



Government of India  
Ministry of Earth Sciences  
India Meteorological Department



Press Release

Date: 18<sup>th</sup> May 2026

Time of Issue: 1425 hours IST

**Subject: (i) Southwest monsoon has further advanced into some more parts of southeast Arabian Sea, some parts of Comorin area, some more parts of southwest & southeast Bay of Bengal, most parts of Andaman Sea, entire Andaman & Nicobar Islands and some parts of eastcentral Bay of Bengal today, the 18th May 2026.**

**(ii) Heat wave to severe heat wave conditions likely to prevail over plains of northwest India and central India during the week.**

**(iii) Isolated heavy to very heavy rainfall also likely over northeast India and over Andaman & Nicobar Islands, Sub-Himalayan West Bengal & Sikkim during next 6-7 days; and over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, Lakshadweep and South Interior Karnataka during next 3 days.**

**Advance of Southwest Monsoon 2026 (Annexure I):**

- ❖ **Southwest monsoon** has further advanced into some more parts of southeast Arabian Sea, some parts of Comorin area, some more parts of southwest and southeast Bay of Bengal, most parts of Andaman Sea, entire Andaman & Nicobar Islands and some parts of eastcentral Bay of Bengal today, the 18th May 2026.
- ❖ **The Northern Limit of Monsoon** now passes through 6°N/70°E, 6°N/75°E, 7°N/80°E, 9°N/85°E, 12°N/90°E, 14°N/93°E, 16°N/96°E and 17.5°N/98°E.
- ❖ Conditions are favourable for further advance of southwest monsoon into some more parts of southeast Arabian Sea, Comorin Area, southwest and southeast Bay of Bengal, remaining parts of Andaman Sea, and some more parts of eastcentral Bay of Bengal during next 3-4 days.
- ❖ The **Southwest Monsoon** is likely to set in over Kerala on 26<sup>th</sup> May with a model error of  $\pm 4$  days.

**Realised weather during past 24 hours ending at 0830 hours IST of today, the 18<sup>th</sup> May, 2026:**

- ❖ **Heavy to very heavy rainfall (11-20 cm)** has been recorded at isolated places over Meghalaya, Sub-Himalayan West Bengal & Sikkim.
- ❖ **Heavy rainfall (7-11 cm)** has been recorded at isolated places over Arunachal Pradesh, Tripura, Konkan, Tamil Nadu, North Interior Karnataka, Kerala.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 90-140 kmph** prevailed at isolated places over Sub-Himalayan West Bengal, Nagaland, Manipur, Mizoram & Tripura and Karnataka **with speed 50-80 kmph** over Andaman Islands, Odisha, Assam & Meghalaya, West Uttar Pradesh, Madhya Maharashtra, Gujarat Region and **with speed reaching 30-50 kmph** prevailed at isolated places over East Uttar Pradesh, Haryana, Punjab, Kutch, West Madhya Pradesh, Marathwada, Tamil Nadu, Puducherry & Karaikal, Bihar, Uttarakhand, East Madhya Pradesh, Konkan & Goa, Jammu-Kashmir-Ladakh, Chhattisgarh, Vidarbha.
- ❖ **Heat wave condition** realised over few pockets over Vidarbha and isolated places over West Madhya Pradesh.

**Temperature Conditions during past 24 hours till 0830 hours IST of today:**

- ❖ **Day Temperatures/Maximum Temperatures** (as on 17-05-2026): Yesterday, Maximum temperatures were in the range of 40-45°C at most parts of Central India & adjoining north Peninsular India, at many parts of Gujrat states, Rajasthan & adjoining Haryana; 32-40°C over rest parts of country except parts of Jammu-Kashmir, Himachal Pradesh, Northeast India, South Kerala and Tamil Nadu. **The highest maximum temperature of 46.4°C was reported at Banda (Uttar Pradesh).**
- ❖ **Day Temperatures/Maximum Temperature Departures** (as on 17-05-2026) were **markedly above normal (5.1 to 6°C)** at few places over West Madhya Pradesh, East Madhya Pradesh and Gujarat Region; at isolated places over Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, Jammu-Kashmir Ladakh-Gilgit-Baltistan-Muzaffarabad and East Rajasthan; **appreciably above normal (3.1°C to 5.0°C)** at few places over Saurashtra & Kutch, Madhya Maharashtra and Vidarbha; at isolated places over Gangetic West Bengal, Uttarakhand and Marathwada; **above normal (1.6°C to 3.0°C)** at many places over West Rajasthan; at few places over Haryana Chandigarh-Delhi, Punjab, Konkan & Goa and North Interior Karnataka; at isolated places over Assam & Meghalaya, Odisha, Coastal Andhra Pradesh & Yanam, Telangana and Kerala & Mahe and **near normal(-1.5°C to 1.5°C)** over rest parts of the Country.

- ❖ **Night Temperatures/Minimum temperatures (as on 18-05-2026)** were **markedly above normal (> 5.1°C)** at few places over Rajasthan, **appreciably above normal (3.1°C to 5.0°C)** at isolated places over Rajasthan, Madhya Maharashtra, Marathwada, Vidarbha, Jammu-Kashmir-Ladakh and Uttar Pradesh; **above normal (1.6°C to 3.0°C)** at isolated places over Odisha, Madhya Maharashtra, Marathawada, Konkan & Goa, Gangetic West Bengal, Uttar Pradesh, Himachal Pradesh, Jammu-Kashmir-Ladakh, Rajasthan, Gujarat Region, Madhya Pradesh, Karnataka, Coastal Andhra Pradesh & Yanam, Telangana and **below normal or near normal** over rest parts of the country.

#### **Weather Systems, Forecast and Warnings (Annexure II & III):**

- ❖ The **Western Disturbance** as a cyclonic circulation over north Iran & neighbourhood in middle tropospheric levels persists.
- ❖ An **upper air cyclonic circulation** lies over northeast Uttar Pradesh & adjoining Bihar in lower tropospheric levels
- ❖ An **upper air cyclonic circulation** lies over Sub-Himalayan West Bengal & neighbourhood in lower tropospheric levels.
- ❖ A **trough** runs from the West Madhya Pradesh to Lakshadweep area in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over south Coastal Andhra Pradesh & neighbourhood in lower and middle tropospheric levels.
- ❖ A **trough** runs from southeast Arabian Sea adjoining south Lakshadweep area to the above cyclonic circulation over south Coastal Andhra Pradesh in lower and middle tropospheric levels.

