



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 13th June, 2025

Time of Issue: 1430 hours IST

Subject: (i) Conditions are favourable for further advancement of Southwest monsoon over some more parts of Vidarbha, Chhattisgarh & Odisha during next 2 days; over some parts of Gujarat, West Bengal, Jharkhand and Bihar during subsequent 3 days.
(ii) Monsoon likely to be in active phase with heavy to very heavy rainfall at a few places and extremely heavy falls (>20 cm/24 hours) at isolated places over south peninsular India and Konkan & Goa during 13th-17th June, 2025.
(iii) Heat Wave to severe heat wave conditions are likely to continue over Northwest India including Western Himalayan Region during next 2 days and reduce thereafter.

Southwest Monsoon: (Annexure I):

- ❖ The Northern Limit of Monsoon continues to pass through 17.0°N/55°E, 17.5°N/60°E, 18°N/65°E, 18.5°N/70°E, Mumbai, Ahilyanagar, Adilabad, Bhawanipatna, Puri, Sandhead Island, 23.5°N/89.5°E, Balurghat, 30°N/85°E.
- ❖ Conditions are favourable for further advancement of Southwest monsoon over some more parts of Vidarbha, Chhattisgarh & Odisha during next 2 days; over some parts of Gujarat, West Bengal, Jharkhand and Bihar during subsequent 3 days.

Realised weather during past 24 hours till 0830 hours IST of today, the 13th June, 2025 (Annexure II):

- ❖ **Heat wave conditions** prevailed at many places with **severe heat wave conditions** at isolated places over Jammu-Kashmir, Haryana, West Rajasthan; **Heat wave conditions** at many places over Punjab; at some parts over East Rajasthan; at isolated places over Delhi, Himachal Pradesh and East Madhya Pradesh.
- ❖ **Warm night to severe warm night conditions** prevailed in some parts of East Rajasthan; in isolated pockets of Haryana; **Warm night conditions** in many parts of Punjab.
- ❖ **Hailstorm** occurred at isolated places over Himachal Pradesh.
- ❖ **Heavy to very heavy rainfall with Extremely heavy rainfall** has been recorded at isolated places over Konkan and Coastal Karnataka.
- ❖ **Heavy rainfall** at isolated places over Goa, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, Interior Karnataka and Kerala & Mahe.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds** with speed 60-90 kmph at isolated places over West Madhya Pradesh, Madhya Maharashtra, Marathawada; with speed 30-59 kmph at isolated places over Tamil Nadu, Puducherry & Karaikal, Konkan, Bihar, East Uttar Pradesh, Jammu-Kashmir, Himachal Pradesh, East Madhya Pradesh, Jharkhand, West Bengal, Arunachal Pradesh, Assam & Meghalaya, Mizoram and Odisha.

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):

- ❖ An **upper air cyclonic circulation** lies over Northwest Rajasthan and a **trough** runs from this **upper air cyclonic circulation** to Marathwada across Madhya Pradesh & Vidarbha in lower tropospheric levels.

- ❖ An **upper air cyclonic circulation** lies over North Interior Karnataka and adjoining Telangana & Rayalaseema in lower & middle tropospheric levels tilting southwestwards with height.
- ❖ A **trough** runs from westcentral Arabian Sea to South Coastal Odisha in lower tropospheric levels.
- ❖ A **Western Disturbance** seen as a trough in middle tropospheric westerlies runs roughly along Long. 66°E to the north of Lat. 28°N.
- ❖ Under the influence of these systems, the following weather is likely:

South Peninsular India:

- ✓ Light/moderate rainfall at most/many places very likely over Kerala & Mahe, Karnataka and Lakshadweep during next 7 days and Light/moderate rainfall at many/some places accompanied with isolated **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** over Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana, Karnataka during 13th-17th; Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal on 13th & 17th June.
- ✓ Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 13th-18th; Kerala & Mahe during 13th-19th; Coastal Andhra Pradesh & Yanam during 13th-16th; Rayalaseema on 13th; Telangana, Coastal Karnataka during 13th-18th; Interior Karnataka during 13th-17th; with **very heavy rainfall** over Tamil Nadu, Puducherry & Karaikal on 13th, 16th, 17th; Kerala & Mahe on 13th, 17th & 18th; Coastal Karnataka on 16th & 17th; South Interior Karnataka during 15th-17th; North Interior Karnataka on 13th & 14th with **Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over Coastal Karnataka during 13th-15th; South Interior Karnataka on 13th June; Kerala & Mahe during 14th-16th; Tamil Nadu, Puducherry & Karaikal on 14th & 15th June.**
- ✓ **Strong surface winds** (speed reaching 50-60 kmph) very likely over Kerala & Mahe during 14th-16th and Interior Karnataka on 13th June.

West India:

- ✓ Light/moderate rainfall at most/many places accompanied with **thunderstorm & lightning** likely over Madhya Maharashtra & Gujarat Region during 13th-15th; Marathwada during 13th-17th; Konkan & Goa on 13th; Saurashtra & Kutch during 13th-16th June.
- ✓ Isolated **heavy rainfall** likely over Marathwada on 13th & 14th; Konkan & Goa, Madhya Maharashtra, Gujarat Region during 13th-19th; Saurashtra & Kutch during 14th-19th June with **very heavy rainfall** at a few places over Konkan & Goa on 17th; Madhya Maharashtra on 13th & during 15th-17th; Saurashtra & Kutch on 15th & 16th June with **Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over Konkan & Goa during 13th-16th June.**

East & Central India:

- ✓ Light/moderate rainfall at some/many places likely to continue over Sub-Himalayan West Bengal & Sikkim during next 7 days and Light/moderate rainfall at isolated/some places accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Madhya Pradesh during 14th-17th; Vidarbha, Chhattisgarh during 15th-17th; Andaman & Nicobar Islands, West Bengal & Sikkim during 13th-15th; Bihar, Jharkhand, Odisha during 13th-17th June with **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** very likely at isolated places over West Madhya Pradesh during 13th-15th; Vidarbha on 13th & 14th; Chhattisgarh on 14th; Bihar on 15th June.
- ✓ Isolated **heavy rainfall** also likely over East Madhya Pradesh on 16th & 17th; Vidarbha, Chhattisgarh during 15th-19th; Andaman & Nicobar Islands on 13th; Sub-Himalayan West Bengal & Sikkim during 13th-15th; Gangetic West Bengal during 16th-18th; Bihar on 19th; Jharkhand during 17th-19th; Odisha during 14th-18th June with **very heavy rainfall** over Sub-Himalayan West Bengal & Sikkim on 14th and Odisha on 16th & 17th June.

