



Tuesday 24 August 2021

EVENING

Time of Issue: 1630 hours IST

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

- ◆ The western end of the monsoon trough lies to the north of its normal position and the eastern end lies along the foothills of Himalayas. The monsoon trough is very likely to run close to foothills of Himalayas by 25th Aug and continue to remain there till 26th August. In view of formation of a cyclonic circulation over west central and adjoin northwest Bay of Bengal on 27th Aug, the eastern end of the monsoon trough is likely to shift southwards from 27th August.
- ◆ Strong southerly/southwesterly winds from Bay of Bengal to northeast India very likely to continue to prevail till 25th August, 2021
- ◆ Due to above meteorological conditions:
 - (i) Widespread rainfall activity with isolated heavy to very heavy falls very likely to continue over Northeast India, Sub-Himalayan West Bengal & Sikkim till 27th August and reduce thereafter with isolated heavy rainfall over the region. Isolated extremely heavy falls also likely over Assam & Meghalaya during 24th & 25th August, 2021.
 - (ii) Fairly widespread to widespread rainfall activity with isolated heavy falls very likely to continue over Bihar, East Uttar Pradesh and Uttarakhand till 27th August.
 - (iii) Scattered to fairly widespread rainfall activity with Isolated heavy falls over Tamilnadu during next 5 days and over Kerala & Mahe on 26th-28th August.
 - (iv) Thunderstorm accompanied with lightning over East India during next 3 days.
 - (v) Subdued rainfall activity likely to continue over Northwest & Central India and West Coast during next 5 days.

Main Weather Observations

- ◆ **Rainfall/Thundershowers observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at most places** over Arunachal Pradesh, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim and Bihar; **at many places** over East Uttar Pradesh, Nagaland, Manipur, Mizoram & Tripura, Vidarbha, South Interior Karnataka and Kerala & Mahe; **at a few places** over Uttarkhand, Jharkhand, Gangetic West Bengal, Marathwada, Telangana, Rayalaseema, Coastal Karnataka and Tamil Nadu, Puducherry & Karaikal and **at isolated places** over Himachal Pradesh, Punjab, Haryana, Chandigarh & Delhi, Rajasthan, West Uttar Pradesh, Madhya Pradesh, Chhattisgarh, Odisha, Gujarat state, Konkan & Goa, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam and North Interior Karnataka.
- ◆ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Extremely Heavy Rainfall** at isolated places over Assam & Meghalaya; **Very Heavy Rainfall** at isolated places over Uttarakhand, Marathwada, Bihar and East Uttar Pradesh and **Heavy Rainfall** at isolated places over Sub-Himalayan West Bengal & Sikkim, Coastal Andhra Pradesh & Yanam, Rayalaseema, Tamilnadu, Puducherry & Karaikal, South Interior Karnataka, Telangana, Madhya Maharashtra, Odisha and Arunachal Pradesh.
- ◆ **Rainfall Amount** recorded (from 0830 hours IST of yesterday to 0830 hours IST of today) (7 cm or more): Mawsynram-23; Sohra-20; Mawkyrwat-19; Kheri-14; Osmanabad-13; East Champaran, Champawat and Beed-12 each; Kishanganj-11; Barabanki, Sitapur and Wakro-10 each; Keonjhar and Anantapur-9 each; Gangtok, Ghazipur, Shella and Tumakuru-8 each; Bahraich, Balrampur, Prakasam, Siddipet, Erode, Jalpaiguri, Sheohar, Monghyr, Sholapur and Toothukudi-7 each.
- ◆ **Thunderstorm** observed (from 0830 hours IST to 1430 hours IST of today): at isolated places over Bihar, West Bengal & Sikkim, Chhattisgarh and Coastal Andhra Pradesh & Yanam.
- ◆ **Maximum Temperature Departures as on 23-08-2021:** Maximum temperatures were **appreciably above normal (3.1°C to 5.0°C)** at many places over Uttarakhand, Jharkhand, Chhattisgarh and Telangana; at a few places over Gangetic West Bengal, Vidarbha, Odisha, Madhya Maharashtra and North Interior Karnataka; at isolated places over Gujarat and Rajasthan; **above normal (1.6°C to 3.0°C)** at most places over Marathwada; at many places over East Madhya Pradesh, Konkan & Goa, South Interior Karnataka and Kerala & Mahe; at a few places over Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh, East Uttar Pradesh, Andaman & Nicobar Islands, Coastal Andhra Pradesh & Yanam and Coastal Karnataka and at isolated places over West Madhya Pradesh. They were **appreciably below normal (-3.1°C to -5.0°C)** at a few places over Tamil Nadu, Puducherry & Karaikal; **below normal (-1.6°C to -3.0°C)** at many places over Sub-Himalayan West Bengal & Sikkim; at isolated places over Assam & Meghalaya and near normal over rest parts of the country. Yesterday, the **highest maximum temperature of 41.0°C** was reported at **Jaisalmer (West Rajasthan)**.
- ◆ **Minimum Temperature Departures as on 24-08-2021:** Minimum temperatures are **above normal (1.6°C to 3.0°C)** at most places over Uttarakhand; at many places over East Rajasthan; at a few places over Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh, Haryana, Chandigarh & Delhi, West Uttar Pradesh, West Rajasthan, Madhya Pradesh, Vidarbha, Odisha and Jharkhand; at isolated places over Punjab, East Uttar Pradesh, West Bengal & Sikkim and Saurashtra & Kutch. They are **below normal (-1.6°C to -3.0°C)** at a few places over Tamil Nadu, Puducherry & Karaikal; at isolated places over Lakshadweep and **near normal** over rest parts of the country. Today, the lowest **minimum temperature of 19.0°C** reported at **Bulsar (Gujarat Region)** over the plains of the country.