#### **Under the influence of above systems, the following weather is likely:**

##### **Northeast India:**

- ❖ **Scattered to Fairly widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Nagaland, Manipur, Mizoram & Tripura on 18<sup>th</sup> with **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph)** over Assam & Meghalaya on 18<sup>th</sup> with **thunderstorm, lightning** on Arunachal Pradesh on 18<sup>th</sup>, 19<sup>th</sup> and during 22<sup>nd</sup> – 24<sup>th</sup>; Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during 19<sup>th</sup>- 22<sup>nd</sup> May.
- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh on 18<sup>th</sup>, 22<sup>nd</sup>; Assam & Meghalaya on 18<sup>th</sup>, 21<sup>st</sup> & 22<sup>nd</sup>; Nagaland, Manipur & Mizoram on 18<sup>th</sup> & 19<sup>th</sup> and during 22<sup>nd</sup> – 24<sup>th</sup> with **isolated very heavy rainfall** over Arunachal Pradesh, Assam & Meghalaya on 23<sup>rd</sup> & 24<sup>th</sup> and Tripura on 18<sup>th</sup> May.

##### **South Peninsular India:**

- ❖ **Scattered to Fairly widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 50-60 kmph)** likely over Coastal Andhra Pradesh & Yanam & Rayalaseema during 20<sup>th</sup> – 22<sup>nd</sup>; Interior Karnataka on 18<sup>th</sup> with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Kerala & Mahe, Lakshadweep, during 18<sup>th</sup> – 22<sup>nd</sup>; Coastal Karnataka on 18<sup>th</sup> & 19<sup>th</sup>; Interior Karnataka; Coastal Andhra Pradesh & Yanam; Rayalaseema on 19<sup>th</sup>; Telangana during 18<sup>th</sup> – 20<sup>th</sup> May; with **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph)** likely over Coastal Karnataka; North Interior Karnataka during 20<sup>th</sup> – 22<sup>nd</sup>; Coastal Andhra Pradesh & Yanam, Rayalaseema on 18<sup>th</sup>
- ❖ **Isolated Heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka and South Interior Karnataka 18<sup>th</sup> & 19<sup>th</sup>, Kerala & Mahe on 19<sup>th</sup>, Lakshadweep on 18<sup>th</sup>, 19<sup>th</sup>, 23<sup>rd</sup> & 24<sup>th</sup>; Coastal Karnataka, North Interior Karnataka on 18<sup>th</sup>; **with isolated very heavy rainfall over Kerala & Mahe** on 18<sup>th</sup> May.
- ❖ **Hailstorm activity likely** at isolated places over Interior Karnataka, Coastal Karnataka on 18<sup>th</sup> May.

##### **East India:**

- ❖ **Scattered to Fairly widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Andaman & Nicobar Islands during 19<sup>th</sup> – 24<sup>th</sup>; Sub-Himalayan West Bengal & Sikkim on 18<sup>th</sup> and during 20<sup>th</sup> – 23<sup>rd</sup>; Gangetic West Bengal on 18<sup>th</sup>, 21<sup>st</sup> & 22<sup>nd</sup>; Bihar on 18<sup>th</sup> and during 22<sup>nd</sup> – 24<sup>th</sup>; Odisha on 18<sup>th</sup> & 19<sup>th</sup> and during 22<sup>nd</sup> – 24<sup>th</sup>; with **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph)** likely over Sub-Himalayan West Bengal & Sikkim on 19<sup>th</sup> & 24<sup>th</sup> May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Andaman & Nicobar Islands on 18<sup>th</sup>; Gangetic West Bengal on 19<sup>th</sup> & 20<sup>th</sup>, Bihar during 19<sup>th</sup> – 21<sup>st</sup>, Jharkhand on 18<sup>th</sup> & 20<sup>th</sup>, Odisha on 20<sup>th</sup> & 21<sup>st</sup> May

- ❖ **Isolated heavy rainfall** likely over Andaman & Nicobar Islands during the week; Sub-Himalayan West Bengal & Sikkim on 21<sup>st</sup>-24<sup>th</sup> May **with isolated very heavy rainfall over Sub-Himalayan West Bengal & Sikkim on 22<sup>nd</sup> May.**

#### Northwest India:

- ❖ **Scattered to Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Jammu-Kashmir during 19<sup>th</sup> – 22<sup>nd</sup>; Uttarakhand during 20<sup>th</sup> -22<sup>nd</sup> May; with **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph)** likely over Himachal Pradesh on 21<sup>st</sup> & 22<sup>nd</sup> May.
- ❖ Strong surface winds (**speed reaching 20-30 kmph gusting to 40 kmph**) over Punjab, Haryana Chandigarh & Delhi, Uttar Pradesh during 18<sup>th</sup> – 24<sup>th</sup> May.

#### Central India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Madhya Pradesh & Vidarbha, Chhattisgarh on 18<sup>th</sup> May.

#### West India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Madhya Maharashtra, Konkan & Goa during 18<sup>th</sup> – 20<sup>th</sup>; Marathawada on 18<sup>th</sup> May.

#### Forecast of maximum/day temperatures:

- ❖ Gradual rise in maximum temperatures by 2-3°C likely over many parts of Northwest India during 18<sup>nd</sup> -24<sup>th</sup> May.
- ❖ No significant change in maximum temperatures likely over Maharashtra and Gujarat State till 18<sup>th</sup> and gradual fall by 2-3°C during 19<sup>th</sup> -24<sup>th</sup> May.
- ❖ Gradual rise in maximum temperatures by 3-4°C likely over parts of Chhattisgarh till 21<sup>st</sup> May and no significant change during 21<sup>st</sup> – 24<sup>th</sup> May.
- ❖ No significant change in maximum temperatures likely over rest parts of the country till 24<sup>th</sup> May 2026.

#### Heat Wave, Hot & Humid weather conditions warning:

- ❖ **Heat wave conditions** in isolated pockets likely to prevail over Rajasthan, Punjab, Haryana, Chandigarh & Delhi during 18<sup>th</sup> -24<sup>th</sup> Jammu-Kashmir-Ladakh, Madhya Maharashtra on 18<sup>th</sup>; Madhya Pradesh during 18<sup>th</sup> -24<sup>th</sup>; Vidarbha during 18<sup>th</sup> – 23<sup>rd</sup>; Chhattisgarh; Coastal Andhra Pradesh & Yanam during 20<sup>th</sup> – 24<sup>th</sup>; Bihar on 18<sup>th</sup> & 19<sup>th</sup>; Marathawada on 18<sup>th</sup> & 19<sup>th</sup>; Telangana during 19<sup>th</sup> – 21<sup>st</sup> May.
- ❖ **Heat wave conditions** over a few pockets likely to prevail over West Uttar Pradesh on 18<sup>th</sup> with **Heat wave to severe heat wave conditions** over few pockets over West Uttar Pradesh during 19<sup>th</sup> – 24<sup>th</sup> May;
- ❖ **Heat wave conditions** over a few pockets likely to prevail over East Uttar Pradesh on 18<sup>th</sup> with **Heat wave to severe heat wave conditions** over few pockets over East Uttar Pradesh during 19<sup>th</sup> & 20<sup>th</sup> over isolated pockets during 21<sup>st</sup> 24<sup>th</sup> May;
- ❖ **Warm Night conditions** in isolated pockets likely to prevail over west Uttar Pradesh and Vidarbha on 18<sup>th</sup> & 19<sup>th</sup> May; West Rajasthan during 18<sup>th</sup>-21<sup>st</sup> May; East Rajasthan during 18<sup>th</sup>-20<sup>th</sup> May.
- ❖ **Hot and humid conditions** in isolated pockets likely to prevail over Odisha during 18<sup>th</sup> – 22<sup>nd</sup>; Gujarat Region on 18<sup>th</sup>; Coastal Andhra Pradesh & Yanam on 19<sup>th</sup> May.