Northwest India:

- ✓ Light/moderate rainfall at some/isolated places accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Haryana Chandigarh & Delhi, West Uttar Pradesh during 13th-19th; East Uttar Pradesh during 14th-19th; Rajasthan on 18th & 19th June.
- ✓ Isolated **heavy rainfall** likely over Uttarakhand during 13th-19th; East Uttar Pradesh during 17th-19th and West Uttar Pradesh on 19th June.
- ✓ **Dust storm/ Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** very likely at isolated places over Rajasthan during 13th-17th June.

Northeast India:

- ✓ Light/moderate rainfall at many/most places accompanied with **thunderstorm, lightning & gusty winds speed reaching 30-40 kmph** likely to continue over Northeast India during next 7 days with **isolated heavy rainfall** over Arunachal Pradesh during 14th-19th, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 13th-19th with **very heavy rainfall** on Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura during 17th-19th; Assam & Meghalaya during 16th-19th June.

Maximum Temperature Forecast:

- ❖ No significant change in maximum temperatures likely over Northwest, Central & East India during next 2 days and gradual fall by 2-4°C thereafter during subsequent 5 days.
- ❖ No significant change in maximum temperatures likely over rest parts of the country.

Heat wave, Hot & Humid weather and Warn Night warnings:

- ❖ **Heat wave condition** very likely at many/some places over Rajasthan on 13th-15th with **severe heat wave conditions** at some parts over West Rajasthan on 13th & 14th June.
- ❖ **Heat wave condition** very likely at many/some places over Punjab during 13th-15th with **severe heat wave conditions** at isolated/some parts on 13th June.
- ❖ **Heat wave condition** very likely at many/some places over Haryana during 13th-15th with **severe heat wave conditions** at isolated/some parts on 13th & 14th June.
- ❖ **Heat wave condition** very likely at isolated places over Jammu-Kashmir, Himachal Pradesh on 13th & 14th with **severe heat wave conditions** at some parts over Jammu-Kashmir on 13th June.
- ❖ **Heat wave conditions** very likely in some/many places over Uttar Pradesh & Madhya Pradesh on 13th & 14th June.
- ❖ **Hot & humid weather** is likely to prevail over Arunachal Pradesh, Assam & Meghalaya on 13th; Bihar on 13th & 14th June.
- ❖ **Warm night conditions** very likely in isolated pockets over Punjab, Haryana during 13th & 15th; West Rajasthan on 13th & 14th; East Rajasthan on 13th June.

Fishermen Warnings:

