



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 26th March 2026
Time of Issue: 1400 hours IST

Subject: (i) Isolated to scattered rainfall/snowfall with thunderstorm, lightning & gusty winds likely over Western Himalayan region till 27th and scattered to fairly widespread during 28th -31st March in associated with Western Disturbances. Isolated to scattered rainfall activity also likely over plains of northwest India till 31st March.

(ii) Scattered to fairly widespread rainfall along with thunderstorm/lightning & gusty wind likely over Northeast & adjoining east India during the week with possibility of isolated heavy rainfall over Sub-Himalayan West Bengal & Sikkim on 26th & 27th; Arunachal Pradesh and Assam & Meghalaya during 27th-29th and Nagaland, Manipur, Mizoram & Tripura during 28th March, 2026.

(iii) Hot & Humid conditions likely to prevail at isolated pockets over Konkan & Goa on 26th and Kerala during 26th to 27th March.

(iv) In association with the north-south oriented trough/wind discontinuity in lower levels, isolated thunderstorm, lightning & gusty winds likely over South Peninsular India during the week.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 26th March, 2026:

- ❖ **Heavy rainfall (7-11cm)** has been recorded at isolated places over Odisha.
- ❖ **Hailstorm activity** reported at isolated places over Telangana, Odisha and Interior Karnataka.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds** with speed 30-60 kmph at isolated places over Jammu-Kashmir, Odisha, East Madhya Pradesh, West Uttar Pradesh, Chhattisgarh, Konkan, Madhya Maharashtra, Marathawada, Saurashtra & Kutch, Gujarat Region, Telangana, Coastal Karnataka, Interior Karnataka, West Bengal & Sikkim, Assam, Arunachal Pradesh, Nagaland and Tripura.

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

- ❖ **Maximum/day temperatures** were in the range (38°C-40°C): At most places over Maharashtra; at isolated places over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, Rayalaseema, southwest Madhya Pradesh, south Gujarat, central Chhattisgarh and in the range of (32°C- 37°C) over the rest parts of the country except Northeast India, Sikkim, Western Himalayan Region and adjoining plains. **The highest maximum temperature of 40.7°C is reported at AKOLA (MAHARASHTRA)**
- ❖ **Maximum Temperatures/day temperatures** were **markedly above normal (>5.1°C)** at a few places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; **appreciably above normal (3.1°C to 5.0°C)** at isolated places over Himachal Pradesh, East Rajasthan; **above normal (1.6°C to 3.0°C)** at many places over Vidarbha; at a few places over West Rajasthan, Lakshadweep, Kerala. **markedly below normal (< -5.1°C)** at isolated places over Nagaland; **appreciably below normal (-5.0°C to - 3.1°C)** at isolated places Assam & Meghalaya and Mizoram; **below normal (- 3.0°C to -1.6°C)** at a few places over Bihar, Telangana, Andaman & Nicobar Islands; at isolated places over North Interior Karnataka, Tamil Nadu, Puducherry & Karaikal.
- ❖ **Minimum/night temperatures** were in the range of **12-18°C** over Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Madhya Pradesh, northwest Rajasthan, Sub-Himalayan West Bengal, Assam & Meghalaya, Mizoram. They were in the range of **18-25°C** over remaining parts of the plains of the country. **Today, the lowest minimum temperature of 14.0 °C was observed at Ayodhya (East Uttar Pradesh) over the plains of India.**
- ❖ **Minimum/night Temperature** were **appreciably above normal (3.1°C to 5.0°C)** over West Rajasthan & Gujarat Region; **above normal (1.6°C to 3.0°C)** over Punjab, northwest Uttar Pradesh, Bihar, Saurashtra & Kutch, Maharashtra, Odisha; **below normal (-3.0°C to -1.6°C)** over Delhi, Sub-Himalayan West Bengal & Sikkim, Mizoram and near normal over rest parts of the country.

Weather Systems, Forecast and Warnings (refer to ANNEXURE I & II):

- ❖ The **Western Disturbance** seen as a trough in middle tropospheric westerlies with its axis in middle tropospheric level roughly along Long. 74°E to the north of Lat. 34°N.
- ❖ An **upper air cyclonic circulation** lies over southeast Rajasthan & neighbourhood in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over West Rajasthan adjoining central Pakistan in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over northeast Assam & neighbourhood in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over northeast Bangladesh & neighbourhood in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over south Gangetic West Bengal adjoining north Odisha in lower tropospheric level.
- ❖ A **trough** runs from Marathwada to South Interior Karnataka across North interior Karnataka in lower tropospheric level.
- ❖ **Subtropical westerly Jet Stream** with core winds of the order of 100 knots at 12.6 km above mean sea level prevails over northeast India.
- ❖ Another **Western Disturbance** likely to affect northwest India from night of 28th March 2026.

