



Thursday 08 September 2022

**NIGHT**

Time of Issue: 2000 hours IST

**ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN**

**Significant Weather Features**

- ◆ The monsoon trough runs south of its normal position.
- ◆ A **Low Pressure Area** lies over Westcentral & adjoining Eastcentral Bay of Bengal now lies over Westcentral Bay of Bengal. It is very likely to become more marked over Westcentral and adjoining Northwest Bay of Bengal off north Andhra Pradesh-south Odisha coasts during next 48 hours.
- ◆ A shear zone runs roughly along Lat.12°N over south Peninsular India in middle tropospheric levels.
- ◆ A cyclonic circulation lies over Coastal Kamataka & neighbourhood in lower tropospheric levels.
- ◆ Under the influence of the above systems:
  - o Fairly widespread/widespread rainfall with **isolated heavy falls and thunderstorm/lightning** very likely over Tamil Nadu Puducherry & Karaikal on 08th & 09th; Rayalaseema & South Interior Karnataka during 08th-10th; Coastal Andhra Pradesh & Yanam, Telangana and North Interior Karnataka during 08th-11th and over Coastal Karnataka and Kerala & Mahe during next 5 days. Isolated **very heavy rainfall** also likely over Rayalaseema on 08th; Coastal Karnataka on 08th & 09th; North Interior Karnataka on 09th and over Coastal Andhra Pradesh & Yanam & Telangana during 08th-10th September, 2022. Isolated **extremely heavy rainfall** also likely over Coastal Andhra Pradesh & Yanam on 09th September, 2022.
  - o Fairly widespread/widespread rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Andaman & Nicobar Islands on 08th; Marathwada during 08th-11th; Chhattisgarh & Gujarat Region during 09th-12th; Vidarbha during 09th-11th; Gangetic West Bengal and Saurashtra & Kutch during 10th-12th; Bihar & East Madhya Pradesh on 12th; Jharkhand & Sub-Himalayan West Bengal on 11th & 12th and over Odisha, Konkan & Goa and Madhya Maharashtra during next 5 days. Isolated **very heavy rainfall** also likely over Odisha during 09th-11th; Chhattisgarh, Gangetic West Bengal and Gujarat Region on 12th and over Madhya Maharashtra and Konkan & Goa during next 5 days.
  - o Fairly widespread/widespread rainfall with **isolated heavy falls and thunderstorm/lightning** very likely over Arunachal Pradesh on 08th; Assam & Meghalaya during 10th-12th and over Nagaland, Manipur, Mizoram & Tripura during next 5 days.
  - o Fairly widespread to widespread light/moderate rainfall with **isolated heavy falls and thunderstorm/lightning** very likely over Uttarakhand on 10th & 11th September, 2022.
  - o **Subdued rainfall** activity likely to continue over most parts of Northwest India during next 5 days.