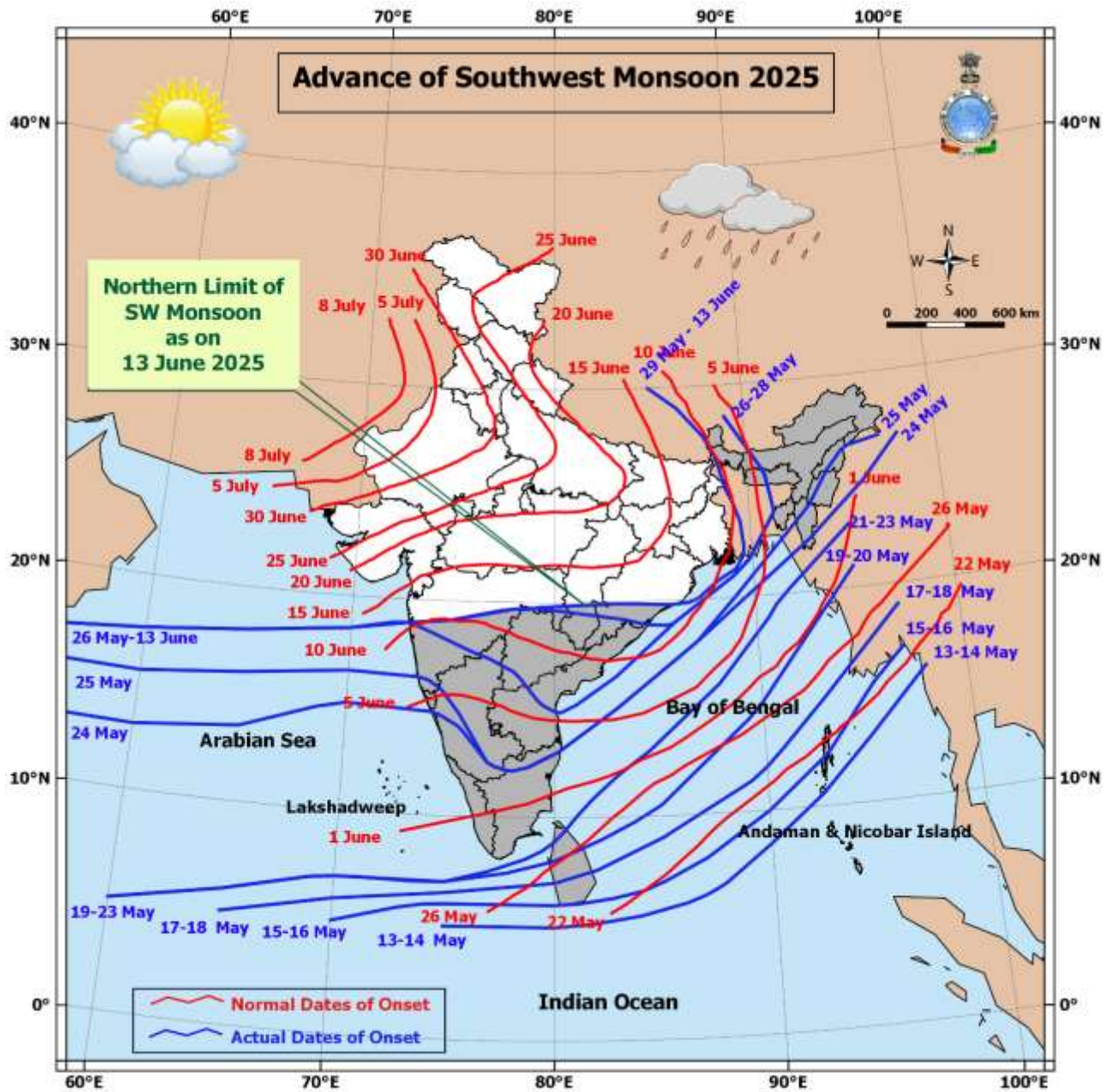
- ❖ Fishermen are advised not to venture along and off the Somalia coast and adjoining sea areas during 13th-17th June.
- ❖ Fishermen are advised not to venture over Comorin area from day 1 to day 5 (13th to 18th June 2025); Along and off Konkan, Goa, Karnataka, Kerala coasts for day 1 to day 5 (13th to 18th June 2025); Gujarat coast for day 4 and day 5 (16th to 18th June 2025); over Lakshadweep, Maldives areas and south east Arabian Sea, eastcentral Arabian Sea for day 1 to day 5 (13th to 18th June 2025); over few northern parts of southwest & southern parts of westcentral Arabian Sea for day 1; over some parts of southwest & westcentral Arabian Sea for day2 (14th June 2025) & many parts of southwest and westcentral Arabian Sea for day 3 to day 5 (15th to 18th June 2025); some parts of northeast Arabian Sea for day 4, day 5 (16th to 18th June 2025).
- ❖ Fishermen are advised not to venture over south Bay of Bengal for day 1 to day 5 (13th to 18th June 2025), adjoining parts of central Bay of Bengal for day 1 (13th June 2025); over central Bay of Bengal for day 2 to day 5 (14th to 18th June 2025); along and off Tamil Nadu coast for day 1 to day 5 (13th to 18th June 2025), along and off Andhra Pradesh coasts for day 2 to day 5 (14th to 18th June 2025); along and off Sri Lanka coast for day 1 to day 5 (13th to 18th June 2025), along and off Odisha, West Bengal coasts and northwest Bay of Bengal for day 5 (17th June 2025).
- ❖ Fishermen are advised not to venture over the Gulf of Mannar from day 1 to day 5 (13th to 18th June 2025).
- ❖ Fishermen are advised not to venture over the Andaman Sea from day 1 to day 5 (13th to 18th June 2025).
- ❖ Total suspension of fishing operations is suggested over above mentioned areas and dates.

ii. Weather conditions and forecast over Delhi/NCR during 13th June to 16th June, 2025 (Annexure VI)

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:**Rainfall recorded (in cm) reported during past 24 hours till 0830 hours IST of today, the 13th June:**

- ❖ **Konkan & Goa:** Rameshwar ARG (dist Sindhudurg) 30; Ponda (dist North Goa), Devgad (dist Sindhudurg) 22 Each; Sanguem (dist South Goa), Canacona (dist South Goa) 14 Each; Vaibhavwadi (dist Sindhudurg) 11; Mapusa (dist North Goa), Quepem (dist South Goa) 10 Each; Pernem (dist North Goa), Panjim (dist North Goa) 9 Each; Pawarwadi - ARG (dist Ratnagiri), Margao (dist South Goa), Dabolim N.a.s.- Navy (dist South Goa), Lanja (dist Ratnagiri) 8 Each; Murbad (dist Thane), Malvan (dist Sindhudurg), Guhagarh (dist Ratnagiri), Kankavli (dist Sindhudurg) 7 Each;
- ❖ **Coastal Karnataka:** Karwar (dist Uttara Kannada) 24; Kundapur (dist Udupi) 16; Kota (dist Udupi) 15; Udupi (dist Udupi), Honavar (dist Uttara Kannada) 12 Each; Mulki (dist Dakshina Kannada), Kumta (dist Uttara Kannada) 10 Each; Mudubidre (dist Dakshina Kannada), Gersoppa (dist Uttara Kannada) 9 Each; Siddapura (dist Udupi), Gokarna (dist Uttara Kannada), Kadra (dist Uttara Kannada) 8 Each;
- ❖ **Telangana:** Jadcherla (dist Mahabubnagar) 11;
- ❖ **Tamil Nadu, Puducherry & Karaikal:** Arakonam (dist Ranipet) 10; Uthukottai (dist Tiruvallur) 9; Poondi (dist Tiruvallur), Gummidipoondi (dist Tiruvallur) 8 Each; Ponneri (dist Tiruvallur), Tiruttani (dist Tiruvallur), Minnal (dist Ranipet) 7 Each;
- ❖ **Coastal Andhra Pradesh & Yanam:** Macherla (dist Palnadu) 10;
- ❖ **North Interior Karnataka:** Bailhongal (dist Belagavi), Zalki Cross (dist Vijayapura) 9 Each; Sedbal (dist Belagavi), Dharwad HOS (dist Dharwad) 8 Each;
- ❖ **Rayalaseema:** Tada (dist Tirupati) 8;
- ❖ **Kerala & Mahe:** Hosdurg (dist Kasargod) 8; Peringome AWS (dist Cannur) 7;
- ❖ **South Interior Karnataka:** Bhadravathi (dist Shivamogga) 7;
- ❖ **Madhya Maharashtra:** Kolhapur/Karvir IMD (dist Kolhapur) 7.

