Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 17th October 2026
Time of Issue:1250 hours IST

Subject: The Wet spell with heavy falls is likely to continue over south peninsular India till 23rd October, 2026. Isolated very heavy to very rainfall also likely over Tamil Nadu on 17th & 20th; Coastal Andhra Pradesh, Rayalaseema, South Interior & Coastal Karnataka and Kerala on 17th October, 2026.

Realized weather during past 24 hours ending at 0830 hours IST of today, the 17th October, 2026:

- **Very Heavy rainfall (12-20 cm)** has been recorded over Goa, Tamil Nadu and Keralam.
- **Heavy rainfall (7-11 cm)** has been recorded over Coastal Andhra Pradesh, Rayalaseema, Coastal & South Interior Karnataka.

Weather Systems, Forecast and Warnings (Annexure I & II):

- The **Western Disturbance** as a cyclonic circulation lay over north Haryana & neighbourhood in lower tropospheric levels.
- An **upper air cyclonic circulation** over lay over southeast Rajasthan and adjoining south Madhya Pradesh in lower tropospheric level.
- An **upper air cyclonic circulation** lay over northwest Uttar Pradesh & neighbourhood in lower tropospheric level.
- An **upper air cyclonic circulation** lay over north Tamil Nadu and adjoining south Coastal Andhra Pradesh in middle tropospheric levels.
- An **upper air cyclonic circulation** lay over northern parts of Lakshadweep & neighbourhood in lower & middle tropospheric levels.
- A **trough** runs from upper air cyclonic circulation over northern parts of Lakshadweep to Southwest Bay of Bengal in lower tropospheric levels.
- A **trough** runs from Eastcentral Arabian sea off Karnataka coasts to Comorian area in lower tropospheric levels.

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

South Peninsular India:

- **Fairly Widespread to Widespread** rainfall likely over Coastal Karnataka, Kerala & Mahe, Lakshadweep, South Interior Karnataka and Tamil Nadu, Puducherry & Karaikal during 17th-23rd October; Coastal Andhra Pradesh & Yanam and Rayalaseema during 17th-18th October.
- **Isolated to Scattered** rainfall likely over North Interior Karnataka and Telangana during 17th-23rd October; Coastal Andhra Pradesh & Yanam and Rayalaseema during 19th-23rd October.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Kerala & Mahe and Lakshadweep on 17th October; Coastal Andhra Pradesh & Yanam and Rayalaseema during 17th-18th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over North Interior Karnataka and South Interior Karnataka during 17th-21st October; Coastal Andhra Pradesh & Yanam and Rayalaseema during 19th-21st October; Telangana during 17th-22nd October.
- Isolated **thunderstorm & lightning** likely over Tamil Nadu, Puducherry & Karaikal during 17th-23rd October; Kerala & Mahe and Lakshadweep during 18th-21st October; Coastal Karnataka during 17th-21st October.
- Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 18th-19th October and during 21st-23rd October; Kerala & Mahe and South Interior Karnataka during 18th-23rd October; Lakshadweep on 17th October and during 20th-23rd October; Coastal Karnataka during 20th-22nd October; North Interior Karnataka on 17th October; Coastal Andhra Pradesh & Yanam, Rayalaseema during 18th-21st October with isolated **very heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal on 17th October and on 20th October; Coastal Andhra Pradesh & Yanam, Rayalaseema, Coastal Karnataka, Kerala & Mahe and South Interior Karnataka on 17th October.
- Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 17th-21st October.

West India:

- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Konkan & Goa and Marathawada during 17th-19th October; Madhya Maharashtra during 17th-20th October.

Northwest, Central, East & Northeast India:

- **No significant weather likely over Northwest, Central, East & Northeast India during the week.**

Heat Wave, Hot & Humid weather and Warm Night conditions warning:

- **Hot and humid** weather conditions likely to prevail over Konkan & Goa on 17th October.

Fishermen Warning:

- **Arabian Sea**: Along & off Karnataka & Kerala coasts and over Lakshadweep area during 17th to 19th October.

