राष्ट्रीय मौसम पूर्वानुमान केन्द्र
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय

National Weather Forecasting Centre
India Meteorological Department
Ministry of Earth Sciences

2026-10-28
Time of Issue: 14:26:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Systems and Warnings:

- The **very severe cyclonic storm "Arnab"** over Westcentral Bay of Bengal off Andhra Pradesh coast moved slowly northwestwards, crossed Andhra Pradesh & Yanam coasts between Bapatla and Visakhapatnam to the Southwest of Yanam near latitude 16.45^{0}N and 81.9^{0}E, about 20 km east-northeast of Narsapur, 40 km southwest of Yanam and 60 km southwest of Kakinada during 0200 - 0800 hours IST of today, the 28th October, 2026 as a **very severe cyclonic storm** with the maximum sustained wind speed of 125-135 kmph gusting to 150 kmph. Latest observations indicate that the landfall process completed with the central region moving completely into land by 0800 hrs IST. Continuing to move further northwestwards, it lay centered at 0830 hrs IST of today, the 28th October, 2026 over Coastal Andhra Pradesh & Yanam and adjoining Westcentral Bay of Bengal, near latitude 16.5°N and longitude 81.9°E, about 20 km east-northeast of Narsapur (Andhra Pradesh), 40 km southwest of Yanam (Puducherry UT), 60 km southwest of Kakinada (Andhra Pradesh), 90 km east-northeast of Machilipatnam (Andhra Pradesh), 120 km east of Gannavaram (Andhra Pradesh) and 120 km southwest of Tuni. It is very likely to move north-northwestwards during next 48 hours and weaken gradually. It will weaken into **a Cyclonic Storm** during next 06 hours and further into a **Deep Depression** during subsequent 06 hours.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 28th October-3rd November; Kerala & Mahe during 28th October-1st November; Lakshadweep during 2nd-3rd November; Coastal Karnataka during 1st-3rd November; North Interior Karnataka and South Interior Karnataka during 31st October-3rd November; Coastal Andhra Pradesh & Yanam during 30th October-3rd November; Telangana during 29th October-3rd November.
- **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe during 2nd-3rd November; Coastal Andhra Pradesh & Yanam during 28th-29th October; Telangana on 28th October.
- Isolated thunderstorm, lightning & gusty winds (speed reaching 80-90 kmph) likely over Coastal Andhra Pradesh & Yanam on 28th October, with gusty winds (speed reaching 40-50 kmph gusting to 60 kmph) likely over Coastal Andhra Pradesh & Yanam on 29th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Coastal Andhra Pradesh & Yanam during 30th October-1st November; Rayalaseema during 28th October-1st November; Telangana during 29th-30th October.
- Isolated **thunderstorm & lightning** likely over Kerala & Mahe on 28th October.
- Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal on 3rd November; Kerala & Mahe during 2nd-3rd November; Coastal Andhra Pradesh & Yanam on 29th October and during 1st-3rd November with isolated **very heavy rainfall** also likely over Telangana on 28th October.
- Isolated **extremely heavy rainfall** likely over Coastal Andhra Pradesh & Yanam on 28th October.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Telangana on 28th October.
- Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 28th October-1st November.

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands during 28th-31st October; Sub-Himalayan West Bengal & Sikkim during 29th-30th October; Gangetic West Bengal and Jharkhand during 28th-30th October; Bihar during 29th-31st October; Odisha during 28th-29th October.
- **Isolated to Scattered** rainfall likely over Andaman & Nicobar Islands during 1st-3rd November; Sub-Himalayan West Bengal & Sikkim on 28th October and during 31st October-3rd November; Gangetic West Bengal and Jharkhand during 31st October-3rd November; Bihar on 28th October and during 1st-3rd November; Odisha during 30th October-3rd November.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely

over Andaman & Nicobar Islands during 28th-30th October; Gangetic West Bengal during 28th-29th October; Bihar during 28th-31st October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Andaman & Nicobar Islands on 31st October; Sub-Himalayan West Bengal & Sikkim during 28th-31st October; Gangetic West Bengal and Jharkhand on 30th October.

- Isolated **heavy rainfall** likely over Andaman & Nicobar Islands during 28th-30th October; Sub-Himalayan West Bengal & Sikkim during 29th-30th October; Gangetic West Bengal during 28th-29th October; Jharkhand on 28th October; Odisha during 1st-2nd November with isolated **very heavy rainfall** also likely over Jharkhand and Odisha on 29th October; Bihar during 29th-30th October.
- Isolated **extremely heavy rainfall** likely over Odisha on 28th October.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Jharkhand during 28th-29th October.

Central India:

- **Fairly Widespread to Widespread** rainfall likely over East Madhya Pradesh during 28th-29th October; Vidarbha on 28th October; Chhattisgarh during 28th-30th October and during 2nd-3rd November.
- **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 28th October-3rd November; East Madhya Pradesh during 30th October-3rd November; Vidarbha during 29th October-1st November; Chhattisgarh during 31st October-1st November.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over East Madhya Pradesh during 28th-29th October; Vidarbha on 28th October; Chhattisgarh on 29th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over West Madhya Pradesh during 28th-30th October; East Madhya Pradesh on 30th October; Vidarbha on 29th October.
- Isolated **heavy rainfall** likely over East Madhya Pradesh on 28th October; with isolated **very heavy rainfall** also likely over East Madhya Pradesh Chhattisgarh on 29th October; Vidarbha on 28th October.
- Isolated **extremely heavy rainfall** likely over Chhattisgarh on 28th October.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Chhattisgarh on 28th October.

Northwest India:

- **Fairly Widespread to Widespread** rainfall likely over East Uttar Pradesh and Haryana Chandigarh & Delhi during 29th-30th October.
- **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 29th-30th October; Himachal Pradesh during 29th October-2nd November; Uttarakhand during 28th October-2nd November.
- **Isolated to Scattered** rainfall likely over Punjab during 28th-31st October; Haryana Chandigarh & Delhi on 28th October and on 31st October; East Rajasthan and West Uttar Pradesh during 29th-31st October; East Uttar Pradesh on 28th October and during 31st October-2nd November; West Rajasthan during 29th-30th October.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 29th October; Uttarakhand during 29th-30th October.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Haryana Chandigarh & Delhi on 28th October and on 31st October; East Rajasthan, East Uttar Pradesh and West Uttar Pradesh during 29th-30th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over East Uttar Pradesh on 28th October; West Rajasthan during 29th-30th October.
- Isolated **thunderstorm & lightning** likely over Himachal Pradesh during 29th-30th October; Uttarakhand on 31st October.
- Isolated **heavy rainfall** likely over East Uttar Pradesh on 30th October with isolated **very heavy rainfall** also likely over East Uttar Pradesh on 29th October.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Haryana Chandigarh & Delhi and Punjab during 29th-30th October.
- Isolated **Hailstorm** activity likely over Haryana Chandigarh & Delhi and Punjab during 29th-30th October; East Rajasthan on 29th October.

Northeast India:

- **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 29th October-2nd November; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 28th October-3rd November.
- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh on 3rd November.
- Isolated **thunderstorm & lightning** likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 28th-29th October.
- Isolated **heavy rainfall** likely over Arunachal Pradesh during 2nd-3rd November; Assam & Meghalaya on 28th October and during 2nd-3rd November; Nagaland, Manipur, Mizoram & Tripura on 28th October.

West India:

- **Isolated to Scattered** rainfall likely over Konkan & Goa and Marathawada during 28th-30th October; Madhya Maharashtra during 28th-31st October; Gujarat Region during 29th-31st October; Saurashtra & Kutch during 30th-31st October.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Konkan & Goa on 29th October; Madhya Maharashtra during 28th-30th October.

Wind warning:

- **Westcentral Bay of Bengal and along & off Andhra Pradesh & Yanam (Puducherry) coasts:** Gale wind speed reaching 110-120 gusting to 130 kmph is prevailing, it will decrease becoming gale wind speed reaching 70-80 gusting to 90 kmph by evening of today, the 28th October and squally wind speed reaching 50-60 gusting to 70 kmph by night of 28th October and decrease gradually thereafter.
- **Districts of Coastal Andhra Pradesh & Yanam (Anakapalli, Vishakhapatnam, Kakinada, East Godavari, West Godavari, Konaseema, Krishna, Bapatla):** Gale wind speed reaching 110-120 kmph gusting to 130 kmph is prevailing. It would decrease becoming becoming 70-80 gusting to 90 kmph by evening, of 28th October, squally wind speed reaching 50-60 gusting to 70 kmph by night of 28th October and decrease gradually thereafter.
- **Along & off adjoining South Odisha coast:** Squally weather with wind speed reaching 40-50 gusting to 60 kmph to prevail till 28th October evening and decrease gradually thereafter.
- **Adjoining Southwest Bay of Bengal and along & off North Tamil Nadu coast:** Squally weather with wind speed reaching 40-50 gusting to 60 kmph is very likely to prevail till 28th October afternoon and decrease gradually thereafter.
- **Adjoining Northwest Bay of Bengal and along & off West Bengal Coast**: Squally weather with wind speed reaching 40-50 gusting to 60 kmph is very likely to prevail on 28th and 29th October and decrease gradually thereafter.
- **Districts of south Odisha, south Chhattisgarh and northeast Telangana**: Squally wind speed reaching 40-50 gusting to 60 kmph is prevailing, becoming gale wind speed reaching 60-70 kmph gusting to 80 kmph from forenoon of 28th October, over extreme southern districts of South Odisha (Ganjam, Gajapati, Nabarangpur, Rayagada, Koraput and Malkangiri), Chhattisgarh (Sukuma, Dantewada, Bijapur, and Bastar) & and adjoining districts of northeast Telangana (Khamam, Bhadradri Kothagudem, Mulugu**,** and Mahabubabad) till 28th night and becoming squally wind speed reaching 50-60 gusting to 70 kmph thereafter till morning of 29th October and decrease gradually thereafter.

