



Saturday 06 August 2022

MORNING

Time of Issue: 0800 hours IST

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

- ◆ The monsoon trough is active and lies south of its normal position. It will continue to remain so during next 4-5 days.
- ◆ A Low Pressure Area is likely to form over Northwest & adjoining Westcentral Bay of Bengal around 07th August, 2022.
- ◆ A shear zone likely to form over north Peninsular India in middle tropospheric levels around 08th August, 2022.
- ◆ Under the influence of the above systems:
 - i) Fairly widespread/widespread rainfall with **isolated heavy falls and thunderstorm/lightning** very likely over Tamil Nadu, Puducherry & Karaikal and Rayalaseema on 06th and over Telangana, Coastal & North Interior Karnataka, Coastal Andhra Pradesh & Yanam and Kerala & Mahe during 06th-09th and over South Interior Karnataka during 06th-08th August, 2022.
 - a) Isolated **very heavy rainfall** likely over Karnataka on 06th; Telangana during 06th - 10th and Coastal Andhra Pradesh on 08th & 9th August, 2022.
 - b) Isolated **extremely heavy rainfall** also likely over Telangana on 8th & 9th August, 2022.
 - i) Fairly widespread/widespread rainfall with **isolated heavy falls and thunderstorm/lightning** very likely over Madhya Pradesh, Vidarbha, Chhattisgarh, Gujarat State, Madhya Maharashtra, Marathwada and Konkan & Goa during 06th-10th August, 2022.
 - a) Isolated **very heavy rainfall** also likely over Madhya Pradesh and Gujarat State during 08th-10th; over Vidarbha, Chhattisgarh during 07th-10th; over Konkan & Goa and ghat areas of Madhya Maharashtra during 06th-10th August, 2022.
 - b) Isolated **extremely heavy rainfall** also likely over Vidarbha and Gujarat Region on 9th & 10th; over Chhattisgarh; over Konkan & Goa on 08th & 09th and ghat areas of Madhya Maharashtra during 08th-10th August, 2022.
 - iii) Fairly widespread rainfall with **isolated heavy falls and thunderstorm/lightning** very likely over Jharkhand 06th; Odisha and Nagaland, Manipur, Mizoram & Tripura during 06th-10th; over Gangetic West Bengal on 09th & 10th and over Assam & Meghalaya during 06th and 07th August, 2022.
 - a) Isolated **very heavy rainfall** also likely over Odisha during 07th - 10th August, 2022.
 - b) Isolated extremely heavy rainfall also likely over Odisha during 08th-10th August, 2022.
 - iv) Fairly widespread/widespread rainfall with **isolated heavy falls and thunderstorm/lightning** very likely over Himachal Pradesh, West Uttar Pradesh and Uttarakhand during 06th and 07th; over East Rajasthan during 06th - 10th and over West Rajasthan on 08th - 10th August, 2022. Isolated **very heavy rainfall** also likely over East Rajasthan during 07th - 10th August, 2022.

Main Weather Observations

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- ◆ **Rainfall/thundershower observed (from 0830 hours IST to 1730 hours IST of yesterday):** at **most places** over Konkan & Goa, Coastal & South Interior Karnataka, Kerala & Mahe and Lakshadweep; at **many places** over Himachal Pradesh, Uttarakhand, Punjab, Haryana-Chandigarh & Delhi, East Rajasthan, Saurashtra & Kutch, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Telangana and North Interior Karnataka; at **a few places** over Jammu & Kashmir, Andaman & Nicobar Islands, Gujarat Region, West Rajasthan, Madhya Pradesh, Chhattisgarh, Coastal Andhra Pradesh & Yanam and Rayalaseema and at **isolated places** over West Uttar Pradesh, Vidarbha, Marathwada, West Bengal & Sikkim, Odisha, Arunachal Pradesh and Assam & Meghalaya.
- ◆ **Chief amount of Rainfall observed (from 0830 hours IST to 1730 hours IST of yesterday):(2 cm or more):** Surendranagar-13; Kota-7; Amritsar and Ratnagiri-6 each; Indore, Bajpe, Cannur, Mahuva, Mangalore and Tuni-5 each; Aurangabad and Shirali-4 each; Narnaul, Honavar, Bapatla, Pasighat, Valprai, Hanamkonda and Khammam-3 each; Jammu, Ganganagar, Delhi (Ayanagar), Jaipur, Rohtak, Bhiwani, Porbandar, Nasik, Machillipatnam, Canning, Shivpuri, Kandla, Porbandar, Satara, Aminidivi and Palakkad-2 each.
- ◆ **Heavy rainfall observed (from 0830 hours IST to 1730 hours IST of yesterday):** Heavy to very heavy rainfall occurred at isolated places over Saurashtra & Kutch and heavy rainfall at isolated places over East Rajasthan.
- ◆ **Thunderstorm observed (from 0830 hours IST of yesterday to 0530 hours IST of today):** at isolated places over Punjab, Haryana, Chandigarh & Delhi, West Bengal & Sikkim, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Rajasthan, West Madhya Pradesh, Gujarat State, Odisha, Madhya Maharashtra, Marathwada and Coastal Andhra Pradesh & Yanam.
- ◆ **Minimum Temperature Departures (as on 05-08-2022):** Minimum temperatures were **above normal (1.6°C to 3.0°C)** at many places over Bihar and Arunachal Pradesh; at a few places over Himachal Pradesh, West Rajasthan, Gujarat, Vidarbha, Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim and at isolated places over Madhya Pradesh and Odisha. They were **below normal (-1.6°C to -3.0°C)** at many places over Lakshadweep; at a few places over East Uttar Pradesh and near normal over rest of the country. Yesterday, the lowest minimum temperature of **18.6°C** was reported at Khargone (**West Madhya Pradesh**) over the plains of the country.
- ◆ **Maximum Temperature Departures (as on 05-08-2022):** Maximum temperatures were **appreciably above normal (3.1°C to 5.0°C)** at many places over East Madhya Pradesh, Odisha and Vidarbha; at a few places over West Madhya Pradesh and Madhya Maharashtra; at isolated places over West Bengal & Sikkim; **above normal (1.6°C to 3.0°C)** at most places over Chhattisgarh, Jharkhand, Bihar and Nagaland, Manipur, Mizoram & Tripura; at many places over Assam & Meghalaya and Telangana; at a few places over Gujarat region; at isolated places over Saurashtra & Kutch. They were **markedly below normal (-5.1°C or less)** at isolated places over Tamil Nadu, Puducherry & Karaikal; **appreciably below normal (-3.1°C to -5.0°C)** at a few places over Jammu & Kashmir, Ladakh, Gilgit-Baltistan, Muzaffarabad and Haryana, Chandigarh & Delhi; at isolated places over West Rajasthan and Kerala & Mahe; **below normal (-1.6°C to -3.0°C)** at many places over Punjab, Rayalaseema, Coastal & South Interior Karnataka and Lakshadweep; at a few places over East Rajasthan, Coastal Andhra Pradesh & Yanam and Andaman & Nicobar Islands and near normal over rest parts of the country. Yesterday, the **highest maximum temperature of 37.8°C** was reported at **Jaisalmer(West Rajasthan) and Jalgaon (Madhya Maharashtra)**.

