



2025-11-27

Time of Issue: 13:19:00 hours IST

(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings:

- Under the influence of Deep Depression over southwest Bay of Bengal and adjoining Sri Lanka coast, heavy to very heavy rainfall likely over Tamil Nadu during 27th -30th November with isolated extremely heavy falls on 28th & 29th November; isolated heavy to very heavy rainfall likely over Rayalaseema during 28th November-01st December, 2025, with isolated extremely heavy falls on 30th November; isolated heavy to very heavy rainfall also likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 28th November-02nd December, 2025, with isolated extremely heavy falls on 30th November and isolated heavy rainfall over Kerala & Mahe during 27th 29th; over Telangana on 30th November & 01st December; over South Interior Karnataka on 29th November, 2025.
- Thunderstorm with lightning very likely over Tamil Nadu during 27th November-01st December; over Kerala & Mahe during 27th-29th; Coastal Andhra Pradesh & Yanam during 28th November 01st December; North interior Karnataka on 30th & South Interior Karnataka on 29th & 30th November and overAndaman & Nicobar Islandswith gusty wind speeds reaching 30-40 kmph on 28th & 29th and 40-50 kmph on 27th November.

Forecast of minimum temperatures:

- Gradual rise in minimum temperature by 2-3^o C for next 2 days over Northwest India and thereafter fall by 2-3^o C.
- Gradual fall in minimum temperature by 2-3^o C for next 2 days over the major parts of Central India and thereafter no large change.
- Gradual rise in minimum temperature by 2-3° C for next 3 days over East India and thereafter no large change.
- No large change in minimum temperature likely over West India for the next 24 hours and gradual fall in minimum temperature likely by 2-3°C for the subsequent 4 days.
- No significant change in the minimum temperature likely in north east India during next 5 days.

Dense Fog & Cold wave warning:

- Dense fog conditions very likely to prevail during early morning hours in isolated pockets of Himachal Pradesh and Haryana Chandigarh & Delhi during 28th -30th; over East Rajasthan on 30th November-01st December.
- **Cold wave conditions** very likely to prevail in isolated pockets of Punjab on 28th & 29th November; over Rajasthan on 03rd -04th December, 2025.

Wind Warning, Sea Condition, Fisherman Warning Wind Warning:

(a) Southwest Bay of Bengal, Gulf of Mannar, Comorin area and along & off Tamil Nadu, Puducherry & Sri Lanka coasts

Squally weather with wind speed reaching 55-65 gusting to 75 kmph is prevailing and likely to become Gale wind speed reaching 60-70 gusting to 80 kmph from afternoon of today, the 27th November and increase further becoming 70-80 kmph gusting to 90 kmph by 28th morning and 80-90 kmph gusting to 100 kmph by 29th morning till 30th November. Thereafter it is likely to decrease gradually on 01st December.

(b) Adjoining Westcentral Bay of Bengal and along & off Andhra Pradesh coast:

Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is prevailing. It is very likely to increase becoming squally winds speed reaching 50-60 kmph gusting to 70 kmph from 28th evening and Gale wind speed reaching 60-70 kmph gusting to 80 kmph from 29th evening till 30th November. Thereafter it is likely to decrease gradually on 01st December.





(c) Adjoining areas of Southeast Arabian Sea, Lakshadweep, Maldives and along & off Kerala coast:

Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph likely to prevail during 27th-29th November.

(d) adjoining Southeast Bay of Bengal:

Squally weather with wind speed reaching 35-45 gusting to 55 kmph is very likely till 28th November.

(e) Strait of Malacca, Malaysia and adjoining areas of South Andaman Sea, along & off Nicobar Islands, Indonesia, and Thailand:

Squally winds speed reaching 55-65 gusting to 75 kmph is prevailing and likely to decrease gradually becoming 45-55 gusting to 64 kmph by evening of today, the 27th November.

(f) Adjoining areas of North Andaman Sea

Squally weather with wind speed reaching 35-45 gusting to 55 kmph is very likely to prevail on 27th November.

Sea Condition:

(a) Southwest Bay of Bengal, Gulf of Mannar, Comorin area and along & off Tamil Nadu, Puducherry & Sri Lanka coasts

Rough to very rough sea conditions are prevailing and likely to become very rough to High from afternoon of today, the 27th November till 30th November. Thereafter it is likely to improve gradually on 01st December.

(b) Adjoining Westcentral Bay of Bengal and along & off Andhra Pradesh coast:

Rough sea conditions are prevailing. It is very likely to become rough to very rough from 28th evening and very rough to High from 29th evening till 30th November. Thereafter it is likely to improve gradually on 01st December.

(c) Adjoining areas of Southeast Arabian Sea, Lakshadweep, Maldives and along & off Kerala coast:

Rough to very rough sea conditions are likely to prevail during 27th-29th November.

(d) adjoining Southeast Bay of Bengal:

Rough sea conditions are very likely to prevail till 28th November.