Sea condition:

- **Westcentral Bay of Bengal Along & off Andhra Pradesh & Yanam (Puducherry) coasts:** Sea condition is very likely to be very high to high and would improve gradually becoming very rough to rough by night of 28th October. It would improve gradually thereafter.
- **Along & off adjoining South Odisha coast:** Sea condition is likely to be Rough to Very Rough along & off adjoining areas of South Odisha coast till 28th October evening and improve thereafter.
- **Adjoining Southwest Bay of Bengal and along & off North Tamil Nadu coast:** Sea condition is likely to be Rough to Very Rough over adjoining areas of southwest Bay of Bengal and along & off North Tamil Nadu coast till 28th October noon and improve thereafter.
- **Adjoining Northwest Bay of Bengal and along & off West Bengal Coast**: Sea condition is likely to be

Rough to Very Rough over Northwest Bay of Bengal and along & off West Bengal Coast on 28th and 29th October and improve gradually thereafter.

Storm Surge Warning:

- The storm surge of about 1.0 m height above astronomical tide is very likely to inundate low lying areas of Andhra Pradesh during next 3 hours and 0.5 to 1.0 m during subsequent 06 hours.

Fisherman warning:

- Fishermen are advised not to venture into
- Westcentral Bay of Bengal, along & off Andhra Pradesh-Odisha coasts on 28th October;
- Northwest Bay of Bengal and along and off West Bengal Coast on 28th and 29th October;
- Southwest Bay of Bengal and along and off North Tamil Nadu-Puducherry coasts till 28th October

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at most places** over Coastal Andhra Pradesh & Yanam; **at many places** over Andaman & Nicobar Islands and Gangetic West Bengal; **at isolated places** over Jharkhand, East Uttar Pradesh, Chhattisgarh, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Coastal Andhra Pradesh & Yanam**: Garividi (dist Vizianagaram) 26; Srungavarapukota (dist Vizianagaram), Vepada (dist Vizianagaram), Cheepurupalle (dist Vizianagaram), Anakapalle (dist Anakapalli) 25 Each; Yelamanchili (dist Anakapalli), Bheemunipatnam (dist Vishakhapatnam), Mentada (dist Vizianagaram) 24 Each; Ranastalam (dist Srikakulam), Gantyada (dist Vizianagaram) 23 Each; Nellimarla (dist Vizianagaram), Gajapathinagaram (dist Vizianagaram), Visakhapatnam AP (dist Vishakhapatnam), Visakhapatnam (dist Vishakhapatnam) 22 Each; Chodavaram (dist Anakapalli), Bondapalle (dist Vizianagaram), Merakamudidam (dist Vizianagaram), Vizianagaram (dist Vizianagaram) 21 Each; Denkada (dist Vizianagaram) 20; Bobbili (dist Vizianagaram), Therlam (dist Vizianagaram), Masulipatnam Cdr (dist Krishna) 17 Each; Pathapatnam (dist Srikakulam), Kalingapatnam (dist Srikakulam), Mandasa (dist Srikakulam), Balajipeta (dist Parvathipuram Manyam), Narsipatnam (dist Anakapalli) 16 Each; Peddapuram (dist Kakinada), Palasa (dist Srikakulam), Sompeta (dist Srikakulam) 15 Each; Prathipadu (dist Kakinada), Pusapatirega (dist Vizianagaram), Tekkali (dist Srikakulam), Vararamachandrapur (dist Alluri Sitharamaraju) 14 Each; Amalapuram (dist B R Ambedkar Konaseema) 13; Seethanagaram (dist Parvathipuram Manyam), Salur (dist Parvathipuram Manyam), Chintur (dist Alluri Sitharamaraju), Tuni (dist Kakinada), Kakinada (dist Kakinada) 12 Each; Araku Valley (dist Alluri Sitharamaraju), Paderu (dist Alluri Sitharamaraju), Yanam (dist Yanam), Palakonda (dist Parvathipuram Manyam) 11 Each; Parvathipuram (dist Parvathipuram Manyam) 9; Garugubilli (dist Parvathipuram Manyam), Kunavaram (dist Alluri Sitharamaraju), Santhamaguluru (dist Bapatla), Ichchapuram (dist Srikakulam), Kurupam (dist Parvathipuram Manyam), Komarada (dist Parvathipuram Manyam) 8 Each; Mangalagiri (dist Guntur), Repalle (dist Bapatla), Tenali (dist Guntur), Jiyyamma Valasa (dist Parvathipuram Manyam), Veeraghattam (dist Parvathipuram Manyam), Amaravati (dist Guntur) 7 Each; Koyyalagudem (dist Eluru), Tadepalligudem (dist West Godavari), Gudivada (dist Krishna), Velairpad (dist Eluru) 6 Each.

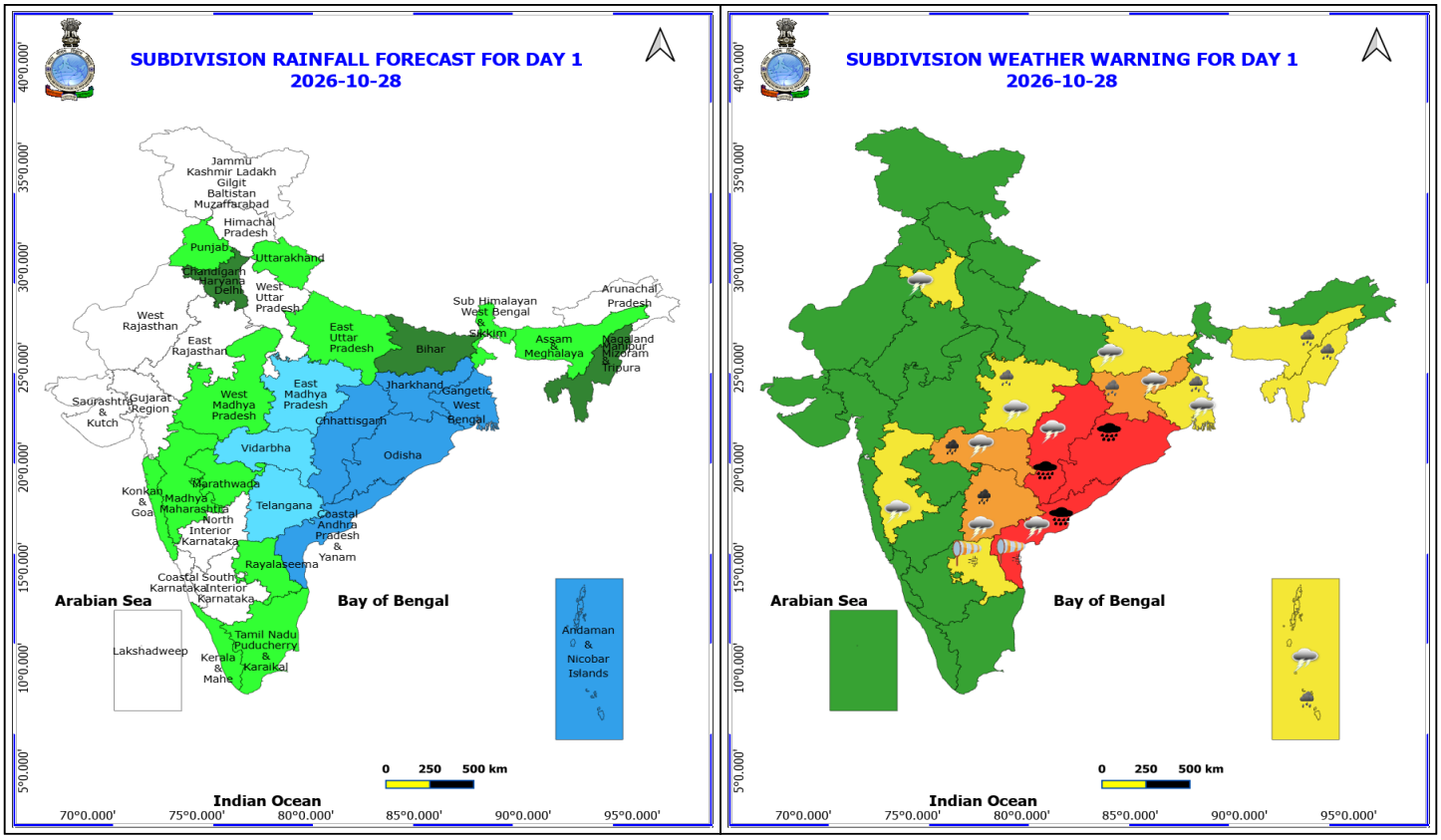
❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today):**Extremely heavy rain** at isolated places over Coastal Andhra Pradesh & Yanam. **Heavy to very heavy rain** at isolated places over Coastal Andhra Pradesh & Yanam.