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Meteorological Analysis (Based on 1430 hours IST)

- ◆ The monsoon trough continues to pass through Ferozepur, Panipat, Meerut, Gorakhpur and thence east-northeastwards along the foothills of Himalayas.
- ◆ The cyclonic circulation over northwest Rajasthan & neighbourhood extending upto 0.9 km above mean sea level persists.
- ◆ The cyclonic circulation over Central Pakistan & neighbourhood at 1.5 km above mean sea level persists.
- ◆ The Western Disturbance as a trough in upper tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 64°E to the north of Lat. 32°N persists.
- ◆ The cyclonic circulation over Southwest Bay of Bengal off Tamilnadu coast at 3.1 km above mean sea level persists.
- ◆ The east-west shear zone roughly along Latitude 10°N between 4.5 km & 5.8 km above mean sea level persists.

Weather Forecast for next 5 days * upto 0830 hours IST of 29th August, 2021

- ◆ Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.
- ◆ No significant change in maximum temperatures over most parts of the country during next 5 days.

Weather Outlook for subsequent 2 days from 29th August 2021 to 31st August 2021

- ◆ Fairly widespread to widespread rainfall with isolated heavy falls likely over most parts of Northeast and East India. Under the influence of southward shifting of the monsoon trough, enhanced rainfall activity with scattered to fairly widespread rainfall likely over Northwest, Central and West India. Fairly widespread rainfall over peninsular India, Islands and along the west coast. Isolated rainfall likely over Rajasthan and Gujarat state.

Weather Warning during next 5 days *

24 August (Day 1): ♦ **Heavy to very heavy rainfall** with **extremely heavy falls** very likely at isolated places over Assam & Meghalaya; **Heavy to very heavy rainfall** at isolated places over Sub-Himalayan West Bengal & Sikkim and **Heavy rainfall** at isolated places over Uttarakhand, Uttar Pradesh, Bihar, Arunachal Pradesh and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning** very likely at isolated places over Uttarakhand, Haryana, Chandigarh & Delhi, northeast Rajasthan, Uttar Pradesh, Bihar, Jharkhand, West Bengal & Sikkim, Odisha, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Kerala & Mahe and Tamilnadu, Puducherry & Karaikal.

♦ **Strong winds (speed 40-50 kmph gusting to 60 kmph)** very likely over Southwest and Westcentral Arabian Sea. Fishermen are advised not to venture into these areas.

25 August (Day 2): ♦ **Heavy to very heavy rainfall** with **extremely heavy falls** very likely at isolated places over Assam & Meghalaya; **Heavy to very heavy rainfall** at isolated places over Bihar, Sub-Himalayan West Bengal & Sikkim and Arunachal Pradesh and **Heavy rainfall** at isolated places over Uttarakhand, East Uttar Pradesh and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning** very likely at isolated places over Uttarakhand, East Uttar Pradesh, Bihar, Jharkhand, West Bengal & Sikkim, Odisha, Coastal Andhra Pradesh & Yanam, Telangana, Kerala & Mahe and Tamilnadu, Puducherry & Karaikal.

