राष्ट्रीय मौसम पूर्वानुमान केन्द्र
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय

National Weather Forecasting Centre
India Meteorological Department
Ministry of Earth Sciences

Thursday 23 June 2022
MID-DAY
Time of Issue: 1230 hours IST

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Advance of Southwest Monsoon:

♦ The Northern Limit of Monsoon (NLM) continues to pass through Lat. 22°N/ Long. 60°E, Lat. 22°N/ Long. 65°E, Porbandar, Baroda, Shivpuri, Rewa, Churk, 27.0°N/84°E.

Rainfall/thunderstorm Forecast & Warnings:

♦ **Under the influence of an off-shore trough, a middle-level cyclonic circulation over Eastcentral Arabian Sea off Maharashtra coast and strong westerly winds along the west coast in lower tropospheric levels:**

o Fairly widespread/ widespread rainfall with thunderstorm/lightning very likely over Karnataka, Konkan & Goa, Kerala & Mahe and Lakshadweep and scattered to fairly widespread rainfall likely over Madhya Maharashtra, Marathwada, Andhra Pradesh & Yanam, Telangana and Tamilnadu, Puducherry & Karaikal during next 5 days.

o Isolated **heavy rainfall** very likely over Konkan & Goa, Gujarat region, Coastal Karnataka and Kerala & Mahe during next 5 days; ghat areas of Madhya Maharashtra during 23rd-26th; Interior Karnataka on 25th; Coastal Andhra Pradesh on 23rd & 24th June, 2022. Isolated **Very heavy rainfall** also likely over Konkan & Goa during next 4 days.

♦ **Under the influence of southerly/southwesterly winds from Bay of Bengal to Northeast & adjoining East India:**

o Widespread rainfall very likely over Northeast India and Sub-Himalayan West Bengal & Sikkim during next 5 days. Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during next 5 days. Isolated **very heavy rainfall** also likely over Sub-Himalayan West Bengal during 25th-27th June.

o Fairly widespread rainfall with thunderstorm/lightning very likely to continue over Bihar, Jharkhand, Odisha, Chhattisgarh, Vidarbha and Gangetic West Bengal during next 5 days. Isolated **heavy rainfall** likely over Vidarbha on 24th & 25th; Bihar during 24th-27th and over Odisha during 23rd-25th & 27th and over Chhattisgarh during 23rd-27th June, 2022.

Main Weather Observations

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

♦ Isolated **very heavy rainfall** occurred over Konkan & Goa and **heavy rainfall** over West Rajasthan, West Madhya Pradesh, Manipur, Assam & Meghalaya, Gujarat region, Madhya Maharashtra, Kerala, Coastal Karnataka and Odisha.

♦ **Chief amount of Rainfall observed (from 0830 hours IST of yesterday to 0830 hours IST of today)(7 cm or more)**:**Konkan & Goa**: Sindhudurg): Malvan -14, South Goa: Canacona- 7, Raigad: Khalapur, Matheran–7 each, North Goa: Mapusa-7, **Madhya Maharashtra:** Nashik: Kalvan-7, **Assam & Meghalaya**: Cachar: Silchar-11, A P Ghat-10, Hailakandi: Matijuri-8, **Manipur**: Imphal west: Chottabekra-11, Imphal East: Imphal-10, **Gujarat Region:** Surat: Kamrej-10, Umerpada-9, Choryasi -7, Anand: Anand-9, Kheda: Kapadvanj-7, **Coastal Karnataka:** Dakshina Kannada: Mulki-9, Uttara Kannada: Gersoppa, Shirali-7 each, **Kerala**: Wayanad: Vythiri, Pookot-8 each, **West Rajasthan**: Fatehgarh-9, **West Madhya Pradesh:** Dewas: Khategaon-10, Sonkatch-7,Odisha: Jagatsinghpur: Balikuda-11, Sonepur: Ullunda-9, Keonjhargarh: Harichandanpur-8.

♦ **Thunderstorm observed (from 2030 hours IST of yesterday to 0830 hours IST of today)**: at isolated places over West Rajasthan, Madhya Pradesh, Gujarat Region and Nagaland, Manipur, Mizoram & Tripura.

