



Tuesday 30 August 2022

**MORNING**

Time of Issue: 0800 hours IST

## ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

### Significant Weather Features

- ◆ The **monsoon trough** at mean sea level runs close to foothills of the Himalayas.
- ◆ A cyclonic circulation lies over north Jharkhand in lower tropospheric levels.
- ◆ A cyclonic circulation lies over south Coastal Andhra Pradesh in lower & middle tropospheric levels.
- ◆ A trough runs from Southeast Bay of Bengal to cyclonic circulation over south Coastal Andhra Pradesh in lower tropospheric levels.
- ◆ Under the influence of the above systems:
  - i) Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls and thunderstorm/lightning** very likely over Nagaland, Manipur, Mizoram & Tripura during 31st August-03rd September and over Arunachal Pradesh and Assam & Meghalaya during next 5 days. Isolated **very heavy rainfall** also likely over Arunachal Pradesh and Assam & Meghalaya during 31st August-03rd September, 2022.
  - ii) Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Bihar during 30th August-01st September and over Sub-Himalayan West Bengal & Sikkim during next 5 days. Isolated **very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim during 30th August-01st September, 2022.
  - iii) Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls and thunderstorm/lightning** very likely over Uttarakhand on 31st August & 01st September 2022.
  - iv) Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls and thunderstorm/lightning** very likely over North Interior Karnataka on 30th; Tamil Nadu during 30th August-01st September; Lakshadweep on 01st-03rd September and over Coastal & South Interior Karnataka and Kerala & Mahe during next 5 days.

### Main Weather Observations

- ◆ **Rainfall/thundershower observed (from 0830 hours IST to 1730 hours IST of yesterday):** at most places over Arunachal Pradesh, Kerala & Mahe and South Interior Karnataka; **at many places** over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad and Telangana; **at a few places** over Sub-Himalayan West Bengal & Sikkim, Himachal Pradesh, Uttarakhand, West Madhya Pradesh and Andaman & Nicobar Islands and **at isolated places** over Assam & Meghalaya, Gangetic West Bengal, Punjab, Bihar, Jharkhand, Uttar Pradesh, Odisha, East Madhya Pradesh, Vidarbha, Coastal & North Interior Karnataka and Tamilnadu, Puducherry & Karaikal.
- ◆ **Chief amount of Rainfall observed (from 0830 hours IST to 1730 hours IST of yesterday)(1 cm or more):** Jalpaiguri and Katra - 4 each; Hoshangabad, Medak and Adilabad - 3 each; Itanagar, Ranchi, Shimla, Nowgong and Nazimabad - 2 each and Chiutradurga, Bangalore Raisen, Sidhi, Rewa, Sundergarh, Mahbubnagar, Gulbarga, Gadag, Tiruppattur, Coimbatore and Tiruttani - 1 each.
- ◆ **Thunderstorm observed (from 0830 hours IST to 1730 hours IST of yesterday):** at isolated places over Jammu Division, Himachal Pradesh, Haryana, Chandigarh & Delhi, Bihar, East Madhya Pradesh, Telangana, North & South Interior Karnataka, Vidarbha, Assam & Meghalaya, Telangana and Tamilnadu, Puducherry & Karaikal.
- ◆ **Minimum Temperature Departures (as on 29-08-2022):** Minimum temperatures were **above normal (1.6°C to 3.0°C)** at many places over Punjab, Telangana and Marathwada; at a few places over Himachal Pradesh and Odisha and at isolated places over West Bengal & Sikkim and West Pradesh. They were **below normal (-1.6°C to -3.0°C)** at a few places over Rayalaseema and Tamil Nadu, Puducherry & Karaikal and at isolated places over Rajasthan and near normal over rest parts of the country. **Yesterday**, the lowest minimum temperature of **20.8°C** was reported at **Mandla (East Madhya Pradesh)** over the plains of the country.
- ◆ **Maximum Temperature Departures (as on 29-08-2022):** Maximum temperatures were **appreciably above normal (3.1°C to 5.0°C)** at a few places over Odisha; **above normal (1.6°C to 3.0°C)** at many places over Gangetic West Bengal, Chhattisgarh, Gujarat Region and Madhya Maharashtra; at a few places over Assam & Meghalaya, Himachal Pradesh, Haryana, Chandigarh & Delhi, Telangana and Andaman & Nicobar Islands and at isolated places over West Madhya Pradesh, Saurashtra & Kutch and Konkan & Goa. They were **appreciably below normal (-3.1°C to -5.0°C)** at isolated places over Tamilnadu, Puducherry & Karaikal; **below normal (-1.6°C to -3.0°C)** at many places over East Rajasthan and East Madhya Pradesh and at a few places over Sub-Himalayan West Bengal & Sikkim and near normal over rest parts of the country. **Yesterday**, the lowest Maximum temperature of **37.8°C** was reported at **Hissar (Haryana)** over the plains of the country.

\* 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 [www.imd.gov.in](http://www.imd.gov.in) or contact : +91 11 24631913, 24643965, 24629798

(Copies to the Media upto 1070)



### Meteorological Analysis (Based on 0530 hours IST)

- ◆ The **monsoon trough** at mean sea level continues to run close to foothills of the Himalayas.
- ◆ The cyclonic circulation over north Jharkhand & neighbourhood between 1.5 km & 3.1 km above mean sea level persists.
- ◆ The **Western Disturbance** as a trough in mid-tropospheric levels with its axis at 5.8 km above mean sea level roughly along Long.65°E to the north of Lat.30°N persists.
- ◆ The cyclonic circulation over south Coastal Andhra Pradesh & neighbourhood extending upto 5.8 km above mean sea level tilting southwards with height persists.
- ◆ The trough from Southeast Bay of Bengal to cyclonic circulation over south Coastal Andhra Pradesh & neighbourhood extending upto 3.1 km above mean sea level tilting southwards with height persists.