(e) Strait of Malacca, Malaysia and adjoining areas of South Andaman Sea, along & off Nicobar Islands, Indonesia, and Thailand:

Very rough to rough sea conditions are prevailing and likely to become rough sea conditions by evening of today, the 27th November.

(f) Adjoining areas of North Andaman Sea

Rough sea conditions are very likely to prevail on 27th November.

Fishermen Warning:

(a) Total suspension of fishing operations in coastal areas of Sri Lanka, Tamil Nadu, Puducherry and south Andhra Pradesh coasts till 01st December.

(b) Fishermen are advised not to venture into

(i) Southwest Bay of Bengal, Gulf of Mannar, Comorin area and along & off Tamil Nadu, Puducherry & Sri Lanka



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coasts till 01st December.

- (ii) Adjoining areas of Southeast Arabian Sea, Lakshadweep, Maldives and along & off Kerala coast till 30th November.
- (iii) Southeast Bay of Bengal till 28th November.
- (iv)Adjoining areas of westcentral Bay of Bengal and along & off Andhra Pradesh coast from 27th to 30th November
- (v) Indonesia & Malaysia, Strait of Malacca, and adjoining areas of South Andaman Sea, along & off Nicobar Islands, and Thailand till 28th November.
- (c)Those out at sea should avoid southwest Bay of Bengal, Gulf of Mannar, Comorin area and along & off Tamil Nadu, Puducherry & Sri Lanka coasts; adjoining westcentral Bay of Bengal till 01st December and Southeast Arabian Sea, Lakshadweep, Maldives and along & off Kerala coast till 30th November.
- (d) The fishermen along & off South Andhra Pradesh coast should return to coast.



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Main Weather Observations:

- ♦ Rainfall distribution (from 0830 hours IST of yesterday to 0830 hours IST of today): at isolated places over Arunachal Pradesh, East Madhya Pradesh, 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): Tamil Nadu, Puducherry & Karaikal: Thangachimadam (dist Ramanathapuram) 3.
- ♦ Fog Condition Observed (at 0830 hours of today): Dense fog conditions: at isolated places over Odisha and Himachal Pradesh Shallow fog conditions: at many places over Punjab, at isolated places over East Uttar Pradesh, Haryana Chandigarh & Delhi, Himachal Pradesh and Vidarbha
- ♦ Visibility reported (at 0830 hours of today): Gangetic West Bengal: Basirhat (dist North 24 Parganas), Suri (dist Birbhum) Each; West Uttar Pradesh: Bulandshahr (dist Bulandshahr); Odisha: Sundargarh (dist Sundargarh), Bolangir, Titlagarh (dist Balangir), Koraput (dist Koraput), Chhatrapur (dist Ganjam), Rayagada-obs (dist Rayagada), Boudh (dist Boudh), Malkangiri-obs (dist Malkangiri), Paralakhemundi-obs (dist Gajapati) Each, Sonepur (dist Subarnapur) 50.0; Himachal Pradesh: Mandi (dist Mandi) 50.0, Sundernagar (dist Mandi) 500.0; East Uttar Pradesh: Lucknow (amausi) AP (dist Lucknow), Varanasi (babatpur) AP (dist Varanasi), Kanpur Airforce (dist Kanpur Nagar) 500.0 Each; Punjab: Patiala (dist Patiala), Amritsar (rajasansi) AP (dist Amritsar), Ludhiana (dist Ludhiana) 500.0 Each; Vidarbha: Wardha (dist Wardha) 500.0; Haryana Chandigarh & Delhi: New Delhi (safdarjung) (dist South West Delhi) 500.0;
- ♦ Minimum Temperature Departures (as on 27-11-2025): below normal(-1.6°C to -3.0°C) at few places over Jharkhand. The lowest minimum temperature of 5.7°C is reported at Hissar (Haryana) over the plains of India.
- ♦ Maximum Temperature Departures (as on 26-11-2025): below normal(-1.6°C to -3.0°C) at isolated places over East Rajasthan. The highest maximum temperature of 35.2°C is reported at KARWAR (KARNATAKA).



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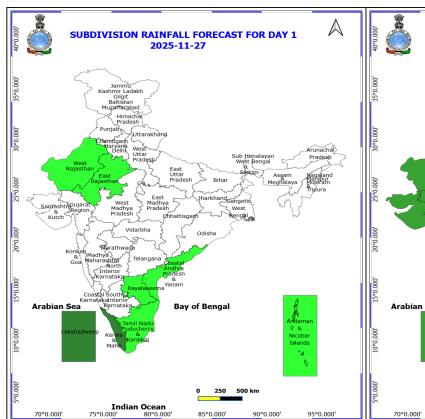
Meteorological Analysis (Based on 0830 hours IST)