**Main Weather Observations**

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- ♦ **Rainfall/thundershower observed (from 0830 hours IST to 1730 hours IST of today):** at most places over **Konkan & Goa and Coastal Karnataka; at many places** over East Madhya Pradesh, Chhattisgarh, Odisha, South interior Karnataka, Rayalaseema, Coastal Andhra Pradesh & Yanam and Telangana; **at a few places** over East Uttar Pradesh, West Madhya Pradesh, Gujarat Region, North Interior Karnataka and Kerala & Mahe and **at isolated places** over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Uttarakhand, Bihar, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Saurashtra & Kutch, Vidarbha, Marathwada, Tamilnadu, Puducherry & Karaikal, Lakshadweep and Gangetic West Bengal.
- ♦ **Chief amount of Rainfall observed (from 0830 hours IST to 1730 hours IST of today): (3 cm or more):** Daman-8; Sholapur and Kakinada-4; Gopalpur, Parbhani and Mandla-3.
- ♦ **Heavy Rainfall observed (from 0830 hours IST to 1730 hours IST of today):** heavy rainfall at isolated places over Gujarat Region (Daman).
- ♦ **Thunderstorm observed (from 0830 hours IST to 1730 hours IST of today):** at isolated places over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Sub-Himalayan West Bengal & Sikkim, Gujarat, Konkan & Goa, Marathwada, East Uttar Pradesh, Chhattisgarh, Madhya Pradesh, Vidarbha, Coastal Andhra Pradesh & Yanam, Telangana, Gujarat Region, Bihar, Odisha and Madhya Maharashtra.
- ♦ **Minimum Temperature Departures (as on 08-09-2022):** Minimum temperatures are **appreciably above normal (3.1°C to 5.0°C)** at many places over West Uttar Pradesh; at a few places over Bihar, Sub-Himalayan West Bengal & Sikkim; at isolated places over East Rajasthan and Madhya Pradesh; **above normal (1.6°C to 3.0°C)** at most places over Punjab, Gujarat Region; at many places over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh, Haryana, Chandigarh & Delhi, West Rajasthan, Gangetic West Bengal, Odisha, Assam & Meghalaya; at a few places over Vidarbha, Madhya Maharashtra, South Interior Karnataka and at isolated places over Uttarakhand and Saurashtra & Kutch. They are **below normal (-1.6°C to -3.0°C)** at a few places over Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe and near normal over rest parts of the country. **Today, the lowest minimum temperature** of 21.0°C is reported at Betul (**West Madhya Pradesh**) over the plains of the country.
- ♦ **Maximum Temperature Departures (as on 08-09-2022):** Maximum temperatures are **appreciably above normal (3.1°C to 5.0°C)** at a few places over Gujarat Region and Gangetic West Bengal; **above normal (1.6°C to 3.0°C)** at most places over West Uttar Pradesh, Rajasthan, East Madhya Pradesh, Saurashtra & Kutch and Nagaland, Manipur, Mizoram & Tripura; at many places over East Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh, Vidarbha, Jharkhand, Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya; at a few places over Odisha. They are **appreciably below normal (-3.1°C to -5.0°C)** at most places over Rayalaseema; **below normal (-1.6°C to -3.0°C)** at most places over Coastal Karnataka and Coastal Andhra Pradesh & Yanam; at many places over South Interior Karnataka, Tamilnadu, Puducherry & Karaikal and Arunachal Pradesh; at a few places over Andaman & Nicobar Islands, Telangana and Kerala & Mahe and at isolated places over North Interior Karnataka and near normal over rest parts of the country. **Today, the highest maximum temperature** of 40.2°C was reported at Churu (**West Rajasthan**) over the plains of the country.

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### Meteorological Analysis (Based on 1730 hours IST)

- ◆ The **monsoon trough** at mean sea level now passes through Jaisalmer, Udaipur, Indore, Akola, Ramagundam, Machillipatnam and thence eastwards to centre of **Low Pressure Area** over Westcentral Bay of Bengal.
- ◆ The **Low Pressure Area** over Westcentral & adjoining Eastcentral Bay of Bengal now lies over Westcentral Bay of Bengal with the associated cyclonic circulation extending upto mid-tropospheric level. It is very likely to become more marked over Westcentral and adjoining Northwest Bay of Bengal off north Andhra Pradesh-south Odisha coasts during next 48 hours.
- ◆ The trough now runs from south Konkan to the **Low Pressure Area** over Westcentral Bay of Bengal across North Interior Karnataka, south Telangana & north Coastal Andhra Pradesh at 0.9 km above mean sea level.
- ◆ The shear zone roughly along Lat.12°N over south peninsular India between 4.5 km & 7.6 km above mean sea level persists.
- ◆ The cyclonic circulation over Coastal Karnataka & neighbourhood between 1.5 km & 3.1 km above mean sea level persists.

### Weather Forecast for next 5 days\* upto 0830 hours IST of 13th 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 13th September- 15th September, 2022

- ◆ Fairly widespread to widespread light/moderate rainfall activity likely over West Coast, Central & East India. Isolated heavy to very heavy falls also likely Gujarat Region, Tripura & Meghalaya.
- ◆ Isolated to scattered light/moderate rainfall activity likely over south peninsular & Northeast India.
- ◆ Increased rainfall activity likely over plains of Northwest India.



**Table-1**  
**5 Day Rainfall Forecast (NIGHT)**  
**08-September-2022**

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

**% 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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