

Friday 05 August 2022

MID-DAY

Time of Issue: 1315 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 05th & 06th and over Telangana, Coastal & North Interior Karnataka, Coastal Andhra Pradesh & Yanam and Kerala & Mahe during 05th -09th and over South Interior Karnataka during 05th-08th August, 2022.
  - a) Isolated **very heavy rainfall** likely over Karnataka on 05th & 06th; Tamilnadu and Kerala & Mahe on 05th; Telangana during 05th - 09th and Coastal Andhra Pradesh on 08th & 9th August, 2022.
  - b) Isolated **extremely heavy rainfall** also likely over Coastal & South Interior Karnataka on 05th and over Telangana on 8th & 9th August, 2022.
  - ii) 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 05th-09th August, 2022.
  - a) Isolated **very heavy rainfall** also likely over Madhya Pradesh and Saurashtra & Kutch on 08th & 09th; over Vidarbha, Chhattisgarh during 07th-09th; over Gujarat Region on 05th, 08th and 09th; over Konkan & Goa and ghat areas of Madhya Maharashtra during 05th-09th August, 2022.
  - b) Isolated **extremely heavy rainfall** also likely over Vidarbha and Gujarat Region on 9th; over Chhattisgarh, Konkan & Goa and ghat areas of Madhya Maharashtra on 08th & 09th August, 2022.
  - iii) Fairly widespread rainfall with **isolated heavy falls and thunderstorm/lightning** very likely over Sub-Himalayan West Bengal & Sikkim and Arunachal Pradesh on 05th; over Jharkhand 05th & 06th and Odisha and Nagaland, Manipur, Mizoram & Tripura during 05th-09th; over Gangetic West Bengal on 09th and over Assam & Meghalaya during 05th -07th August, 2022.
  - a) Isolated **very heavy rainfall** also likely over Odisha during 07th - 09th August, 2022.
  - b) Isolated extremely heavy rainfall also likely over Odisha on 08th & 09th 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 05th-07th; over Jammu & Kashmir, Punjab, Haryana on 05th; over East Rajasthan during 05th – 09th and over West Rajasthan on 05th, 08th and 09th August, 2022. Isolated very heavy rainfall also likely over East Rajasthan during 07th - 09th August, 2022.

### Main Weather Observations

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(Copies to the Media: page 4875)

♦ **Rainfall/thundershower observed (from 0830 hours IST of yesterday to 0830 hours IST of today):** at most places over Himachal Pradesh, Vidarbha, Andaman & Nicobar Islands, Gujarat Region, Madhya Maharashtra, Marathwada, Konkan & Goa, Telangana, Coastal & South Interior Karnataka, Kerala & Mahe and Lakshadweep; at many places over Jammu & Kashmir, Uttarakhand, East Uttar Pradesh, East Rajasthan, Madhya Pradesh, Chhattisgarh, Sub-Himalayan West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh & Yanam, Rayalaseema, North Interior Karnataka and Tamil Nadu, Puducherry & Karaikal; at a few places over Haryana-Chandigarh & Delhi, West Uttar Pradesh, West Rajasthan, Bihar, Jharkhand, Gangetic West Bengal, Odisha, Arunachal Pradesh and Assam & Meghalaya and at isolated places over Punjab.

♦ **Chief amount of Rainfall observed (from 0830 hours IST of yesterday to 0830 hours IST of today):(7 cm or more): Gujarat Region:** Quant (dist Chhota Udepur) 16, Navasari\_aws (dist Navsari) 13, Jalalpor (dist Navsari) 13, Vadali (dist Sabarkantha) 11, Kapadvanj (dist Kheda) 8, Palsana (dist Surat) 8, Surat\_kvks Aws (dist Surat) 7, Daman\_arg (dist Daman) 7, Navsari (dist Navsari) 7, Mahuva (dist Surat) 7; **Saurashtra & Kutch:** Gadhda (dist Botad) 9, Junagadh (dist Junagadh) 8, Talala (dist Gir Somnath) 7, Savarkundla (dist Amreli) 7; **Jammu & Kashmir:** Kathua: Rajhani-10;

