



Friday 01 July 2022

MID DAY

Time of Issue: 1500 hours IST

## ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

### Significant Weather Features

#### **Advance of Southwest Monsoon:**

◆ Southwest Monsoon has further advanced into entire Punjab and Haryana; and more parts of Rajasthan today, the 1st July, 2022. The Northern Limit of Monsoon (NLM) now passes through Lat. 24°N/ Long. 60°E, Lat. 24°N/ Long. 65°E, Deesa, Chittorgarh, Bikaner and Khajuwala.

◆ Conditions are favorable for further advance of monsoon into remaining parts of Rajasthan and Gujarat during next 2-3 days. Hence, southwest monsoon is likely to cover the entire country during next 2-3 days.

#### **Rainfall/thunderstorm Forecast & Warnings:**

◆ An east-west trough runs from northwest Rajasthan to northeast Bay of Bengal in lower tropospheric levels. Due to this trough and moist winds from Bay of Bengal and Arabian Sea over northern parts of the country in lower tropospheric levels:

o Isolated heavy rainfall very likely over West Rajasthan on 01st & 02nd; East Rajasthan on 01st, 02nd & 04th; Punjab, Haryana-Chandigarh & Rajasthan on 01st July; Himachal Pradesh on 01st & 05th; Uttarakhand and East Uttar Pradesh during 02nd-05th; West Uttar Pradesh on 05th July. Isolated heavy to very heavy rainfall also very likely over Rajasthan on 01st and Uttarakhand on 05th July, 2022.

o Scattered/fairly widespread light/moderate rainfall with isolated thunderstorm/lightning very likely over Madhya Pradesh, Chhattisgarh and Vidarbha during next 5 days.

o Isolated heavy rainfall very likely over East Madhya Pradesh and Chhattisgarh during next 5 days; over West Madhya Pradesh on 01st, 02nd and 05th July. Isolated heavy to very heavy rainfall also very likely over West Madhya Pradesh on 01st July.

o Fairly widespread/widespread rainfall with thunderstorm/lightning very likely to continue over Bihar, Jharkhand, Odisha and Gangetic West Bengal during next 4-5 days.

o Isolated heavy rainfall very likely over Odisha during next 5 days; Bihar on 01st, 02nd & 05th; Jharkhand on 01st, 02nd, 03rd & 05th; Gangetic West Bengal on 01st July, 2022. Isolated heavy to very heavy rainfall also likely over Odisha on 04th July.

◆ Under the influence of the off-shore trough at mean sea south Gujarat to south Maharashtra coast and strong westerly/south westerly winds along the west coast in lower tropospheric levels:

o Widespread light/moderate rainfall with thunderstorm/lightning very likely over Konkan & Goa, Coastal Karnataka and Kerala & Mahe and scattered to fairly widespread rainfall activity over Gujarat, Madhya Maharashtra and Interior Karnataka during next 5 days.

o Isolated heavy rainfall very likely over Gujarat Region, Konkan & Goa, Coastal Karnataka and Kerala & Mahe during next 5 days; Madhya Maharashtra on 01st; South Interior Karnataka on 01st, 04th & 05th; Tamil Nadu, Puducherry & Karaikal on 01st, 02nd & 05th July.

o Isolated heavy to very heavy rainfall likely over Gujarat Region and Konkan & Goa on 01st, 02nd & 05th; Coastal Karnataka on 01st & 05th July.

### Main Weather Observations

\* 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)

- ◆ Southwest Monsoon has further advanced into entire Punjab and Haryana and more parts of Rajasthan today, the 1st July, 2022. The Northern Limit of Monsoon (NLM) now passes through Lat. 24°N/ Long. 60°E, Lat. 24°N/ Long. 65°E, Deesa, Chittrogarh, Bikner and Khajuwala.
- ◆ Conditions are favorable for further advance of monsoon into remaining parts of Rajasthan and Gujarat during next 2-3 days. Hence, southwest monsoon is likely to cover the entire country during next 2-3 days..
- ◆ The east-west trough now runs from northwest Rajasthan to Northeast Bay of Bengal across south Haryana, south Uttar Pradesh, Jharkhand and Gangetic West Bengal and extends upto 1.5 km above mean sea level.
- ◆ The off-shore trough at mean sea level from south Gujarat to north Karnataka coast now runs from south Gujarat to south Maharashtra.
- ◆ A cyclonic circulation lies over East Rajasthan & neighbourhood between 3.1 km & 5.8 km above mean sea levels.
- ◆ A trough runs from above cyclonic circulation over East Rajasthan & neighbourhood to Westcentral Arabian Sea between 3.1 km & 5.8 km above mean sea levels.
- ◆ The cyclonic circulation over Westcentral Arabian Sea between 3.1 km & 5.8 km above mean sea level has merged with the above trough.
- ◆ A Low Pressure Area likely to form over north Odisha & neighbourhood around 04th July, 2022.