#### Fisherman Warning:

Fishermen are advised not to venture into the following areas

#### Bay of Bengal:

Over Gulf of Mannar, adjoining Comorin area, along and off Sri Lanka coast, adjoining parts of southwest Bay of Bengal, most parts of southeast adjoining eastcentral Bay of Bengal on 18<sup>th</sup> May; over Gulf of Mannar, adjoining Comorin area, many parts of southwest and most parts of southeast Bay of Bengal on 19<sup>th</sup> May; over Gulf of Mannar, adjoining Comorin area, many parts of southwest and most parts of southeast Bay of Bengal on 20<sup>th</sup> May; over Comorin area, adjoining Maldives area, adjoining Gulf of Mannar, some parts of southwest and most parts of southeast Bay of Bengal, adjoining parts of eastcentral Bay of Bengal on 21<sup>st</sup> & 22<sup>nd</sup> May.  
Over Andaman Sea during 18<sup>th</sup> to 23<sup>rd</sup> May.

#### Arabian Sea:

Along and off Keralam, Karnataka coasts, over Lakshadweep area, adjoining Comorin area on 18<sup>th</sup> & 19<sup>th</sup> May.  
Along and off Somalia coast, adjoining parts of southwest Arabian Sea during 18<sup>th</sup> to 23<sup>rd</sup> May.

**Weather conditions and forecast over Delhi/NCR during 18<sup>th</sup> -20<sup>th</sup> May, 2026 (Annexure IV)**

For more details, kindly refer National Weather Bulletin:

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

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

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

**Significant rainfall recorded (in cm) (from 0830 hours IST of yesterday to 0830 hours IST of today):**

- ❖ **Sub-Himalayan West Bengal & Sikkim:** Jhallong (20)
- ❖ **Assam & Meghalaya:** Resubelpara Aws (12)
- ❖ **TN & Puducherry:** Thangammappatty (11)
- ❖ **Kerala:** Kozhikode 10, Kannur, Cherthala (Alappuzha district), Quilandi (Kozhikode district) & Aralam AWS (Kannur district) 9 each, Perumbavur (Ernakulam district) & Angadipuram (Malappuram district) 8 each, Aluva (Ernakulam district) & Thalassery (Kannur district) 7 each.
- ❖ **Nagaland, Manipur, Mizoram & Tripura:** Lembucherra (West) (8)
- ❖ **Konkan & Goa:** Quepem (8)
- ❖ **North Interior Karnataka:** Gadag Pbo Obsy (dist Gadag) 8
- ❖ **Arunachal Pradesh:** Seppa (7)

**Gusty winds (in kmph) (from 0830 hours IST of yesterday to 0830 hours IST of today):**

- ❖ **Sub-Himalayan West Bengal:** Pundibari 139, Coochbehar 47
- ❖ **Nagaland, Manipur, Mizoram & Tripura:** KarbookGomati 135, GhilataliKhowai 94, NalkataDhalai 91
- ❖ **Karnataka:** Gadag 94, Shivamogga 67
- ❖ **Andaman Islands:** Sri Vijayapuram 80
- ❖ **Odisha:** Mayurbhanj 68
- ❖ **Assam & Meghalaya:** Dhubri 59
- ❖ **West Uttar Pradesh:** Gb Nagar 57, Sarsawalaf 43, Shambli 41, Hindonlaf41, Bulandshahar 37, Bareillylaf37
- ❖ **Madhya Maharashtra:** Jalgaon 50, Baramati Pune 43, Kalwan Nashik 41
- ❖ **Gujarat Region:** Arnej Ahmedabad 50
- ❖ **East Uttar Pradesh:** Lucknow 46, Varanasi 39, Ayodhya 39 Each, Raebareli 37 & Amethi 37, Hardoi 33
- ❖ **Haryana:** Karnal 46, Hisar 44, Jind 43
- ❖ **Punjab:** Faridkot 44, Sangrur 43
- ❖ **Kutch:** Kutch 44
- ❖ **West Madhya Pradesh:** Neemuch 43
- ❖ **Marathwada:** Dharashiv 43, Ambejogai Beed 41,
- ❖ **Tamil Nadu:** Vedesandur Dindigul 43, Thiruchendur Thoothukudi 48, Erode 41
- ❖ **Bihar:** Arwal 41
- ❖ **Uttarakhand:** Jollygrant 39
- ❖ **East Madhya Pradesh:** Sidhi 39, Shadol 31
- ❖ **Konkan (Coastal Maharashtra):** Devgad Sindhudurg 39, Karjat Raigad 37
- ❖ **Jammu-Kashmir-Ladakh:** Chatth37
- ❖ **Chattisgarh:** Dhamtari 31, Balrampur 31
- ❖ **Vidarbha:** Buldhana 30