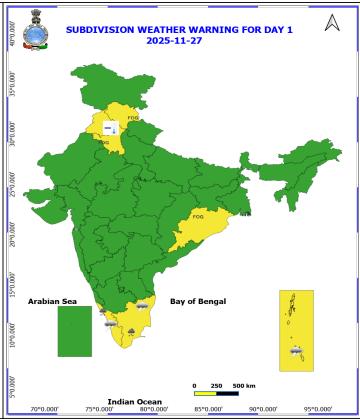
- The **Deep Depression** over southwest Bay of Bengal and adjoining Sri Lanka coast moved north-northwestwards with a speed of 17 kmph during past 6 hours, and lay centered at 0830 hrs IST of today, the 27th November 2025 over the same region near latitude 6.7°N and longitude 82.1°E, about 120 km south-southeast of Batticaloa (Sri Lanka), 130 km east-northeast of Hambantota (Sri Lanka), and, 640 km south-southeast of Puducherry (India) and 730 km south-southeast of Chennai (India). It is very likely to continue to move nearly north-northwestwards across southwest Bay of Bengal & adjoining Sri Lanka and intensify further into a cyclonic storm during next 03 hours. Thereafter, it is very likely to continue to move north-northwestwards across southwest Bay of Bengal & adjoining Sri Lanka coast towards North Tamil Nadu, Puducherry and adjoining south Andhra Pradesh coasts during subsequent 48 hours.
- The **Deep Depression [Remnant of Cyclonic Storm 'Senyar']** over the Strait of Malacca moved nearly eastwards with a speed of 18 kmph in past 6 hours, and lay centered at 0830 hours IST of today, the 27th November 2025 near latitude 3.7°N and longitude 99.6°E over the same region, about 200 km south-southwest of George Town (Malaysia), 320 km east-southeast of Kuta Makmur (Indonesia), 820 km southeast of Nancowry (Nicobar Islands) and 960 km southeast of Car Nicobar (Nicobar Islands).
- The **Western disturbance** as a **cyclonic circulation** over south Afghanistan now seen at central Pakistan adjoining Afghanistan between 3.1 & 7.6 km above mean sea level.
- An induced cyclonic circulation lies over southwest Rajasthan upto 1.5 km above mean sea level.
- The **upper air cyclonic circulation** over Tripura & neighbourhood at 1.5 km above mean sea level has become less marked.

Weather Outlook for subsequent 3 days

- Fairly widespread to widespread rainfall activity likely over North Tamil Nadu, Coastal Andhra Pradesh, Kerala and Andaman & Nicobar Islands.
- Isolated to Scattered rainfall activity over Coastal Karnataka and South Interior Karnataka.



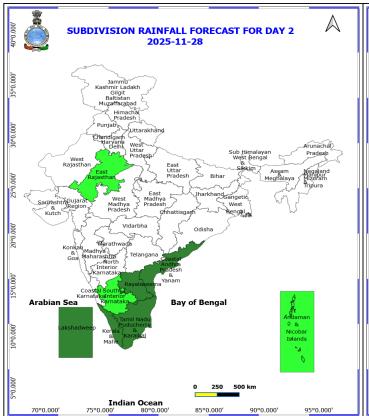


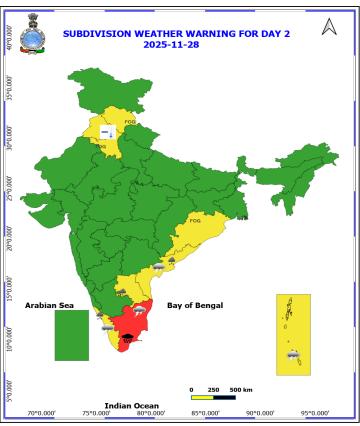


27 November (Day 1)

- Heavy Rainfall very likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ Thunderstorm accompanied with lightning & gusty winds(40-50kmph) very likely at isolated places over Andaman & Nicobar Islands.
- ♦ Thunderstorm accompanied with Lightning very likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- **Cold wave conditions** very likely at isolated places over Punjab.
- Dense Fog very likely at isolated pockets over Haryana, Chandigarh & Delhi, Himachal Pradesh and Odisha.
 - Squally weather with wind speeds reaching 35 kmph to 45 kmph gusting to 55 kmph will prevail along
 and off south Kerala coast and adjoining Lakshadweep area, over Comorin area, over south Bay of Bengal,
 along and off Tamil Nadu coast and over Andaman Sea.
 - Squally weather with wind speeds reaching 45 kmph to 55 kmph gusting to 65 kmph will prevail over Gulf of Mannar, along and off Sri Lanka coast, over south and adjoining north Andaman Sea.
 - Squally weather with wind speeds reaching 50 kmph to 60 kmph gusting to 70 kmph will prevail over south Andaman Sea and adjoining, some parts of southeast Bay of Bengal.