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

Northwest India:

- ❖ **Isolated to scattered** light to moderate rainfall/snowfall with isolated thunderstorm, lightning & gusty winds speed reaching (30-50 kmph) likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 26th & 28th, Himachal Pradesh on 28th; Uttarakhand on 27th March.
- ❖ **Isolated** light to moderate rainfall with thunderstorm, lightning & gusty winds speed reaching (30-40 kmph) likely over Punjab on 26th & 28th and Haryana, Chandigarh & Delhi on 26th; East Uttar Pradesh on 27th; Rajasthan on 28th with lightning over West Uttar Pradesh and East Rajasthan on 27th and West Rajasthan on 26th & 27th March.
- ❖ Another fresh wet spell with **fairly widespread to widespread** light to moderate rainfall/snowfall with isolated thunderstorm, lightning & gusty winds speed reaching (40-50 kmph) likely over Jammu-Kashmir on 29th & 30th; Himachal Pradesh on 29th; Uttarakhand during 29th -31st March with **isolated to scattered** light to moderate rainfall with isolated thunderstorm, lightning & gusty winds speed reaching (30-50 kmph reaching 60 kmph) likely over Punjab and Haryana Chandigarh & Delhi on 29th & 30th West Uttar Pradesh during 29th -31st and Rajasthan on 29th & 30th March.

Northeast India:

- ❖ **Scattered to fairly widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds speed reaching (30-50 kmph)** likely over Arunachal Pradesh on 28th & 29th; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 28th-30th with **lightning** over Arunachal Pradesh on 26th & 30th; Assam & Meghalaya on 26th and Nagaland, Manipur, Mizoram & Tripura on 26th & 27th March.
- ❖ **Isolated hailstorm activity with Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Assam & Meghalaya on 27th March.
- ❖ **Isolated heavy rainfall** likely over Assam & Meghalaya during 27th – 29th; Arunachal Pradesh on 28th, 29th March & 01st April and Nagaland, Manipur, Mizoram & Tripura on 29th March.

East India:

- ❖ **Isolated to Scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds speed reaching (30-50 kmph)** likely over West Bengal & Sikkim during 26th -29th; Bihar during 27th-29th; Jharkhand on 27th, 28th and 31st & Odisha during next 7 days with lightning over Jharkhand on 30th March.
- ❖ **Hailstorm** at isolated places likely over Bihar and Sub-Himalayan West Bengal & Sikkim on 27th-28th; Gangetic West Bengal and Jharkhand on 27th March.
- ❖ Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 26th -28th March.

Central India:

- ❖ **Isolated** light rainfall with **thunderstorm, lightning & gusty winds speed reaching (30-50 kmph)** likely over Madhya Pradesh on 27th and 29th-31st March; Chhattisgarh during next 7 days; Vidarbha during next 5 days.

West India:

- ❖ **Isolated** light rainfall with **thunderstorm, lightning & gusty winds speed reaching (30-50 kmph)** likely over mm and Marathwada on 26th, 30th & 31st; Saurashtra & Kutch and Gujarat Region on 29th & 30th March.

South Peninsular India:

- ❖ **Isolated** light rainfall with **thunderstorm, lightning & gusty winds speed reaching (30-50 kmph)** likely over Tamil Nadu, Puducherry & Karaikal on 29th; Kerala & Mahe on 28th & 29th; Coastal Andhra Pradesh & Yanam and Interior Karnataka and Telangana during 26th-30th; Rayalaseema during 27th-30th; with **lightning** over Coastal Karnataka during 26th-30th; Kerala & Mahe on 30th March.
- ❖ **Isolated hailstorm activity** likely over North Interior Karnataka and Telangana on 26th March.

Hot & Humid weather Warnings:

- ❖ **Hot & humid conditions** very likely to prevail in isolated pockets over Kerala & Mahe on 26th & 27th and Konkan & Goa 26th March.

