

Thursday 01 September 2022

EVENING

Time of Issue: 1600 hours IST

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

- ◆ The monsoon trough at mean sea level runs north to its normal position.
- ◆ A cyclonic circulation lies over Kutch in lower tropospheric levels.
- ◆ Another cyclonic circulation lies over north Tamil Nadu in lower tropospheric levels.
- ◆ A trough runs from south Sri Lanka coast to central Madhya Pradesh & another trough runs from Jammu to central Pakistan in lower tropospheric levels.
- ◆ Under the influence of the above systems:
  - i) Fairly widespread/widespread rainfall with **isolated heavy falls and thunderstorm/lightning** very likely over Nagaland, Manipur, Mizoram & Tripura, Arunachal Pradesh and Assam & Meghalaya during next 5 days. Isolated very heavy rainfall also likely over Arunachal Pradesh and Assam & Meghalaya on 02nd & 03rd September, 2022.
  - ii) Fairly widespread/widespread rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Madhya Pradesh on 01st; Bihar during 01st-03rd; Jharkhand on 03rd and over Sub-Himalayan West Bengal(SHWB) & Sikkim during next 5 days. Isolated **extremely heavy rainfall** over SHWB & Sikkim on 01st & 02nd; **very heavy rainfall** also likely on 03rd & 04th September, 2022.
  - iii) Fairly widespread/widespread rainfall with **isolated heavy falls and thunderstorm/lightning** very likely over Coastal Karnataka on 01st, 04th & 05th; North Interior Karnataka on 01st & 05th; Lakshadweep on 01st & 02nd; Rayalaseema on 05th and over Tamil Nadu, Kerala & Mahe and South Interior Karnataka during next 5 days. Isolated **very heavy rainfall** also likely over Tamil Nadu & South Interior Karnataka on 01st and over Kerala & Mahe and Lakshadweep on 01st & 02nd September, 2022.
  - iv) Isolated/scattered rainfall over Western Himalayan Region & Uttar Pradesh during next 3 days and fairly widespread/widespread rainfall during subsequent 2 days with **isolated heavy falls and thunderstorm/lightning** very likely over Jammu & Kashmir on 04th; Himachal Pradesh on 04th & 05th; Uttarakhand on 01st, 03rd, 04th & 05th and over northwest & East Uttar Pradesh on 01st September, 2022. Isolated **very heavy rainfall** also likely over Uttarakhand on 04th September, 2022.
  - v) Fairly widespread/widespread rainfall with **isolated heavy falls and thunderstorm/lightning** very likely over Saurashtra & Kutch on 01st; Gujarat Region, Madhya Maharashtra & Konkan & Goa on 01st & 02nd September.