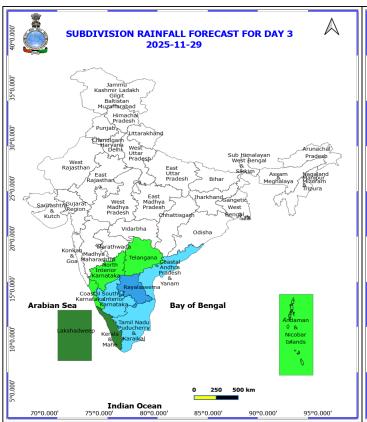


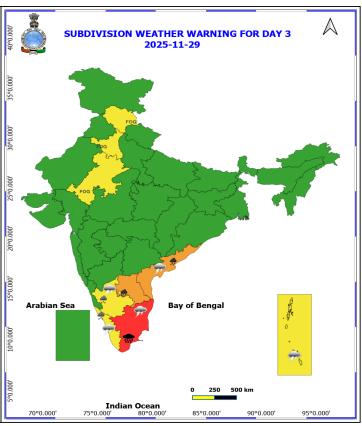


28 November (Day 2)

- Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall very likely at isolated places over Tamil Nadu Puducherry & Karaikal.
- ♦ Heavy Rainfall very likely at isolated places over Andhra Pradesh and Kerala & Mahe.
- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Andaman & Nicobar Islands.
- ♦ Thunderstorm accompanied with Lightning very likely at isolated places over Coastal Andhra Pradesh, Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- Cold wave conditions very likely at isolated places over Punjab.
- ♦ Dense Fog very likely at isolated pockets over Haryana, Chandigarh & Delhi, Himachal Pradesh and Odisha.
 - Squally weather with wind speeds reaching 35 kmph to 45 kmph gusting to 55 kmph will prevail along and off south Kerala coast and adjoining Lakshadweep area, over Comorin area, over southwest & adjoining southeast Bay of Bengal, some parts of westcentral Bay of Bengal, along and off south Andhra Pradesh coast.
 - Squally weather with wind speeds reaching 45 kmph to 55 kmph gusting to 65 kmph will prevail over Gulf of Mannar, along and off Sri Lanka, Tamil Nadu coasts, many parts of southwest Bay of Bengal.



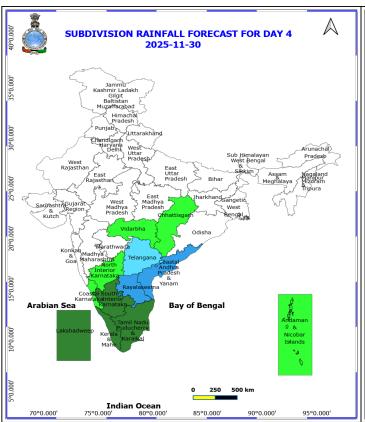


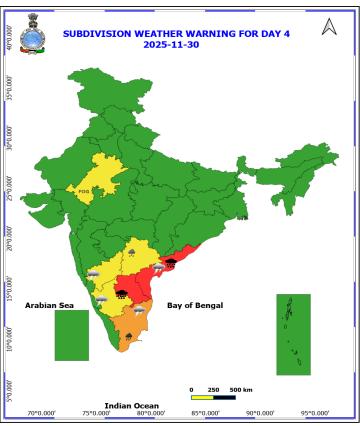


29 November (Day 3)

- Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall very likely at isolated places over Tamil Nadu Puducherry & Karaikal.
- ♦ Heavy to Very Heavy Rainfall very likely at isolated places over Andhra Pradesh.
- Heavy Rainfall very likely at isolated places over Kerala & Mahe and South Interior Karnataka.
- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Andaman & Nicobar Islands.
- ❖ Thunderstorm accompanied with Lightning very likely at isolated places over Coastal Andhra Pradesh, Kerala & Mahe, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ♦ Dense Fog very likely at isolated pockets over East Rajasthan, Haryana, Chandigarh & Delhi and Himachal Pradesh.
 - Squally weather with wind speeds reaching 35 kmph to 45 kmph gusting to 55 kmph will prevail along
 and off south Kerala coast and adjoining Lakshadweep area, over Comorin area, over southwest & adjoining
 southeast Bay of Bengal, many parts of westcentral Bay of Bengal, along and off south Andhra Pradesh
 coast.
 - Squally weather with wind speeds reaching 45 kmph to 55 kmph gusting to 65 kmph will prevail over Gulf of Mannar, along and off Sri Lanka, Tamil Nadu coasts, over Gulf of Mannar, many parts of southwest Bay of Bengal.
 - Squally weather with wind speeds reaching 50 kmph to 60 kmph gusting to 70 kmph will prevail over
 parts of southwest Bay of Bengal off north Sri Lanka coast.