### Weather Forecast for next 5 days \* upto 0830 hours IST of 04th September, 2022

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

### Weather Outlook for subsequent 2 days During 04rd September- 06th September, 2022

- ◆ Fairly widespread to widespread light/moderate rainfall activity likely over south Peninsular India, West Coast, Central, Northeast & East India.
- ◆ Isolated to scattered light/moderate rainfall activity over remaining parts of the country except Rajasthan, Gujarat state where dry weather is likely.

\* 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 [www.imd.gov.in](http://www.imd.gov.in) or contact : +91 11 24631913, 24643965, 24629798

(Circle to the Nation since 1975)

## Weather Warning during next 5 days \*

**30 Aug (Day 1):** ♦ **Heavy to very heavy rainfall** at isolated places very likely over Sub-Himalayan West Bengal & Sikkim and **heavy rainfall** at isolated places over Bihar, Arunachal Pradesh, Assam & Meghalaya, Karnataka, Telangana, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning & gusty winds (speed 40-50 kmph)** at isolated places very likely over Rayalaseema and **with lightning** at isolated places over Himachal Pradesh, Uttarakhand, East Uttar Pradesh, East Madhya Pradesh, Vidarbha, Chhattisgarh, Bihar, Jharkhand, West Bengal & Sikkim, Madhya Maharashtra, Marathwada, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Telangana, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and Lakshadweep.

♦ **Squally weather** (wind speed 40-45 kmph gusting to 55 kmph) is very likely over along and off Kerala coast, adjoining Lakshadweep area and Maldives. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over southwest Arabian Sea and adjoining west-central, along and off Somalia coast, Lakshadweep area, Maldives, Comorin area. Fishermen are advised not to venture into these seas.

**31 Aug (Day 2):** ♦ **Heavy to very heavy rainfall** at isolated places likely over Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh and Assam & Meghalaya and **heavy rainfall** at isolated places over Uttarakhand, Bihar, Nagaland, Manipur, Mizoram & Tripura, Coastal & South Interior Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning & gusty winds (speed 30-40 kmph)** at isolated places very likely over Rayalaseema and **with lightning** at isolated places over Uttarakhand, West Uttar Pradesh, Bihar, Sub-Himalayan West Bengal & Sikkim, Odisha, Madhya Maharashtra, Marathwada, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Telangana, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and Lakshadweep.

♦ **Squally weather** (wind speed 40-45 kmph gusting to 55 kmph) is very likely over along and off Kerala coast, adjoining Lakshadweep area and Maldives. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over southwest Arabian Sea and adjoining west-central, along and off Somalia coast, Comorin area, Gulf of Mannar, south of southwest Bay of Bengal and adjoining southeast Bay of Bengal, along and off south Tamil Nadu coast. Fishermen are advised not to venture into these seas.

**01 Sept (Day 3):** ♦ **Heavy to very heavy rainfall** at isolated places likely over Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh and Assam & Meghalaya and **heavy rainfall** at isolated places over Uttarakhand, Bihar, Nagaland, Manipur, Mizoram & Tripura, Coastal & South Interior Karnataka, Kerala & Mahe, Lakshadweep and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning** at isolated places likely over Uttarakhand, West Uttar Pradesh, Bihar, Odisha, Madhya Maharashtra, Marathwada, Konkan & Goa, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and Lakshadweep.

♦ **Squally weather** (wind speed 40-45 kmph gusting to 55 kmph) is likely over along and off Kerala coast, adjoining Lakshadweep area and Maldives. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over southwest Arabian Sea and adjoining west-central, along and off Somalia coast, Comorin area, Gulf of Mannar, south of southwest Bay of Bengal and adjoining southeast Bay of Bengal, along and off south Tamil Nadu coast. Fishermen are advised not to venture into these seas.

**02 Sept (Day 4):** ♦ **Heavy to very heavy rainfall** at isolated places likely over Arunachal Pradesh and Assam & Meghalaya and **heavy rainfall** at isolated places over Sub-Himalayan West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura, Coastal & South Interior Karnataka, Kerala & Mahe and Lakshadweep.

♦ **Thunderstorm accompanied with lightning** at isolated places likely over Jammu & Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh, Uttarakhand, East Uttar Pradesh, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and Lakshadweep.

♦ **Squally weather** (wind speed 40-45 kmph gusting to 55 kmph) is likely over along and off Kerala coast, adjoining Lakshadweep area and Maldives. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over southwest Arabian Sea and adjoining west-central, along and off Somalia coast, Comorin area, Gulf of Mannar, south of southwest Bay of Bengal and adjoining southeast Bay of Bengal, along and off south Tamil Nadu coast. Fishermen are advised not to venture into these seas.

**03 Sept (Day 5):** ♦ **Heavy to very heavy rainfall** at isolated places likely over Arunachal Pradesh and Assam & Meghalaya and **heavy rainfall** at isolated places over Sub-Himalayan West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura, Coastal & South Interior Karnataka, Kerala & Mahe, Andaman & Nicobar Islands, and Lakshadweep.