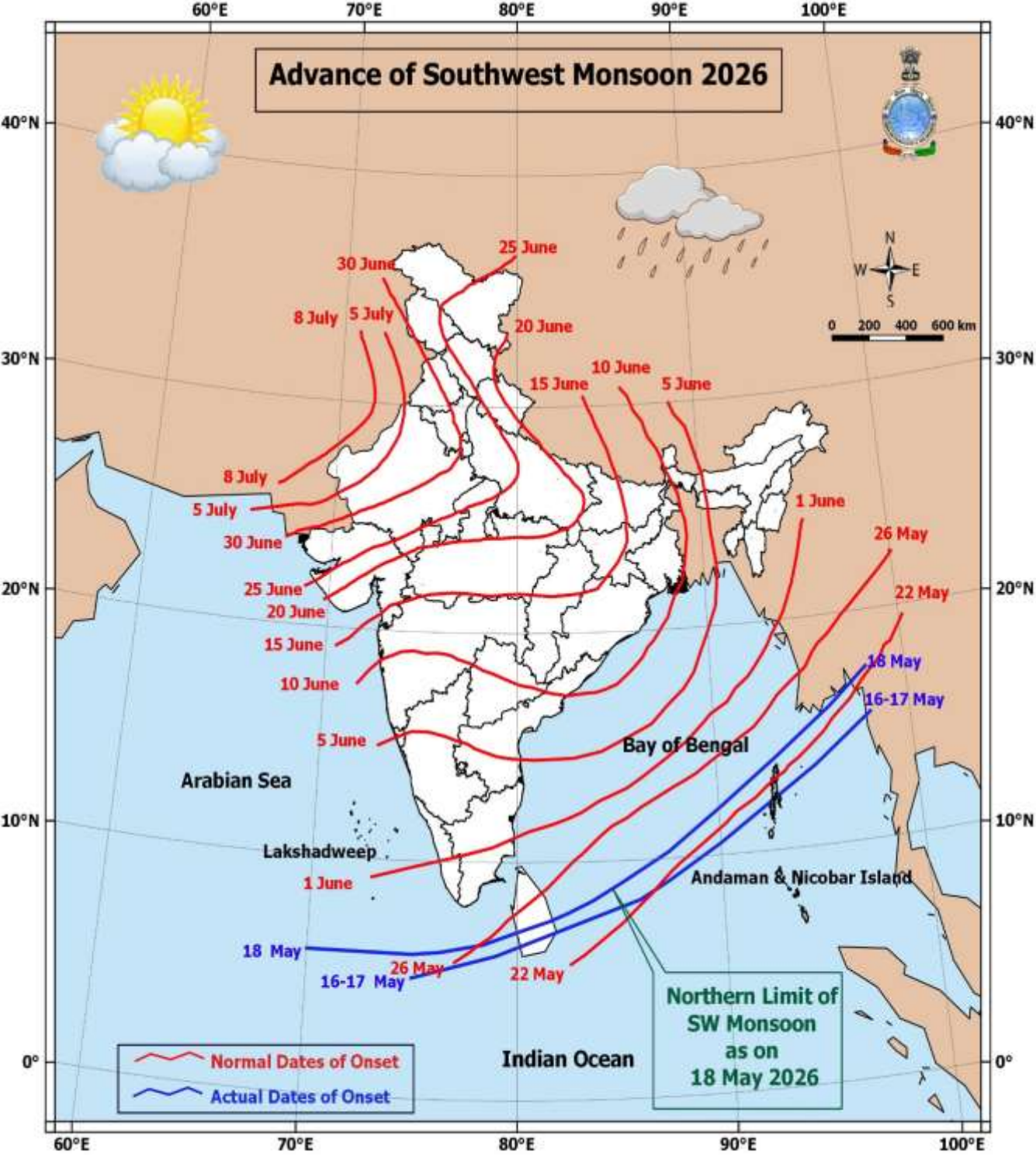
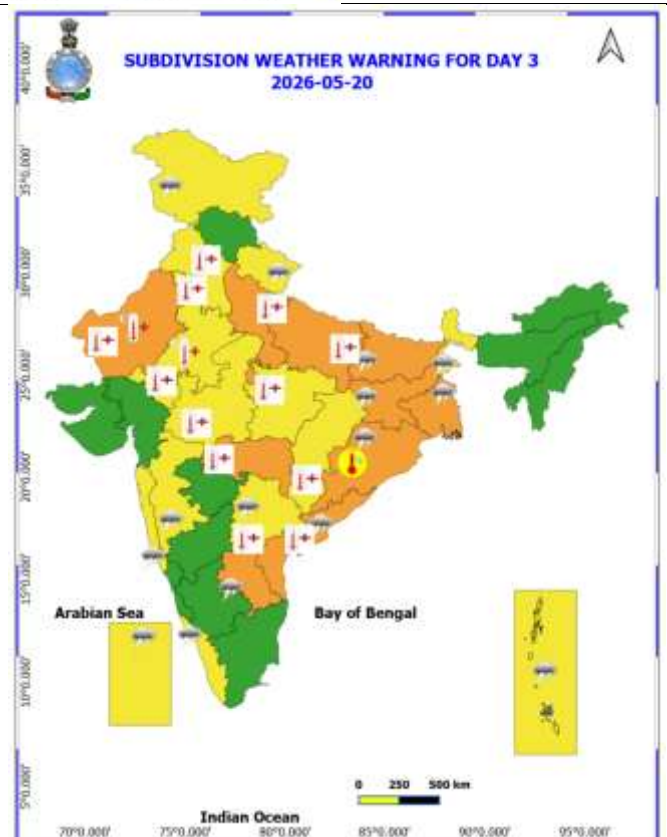
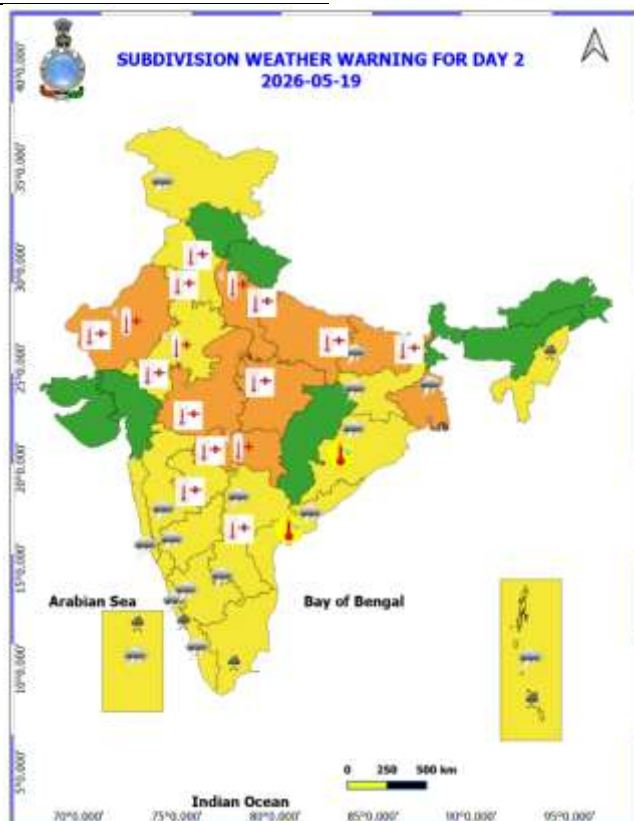
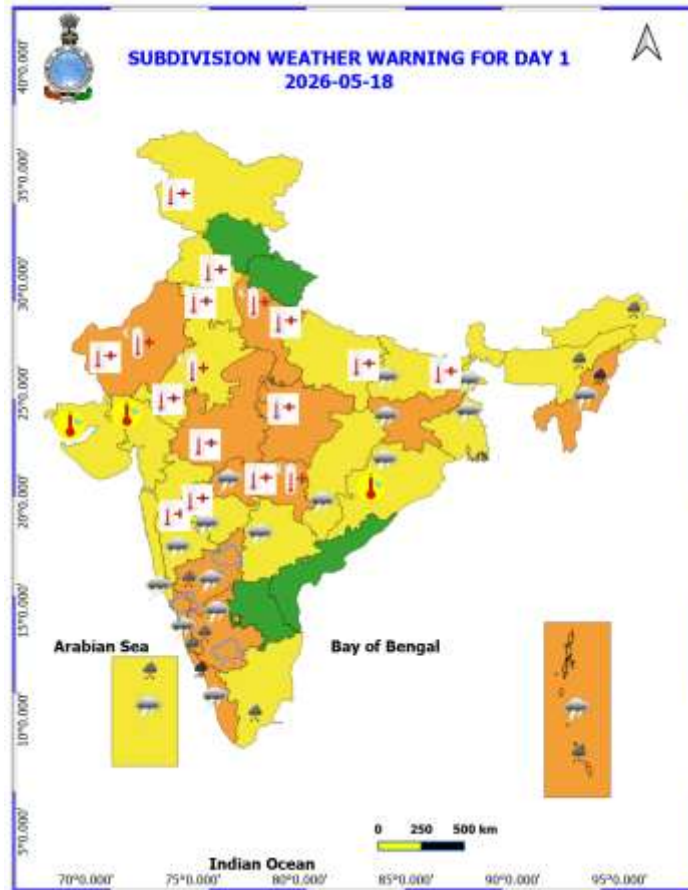
