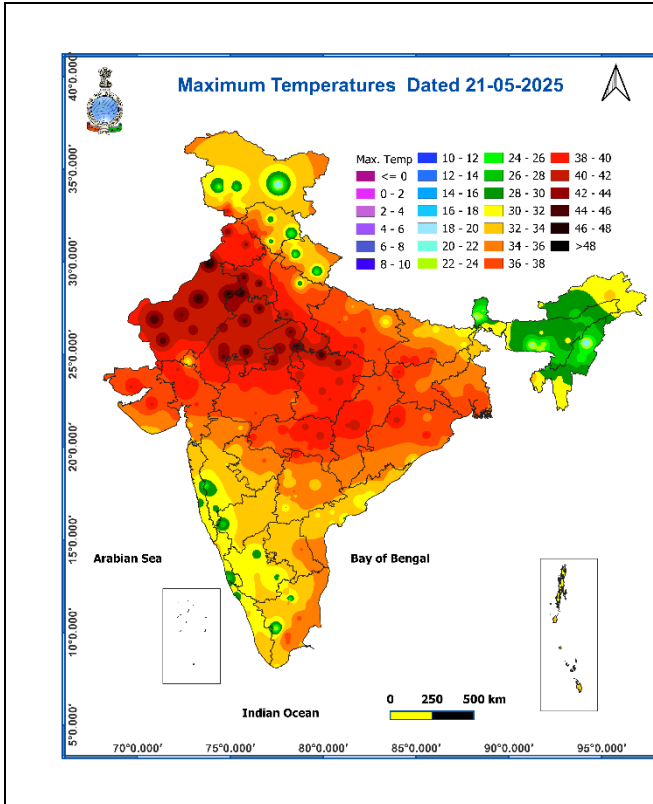


Fig. 3: Minimum Temperatures

Fig. 4: Departure of Minimum Temperatures

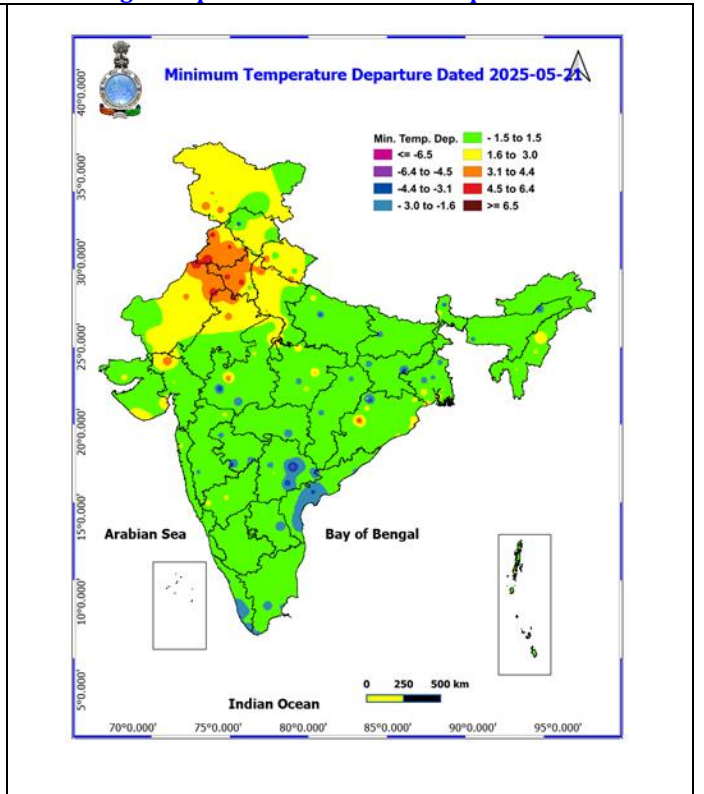
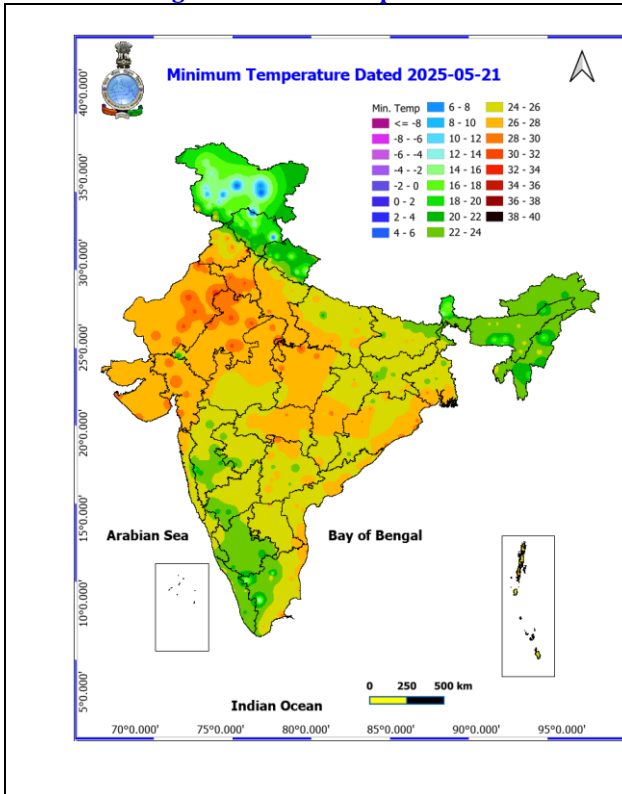


