



National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

2025-10-23

Time of Issue: 13:41:00 hours IST

(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather warning:

South Peninsular India:

Light to moderate rainfall/thunderstorm at many/some places with isolated **heavy rainfall over** Tamil Nadu on 23rd & 24th and during 26th -28th; Lakshadweep on 23rd; Kerala & Mahe during 27th & 29th; North Interior Karnataka during 23rd -25th; Telangana during 23rd -25th and on 29th; Coastal Andhra Pradesh & Yanam and Rayalaseema during 24th -26th and on 29th; South Interior Karnataka on 24th and Coastal Karnataka on 25th & 26th over with isolated **very heavy rainfall over South Interior Karnataka on 23rd**; Coastal Andhra Pradesh & Yanam and Rayalaseema on 23rd and on 27th & 28th; Kerala & Mahe and Coastal Karnataka on 23rd & 24th Oct.

Thunderstorm with lightning likely over the region during next 5 days.

East & Central India:

Light to moderate rain/thunderstorm at many places with isolated **very heavy rainfall** over Andaman & Nicobar Islands during 23rd -25th and with isolated **heavy rainfall** over Andaman & Nicobar Islands on 26th October.

Thunderstorm with lightning and gusty winds (speed reaching 30-40 kmph) likely over Andaman & Nicobar Islands and Odisha during next 5 days; and with lightning over East Madhya Pradesh, Vidarbha and Chhattisgarh during next 5 days.

West India:

Light to moderate rain/thunderstorm at many places with isolated **heavy rainfall** over Konkan & Goa and Madhya Maharashtra on 23rd & 24th; Gujarat Region and Saurashtra & Kutch on 25th & 26th October.

Thunderstorm with lightning likely over Konkan & Goa, Marathawada and Madhya Maharashtra during next 5 days and over Gujarat Region during 25th & 26th and Saurashtra & Kutch during 24th -26th October.

North India:

Fall in minimum temperature by about 2°C over most part of Northwest India during next 2-3 days except East Uttar Pradesh where minimum temperature likely to fall by 3-5°C during the same period.



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Main Weather Observations:

- * Rainfall distribution (from 0830 hours IST of yesterday to 0830 hours IST of today): at most places over Andaman & Nicobar Islands, Coastal Andhra Pradesh & Yanam, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe and Lakshadweep; at a few places over Konkan & Goa and Telangana; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Odisha, Uttarakhand, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Marathwada, Vidarbha and Chhattisgarh; Dry over rest of the country.
- * Significant rainfall recorded(in cm) (from 0830 hours IST of yesterday to 0830 hours IST of today): Kerala & Mahe: Quilandi (dist Kozhikode) 14; Irinjalakuda (dist Thrissur) 9; Thritla (dist Palakkad), Angadipuram (dist Malappuram), Vellanikkara (dist Thrissur), Ernakulam South (dist Ernakulam) 7 Each; Tamil Nadu, Puducherry & Karaikal: Arakonam (dist Ranipet) 13; Harur (dist Dharmapuri) 11; Namakkal (dist Namakkal), Mohanur (dist Namakkal), Worth Estate Cher (dist Nilgiris) 9 Each; Tiruttani (dist Tiruvallur), Glenmorgan (dist Nilgiris), Vellakoil (dist Tiruppur), Rscl-3 Avalurpettai (dist Villupuram) 8 Each; Naduvattam (dist Nilgiris), Mettur (dist Salem), Thiruvalangadu (dist Tiruvallur), Thuvakudi Imti (dist Trichy), Dscl Thiyagadurgam (dist Kallakurichi), Rscl-2 Soorapattu (dist Villupuram), Rscl-2 Kedar (dist Villupuram), Oothu (dist Tirunelveli), Ranipet AWS (dist Ranipet) 7 Each; South Interior Karnataka: Kottigehara (dist Chikkamagaluru) 12; Kushalnagar (dist Kodagu), Somwarpet (dist Kodagu) 9 Each; Harangi (dist Kodagu) 8; Konanur (dist Hassan), Kadur (dist Chikkamagaluru), N R Pura (dist Chikkamagaluru), Koppa (dist Chikkamagaluru) 7 Each; Coastal Karnataka: Dharmasthala (dist Dakshina Kannada) 12; Mudubidre (dist Dakshina Kannada) 7; Andaman & Nicobar Islands: Hut Bay (dist South Andaman) 12; Iaf Carnicobar (dist Nicobar) 7; Coastal Andhra Pradesh & Yanam: Yanam (dist Yanam) 10; Masulipatnam Cdr (dist Krishna), Seetharamapuram (dist Spsr Nellore) 9 Each; Racherla (dist Prakasam), Podili (dist Prakasam) 8 Each; Rapur (dist Spsr Nellore) 7; Rayalaseema: Penagaluru (dist Annamayya District) 7.
- ♦ Heavy Rainfall observed (from 0830 hours IST of yesterday to 0830 hours IST of today):Heavy to very heavy rain at isolated places over Andaman & Nicobar Islands, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka, South Interior Karnataka and Kerala & Mahe. Heavy rain at isolated places over Coastal Andhra Pradesh & Yanam and Rayalaseema.
- ♦ Minimum Temperature Departures (as on 23-10-2025): markedly above normal(> 5.1°C) at few places over Bihar and East Uttar Pradesh; at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh, East Madhya Pradesh, Madhya Maharashtra and Vidarbha. appreciably above normal(3.1°C to 5.0°C) at many places over Marathwada; at few places over Nagaland, Manipur, Mizoram & Tripura, Gujarat Region, Saurashtra & Kutch and Telangana; at isolated places over Gangetic West Bengal, Jharkhand, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and Chhattisgarh. above normal(1.6°C to 3.0°C) at many places over Konkan & Goa and North Interior Karnataka; at few places over Arunachal Pradesh, Haryana-Chandigarh-Delhi, Punjab, East Rajasthan, Rayalaseema and Coastal Karnataka; at isolated places over West Rajasthan, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and South Interior Karnataka. near normal(-1.5°C to 1.5°C) at many places over Odisha and Lakshadweep; at most places over Andaman & Nicobar Islands and Kerala & Mahe. The lowest minimum temperature of 12.5°C is reported at SIKAR (RAJASTHAN) over the Plains of India.
- ♦ Maximum Temperature Departures (as on 22-10-2025): appreciably above normal(3.1°C to 5.0°C) at few places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim and Uttarakhand; at isolated places over Gangetic West Bengal, Saurashtra & Kutch, Konkan & Goa, Vidarbha and Chhattisgarh. above normal(1.6°C to 3.0°C) at most places over Jharkhand; at few places over Bihar, Himachal Pradesh and East Madhya Pradesh; at isolated places over East Uttar Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam and Telangana. near normal(-1.5°C to 1.5°C) at many places over West Uttar Pradesh, Punjab, West Rajasthan, East Rajasthan, West Madhya Pradesh, Coastal Karnataka and Lakshadweep; at most places over Andaman & Nicobar Islands, Gujarat Region, Marathwada and North Interior Karnataka; at few places over Haryana-Chandigarh-Delhi, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe; at isolated places over South Interior Karnataka. The highest maximum temperature of 37.3°C is reported at BARMER (RAJASTHAN).