**Konkan & Goa:** Vasai (dist Palghar) 9, Lanja (dist Ratnagiri) 9, Guhagarh (dist Ratnagiri) 9, Mhasla (dist Raigad) 8, Mahad (dist Raigad) 8, Devgad (dist Sindhudurg) 7, Poladpur (dist Raigad) 7, Dapoli\_agri (dist Ratnagiri) 7; **Madhya Maharashtra:** Dhule (dist Dhule) 11, Purandar Sasvad (dist Pune) 9, Devla (dist Nashik) 7, Rahata (dist Ahmednagar) 7; **Marathwada:** Ashti (dist Beed) 12, Hadgaon (dist Nanded) 7; **Kerala & Mahe:** Idukki (dist Idukki) 16, Munnar Kseb (dist Idukki) 15, Peermade To (dist Idukki) 11, Myladumpara\_agri (dist Idukki) 10, Vytiri (dist Wynad) 10, Mattannur Arg (dist Cannur) 9, Kannur Airport Aws (dist Cannur) 9, Palakkad (dist Palakkad) 9, Irikkur (dist Cannur) 8, Mahe (dist Mahe) 8, Kannur (dist Cannur) 8, Tellichery (dist Cannur) 8, Cheruthazham Arg (dist Cannur) 8, Kozha (dist Kottayam) 7, Kuppady (dist Wynad) 7, Mannarkkad (dist Palakkad) 7, Meenangadi Arg (dist Wynad) 7, Neryamangalam Arg (dist Ernakulam) 7, Taliparamba (dist Cannur) 7; **Lakshadweep:** Agathi (dist Lakshadweep) 8; **Haryana:** Bhadra Rev (dist Charkhi Dadri) 8, Dubwali (dist Sirsa) 7; **Coastal Karnataka:** Dakshina Kannada: Mangaluru-11, Panambur-10, Subramanya-9; **North Interior Karnataka:** Vijayapura: Bableshevar-13, Devarhippargi-10; **South Interior Karnataka:** Kodagu: Bhagamandala-14, Napoklu-13; **Himachal Pradesh:** Kangara: Dharmasala-11; **Telangana:** Pargi (dist Vikarabad) 22, Gangadhara (dist Karimnagar) 18, Kamareddy (dist Kamareddy) 11, Maganoor (dist Narayanpet) 8, Tadwai (dist Kamareddy) 8, Noothankal (dist Suryapet) 8, Doma (dist Vikarabad) 7, Chilkur (dist Suryapet) 7; **Rayalaseema:** Raptadu (dist Anantapuramu) 10, Pamidi (dist Anantapuramu) 10, Royachoti (dist Ysr District) 9, Kadiri (dist Anantapuramu) 7; **West Madhya Pradesh:** Kukshi (dist Dhar) 13, Jawad (dist Neemuch) 11, Bhitwar (dist Gwalior) 9, Multai (dist Betul) 8, Sheopur-aws (dist Sheopur) 7; **East Madhya Pradesh:** Chahatpur-aws (dist Chhatapur) 9, Orchha (dist Niwari) 7; **West Rajasthan:** Nagaur: Makrana-7, **East Rajasthan:** Banswara: Khushalgarh-11, Pratapgarh: Chhotisadri-7; **Coastal Andhra Pradesh:** Tiruvuru (dist Krishna) 8, Bestavaripeta (dist Prakasam) 7.

♦ **Heavy rainfall observed (from 0830 hours IST of yesterday to 0830 hours IST of today):** Heavy to very heavy rainfall with extremely heavy falls occurred at isolated places over Tamilnadu and Telangana; heavy to very heavy rainfall at isolated places over East Rajasthan, West Madhya Pradesh, Andaman & Nicobar Islands, Gujarat Region, Marathwada, Coastal Andhra Pradesh, Interior Karnataka and Kerala and heavy rainfall at isolated places over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Haryana, West Rajasthan, East Madhya Pradesh, Vidarbha, Chhattisgarh, Assam & Meghalaya, Madhya Maharashtra, Saurashtra & Kutch, Konkan & Goa, Rayalaseema, Coastal Karnataka and Lakshadweep. ♦ **Thunderstorm observed (from 0830 hours IST of yesterday to 0830 hours IST of today):** at isolated places over Jammu & Kashmir, Uttar Pradesh, Madhya Pradesh, West Bengal & Sikkim, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Rajasthan, Gujarat State, Odisha, Vidarbha, Madhya Maharashtra, Telangana, Rayalaseema, Coastal Andhra Pradesh & Yanam and North Interior Karnataka.

♦ **Minimum Temperature Departures (as on 05-08-2022):** Minimum temperatures are 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 are 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. Today, the lowest minimum temperature of 18.6°C is reported at Khargone (West Madhya Pradesh) over the plains of the country.