Forecast of maximum/day temperatures:

- ❖ Gradual rise in maximum temperatures by 2°C likely over Northwest India during next 24 hours; gradual fall by 2-4°C for next 48 hours; gradual rise by 2-4°C for next 48 hours and gradual fall by 3-5 °C for next 2 days thereafter.
- ❖ No significant change in maximum temperatures likely over Central India during next 5 days and gradual fall by 2-3°C during subsequent 2 days.
- ❖ Gradual rise in maximum temperatures by 2-3°C likely over East India during next 2 days; gradual fall by 2-3°C during subsequent 2 days and gradual rise by 2-3 °C thereafter.
- ❖ No significant change in maximum temperatures likely over Maharashtra State during next 4 days and gradual fall by 2-3°C during subsequent 3 days and no significant change in maximum temperatures likely over Gujrat State during next 24 hours and gradual fall by 2-3°C thereafter.
- ❖ No significant change in maximum temperatures likely over South Peninsula India except Kerala India during next 2 days and gradual fall by 2-3°C during subsequent 5 days. In Kerala, no significant change in maximum temperatures likely during next 2 days and fall by 2-3°C for next 3 days and rise by 2-3°C thereafter.
- ❖ No significant change in maximum temperatures likely over Northeast India.

Fishermen Warning:

Fishermen are advised not to venture into the following areas during 26th March to 31st March, 2026:

Bay of Bengal: No Warning.

Arabian Sea: over along and off the Oman coast adjoining Gulf of Oman & northwest Arabian Sea on 28th and 29th March.

Weather conditions and forecast over Delhi/NCR during 26th -29th March, 2026 (ANNEXURE III)

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>

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

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

- ❖ **Odisha:** Dhamnagar 8

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

Arunachal Pradesh: Lowertato 50

Meghalaya: Shillong 48

Nagaland, Manipur, Mizoram & Tripura: Chakpikarong 37, Tujangvaichong 37, Imphal_AMFU 35, ADC Moreh 33

Odisha: Janhukuda 43

Jammu & Kashmir: Aws Shopian 37, Aws Chatha_Jammu 33, AWS Ramban 30, Agro_Kathua 30