Weather conditions and forecast over Delhi/NCR during next 4 days (Annexure III)
For more details, kindly refer National Weather Bulletin: https://mausam.imd.gov.in/responsive/all_india_forcast_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

Highest rainfall recorded (≥ 7 cm) (from 0830 hours IST of yesterday to 0830 hours IST of today over different Meteorological Subdivision):

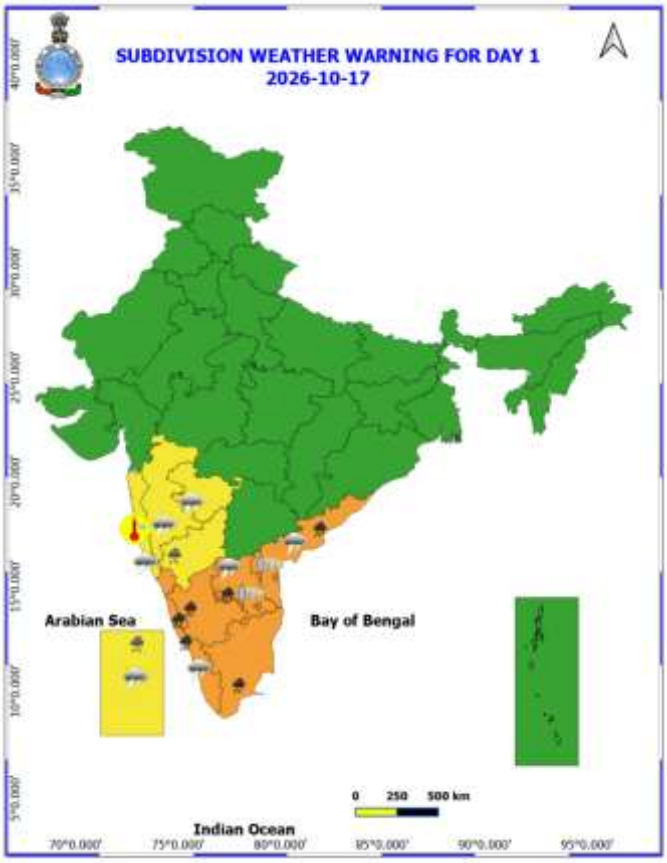
- **Keralam**: Kannur 16
- **Tamil Nadu**: Kancheepuram 15
- **Goa**: Dabolim 12
- **Coastal Karnataka**: Manki (dist Uttara Kannada) 10
- **Rayalaseema**: Chittoor 8
- **Coastal Andhra Pradesh**: Guntur 7
- **South Interior Karnataka**: Kunigal (dist Tumakuru) 7.

