

Thursday 02 March 2023

MID-DAY

Time of Issue: 1300 hours IST

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings:

♦ The Western Disturbance as a trough in middle tropospheric westerlies runs roughly along Long. 65°E to the north of Lat. 32°N. Another Western Disturbance as a trough in middle tropospheric westerlies runs roughly along Long. 50°E to the north of Lat. 20°N. Under their influence:

⇒ Light to moderate scattered rainfall/snowfall very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Himachal Pradesh during 02nd-04th March. Light isolated rainfall also likely over Uttarakhand and Punjab on 02nd and 04th March. Dry weather likely over the region thereafter.

♦ Strong surface winds (speed 20-30 kmph) very likely over Uttar Pradesh on 03rd & 04th March.

♦ Under the influence of a north-south trough in lower level easterlies:

⇒ Isolated light rainfall is likely over north Maharashtra, south Madhya Pradesh and Gujarat during 04th-06th March.

⇒ Isolated light/moderate thunderstorm activity also likely over West Madhya Pradesh on 04th & 05th; over East Madhya Pradesh on 05th & 06th and over Vidarbha on 06th March, 2023.

♦ Squally weather (wind speed 40-45 kmph gusting to 55 kmph) very likely over Comorin area on 04th & 05th March.

Main Weather Observations

♦ **Rainfall/thundershowers observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): at most places over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad; at a few places over Himachal Pradesh; at isolated places over Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, Rajasthan, Arunachal Pradesh and Tamil Nadu, Puducherry & Karaikal.

♦ **Significant amount of rainfall recorded** (from 0830 hours IST of yesterday to 0830 hours IST of today)(in cm): Pahalgam and Manali-1.

♦ **Thunderstorm observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): at isolated places over Madhya Pradesh and Rajasthan.

♦ **Minimum Temperature Departures (as on 02-03-2023):** Minimum temperatures are **appreciably above normal (3.1°C to 5.0°C)** at most places over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Punjab; at many places over Rajasthan; at a few places over East Madhya Pradesh, Uttar Pradesh, Haryana, Chandigarh & Delhi; at isolated places over West Madhya Pradesh; **above normal (1.6°C to 3.0°C)** at most places over Saurashtra & Kutch, Sub-Himalayan West Bengal & Sikkim; at many places over Bihar, Chhattisgarh; at a few places over Gujarat Region, Gangetic West Bengal, Jharkhand; at isolated places over Konkan & Goa, Madhya Maharashtra, Vidharbha. They are **below normal (-1.6°C to -3.0°C)** at many places over Arunachal Pradesh, Telangana; at isolated places over Karnataka, Tamil Nadu, Puducherry & Karaikal and near normal over rest parts of the country. Today, the **lowest minimum temperature of 12.0°C** is reported at Karnal (**Haryana**) over plains of the country.

♦ **Maximum Temperature Departures (as on 01-03-2023):** Maximum temperatures were **markedly above normal (5.1°C or more)** at many places over Punjab, Uttarakhand; at a few places over West Uttar Pradesh; at isolated places over Bihar; **appreciably above normal (3.1°C to 5.1°C)** at many places over East Uttar Pradesh, Rajasthan, Jharkhand, Coastal Karnataka; at a few places over Madhya Pradesh, Gujarat State, Gangetic West Bengal; at isolated places over Vidharbha; at many places over Chhattisgarh, Odisha, Nagaland, Manipur, Mizoram & Tripura; at a few places over Konkan & Goa, Coastal Andhra Pradesh & Yanam, Assam & Meghalaya, Kerala & Mahe. They were **below normal (-1.6°C to -3.0°C)** at isolated places over Himachal Pradesh, Tamilnadu, Puducherry & Karaikal 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 **Bramhapuri (Vidharbha)**.

* 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

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Meteorological Analysis (Based on 0830 hours IST)

- ◆ The **Western Disturbance** as a trough in middle & upper tropospheric westerlies with its axis at 5.8 km above mean sea level now runs roughly along Long. 68°E to the north of Lat. 32°N.
- ◆ A fresh **Western Disturbance** as a trough in middle & upper tropospheric westerlies with its axis at 5.8 km above mean sea level runs roughly along Long. 50°E to the north of Lat. 20°N.
- ◆ The induced cyclonic circulation over Southeast Rajasthan & adjoining West Madhya Pradesh extending upto 1.5 km above mean sea level has become less marked.
- ◆ The cyclonic circulation over south Assam & neighbourhood at 0.9 km above mean sea level has become less marked.

Weather Forecast for next 5 days * upto 0830 hours IST of 07th March, 2023

- ◆ Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.
- ⇒ **Northwest India and East India:** No significant change in maximum Temperatures during next 5 days.
- ⇒ **Central India:** No significant change in maximum Temperatures during next 3 days and fall by about 2°C thereafter.
- ⇒ **West India:** Maximum Temperatures are likely to rise by 2-3°C during next 02 days and no significant change thereafter.
- ◆ No significant change in maximum Temperatures very likely over rest parts of the country during next 5 days.

