



Government of India  
Ministry of Earth Sciences  
India Meteorological Department



Press Release

Date: 12<sup>th</sup> June 2026

Time of Issue: 1400 hours IST

**Subject: (i) The Southwest Monsoon has further advanced into some more parts of West Bengal & Bihar, and some parts of Odisha & Jharkhand, today the 12th June, 2026.**

**(ii) Under the influence of western disturbance, wet spell likely to continue over northwest India till 13<sup>th</sup> with possibility of thunderstorm with gusty winds (50-60 kmph) & hailstorm on 12th June, 2026.**

**(iii) Heat wave conditions very likely in isolated pockets over Marathwada during 12th-13th June; Telangana during 12th-13th June; Vidarbha during 12th-16th June; West Rajasthan during 12th-13th June.**

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

- ❖ The **Southwest Monsoon** has further advanced into entire northwest Bay of Bengal, some more parts of westcentral Bay of Bengal, West Bengal & Bihar, and some parts of Odisha & Jharkhand, today the 12<sup>th</sup> June, 2026.
- ❖ The **Northern Limit of Monsoon** passes through 18°N/60°E, 18°N/65°E, 18°N/70°E, Harnai, Solapur, Hyderabad, Bhadradi Kothagudem, Kalingapatnam, Paradeep, Baripada, Purulia, Dhanbad, Muzaffarpur and 28.3°N/83°E as on 12<sup>th</sup> June, 2026.
- ❖ **Conditions are favourable** for further advance of southwest monsoon into some more parts of central Arabian Sea, Maharashtra, remaining parts of Karnataka, Telangana, Andhra Pradesh & West Bengal, some more parts of Odisha, Jharkhand & Bihar, and some parts of Chhattisgarh during next 2-3 days.

**Realised weather during past 24 hours ending at 0830 hours IST of today, the 12<sup>th</sup> June, 2026:**

- ❖ **Heavy to Very heavy rainfall (12-20 cm)** has been recorded at isolated places over Kerala.
- ❖ **Heavy rainfall (7-11 cm)** has been recorded at isolated places over Himachal Pradesh, Uttarakhand, West Uttar Pradesh, Andaman & Nicobar Islands, Assam, West Bengal, Odisha, Jharkhand, Bihar, Tripura, Tamil Nadu.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 60-90 kmph** prevailed at isolated places over Andaman & Nicobar Islands, Odisha, Himachal Pradesh, Punjab, Haryana & Chandigarh, West Uttar Pradesh, West Rajasthan, Kutch **with speed reaching 40-60 kmph** at isolated places over Gangetic West Bengal, Jharkhand, Uttarakhand, Madhya Pradesh, Konkan, Madhya Maharashtra, Gujarat Region.
- ❖ **Hailstorm** occurred at isolated places over Jammu-Kashmir, Himachal Pradesh, Punjab, Haryana, East Madhya Pradesh.
- ❖ **Heatwave** conditions prevailed at many places with **warn night** conditions at isolated places over Vidarbha.

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

- ❖ **Day/Maximum Temperatures (as on 11-06-2026):** Yesterday, Day/Maximum temperatures were in the range of 40–46°C at many parts of Punjab, Haryana, Rajasthan, Uttar Pradesh, north Madhya Pradesh, Vidarbha, Chhattisgarh and adjoining east India. Temperatures were below 40°C over the remaining parts of the country. The highest maximum temperature of 46.0°C was reported at **Jaisalmer (Rajasthan)**.
- ❖ **Day/Maximum Temperatures (as on 11-06-2026)** were **markedly above normal (> 5.1°C)** at a few places over Vidarbha; at isolated places over East Madhya Pradesh, Madhya Maharashtra, Odisha. **appreciably above normal (3.1°C to 5.0°C)** at many places over Konkan & Goa, Marathwada, Telangana; at isolated places over Coastal Andhra Pradesh & Yanam, East Rajasthan, East Uttar Pradesh, Gangetic West Bengal, Gujarat Region, Haryana-Chandigarh-Delhi, Himachal Pradesh, Jammu & Kashmir, Saurashtra & Kutch, Tamil Nadu, Puducherry & Karaikal, West Madhya Pradesh, West Rajasthan. **above normal (1.6°C to 3.0°C)** at most places over North Interior Karnataka; at a few places over Coastal Karnataka, Kerala & Mahe, Nagaland, Manipur, Mizoram & Tripura, Rayalaseema; at isolated places over Assam & Meghalaya, Chhattisgarh, West Uttar Pradesh.
- ❖ **Night Temperatures/Minimum temperatures (as on 12-06-2026)** are **appreciably above normal (3.1°C to 5.0°C)** over Konkan & Goa, Marathwada, Vidarbha, Telangana, Lakshadweep **above normal (1.6°C to 3.0°C)** over West Rajasthan, Madhya Pradesh, Odisha, Sub-Himalayan West Bengal, Gujarat State, Madhya Maharashtra, Coastal

Andhra Pradesh & Yanam, Rayalaseema, North Interior Karnataka, Andaman & Nicobar Islands and below normal or near normal over rest parts of the country.

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

- ❖ A **Western Disturbance** as a cyclonic circulation over north Haryana & neighbourhood in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** over central Pakistan & adjoining Northwest Rajasthan in lower tropospheric level.
- ❖ The **seasonal trough** at mean sea level from the above cyclonic circulation over central Pakistan adjoining Northwest Rajasthan to south Gangetic West Bengal.
- ❖ A **trough** runs from central Pakistan & adjoining Northwest Rajasthan to northwest Bay of Bengal across north Madhya Pradesh, north Chhattisgarh, Jharkhand, Gangetic West Bengal in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over Southeast Rajasthan & neighbourhood in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over coastal Bangladesh & adjoining north Bay of Bengal in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over north coastal Tamil Nadu in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over central Assam & neighbourhood in lower tropospheric level.
- ❖ A **shear zone** runs around 11°N across the above cyclonic circulation over north coastal Tamil Nadu in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** south Coastal Andhra Pradesh & neighbourhood in middle tropospheric level.