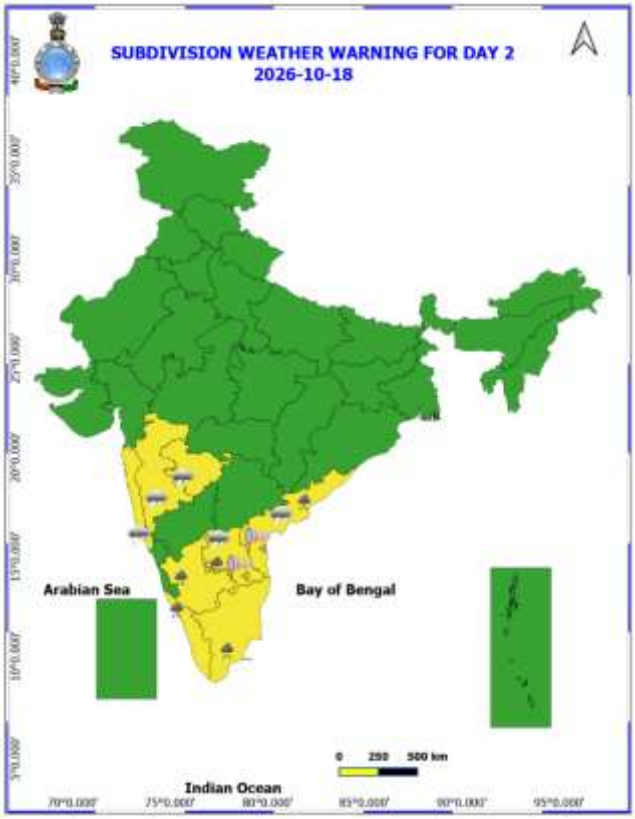
Annexure I

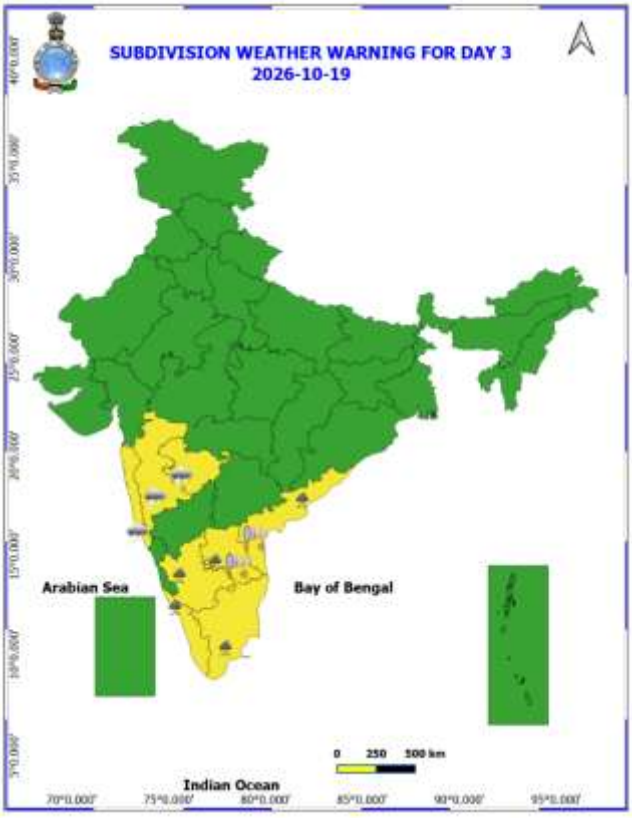
Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	17- Oct	18- Oct	19- Oct	20- Oct	21- Oct	22- Oct	23- Oct
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	SCT	SCT	SCT	SCT	SCT	SCT	SCT
2	ARUNACHAL PRADESH	ISOL	ISOL	DRY	DRY	DRY	DRY	ISOL
3	ASSAM & MEHGHALAYA	ISOL	DRY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

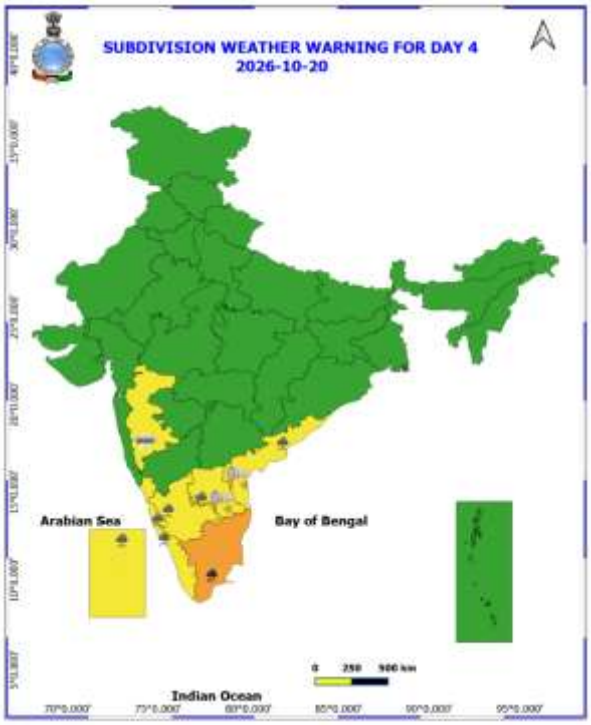
- **As the lead period increases forecast accuracy decrease.**