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Meteorological Analysis (Based on 0530 hours IST)

- ◆ The **monsoon trough** at mean sea level now passes through Jaisalmer, Jodhpur, Kota, Guna, Sagar, Raipur, Bhubaneswar and thence southeastwards to Eastcentral Bay of Bengal.
- ◆ The cyclonic circulation over Jharkhand & adjoining Gangetic West Bengal extending upto 3.1 km above mean sea level persists.
- ◆ The cyclonic circulation over north Coastal Andhra Pradesh & adjoining Westcentral Bay of Bengal persists and now extends upto 5.8 km above mean sea level tilting southwestwards with height persists. Under its influence, a **Low Pressure Area** is likely to form over Northwest & adjoining Westcentral Bay of Bengal around 07th August, 2022.
- ◆ The cyclonic circulation over central parts of Karnataka & neighbourhood between 3.1 km & 7.6 km above mean sea level persists.
- ◆ The **Western Disturbance** as a cyclonic circulation over central Pakistan & neighbourhood at 3.1 km above mean sea level with trough aloft with its axis at 5.8 km above mean sea level in middle tropospheric westerlies roughly along Long.68°E to the north of Lat.30°N persists.
- ◆ The cyclonic circulation over central parts of Rajasthan & neighbourhood between 3.1 km & 7.6 km above mean sea level persists.

Weather Forecast for next 5 days * upto 0830 hours IST of 11th August 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 11th August - 13th August 2022

- ◆ Fairly widespread to widespread light/moderate rainfall activity with heavy rainfall likely over Central adjoining East India and along the West Coast.
- ◆ Scattered/fairly widespread light/moderate rainfall activity likely over Northwest, West & South Peninsular India (except south Coastal Andhra Pradesh, Rayalaseema and Tamil Nadu).

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Weather Warning during next 5 days *

06 Aug (Day 1): ♦ **Heavy to very heavy rainfall** very likely at isolated places over ghat areas of Madhya Maharashtra, Konkan & Goa, Telangana, Karnataka and Tamil Nadu, Puducherry & Karaikal and **heavy rainfall** at isolated places over Uttarakhand, Himachal Pradesh, West Uttar Pradesh, East Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Jharkhand, Odisha, Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gujarat State, Marathwada, Coastal Andhra Pradesh & Yanam, Rayalaseema and Kerala & Mahe.

♦ **Thundersquall (speed reaching 50-60 kmph)** very likely at isolated places over Andaman & Nicobar Islands; **thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph)** at isolated places over Telangana and Coastal Andhra Pradesh & Yanam and **thunderstorm accompanied with lightning** at isolated places over Jammu & Kashmir, Uttarakhand, Himachal Pradesh, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Bihar, Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Jharkhand, West Bengal & Sikkim, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gujarat State, Rayalaseema, Karnataka, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

♦ **Squally weather** (wind speed 45-55 kmph gusting to 65 kmph) very likely over along and off north Karnataka, Goa, Maharashtra, central parts of central Bay of Bengal; Squally weather (wind speed 40-50 kmph gusting to 60 kmph) Andaman Sea. **Squally winds** of 50-60 kmph gusting to 70 kmph likely over Gulf of Mannar, off Sri Lanka coast; 45-55 kmph gusting to 65 kmph likely over south west and adjoining west-central Arabian Sea, east-central Arabian sea till off Karnataka coast, Lakshadweep area, south west Bay of Bengal off Sri Lanka coast, north parts of south Bay of Bengal and adjoining central Bay of Bengal, north coastal Andhra Pradesh. Fishermen are advised not to venture into these seas.

07 Aug (Day 2): ♦ **Heavy to very heavy rainfall** very likely at isolated places over East Rajasthan, Vidarbha, Chhattisgarh, Odisha, ghat areas of Madhya Maharashtra, Konkan & Goa and Telangana and **heavy rainfall** at isolated places over Uttarakhand, Himachal Pradesh, West Uttar Pradesh, Madhya Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gujarat State, Marathwada, Coastal Andhra Pradesh & Yanam, Karnataka and Kerala & Mahe.