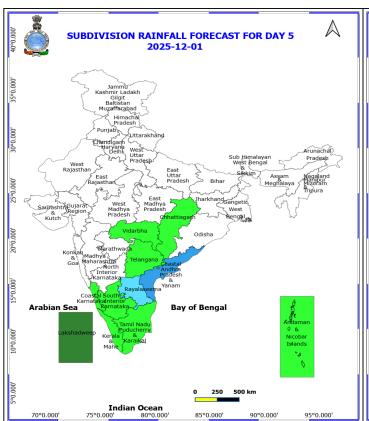


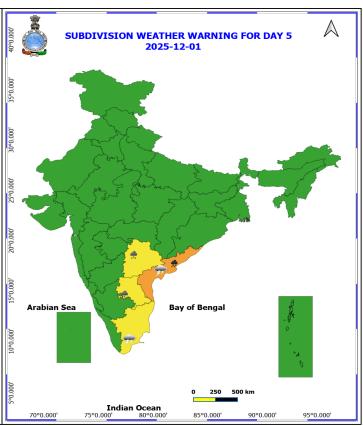
30 November (Day 4)

- ♦ Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall likely at isolated places over Andhra Pradesh.
- ♦ Heavy to Very Heavy Rainfall likely at isolated places over Tamil Nadu Puducherry & Karaikal.
- Heavy Rainfall likely at isolated places over Telangana.
- ♦ Thunderstorm accompanied with Lightning likely at isolated places over Coastal Andhra Pradesh, Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ Dense Fog likely at isolated pockets over East Rajasthan.
 - Squally weather with wind speeds reaching 35 kmph to 45 kmph gusting to 55 kmph will prevail along
 and off south Kerala coast and adjoining Lakshadweep area, over Comorin area, over southwest & adjoining
 southeast Bay of Bengal, many parts of westcentral Bay of Bengal, along and off south Andhra Pradesh
 coast
 - Squally weather with wind speeds reaching 45 kmph to 55 kmph gusting to 65 kmph will prevail over Gulf of Mannar, along and off Sri Lanka, Tamil Nadu coasts, over Gulf of Mannar, many parts of southwest Bay of Bengal.
 - Squally weather with wind speeds reaching 50 kmph to 60 kmph gusting to 70 kmph will prevail over parts of southwest Bay of Bengal off north Tamil Nadu coast.



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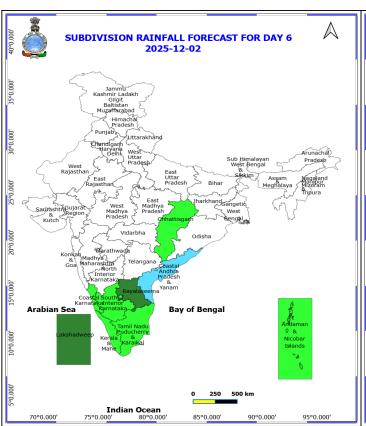
1 December (Day 5)

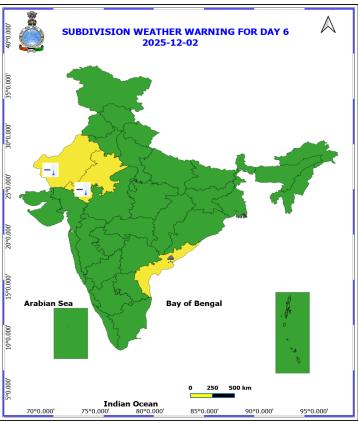
- Heavy to Very Heavy Rainfall likely at isolated places over Coastal Andhra Pradesh.
- ♦ Heavy Rainfall likely at isolated places over Rayalaseema and Telangana.
- ♦ Thunderstorm accompanied with Lightning likely at isolated places over Coastal Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.

No Fishermen Warning



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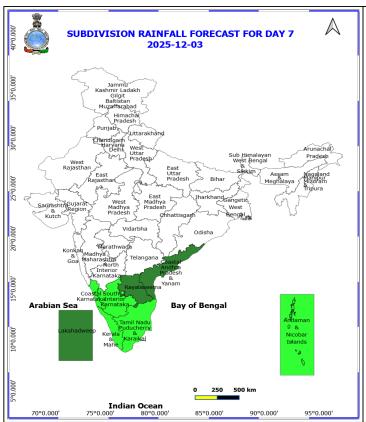
2 December (Day 6)

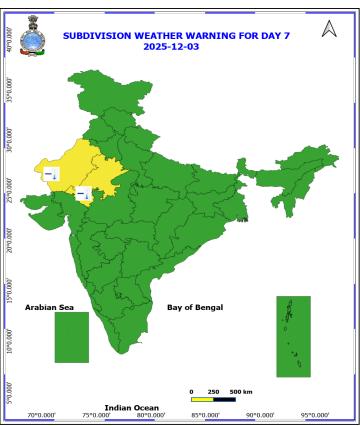
- **Heavy Rainfall** likely at isolated places over Coastal Andhra Pradesh.
- **Cold wave conditions** likely at isolated places over Rajasthan.

No Fishermen Warning



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3 December (Day 7)

❖ Cold wave conditions likely at isolated places over Rajasthan.