Realised Gusty Winds (kmph) During Past 24hours ending at 0830 hrs IST of today the 13th June:

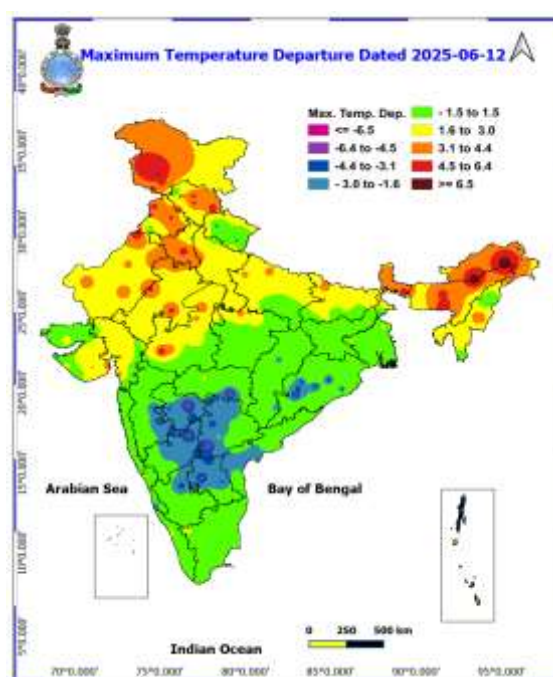
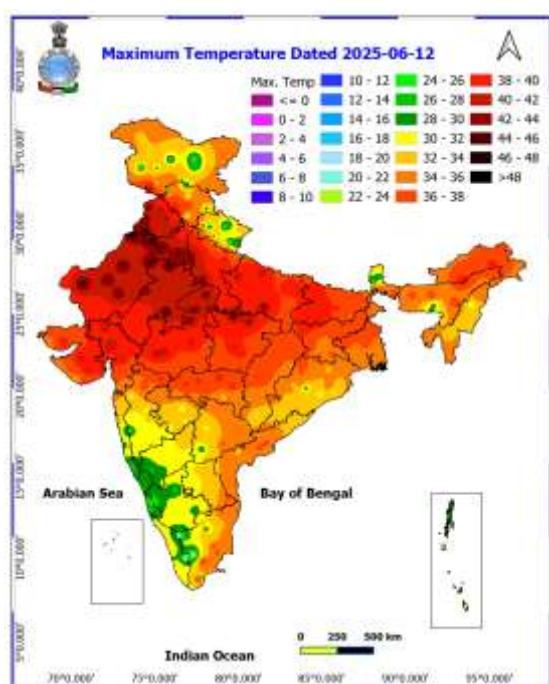
- ❖ **West Madhya Pradesh:** Morena-83, Indore 65;
- ❖ **Madhya Maharashtra:** Dhule 70, Shahada (Nandurbar) 68, Kopergaon (Ahilyanagar) 54 Kmph, Shivajinagar (Pune)- 72,
- ❖ **Marathwada:** Chhatrapati Sambhaji Nagar 67, Jalna 63;
- ❖ **Tamilnadu Puducherry & Karaikal:** Tenkasi 56, Vendasandur 52, Thoonthukudi 50, Coimbatore 48, Kadavur_Taluk_Office 46, Natham, Kovilpatti 41 each, Namakkal 39;
- ❖ **Arunachal Pradesh:** Anini 56, Lowertato 44, Kalaktang 35, Seppa 33;
- ❖ **Konkan:** Sindhudurg (Devgad) 52, Raigad (Alibag) 48;
- ❖ **Bihar:** Arrabari 48, Khagaria 41, IIT_Patna 31, Bhojpur 31, Araria 31, Saraiya 30, Dumraon 30;
- ❖ **Assam & Meghalaya:** Chandubi 41, Mawkyrwat 35, Umium 33, Shillong 30;
- ❖ **East Uttar Pradesh:** Bahraich 46;
- ❖ **Jammu-Kashmir:** Chatha 37;
- ❖ **Himachal Pradesh:** Bajaura 37;
- ❖ **East Madhya Pradesh:** Jabalpur 37;
- ❖ **Jharkhand:** Bokaro 37, Chatra 30, Palamu Daltongunj 30, Barhi 30;
- ❖ **Gangetic West Bengal:** Kolkata Airport 32, Diamond Harbour 31;
- ❖ **Sub-Himalayan West Bengal:** Jalpaiguri 31;
- ❖ **Odisha:** Bhubaneswar 31, Jagatsinghpur 30;
- ❖ **Mizoram:** Champai 30