West Uttar Pradesh: Sarsawa IAF 31, Narmadpuram 31, Guna30, Ashoknagar 30

East Madhya Pradesh: Rewa41, Sagar 35, Shahdol 30

Chhattisgarh: Koriya 39, Korba 30

Konkan: Alibag (Raigad) 31, Palghar 30

Madhya Maharashtra: Sangola (Solapur) 35, Kurvande (Pune) 28,

Marathawada: Parbhani 28,

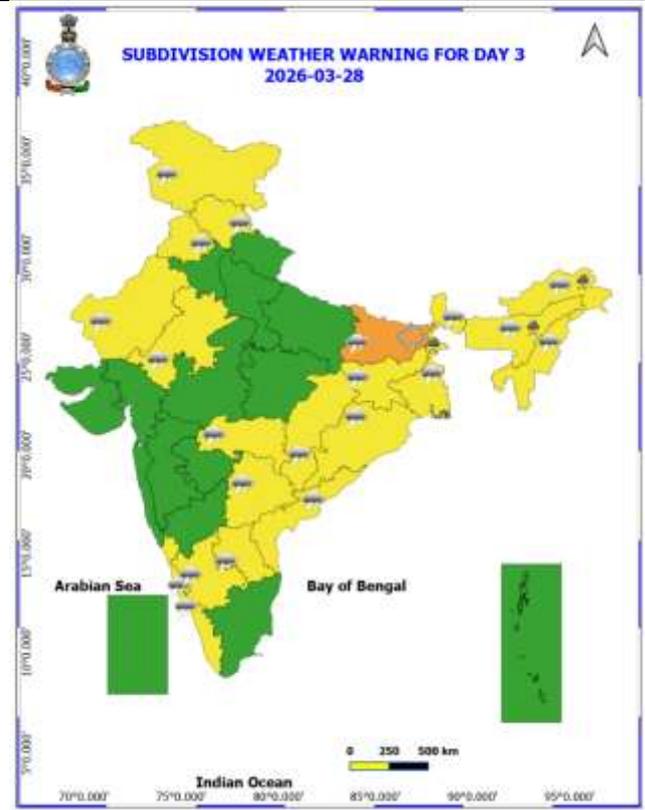
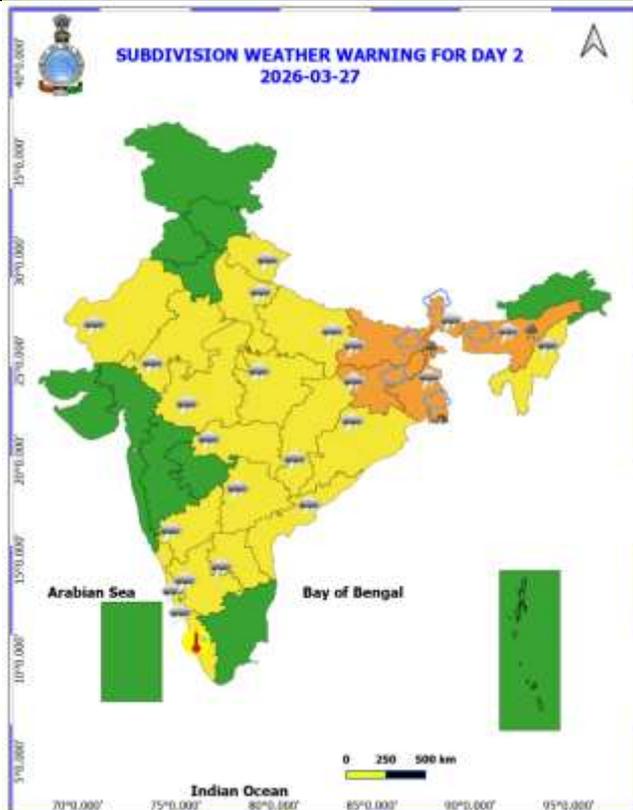
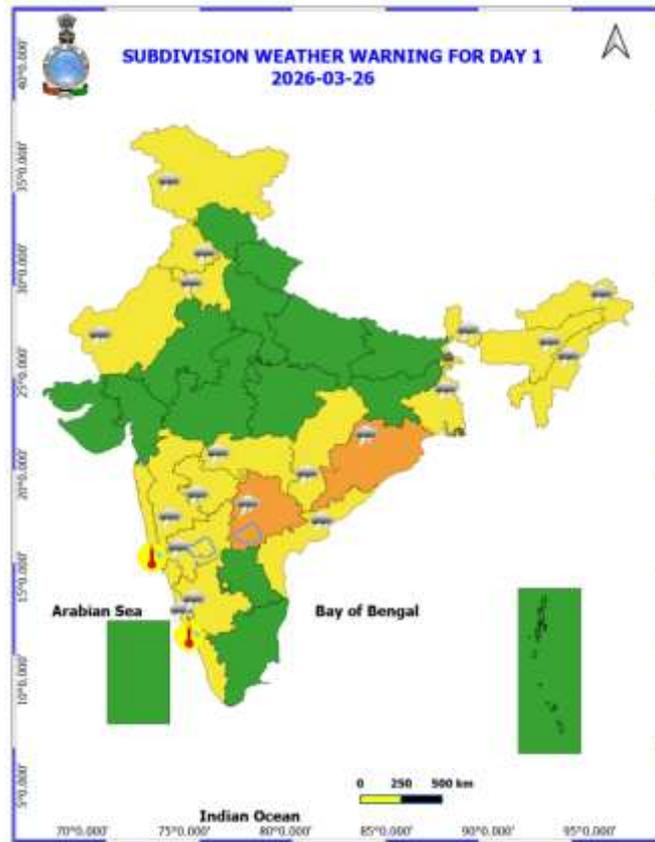
Gujarat Region: Dahod 24