♦ **Thundersquall (speed reaching 50-60 kmph)** very likely at isolated places over Andaman & Nicobar Islands; **thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph)** at isolated places over Telangana and **thunderstorm accompanied with lightning** at isolated places over Jammu & Kashmir, Uttarakhand, Himachal Pradesh, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Rayalaseema, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

♦ **Squally weather** (wind speed 45-55 kmph gusting to 65 kmph) very likely over along and off Maharashtra coast, east central Bay of Bengal, west central Bay of Bengal and along and off north coastal Andhra Pradesh; Squally weather (wind speed 40-50 kmph gusting to 60 kmph) over Andaman Sea, central parts of south Bay of Bengal. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over south west and adjoining west-central Arabian Sea, east central Arabian sea till off Karnataka and south Maharashtra coasts, Gulf of Mannar, central and adjoining south Bay of Bengal and adjoining Andaman Sea. Fishermen are advised not to venture into these seas.

08 Aug (Day 3): ♦ **Heavy to very heavy rainfall** at a few places with **extremely heavy falls** likely at isolated places over Telangana; **heavy to very heavy rainfall with extremely heavy falls** at isolated places over Chhattisgarh, Odisha, ghat areas of Madhya Maharashtra and Konkan & Goa; **heavy to very heavy rainfall** at isolated places over East Rajasthan, Madhya Pradesh, Vidarbha, Gujarat State and Coastal Andhra Pradesh & Yanam and **heavy rainfall** at isolated places over West Rajasthan, Nagaland, Manipur, Mizoram & Tripura, Marathwada, Karnataka and Kerala & Mahe.

♦ **Thundersquall (speed reaching 50-60 kmph)** likely at isolated places over Andaman & Nicobar Islands; **thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph)** at isolated places over Telangana and **thunderstorm accompanied with lightning** at isolated places over East Rajasthan, Rayalaseema, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

♦ **Squally weather** (wind speed 45-55 kmph gusting to 65 kmph) likely over along and off Kerala, Karnataka, Maharashtra, Gujarat coasts, Lakshadweep area, north east Arabian Sea, east-central Bay of Bengal, north-west Bay of Bengal and off Odisha coast; Squally weather (wind speed 40-50 kmph gusting to 65 kmph) over Andaman Sea, central parts of south Bay of Bengal. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over south-west and adjoining west-central Arabian Sea, east-central Arabian sea till off Karnataka and south Maharashtra coasts, Gulf of Mannar, central and adjoining south Bay of Bengal and adjoining Andaman Sea. Fishermen are advised not to venture into these seas.

09 Aug (Day 4): ♦ **Heavy to very heavy rainfall** at a few places with **extremely heavy falls** likely at isolated places over Telangana; **heavy to very heavy rainfall with extremely heavy falls** at isolated places over Vidarbha, Chhattisgarh, Odisha, south Gujarat Region, ghat areas of Madhya Maharashtra and Konkan & Goa; **heavy to very heavy rainfall** at isolated places over East Rajasthan, Madhya Pradesh, Saurashtra & Kutch, Marathwada and Coastal Andhra Pradesh & Yanam and **heavy rainfall** at isolated places over West Rajasthan, Gangetic West Bengal, Nagaland, Manipur, Mizoram & Tripura, Coastal & North Karnataka and Kerala & Mahe.

♦ **Thundersquall (speed reaching 50-60 kmph)** likely at isolated places over Andaman & Nicobar Islands; **thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph)** at isolated places over Telangana and **thunderstorm accompanied with lightning** at isolated places over East Rajasthan, Rayalaseema, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

♦ **Squally weather** (wind speed 45-55 kmph gusting to 65 kmph) likely over along and off Kerala, Karnataka, Maharashtra, Gujarat coasts, Lakshadweep area, north-east Arabian Sea, east-central Bay of Bengal, north west Bay of Bengal and off Odisha coast; Squally weather (wind speed 40-50 kmph gusting to 65 kmph) over Andaman Sea, central parts of south Bay of Bengal. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over west-central Arabian Sea and adjoining south-west Arabian Sea, east-central Arabian Sea. Fishermen are advised not to venture into these seas.

10 Aug (Day 5): ♦ **Heavy to very heavy rainfall with extremely heavy falls** at isolated places likely over Vidarbha, Chhattisgarh, Odisha, Gujarat State, ghat areas of Madhya Maharashtra and West Madhya Pradesh; **heavy to very heavy rainfall** at isolated places over East Rajasthan, East Madhya Pradesh, Konkan & Goa, Telangana and Marathwada and **heavy rainfall** at isolated places over West Rajasthan, Gangetic West Bengal, Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh & Yanam, Coastal & North Karnataka and Kerala & Mahe.

♦ **Thundersquall (speed reaching 50-60 kmph)** likely at isolated places over Andaman & Nicobar Islands; **thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph)** at isolated places over Telangana and **thunderstorm accompanied with lightning** at isolated places over East Rajasthan, Rayalaseema, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

♦ **Squally weather** (wind speed 45-55 kmph gusting to 65 kmph) likely over along and off Kerala, Karnataka, Maharashtra, Gujarat coasts, Lakshadweep area, north-east Arabian Sea, east-central Bay of Bengal, north west Bay of Bengal and off Odisha coast; Squally weather (wind speed 40-50 kmph gusting to 65 kmph) over Andaman Sea, central parts of south Bay of Bengal. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over west-central Arabian Sea and adjoining south-west Arabian Sea, east-central Arabian Sea. Fishermen are advised not to venture into these seas.