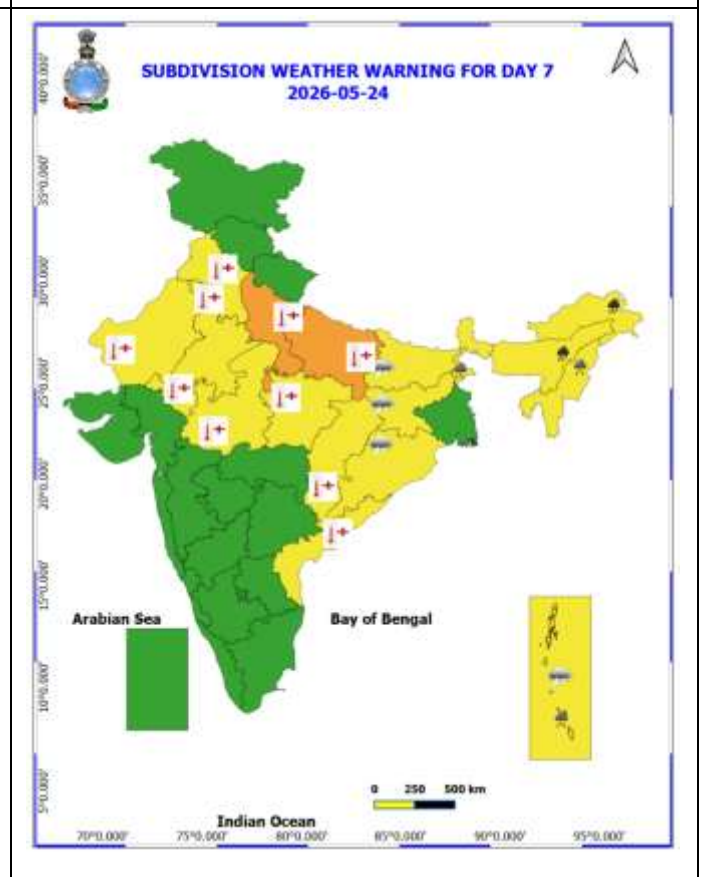
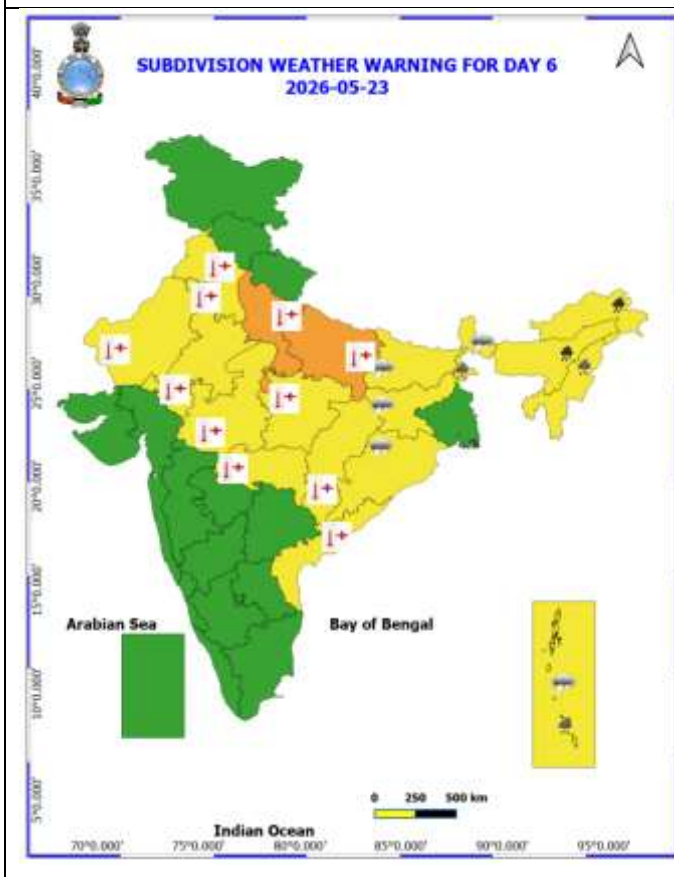
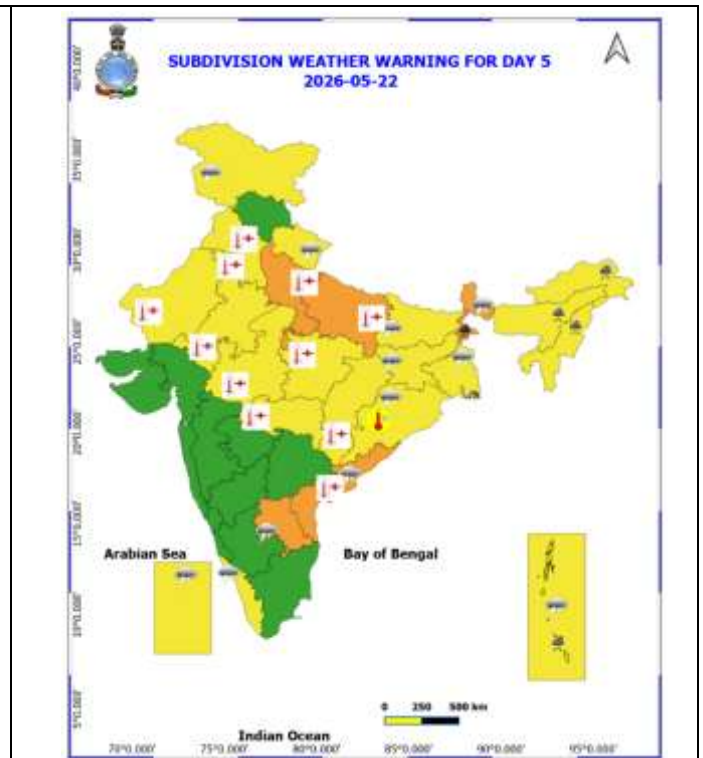
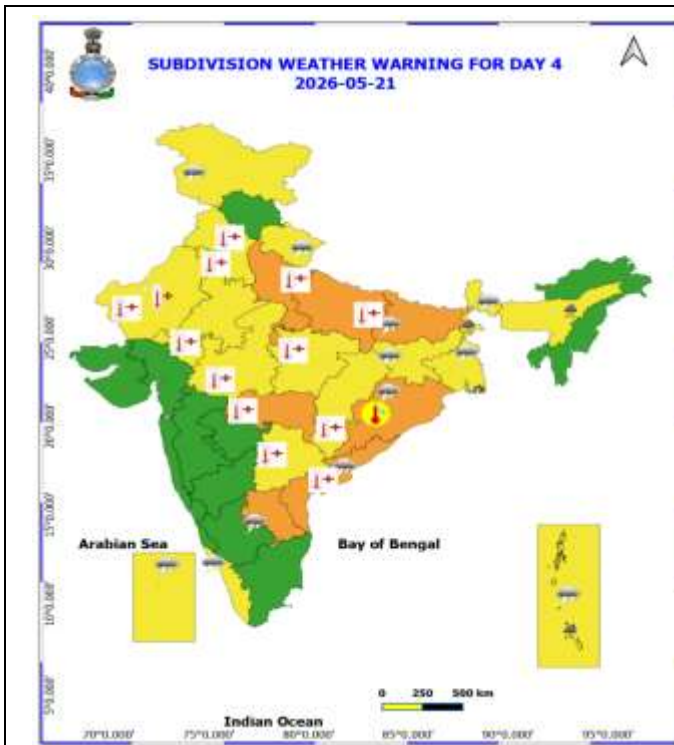


Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	18- May	19- May	20- May	21- May	22- May	23- May	24- May
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	WS	WS	WS	WS	WS
2	ARUNACHAL PRADESH	FWS	SCT	SCT	SCT	FWS	WS	WS
3	ASSAM & MEHGHALAYA	FWS	SCT	SCT	SCT	FWS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

- As the lead period increases forecast accuracy decrease.





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

## Weather forecast over Delhi/NCR during 18<sup>th</sup> May to 21<sup>st</sup> May 2026

### Past Weather:

There has been a rise in maximum temperatures by 1°C and no large change in minimum temperature during the past 24 hours over Delhi. The maximum temperatures were in the range of 42-43°C, and the minimum temperatures were in the range of 25-27°C, respectively, during the past 24 hours over Delhi. The minimum temperatures are normal (-1.5°C to 1.5°C) at most places over Delhi. The maximum temperatures were above normal (1.6°C to 3.0°C) at isolated places and normal (-1.5°C to 1.5°C) at the remaining parts over Delhi. Mainly clear sky with surface wind speeds up to 20-30 kmph gusting to 45 kmph from the west-northwest direction over Delhi during the past 24 hours. Mainly clear sky with surface wind speeds up to 20 kmph are likely to prevail from the west-southwest direction over the region in the forenoon today.

### Weather Forecast:

**18.05.2026:** Mainly clear sky. sustained strong surface wind speeds reaching 20-30 kmph, occasionally gusting to 40 kmph during the day. The maximum temperatures over Delhi are likely to be in the range of 43°C to 45°C. The maximum temperatures will be appreciably above normal (3.1°C to 5.0°C) at most places over Delhi. The predominant surface wind is likely to be from the west direction with surface wind speed reaching up to 25 kmph during the afternoon hours. The wind speed will decrease up to 25 kmph from the west direction during the evening and night.

**19.05.2026** Mainly clear sky. Heat wave conditions at isolated places. Sustained strong surface wind speeds reaching 15-25 kmph, occasionally gusting to 35 kmph, during the day. The maximum and minimum temperatures over Delhi are likely to be in the range of 43°C to 45°C and 27°C to 29°C, respectively. The minimum temperature will be above normal (1.5°C to 3.0°C) at most places, and maximum temperatures will be appreciably above normal (3.1°C to 5.0°C) at most places over Delhi. The predominant surface wind is likely to be from the west direction with surface wind speed reaching up to 20 kmph during the morning hours. The wind speed will remain the same up to 20 kmph from the west direction during the afternoon. The wind speed will remain the same up to 20 kmph from the west direction during the evening and night.

**20.05.2026:** Mainly clear sky. Heat wave conditions at isolated places. The maximum and minimum temperatures over Delhi are likely to be in the range of 43°C to 45°C and 26°C to 28°C, respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at most places, and maximum temperatures will be appreciably above normal (3.1°C to 5.0°C) at most places over Delhi. The predominant surface wind is likely to be from the southwest direction with wind reaching up to 15 kmph during the morning hours. The surface wind speed will be up to 10 kmph from the southwest direction during the afternoon. The wind speed will remain the same up to 15 kmph from the west direction during the evening and night.

**21.05.2026:** Mainly clear sky. Heat wave conditions at isolated places. Sustained strong surface wind speeds reaching 20-30 kmph occasionally gusting to 40 kmph during the day. The maximum and minimum temperatures over Delhi are likely to be in the range of 42°C to 44°C and 26°C to 28°C, respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at most places, and maximum temperatures will be above normal (1.5°C to 3.0°C) at most places over Delhi. The predominant surface wind is likely to be from the west direction with wind reaching up to 20 kmph during the morning hours. The surface wind speed will be up to 15 kmph from the west direction during the afternoon. The surface wind speed will increase up to 20 kmph from the west direction during the evening and night.

### Impact Expected and Action Suggested due to above normal Day Temperatures over Delhi

- Moderate temperature, heat is tolerable for the public but a moderate health concern for vulnerable people, e.g., infants, elderly people with chronic diseases.
- Avoid heat exposure, wear lightweight, light coloured, loose cotton clothes, cover your head, use a cloth, hat, or umbrella.
- Drink sufficient water and as often as possible, even if not thirsty.
- Keep fire extinguishers at home and in your vehicles.

## **Impact expected and action suggested due to isolated thunderstorm with lightning/squally winds & Hailstorm over**

❖ **Hailstorm activity likely** at isolated places over Interior Karnataka, Coastal Karnataka on 18<sup>th</sup> 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 & Action Suggested due to heavy/very heavy rainfall over**

❖ **Isolated heavy rainfall** likely over Arunachal Pradesh on 18<sup>th</sup>, 22<sup>nd</sup>; Assam & Meghalaya on 18<sup>th</sup> 21<sup>st</sup> & 22<sup>nd</sup> Nagaland, Manipur & Mizoram on 18<sup>th</sup> & 19<sup>th</sup> and during 22<sup>nd</sup> – 24<sup>th</sup> ; Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka, South Interior Karnataka 18<sup>th</sup> & 19<sup>th</sup>, Kerala & Mahe on 19<sup>th</sup>, Lakshadweep on 18<sup>th</sup>, 19<sup>th</sup>, 23<sup>rd</sup> & 24<sup>th</sup>; Coastal Karnataka, North Interior Karnataka on 18<sup>th</sup>; Andaman & Nicobar Islands during the week; Sub-Himalayan West Bengal & Sikkim on 21<sup>st</sup>, 23<sup>rd</sup> & 24<sup>th</sup> May with **isolated very heavy rainfall** over Arunachal Pradesh, Assam & Meghalaya on 23<sup>rd</sup> & 24<sup>th</sup>, Tripura on 18<sup>th</sup> , Kerala & Mahe on 18<sup>th</sup> , Sub-Himalayan West Bengal & Sikkim on 22<sup>nd</sup> May.