❖ **Minimum Temperature Departures (as on 28-10-2026): markedly above normal(> 5.1°C)** at few places over Vidarbha; at isolated places over Assam & Meghalaya, Odisha, West Madhya Pradesh, East Madhya Pradesh and Marathwada. **appreciably above normal(3.1°C to 5.0°C)** at most places over Nagaland, Manipur, Mizoram & Tripura; at few places over Sub Himalayan West Bengal & Sikkim, Jharkhand, East Uttar Pradesh, Gujarat Region, Chhattisgarh, Telangana and North Interior Karnataka; at isolated places over Gangetic West Bengal, Bihar, Saurashtra & Kutch, Konkan & Goa and Madhya Maharashtra. **above normal(1.6°C to 3.0°C)** at many places over West Rajasthan; at most places over Lakshadweep; at few places over Andaman & Nicobar Islands, Uttarakhand, Himachal Pradesh and Tamil Nadu, Puducherry & Karaikal; at isolated places over West Uttar Pradesh, East Rajasthan and Coastal Andhra Pradesh & Yanam. **near normal(-1.5°C to 1.5°C)** at many places over Rayalaseema and South Interior Karnataka; at most places over Arunachal Pradesh, Haryana-Chandigarh-Delhi, Punjab, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and Kerala & Mahe; at few places over Coastal Karnataka. **The lowest minimum temperature** of 10.5°C was reported at MANDI (HIMACHAL PRADESH) over the Plains of India.

❖ **Maximum Temperature Departures (as on 27-10-2026): above normal(1.6°C to 3.0°C)** at most places over Konkan & Goa. **near normal(-1.5°C to 1.5°C)** at most places over Himachal Pradesh; at few places over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe; at isolated places over Coastal Andhra Pradesh & Yanam. **The highest maximum temperature** of 37.8°C was reported at BARMER (RAJASTHAN).

Meteorological Analysis (Based on 0830 hours IST)

- The **very severe cyclonic storm "Arnab"** over Westcentral Bay of Bengal off Andhra Pradesh coast moved slowly northwestwards, crossed Andhra Pradesh & Yanam coasts between Bapatla and Visakhapatnam to the Southwest of Yanam near latitude 16.450N and 81.90E, about 20 km east-northeast of Narsapur, 40 km southwest of Yanam and 60 km southwest of Kakinada during 0200 - 0800 hours IST of today, the 28th October, 2026 as a **very severe cyclonic storm** with the maximum sustained wind speed of 125-135 kmph gusting to 150 kmph. Latest observations indicate that the landfall process completed with the central region moving completely into land by 0800 hrs IST. Continuing to move further northwestwards, it lay centered at 0830 hrs IST of today, the 28th October, 2026 over Coastal Andhra Pradesh & Yanam and adjoining Westcentral Bay of Bengal, near latitude 16.5°N and longitude 81.9°E, about 20 km east-nortrheast of Narsapur (Andhra Pradesh), 40 km southwest of Yanam (Puducherry UT), 60 km southwest of Kakinada (Andhra Pradesh), 90 km east-northeast of Machilipatnam (Andhra Pradesh), 120 km east of Gannavaram (Andhra Pradesh) and 120 km southwest of Tuni. It is very likely to move north-northwestwards during next 48 hours and weaken gradually. It will weaken into **a Cyclonic Storm** during next 06 hours and further into a **Deep Depression** during subsequent 06 hours.
- The **upper air cyclonic circulation** over south Andaman Sea & neighbourhood extending upto 5.8 km above mean sea level persists. Under its influence, a low pressure are is likely to form over the same region during next 24 hours.
- The **cyclonic circulation** over northwest Uttar Pradesh & neighbourhood persists at1.5 km above mean sea level.
- The **Western Disturbance** now seen as a cyclonic circulation over Jammu and neighbourhood between 3.1 and 4.5 km above mean sea level.
- A fresh **Western Disturbance** seen as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 67°E to the north of Lat. 28°N.
- The **trough** from Westcentral Bay of Bengal close to Andhra Pradesh coast to cyclonic circulation associated with the very **severe cyclonic storm "Arnab"** over Westcentral Bay of Bengal off Andhra Pradesh coast upto 3.1 km above mean sea level has become less marked.
- The **upper air cyclonic circulation** over Southwest Rajasthan & neighbourhood at 1.5 km above mean sea level has become less marked.
- The **upper air cyclonic circulation** over southeast Uttar Pradesh & adjoining Bihar at 3.1 km above mean sea level has become less marked.



28 October (Day 1)

❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh and Odisha.

❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Telangana and Vidarbha.

❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, East Madhya Pradesh, Gangetic West Bengal, Jharkhand and Nagaland, Manipur, Mizoram and Tripura.

❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Chhattisgarh, Jharkhand and Telangana.

❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, East Madhya Pradesh, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Madhya Maharashtra and Vidarbha.

❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over East Uttar Pradesh, Rayalaseema, Sub Himalayan West Bengal & Sikkim and West Madhya Pradesh.

❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Assam & Meghalaya, Kerala & Mahe and Nagaland, Manipur, Mizoram and Tripura.

❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh.

❖ **Westcentral Bay of Bengal and along & off Andhra Pradesh & Yanam (Puducherry) coasts:** Gale wind speed reaching 110-120 gusting to 130 kmph is prevailing, it will decrease becoming gale wind speed reaching 70-80 gusting to 90 kmph by evening of today, the 28th October and squally wind speed reaching 50-60 gusting to 70 kmph

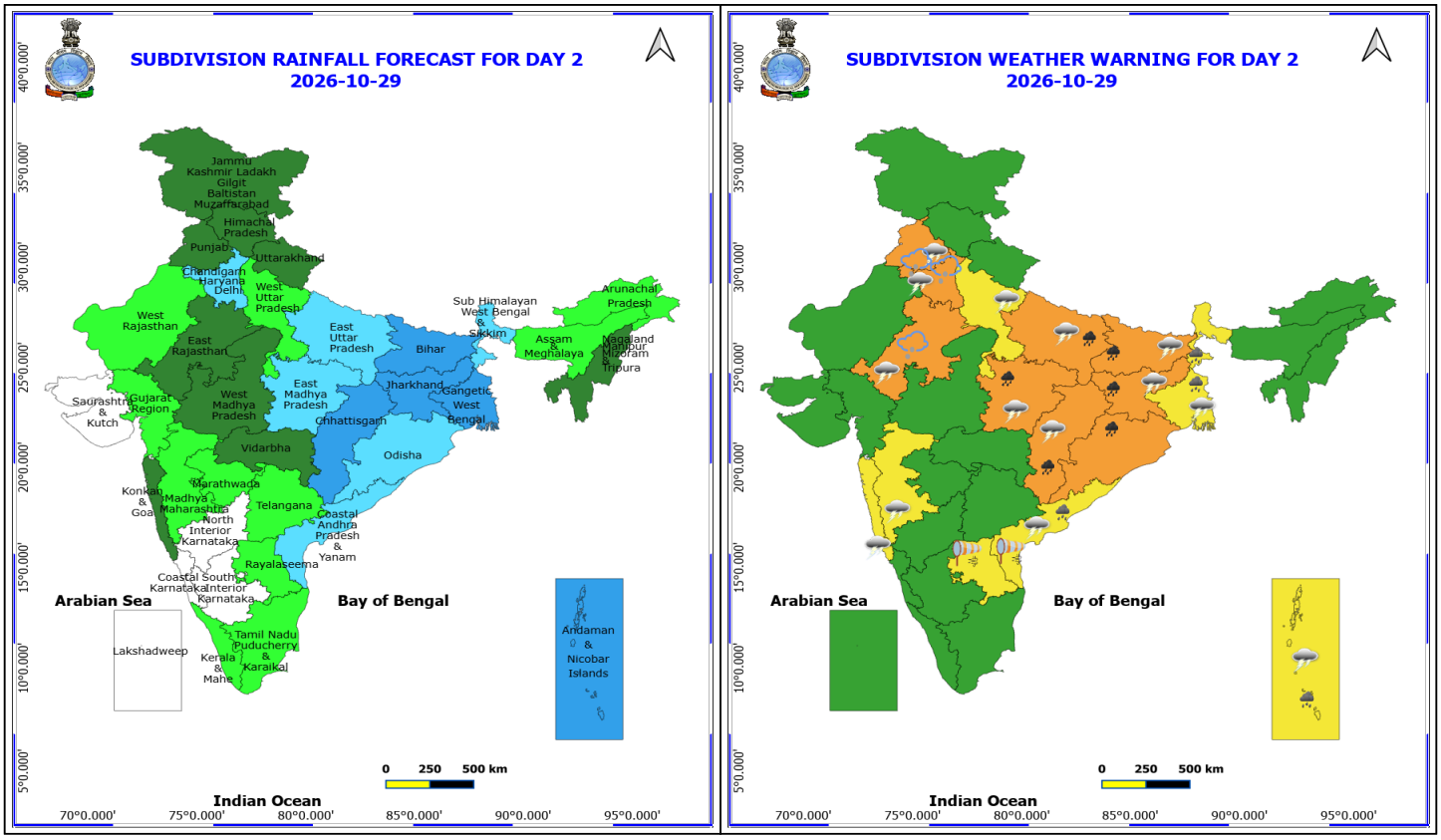
by night of 28th October and decrease gradually thereafter.