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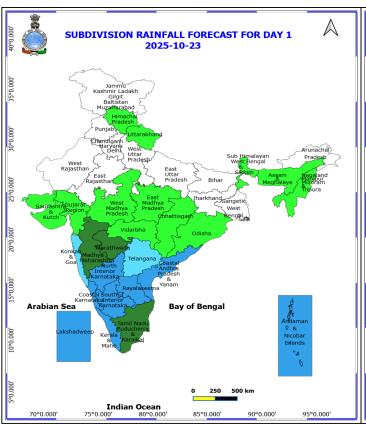
Meteorological Analysis (Based on 0830 hours IST)

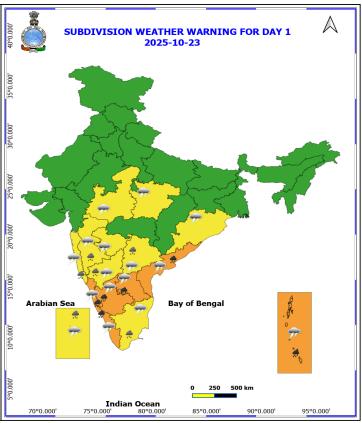
- The **Depression** over southeast Arabian Sea moved slowly northeastwards with a speed of 5 kmph during past 6 hours and lay centered at 0830 hrs IST of today, the 23rd October 2025, over the same region, near latitude 9.8°N & longitude 67.8°E, about 560 km west-southwest of Aminidivi (Lakshadweep) and 910 km southwest of Panjim (Goa). It is likely to move nearly north-northeastwards across southeast Arabian Sea towards eastcentral Arabian Sea during next 24 hours.
- The low pressure area over north interior Tamil Nadu and adjoining south interior Karnataka moved west-northwestwards and lay over south interior Karnataka & neighbourhood at 0830 hrs IST of today, the 23rd October 2025. The associated cyclonic circulation extended upto middle tropospheric levels. It is likely to continue to move west-northwestwards across south Karnataka and emerge over eastcentral & adjoining southeast Arabian Sea during next 24 hours.
- The upper air cyclonic circulation over south Andaman Sea & neighbourhood lay over southeast Bay of Bengal adjoining South Andaman sea extending upto 5.8 km above mean sea level. Under its influence, a low pressure area is likely to form over southeast & adjoining eastcentral Bay of Bengal on 24th October 2025. It is likely to move west-northwestwards and become more marked during subsequent 24 hours.
- The **upper air cyclonic circulation** over northwest Uttar Pradesh and adjoining Haryana at 3.1 km above mean sea level persists.
- The **Western Disturbance** as a trough in middle and upper tropospheric westerlies with its axis at 5.8 km above mean sea level now runs roughly along Long. 78°E to the north of Lat. 30°N.
- A fresh Western Disturbance likely to impact Western Himalayan Region from 27th October, 2025.