♦ **Thunderstorm accompanied with lightning** at isolated places likely over Jammu & Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh, Uttarakhand, East Uttar Pradesh, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and Lakshadweep.

♦ **Squally weather** (wind speed 40-45 kmph gusting to 55 kmph) is likely over along and off Kerala coast, adjoining Lakshadweep area and Maldives. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over southwest Arabian Sea and adjoining west-central, along and off Somalia coast, Comorin area, Gulf of Mannar, south of southwest Bay of Bengal and adjoining southeast Bay of Bengal, along and off south Tamil Nadu coast. Fishermen are advised not to venture into these seas.

**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.**

\* 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 [www.imd.gov.in](http://www.imd.gov.in) or contact : +91 11 24631913, 24643965, 24629798

(Circle as the National office 4870)



**Table-1**  
**5 Day Rainfall Forecast (MORNING)**  
**30-August-2022**

Met-Sub-Division	30-Aug Today	31Aug Wed	01Sep Thu	02Sep Fri	03Sep Sat
1. Andaman & Nicobar Islands	WS	WS	FWS	FWS	FWS
2. Arunachal Pradesh	FWS	WS	WS	WS	WS
3. Assam & Meghalaya	FWS	WS	WS	WS	WS
4. N. M. M. & T.	FWS	FWS	WS	WS	WS
5. S.H. West Bengal & Sikkim	WS	WS	WS	WS	WS
6. Gangetic West Bengal	SCT	FWS	SCT	SCT	FWS
7. Odisha	ISOL	SCT	SCT	SCT	SCT
8. Jharkhand	FWS	WS	WS	WS	WS
9. Bihar	FWS	FWS	FWS	FWS	FWS
10. East Uttar Pradesh	FWS	FWS	FWS	FWS	FWS
11. West Uttar Pradesh	ISOL	ISOL	ISOL	ISOL	ISOL
12. Uttarakhand	FWS	FWS	FWS	FWS	FWS
13. Haryana, Chd & Delhi	ISOL	ISOL	ISOL	ISOL	ISOL
14. Punjab	ISOL	ISOL	ISOL	ISOL	ISOL
15. Himachal Pradesh	SCT	ISOL	ISOL	ISOL	SCT
16. J & K and Ladakh	ISOL	ISOL	ISOL	SCT	SCT
17. West Rajsthan	ISOL	DRY	ISOL	ISOL	ISOL
18. East Rajasthan	ISOL	ISOL	SCT	SCT	SCT
19. West Madhya Pradesh	ISOL	SCT	SCT	SCT	SCT
20. East Madhya Pradesh	FWS	SCT	SCT	SCT	FWS
21. Gujarat Region	ISOL	ISOL	ISOL	ISOL	ISOL
22. Saurashtra & Kutch	DRY	DRY	DRY	DRY	DRY
23. Konkan & Goa	SCT	FWS	FWS	FWS	FWS
24. Madhya Maharashtra	SCT	SCT	FWS	FWS	FWS
25. Marathawada	SCT	SCT	SCT	ISOL	SCT
26. Vidharbha	SCT	SCT	SCT	SCT	FWS
27. Chhattisgarh	FWS	SCT	SCT	SCT	FWS
28. Coastal A. P. & Yanam	SCT	SCT	ISOL	ISOL	ISOL
29. Telangana	SCT	FWS	ISOL	ISOL	ISOL
30. Rayalaseema	FWS	SCT	SCT	ISOL	ISOL
31. T.N.,Puducherry & Karaikal	FWS	FWS	FWS	SCT	SCT
32. Coastal Karnataka	WS	WS	WS	WS	WS
33. North Interior Karnataka	WS	FWS	FWS	FWS	FWS
34. South Interior Karnataka	WS	WS	WS	WS	WS
35. Kerala & Mahe	WS	WS	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		

\* 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 [www.imd.gov.in](http://www.imd.gov.in) or contact : +91 11 24631913, 24643965, 24629798