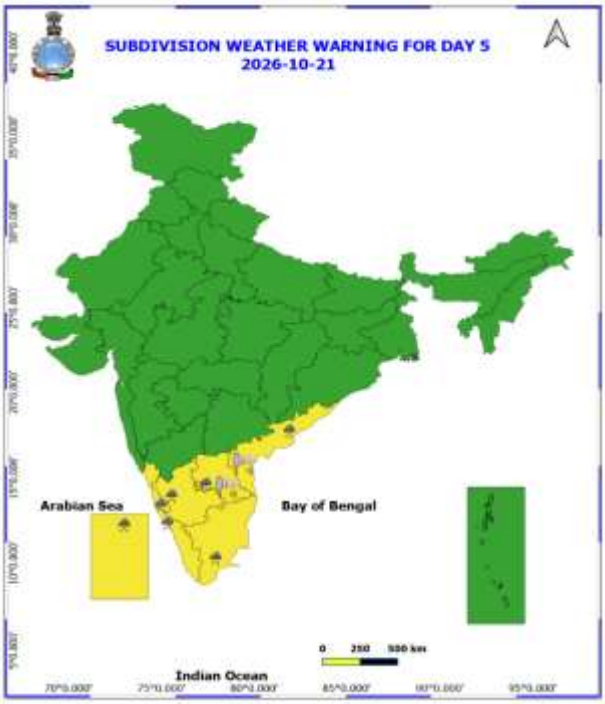
Annexure II

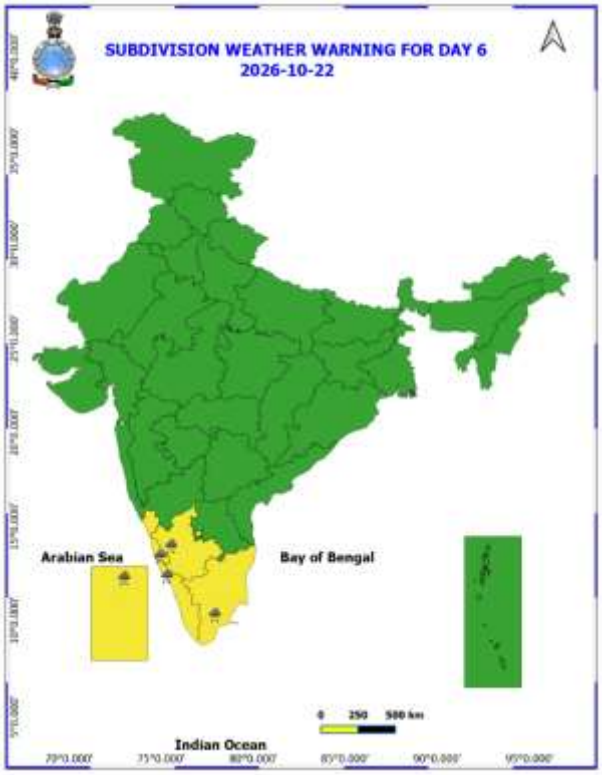

SUBDIVISION WEATHER WARNING FOR DAY 1
2026-10-17
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km

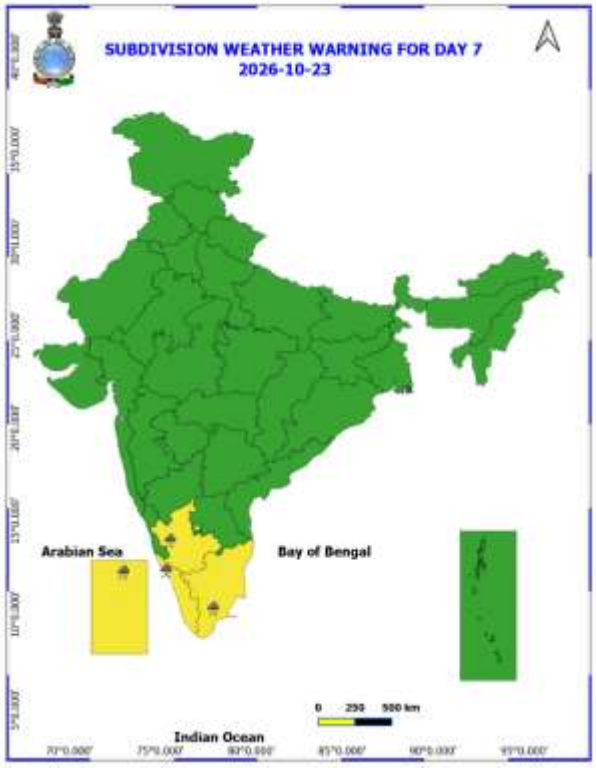

SUBDIVISION WEATHER WARNING FOR DAY 2
2026-10-18
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km