Weather Outlook for subsequent 3 days

- Fairly widespread to widespread rainfall activity likely over the southern part of India.
- Isolated to scattered rainfall activity likely over West coast and East India.



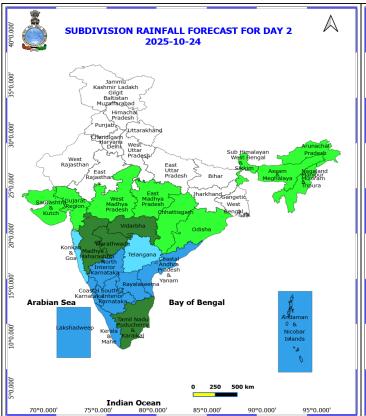


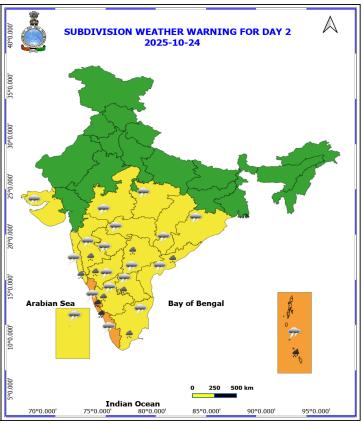


23 October (Day 1)

- ♦ Heavy to Very Heavy Rainfall very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Coastal Karnataka, Kerala & Mahe and South Interior Karnataka.
- ♦ Heavy Rainfall very likely at isolated places over Konkan & Goa, Lakshadweep, Madhya Maharashtra, North Interior Karnataka, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ Thunderstorm accompanied with lightning & gusty winds(40-50kmph) very likely at isolated places over Andaman & Nicobar Islands and Lakshadweep.
- ♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Karnataka, Kerala & Mahe, Odisha and Telangana.
- ♦ Thunderstorm accompanied with Lightning very likely at isolated places over Andhra Pradesh, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Marathwada and Tamil Nadu Puducherry & Karaikal.
 - Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph likely to prevail along and off Kerala, Karnataka coasts and adjoining sea areas, over Lakshadweep, Comorin areas, Maldives, over southeast, and adjoining some parts of southwest, eastcentral Arabian Sea, over Gulf of Mannar, over southeast Bay of Bengal, along and off Tamil Nadu, coast and over Andaman Sea.
 - Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmphlikely to prevail over northeastern parts of southeast Arabian Sea and adjoining areas.



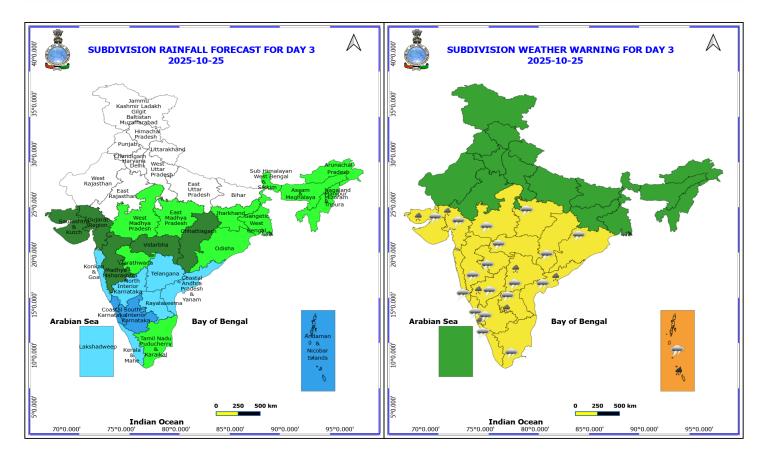




24 October (Day 2)

- Heavy to Very Heavy Rainfall very likely at isolated places over Andaman & Nicobar Islands, Coastal Karnataka and Kerala & Mahe.
- ♦ Heavy Rainfall very likely at isolated places over Andhra Pradesh, Interior Karnataka, Konkan & Goa, Madhya Maharashtra, Tamil Nadu Puducherry & Karaikal and Telangana.
- ♦ Thunderstorm accompanied with lightning & gusty winds(40-50kmph) very likely at isolated places over Andaman & Nicobar Islands.
- ♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Karnataka, Kerala & Mahe, Lakshadweep, Odisha and Telangana.
- **♦ Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh, Chhattisgarh, Konkan & Goa, Madhya Pradesh, Maharashtra, Saurashtra & Kutch and Tamil Nadu Puducherry & Karaikal.
 - Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph likely to prevail along and off Kerala, Karnataka, south Konkan, Goa coasts and adjoining sea areas, over Lakshadweep, Comorin areas, Maldives, over southeast, and adjoining some parts of southwest Arabian Sea, many parts of eastcentral & adjoining westcentral Arabian Sea, over Gulf of Mannar, along and off Tamil Nadu & adjoining south Andhra Pradesh, Sri Lanka coasts, over southeast and adjoining, some parts of eastcentral, westcentral Bay of Bengal, many parts of southwest Bay of Bengal and over Andaman Sea.
 - Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmphlikely to prevail over southwestern parts of eastcentral Arabian Sea and adjoining areas, northeastern parts of southeast Bay of Bengal and adjoining areas.