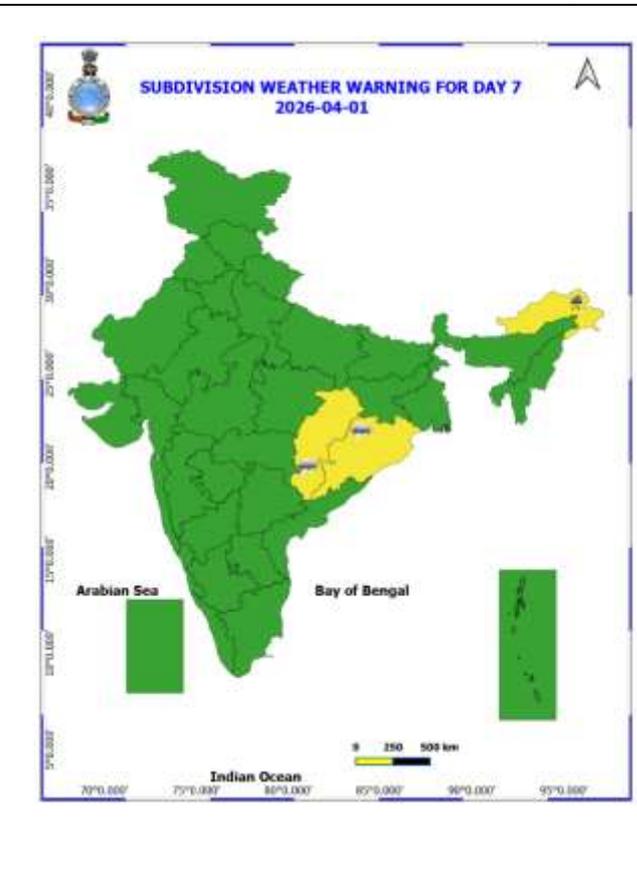
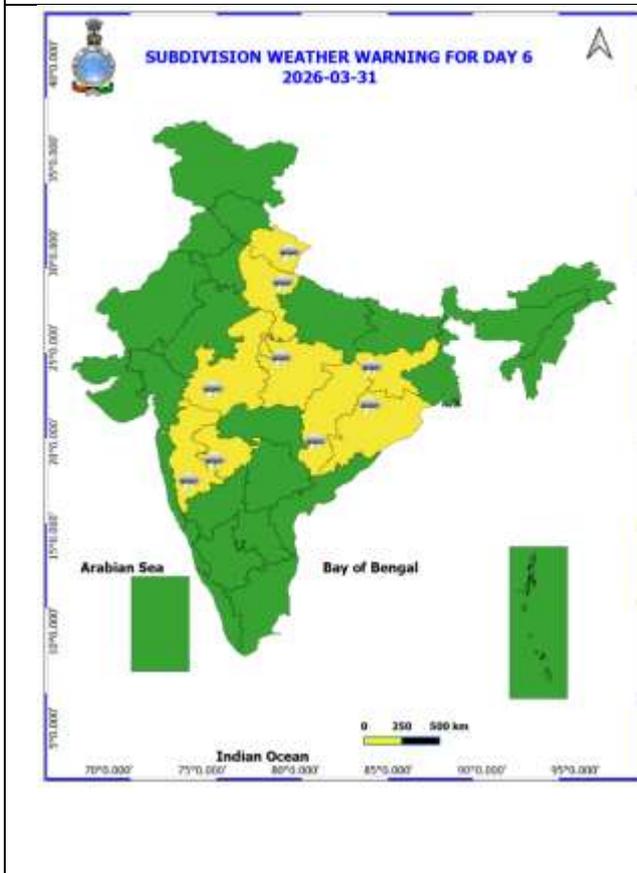
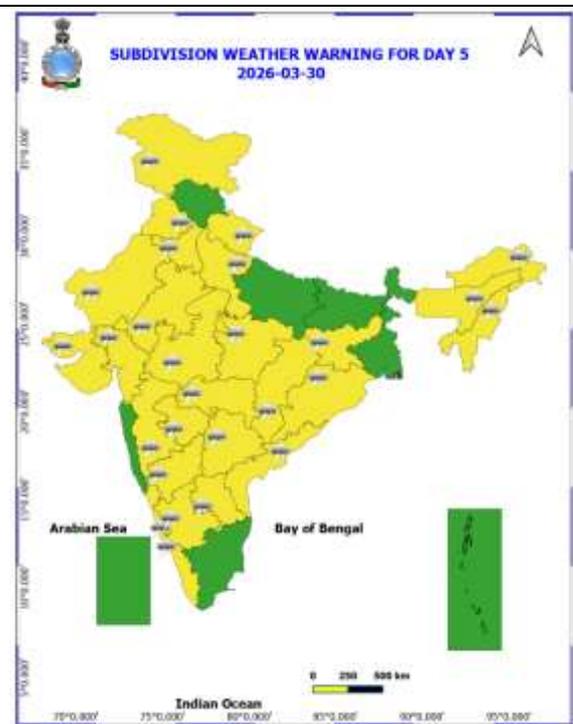
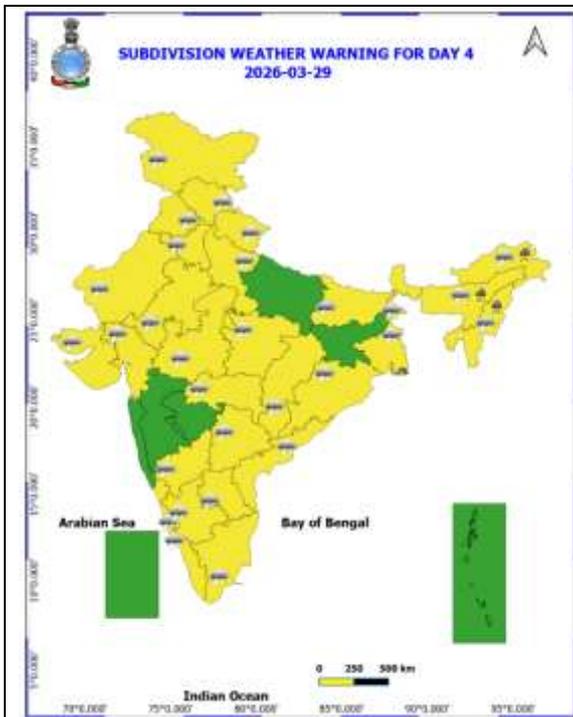
Saurashtra & Kutch: Khavda (Kutch) 37