Main Weather Observations

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

♦ **Chief amount of Rainfall observed (from 0830 hours IST of yesterday to 0830 hours IST of today): (7 cm or more): Sub-Himalayan West Bengal:** Sevoke-24, Bagrakote-23, Gazoledoba-22, Jhallong-20, Champasari-14, Rongo & Murti -12 each, Nagrakata-11, Bagdogra & Neora-8 each, Pedong & Kalimpong-7 each; **South Interior Karnataka:** Anavatti (dist Shivamogga) 18, Jayapura (dist Chikkamagaluru) 9; **Kerala:** Palakkad 17, Malampuzha (Palakkad district) 16, Chittur (Palakkad district) 15, Athirappilly (Thrissur district) 14, Mannarkkad (Palakkad district) 13, Agathi (Lakshadweep UT) & Vadakara (Kozhikode district) 12 each, Chalakkudy (Thrissur district) 11, Chalakkudy AWS (Thrissur district) 10, Kollengode (Palakkad district) 9, C.I.A.L. Kochi & Neryamangalam ARG, Idamalayar DAM, Odakkali, (all in Ernakulam district) 8 each, Perumbavur (Ernakulam district), Manjeri (Malappuram district) & Peringalkuthu AWS, (Thrissur district), Sengulam DAM (Idukki district), Urumi (Kozhikode district), Mannarkkad (Palakkad district), Aluva (Ernakulam district), Perumanna (Malappuram district) 7 each; **Madhya Maharashtra:** Akole (dist Ahmednagar) 17, Rahata (dist Ahmednagar) 11, Ozarkheda - Fmo (dist Nashik) 9, Sinnar (dist Nashik) 9, Junnar (dist Pune) 9, Dindori (dist Nashik) 8, Igatpuri (dist Nashik) 8, Trimbakshwar (dist Nashik) 7, Gidhade - Fmo (dist Dhule) 7; **Assam & Meghalaya:** East Garo Hills: Williamnagar-16, Hailakandi: Matijuri-8, Hailakandi-7, Karbi Anglong-7, Mawkyrat-7; **Sikkim:** Namchi (AWS) & Namthang (ARG)-14 each, Pakyong-11, Mazitar-10, Tadong (AAWS), Ranipool (AAWS) & Tadong-7 each; **Tamil Nadu:** Thirukuvalai (dist Nagapattinam) 13, Kilacheruvai (dist Cuddalore), Kovilpatti (dist Toothukudi) 11 each, Agaram Seegoor (dist Perambalur), Labbaikudikadu (dist Perambalur) 9 each, Pelandurai (dist Cuddalore), Sholayar (dist Coimbatore) 8 each; **Konkan & Goa:** Mokheda - Fmo (dist Palghar) 12, Matheran (dist Raigad) 9, Poladpur (dist Raigad) 8, Murbad (dist Thane) 7; **Gujarat Region:** Daman (dist Daman) 10, Daman Fmo (dist Daman) 9, Vapi (dist Valsad) 9, Valsad (dist Valsad) 7; West Madhya Pradesh: Badwani (dist Barwani) 10, Sendhwa (med) (dist Barwani) 8; **Gangetic West Bengal:** Bankura-10, Labpur-8; **Jharkhand:** Koderma-7; **Himachal Pradesh:** Kangra: Dharamshala-7; **Marathwada:** Kannad (dist Aurangabad) 7; **Coastal Karnataka:** Jagalbet (dist Uttara Kannada) 8, Yellapur (dist Uttara Kannada) 7; **North Interior Karnataka:** Bailhongal (dist Belagavi) 7; **East Madhya Pradesh:** Waraseoni (dist Balaghat) 9, Pushprajgarh (dist Anuppur) 9, Karanjia (dist Dindori) 7; **Uttarakhand:** Bageshwar: Sama-13, Loharkhet-12.

♦ **Heavy rainfall observed (from 0830 hours IST of yesterday to 0830 hours IST of today):** Extremely heavy rainfall occurred at isolated places over Sub-Himalayan West Bengal; very heavy rainfall over Sikkim, Bihar, Konkan & Goa, Uttarakhand, Assam & Meghalaya, Madhya Maharashtra, South Interior Karnataka, Tamil Nadu and Kerala and heavy rainfall over Himachal Pradesh, West Madhya Pradesh, Gujarat Region, Marathwada, Jharkhand, and Coastal & North Interior Karnataka.

♦ **Thunderstorm observed (from 0830 hours IST to 1430 hours IST of today):** at isolated places over Assam & Meghalaya, Uttar Pradesh, Madhya Pradesh, Sub-Himalayan West Bengal & Sikkim, Bihar, Jharkhand, Chhattisgarh, Rayalaseema, Gujarat State and Tamilnadu, Puducherry & Karaikal.

♦ **Minimum Temperature Departures (as on 01-09-2022):** Minimum temperatures are above normal (1.6°C to 3.0°C) at most places over Punjab and Uttarakhand; at many places over West Madhya Pradesh; at a few places over Himachal Pradesh, Haryana, Chandigarh, & Delhi, Rajasthan, Gujarat Region, East Madhya Pradesh, Vidarbha, Gangetic West Bengal, Odisha and Telangana; at isolated places over Saurashtra & Kutch and Madhya Maharashtra. They are below normal (-1.6°C to -3.0°C) at many places over Tamilnadu, Puducherry & Karaikal and near normal over rest parts of the country. Today, the lowest minimum temperature of 16.6°C is reported at Tirupattur (Tamilnadu, Puducherry & Karaikal) over the plains of the country.