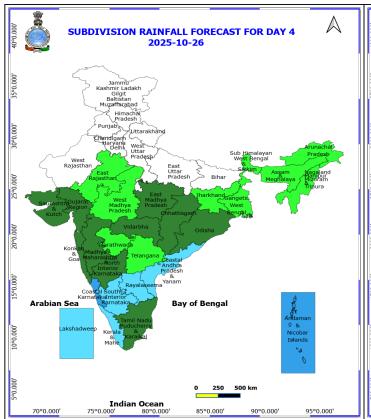


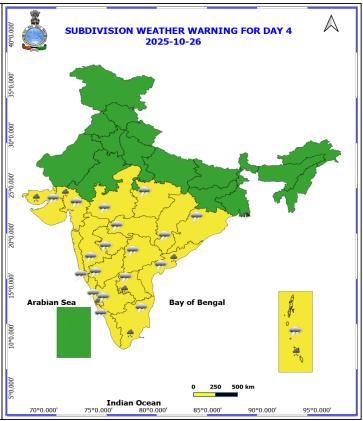


25 October (Day 3)

- Heavy to Very Heavy Rainfall very likely at isolated places over Andaman & Nicobar Islands.
- ♦ Heavy Rainfall very likely at isolated places over Andhra Pradesh, Coastal Karnataka, Gujarat State, North Interior Karnataka and Telangana.
- ❖ Thunderstorm accompanied with lightning & gusty winds(40-50kmph) very likely at isolated places over Andaman & Nicobar Islands.
- ♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Karnataka, Odisha and Telangana.
- ♦ Thunderstorm accompanied with Lightning very likely at isolated places over Andhra Pradesh, Chhattisgarh, Coastal Karnataka, Gujarat State, Kerala & Mahe, Konkan & Goa, Madhya Pradesh, Maharashtra, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
 - Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph likely to prevail along and off Kerala, Karnataka, Konkan, Goa coasts and adjoining sea areas, over Lakshadweep, Comorin areas, Maldives, over southeast, and adjoining some parts of southwest, westcentral Arabian Sea, most parts of eastcentral Arabian Sea, over Gulf of Mannar, over south and many parts of central Bay of Bengal, along and off South Andhra Pradesh coast, Tamil Nadu, Sri Lanka coasts and over Andaman Sea.
 - Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmphlikely to prevail over southwestern parts of westcentral Bay of Bengal and adjoining areas.



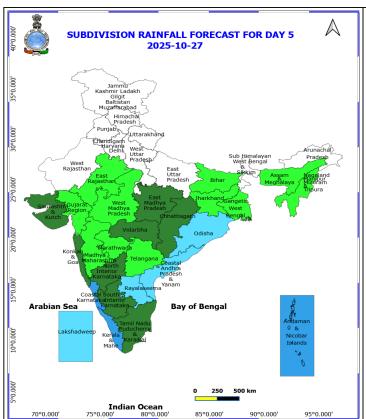


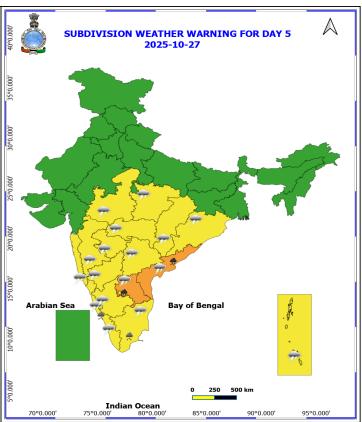


26 October (Day 4)

- ♦ Heavy Rainfall likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Coastal Karnataka, Gujarat State and Tamil Nadu Puducherry & Karaikal.
- **❖ Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands.
- **❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Karnataka, Odisha and Telangana.
- ❖ Thunderstorm accompanied with Lightning likely at isolated places over Andhra Pradesh, Chhattisgarh, Gujarat State, Kerala & Mahe, Konkan & Goa, Madhya Pradesh, Maharashtra and Tamil Nadu Puducherry & Karaikal.
 - Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph likely to prevail along and off Kerala, Karnataka, Konkan, Goa, south Gujarat coasts and adjoining sea areas, over Lakshadweep, Comorin areas, Maldives, over southeast, and adjoining some parts of southwest, westcentral Arabian Sea, over eastcentral Arabian Sea, over Gulf of Mannar, over most parts of south & central Bay of Bengal, along and off Andhra Pradesh, north Tamil Nadu coasts, and over Andaman Sea.
 - Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmphlikely to prevail over southwestern parts of westcentral Bay of Bengal and adjoining areas.