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(Created by the MetInfo team 1/27/20)



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 (MORNING)
06-August-2022

Met-Sub-Division	06-Aug Today	07Aug Sun	08Aug Mon	09Aug Tue	10Aug Wed
1. Andaman & Nicobar Islands	WS	WS	WS	WS	WS
2. Arunachal Pradesh	FWS	SCT	SCT	SCT	SCT
3. Assam & Meghalaya	FWS	SCT	SCT	SCT	SCT
4. N. M. M. & T.	FWS	FWS	FWS	FWS	FWS
5. S.H. West Bengal & Sikkim	FWS	FWS	FWS	FWS	FWS
6. Gangetic West Bengal	FWS	FWS	FWS	FWS	FWS
7. Odisha	WS	WS	WS	WS	WS
8. Jharkhand	FWS	WS	WS	WS	WS
9. Bihar	SCT	SCT	SCT	SCT	SCT
10. East Uttar Pradesh	SCT	SCT	ISOL	ISOL	ISOL
11. West Uttar Pradesh	FWS	FWS	ISOL	ISOL	ISOL
12. Uttarakhand	WS	FWS	SCT	ISOL	FWS
13. Haryana, Chd & Delhi	FWS	SCT	ISOL	ISOL	ISOL
14. Punjab	SCT	SCT	ISOL	ISOL	ISOL
15. Himachal Pradesh	WS	WS	FWS	ISOL	SCT
16. J & K and Ladakh	SCT	SCT	SCT	ISOL	ISOL
17. West Rajsthan	SCT	SCT	SCT	ISOL	ISOL
18. East Rajasthan	FWS	WS	FWS	SCT	FWS
19. West Madhya Pradesh	FWS	FWS	WS	WS	WS
20. East Madhya Pradesh	FWS	WS	WS	WS	WS
21. Gujarat Region	FWS	FWS	WS	WS	WS
22. Saurashtra & Kutch	FWS	FWS	FWS	WS	WS
23. Konkan & Goa	WS	WS	WS	WS	WS
24. Madhya Maharashtra	WS	WS	WS	WS	WS
25. Marathwada	WS	WS	WS	WS	WS
26. Vidharbha	WS	WS	WS	WS	WS
27. Chhattisgarh	WS	WS	WS	WS	WS
28. Coastal A. P. & Yanam	FWS	FWS	FWS	FWS	FWS
29. Telangana	WS	WS	WS	WS	WS
30. Rayalaseema	FWS	SCT	SCT	SCT	SCT
31. T.N.,Puducherry & Karaikal	SCT	ISOL	ISOL	ISOL	ISOL
32. Coastal Karnataka	WS	WS	WS	WS	WS
33. North Interior Karnataka	WS	WS	WS	WS	WS
34. South Interior Karnataka	WS	WS	FWS	FWS	FWS
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		

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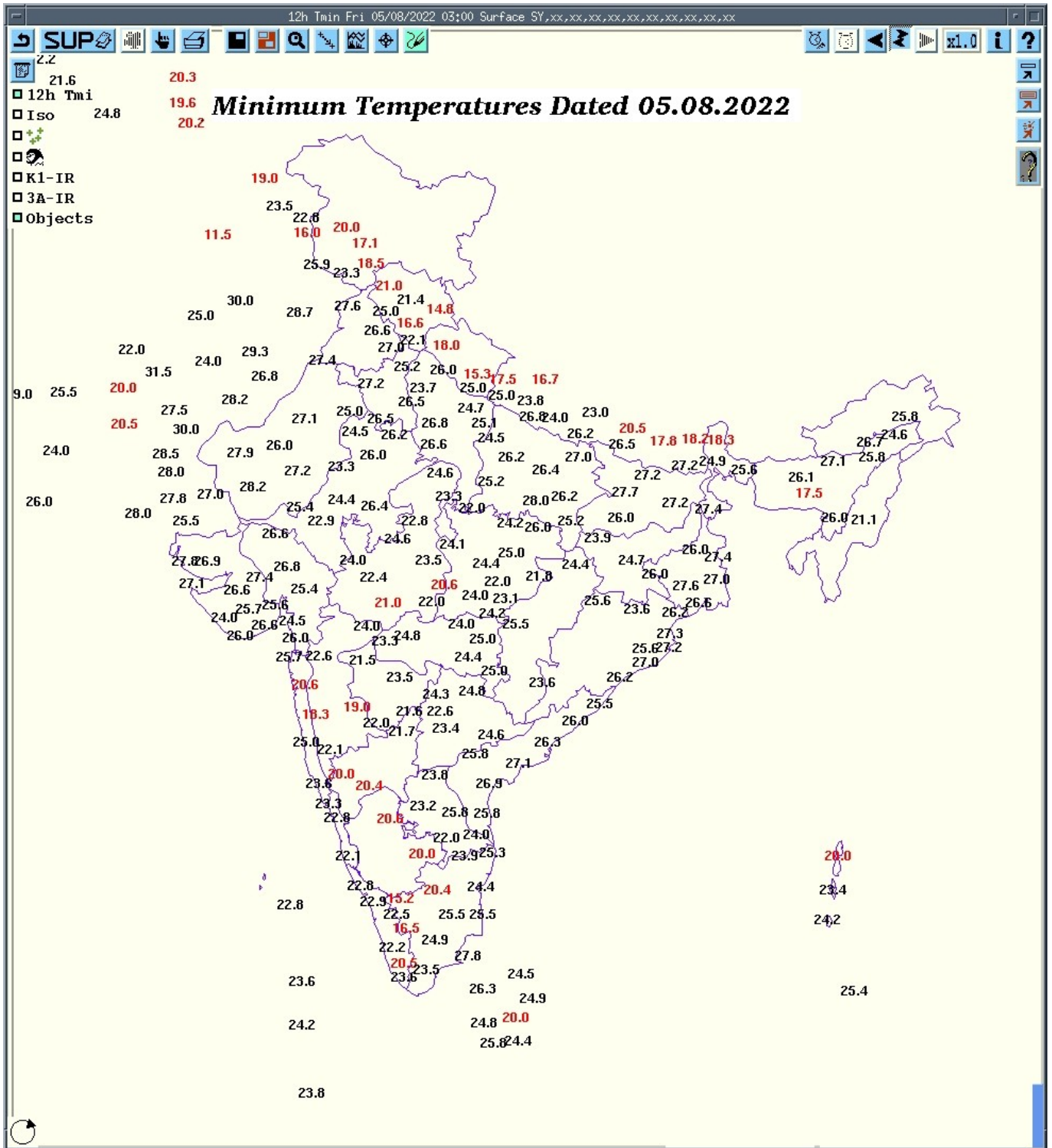
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Fig. 3: Minimum Temperature during past 24 hours