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

- ❖ Yesterday, Maximum temperatures are in the range of 43-48°C over most places of Rajasthan, Punjab; few places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Haryana-Chandigarh-Delhi; in isolated places over Madhya Pradesh, Uttar Pradesh. They were in the range of 39-43 °C over many places of Gujarat state, Bihar; at isolated places over Vidarbha. They were in the range of 35-39°C over many places over Assam & Meghalaya. Gangetic West Bengal; few places over Himachal Pradesh, Chhattisgarh; at isolated places over Odisha, Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh & Yanam, Uttarakhand, Marathwada, Jharkhand, Nagaland, Manipur, Mizoram & Tripura, Telangana, Madhya Maharashtra and Tamil Nadu, Puducherry & Karaikal and below 35 °C, elsewhere in the remaining part of the country. Yesterday, The highest maximum temperature of 47.8°C was reported at **Sri Ganganagar (Rajasthan)**.
- ❖ Yesterday, Maximum Temperature Departures were **markedly above normal (> 5.1°C)** at many places over Assam & Meghalaya and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at most places over Arunachal Pradesh; at a few places over East Rajasthan; at isolated places over Sub Himalayan West Bengal & Sikkim, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Himachal Pradesh, West Rajasthan, West Madhya Pradesh and East Madhya Pradesh; **appreciably above normal (3.1°C to 5.0°C)** at many places over Nagaland, Manipur, Mizoram & Tripura and Punjab; at a few places over Bihar, East Uttar Pradesh and Saurashtra & Kutch; at isolated places over Gujarat Region; **above normal (1.6°C to 3.0°C)** at a few places over Gangetic West Bengal, Uttarakhand and Coastal Karnataka; at isolated places over Odisha, Vidarbha, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe and **near normal (-1.5°C to 1.5°C)** at many places over Konkan & Goa, Madhya Maharashtra, Chhattisgarh, Coastal Andhra Pradesh & Yanam and South Interior Karnataka; at most places over Lakshadweep; at a few places over Andaman & Nicobar Islands, Jharkhand, Telangana and North Interior Karnataka; at isolated places over Marathwada and Rayalaseema.

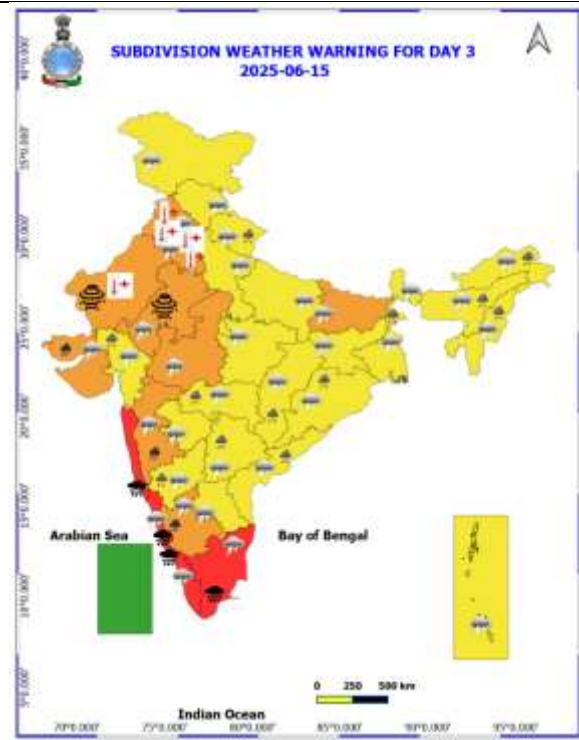
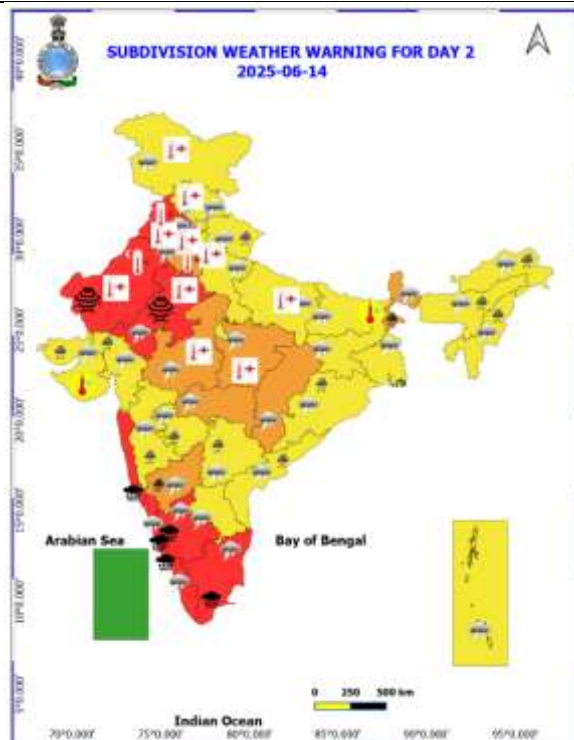
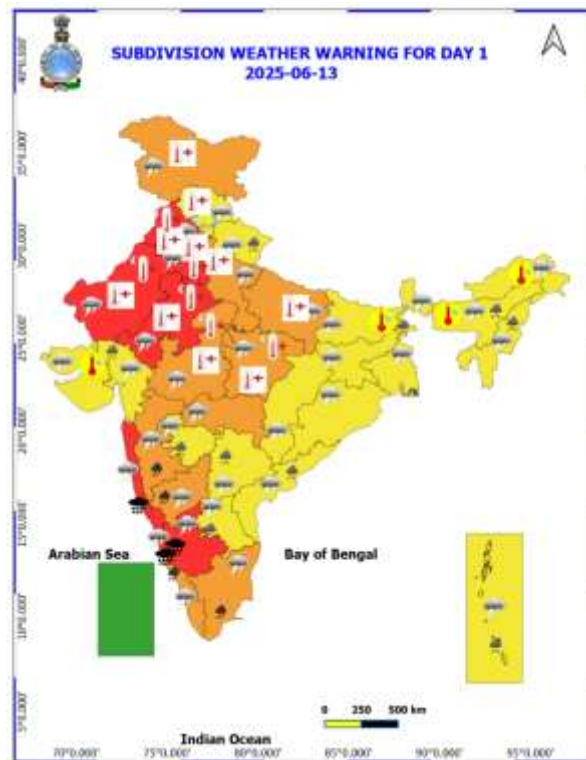
Fig.1: Maximum Temperatures