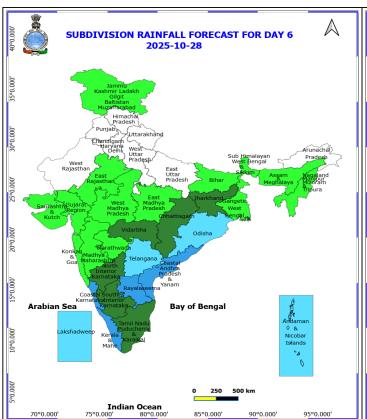


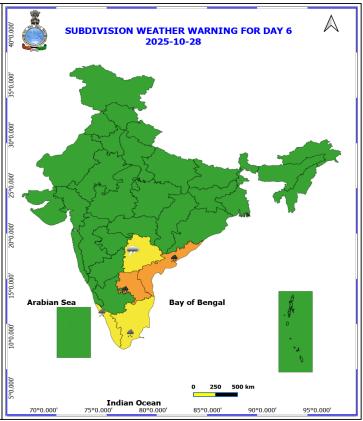


27 October (Day 5)

- Heavy to Very Heavy Rainfall likely at isolated places over Andhra Pradesh.
- Heavy Rainfall likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands.
- ♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) likely at isolated places over Karnataka, Odisha and Telangana.
- ♦ Thunderstorm accompanied with Lightning likely at isolated places over Andhra Pradesh, Chhattisgarh, Kerala & Mahe, Konkan & Goa, Madhya Pradesh, Maharashtra and Tamil Nadu Puducherry & Karaikal.
 - Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph likely to prevail along and off Kerala, Karnataka, Konkan, Goa, south Gujarat coasts and adjoining sea areas, over Lakshadweep area, over some parts of southeast Arabian Sea, over eastcentral & adjoining, westcentral Arabian Sea, over Gulf of Mannar, over most parts of south & central Bay of Bengal, along and off Andhra Pradesh coast, and over Andaman Sea.
 - Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmphlikely to prevail over southwestern parts of westcentral Bay of Bengal and adjoining southwest Bay of Bengal.





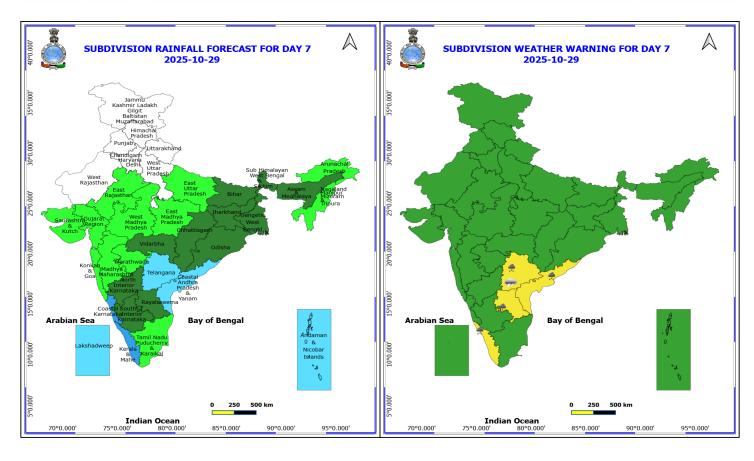


28 October (Day 6)

- **Heavy to Very Heavy Rainfall** likely at isolated places over Andhra Pradesh.
- * Heavy Rainfall likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) likely at isolated places over Telangana.

No Fishermen Warning





29 October (Day 7)

- Heavy Rainfall likely at isolated places over Andhra Pradesh, Kerala & Mahe and Telangana.
- ♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) likely at isolated places over Telangana.

No Fishermen Warning



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Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 24-10-2025 :

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

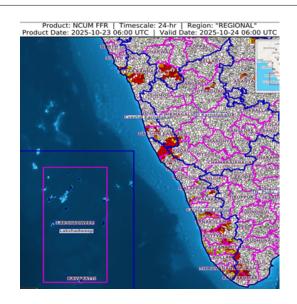
Coastal Karnataka - Dakshin Kannada, Udupi and Uttar Kannada districts.

Kerala & Mahe - Alappuzha, Ernakulam, Idukki, Kannur, Kasargod, Kollam, Kottyam, Mahe, Malappuram, Palakkad, Pattanamittia, Thiruvananthpuram and Trishur districts.

North Interior Karnataka - Haveri district.

South Interior Karnataka - Chitradurga, Hassan and Kodagu 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.



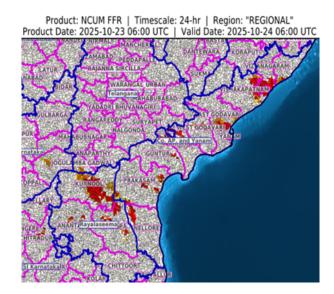
24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 24-10-2025 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Subdivisions during next 24 hours.

Coastal Andhra Pradesh & Yanam - East Godavari, Guntur, Krishna, Prakasam, Nellore, Srikakulam, Vishakhapatnam, Vizianagaram and West Godavari districts

Rayalaseema - Anantapuramu, Kurnool and Kadapa 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.