ANNEXURE I

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

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

Weather forecast over Delhi/NCR during 26th to 29th March 2026**Past Weather:**

There has been rise in minimum temperatures up to 2 - 3°C and rise in maximum temperatures up to 1 - 2°C during past 24 hours over Delhi. The maximum temperatures were in the range of 32-34°C and the minimum temperatures are in the range 18-20°C respectively during past 24 hours over Delhi. The minimum temperatures are appreciably above normal (3.1°C to 5.0°C) at isolated places, above normal (1.6°C to 3.0°C) at a few places and normal (-1.5°C to 1.5°C) over remaining parts of Delhi. The maximum temperatures are appreciably above normal (3.1°C to 5.0°C) at isolated places, above normal (1.6°C to 3.0°C) at a few places and normal (-1.5°C to 1.5°C) over remaining parts of Delhi. Partly cloudy sky with sustained surface wind speed of 18 kmph from the west-northwest direction prevailed during the past 24 hours. Partly cloudy sky with surface winds of 12 kmph from the southwest direction is in the forenoon today.

Weather Forecast:

26.03.2026: Partly cloudy sky becoming generally cloudy sky towards evening. A spell of very light rain/drizzle accompanied with thunderstorm/lightning and gusty winds speed (20-30) gusting to 40 Kmph during evening to night. The maximum temperatures over Delhi are likely to be in the range of 33°C to 35°C. The maximum temperatures will be above normal (1.6°C to 3.0°C) at most places over Delhi. The predominant surface wind is likely to be from the northwest direction with wind speed reaching up to 20 kmph during the afternoon hours. The wind speed will decrease becoming less than 15 kmph from the northwest direction during evening and night.

27.03.2026: Generally cloudy sky. A spell of very light rain/drizzle accompanied with thunderstorm/lightning and gusty winds speed (20-30) gusting to 40 kmph during morning to forenoon. Another spell of very light rain accompanied with thunderstorm/lightning and gusty winds speed (20-30) gusting to 40 kmph during afternoon to evening. The maximum and minimum temperatures over Delhi are likely to be in the range of 29°C to 31°C and 19°C to 21°C respectively. The minimum temperature will be above normal (1.6°C to 3.0°C) at most places and the maximum temperature will be near normal at most places over Delhi. The predominant surface wind is likely to be from west direction with wind speed reaching up to 10 kmph during the morning hours. The wind speed will increase becoming up to 20 kmph from northwest direction during the afternoon. The wind speed will decrease becoming up to 18 kmph from the northwest direction during evening and night.

28.03.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 31°C to 33°C and 16°C to 18°C respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at most places and the maximum temperature will be near normal (-1.5°C to 1.5°C) at most places over Delhi. The predominant surface wind is associated with calm wind and then reaching up to 05kmph from southeast direction during the morning. The wind speed will increase becoming up to 15 kmph from the north direction during afternoon. The wind speed will gradually decrease becoming less than 05 kmph from southeast direction during evening and night.