♦ **Strong winds (speed 40-50 kmph gusting to 60 kmph)** very likely over Southwest and Westcentral Arabian Sea. Fishermen are advised not to venture into these areas.

26 August (Day 3): ♦ **Heavy to very heavy rainfall** very likely at isolated places over Uttarakhand, Bihar, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh and Assam & Meghalaya and **Heavy rainfall** at isolated places over East Uttar Pradesh, Gangetic West Bengal, Odisha, Nagaland, Manipur, Mizoram & Tripura, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning** very likely at isolated places over Uttarakhand, East Uttar Pradesh, East Madhya Pradesh, Vidarbha, Chhattisgarh, Bihar, Jharkhand, West Bengal & Sikkim, Odisha, Coastal Andhra Pradesh & Yanam, Telangana and Tamilnadu, Puducherry & Karaikal.

♦ **Strong winds (speed 40-50 kmph gusting to 60 kmph)** very likely over Southwest and Westcentral Arabian Sea. Fishermen are advised not to venture into these areas.

27 August (Day 4): ♦ **Heavy to very heavy rainfall** likely at isolated places over Uttarakhand, Sub-Himalayan West Bengal & Sikkim and Arunachal Pradesh and **Heavy rainfall** at isolated places over East Uttar Pradesh, Bihar, Jharkhand, Odisha, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, South Interior Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning** likely at isolated places over Uttarakhand, Uttar Pradesh, East Madhya Pradesh, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana and Tamilnadu, Puducherry & Karaikal.

♦ **Strong winds (speed 40-50 kmph gusting to 60 kmph)** likely over Southwest and Westcentral Arabian Sea. Fishermen are advised not to venture into these areas.

28 August (Day 5): ♦ **Heavy rainfall** likely at isolated places over Uttarakhand, East Uttar Pradesh, Bihar, Jharkhand, Odisha, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Coastal & South Interior Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning** likely at isolated places over Uttarakhand, Uttar Pradesh, East Madhya Pradesh, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana and Tamilnadu, Puducherry & Karaikal.

♦ **Strong winds (speed 40-50 kmph gusting to 60 kmph)** likely over Southwest and Westcentral Arabian Sea. Fishermen are advised not to venture into these areas.

Kindly download **MAUSAM APP** for location specific forecast & warning, **MEGHDOOT APP** for Agromet advisory and **DAMINI APP** for Lightning Warning & visit state MC/RMC websites for district wise warning.

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Table-1
5 Day Rainfall Forecast (EVENING)
24-August-2021

Met-Sub-Division	24-Aug Today	25Aug Wed	26Aug Thu	27Aug Fri	28Aug Sat
1. Andaman & Nicobar Islands	FWS	WS	WS	WS	WS
2. Arunachal Pradesh	WS	WS	WS	WS	WS
3. Assam & Meghalaya	WS	WS	WS	WS	FWS
4. N. M. M. & T.	FWS	WS	WS	FWS	FWS
5. S.H. West Bengal & Sikkim	WS	WS	WS	WS	WS
6. Gangetic West Bengal	SCT	FWS	WS	FWS	FWS
7. Odisha	SCT	SCT	FWS	FWS	FWS
8. Jharkhand	SCT	SCT	SCT	FWS	FWS
9. Bihar	FWS	WS	WS	FWS	FWS
10. East Uttar Pradesh	FWS	FWS	FWS	FWS	FWS
11. West Uttar Pradesh	SCT	ISOL	ISOL	ISOL	SCT
12. Uttarakhand	FWS	FWS	FWS	WS	WS
13. Haryana, Chd & Delhi	ISOL	ISOL	ISOL	ISOL	SCT
14. Punjab	ISOL	ISOL	ISOL	ISOL	SCT
15. Himachal Pradesh	SCT	SCT	SCT	FWS	FWS
16. J & K and Ladakh	ISOL	ISOL	SCT	FWS	WS
17. West Rajsthan	ISOL	DRY	DRY	DRY	DRY
18. East Rajasthan	ISOL	DRY	DRY	DRY	ISOL
19. West Madhya Pradesh	ISOL	ISOL	ISOL	ISOL	ISOL
20. East Madhya Pradesh	ISOL	ISOL	ISOL	SCT	SCT
21. Gujarat Region	ISOL	ISOL	ISOL	ISOL	ISOL
22. Saurashtra & Kutch	ISOL	ISOL	DRY	DRY	DRY
23. Konkan & Goa	SCT	FWS	WS	WS	WS
24. Madhya Maharashtra	SCT	SCT	SCT	SCT	SCT
25. Marathawada	SCT	ISOL	ISOL	ISOL	ISOL
26. Vidharbha	ISOL	ISOL	ISOL	SCT	SCT
27. Chhattisgarh	ISOL	ISOL	SCT	SCT	FWS
28. Coastal A. P. & Yanam	SCT	SCT	SCT	SCT	SCT
29. Telangana	SCT	SCT	FWS	FWS	FWS
30. Rayalaseema	SCT	SCT	SCT	SCT	SCT
31. T.N.,Puducherry & Karaikal	SCT	SCT	SCT	SCT	SCT
32. Coastal Karnataka	FWS	FWS	WS	WS	WS
33. North Interior Karnataka	SCT	SCT	SCT	FWS	FWS
34. South Interior Karnataka	FWS	FWS	WS	WS	WS
35. Kerala & Mahe	FWS	FWS	WS	WS	WS
36. Lakshadweep	WS	WS	WS	WS	WS