Weather Outlook for subsequent 2 days during 07th-09th March, 2023

- ◆ Light to moderate isolated rainfall likely over Arunachal Pradesh.
- ◆ Under the influence of a middle level westerly trough; isolated/scattered light/moderate rainfall accompanied with moderate thunderstorm activity likely over North Maharashtra and adjoining south Madhya Pradesh.
- ◆ Dry weather likely over rest parts of the country.

Weather Warning during next 5 days *

02 March (Day 1): ♦ Thunderstorm accompanied with lightning very likely at isolated places over Sub-Himalayan West Bengal & Sikkim.

03 March (Day 2): ♦ No weather warning.

04 March (Day 3): ♦ Thunderstorm accompanied with lightning very likely at isolated places over East Madhya Pradesh.

♦ **Squally weather** (wind speed 40-45 kmph gusting to 55 kmph) likely over Comorin area. Fishermen are advised not to venture into these area.

05 March (Day 4): ♦ Thunderstorm accompanied with lightning very likely at isolated places over Madhya Pradesh.

♦ **Squally weather** (wind speed 40-45 kmph gusting to 55 kmph) likely over Comorin area. Fishermen are advised not to venture into these area.

06 March (Day 5): ♦ Thunderstorm accompanied with lightning very likely at isolated places over West Madhya Pradesh and Vidharbha.

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.



Table-1

5 Day Rainfall Forecast (MID-DAY)

02-March-2023

Met-Sub-Division	02-Mar Today	03Mar Fri	04Mar Sat	05Mar Sun	06Mar Mon
1. Andaman & Nicobar Islands	ISOL	ISOL	ISOL	DRY	DRY
2. Arunachal Pradesh	ISOL	ISOL	ISOL	ISOL	ISOL
3. Assam & Meghalaya	ISOL	DRY	DRY	DRY	DRY
4. N. M. M. & T.	DRY	DRY	DRY	DRY	DRY
5. S.H. West Bengal & Sikkim	SCT	ISOL	ISOL	ISOL	ISOL
6. Gangetic West Bengal	DRY	DRY	DRY	DRY	DRY
7. Odisha	DRY	DRY	DRY	DRY	DRY
8. Jharkhand	DRY	DRY	DRY	DRY	DRY
9. Bihar	DRY	DRY	DRY	DRY	DRY
10. East Uttar Pradesh	DRY	DRY	DRY	DRY	DRY
11. West Uttar Pradesh	DRY	DRY	DRY	DRY	DRY
12. Uttarakhand	ISOL	DRY	ISOL	DRY	DRY
13. Haryana, Chd & Delhi	DRY	DRY	DRY	DRY	DRY
14. Punjab	ISOL	DRY	ISOL	DRY	DRY
15. Himachal Pradesh	SCT	ISOL	SCT	DRY	DRY
16. J & K and Ladakh	FWS	SCT	SCT	DRY	DRY
17. West Rajsthan	DRY	ISOL	ISOL	DRY	DRY
18. East Rajasthan	DRY	DRY	ISOL	ISOL	DRY
19. West Madhya Pradesh	DRY	DRY	ISOL	ISOL	ISOL
20. East Madhya Pradesh	DRY	DRY	DRY	ISOL	ISOL
21. Gujarat Region	DRY	DRY	ISOL	ISOL	ISOL
22. Saurashtra & Kutch	DRY	DRY	ISOL	ISOL	ISOL
23. Konkan & Goa	DRY	DRY	DRY	ISOL	ISOL
24. Madhya Maharashtra	DRY	DRY	ISOL	ISOL	ISOL
25. Marathawada	DRY	DRY	DRY	ISOL	ISOL
26. Vidharbha	DRY	DRY	DRY	ISOL	ISOL
27. Chhattisgarh	DRY	DRY	DRY	DRY	ISOL
28. Coastal A. P. & Yanam	DRY	DRY	DRY	DRY	DRY
29. Telangana	DRY	DRY	DRY	DRY	DRY
30. Rayalaseema	DRY	DRY	DRY	DRY	DRY
31. T.N., Puducherry & Karaikal	DRY	DRY	ISOL	ISOL	DRY
32. Coastal Karnataka	DRY	DRY	DRY	DRY	DRY
33. North Interior Karnataka	DRY	DRY	DRY	DRY	DRY
34. South Interior Karnataka	DRY	DRY	DRY	DRY	DRY
35. Kerala & Mahe	DRY	DRY	ISOL	ISOL	DRY
36. Lakshadweep	SCT	DRY	DRY	DRY	DRY

% 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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