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

##### **Northwest India:**

- ❖ **Fairly Widespread to Widespread** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 12th June; Himachal Pradesh and Uttarakhand during 12th-13th June.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Haryana Chandigarh & Delhi, Punjab and West Uttar Pradesh on 12th June.
- ❖ **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 13th-18th June; Himachal Pradesh and Uttarakhand during 14th-18th June.
- ❖ **Isolated to Scattered** rainfall likely over Haryana Chandigarh & Delhi, Punjab and West Uttar Pradesh during 13th-18th June; East Uttar Pradesh during 12th-13th June and on 18th June; West Rajasthan during 12th-17th June; East Rajasthan during 12th-18th June.
- ❖ **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 13th-14th June; Himachal Pradesh during 13th-16th June; Uttarakhand during 13th-15th June.
- ❖ **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Haryana Chandigarh & Delhi and Punjab during 13th-14th June; East Uttar Pradesh and West Uttar Pradesh on 13th June; West Rajasthan during 14th-17th June; East Rajasthan during 14th-18th June.
- ❖ **Isolated heavy rainfall likely over Uttarakhand and West Uttar Pradesh on 12th June.**
- ❖ **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely over Haryana Chandigarh & Delhi, Punjab and West Uttar Pradesh on 12th June; East Rajasthan and West Rajasthan during 12th-13th June.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over East Uttar Pradesh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand on 12th June.
- ❖ **Isolated Hailstorm** activity likely over Haryana Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab and Uttarakhand on 12th June.
- ❖ **Duststorm** activity likely over West Rajasthan during 12th-13th June; East Rajasthan on 12th June.
- ❖ **Strong Surface winds** speed reaching 20-30 kmph likely over Northwest India today.

##### **Central India:**

- ❖ **Isolated to Scattered** rainfall likely over East Madhya Pradesh, Vidarbha and West Madhya Pradesh during 12th-18th June; Chhattisgarh during 13th-18th June.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Chhattisgarh on 12th June.
- ❖ **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over East Madhya Pradesh and West Madhya Pradesh during 14th-16th June; Vidarbha during 12th-13th June and on 16th June; Chhattisgarh during 13th-16th June, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Vidarbha during 14th-15th June.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over East Madhya Pradesh and West Madhya Pradesh during 12th-13th June; Chhattisgarh on 12th June.
- ❖ **Isolated Hailstorm** activity likely over East Madhya Pradesh and West Madhya Pradesh on 12th June.

### East India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands and Sub-Himalayan West Bengal & Sikkim during 12th-18th June; Gangetic West Bengal during 12th-15th June; Jharkhand and Odisha during 12th-13th June; Bihar on 13th June.
- ❖ **Isolated to Scattered** rainfall likely over Gangetic West Bengal during 16th-18th June; Jharkhand and Odisha during 14th-18th June; Bihar on 12th June and during 14th-18th June.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 13th-18th June; Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim during 12th-16th June; Jharkhand during 14th-18th June; Bihar on 14th June; Odisha during 14th-16th June, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Bihar during 15th-17th June.
- ❖ **Isolated heavy rainfall likely over Andaman & Nicobar Islands and Jharkhand on 12th June; Sub-Himalayan West Bengal & Sikkim during 12th-15th June and on 18th June; Bihar during 12th-13th June; Odisha during 12th-14th June with isolated very heavy rainfall also likely over Sub-Himalayan West Bengal & Sikkim during 16th-17th June.**
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Andaman & Nicobar Islands on 12th June; Jharkhand and Odisha during 12th-13th June; Bihar during 12th-13th June and on 18th June.

### Northeast India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 12th-18th June.
- ❖ Isolated **thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 12th-18th June.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh during 12th-16th June; Assam & Meghalaya during 14th-16th June; Nagaland, Manipur, Mizoram & Tripura during 12th-14th June with isolated **very heavy rainfall** also likely over Arunachal Pradesh during 17th-18th June; Assam & Meghalaya during 12th-13th June and during 17th-18th June.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 12th-18th June.
- ❖ Isolated **thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 12th-18th June.
- ❖ **Isolated heavy rainfall likely over Arunachal Pradesh during 12th-16th June; Assam & Meghalaya during 14th-16th June; Nagaland, Manipur, Mizoram & Tripura during 12th-14th June with isolated very heavy rainfall also likely over Arunachal Pradesh during 17th-18th June; Assam & Meghalaya during 12th-13th June and during 17th-18th June.**

### West India:

- ❖ **Isolated to Scattered** rainfall likely over Gujarat Region, Konkan & Goa, Madhya Maharashtra and Marathawada during 12th-18th June; Saurashtra & Kutch during 16th-18th June.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Konkan & Goa, Madhya Maharashtra and Marathawada during 12th-13th June.