Fig. 5: Advance of Southwest Monsoon 2025

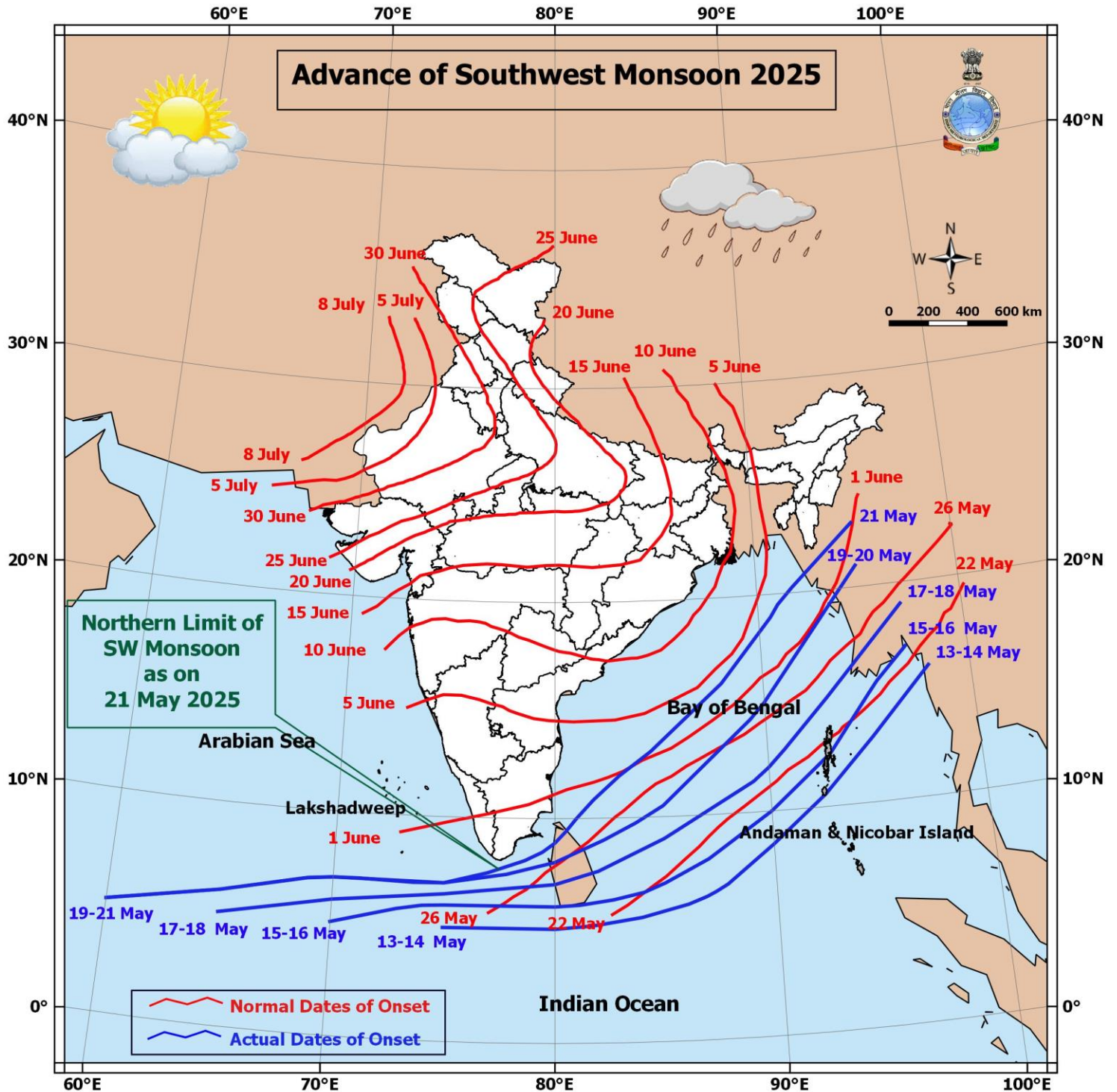
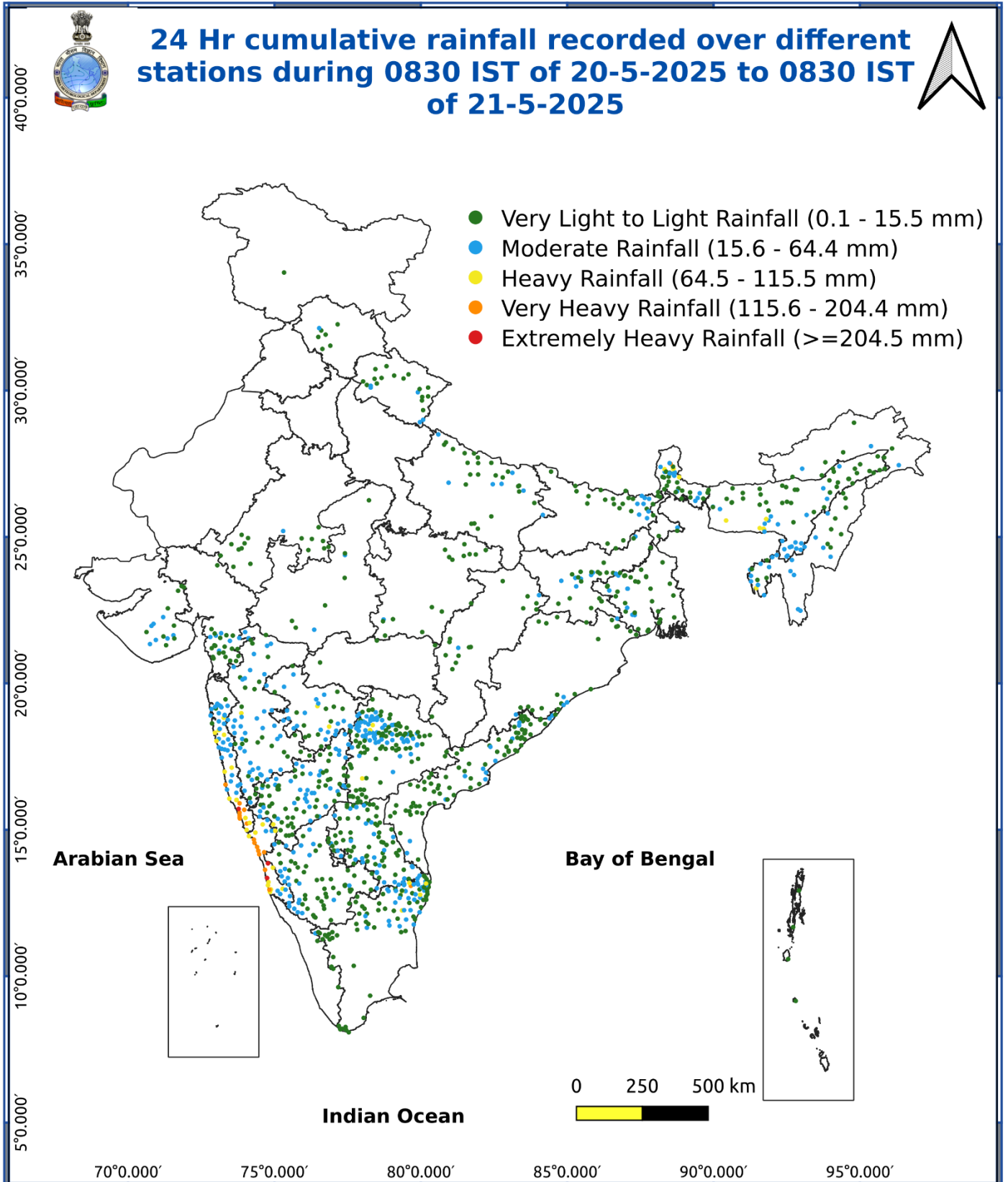


Fig. 6: Accumulated Rainfall (mm) during past 24 hours

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

- ❖ **Isolated very heavy rainfall** over Kerala, Coastal & South Interior Karnataka during 22nd -27th; Madhya Maharashtra on 22nd -23rd; Konkan & Goa during 22nd -24th; Gujarat State during 23rd -25th May.
- ❖ **Isolated heavy rainfall** over Coastal Andhra Pradesh & Yanam, Rayalaseema & Telangana on 22nd & 27th and Lakshadweep on 23rd & 24th; Konkan & Goa, Gujarat State during 25th -27th; Madhya Maharashtra on 24th & 25th; Marathawada on 22nd 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 kutchha 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** over Konkan & Goa, Gujarat State & Madhya Maharashtra on 22nd -23rd; West Madhya Pradesh, Gangetic West Bengal, Jharkhand, Chhattisgarh on 22nd; Sub-Himalayan West Bengal & Sikkim on 22nd; Bihar on 23rd; Rajasthan, Himachal Pradesh on 24th & 25th May.
- ❖ **Isolated hailstorm** over Himachal Pradesh 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 kutchha 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.