% Station Reporting Rainfall

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

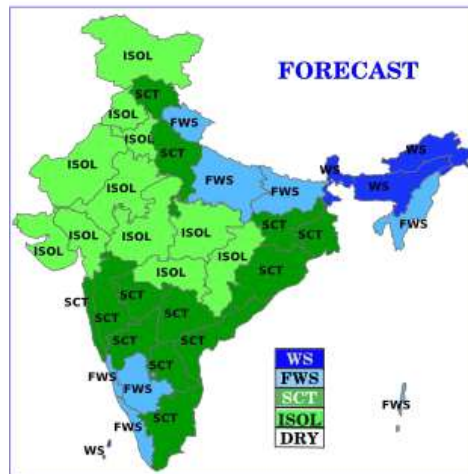
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24 August (Day 1): ♦ **Heavy to very heavy rainfall** with **extremely heavy falls** very likely at isolated places over Assam & Meghalaya; **Heavy to very heavy rainfall** at isolated places over Sub-Himalayan West Bengal & Sikkim and **Heavy rainfall** at isolated places over Uttarakhand, Uttar Pradesh, Bihar, Arunachal Pradesh and Tamil Nadu, Puducherry & Karaikal.

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♦ **Strong winds (speed 40-50 kmph gusting to 60 kmph)** very likely over Southwest and Westcentral Arabian Sea. Fishermen are advised not to venture into these areas.

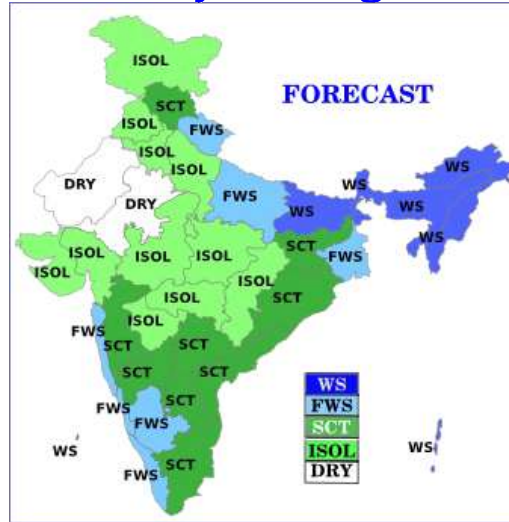
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Wednesday 25 August 2021



25 August (Day 2): ♦ **Heavy to very heavy rainfall** with **extremely heavy falls** very likely at isolated places over Assam & Meghalaya; **Heavy to very heavy rainfall** at isolated places over Bihar, Sub-Himalayan West Bengal & Sikkim and Arunachal Pradesh and **Heavy rainfall** at isolated places over Uttarakhand, East Uttar Pradesh and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning** very likely at isolated places over Uttarakhand, East Uttar Pradesh, Bihar, Jharkhand, West Bengal & Sikkim, Odisha, Coastal Andhra Pradesh & Yanam, Telangana, Kerala & Mahe and Tamilnadu, Puducherry & Karaikal.