### **Impact Expected**

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

### **Action Suggested**

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

### Impact expected and action suggested due to Heat wave/ severe heat wave conditions:

- ❖ **Heat wave conditions** in isolated pockets likely to prevail over Rajasthan, Punjab, Haryana, Chandigarh & Delhi during 18<sup>th</sup> -24<sup>th</sup> Jammu-Kashmir-Ladakh, Madhya Maharashtra on 18<sup>th</sup>; Madhya Pradesh during 18<sup>th</sup> -24<sup>th</sup>; Vidarbha during 18<sup>th</sup> – 23<sup>rd</sup>; Chhattisgarh; Coastal Andhra Pradesh & Yanam during 20<sup>th</sup> – 24<sup>th</sup>; Bihar on 18<sup>th</sup> & 19<sup>th</sup>; Marathwada on 18<sup>th</sup> & 19<sup>th</sup>; Telangana during 19<sup>th</sup> – 21<sup>st</sup> May.
- ❖ **Heat wave conditions** over a few pockets likely to prevail over West Uttar Pradesh on 18<sup>th</sup> with **Heat wave to severe heat wave conditions** over few pockets over West Uttar Pradesh during 19<sup>th</sup> – 24<sup>th</sup> May;
- ❖ **Heat wave conditions** over a few pockets likely to prevail over East Uttar Pradesh on 18<sup>th</sup> with **Heat wave to severe heat wave conditions** over few pockets over East Uttar Pradesh during 19<sup>th</sup> & 20<sup>th</sup> over isolated pockets during 21<sup>st</sup> 24<sup>th</sup> May;
- ❖ **Warm Night conditions** in isolated pockets likely to prevail over west Uttar Pradesh and Vidarbha on 18<sup>th</sup> & 19<sup>th</sup> May; West Rajasthan during 18<sup>th</sup>-21<sup>st</sup> May; East Rajasthan during 18<sup>th</sup>-20<sup>th</sup> May.

### 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.

### Agromet advisories for likely impact of Hailstorms

- In **Karnataka**, use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage.
- Ensure effective field drainage to prevent waterlogging. Undertake picking of matured fruits at the earliest. Keep the harvested produce in safe places.

### Agromet advisories for likely impact of Heavy Rainfall

- In **Arunachal Pradesh**, ensure proper drainage in the fields of rice, maize, other standing crops, vegetables, and orchards. Keep the harvested cabbage, pea, mustard, late-maturing paddy & potatoes produce to safe places.
- In **Assam**, drain out excess rainwater to avoid water stagnation in the crop fields. Prioritise immediate harvesting of the mature crops and move the produce to a dry, covered warehouse during clear weather conditions. Provide mechanical support for tall crops (like banana or sugarcane) and young saplings by using bamboo sticks or poles.
- In **Meghalaya**, drain out excess rainwater from maize, ginger, vegetables and orchards. Provide staking/bamboo support to tomato plants to prevent lodging.
- In **Tripura**, postpone the harvesting of mature *boro* rice and shift the already harvested produce to a safe and dry place for storage.
- In **Andaman & Nicobar Islands**, ensure proper drainage in coconut gardens and avoid water stagnation around basins.
- In **Keralam**, provide adequate drainage for banana, coconut, and other vegetables. Provide support to banana plants
- In **Tamil Nadu**, maintain proper drainage to prevent water stagnation in black gram, green gram, sugarcane, and vegetable plantations.
- In **Karnataka**, ensure proper drainage in paddy fields, arecanut and mango orchards.
- In **Lakshadweep**, postpone irrigation, intercultural operations and application of plant protection measures & fertilizers to the standing crops. Provide adequate drainage in standing-crop fields to prevent waterlogging.

### Agromet advisories for likely impact of High temperatures/ Heat Waves

- In **Punjab**, apply light and frequent irrigation to vegetable, moong fruit plants orchards and onion nurseries.
- In **Haryana**, maintain adequate irrigation in standing sugarcane, cotton and summer fodder crops. Complete paddy nursery preparation with assured irrigation facilities and adopt mulching/moisture conservation practices to reduce water stress in newly sown crops
- In **Rajasthan**, apply need-based irrigation to green gram and summer cucurbit crops such as bottle gourd, pumpkin, ridge gourd, cucumber, bitter melon, and summer ladyfinger, as well as to young fruit plants such as mango, amla, pomegranate, wood apple, and plum. Undertake soil mulching/mulching with straw/polythene to reduce water loss by evaporation.
- In **Madhya Pradesh**, apply light irrigation to maize, *moong*, *urd*, groundnut, and vegetable crops as required.
- In **Madhya Maharashtra, Marathwada and Vidarbha**, provide light and frequent irrigation to vegetables and orchards during morning or evening hours, with increased frequency during critical growth stages. Irrigate sugarcane, summer groundnut, vegetables, and orchards as required; use organic or straw mulch in vegetables and orchards; cover banana bunches with leaves; and use shade nets in newly planted banana plantations.
- In **Uttar Pradesh**, provide frequent irrigation and mulching for standing crops such as maize, green gram, black gram, sugarcane, sunflower, vegetables, and fruit plants such as mango, banana, and papaya.
- **Bihar** - Apply light and frequent irrigation to the standing crops. Carry out mulching with crop residue, straw or polythene to minimize the loss of soil moisture. Use temporary shade nets to protect the fruit plants from high temperatures.
- **Jammu & Kashmir** - apply light and frequent irrigation to the standing crops, use temporary shade nets to protect the fruit plants from high temperatures.
- Apply mulching to conserve soil moisture in the standing crops.

#### **Agromet advisories for likely impact of Thunderstorm / Gusty Winds**

- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

#### **Livestock / Poultry / Fisheries**

- Keep the animals inside the shed during hailstorms/ heavy rainfall and provide them with balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.
- In regions with high temperatures and heat waves, provide clean, hygienic, and ample drinking water for animals, and cover the roofs of poultry sheds with grass to reduce the adverse effects.
- Coastal states (especially Tamil Nadu, Kerala and Lakshadweep), fishermen are advised not to venture into sea.