No Fishermen Warning



Table-1

7 Days Rainfall Forecast									
S.No.	Subdivision	27-	28-	29-	30-	1- Dec	2- Dec	3- Dec	
		Nov	Nov	Nov	Nov				
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	
1	ANDAMAN & NICOBAR ISLANDS	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	
2	ARUNACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	
3	ASSAM & MEHGHALAYA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	
4	N. M. M. & T.	DRY	DRY	DRY	DRY	DRY	DRY	DRY	
5	S.H. WEST BENGAL & SIKKIM	DRY	DRY	DRY	DRY	DRY	DRY	DRY	
6	GANGETIC WEST BENGAL	DRY	DRY	DRY	DRY	DRY	DRY	DRY	
7	ODISHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY	
8	JHARKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY	
9	BIHAR	DRY	DRY	DRY	DRY	DRY	DRY	DRY	
10	FAST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY	

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8	JHARKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY
9	BIHAR	DRY	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	DRY	DRY	DRY	DRY	DRY	DRY	DRY
13	HARYANA, CHD & 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	DRY	DRY	DRY	DRY	DRY	DRY	DRY
17	WEST RAJASTHAN	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
21	GUJRAT REGION	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
25	MARATHWADA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
26	VIDARBHA	DRY	DRY	DRY	ISOL	ISOL	DRY	DRY
27	CHATTISGARH	DRY	DRY	DRY	ISOL	ISOL	ISOL	DRY
28	COASTAL ANDHRA PRADESH	ISOL	SCT	FWS	WS	WS	FWS	SCT
29	TELANGANA	DRY	DRY	ISOL	FWS	ISOL	DRY	DRY
30	RAYALASEEMA	ISOL	SCT	WS	WS	FWS	SCT	SCT
31	TAMILNADU & PUDUCHERRY	ISOL	SCT	FWS	SCT	ISOL	ISOL	ISOL
32		DRY	DRY	ISOL	ISOL	ISOL	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	DRY	DRY	ISOL	ISOL	DRY	DRY	DRY
	SOUTH INTERIOR KARNATAKA	DRY	ISOL	FWS	SCT	ISOL	ISOL	ISOL
	KERALA	SCT	SCT	SCT	SCT	ISOL	ISOL	ISOL
36	LAKSHDWEEP	SCT	SCT	SCT	SCT	SCT	SCT	SCT
	Legend Category				%Sta	ations		