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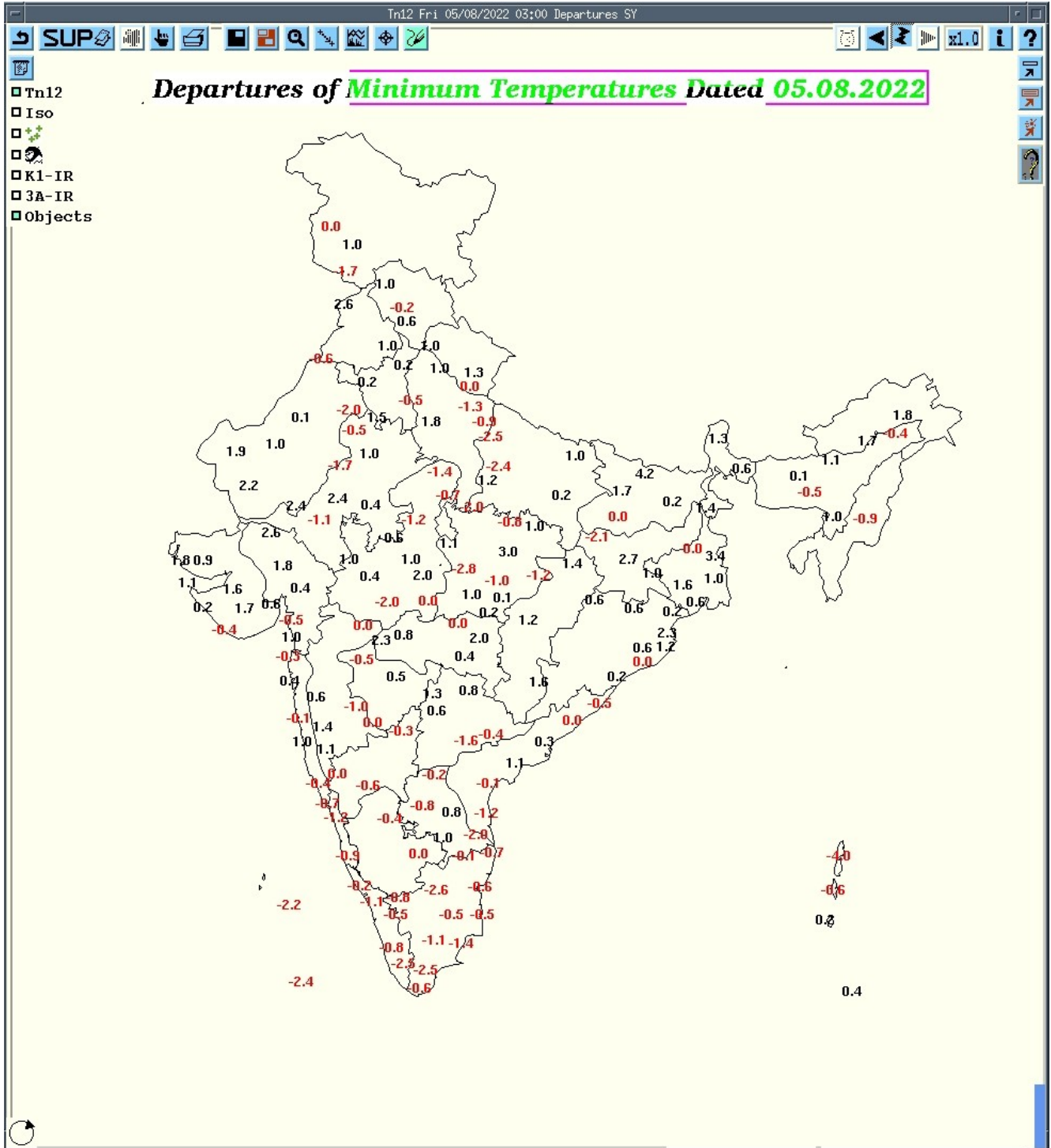
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Fig. 5 : Departure from Normal of Minimum Temperatures



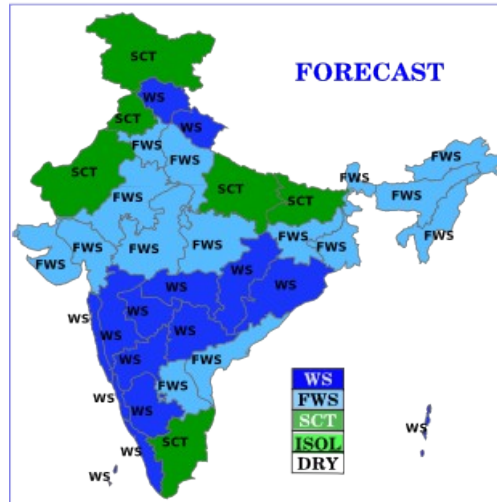
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Saturday 06 August 2022