### South Peninsular India:

- ❖ **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Telangana during 12th-18th June; Lakshadweep during 16th-18th June; North Interior Karnataka during 12th-16th June; South Interior Karnataka on 12th June.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Coastal Karnataka and Kerala & Mahe during 12th-18th June; Lakshadweep during 12th-15th June; North Interior Karnataka during 17th-18th June; South Interior Karnataka during 13th-18th June
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 12th-15th June; Kerala & Mahe and Lakshadweep during 12th-13th June; Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana on 12th June, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over North Interior Karnataka during 12th-16th June; South Interior Karnataka during 12th-15th June; Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana during 13th-16th June.
- ❖ Isolated **heavy rainfall** likely over Coastal Andhra Pradesh & Yanam, Coastal Karnataka, Lakshadweep, North Interior Karnataka, Rayalaseema, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Telangana on 12th June; Kerala & Mahe during 13th-14th June with isolated **very heavy rainfall** also likely over Kerala & Mahe on 12th June.

### Forecast of maximum/day temperatures:

- ❖ Gradual fall in maximum temperatures likely over Northwest India by 2-4°C till 13<sup>th</sup> and thereafter gradual rise by 3-5°C during 14<sup>th</sup> -18<sup>th</sup> June.

- ❖ No significant change in maximum temperatures likely over the rest parts of country till 18<sup>th</sup> June 2026.

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

- ❖ **Heat wave** conditions very likely in isolated pockets over Marathwada during 12<sup>th</sup>-13<sup>th</sup> June; Telangana during 12<sup>th</sup>-13<sup>th</sup> June; Vidarbha during 12<sup>th</sup>-16<sup>th</sup> June; southwest Rajasthan during 12<sup>th</sup>-13<sup>th</sup> June.
- ❖ **Hot and humid** weather conditions likely to prevail over Konkan & Goa and Madhya Maharashtra during 12<sup>th</sup>-13<sup>th</sup> June; Coastal Andhra Pradesh & Yanam on 12<sup>th</sup> June.
- ❖ **Warm Night** conditions very likely to prevail in isolated pockets over Vidarbha during 12<sup>th</sup>-13<sup>th</sup> June.

#### Fisherman Warning:

Fishermen are advised not to venture into the following areas during 12<sup>th</sup> June to 17<sup>th</sup> June, 2026:

- ❖ **Bay of Bengal:** Over Gulf of Mannar, Comorin, Sri Lanka coasts, over southwest Bay of Bengal adjoining southeast Bay of Bengal, Andaman Sea during 12<sup>th</sup> to 17<sup>th</sup> June; eastcentral adjoining west central Bay of Bengal during 12<sup>th</sup> to 14<sup>th</sup> June. along and off Odisha coasts during 12<sup>th</sup> to 14<sup>th</sup> June.
- ❖ **Arabian Sea:** Along and off Karnataka, Kerala coasts, Lakshadweep area Maldives area adjoining eastcentral Arabian Sea during 12<sup>th</sup> to 14<sup>th</sup> June. Along and off Somalia & Oman coast adjoining some parts of southwest & westcentral & northwest Arabian Sea during 12<sup>th</sup> to 15<sup>th</sup> June, along and off Somalia adjoining southwest Arabian Sea and Oman coasts adjoining northwest & westcentral Arabian sea during 15<sup>th</sup> to 17<sup>th</sup> June.

#### Weather conditions and forecast over Delhi/NCR during 12<sup>th</sup> June -15<sup>th</sup> June, 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):

- ❖ **Kerala:** Chemberi (dist Cannur) 15, Manjeri (dist Malappuram) 8,
- ❖ **Andaman & Nicobar Islands:** Port Blair 11;
- ❖ **Tamil Nadu:** Neyyoor AWS (dist Kanyakumari) 11, Manjolai (dist Tirunelveli) 10;
- ❖ **Himachal Pradesh:** Kasauli 10, Dharampur 9;
- ❖ **Gangetic West Bengal:** PTO Tarakeswar 9;
- ❖ **Odisha:** Ghasipura (Dist.- Keonjhar) 10;
- ❖ **Bihar:** Pranpur (Katihar) 8;
- ❖ **Uttarakhand:** Gularbhoj-AWS) 10, Kirtinagar 8;
- ❖ **West Uttar Pradesh:** Chandpur (Bijnor) 9;
- ❖ **Assam & Meghalaya:** Dalgaon AWS 7;
- ❖ **Tripura:** Bagafa 7;
- ❖ **Sub-Himalayan West Bengal:** MALDA 7;
- ❖ **Jharkhand:** Manjari, Dist. West Singhbhum 7.

#### Gusty winds (in >= 40 kmph) (from 0830 hours IST of yesterday to 0830 hours IST of today):

- ❖ **Punjab:** Sangrur 111, Patiala 63, Mohali 68, Bhatinda 57, Rupnagar 54, Hoshiyarpur 54, Pathankot 52;
- ❖ **Haryana, Chandigarh:** Kaithal 89; Karnal 80; Sirsa 61, Jind 65, Chandigarh 65, Sonapat 52, Bhiwani 44, Palwal 44, Rohtak 46, Panchkula 56;
- ❖ **Himachal Pradesh:** Neri (81);
- ❖ **West Uttar Pradesh:** Jalaun (AWS) 80, Agra (Iaf) 74, Bulandshahar (AWS) 67, Shahjahanpur (AWS) 65, G. B. Nagar (AWS) 65, Hapur (AWS) 59, Hindon (Iaf) 53, Amroha (AWS) 48, Muzaffarnagar (AWS) 46, Bareilly (AWS) 48, Bareilly 46, Sarasawa (Iaf) 46, Bareilly (Iaf) 46, Moradabad 43;
- ❖ **Andaman & Nicobar Islands:** Sri Vijayapuram (72);
- ❖ **Odisha:** Bhadrak Dist 67;
- ❖ **Saurashtra & Kutch:** Bhachau AMFU (Kutch) 63;
- ❖ **West Rajasthan:** Sriganganagar 61;
- ❖ **West Madhya Pradesh:** Gwalior 59, Indore 42, Agar 41, Sehore 41;
- ❖ **Jharkhand:** Bau Kanke Ranchi 56;
- ❖ **Gujarat Region:** Arnej (k) - 54;
- ❖ **Madhya Maharashtra:** Kalwan (Nashik) 50, Vilholi (Nashik) 44, Shahada\_AWS400 (Nandurbar) 44;
- ❖ **East Madhya Pradesh:** Satna 50, Sidhi 48, Jabalpur 46;