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Table-1

S.No. Subdivision 23-
Day 1 Day 2 Day 3 Day 4 Day 5 Day 6 Day 7
1 ANDAMAN & NICOBAR ISLANDS WS WS WS FWS FWS 2 ARUNACHAL PRADESH DRY ISOL ISOL ISOL DRY DRY DRY ISOL ISOL DRY DRY DRY ISOL
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22 SAURASHTRA & KUTCH ISOL ISOL SCT SCT ISOL ISOL
23 KONKAN & GOA FWS FWS SCT SCT ISOL ISOL
24 MADHYA MAHARASHTRA SCT SCT SCT ISOL ISOL ISOL
25 MARATHWADA SCT SCT ISOL ISOL ISOL ISOL ISOL
26 VIDARBHA ISOL SCT SCT SCT SCT SCT SCT
27 CHATTISGARH ISOL ISOL SCT SCT SCT SCT SCT
28 COASTAL ANDHRA PRADESH WS WS FWS FWS WS FWS
29 TELANGANA FWS FWS ISOL ISOL FWS FWS
30 RAYALASEEMA WS WS FWS FWS WS SCI
31 TAMILNADU & PUDUCHERRY SCT SCT ISOL SCT SCT ISOL
32 COSTAL KARNATAKA WS WS WS WS WS WS WS
33 NORTH INTERIOR KARNATAKA WS WS FWS SCT SCT SCT SCT
34 SOUTH INTERIOR KARNATAKA WS WS FWS SCT SCT SCT
35 KERALA WS WS FWS WS WS WS WS
36 LAKSHDWEEP WS WS FWS FWS FWS FWS FWS

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

Fig. 1: Maximum Temperatures Dated 2025-10-22

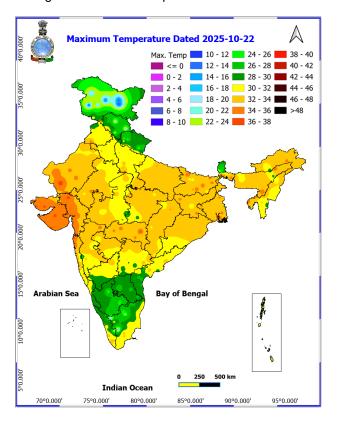


Fig. 3: Minimum Temperatures Dated 2025-10-23

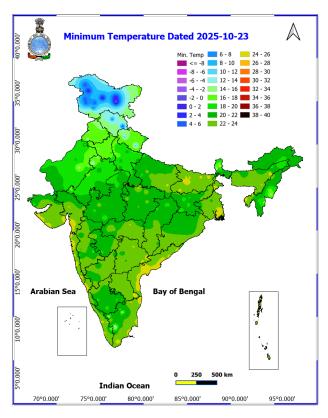


Fig. 2: Departure of Maximum Temp. Dated 2025-10-22

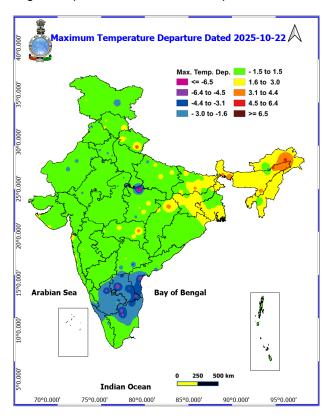
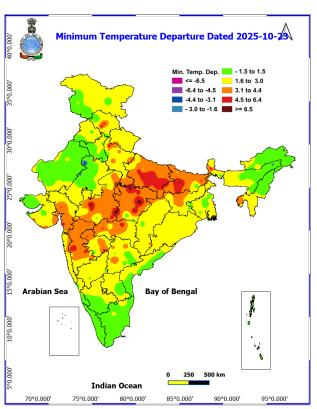
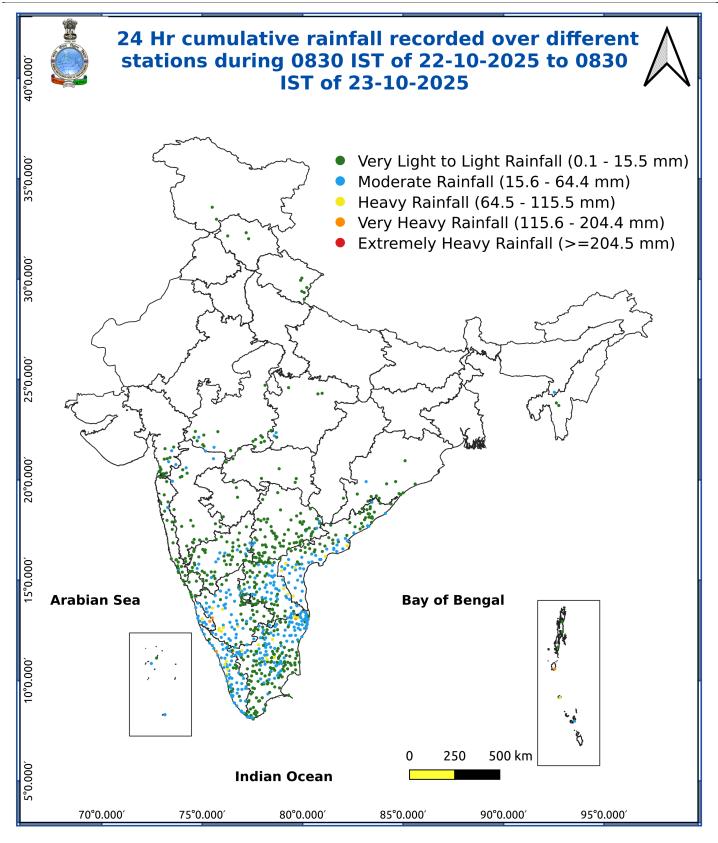


Fig. 4: Departure of Minimum Temp. Dated 2025-10-23









National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

Impact & Action Suggested due to

• Isolated very heavy rainfall over Kerala & Mahe and Coastal Karnataka on 23rd & 24th; South Interior Karnataka on 23rd; Coastal Andhra Pradesh & Yanam and Rayalaseema on 23rd and on 27th & 28th; and isolated heavy rainfall over Tamil Nadu and Konkan & Goa on 23rd & 24th October.

Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- 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 mainly over Bihar, Jharkhand and West Bengal (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 various parts of the country

Agromet advisories for likely impact of Heavy / Heavy to Very Heavy Rainfall

- In **Andhra Pradesh**, harvest matured groundnut crop and matured cobs of maize only during fair weather / nonrainy period and store the produce in safe places. Make arrangements to drain out excess water from fields of rice, maize, pigeon pea, black gram, green gram, cotton, groundnut, turmeric, ginger, vegetables and plantations of banana, coconut and arecanut. Avoid sowing of *rabi* crops (*rabi* maize, Bengal gram etc.) until the soil moisture reaches at optimum level.
- In **Tamil Nadu**, store the harvested produce of rice and groundnut in safer places. Drain out excess water from fields of rice, sugarcane, cotton, black gram, maize and vegetables and plantations of coconut, banana and black pepper to avoid water stagnation. Avoid transplanting or direct sowing of rice and sowing of maize and cotton during heavy rainfall.
- In **Kerala**, keep the harvested produce of rice and vegetables in safer places. Drain out excess water from fields of rice, vegetables and plantations of banana, coconut, arecanut, cardamom and black pepper.
- In Coastal Karnataka, postpone harvesting of rice till cessation of heavy rains and shift the already harvested produce to safer places. Drain out excess water from fields of rice and plantations of coconut, arecanut and black pepper. In South Interior Karnataka, postpone harvesting of *kharif* pulses and maize till cessation of heavy rains and store the already harvested produce of pulses, maize, groundnut, cardamom, coffee etc. in dry, covered and ventilated areas or cover with tarpaulins in the fields. Drain out excess water from fields of rice, maize, finger millet, pulses, groundnut and vegetables and plantations of banana, black pepper, cardamom, coffee, coconut and arecanut to avoid waterlogging. Avoid sowing of *rabi* crops till the soil moisture reaches at optimum level. In North Interior Karnataka, shift the harvested produce of maize, groundnut and soybean to safer places.
- In **Andaman and Nicobar Islands**, store the harvested produce of rice at safe places to avoid degradation. Make arrangements for drainage of excess water from fields of rice, vegetables and plantation crops.



National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

• In Konkan and Madhya Maharashtra, keep the harvested produce of kharif crops in safer places.

Livestock / Fishery

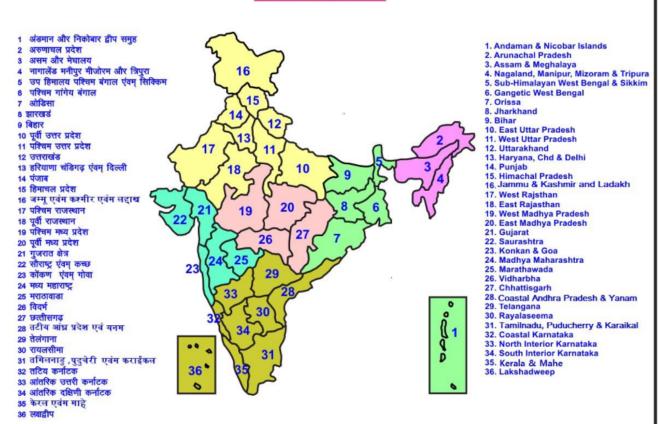
- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds / Squally 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.
- Tie the harvested crops properly and cover them to minimise the risk of displacement due to strong surface winds.







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)

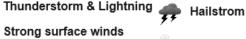
ALERT (BE PREPARED TO TAKE ACTION

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

Probabilistic Forecast

WARNING (TAKE ACTION)