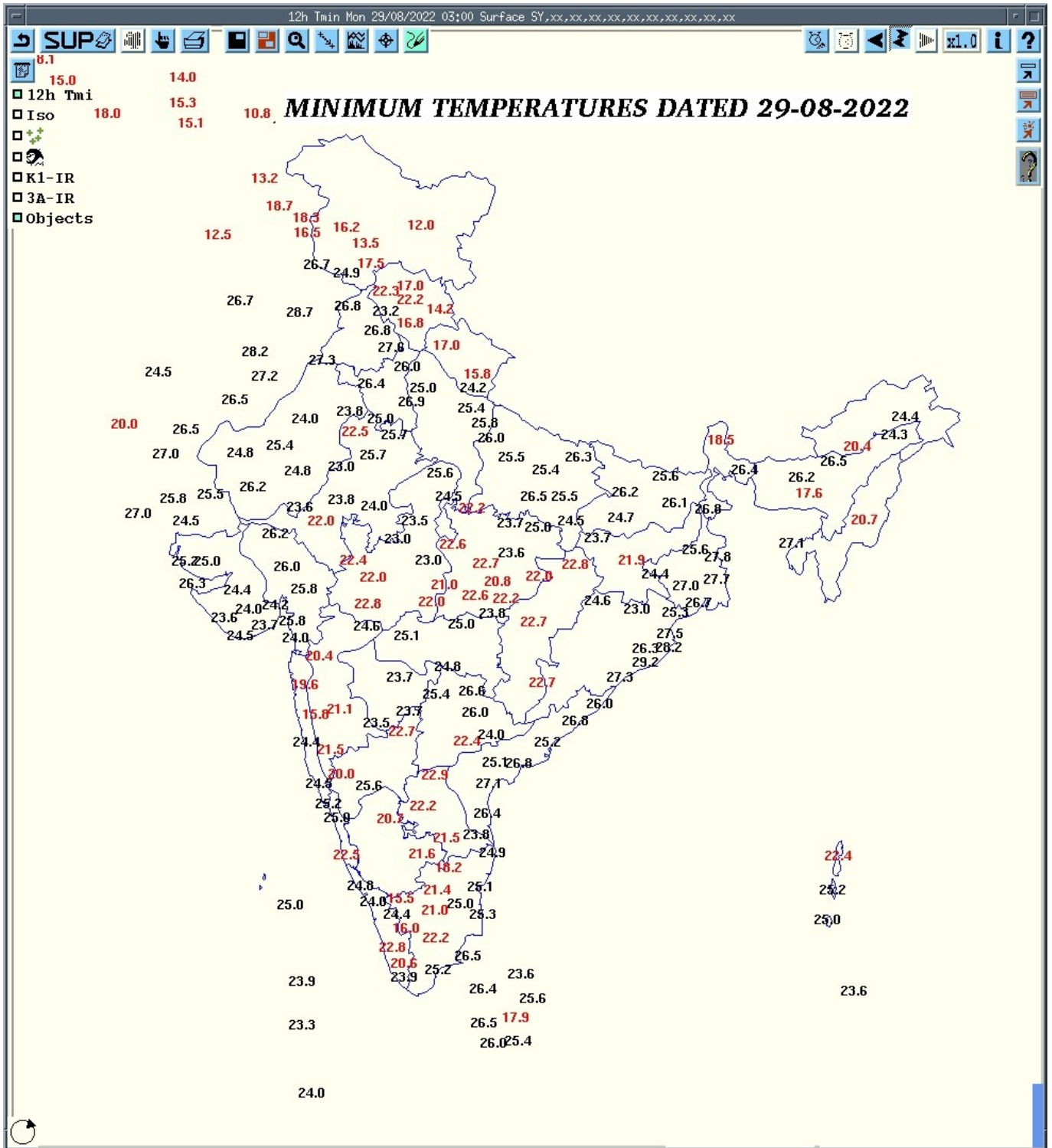
(Circle as the National flag)







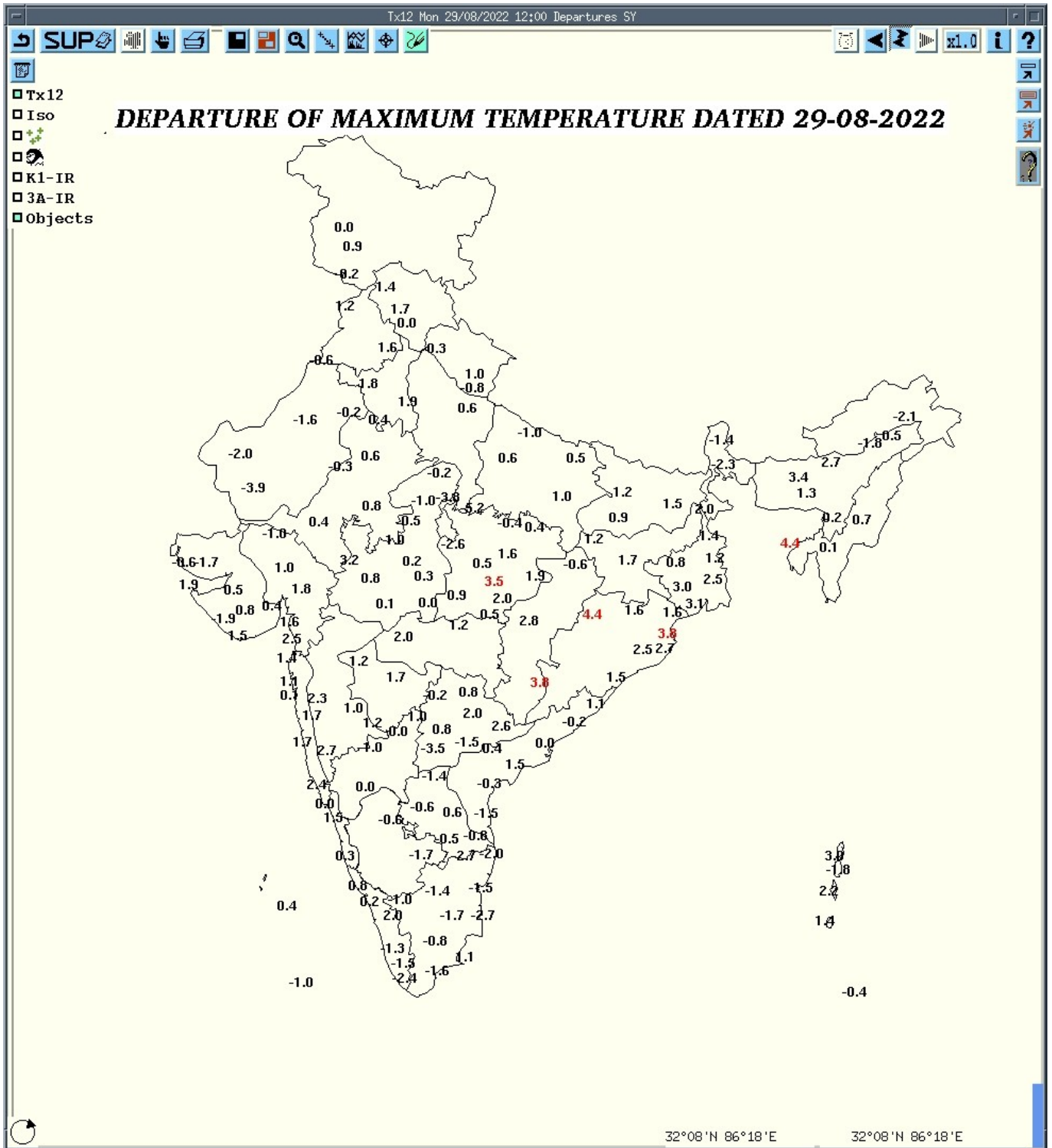
Fig. 3: Minimum Temperature during past 24 hours