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 2025-11-26

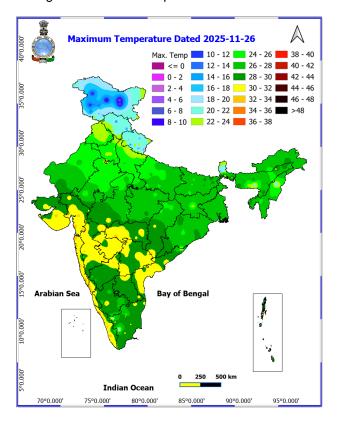


Fig. 3: Minimum Temperatures Dated 2025-11-27

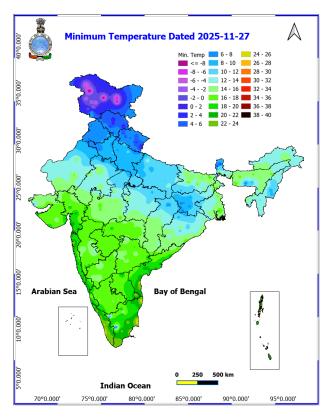


Fig. 2: Departure of Maximum Temp. Dated 2025-11-26

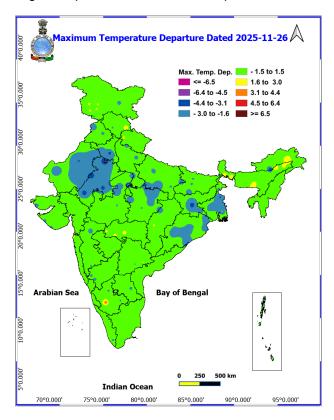
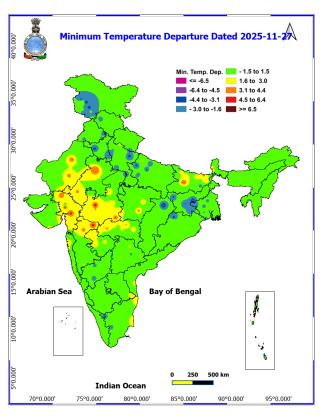
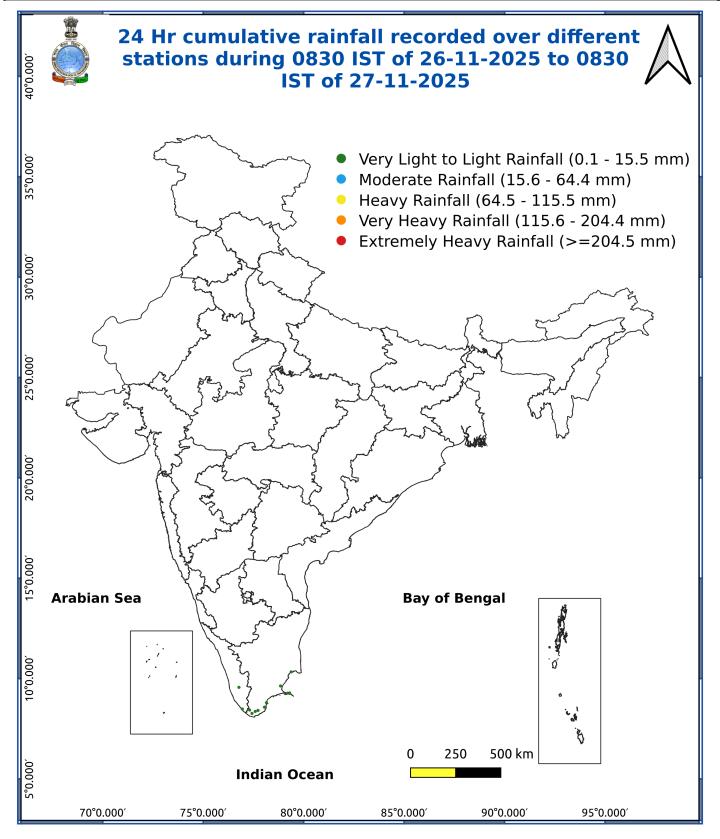


Fig. 4: Departure of Minimum Temp. Dated 2025-11-27









Impact & Action Suggested due to

• Heavy to very heavy rainfall likely over Tamil Nadu during 27th -30th November with isolated extremely heavy falls on 28th & 29th November; isolated heavy to very heavy rainfall likely over Rayalaseema during 28th November-01st December, 2025, with isolated extremely heavy falls on 30th November; isolated heavy to very heavy rainfall also likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 28th November-02nd December, 2025, with isolated extremely heavy falls on 30th November and isolated heavy rainfall over Kerala & Mahe during 27th – 29th; over Telangana on 30th November & 01st December; over South Interior Karnataka on 29th November, 2025.

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 (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 **Tamil Nadu**, drain out excess rain water from fields of rice, groundnut, sugarcane, cotton, black gram, maize and vegetables and plantations of coconut, banana, arecanut, mango, rubber, cinnamon and black pepper. Strengthen irrigation channels and field bunds in rice to avoid crop lodging. Provide support to banana plants with wooden poles to prevent them from falling.
- In **Kerala**, ensure adequate drainage facilities in fields of rice, vegetables and plantations of banana, coconut, cardamom and black pepper. Carry out propping in banana to prevent their falling due to heavy rainfall. Undertake staking for vegetables grown in pandals.
- In Andhra Pradesh, harvest the matured rice immediately and shift the harvested produce to 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

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.

Legends & abbreviations:

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.

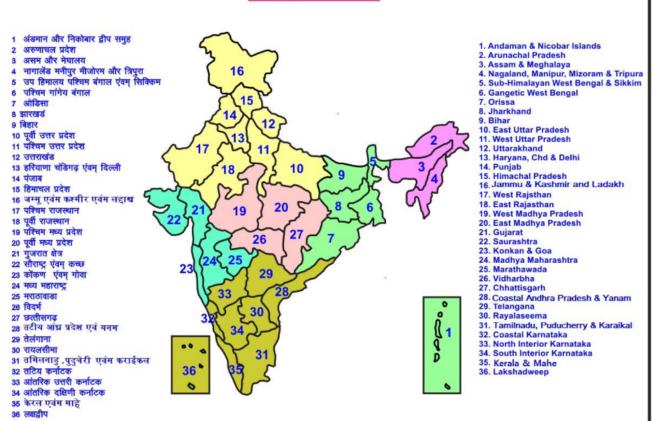
Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

West India: Gujarat Region, Saurashtra & Kutch, 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



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)