SUBDIVISION WEATHER WARNING FOR DAY 3
2026-10-19
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km









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

Annexure III

Weather forecast over Delhi/NCR during 17th -20th October 2026

Past Weather:

There has been rise in maximum temperatures by 2-4°C and rise in minimum temperatures by 1-2°C over Delhi during the past 24 hours. The maximum temperatures were in the range of 28-32°C and the minimum temperatures are in the range 19-20°C respectively during past 24 hours over Delhi. The minimum temperatures are normal (-1.5°C to 1.5°C) at most places of Delhi. The maximum temperatures were markedly below normal (-5.1°C or less) at isolated places, appreciably below normal (-3.1°C to -5.0°C) at a few places and below normal (-1.6°C to -3.0°C) over remaining part of Delhi. Partly cloudy sky with surface wind speed 18 kmph from the southeast direction prevailed over Delhi during past 24 hours. Mainly clear sky with surface wind speeds up to 10 kmph from the southwest direction likely to prevail during forenoon over the region today.

Weather Forecast:

17.10.2026: Partly cloudy sky. The maximum temperatures over Delhi are likely to be in the range of 31-33°C. The maximum temperatures will be below near normal (-1.5°C to 1.5°C) at most places over Delhi. The predominant surface wind is likely to be from the southwest direction with surface wind speed reaching up to 15 kmph during the afternoon. The surface wind speed will decrease coming up to 12 kmph from the northeast direction during evening and night hours.

18.10.2026: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 31°C to 33°C and 18°C to 20°C, respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at most places, and the maximum temperatures will be below normal (-1.6°C to -3.0°C) at most places over Delhi. The predominant surface wind is likely to be from the east direction with wind speed reaching up to 15 kmph during the morning hours. The surface wind speed will increase becoming up to 20 kmph from the northwest direction during afternoon. The surface wind speed will decrease becoming up to 12 kmph from the northwest direction during evening and night hours.

19.10.2026: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 31°C to 33°C and 18°C to 20°C, respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at most places, and the maximum temperatures 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 the northeast direction with wind speed reaching up to 12 kmph during the morning hours. The surface wind speed will increase becoming up to 20 kmph from the northwest direction during afternoon. The surface wind speed will decrease becoming up to 15 kmph from the northwest direction during evening and night hours.

20.10.2026: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 31°C to 33°C and 18°C to 20°C, respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at most places, and the maximum temperatures 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 the northwest direction with wind speed reaching up to 12 kmph during the morning hours. The surface wind speed will increase becoming up to 20 kmph from the northwest direction during afternoon. The surface wind speed will decrease becoming up to 12 kmph from north direction during evening and night hours.

Impact Expected and Action Suggested due to very heavy/ extremely heavy rainfall:

- **Isolated very heavy rainfall likely over Tamil Nadu, Puducherry & Karaikal on 17th October and on 20th October; Coastal Andhra Pradesh & Yanam, Rayalaseema, Coastal Karnataka, Kerala & Mahe and South Interior Karnataka on 17th October.**
- **Isolated heavy rainfall likely over Tamil Nadu, Puducherry & Karaikal during 18th-19th October and during 21st-23rd October; Kerala & Mahe and South Interior Karnataka during 18th-23rd October; Lakshadweep on 17th October and during 20th-23rd October; Coastal Karnataka during 20th-22nd October; North Interior Karnataka on 17th October; Coastal Andhra Pradesh & Yanam, Rayalaseema during 18th-21st October.**

Impact expected:

- Breaking of tree branches, uprooting of small trees like banana, papaya, drum sticks. Strong wind and rain may damage plantation, horticulture and standing crops.
- Partial damage to vulnerable structures due to strong winds and rain.
- Minor damage to kutcha houses/walls, huts and roads due to heavy rain.
- Loose objects may fly.
- Small ships, trawlers and boats may be affected.
- Road and rail traffic may be affected due to heavy rain and squally winds.
- There could be localised landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- Occasional reduction in visibility due to heavy rainfall.
- Helicopter services may get affected.