❖ **Districts of Coastal Andhra Pradesh & Yanam (Anakapalli, Vishakhapatnam, Kakinada, East Godavari, West Godavari, Konaseema, Krishna, Bapatla):** Gale wind speed reaching 110-120 kmph gusting to 130 kmph is prevailing. It would decrease becoming becoming 70-80 gusting to 90 kmph by evening, of 28th October, squally wind speed reaching 50-60 gusting to 70 kmph by night of 28th October and decrease gradually thereafter.

❖ **Along & off adjoining South Odisha coast:** Squally weather with wind speed reaching 40-50 gusting to 60 kmph to prevail till 28th October evening and decrease gradually thereafter.

❖ **Adjoining Southwest Bay of Bengal and along & off North Tamil Nadu coast:** Squally weather with wind speed reaching 40-50 gusting to 60 kmph is very likely to prevail till 28th October afternoon and decrease gradually thereafter.

❖ **Adjoining Northwest Bay of Bengal and along & off West Bengal Coast**: Squally weather with wind speed reaching 40-50 gusting to 60 kmph is very likely to prevail on 28th October.



29 October (Day 2)

❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Bihar, Chhattisgarh, East Madhya Pradesh, East Uttar Pradesh, Jharkhand and Odisha.

❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Coastal Andhra Pradesh and West Bengal & Sikkim.

❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over East Rajasthan, Haryana, Chandigarh & Delhi and Punjab.

❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Haryana, Chandigarh & Delhi, Jharkhand and Punjab.

❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, East Rajasthan, Gangetic West Bengal, Konkan & Goa, Madhya Maharashtra and Uttar Pradesh.

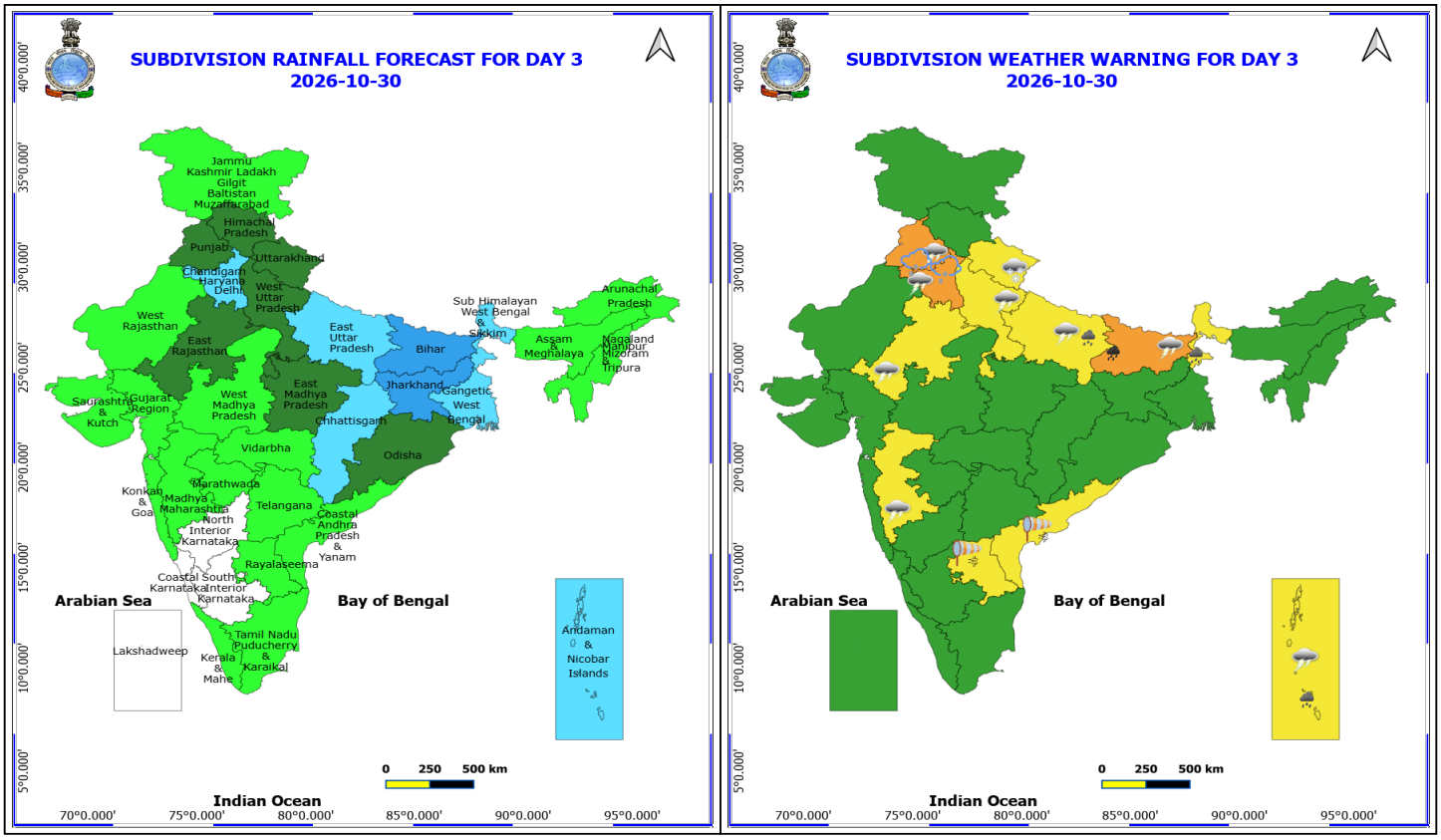
❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Rayalaseema, Sub Himalayan West Bengal & Sikkim, Telangana, Uttarakhand, Vidarbha, West Madhya Pradesh and West Rajasthan.

❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Assam & Meghalaya, Himachal Pradesh and Nagaland, Manipur, Mizoram and Tripura.

❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh.

❖ **Adjoining Northwest Bay of Bengal and along & off West Bengal Coast**: Squally weather with wind speed

reaching 40-50 gusting to 60 kmph is very likely to prevail on 29th October and decrease gradually thereafter.



30 October (Day 3)

❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Bihar.

❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, East Uttar Pradesh and Sub Himalayan West Bengal & Sikkim.

❖ **Heavy Snowfall** very likely at isolated places over Uttarakhand.

❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over Haryana, Chandigarh & Delhi and Punjab.

❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Haryana, Chandigarh & Delhi and Punjab.

❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, East Rajasthan, Madhya Maharashtra and Uttar Pradesh.