29.03.2026: Generally cloudy sky. A spell of very light to light rain accompanied with thunderstorm/lightning gusty winds speed 30-40 Kmph during morning hour. Another spell of very light to light rain accompanied with thunderstorm/lightning gusty winds speed 30-40 Kmph during forenoon to afternoon. The maximum and minimum temperatures over Delhi are likely to be in the ranges of 30°C to 32°C and 19°C to 21°C respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at most places and the maximum temperature will be near normal (-1.5°C to 1.5°C) at most places over Delhi. The predominant surface wind is likely to be from southeast direction with wind speed reaching up to 10 kmph during the morning hours. The wind speed will increase becoming up to 20 kmph from the west direction in the afternoon. The wind speed will gradually decrease becoming up to 10 kmph from the east direction during evening and night.

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

- Be cautious and take precautionary measures, though there is the likelihood of thunderstorms/lightning and gusty winds (speed 30 - 40 kmph) temporarily reaching 50 kmph during thunderstorms 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 expected and action suggested due to isolated thunderstorm with lightning/squally winds & Hailstorm over

- ❖ **Isolated hailstorm activity with Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Assam & Meghalaya on 27th March.
- ❖ **Hailstorm** at isolated places likely over Bihar and Sub-Himalayan West Bengal & Sikkim on 27th-28th; Gangetic West Bengal and Jharkhand on 27th, North Interior Karnataka and Telangana on 26th March.

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 rainfall over

- ❖ **Isolated heavy rainfall** likely over Assam & Meghalaya during 27th – 29th; Arunachal Pradesh on 28th, 29th March & 01st April and Nagaland, Manipur, Mizoram & Tripura on 29th; Sub-Himalayan West Bengal & Sikkim during 26th -28th March.

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.

Agromet advisories for likely impact of Hailstorms

- Use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage in **North Interior Karnataka, Telangana, Assam & Meghalaya, West Bengal, Bihar and Jharkhand.**
- Undertake harvesting of mature crops immediately and shift them to safer places.

Agromet advisories for likely impact of Heavy Rainfall

- In **Sub Himalayan West Bengal**, ensure proper drainage channel, and drain out excess water from fields of rice, maize, other standing crops, vegetables and orchard. Cover the nursery of cucurbits and Dalle khorsani with polyethylene sheets or agro-nets.
- In **Arunachal Pradesh**, undertake harvesting of cabbage, pea, mustard and late-maturing paddy varieties and digging of potatoes. Shift the harvested produce to safe places. Maintain proper drainage channels in the fields of rice, maize, other standing crops, vegetables and orchards.
- In **Assam**, drain out excess rainwater from the standing crop fields.
- In **Meghalaya**, ensure proper drainage in summer vegetable crops. Carry out staking and propping of plantation crops and protect young seedlings from heavy rainfall. Keep the harvested pods of garden peas in safer place immediately.

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 properly and cover them to minimise the risk of displacement due to 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.

Agromet advisories for likely impact of Hot and Humid Weather

- In Konkan Region of **Maharashtra**, provide 100 litre water/tree at weekly or 150 to 200 litre water/ tree at 15 days interval to minimize pre-mature fruit drop and sun scorching in mango and poor fruit set and reduced nut size in cashew orchards. Use straw mulch to prevent moisture loss from the soil. Undertake pre-harvest bagging of fruits with newspaper bags to protect the mango fruits from sunscald

Livestock / Poultry

- Keep the animals inside the shed during Heavy Rainfall/Hailstorm period and provide them balanced feed. Store feed and fodder in a safe place to prevent spoilage.

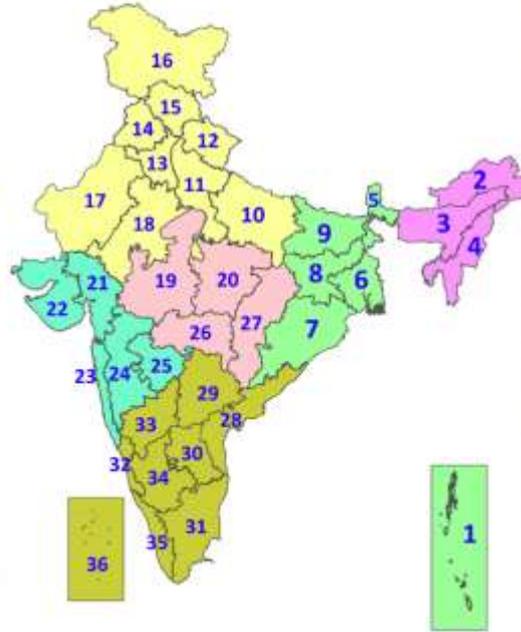
Legends & abbreviations:

- ❖ **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, 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

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

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