♦ **Maximum Temperature Departures (as on 04-08-2022):** Maximum temperatures were appreciably above normal (3.1°C to 5.0°C) at many places over West Madhya Pradesh, Madhya Maharashtra and Vidarbha; at a few places over Saurashtra & Kutch and at isolated places over Odisha and East Madhya Pradesh; above normal (1.6°C to -3.0°C) at many places over Assam & Meghalaya, Gujarat Region and Telangana; at a few places over Arunachal Pradesh, Gangetic West Bengal, Konkan & Goa and Marathwada and at isolated places over Himachal Pradesh, West Rajasthan and Coastal Andhra Pradesh & Yanam. They were appreciably below normal (-3.1°C to -5.0°C) at many places over Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal and isolated places over Andaman & Nicobar Islands; below normal (-1.6°C to -3.0°C) at many places over Uttarakhand and Rayalaseema; at a few places over East Rajasthan and Lakshadweep and at isolated places over West Uttar Pradesh and near normal over rest parts of the country. Today, the highest maximum temperature of 38.8°C was reported at Jaisalmer (West Rajasthan).

### Meteorological Analysis (Based on 0830 hours IST)

- ◆ The **monsoon trough** at mean sea level now passes through Bikaner, Kota, Raisen, Raipur, Digha and thence southeastwards to Eastcentral Bay of Bengal and extends upto 0.9 km above mean sea level.
- ◆ A cyclonic circulation lies over Jharkhand & adjoining Gangetic West Bengal and extends upto 3.1 km above mean sea level.
- ◆ The cyclonic circulation over Westcentral Bay of Bengal & adjoining Andhra Pradesh coast now lies over north Coastal Andhra Pradesh & adjoining Westcentral Bay of Bengal and extends upto 4.5 km above mean sea level tilting southwestwards with height.
- ◆ A cyclonic circulation lies over central parts of Karnataka & neighbourhood between 3.1 km & 7.6 km above mean sea level.
- ◆ 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 northeast Rajasthan & neighbourhood now lies over central parts of Rajasthan & neighbourhood between 3.1 km & 7.6 km above mean sea level.
- ◆ A **Low Pressure Area** is likely to form over Northwest & adjoining Westcentral Bay of Bengal around 07th August, 2022.
- ◆ The shear zone roughly along 11°N over South Peninsular India between 5.8 km & 7.6 km above mean sea level has become less marked.

### Weather Forecast for next 5 days \* upto 0830 hours IST of 10th 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 10th August - 12th 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).





Table-1

## 5 Day Rainfall Forecast (MID-DAY)

05-August-2022

Met-Sub-Division	05-Aug Today	06Aug Sat	07Aug Sun	08Aug Mon	09Aug Tue
1. Andaman & Nicobar Islands	WS	WS	WS	WS	WS
2. Arunachal Pradesh	FWS	FWS	SCT	SCT	SCT
3. Assam & Meghalaya	FWS	FWS	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	SCT	FWS	FWS	FWS	FWS
7. Odisha	FWS	WS	WS	WS	WS
8. Jharkhand	SCT	FWS	WS	WS	WS
9. Bihar	SCT	SCT	SCT	SCT	SCT
10. East Uttar Pradesh	ISOL	SCT	SCT	ISOL	ISOL
11. West Uttar Pradesh	SCT	FWS	FWS	ISOL	ISOL
12. Uttarakhand	WS	WS	FWS	SCT	ISOL
13. Haryana, Chd & Delhi	FWS	FWS	SCT	ISOL	ISOL
14. Punjab	FWS	SCT	SCT	ISOL	ISOL
15. Himachal Pradesh	WS	WS	WS	FWS	ISOL
16. J & K and Ladakh	FWS	SCT	SCT	SCT	ISOL
17. West Rajasthan	FWS	SCT	SCT	SCT	ISOL
18. East Rajasthan	FWS	FWS	WS	FWS	SCT
19. West Madhya Pradesh	FWS	FWS	FWS	WS	WS
20. East Madhya Pradesh	FWS	FWS	WS	WS	WS
21. Gujarat Region	FWS	FWS	FWS	WS	WS
22. Saurashtra & Kutch	FWS	FWS	FWS	FWS	WS
23. Konkan & Goa	WS	WS	WS	WS	WS
24. Madhya Maharashtra	WS	WS	WS	WS	WS
25. Marathawada	WS	WS	WS	WS	WS
26. Vidharbha	FWS	WS	WS	WS	WS
27. Chhattisgarh	FWS	WS	WS	WS	WS
28. Coastal A. P. & Yanam	FWS	FWS	FWS	FWS	FWS
29. Telangana	WS	WS	WS	WS	WS
30. Rayalaseema	FWS	FWS	SCT	SCT	SCT
31. T.N., Puducherry & Karaikal	SCT	SCT	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	WS	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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