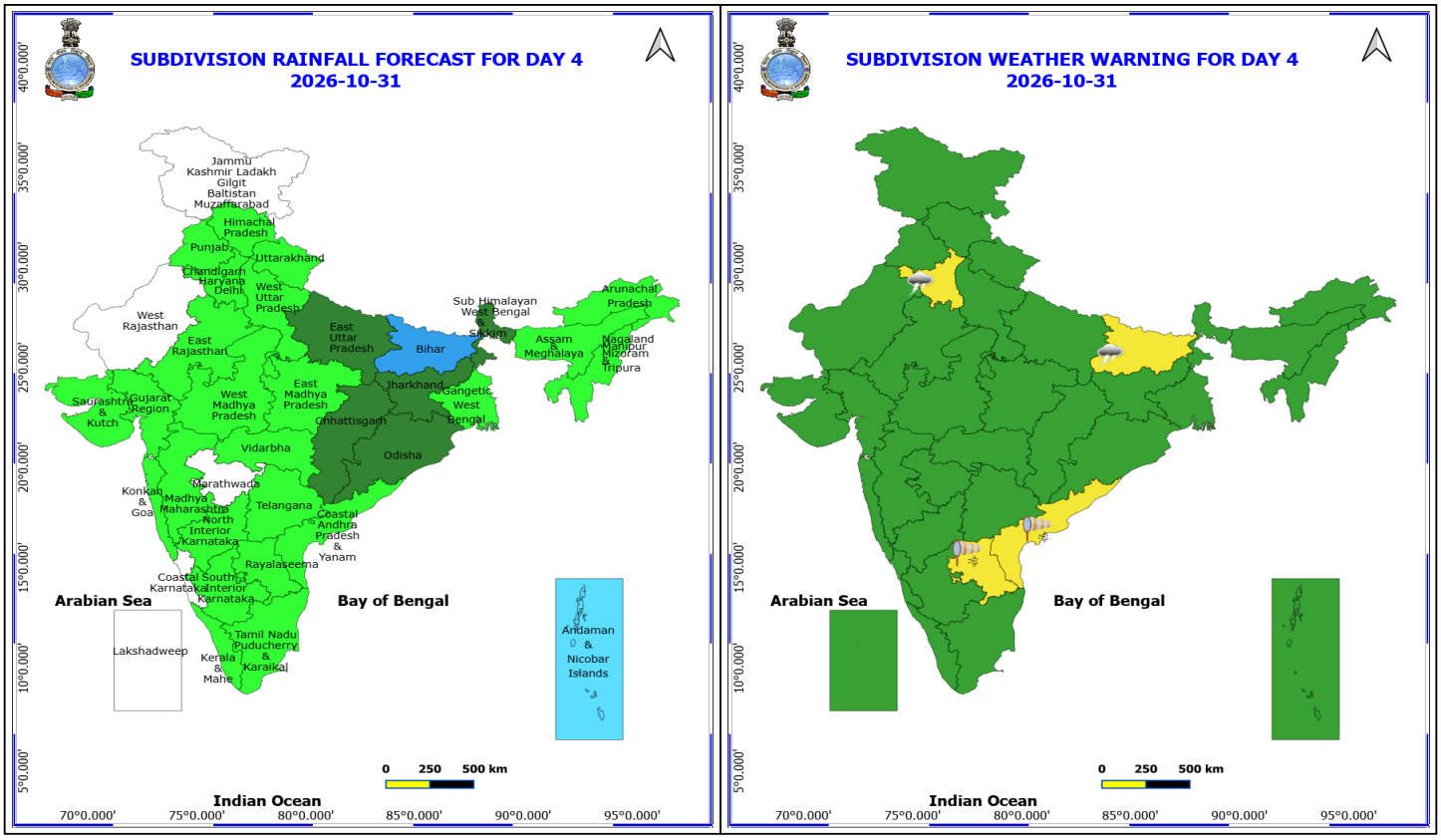
❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Jharkhand, Madhya Pradesh, Telangana, Uttarakhand, West Bengal & Sikkim and West Rajasthan.

❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Himachal Pradesh.

❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh.

❖ **Squally wind speed reaching 40-50 gusting to 60 kmph** over westcentral & adjoining Eastcentral Bay of Bengal by morning of 29th October.

❖ **Squally wind speed reaching 40-50 gusting to 60 kmph** over districts of coastal Andhra Pradesh from Krishna to Anakapalli by morning of 29th October.



31 October (Day 4)

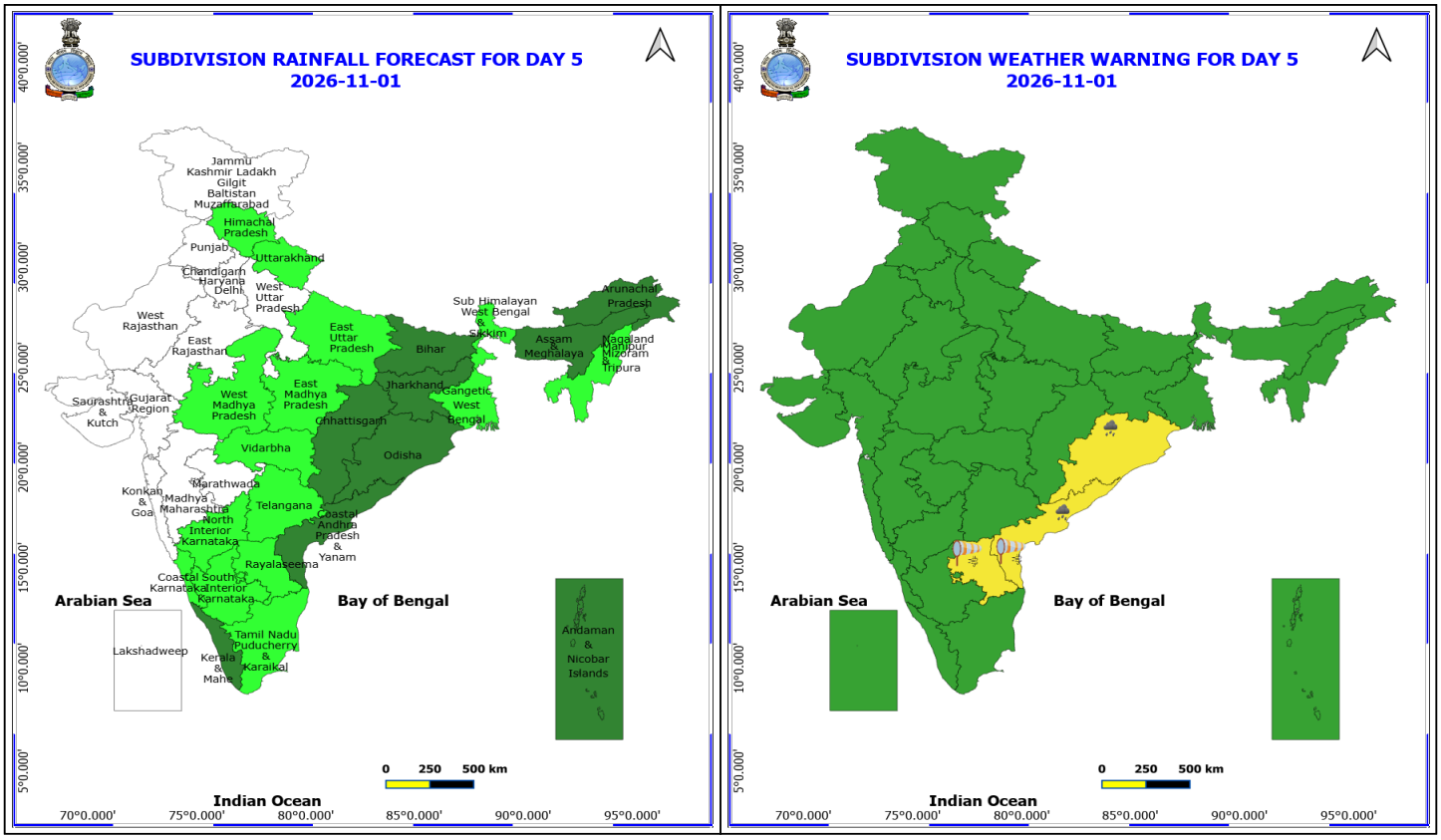
❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Bihar and Haryana, Chandigarh & Delhi.

❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh and Sub Himalayan West Bengal & Sikkim.

❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.

❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh.