- ❖ **Gangetic West Bengal:** Bijpur (48);
- ❖ **Uttarakhand:** Pantnagar\_Amfu - 46, Champawat-43, Roorkee, Jollygrant & Ranichauri-41;
- ❖ **Konkan:** Karjat (Raigad) 41.

Annexure I

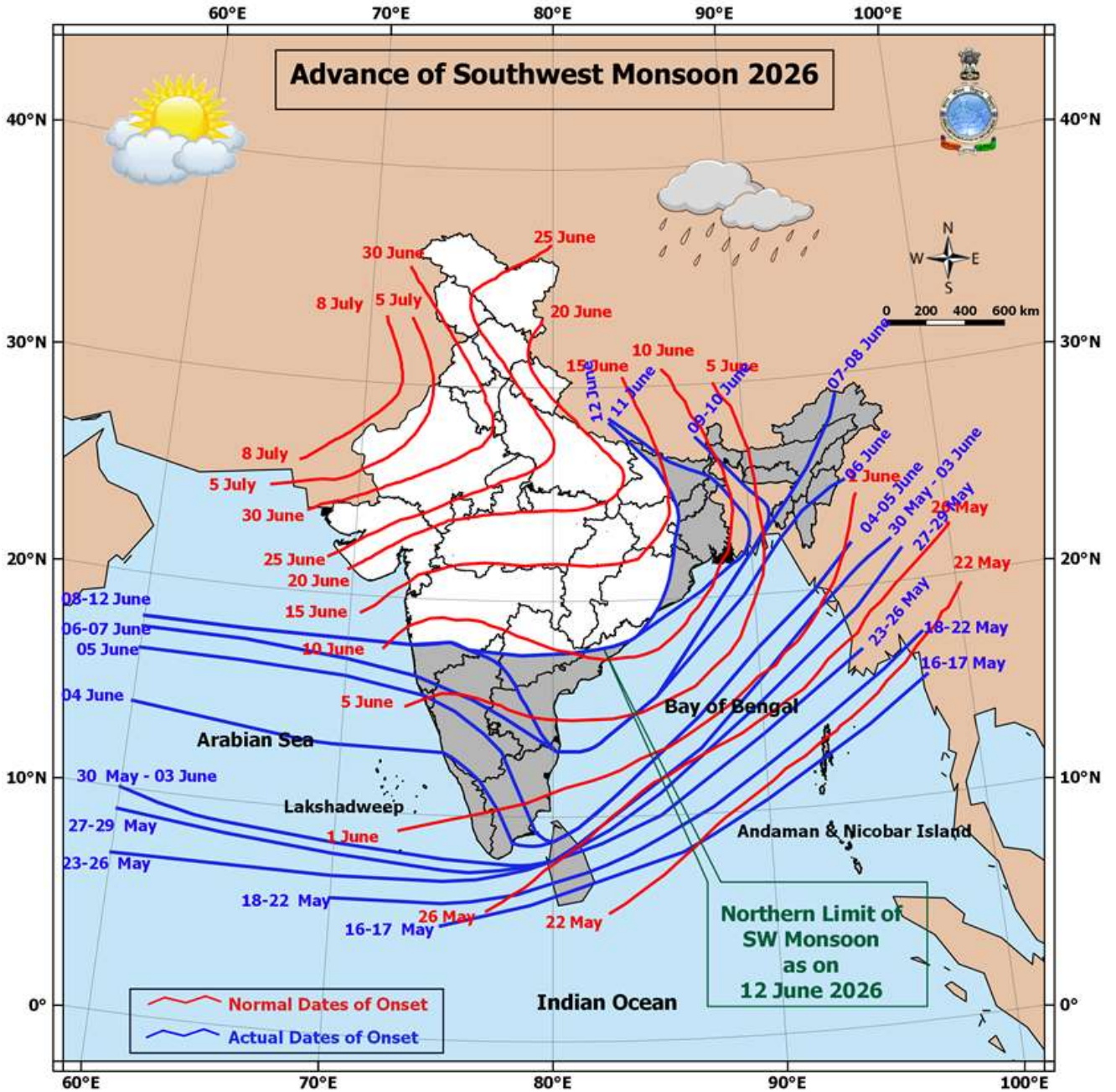
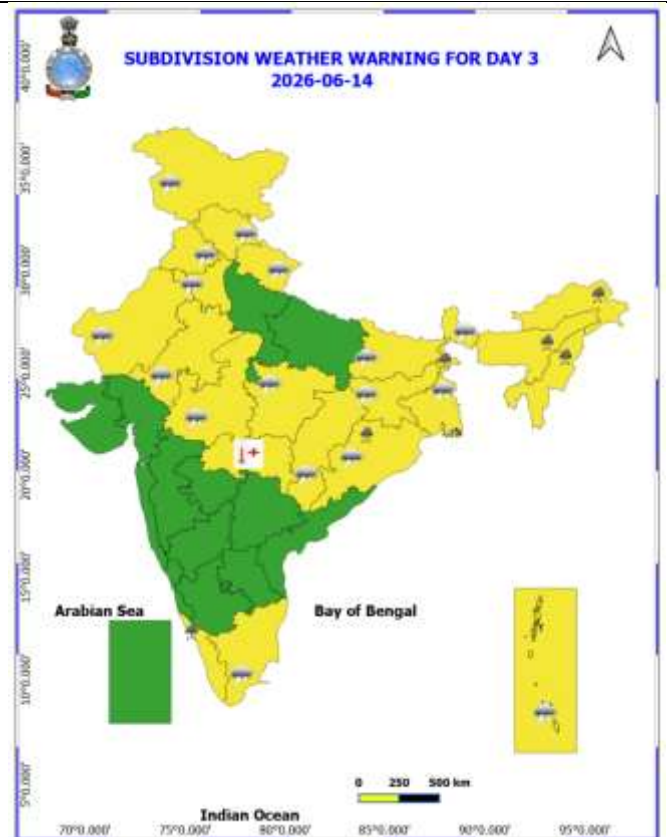
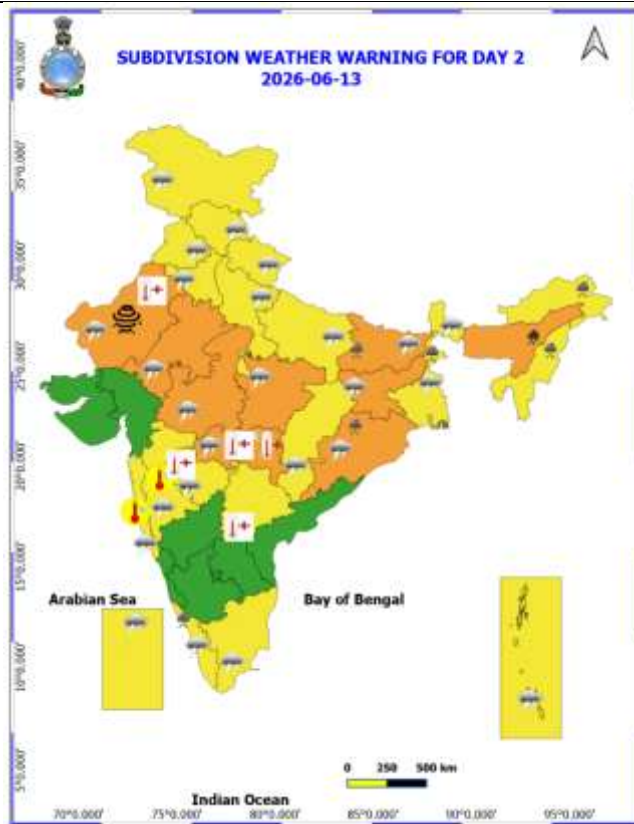
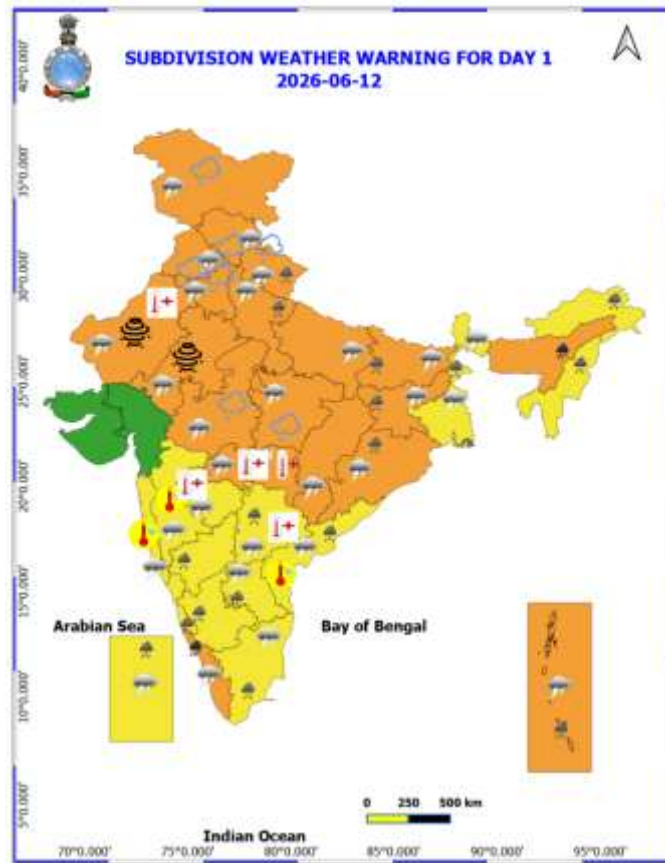