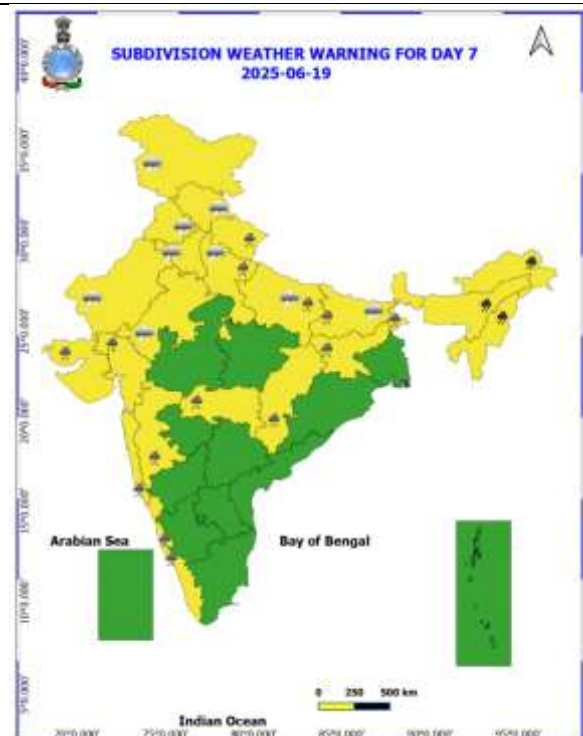
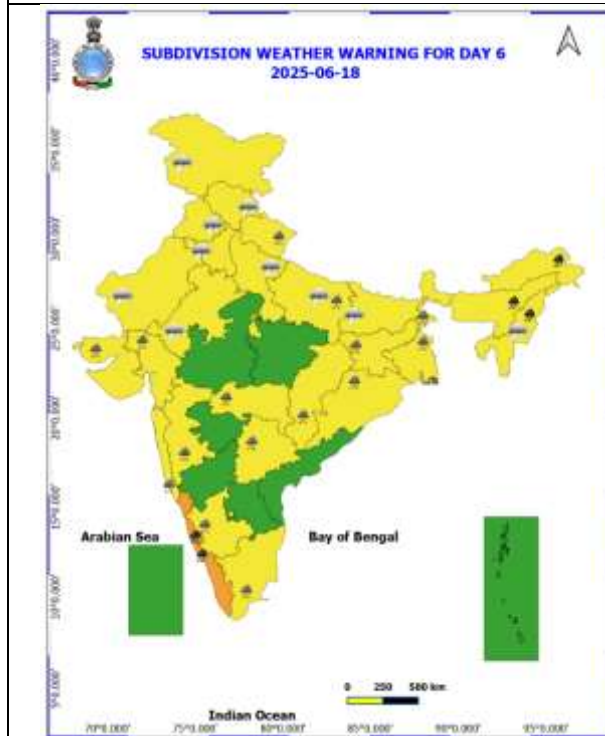
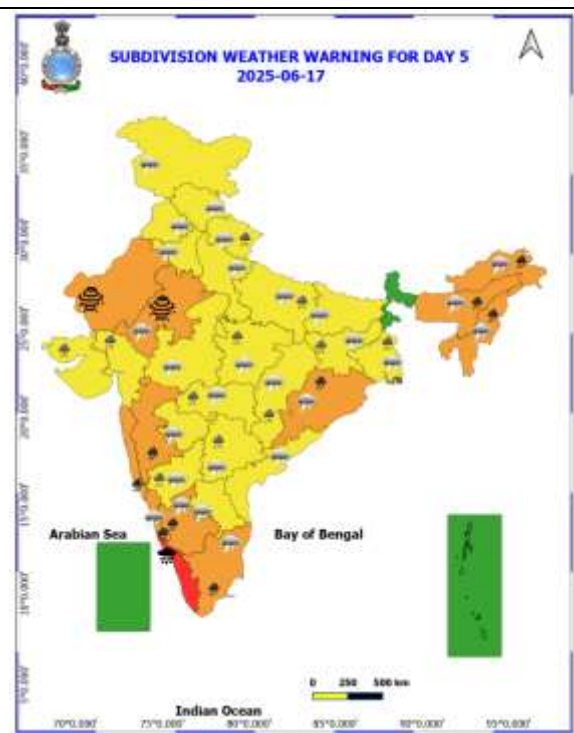
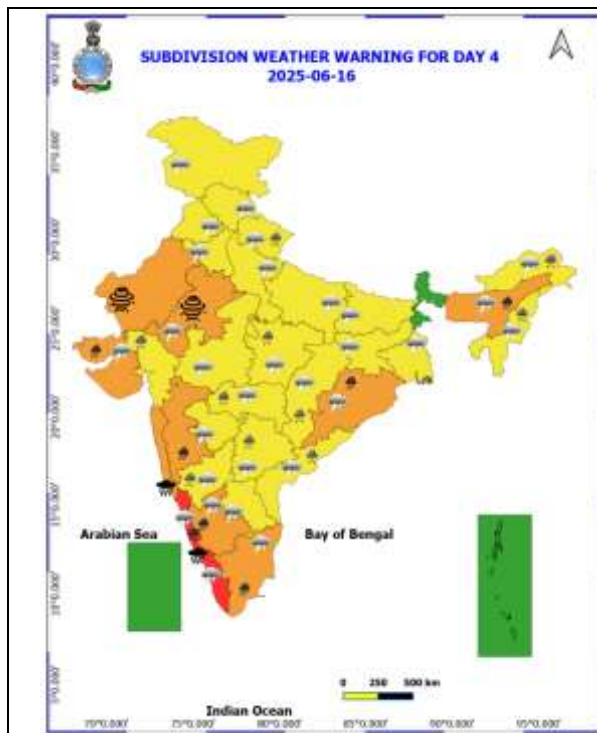
Fig.2: Departure of Maximum Temperatures