♦ **Maximum Temperature Departures (as on 31-08-2022):** Maximum temperatures were appreciably above normal (3.1°C to 5.0°C) at most places over Vidarbha; at many places over Uttarakhand, West Madhya Pradesh, Madhya Maharashtra, Chhattisgarh and North Interior Karnataka; at a few places over Gangetic West Bengal, East Madhya Pradesh; above normal (1.6°C to 3.0°C) at most places over Himachal Pradesh, Punjab, East Rajasthan, Gujarat Region, Marathwada, Jharkhand and Odisha; at many places over Saurashtra & Kutch and Telangana; at a few places over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Haryana, Chandigarh & Delhi, Konkan & Goa and Andaman & Nicobar Islands and at isolated places over Uttar Pradesh and Coastal Andhra Pradesh & Yanam. 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 Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya and near normal over rest parts of the country. Yesterday, the highest maximum temperature of 39.0°C was reported at Churu (West Rajasthan) over the plains of the country.

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### Meteorological Analysis (Based on 1430 hours IST)

- ◆ The **monsoon trough** at mean sea level now passes through Amritsar, Rohtak, Bareilly, Sultanpur, Patna, Balurghat and thence eastwards to Nagaland across north Bangladesh and Assam.
- ◆ The cyclonic circulation over north Tamil Nadu & neighbourhood extending upto 1.5 km above mean sea level persists.
- ◆ The trough from south Sri Lanka coast to central Madhya Pradesh across cyclonic circulation over north Tamil Nadu & neighbourhood, Interior Karnataka & Marathwada at 0.9 km above mean sea level persists.
- ◆ The cyclonic circulation over Kutch & neighbourhood at 3.1 km above mean sea level persists.
- ◆ The trough from Jammu to central Pakistan at 1.5 km above mean sea level persists.

### Weather Forecast for next 5 days.\* upto 0830 hours IST of 06th 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 06th September- 08th September, 2022

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

Table-1

## 5 Day Rainfall Forecast (EVENING)

01-September-2022

Met-Sub-Division	01-Sep Today	02-Sep Fri	03-Sep Sat	04-Sep Sun	05-Sep Mon
1. Andaman & Nicobar Islands	FWS	FWS	FWS	WS	WS
2. Arunachal Pradesh	WS	WS	WS	WS	FWS
3. Assam & Meghalaya	WS	WS	WS	WS	FWS
4. N. M. M. & T.	SCT	SCT	FWS	FWS	SCT
5. S.H. West Bengal & Sikkim	WS	WS	WS	WS	WS
6. Gangetic West Bengal	SCT	SCT	FWS	FWS	FWS
7. Odisha	ISOL	ISOL	SCT	SCT	FWS
8. Jharkhand	FWS	WS	WS	WS	FWS
9. Bihar	FWS	FWS	FWS	SCT	SCT
10. East Uttar Pradesh	FWS	SCT	ISOL	ISOL	ISOL
11. West Uttar Pradesh	ISOL	ISOL	ISOL	ISOL	ISOL
12. Uttarakhand	SCT	SCT	SCT	WS	FWS
13. Haryana, Chd & Delhi	ISOL	ISOL	ISOL	ISOL	SCT
14. Punjab	ISOL	ISOL	ISOL	ISOL	SCT
15. Himachal Pradesh	ISOL	ISOL	FWS	WS	WS
16. J & K and Ladakh	ISOL	ISOL	ISOL	SCT	SCT
17. West Rajasthan	ISOL	ISOL	DRY	DRY	DRY
18. East Rajasthan	ISOL	ISOL	ISOL	ISOL	ISOL
19. West Madhya Pradesh	SCT	SCT	ISOL	ISOL	ISOL
20. East Madhya Pradesh	SCT	SCT	SCT	SCT	SCT
21. Gujarat Region	SCT	ISOL	ISOL	ISOL	ISOL
22. Saurashtra & Kutch	SCT	ISOL	ISOL	DRY	DRY
23. Konkan & Goa	WS	WS	FWS	WS	WS
24. Madhya Maharashtra	WS	FWS	SCT	SCT	SCT
25. Marathwada	SCT	SCT	ISOL	ISOL	SCT
26. Vidharbha	SCT	SCT	SCT	SCT	SCT
27. Chhattisgarh	SCT	SCT	SCT	SCT	FWS
28. Coastal A. P. & Yanam	SCT	ISOL	ISOL	SCT	FWS
29. Telangana	SCT	ISOL	ISOL	SCT	SCT
30. Rayalaseema	ISOL	ISOL	ISOL	SCT	SCT
31. T.N., Puducherry & Karaikal	FWS	SCT	SCT	FWS	FWS
32. Coastal Karnataka	WS	WS	WS	WS	WS
33. North Interior Karnataka	WS	FWS	FWS	FWS	WS
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		

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