No Fishermen Warning



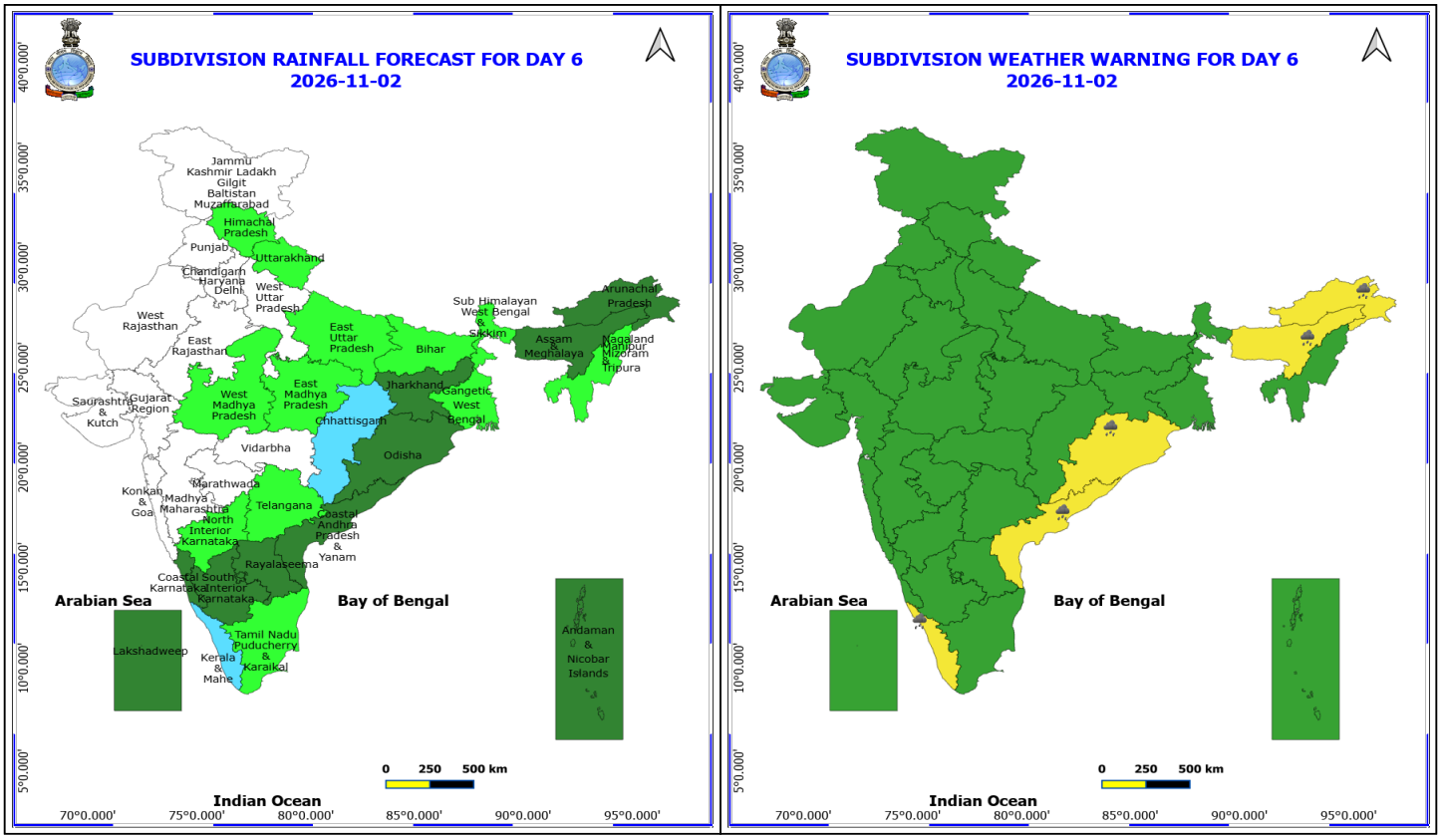
1 November (Day 5)

❖ **Heavy Rainfall** likely at isolated places over Coastal Andhra Pradesh and Odisha.

❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andhra Pradesh.

❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh.

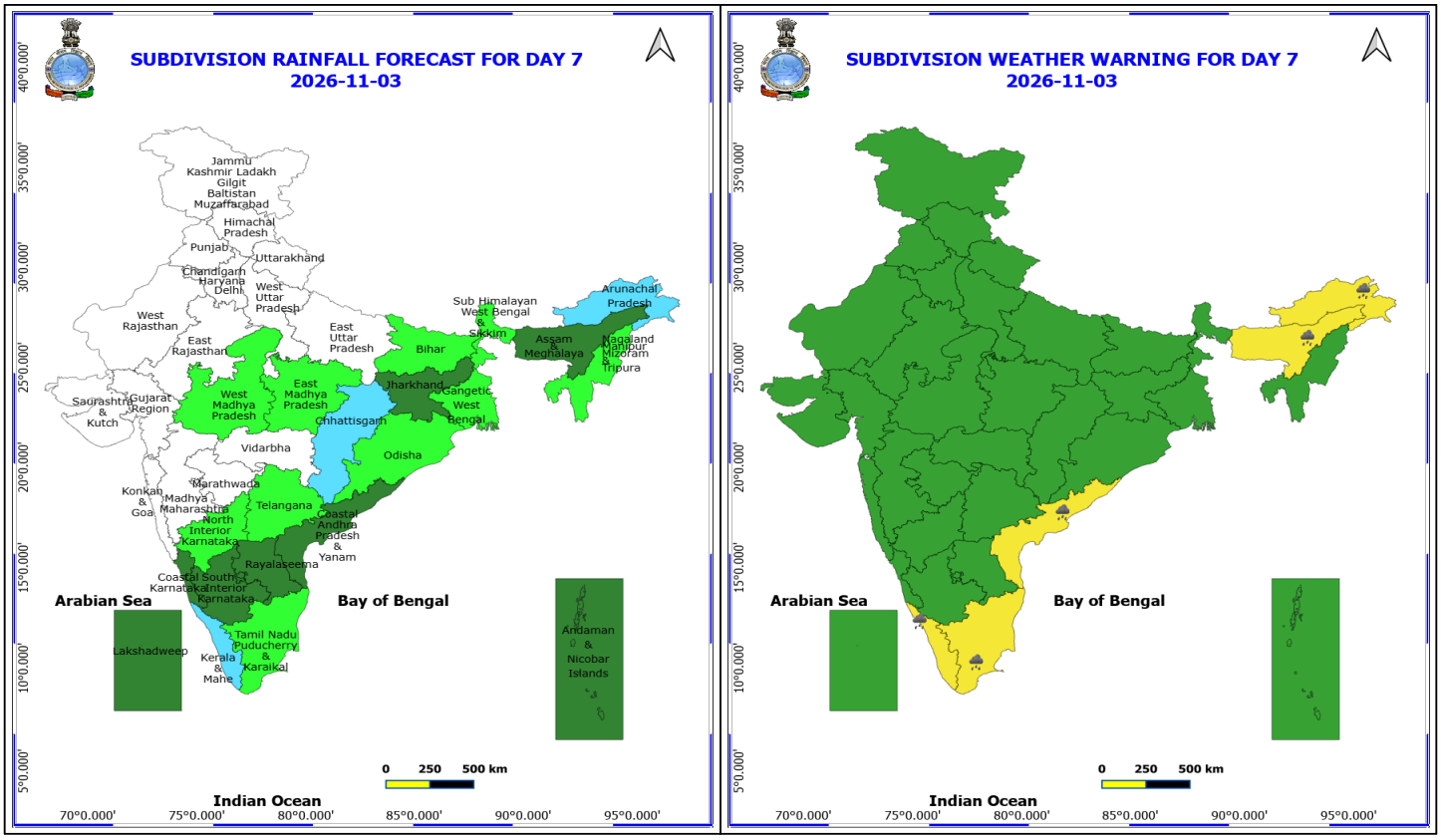
No Fishermen Warning



2 November (Day 6)

❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Andhra Pradesh, Kerala & Mahe and Odisha.

No Fishermen Warning



3 November (Day 7)

❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Andhra Pradesh, Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.

No Fishermen Warning

Flash Flood Warnings

Flash Flood Risk (FFR) till 1130 IST of 29-10-2026:

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

Coastal Andhra Pradesh & Yanam: Guntur, Ntr District, Palnadu, Krishna, Eluru, West Godavari, East Godavari, Kakinada, Sri Alluri Sitharamaraju District, Anakapalli, Vishakhapatnam, Vizianagaram, Parvathipuram Manyam and Srikakulam districts
Odisha: Koraput, Rayagada, Nawarangpur, Ganjam, Gajapati, Kandhamal, Nayagarh, Nawapara, Balangir, Boudh, Sonepur, Bargarh, Sambalpur, Angul, Khurda, Puri and Jharsuguda districts
Telangana: Khammam and B. Kothagudem districts
Chhattisgarh: Kondagaon, Dhamtari, Gariaband, Durg, Balod, Kabirdham, Mungeli, Gaurela Pendra Marwahi, Korba, Surguja, Koriya, Surajpur, Manendragarh-Bharatpur, Balrampur, Jashpur and Raigarh districts

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.

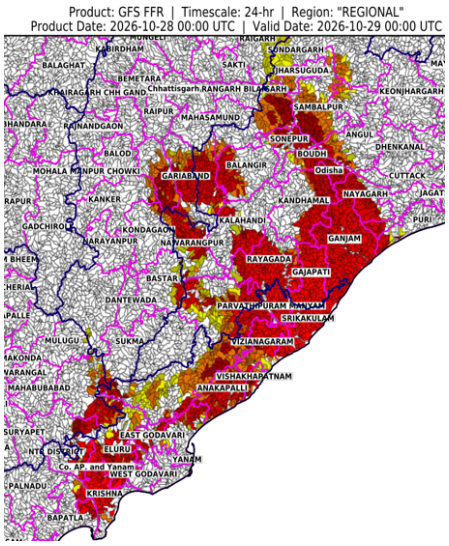


Table-1

7 Days Rainfall Forecast

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

Legend	Category	%Stations
WS	Widespread/Most Places	76-100
FWS	Fairly Widespread/Many Places	51-75
SCT	Scattered/ A Few Places	26-50
ISOL	Isolated Places	1-25
DRY	No Rain	0

*Red color warning does not mean "Red Alert" Red color 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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Fig. 1: Maximum Temperatures Dated 2026-10-27