Heavy Rain Thunderstorm & Lightning







Cold Day













Ground Frost



		EGENDS	
	WARNING	Probabilistic Forecas	st
	WARNING (TAKE ACTION)	Terms Probability of Occurre	nce (%)
	ALERT (BE PREPARED)	Unlikely < 25 Likely 25 - 50	
	WATCH (BE UPDATED)	Very Likely 50 - 75	
	NO WARNING (NO ACTION)	Most Likely > 75	
./ 💭	Heavy: 64.5 to 115.5 mm/cm *		
in/ Snow	Very Heavy: 115.6 to 204.4 mm/cm* Extremely Heavy: > 204.4 mm/cm *		
iiii onow			0 C f L
	(a) Based on Departure from norma	tation reaches ≥40° C for plains and ≥30 al	o tor n
	Heat Wave: Maximum Temperature Dep	arture from normal 4.5° C to 6.4° C.	
Î+	Severe Heat Wave: Maximum Temperat		
eat Wave	(b). Based on Actual maximum tem	•	
iout maro	Heat Wave: When actual maximum temp Severe Heat Wave: When actual maxim		
	(c). Criteria for heat wave for coast		
	When maximum temperature departure is	>4.5°C from normal. Heat Wave may be describe	d provide
	temperature ≥37°C		
Ĵ+	When maximum temperature rema Warm Night: When minimum temperature		
Varm Night	Severe Warm Night: When minimum temperatur		
		station ≤10°C for plains and ≤0°C for h	illy regi
	(a). Based on departure Cold Wave: Minimum Temperature Depart	urture from normal A 5 9C to 6 4 9C	
	Severe Cold Wave: Minimum Temperature Depa		
J-	(b) Based on actual Minimum Tem		
Cold Wave	Cold Wave : When Minimum Temperatur		
	Severe Cold Wave: When Minimum Ter	nperature is ≤ 2.0 °C	
	(c) For Coastal Stations		
	When Minimum Temperature departure	is ≤-4.5 °C & actual Minimum Temperature is ≤	15 °C
		tation ≤10°C for plains and ≤0°C for hilly	regions
 -	Based on departure Cold Day: Maximum Temperature Depar	ture from normal -4.5 °C to -6.4 °C	
Cold Day	Severe Cold Day: Maximum Temperatur		
	Pharaman of annul decide		! - !!- !!!
A	Moderate Fog: When the visibility between	suspended in air and the horizontal	VISIDIII
•	Dense Fog: when the visibility between		
Fog	Very Dense Fog: when the visibility < 50	metres	
7.			
7,9	Sudden electrical discharges manif sound (thunder)	ested by a flash of light (Lightning) and a	sharp r
nunderstorm	(
luliderstorm			
understorm	An annumble of continuous states	and anamatically life of to according to the	h
Dust/Sand	An ensemble of particles of dust or turbulent wind.	sand energetically lifted to great heights	by a str
		sand energetically lifted to great heights	by a str
Dust/Sand		sand energetically lifted to great heights	by a str
Dust/Sand Storm	turbulent wind.	sand energetically lifted to great heights	by a str
Dust/Sand	lce deposits on ground [Air temperature ≤4°C (over Plains)		by a str
Dust/Sand Storm	lce deposits on ground [Air temperature ≤4°C (over Plains) A strong wind that rises sudde	sand energetically lifted to great heights l	by a str
Dust/Sand Storm	lce deposits on ground [Air temperature ≤4°C (over Plains) A strong wind that rises sudde [Moderate: Wind speed 52-61 kmph]		by a str
Dust/Sand Storm	lce deposits on ground [Air temperature ≤4°C (over Plains) A strong wind that rises sudde		by a sti
Dust/Sand Storm Frost	lce deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudde Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed >87 kmph	enly, lasts for atleast 1 minute.	by a str
Dust/Sand Storm Frost	Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudde Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea	enly, lasts for atleast 1 minute.	by a str
Dust/Sand Storm Frost Squall	Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudde Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea Rough to very rough: Wind speed 41-6	enly, lasts for atleast 1 minute.	by a sti
Dust/Sand Storm Frost	Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudde Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea Rough to very rough: Wind speed 41-6	enly, lasts for atleast 1 minute. over specific area 2 kmph (22-33 knots) & Wave height 2.5-6 metre mph (34-63 knots) & Wave height 6-14 metre	by a str
Dust/Sand Storm Frost Squall	Lice deposits on ground Air temperature \$4°C (over Plains) A strong wind that rises sudded Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea Rough to very rough: Wind speed 41-64 High to very high: Wind speed 63-117 kmph (>90 kmph wind speed >117 kmph wind speed >117 kmph (>90 kmph wind speed >117 kmph wind speed >117 kmph (>90 kmph wind speed >117	enly, lasts for atleast 1 minute. over specific area 2 kmph (22-33 knots) & Wave height 2.5-6 metre mph (34-63 knots) & Wave height 6-14 metre 63 knots) & Wave height >14 metre	by a str
Dust/Sand Storm Frost Squall	turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudde Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea Rough to very rough: Wind speed 41-6 High to very high: Wind speed 63-117 k	enly, lasts for atleast 1 minute. over specific area 2 kmph (22-33 knots) & Wave height 2.5-6 metre mph (34-63 knots) & Wave height 6-14 metre 63 knots) & Wave height >14 metre h (34-47 knots)	by a str
Dust/Sand Storm Frost Squall	Ice deposits on ground Air temperature \$4°C (over Plains) A strong wind that rises sudded Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea Rough to very rough: Wind speed 63-117 kmph (>Phenomenal: Wind speed >117 kmph (>Cyclonic Storm: Wind speed 62-87 kmph	enly, lasts for atleast 1 minute. over specific area 2 kmph (22-33 knots) & Wave height 2.5-6 metre mph (34-63 knots) & Wave height 6-14 metre 63 knots) & Wave height >14 metre th (34-47 knots) 3-117 kmph (48-63 knots) seed 118-165 kmph (64 - 89 knots)	by a str