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- 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 22nd -23rd May; **Heat wave conditions** in isolated pockets of Jammu-Kashmir, Punjab, Haryana Chandigarh & Delhi, East Rajasthan on 22nd -23rd; West Rajasthan on 24th & 25th; south Uttar Pradesh & north Madhya Pradesh on 22nd May.

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 **Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Jharkhand, Bihar, Chhattisgarh, Konkan & Goa, Madhya Maharashtra, Marathwada, Gujrat, Tamil Nadu, Kerala, Karnataka, Andhra Pradesh and Telangana**, drain out excess water and ensure proper drainage in fields with standing crops and vegetables.
- In **Uttarakhand and East Uttar Pradesh**, 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, Punjab, Haryana, South Uttar Pradesh, Rajasthan and North Madhya Pradesh**, 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.

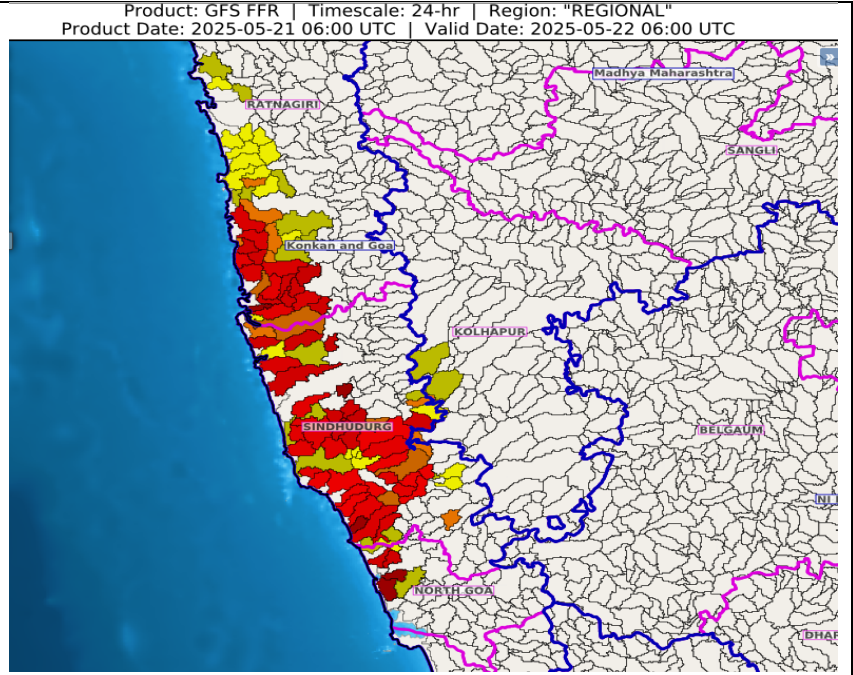
Flash Flood Guidance:

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 22-05-2025:

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

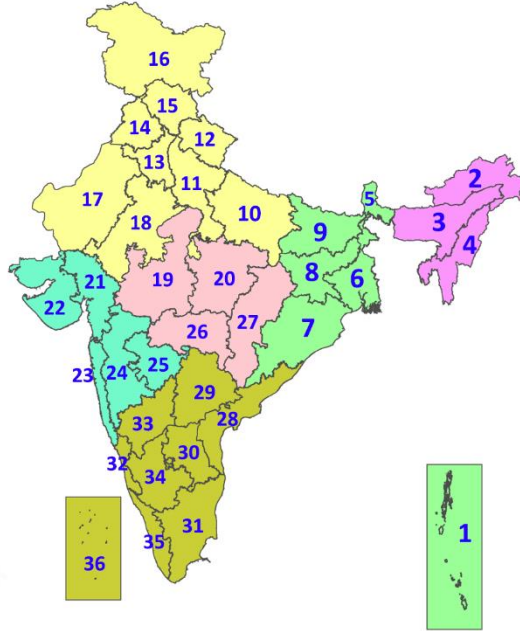
Konkan & Goa - North Goa, Ratnagiri and Sindhudurg districts.

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.



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

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 62-87 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)