\* 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 [www.imd.gov.in](http://www.imd.gov.in) or contact : +91 11 24631913, 24643965, 24629798



Fig. 4 : Departure from Normal of Maximum Temperatures



\* Red color warning does not mean "Red Alert" Red color warning means "Take Action".

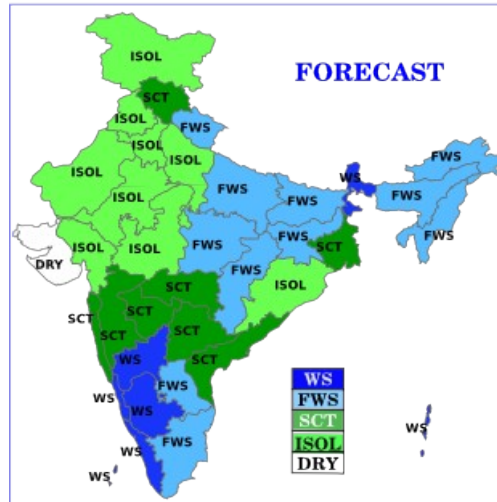
Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

For more details kindly visit [www.imd.gov.in](http://www.imd.gov.in) or contact : +91 11 24631913, 24643965, 24629798

(Co-ordinate of the Met Office 1975)



## Tuesday 30 August 2022



**30 Aug (Day 1):** ♦ **Heavy to very heavy rainfall** at isolated places very likely over Sub-Himalayan West Bengal & Sikkim and **heavy rainfall** at isolated places over Bihar, Arunachal Pradesh, Assam & Meghalaya, Karnataka, Telangana, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning & gusty winds (speed 40-50 kmph)** at isolated places very likely over Rayalaseema and **with lightning** at isolated places over Himachal Pradesh, Uttarakhand, East Uttar Pradesh, East Madhya Pradesh, Vidarbha, Chhattisgarh, Bihar, Jharkhand, West Bengal & Sikkim, Madhya Maharashtra, Marathwada, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Telangana, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and Lakshadweep.

♦ **Squally weather** (wind speed 40-45 kmph gusting to 55 kmph) is very likely over along and off Kerala coast, adjoining Lakshadweep area and Maldives. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over southwest Arabian Sea and adjoining west-central, along and off Somalia coast, Lakshadweep area, Maldives, Comorin area. Fishermen are advised not to venture into these seas.

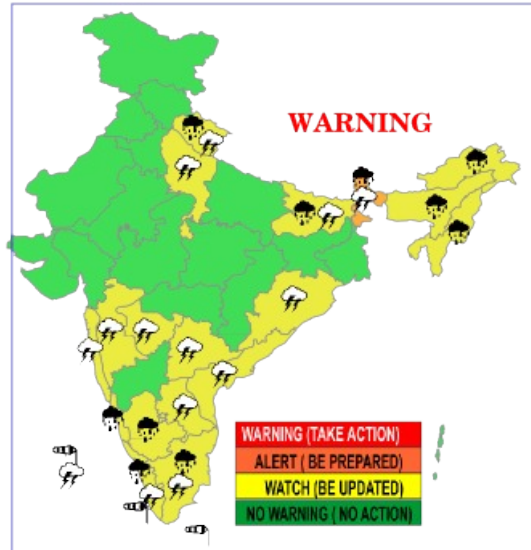
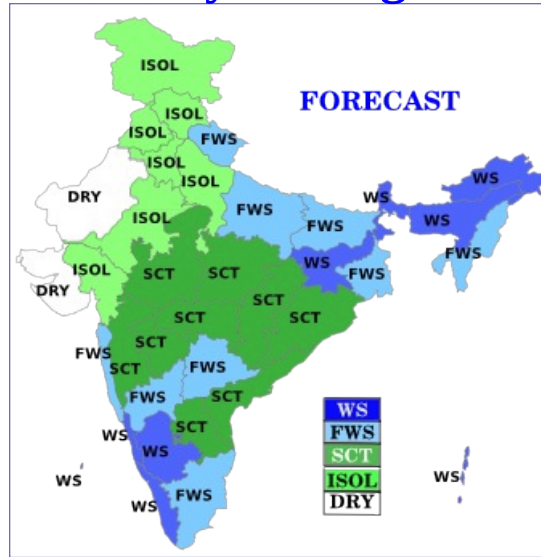
\* **Red color warning does not mean "Red Alert" Red color warning means "Take Action".**

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 [www.imd.gov.in](http://www.imd.gov.in) or contact : +91 11 24631913, 24643965, 24629798

(Created by the MetInfo class 1877)

## Wednesday 31 August 2022



**31 Aug (Day 2):** ♦ **Heavy to very heavy rainfall** at isolated places likely over Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh and Assam & Meghalaya and **heavy rainfall** at isolated places over Uttarakhand, Bihar, Nagaland, Manipur, Mizoram & Tripura, Coastal & South Interior Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning & gusty winds (speed 30-40 kmph)** at isolated places very likely over Rayalaseema and **with lightning** at isolated places over Uttarakhand, West Uttar Pradesh, Bihar, Sub-Himalayan West Bengal & Sikkim, Odisha, Madhya Maharashtra, Marathwada, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Telangana, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and Lakshadweep.