| Table-1 | | | | | | | | |
|--------------------------|--|---------|---------|---------|---------|---------|---------|---------|
| 7 Days Rainfall Forecast | | | | | | | | |
| S.No. | Subdivision | 13- Jun | 14- Jun | 15- Jun | 16- Jun | 17- Jun | 18- Jun | 19- Jun |
| | | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 |
| 1 | ANDAMAN & NICOBAR ISLANDS | WS | WS | WS | FWS | FWS | FWS | FWS |
| 2 | ARUNACHAL PRADESH | SCT | FWS | FWS | FWS | WS | WS | WS |
| 3 | ASSAM & MEHGHALAYA | SCT | SCT | SCT | FWS | WS | WS | WS |
| 4 | NAGALAND, MANIPUR, MIZORAM AND TRIPURA | SCT | FWS | FWS | FWS | WS | WS | WS |
| 5 | SUB HIMALAYAN WEST BENGAL & SIKKIM | FWS | WS | WS | FWS | FWS | WS | WS |
| 6 | GANGETIC WEST BENGAL | ISOL | SCT | FWS | FWS | WS | WS | WS |
| 7 | ODISHA | SCT | FWS | FWS | WS | WS | FWS | FWS |
| 8 | JHARKHAND | ISOL | SCT | FWS | FWS | WS | WS | WS |
| 9 | BIHAR | ISOL | ISOL | SCT | SCT | FWS | FWS | FWS |
| 10 | EAST UTTAR PRADESH | ISOL | ISOL | SCT | SCT | FWS | FWS | FWS |
| 11 | WEST UTTAR PRADESH | ISOL | ISOL | ISOL | ISOL | SCT | SCT | FWS |
| 12 | UTTARAKHAND | FWS | FWS | FWS | WS | WS | WS | WS |
| 13 | HARYANA, CHANDIGARH & DELHI | ISOL | ISOL | ISOL | ISOL | SCT | SCT | FWS |
| 14 | PUNJAB | DRY | ISOL | ISOL | ISOL | ISOL | SCT | SCT |
| 15 | HIMACHAL PRADESH | ISOL | ISOL | ISOL | SCT | SCT | SCT | SCT |
| 16 | JAMMU AND KASHMIR AND LADAKH | ISOL | ISOL | ISOL | SCT | ISOL | DRY | DRY |
| 17 | WEST RAJASTHAN | ISOL | ISOL | ISOL | ISOL | ISOL | ISOL | ISOL |
| 18 | EAST RAJASTHAN | ISOL | ISOL | ISOL | ISOL | ISOL | ISOL | SCT |
| 19 | WEST MADHYA PRADESH | ISOL | FWS | FWS | FWS | FWS | FWS | WS |
| 20 | EAST MADHYA PRADESH | ISOL | SCT | WS | WS | WS | WS | WS |
| 21 | GUJRAT REGION | FWS | FWS | FWS | WS | WS | FWS | SCT |
| 22 | SAURASHTRA & KUTCH | ISOL | SCT | FWS | WS | WS | FWS | SCT |
| 23 | KONKAN & GOA | WS | WS | WS | WS | WS | WS | WS |
| 24 | MADHYA MAHARASHTRA | FWS | FWS | FWS | SCT | SCT | SCT | SCT |
| 25 | MARATHWADA | FWS | SCT | ISOL | SCT | FWS | SCT | SCT |
| 26 | VIDARBHA | SCT | FWS | FWS | WS | WS | WS | WS |
| 27 | CHHATTISGARH | ISOL | SCT | FWS | FWS | FWS | FWS | FWS |
| 28 | COASTAL ANDHRA PRADESH | SCT | SCT | SCT | SCT | SCT | SCT | ISOL |
| 29 | TELANGANA | FWS | FWS | FWS | FWS | FWS | FWS | FWS |
| 30 | RAYALASEEMA | SCT | SCT | SCT | SCT | SCT | SCT | ISOL |
| 31 | TAMILNADU & PUDUCHERRY | SCT | SCT | SCT | SCT | SCT | ISOL | ISOL |
| 32 | COSTAL KARNATAKA | WS | WS | WS | WS | WS | WS | WS |
| 33 | NORTH INTERIOR KARNATAKA | WS | FWS | SCT | SCT | FWS | SCT | ISOL |
| 34 | SOUTH INTERIOR KARNATAKA | FWS | FWS | FWS | FWS | WS | SCT | ISOL |
| 35 | KERALA AND 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 REDCOLOUR 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 districtwise MultiHazard weather warning for next five days available at
<https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

Weather forecast over Delhi/NCR during 13th to 16th June 2025**Past Weather:**

There has been a slight rise in the minimum temperature and no significance change in the maximum temperature over Delhi/NCR during the past 24 hours. The maximum and minimum temperatures over Delhi were around 43 to 44°C and 28 to 31° respectively. The minimum temperature was above normal up to 1 - 3°C and the maximum temperature was above normal up to 3 - 4°C. Mainly clear sky conditions with predominant surface wind from the east direction with wind speeds up to 16 kmph prevailed during the past 24 hours. Mainly clear sky conditions with wind speed less than 12 kmph from the east direction prevailed over the region in the forenoon today.

Weather Forecast:

13.06.2025: Partly cloudy sky. Hot and humid weather conditions with likely at isolated heatwave conditions. Very light to light rain/thunderstorm/lighting accompanied with gusty winds 40 -50 kmph temporary reaching 60 kmph during thunderstorm with dust rising winds towards evening/night. The maximum temperatures over Delhi are likely to be in the range of 42 to 44°C. The maximum temperature will be above normal up to 2 - 4°C. The predominant surface wind will likely be from the southeast direction with a wind speed of less than 15 kmph in the afternoon. The wind speed will gradually increase becoming 15-20 kmph from the southwest direction during evening and night.