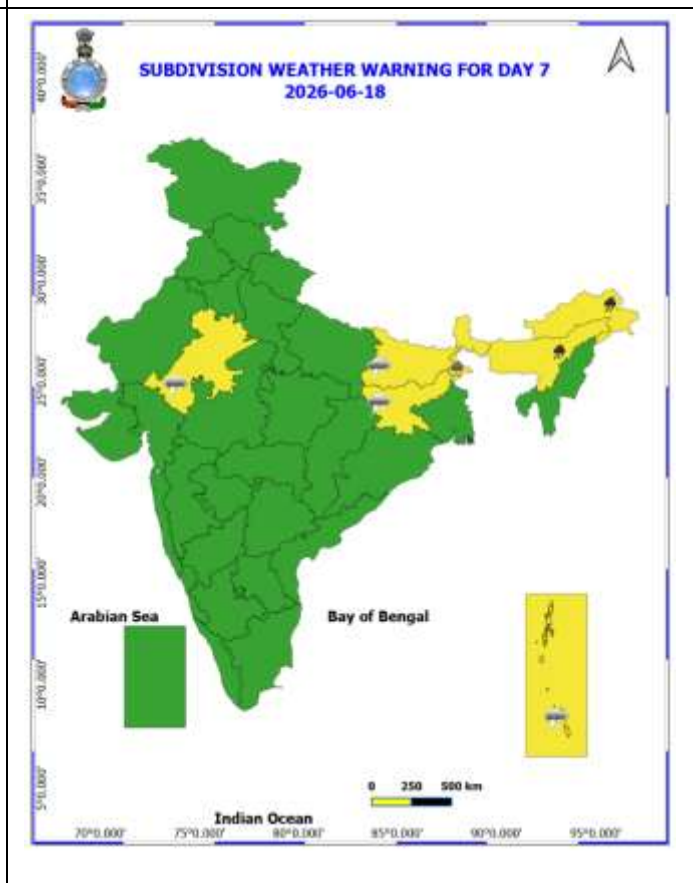
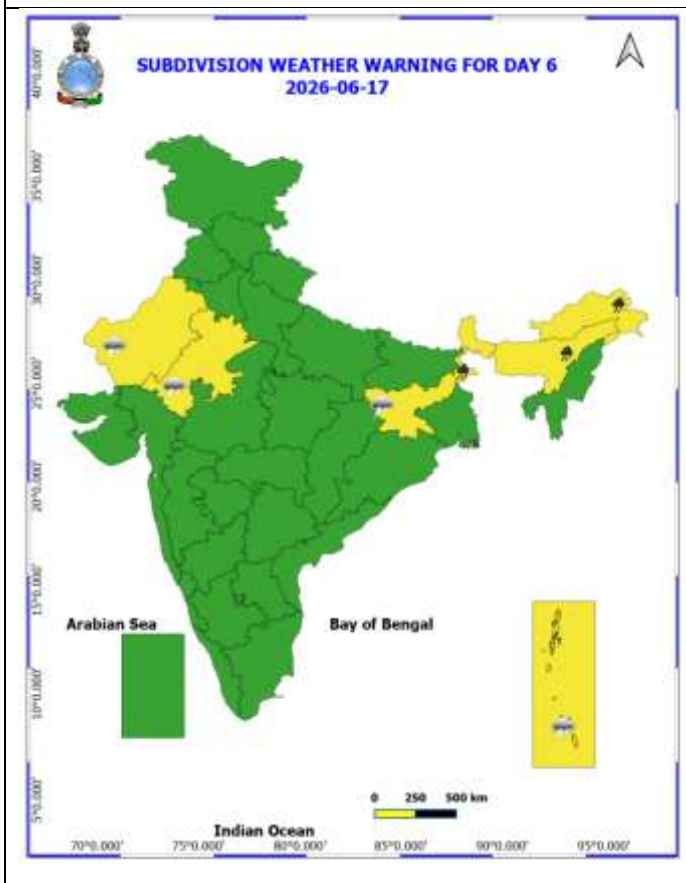
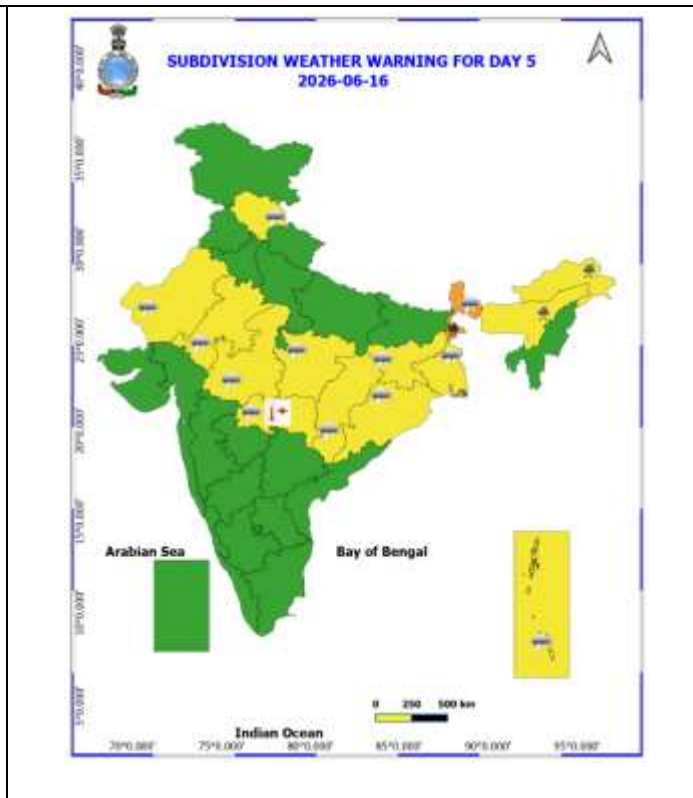
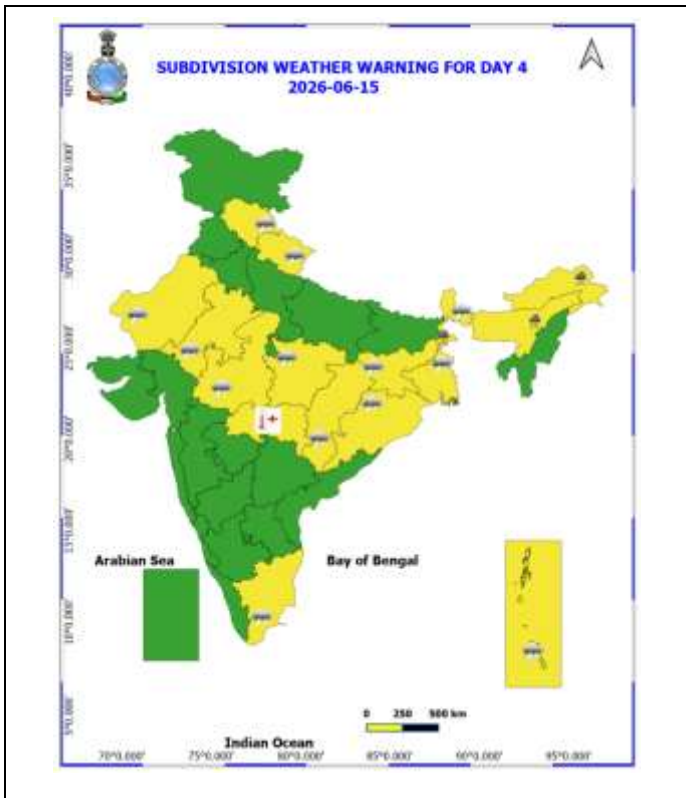


Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	12- Jun	13- Jun	14- Jun	15- Jun	16- Jun	17- Jun	18- Jun
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	WS	WS	WS	WS	WS
2	ARUNACHAL PRADESH	FWS	FWS	WS	FWS	FWS	WS	WS
3	ASSAM & MEHGHALAYA	WS	WS	WS	FWS	FWS	WS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

- As the lead period increases forecast accuracy decrease.





- Action may be taken based on ORANGE AND 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 12<sup>th</sup> June to 15<sup>th</sup> June 2026

### Past Weather:

There has been fall in the maximum temperatures by 4-6°C and fall in the minimum temperatures by 6-8°C during past 24 hours over Delhi. The maximum temperatures were in the range of 38-39°C and the minimum temperatures are in the range 21-23°C, respectively during past 24 hours over Delhi. The minimum temperatures are markedly below normal (-5.1°C or less) at many places with appreciably below normal (-3.1°C to -5.0°C) over remaining parts of Delhi. The maximum temperatures were appreciably below normal (-3.1°C to -5.0°C) at isolated places, below normal (-1.6°C to -3.0°C) at isolated places with normal (-1.5°C to 1.5°C) over remaining parts of Delhi. Partly cloudy sky with surface wind speeds up to 44 kmph gusting to 67 kmph from southeast direction prevailed over Delhi during past 24 hours. Very light to light rain observed at most places over Delhi during past 24 hours. Generally cloudy sky with surface wind speeds up to 30 kmph gusting to 50 kmph likely to prevailed from southeast direction over the region in the forenoon today.

### Weather Forecast:

**12.06.2026:** Partly cloudy sky. A spell of very light rain/light rain accompanied with thunderstorm/lightning and strong surface wind speed reaching 40-50 kmph gusting 65 kmph towards evening/night. Strong Surface winds speed reaching 20-30 kmph likely. The maximum temperatures over Delhi are likely to be in the range of 33°C to 35°C. The maximum temperatures will be appreciably below normal (-3.1°C to -5.0°C) at many places with markedly below normal (-5.1°C and less) at isolated places over Delhi. The predominant surface wind is likely to be from the southeast direction with surface wind speed reaching up to 30 kmph during the afternoon hours. The wind speed will decrease becoming up to 25 kmph from the southeast direction during evening and night.

**13.06.2026:** Partly cloudy sky. A spell of very light rain/light rain accompanied with thunderstorm/lightning and strong surface wind speed reaching 40-50 kmph gusting to 60 kmph towards afternoon/evening. The maximum and minimum temperatures over Delhi are likely to be in the range of 36°C to 38°C and 22°C to 24°C, respectively. The minimum temperatures will be appreciably below normal (-3.1°C to -5.0°C) at many places with markedly below normal (-5.1°C or less) at isolated places, and the maximum temperatures will be appreciably below normal (-3.1°C to -5.0°C) at many places with below normal (-1.6°C to -3.0°C) at isolated places over Delhi. The predominant surface wind is likely to be from the southeast direction with surface wind speed up to 20 kmph during the morning hours. The wind speed will gradually increase up to 25 kmph from the southeast direction during the afternoon. The wind speed will decrease up to 20 kmph from the southeast direction during evening and night.

**14.06.2026:** Partly cloudy sky. Possibility of thundery development towards afternoon/evening. The maximum and minimum temperatures over Delhi are likely to be in the range of 37°C to 39°C and 23°C to 25°C, respectively. The minimum temperatures will be appreciably below normal (-3.1°C to -5.0°C) at many places with below normal (-1.6°C to -3.0°C) at isolated places, and the maximum temperatures will be appreciably below normal (-3.1°C to -5.0°C) at many places with below normal (-1.6°C to -3.0°C) at isolated places over Delhi. The predominant surface wind is likely to be from the southeast direction with surface wind speed up to 18 kmph during the morning hours. The surface wind speed will increase becoming up to 22 kmph from the west direction during the afternoon. The wind speed will decrease up to 18 kmph from the northwest direction during evening and night.

**15.06.2026:** Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 37°C to 39°C and 24°C to 26°C, respectively. The minimum temperature will be below normal (-1.6°C to -3.0°C) at many places with appreciably below normal (-3.1°C to -5.0°C) at isolated places, and the maximum temperatures will be below normal (-1.6°C to -3.0°C) at many places with near normal (-1.5°C to 1.5°C) at isolated places over Delhi. The predominant surface wind is likely to be from the northwest direction with wind speed reaching up to 18 kmph during the morning hours. The surface wind speed will gradually increase becoming up to 25 kmph from the northwest direction during the afternoon. The surface wind speed will decrease up to 18 kmph from the west direction during evening and night.