♦ **Squally weather** (wind speed 40-45 kmph gusting to 55 kmph) is very likely over along and off Kerala coast, adjoining Lakshadweep area and Maldives. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over southwest Arabian Sea and adjoining west-central, along and off Somalia coast, Comorin area, Gulf of Mannar, south of southwest Bay of Bengal and adjoining southeast Bay of Bengal, along and off south Tamil Nadu coast. Fishermen are advised not to venture into these seas.

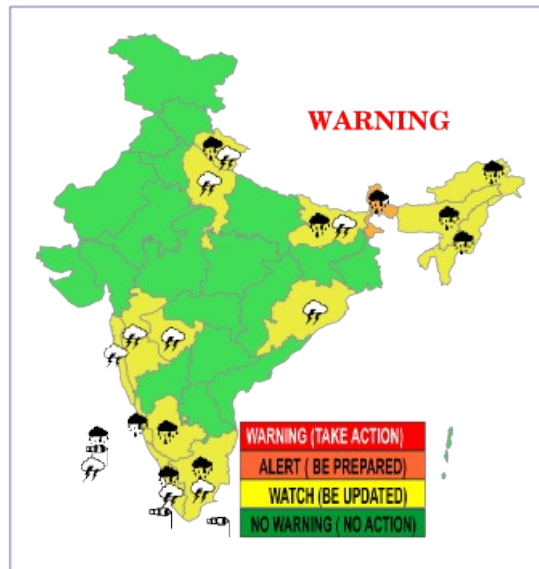
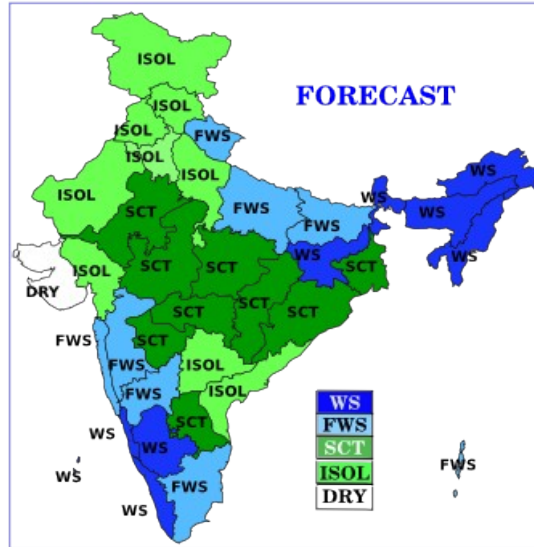
\* **Red color warning does not mean "Red Alert" Red color warning means "Take Action".**

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 [www.imd.gov.in](http://www.imd.gov.in) or contact : +91 11 24631913, 24643965, 24629798

(Copies to the Media since 1977)

## Thursday 01 September 2022



**01 Sept (Day 3): ♦ Heavy to very heavy rainfall** at isolated places likely over Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh and Assam & Meghalaya and **heavy rainfall** at isolated places over Uttarakhand, Bihar, Nagaland, Manipur, Mizoram & Tripura, Coastal & South Interior Karnataka, Kerala & Mahe, Lakshadweep and Tamil Nadu, Puducherry & Karaikal.

♦ **Thunderstorm accompanied with lightning** at isolated places likely over Uttarakhand, West Uttar Pradesh, Bihar, Odisha, Madhya Maharashtra, Marathwada, Konkan & Goa, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and Lakshadweep.

♦ **Squally weather** (wind speed 40-45 kmph gusting to 55 kmph) is likely over along and off Kerala coast, adjoining Lakshadweep area and Maldives. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over southwest Arabian Sea and adjoining west-central, along and off Somalia coast, Comorin area, Gulf of Mannar, south of southwest Bay of Bengal and adjoining southeast Bay of Bengal, along and off south Tamil Nadu coast. Fishermen are advised not to venture into these seas.

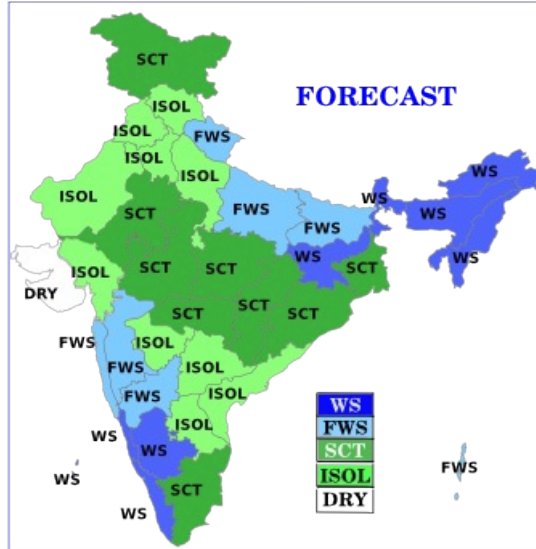
\* Red color warning does not mean "Red Alert" Red color warning means "Take Action".