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50

Probabilistic Forecast

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

Heavy Rain





Thunderstorm & Lightning Strong surface winds

Hailstrom





Cold Wave







Hot & Humid



Ground Frost

FOG FOG



		LEGENDS			
	WARNING	Probabilistic Forecast			
	WARNING (TAKE ACTION)	Terms Probability of Occurrence (%)			
	ALERT (BE PREPARED)	Unlikely < 25 Likely 25 - 50			
	WATCH (BE UPDATED)	Very Likely 50 - 75			
- 10	NO WARNING (NO ACTION)	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 *				
When maximum temperature of a station reaches ≥40° C for plains and ≥30° C (a) Based on Departure from normal Heat Wave: Maximum Temperature Departure from normal 4.5° C to 6.4° C.					
	Heat Wave: Maximum Temperature Dep Severe Heat Wave: Maximum Tempera				
j+	(b). Based on Actual maximum tem				
Heat Wave	Heat Wave: When actual maximum tem				
	Severe Heat Wave: When actual maxim	A 10 2 3 4			
	 (c). Criteria for heat wave for coas When maximum temperature departure is temperature ≥37°C 	tal stations s >4.5°C from normal. Heat Wave may be described provided n			
9.	When maximum temperature remains				
Warm Night	Warm Night: When minimum temperatu Severe Warm Night: When minimum te	· · · · · · · · · · · · · · · · · · ·			
	Severe Warm Night: When minimum te	riperature departure 20.4 O.			
		a station ≤10°C for plains and ≤0°C for hilly region			
	(a). Based on departure Cold Wave: Minimum Temperature Departure	arture from normal -4.5 °C to -8.4 °C			
0	Severe Cold Wave: Minimum Temperature Dep				
Ŋ-	(b) Based on actual Minimum Tem				
Cold Wave	Cold Wave : When Minimum Temperature is ≤ 4.0 °C				
	Severe Cold Wave: When Minimum Te	mperature is ≤ 2.0 °C			
	(c) For Coastal Stations When Minimum Temperature departure	is ≤-4.5 °C & actual Minimum Temperature is ≤ 15 °C			
		station ≤10°C for plains and ≤0°C for hilly regions			
1-	Based on departure				
Cold Day	Cold Day: Maximum Temperature Depa				
	Severe Cold Day: Maximum Temperatu	re Departure from normal 5 -6.5 °C			
_		s suspended in air and the horizontal visibility			
•	Moderate Fog: When the visibility between Dense Fog: when the visibility between				
Fog	Very Dense Fog: when the visibility < 50				
44	Sudden electrical discharges mani sound (thunder)	fested by a flash of light (Lightning) and a sharp rum			
hunderstorm	oouna (manaor)				
Dust/Sand Storm	An ensemble of particles of dust o turbulent wind.	r sand energetically lifted to great heights by a strong			
	Ice deposits on ground				
~	ice deposits on ground				
55	Air temperature ≤4°C (over Plains)				
55 Frost	Air temperature ≤4°C (over Plains) A strong wind that rises sudden	enly, lasts for atleast 1 minute.			
SS Frost	Air temperature ≤4°C (over Plains)	enly, lasts for atleast 1 minute.			
Frost Squall	Air temperature ≤4°C (over Plains) A strong wind that rises sudd Moderate: Wind speed 52-61 kmph	enly, lasts for atleast 1 minute.			
€F	Air temperature ≤4°C (over Plains) A strong wind that rises sudd Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph				
€F	Air temperature ≤4°C (over Plains) A strong wind that rises sudd 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 41-4	over specific area 62 kmph (22-33 knots) & Wave height 2.5-6 metre			
€F	Air temperature ≤4°C (over Plains) A strong wind that rises sudd. 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 41-4 High to very high: Wind speed 63-117 kmph	over specific area 62 kmph (22-33 knots) & Wave height 2.5-6 metre kmph (34-63 knots) & Wave height 6-14 metre			
Squall	Air temperature ≤4°C (over Plains) A strong wind that rises sudd 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 41-4 High to very high: Wind speed 63-117 kmph (32-117 kmph)	over specific area 62 kmph (22-33 knots) & Wave height 2.5-6 metre kmph (34-63 knots) & Wave height 6-14 metre >63 knots) & Wave height >14 metre			
Squall	Air temperature ≤4°C (over Plains) A strong wind that rises sudd 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 41-4 High to very high: Wind speed 63-117 kmph (20 kmph) (20	over specific area 62 kmph (22-33 knots) & Wave height 2.5-6 metre kmph (34-63 knots) & Wave height 6-14 metre -63 knots) & Wave height >14 metre -64 knots) & Wave height >14 metre			
Squall	Air temperature ≤4°C (over Plains) A strong wind that rises sudd 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 41-4 High to very high: Wind speed 63-117 kmph (32-117 kmph)	over specific area 62 kmph (22-33 knots) & Wave height 2.5-6 metre kmph (34-63 knots) & Wave height 6-14 metre >63 knots) & Wave height >14 metre ph (34-47 knots) 8-117 kmph (48-63 knots)			
Squall	Air temperature ≤4°C (over Plains) A strong wind that rises sudden Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed >87 kmph Very Severe: Wind speed >87 kmph Very Severe: Wind speed >87 kmph Very Severe: Wind speed >17 kmph (30 kmph 17 kmph 18 kmph 19 kmp	over specific area 62 kmph (22-33 knots) & Wave height 2.5-6 metre kmph (34-63 knots) & Wave height 6-14 metre >63 knots) & Wave height >14 metre ph (34-47 knots) 8-117 kmph (48-63 knots) eed 118-165 kmph (64 - 89 knots) ind speed 166-220 kmph (90 -119 knots)			