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

Thunderstorms accompanied with lightning and gusty winds (40-50 kmph reaching up to 60 kmph) with dust-raising surface winds are likely to occur.

- **Expected Impacts:** Breaking of tree branches and uprooting of large trees, falling of dead tree limbs, Damage to standing crops, Minor to major damage to power and communication lines due to falling branches, Partial damage to vulnerable structures due to strong winds, Loose objects may get blown away

- **Advisory for Public Safety:** Keep a close watch on weather updates and worsening conditions, stay indoors and avoid unnecessary travel, Close windows and doors securely, take shelter in safe places and avoid open areas, do not take shelter under trees, do not lie on concrete floors or lean against concrete walls during lightning activity, unplug electrical and electronic appliances, immediately move out of water bodies, stay away from objects that conduct electricity

**Citizens are advised to remain alert and follow safety precautions to avoid any loss of life or property.**

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

- ❖ **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely over Haryana Chandigarh & Delhi, Punjab and West Uttar Pradesh on 12th June; East Rajasthan and West Rajasthan during 12th-13th June;
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over East Uttar Pradesh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand on 12th June; East Madhya Pradesh and West Madhya Pradesh during 12th-13th June; Chhattisgarh on 12th June; Andaman & Nicobar Islands on 12th June; Jharkhand and Odisha during 12th-13th June; Bihar during 12th-13th June and on 18th June.
- ❖ Isolated **Hailstorm** activity likely over Haryana Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab and Uttarakhand on 12th June; East Madhya Pradesh and West Madhya Pradesh on 12th 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.

### **Impact Expected & Action Suggested due to heavy/very heavy rainfall over**

- ❖ Isolated **heavy rainfall** likely over Uttarakhand and West Uttar Pradesh on 12th June; Andaman & Nicobar Islands and Jharkhand on 12th June; Sub-Himalayan West Bengal & Sikkim during 12th-15th June and on 18th June; Bihar during 12th-13th June; Odisha during 12th-14th June; Arunachal Pradesh during 12th-16th June; Assam & Meghalaya during 14th-16th June; Nagaland, Manipur, Mizoram & Tripura during 12th-14th June; Coastal Andhra Pradesh & Yanam, Coastal Karnataka, Lakshadweep, North Interior Karnataka, Rayalaseema, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Telangana on 12th June; Kerala & Mahe during 13th-14th June.
- ❖ Isolated **very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim during 16th-17th June; Arunachal Pradesh during 17th-18th June; Assam & Meghalaya during 12th-13th June and during 17th-18th June; Kerala & Mahe on 12th June.

## 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 conditions:

- ❖ **Heat wave** conditions very likely in isolated pockets over Marathawada during 12th-13th June; Telangana during 12th-13th June; Vidarbha during 12th-16th June; West Rajasthan during 12th-13th June.

## 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 **Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana and Madhya Pradesh**, 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 vegetables, maize, rice nursery and other crop fields to prevent waterlogging. Immediately drain stagnant water from paddy nurseries to prevent seedling damage. Protect paddy nurseries with polythene covers to minimize damage from heavy rain.
- In **Assam**, ensure proper drainage arrangements for quick removal of excess water from rice nurseries, jute, ginger, vegetables, banana, citrus and papaya. Postpone nursery sowing of *Sali* rice. Cover the rice nursery beds with thin polythene sheet. Provide mechanical support to the sugarcane crop to prevent lodging.
- In **Meghalaya**, ensure proper drainage channels in maize, ginger, cowpea, vegetable fields and banana plantations. Protect young seedlings from direct exposure to heavy rainfall. Use propping (bamboo or wooden poles) to support heavily laden plants.
- In **Tripura**, harvest *Boro* rice and immediately transfer the grains to a safer place.
- In **Sub Himalayan West Bengal**, keep the harvested produce of rice and other vegetables in safe and dry place. Provide adequate drainage in ginger, tomato and dalley khorsani fields and nurseries of *kharif* rice and vegetables.
- In **Andaman & Nicobar Islands**, ensure proper drainage in coconut gardens and avoid water stagnation around basins.

- In **Keralam**, drain out excess water from banana, coconut, cardamom, ginger, black pepper and vegetables. Provide staking support in banana plants and strengthen the pandals of vegetable crops. Avoid transplanting of rice during heavy rain.
- In **Tamil Nadu**, maintain proper drainage in rice, cumbu, groundnut, sugarcane, banana and vegetables. Keep the harvested produce at safe places.
- In **South Coastal Andhra Pradesh**, provide adequate drainage in standing crop fields to prevent waterlogging.
- In **Karnataka**, ensure proper drainage in paddy fields, areca nut groves, mango orchards and other standing crops. Keep the harvested produce in safe places. Provide staking to tomato plants.
- In **Telangana**, keep harvested vegetables and fruits under shade and cover them with tarpaulin or plastic sheets to protect from damage.

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

- In **North Coastal Andhra Pradesh**, apply need based irrigation in vegetable nurseries.
- In **Vidarbha** and **Marathwada**, apply light irrigation as per requirement in vegetable crops and fruit orchards.
- In **Telangana**, adopt mulching in tomato to conserve soil moisture and also apply foliar spray of Calcium Nitrate @ 5 g per litre of water.

#### **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 balanced feed.
- Store the feed and fodder in a safe place to prevent spoilage.
- In regions with high temperatures and heat wave conditions, provide clean, cool drinking water to animals, and cover the roofs of poultry sheds with grass to reduce the adverse effects of heat.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

#### **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 62-67 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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