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 [www.imd.gov.in](http://www.imd.gov.in) or contact : +91 11 24631913, 24643965, 24629798

(Circle as the National flag 497)

## Friday 02 September 2022



**02 Sept (Day 4):** ♦ **Heavy to very heavy rainfall** at isolated places likely over Arunachal Pradesh and Assam & Meghalaya and **heavy rainfall** at isolated places over Sub-Himalayan West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura, Coastal & South Interior Karnataka, Kerala & Mahe and Lakshadweep.

♦ **Thunderstorm accompanied with lightning** at isolated places likely over Jammu & Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh, Uttarakhand, East Uttar Pradesh, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and Lakshadweep.

♦ **Squally weather** (wind speed 40-45 kmph gusting to 55 kmph) is likely over along and off Kerala coast, adjoining Lakshadweep area and Maldives. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over southwest Arabian Sea and adjoining west-central, along and off Somalia coast, Comorin area, Gulf of Mannar, south of southwest Bay of Bengal and adjoining southeast Bay of Bengal, along and off south Tamil Nadu coast. Fishermen are advised not to venture into these seas.

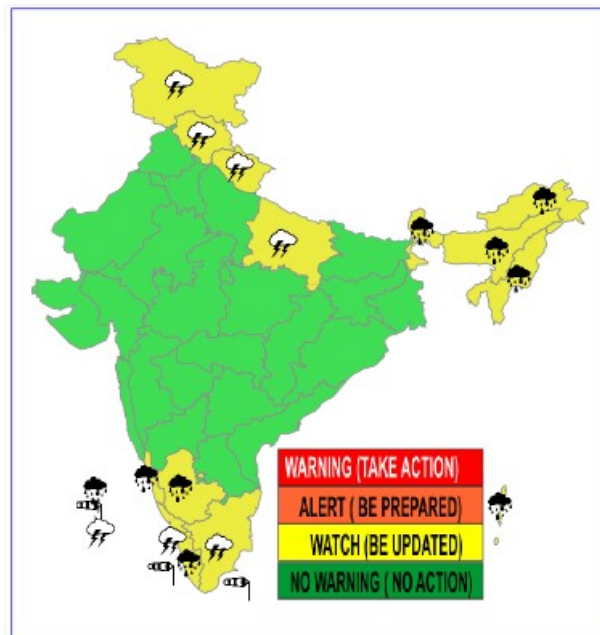
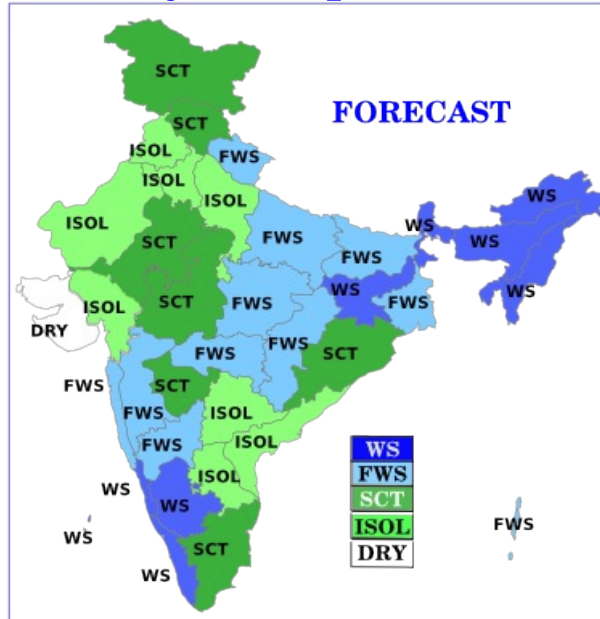
\* **Red color warning does not mean "Red Alert" Red color warning means "Take Action".**

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 [www.imd.gov.in](http://www.imd.gov.in) or contact : +91 11 24631913, 24643965, 24629798

(Circle as the National flag 1971)

## Saturday 03 September 2022



**03 Sept (Day 5):** ♦ **Heavy to very heavy rainfall** at isolated places likely over Arunachal Pradesh and Assam & Meghalaya and **heavy rainfall** at isolated places over Sub-Himalayan West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura, Coastal & South Interior Karnataka, Kerala & Mahe, Andaman & Nicobar Islands, and Lakshadweep.

♦ **Thunderstorm accompanied with lightning** at isolated places likely over Jammu & Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh, Uttarakhand, East Uttar Pradesh, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and Lakshadweep.

♦ **Squally weather** (wind speed 40-45 kmph gusting to 55 kmph) is likely over along and off Kerala coast, adjoining Lakshadweep area and Maldives. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over southwest Arabian Sea and adjoining west-central, along and off Somalia coast, Comorin area, Gulf of Mannar, south of southwest Bay of Bengal and adjoining southeast Bay of Bengal, along and off south Tamil Nadu coast. Fishermen are advised not to venture into these seas.