06 Aug (Day 1): ♦ **Heavy to very heavy rainfall** very likely at isolated places over ghat areas of Madhya Maharashtra, Konkan & Goa, Telangana, Karnataka and Tamil Nadu, Puducherry & Karaikal and **heavy rainfall** at isolated places over Uttarakhand, Himachal Pradesh, West Uttar Pradesh, East Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Jharkhand, Odisha, Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gujarat State, Marathwada, Coastal Andhra Pradesh & Yanam, Rayalaseema and Kerala & Mahe.

♦ **Thundersquall (speed reaching 50-60 kmph)** very likely at isolated places over Andaman & Nicobar Islands; **thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph)** at isolated places over Telangana and Coastal Andhra Pradesh & Yanam and **thunderstorm accompanied with lightning** at isolated places over Jammu & Kashmir, Uttarakhand, Himachal Pradesh, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Bihar, Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Jharkhand, West Bengal & Sikkim, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gujarat State, Rayalaseema, Karnataka, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

♦ **Squally weather** (wind speed 45-55 kmph gusting to 65 kmph) very likely over along and off north Karnataka, Goa, Maharashtra, central parts of central Bay of Bengal; Squally weather (wind speed 40-50 kmph gusting to 60 kmph) Andaman Sea. **Squally winds** of 50-60 kmph gusting to 70 kmph likely over Gulf of Mannar, off Sri Lanka coast; 45-55 kmph gusting to 65 kmph likely over south west and adjoining west-central Arabian Sea, east-central Arabian sea till off Karnataka coast, Lakshadweep area, south west Bay of Bengal off Sri Lanka coast, north parts of south Bay of Bengal and adjoining central Bay of Bengal, north coastal Andhra Pradesh. Fishermen are advised not to venture into these seas.

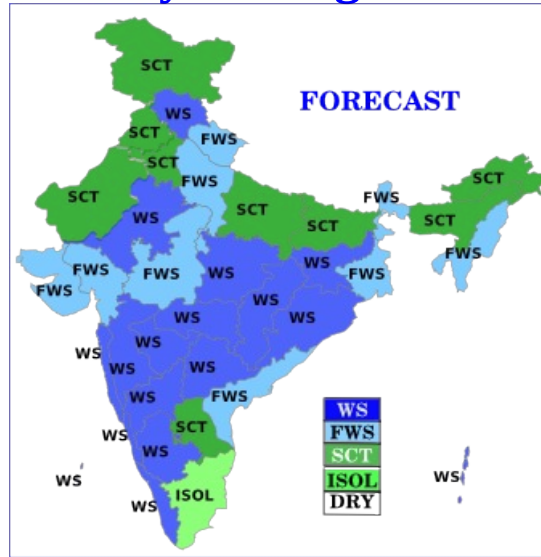
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Sunday 07 August 2022



07 Aug (Day 2): ♦ Heavy to very heavy rainfall very likely at isolated places over East Rajasthan, Vidarbha, Chhattisgarh, Odisha, ghat areas of Madhya Maharashtra, Konkan & Goa and Telangana and **heavy rainfall** at isolated places over Uttarakhand, Himachal Pradesh, West Uttar Pradesh, Madhya Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gujarat State, Marathwada, Coastal Andhra Pradesh & Yanam, Karnataka and Kerala & Mahe.

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♦ **Squally weather** (wind speed 45-55 kmph gusting to 65 kmph) very likely over along and off Maharashtra coast, east central Bay of Bengal, west central Bay of Bengal and along and off north coastal Andhra Pradesh; Squally weather (wind speed 40-50 kmph gusting to 60 kmph) over Andaman Sea, central parts of south Bay of Bengal. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over south west and adjoining west-central Arabian Sea, east central Arabian sea till off Karnataka and south Maharashtra coasts, Gulf of Mannar, central and adjoining south Bay of Bengal and adjoining Andaman Sea. Fishermen are advised not to venture into these seas.

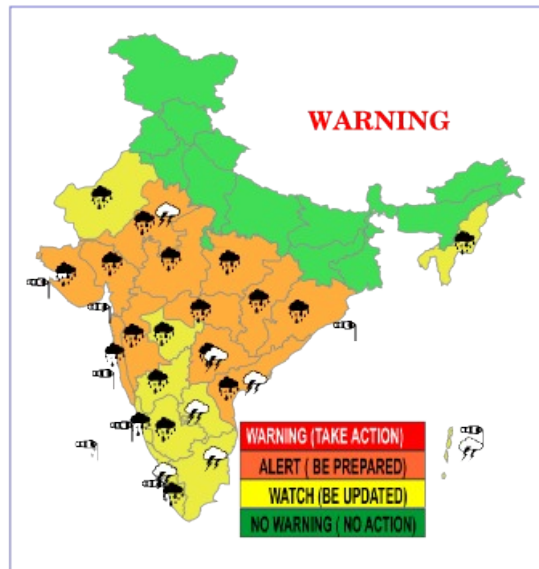
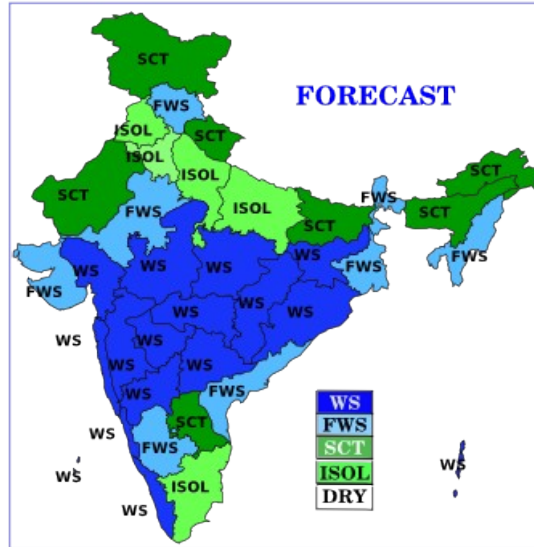
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(Copies to the Media upto 1000)