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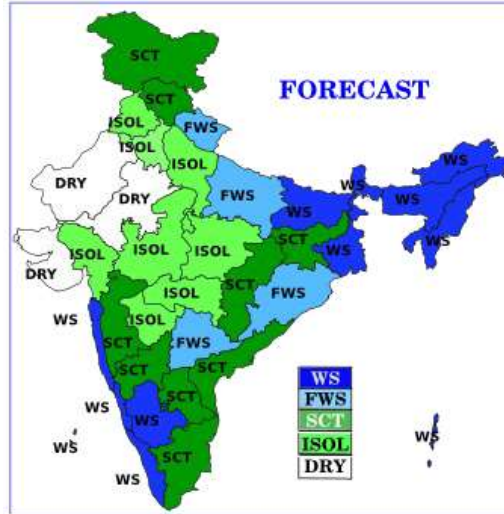
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Thursday 26 August 2021



26 August (Day 3): ♦ **Heavy to very heavy rainfall** very likely at isolated places over Uttarakhand, Bihar, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh and Assam & Meghalaya and **Heavy rainfall** at isolated places over East Uttar Pradesh, Gangetic West Bengal, Odisha, Nagaland, Manipur, Mizoram & Tripura, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning** very likely at isolated places over Uttarakhand, East Uttar Pradesh, East Madhya Pradesh, Vidarbha, Chhattisgarh, Bihar, Jharkhand, West Bengal & Sikkim, Odisha, Coastal Andhra Pradesh & Yanam, Telangana and Tamilnadu, Puducherry & Karaikal.

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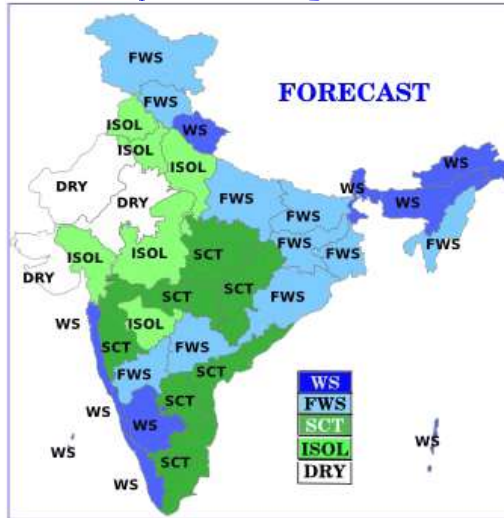
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Friday 27 August 2021



27 August (Day 4): ♦ **Heavy to very heavy rainfall** likely at isolated places over Uttarakhand, Sub-Himalayan West Bengal & Sikkim and Arunachal Pradesh and **Heavy rainfall** at isolated places over East Uttar Pradesh, Bihar, Jharkhand, Odisha, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, South Interior Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning** likely at isolated places over Uttarakhand, Uttar Pradesh, East Madhya Pradesh, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana and Tamilnadu, Puducherry & Karaikal.

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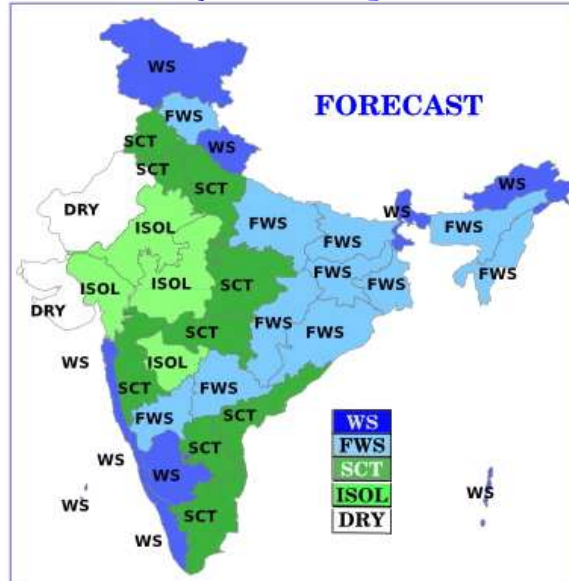
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Saturday 28 August 2021



28 August (Day 5): ♦ **Heavy rainfall** likely at isolated places over Uttarakhand, East Uttar Pradesh, Bihar, Jharkhand, Odisha, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Coastal & South Interior Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning** likely at isolated places over Uttarakhand, Uttar Pradesh, East Madhya Pradesh, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana and Tamilnadu, Puducherry & Karaikal.

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