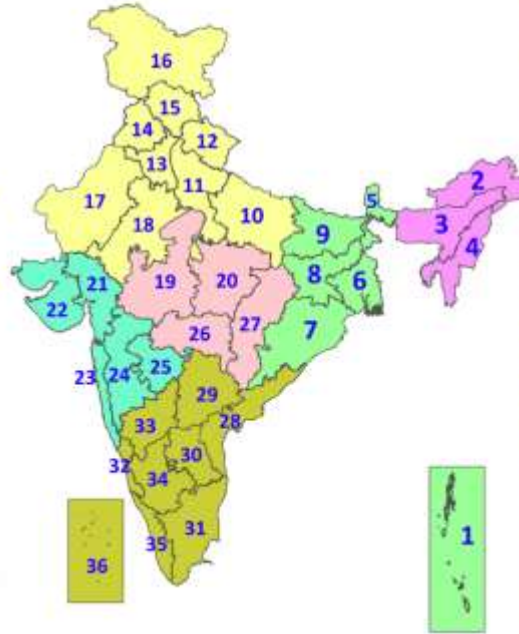
#### **Legends & abbreviations:**

- ❖ **Heavy Rain:**64.5115.5mm; **Very Heavy Rain:**115.6204.4mm; **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, Coastal Maharashtra (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

<b>Rain/ Snow *</b>	<p><b>Heavy:</b> 64.5 to 115.5 mm/cm *</p> <p><b>Very Heavy:</b> 115.6 to 204.4 mm/cm*</p> <p><b>Extremely Heavy:</b> &gt; 204.4 mm/cm *</p>
<b>Heat Wave</b>	<p>When maximum temperature of a station reaches <math>\geq 40^{\circ}\text{C}</math> for plains and <math>\geq 30^{\circ}\text{C}</math> for hilly regions</p> <p><b>(a) Based on Departure from normal</b></p> <p><b>Heat Wave:</b> Maximum Temperature Departure from normal <math>4.5^{\circ}\text{C}</math> to <math>6.4^{\circ}\text{C}</math>.</p> <p><b>Severe Heat Wave:</b> Maximum Temperature Departure from normal <math>\geq 6.5^{\circ}\text{C}</math></p> <p><b>(b). Based on Actual maximum temperature</b></p> <p><b>Heat Wave:</b> When actual maximum temperature <math>\geq 45^{\circ}\text{C}</math>.</p> <p><b>Severe Heat Wave:</b> When actual maximum temperature <math>\geq 47^{\circ}\text{C}</math></p> <p><b>( c). Criteria for heat wave for coastal stations</b></p> <p>When maximum temperature departure is <math>&gt;4.5^{\circ}\text{C}</math> from normal. Heat Wave may be described provided maximum temperature <math>\geq 37^{\circ}\text{C}</math></p>
<b>Warm Night</b>	<p><b>When maximum temperature remains <math>40^{\circ}\text{C}</math></b></p> <p><b>Warm Night:</b> When minimum temperature departure <math>4.5^{\circ}\text{C}</math> to <math>6.4^{\circ}\text{C}</math>.</p> <p><b>Severe Warm Night:</b> When minimum temperature departure <math>&gt;6.4^{\circ}\text{C}</math>.</p>
<b>Cold Wave</b>	<p>When minimum temperature of a station <math>\leq 10^{\circ}\text{C}</math> for plains and <math>\leq 0^{\circ}\text{C}</math> for hilly regions.</p> <p><b>(a). Based on departure</b></p> <p><b>Cold Wave:</b> Minimum Temperature Departure from normal <math>-4.5^{\circ}\text{C}</math> to <math>-6.4^{\circ}\text{C}</math>.</p> <p><b>Severe Cold Wave:</b> Minimum Temperature Departure from normal <math>\leq -6.5^{\circ}\text{C}</math></p> <p><b>(b) Based on actual Minimum Temperature (for Plains only)</b></p> <p><b>Cold Wave :</b> When Minimum Temperature is <math>\leq 4.0^{\circ}\text{C}</math></p> <p><b>Severe Cold Wave:</b> When Minimum Temperature is <math>\leq 2.0^{\circ}\text{C}</math></p> <p><b>( c) For Coastal Stations</b></p> <p>When Minimum Temperature departure is <math>\leq -4.5^{\circ}\text{C}</math> &amp; actual Minimum Temperature is <math>\leq 15^{\circ}\text{C}</math></p>
<b>Cold Day</b>	<p>When minimum temperature of a station <math>\leq 10^{\circ}\text{C}</math> for plains and <math>\leq 0^{\circ}\text{C}</math> for hilly regions</p> <p><b>Based on departure</b></p> <p><b>Cold Day:</b> Maximum Temperature Departure from normal <math>-4.5^{\circ}\text{C}</math> to <math>-6.4^{\circ}\text{C}</math>.</p> <p><b>Severe Cold Day:</b> Maximum Temperature Departure from normal <math>\leq -6.5^{\circ}\text{C}</math></p>
<b>Fog</b>	<p><b>Phenomenon of small droplets suspended in air and the horizontal visibility <math>&lt; 1\text{km}</math></b></p> <p><b>Moderate Fog:</b> When the visibility between 500-200 metres</p> <p><b>Dense Fog:</b> when the visibility between 50- 200 metres</p> <p><b>Very Dense Fog:</b> when the visibility <math>&lt; 50</math> metres</p>
<b>Thunderstorm</b>	<p>Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)</p>
<b>Dust/Sand Storm</b>	<p>An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.</p>
<b>Frost</b>	<p><b>Ice deposits on ground</b></p> <p>Air temperature <math>\leq 4^{\circ}\text{C}</math> ( over Plains)</p>
<b>Squall</b>	<p><b>A strong wind that rises suddenly, lasts for atleast 1 minute.</b></p> <p><b>Moderate:</b> Wind speed 52-61 kmph</p> <p><b>Severe:</b> Wind speed 62-67 kmph</p> <p><b>Very Severe:</b> Wind speed <math>&gt;67</math> kmph</p>
<b>Sea State</b>	<p><b>Effect of various waves in the sea over specific area</b></p> <p><b>Rough to very rough:</b> Wind speed 41-62 kmph (22-33 knots) &amp; Wave height 2.5-6 metre</p> <p><b>High to very high:</b> Wind speed 63-117 kmph ( 34-63 knots) &amp; Wave height 6-14 metre</p> <p><b>Phenomenal:</b> Wind speed <math>&gt;117</math> kmph (<math>&gt;63</math> knots) &amp; Wave height <math>&gt;14</math> metre</p>
<b>Cyclone</b>	<p><b>Cyclonic Storm:</b> Wind speed 62-87 kmph (34-47 knots)</p> <p><b>Severe Cyclonic Storm:</b> Wind speed 88-117 kmph (48-63 knots)</p> <p><b>Very Severe Cyclonic Storm:</b> Wind speed 118-165 kmph (64 - 89 knots)</p> <p><b>Extremely Severe Cyclonic Storm:</b> Wind speed 166-220 kmph (90 -119 knots)</p> <p><b>Super Cyclone Storm:</b> Wind speed <math>&gt;220</math> kmph (<math>&gt;119</math> knots)</p>

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