Monday 08 August 2022



08 Aug (Day 3): ♦ Heavy to very heavy rainfall at a few places with **extremely heavy falls** likely at isolated places over Telangana; **heavy to very heavy rainfall with extremely heavy falls** at isolated places over Chhattisgarh, Odisha, ghat areas of Madhya Maharashtra and Konkan & Goa; **heavy to very heavy rainfall** at isolated places over East Rajasthan, Madhya Pradesh, Vidarbha, Gujarat State and Coastal Andhra Pradesh & Yanam and **heavy rainfall** at isolated places over West Rajasthan, Nagaland, Manipur, Mizoram & Tripura, Marathwada, Karnataka and Kerala & Mahe.

♦ **Thundersquall (speed reaching 50-60 kmph)** likely at isolated places over Andaman & Nicobar Islands; **thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph)** at isolated places over Telangana and **thunderstorm accompanied with lightning** at isolated places over East Rajasthan, Rayalaseema, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

♦ **Squally weather** (wind speed 45-55 kmph gusting to 65 kmph) likely over along and off Kerala, Karnataka, Maharashtra, Gujarat coasts, Lakshadweep area, north east Arabian Sea, east-central Bay of Bengal, north-west Bay of Bengal and off Odisha coast; Squally weather (wind speed 40-50 kmph gusting to 65 kmph) over Andaman Sea, central parts of south Bay of Bengal. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over south-west and adjoining west-central Arabian Sea, east-central Arabian sea till off Karnataka and south Maharashtra coasts, Gulf of Mannar, central and adjoining south Bay of Bengal and adjoining Andaman Sea. Fishermen are advised not to venture into these seas.

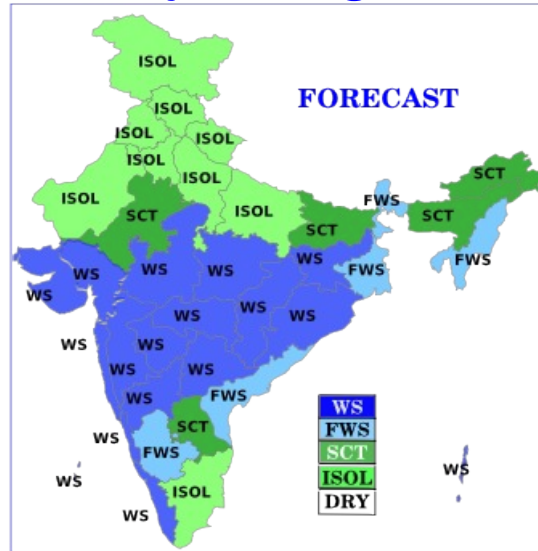
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(Circle as the National flag 487)

Tuesday 09 August 2022



09 Aug (Day 4): ♦ **Heavy to very heavy rainfall** at a few places with **extremely heavy falls** likely at isolated places over Telangana; **heavy to very heavy rainfall with extremely heavy falls** at isolated places over Vidarbha, Chhattisgarh, Odisha, south Gujarat Region, ghat areas of Madhya Maharashtra and Konkan & Goa; **heavy to very heavy rainfall** at isolated places over East Rajasthan, Madhya Pradesh, Saurashtra & Kutch, Marathwada and Coastal Andhra Pradesh & Yanam and **heavy rainfall** at isolated places over West Rajasthan, Gangetic West Bengal, Nagaland, Manipur, Mizoram & Tripura, Coastal & North Karnataka and Kerala & Mahe.

♦ **Thundersquall (speed reaching 50-60 kmph)** likely at isolated places over Andaman & Nicobar Islands; **thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph)** at isolated places over Telangana and **thunderstorm accompanied with lightning** at isolated places over East Rajasthan, Rayalaseema, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.

♦ **Squally weather** (wind speed 45-55 kmph gusting to 65 kmph) likely over along and off Kerala, Karnataka, Maharashtra, Gujarat coasts, Lakshadweep area, north-east Arabian Sea, east-central Bay of Bengal, north west Bay of Bengal and off Odisha coast; Squally weather (wind speed 40-50 kmph gusting to 65 kmph) over Andaman Sea, central parts of south Bay of Bengal. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over west-central Arabian Sea and adjoining south-west Arabian Sea, east-central Arabian Sea. Fishermen are advised not to venture into these seas.