14.06.2025: Partly cloudy sky. Hot and humid weather conditions. Very light to light rain/thunderstorm/lighting accompanied with gusty winds 40 -50 kmph temporary reaching 60 kmph during thunderstorm with dust rising winds towards evening/night. The maximum and minimum temperatures over Delhi are likely to be in the range of 40 to 42°C and 28 to 30°C respectively. The minimum temperature will be above normal up to 1 - 2°C and the maximum temperature will be above normal up to 1 - 2°C. The predominant surface wind will likely be from the south direction with a wind speed of less than 10 kmph during the morning hours. The wind speed will gradually increase becoming 10-14 kmph from the northwest direction in the afternoon. It will increase becoming less than 25 kmph from the northwest direction during evening and night.

15.06.2025: Partly cloudy sky. Very light to light rain/thunderstorm/lighting accompanied with gusty winds 40 -50 kmph temporary reaching 60 kmph during thunderstorm with dust rising winds. 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 near normal and the maximum temperature will be near normal. The predominant surface wind will likely be from the northeast direction with a wind speed of less than 15 kmph during the morning hours. The wind speed will gradually increase becoming less than 18 kmph from the north direction in the afternoon. It will increase to less than 20 kmph from the northwest direction during the evening and night.

16.06.2025: Generally cloudy sky. Light to moderate rain/thunderstorm/lighting. The maximum and minimum temperatures over Delhi are likely to be in the range of 37 to 39°C and 27 to 29°C respectively. The minimum temperature will be near normal and the maximum temperature will be below normal up to 1 - 2°C. The predominant surface wind will likely be from the southeast direction with a wind speed of less than 10 kmph during the morning hours. The wind speed will gradually increase becoming less than 12 kmph from the north direction in the afternoon. It will increase to less than 15 kmph from the southeast direction during the evening and night.

Impact expected and Action Suggested due to hot and humid conditions:

- Be cautious and take precautionary measures though there is no likelihood of heat wave conditions. There is likelihood of heat related impact to vulnerable population as the temperatures are likely to be above normal.
- Moderate health concern for vulnerable people e.g. infants, elderly people with chronic diseases.
- Avoid heat exposure, wear light weight, light colored, loose, cotton clothes, cover your head, use a cloth, hat or umbrella.

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/lighting 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 heavy falls/ very heavy rainfall:

- ✓ **Extremely heavy rainfall (>20 cm/24 hours) at isolated places over Konkan & Goa during 13th-16th; Coastal Karnataka during 13th-15th; South Interior Karnataka on 13th June; Kerala & Mahe during 14th-16th; Tamil Nadu, Puducherry & Karaikal on 14th & 15th June.**
- ✓ **Very heavy rainfall** at isolated places over on Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura during 17th-19th; Assam & Meghalaya during 16th-19th; Sub-Himalayan West Bengal & Sikkim on 14th and Odisha on 16th & 17th; Konkan & Goa on 17th; Madhya Maharashtra on 13th & during 15th-17th; Saurashtra & Kutch on 15th & 16th; Tamil Nadu, Puducherry & Karaikal on 13th, 16th, 17th; Kerala & Mahe on 13th, 17th & 18th; Coastal Karnataka on 16th & 17th; South Interior Karnataka during 15th-17th; North Interior Karnataka on 13th & 14th June.

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/landslips/mudslips/landsinks/mudsinks.
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

Action Suggested

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

Impact expected and action suggested due to Severe heat wave/ Heat wave condition:

- ❖ **Heat wave condition** at many/some places over Rajasthan on 13th-15th with **severe heat wave conditions** at some parts over West Rajasthan on 13th & 14th June.
- ❖ **Heat wave condition** at many/some places over Punjab during 13th-15th with **severe heat wave conditions** at isolated/some parts on 13th June.
- ❖ **Heat wave condition** at many/some places over Haryana during 13th-15th with **severe heat wave conditions** at isolated/some parts on 13th & 14th June.
- ❖ **Heat wave condition** at isolated places over Jammu-Kashmir, Himachal Pradesh on 13th & 14th with **severe heat wave conditions** at some parts over Jammu-Kashmir on 13th June.
- ❖ **Heat wave conditions** in some/many places over Uttar Pradesh & Madhya Pradesh on 13th & 14th June.

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.

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

- ✓ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** at isolated places over West Madhya Pradesh during 13th-15th; Vidarbha on 13th & 14th; Chhattisgarh on 14th; Bihar on 15th June.
- ✓ **Dust storm/ Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** at isolated places over Rajasthan during 13th-17th June.
- ✓ **Strong surface winds** (speed reaching 50-60 kmph) over Kerala & Mahe during 14th-16th and Interior Karnataka on 13th June.

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.
- 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.

Flash Flood Guidance:

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 14-06-2025 :

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

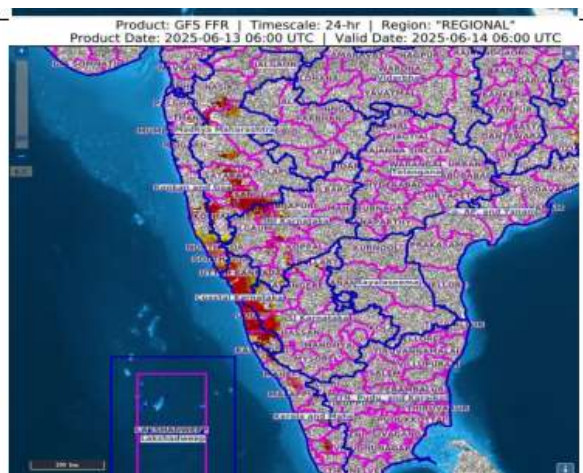
Coastal Karnataka - Dakshin Kannada, Udupi and Uttar Kannada districts.

Kerala & Mahe - Kannur, Kasargod, Kottayam and Wayanad districts.

South Interior Karnataka - Chikmagalur and Shimoga districts.

Konkan & Goa - North Goa, South 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 & 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. 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.