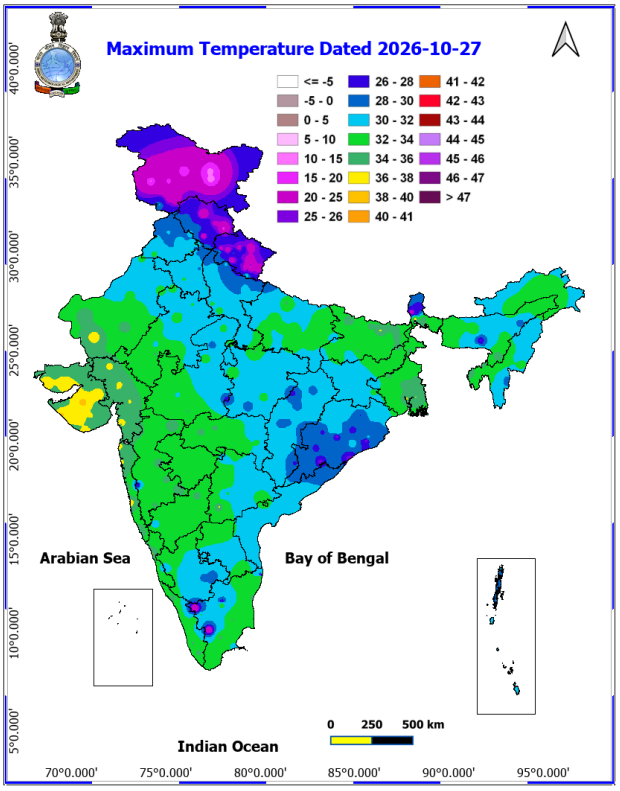


Fig. 2: Departure of Maximum Temp. Dated 2026-10-27

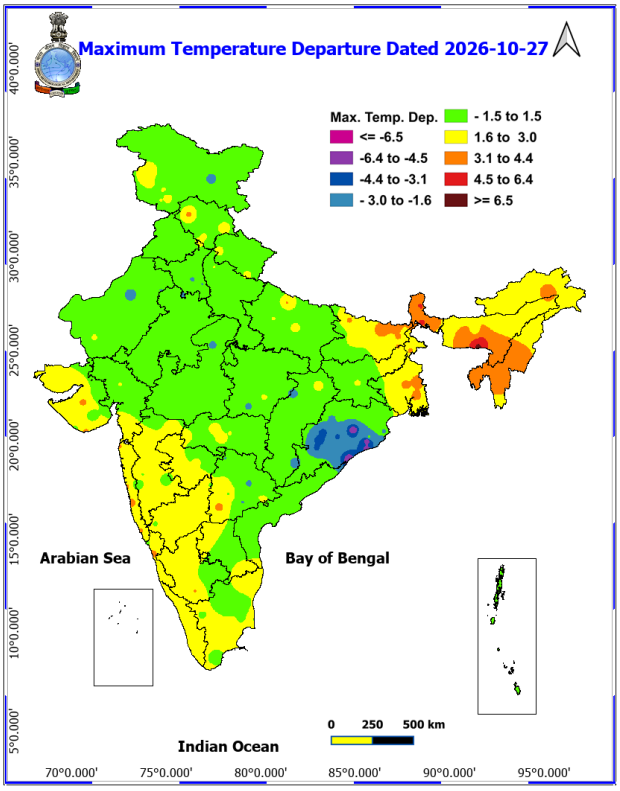


Fig. 3: Minimum Temperatures Dated 2026-10-28

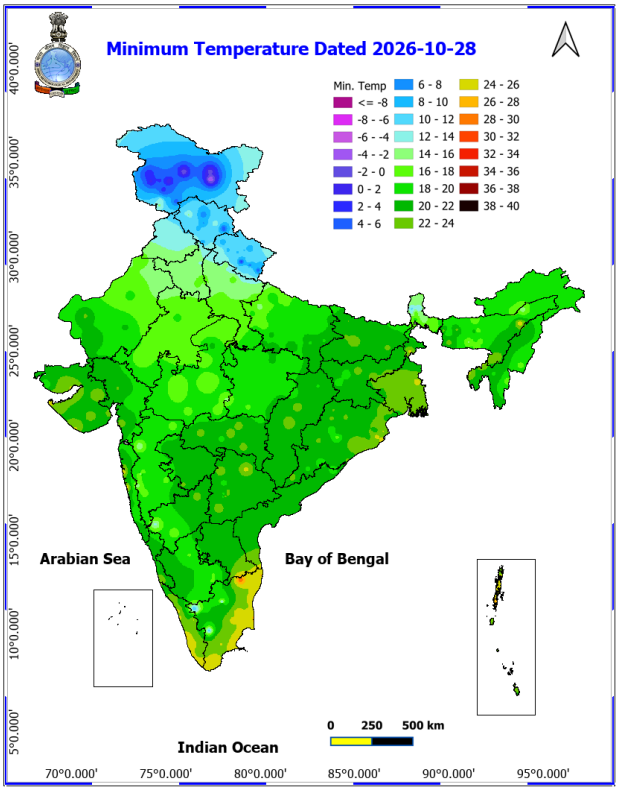
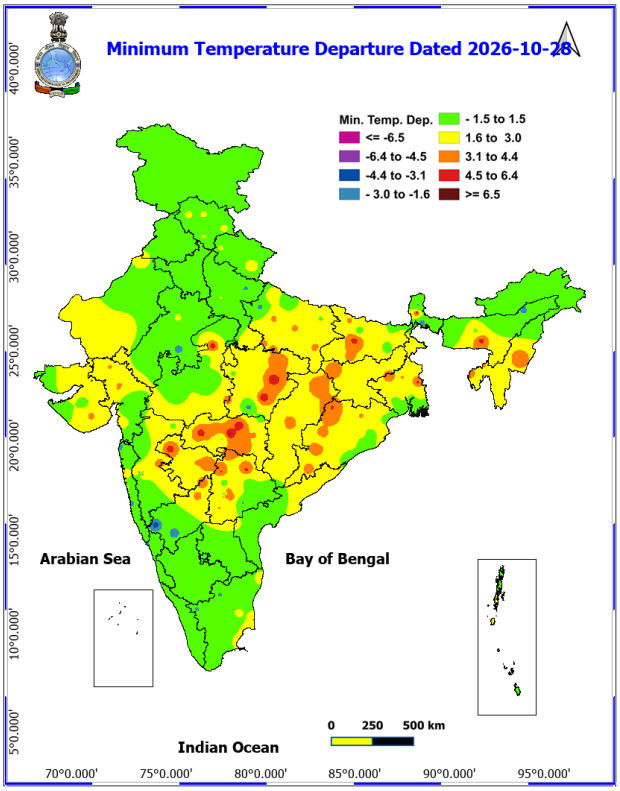
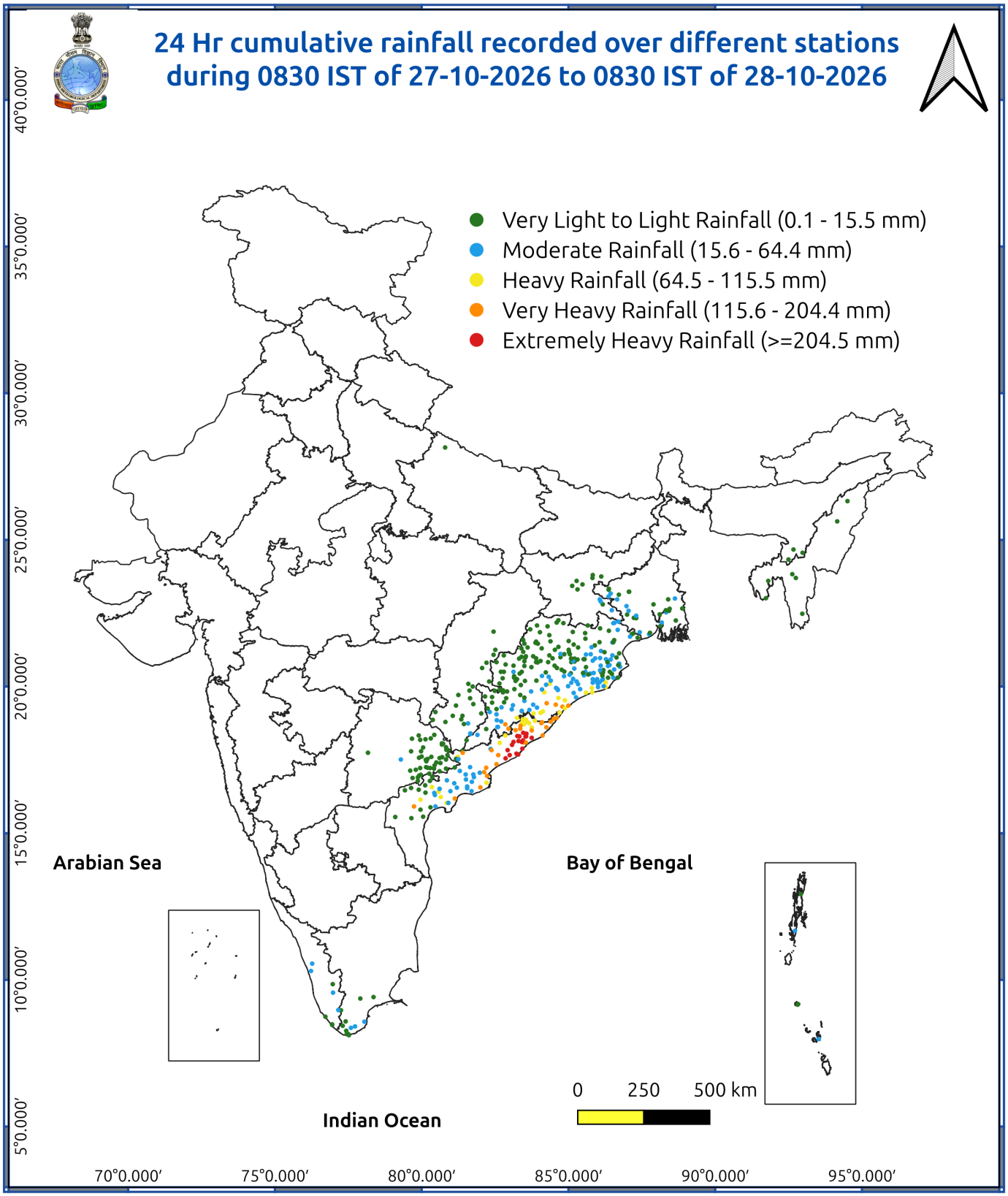