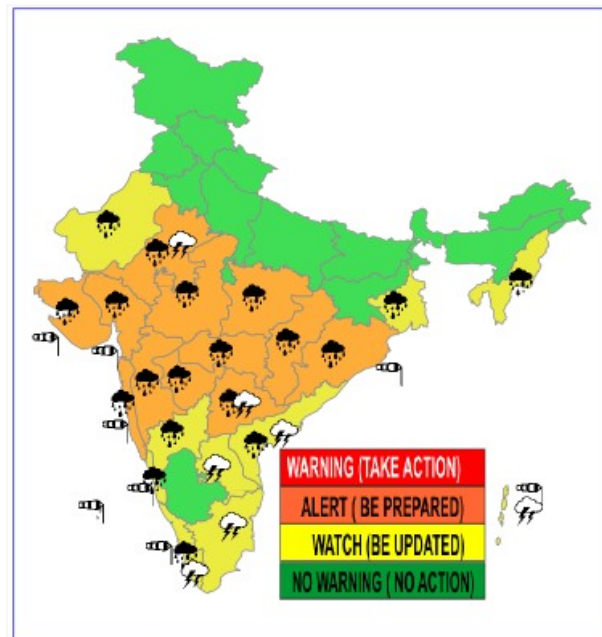
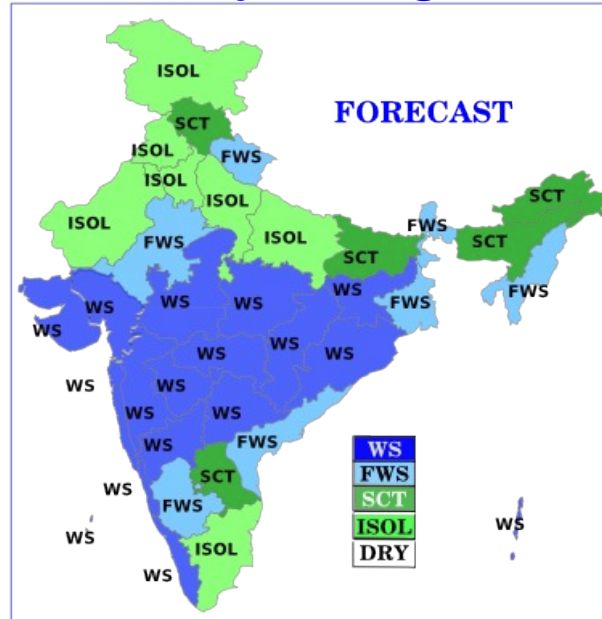
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(Created by the MetInfo@IMD)

Wednesday 10 August 2022



10 Aug (Day 5): ♦ **Heavy to very heavy rainfall with extremely heavy falls** at isolated places likely over Vidarbha, Chhattisgarh, Odisha, Gujarat State, ghat areas of Madhya Maharashtra and West Madhya Pradesh; **heavy to very heavy rainfall** at isolated places over East Rajasthan, East Madhya Pradesh, Konkan & Goa, Telangana and Marathwada and **heavy rainfall** at isolated places over West Rajasthan, Gangetic West Bengal, Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh & Yanam, Coastal & North Karnataka and Kerala & Mahe.

♦ **Thundersquall (speed reaching 50-60 kmph)** likely at isolated places over Andaman & Nicobar Islands; **thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph)** at isolated places over Telangana and **thunderstorm accompanied with lightning** at isolated places over East Rajasthan, Rayalaseema, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puduchery & Karaikal and Kerala & Mahe.

♦ **Squally weather** (wind speed 45-55 kmph gusting to 65 kmph) likely over along and off Kerala, Karnataka, Maharashtra, Gujarat coasts, Lakshadweep area, north-east Arabian Sea, east-central Bay of Bengal, north west Bay of Bengal and off Odisha coast; Squally weather (wind speed 40-50 kmph gusting to 65 kmph) over Andaman Sea, central parts of south Bay of Bengal. **Squally winds** of 45-55 kmph gusting to 65 kmph likely over west-central Arabian Sea and adjoining south-west Arabian Sea, east-central Arabian Sea. Fishermen are advised not to venture into these seas.

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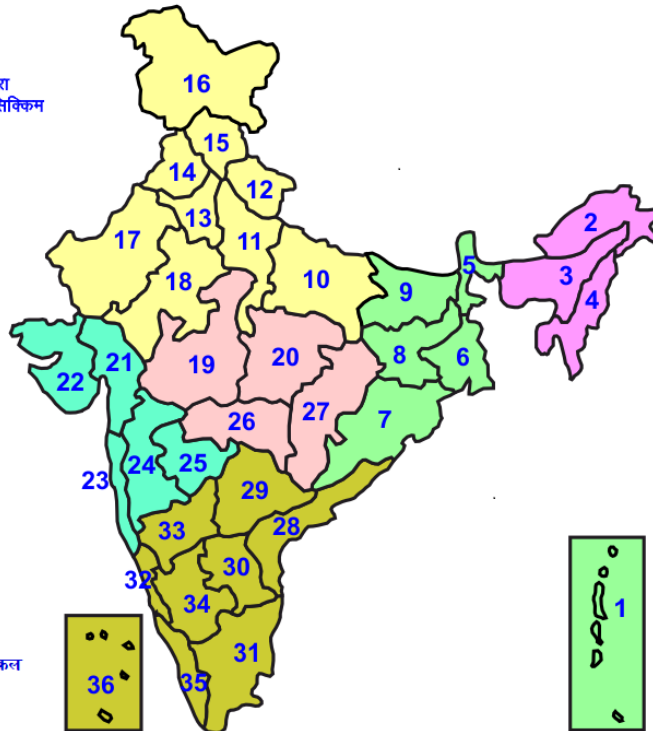
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LEGENDS

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

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



Heavy Rain



Heavy Snow



Thunderstorm



Dust Storm



Strong Winds



Visibility



Cyclone



Squall/ Hail



Frost



Cold Wave



Heat Wave



Sea State

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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°C to 6.4°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°C

Warm Night: When minimum temperature departure 4.5°C to 6.4°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°C to -6.4°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°C to -6.4°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)

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