\* 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

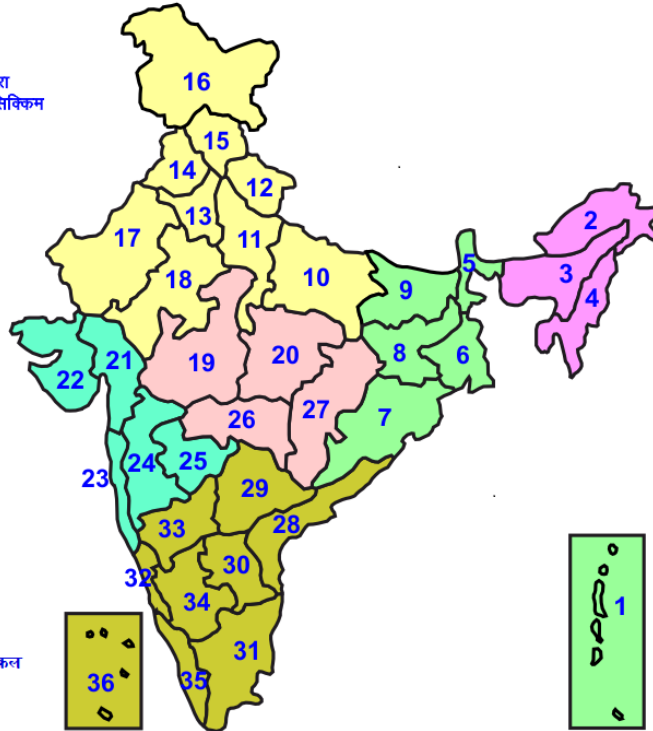
For more details kindly visit [www.imd.gov.in](http://www.imd.gov.in) or contact : +91 11 24631913, 24643965, 24629798

(Circle as the National flag)



## LEGENDS

- 1 अंडमान और निकोबार द्वीप समूह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 पश्चिम गंगोय बंगाल
- 7 ओडिशा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडिगढ़ एवं दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू एवं कश्मीर एवं लद्दाख
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात क्षेत्र
- 22 सौराष्ट्र एवं कच्छ
- 23 कोंकण एवं गोवा
- 24 मध्य महाराष्ट्र
- 25 मराठावाडा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं यनम
- 29 तेलंगाना
- 30 रायलसीमा
- 31 तमिलनाडु, पुदुचेरी एवं कराईकल
- 32 तटिय कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक दक्षिणी कर्नाटक
- 35 केरल एवं 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 Rajasthan
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 Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)

## WARNING

<b>WARNING (TAKE ACTION)</b>
<b>ALERT ( BE PREPARED)</b>
<b>WATCH (BE UPDATED)</b>
<b>NO WARNING ( NO ACTION)</b>

## Probabilistic Forecast

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



Heavy Rain



Heavy Snow



Thunderstorm



Dust Storm



Strong Winds



Visibility



Cyclone



Squall/ Hail



Frost



Cold Wave



Heat Wave



Sea State

\* 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 [www.imd.gov.in](http://www.imd.gov.in) or contact : +91 11 24631913, 24643965, 24629798

(Copies to the Media upto 1070)

## 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  $\geq 40^{\circ}\text{C}$  for plains and  $\geq 30^{\circ}\text{C}$  for hilly regions

(a) Based on Departure from normal

Heat Wave: Maximum Temperature Departure from normal  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .

Severe Heat Wave: Maximum Temperature Departure from normal  $\geq 6.5^{\circ}\text{C}$

(b). Based on Actual maximum temperature

Heat Wave: When actual maximum temperature  $\geq 45^{\circ}\text{C}$ .

Severe Heat Wave: When actual maximum temperature  $\geq 47^{\circ}\text{C}$

(c) Criteria for heat wave for coastal stations

When maximum temperature departure is  $> 4.5^{\circ}\text{C}$  from normal. Heat Wave may be described provided maximum temperature  $\geq 37^{\circ}\text{C}$



Warm Night

When maximum temperature remains  $40^{\circ}\text{C}$

Warm Night: When minimum temperature departure  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .

Severe Warm Night: When minimum temperature departure  $> 6.4^{\circ}\text{C}$ .



Cold Wave

When minimum temperature of a station  $\leq 10^{\circ}\text{C}$  for plains and  $\leq 0^{\circ}\text{C}$  for hilly regions.

(a). Based on departure

Cold Wave: Minimum Temperature Departure from normal  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .

Severe Cold Wave: Minimum Temperature Departure from normal  $\geq -6.5^{\circ}\text{C}$

(b) Based on actual Minimum Temperature (for Plains only)

Cold Wave : When Minimum Temperature is  $\leq 4.0^{\circ}\text{C}$

Severe Cold Wave: When Minimum Temperature is  $\leq 2.0^{\circ}\text{C}$

(c) For Coastal Stations

When Minimum Temperature departure is  $\leq -4.5^{\circ}\text{C}$  or actual Minimum Temperature is  $\leq 15^{\circ}\text{C}$



Cold Day

When minimum temperature of a station  $\leq 10^{\circ}\text{C}$  for plains and  $\leq 0^{\circ}\text{C}$  for hilly regions

Based on departure

Cold Day: Maximum Temperature Departure from normal  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .

Severe Cold Day: Maximum Temperature Departure from normal  $\leq -6.5^{\circ}\text{C}$



Fog

Phenomenon of small droplets suspended in air and the horizontal visibility  $< 1\text{km}$

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  $\leq 4^{\circ}\text{C}$  ( 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 Storm: Wind speed  $> 220$  kmph ( $> 119$  knots)

\* 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 [www.imd.gov.in](http://www.imd.gov.in) or contact : +91 11 24631913, 24643965, 24629798

(Created by the Meteorology Dept)