### Weather Forecast for next 5 days \* upto 0830 hours IST of 06th July, 2022

- ◆ Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.
- ◆ 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 06th July-08th July, 2022

- ◆ Widespread light/moderate rainfall likely to continue over many parts of West coast.
- ◆ Scattered to fairly widespread rainfall likely over many parts of peninsular India, Northwest, East, Central & Northeast India, Sub-Himalayan West Bengal & Sikkim and Islands..
- ◆ Isolated to Scattered rainfall over rest parts of the country.



**Table-1**  
**5 Day Rainfall Forecast (MID DAY )**  
**01-July-2022**

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

**% Station Reporting Rainfall**

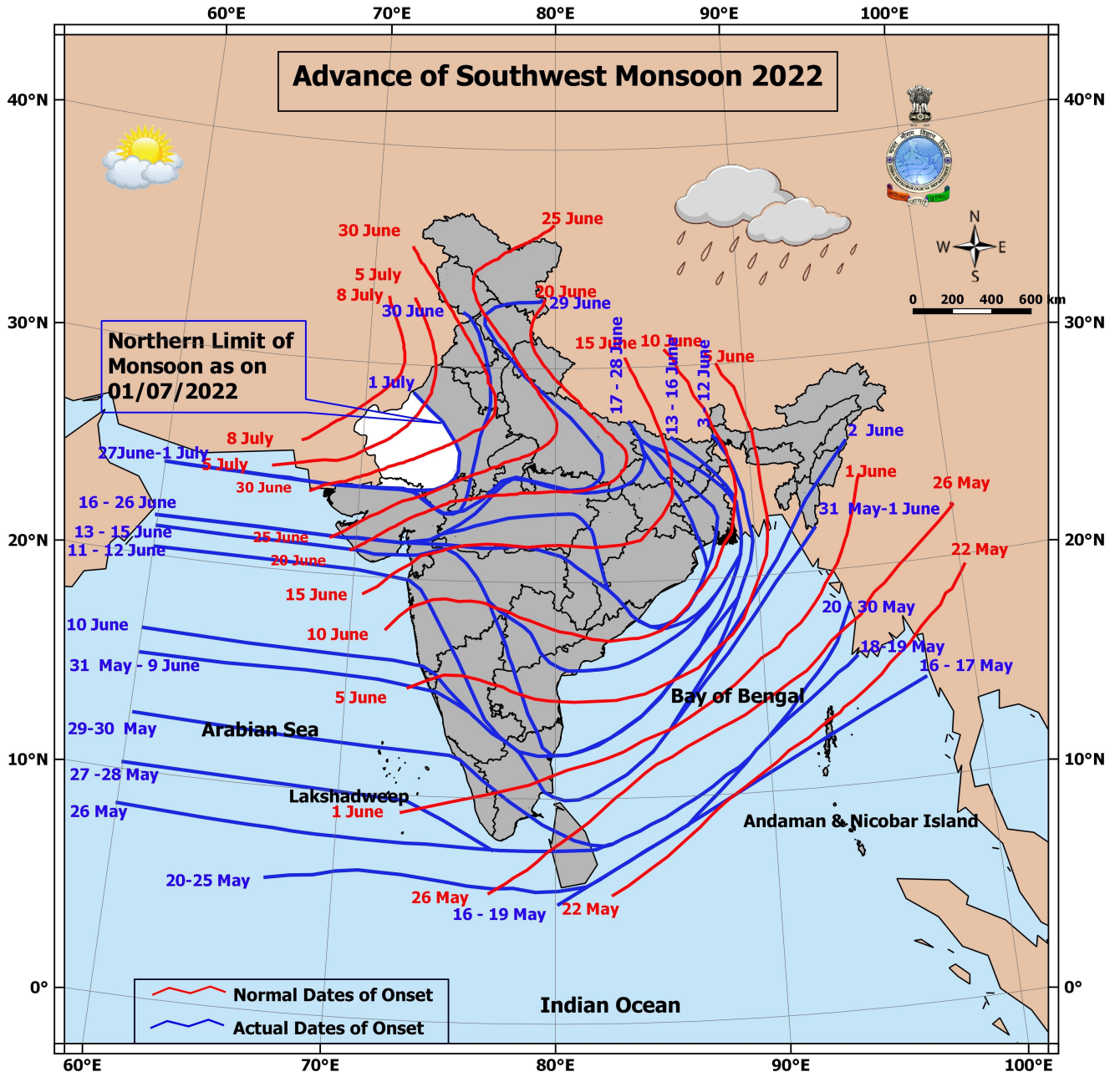
% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

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