Action suggested:

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Take safe shelters; do not take shelter under trees, as there could be lightning.
- In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- Tourism and recreational activities to be regulated.
- Onshore and offshore activities to be judiciously regulated.
- Helicopter services to be regulated.

Agromet advisories for likely impact of Heavy Rainfall

- In **Tamil Nadu**, drain out excess rain water from rice nurseries and standing rice fields, as well as cotton, maize, groundnut and vegetable fields. Keep the harvested produce at safer places. Provide propping in banana, sugarcane and adequate support for crops like papaya and moringa to prevent from lodging.
- In **Keralam**, keep the harvested produce of rice in safe and dry places. Drain out excess rainwater from rice, banana, coconut, black pepper, ginger, turmeric and vegetable fields, with priority to low-lying and waterlogged areas.
- In **Karnataka**, maintain proper drainage in standing crop fields. Harvest mature green gram, black gram and soybean wherever conditions permit and shift the harvested produce to covered and safe places.
- In **Coastal Andhra Pradesh** and **Rayalaseema**, ensure proper drainage to drain out excess rain water from rice, maize, finger millet, groundnut, red gram, sugarcane, vegetables and fruit orchards. Keep the harvested produce of maize in a safe and dry place. Provide strong support to fruit-bearing banana plants and propping in sugarcane.

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.

Advisories for likely impact of Heavy Rainfall or Livestock / Poultry / Fisheries

- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store the 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.

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.

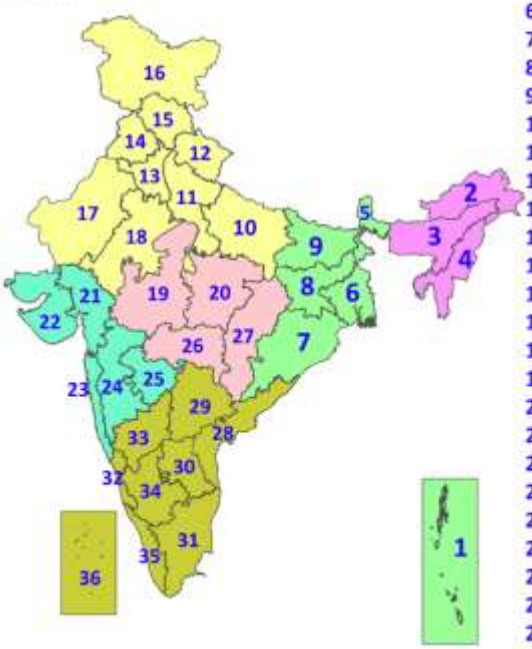
South India: Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

राष्ट्रीय मौसम पूर्वानुमान केन्द्र
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय

National Weather Forecasting Centre
India Meteorological Department
Ministry of Earth Sciences

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. आतंरिक उत्तरी कर्नाटक
34. आतंरिक 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 Rain
Very Heavy Rain
Extremely Heavy Rain
Thunder & Lightning
Hailstorm
Dust Raising Winds

Heavy Snow
Dust Storm
Heat Wave
Warm Night
Hot Day
Hot & Humid
Strong Surface Winds

Cold Wave
Cold Day
Ground Frost

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)

राष्ट्रीय मौसम पूर्वानुमान केन्द्र
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय

National Weather Forecasting Centre
India Meteorological Department
Ministry of Earth Sciences

DEFINITION/CRITERIA

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

* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".
Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.
For more details, kindly visit https://mausam.imd.gov.in or contact: 011-2434-4599
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