Fig. 4: Departure of Minimum Temp. Dated 2026-10-28



24 Hr cumulative rainfall recorded over different stations during 0830 IST of 27-10-2026 to 0830 IST of 28-10-2026



Impace and Actions

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

- **Isolated extremely heavy rainfall likely over Coastal Andhra Pradesh & Yanam, Chhattisgarh and Odisha on 28th October.**
- **Isolated very heavy rainfall also likely over Telangana, Vidarbha on 28th October; East Madhya Pradesh, Chhattisgarh, Jharkhand and Odisha on 29th October; Bihar during 29th-30th 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 various parts of the country

Agromet advisories for likely impact of Heavy Rainfall

In **Odisha**, ensure proper and continuous drainage in standing crops and nurseries, particularly in low-lying fields. Harvest mature rice, maize, green gram, black gram, groundnut and little millet during suitable dry intervals. Maintain drainage channels in fields and postpone sowing, transplanting, fertilizer application and plant protection measures until rainfall subsides.

In **Chhattisgarh**, ensure proper drainage in standing crops. Harvest mature groundnut, maize, black gram, green gram and soybean. Raise tomato, brinjal, chilli, capsicum and early winter vegetable nurseries on raised, well-drained beds, and postpone spraying and fertilizer application during rainfall.

In **Coastal Andhra Pradesh**, ensure adequate drainage in standing crops and avoid intercultural operations in wet soil. Postpone sowing of rabi crops in the Southern Zone until rainfall recedes and soil conditions become suitable.

In **Vidarbha**, provide drainage in standing crops and avoid field operations during heavy rainfall. Continue harvesting mature rice, soybean and vegetables during suitable dry intervals, and protect harvested produce from moisture. Take up sowing of chickpea, safflower, linseed and irrigated mustard only where soil moisture and irrigation water are adequate.

In **Telangana**, provide adequate drainage in standing crops and postpone field operations during heavy rainfall.

In **Andaman & Nicobar Islands**, ensure proper drainage in crop fields and nurseries, and harvest mature rice and vegetables during rain-free intervals, drying the produce under cover. Support banana plants with props and raise vegetable nurseries on raised beds under rain shelter. Avoid fertilizer and pesticide application during rainfall, and undertake arecanut protection measures against fruit rot only during rain-free weather.

In **West Bengal**, harvest mature groundnut pods during suitable dry weather and complete winter vegetable sowing during rain-free weather.

In **Mizoram**, continue harvesting mature upland rice and keep the produce in safe, dry storage. Undertake sowing of rabi maize and field preparation for potato planting where conditions permit. Continue nursery sowing of early cabbage, cauliflower and broccoli, and protect newly transplanted seedlings from adverse weather. Ensure adequate drainage and postpone field operations during heavy rainfall.

In **Meghalaya**, Postpone the nursery bed preparation and sowing of cole crops till rain-free period. Drainout excess water and maintain a thin layer of 2-3 cm stagnating water in the field of rice. Remove badly infected or fallen fruits from the orchard.

In **East Madhya Pradesh**, harvest mature soybean, maize and pick opened cotton bolls during dry weather. Take up sowing of pea, chickpea and mustard, and planting of garlic, only when soil moisture and field conditions are suitable; postpone field operations during heavy rainfall.

In **East Uttar Pradesh**, Complete the harvesting of matured rice, maize, millets and vegetables as soon as feasible, and move harvested produce to a safe place or cover it with plastic or polythene sheets. Postpone sowing of chickpea, lentil, mustard, toria, wheat, potato and winter vegetables. Ensure proper drainage in sugarcane, basmati rice, other standing crops and vegetables; prop sugarcane and stake vegetable plants.

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 for 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.

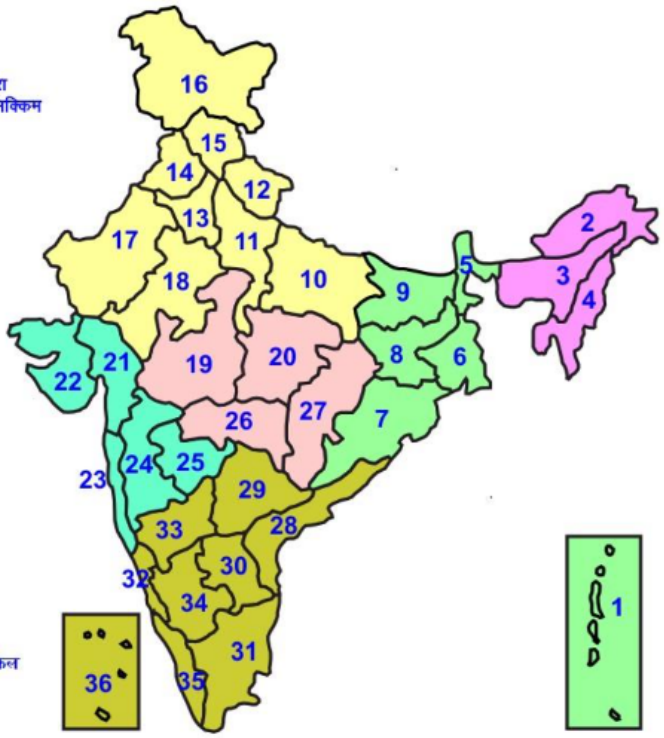
Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

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.

LEGENDS

1 अंडमान और निकोबार द्वीप समुह
2 अरुणाचल प्रदेश
3 असम और मेघालय
4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
5 उप हिमालय पश्चिम बंगाल एंवम् सिक्किम
6 पश्चिम गांगेय बंगाल
7 ओडिसा
8 झारखंड
9 बिहार
10 पूर्वी उत्तर प्रदेश
11 पश्चिम उत्तर प्रदेश
12 उत्तराखंड
13 हरियाणा चंडिगढ़ एंवम् दिल्ली
14 पंजाब
15 हिमाचल प्रदेश
16 जम्मू एवंम कश्मीर एवंम लद्दाख
17 पश्चिम राजस्थान
18 पूर्वी राजस्थान
19 पश्चिम मध्य प्रदेश
20 पूर्वी मध्य प्रदेश
21 गुजरात क्षेत्र
22 सौराष्ट्र एंवम् कच्छ
23 कोंकण एंवम् गोवा
24 मध्य महाराष्ट्र
25 मराठावाडा
26 विदर्भ
27 छत्तीसगढ़
28 तटीय आंध्र प्रदेश एवं यनम
29 तेलंगाना
30 रायलसीमा
31 तमिलनाडु ,पुदुचेरी एवंम कराईकल
32 तटिय कर्नाटक
33 आंतरिक उत्तरी कर्नाटक
34 आंतरिक दक्षिणी कर्नाटक
35 केरल एवंम 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. Orissa
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chd & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajsthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Marathawada
26. Vidharbha
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 Widespred (FWS/ Many Places)	1-25	Isolated (ISOL)

Subdivision Colour

- NO WARNING
- WATCH (BE UPDATED)
- 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

Heavy Rain
Very Heavy Rain
Extremely Heavy Rain
Heavy Snow
Thunderstorm & Lightning
Hailstrom
Dust Strom
Dust Raising Winds
Strong surface winds
Heat Wave
Hot Day
Warm Night
Cold Wave
Cold Day
Ground Frost
Fog
Hot & Humid

*Red color warning does not mean "Red Alert" Red color 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)

LEGENDS

WARNING

WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

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)