♦ **Maximum Temperature Departures (as on 22-06-2022):** Maximum temperatures were **appreciably above normal (3.1°C to 5.0°C)** at a few places over Arunachal Pradesh and Saurashtra & Kutch and at isolated places over Madhya Maharashtra; **above normal (1.6°C to 3.0°C)** at many places over Jharkhand; at a few places over West Bengal & Sikkim, Assam & Meghalaya and Kerala & Mahe and at isolated places over Madhya Pradesh. They were markedly **below normal (-5.1°C or less)** at most places over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad and at a few places over West Rajasthan; **appreciably below normal (-3.1°C to -5.0°C)** at isolated places over East Rajasthan. Haryana, Chandigarh & Delhi, Coastal Andhra Pradesh, Telangana, Coastal Karnataka and Tamilnadu, Puducherry & Karaikal; **below normal (-1.6°C to -3.0°C)** at most places over Punjab; at a few places over North Interior Karnataka and at isolated places over Konkan & Goa and near normal over rest parts of the country. **Yesterday,** the highest maximum temperature of **40.6°C** was reported at **Bhuj (Saurashtra & Kutch).**

♦ **Minimum Temperature Departures (as on 23-06-2022):** Minimum temperatures are **above normal (1.6°C to 3.0°C)** at many places over East Uttar Pradesh; at a few places over West Bengal & Sikkim; at isolated places over Assam & Meghalaya. They are **markedly below normal (-5.1°C or less)** at isolated places over Jammu & Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad; **appreciably below normal (-3.1°C to -5.0°C**) at a few places over West Rajasthan and Himachal Pradesh; at isolated places over Gujarat Region and East Madhya Pradesh; **below normal (-1.6°C to -3.0°C)** at many places over Punjab and Jharkhand; at a few places over Saurashtra & Kutch, Coastal Andhra Pradesh & Yanam and Tamilnadu, Puducherry & Karaikal; at isolated places over Haryana, Chandigarh & Delhi, East Rajasthan, West Madhya Pradesh, Konkan & Goa and Odisha and near normal over rest parts of the country. **Today,** the lowest minimum temperature of **18.0°C** reported at **Khargone (West Madhya Pradesh)** over the plains of the country.

Meteorological Analysis (Based on 0830 hours IST)

♦ The Northern Limit of Monsoon (NLM) continues to pass through Lat. 22°N/ Long. 60°E, Lat. 22°N/ Long. 65°E, Porbandar, Baroda, Shivpuri, Rewa, Churk, 27.0°N/84°E.

♦ The cyclonic circulation over Jammu & neighbourhood between 3.1 km & 5.8 km above mean sea level has become less marked. The Western Disturbance now seen as a trough in mid & upper tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long 70°E to the north of Lat 26°N.

♦ The off shore trough at mean sea level from south Maharashtra coast to north Kerala coast now runs from south Gujarat coast to Karnataka coast.

♦ The cyclonic circulation over East Jharkhand & adjoining north Odisha between 1.5 km & 5.8 km above mean sea level tilting southwards with height now lies over southeast Uttar Pradesh & neighbourhood and extends upto 3.1 km above mean sea level tilting southwards with height.

♦ A cyclonic circulation lies over Eastcentral Arabian Sea off Maharashtra coast between 3.1 & 4.5 km above mean sea level.

♦ The eastwest trough from northwest Rajasthan to northwest Bay of Bengal across Haryana, Uttar Pradesh, Bihar and Gangetic West Bengal extending upto 0.9 km above mean sea level has become less marked.

♦ The induced cyclonic circulation over northwest Rajasthan & neighbourhood at 1.5 km above mean sea level has become less marked.

Weather Forecast for next 5 days * upto 0830 hours IST of 28th June, 2022

♦ Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.

♦ Gradual rise in maximum temperatures by 2-4°C very likely over most parts of Northwest India during next 5 days.

♦ 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 28th June-30th June, 2022

♦ Widespread light/moderate rainfall likely to continue over West coast, Sub-Himalayan West Bengal & Sikkim, Northeast India.

♦ Scattered to fairly widespread rainfall likely over peninsular India & East India and Islands.

♦ Increase in rainfall activity likely over Northwest and Central India.

♦ Dry weather likely to prevail over rest parts of the country.

Table-1

5 Day Rainfall Forecast (MID-DAY)

23-June-2022

Met-Sub-Division	23-Jun Today	24Jun Fri	25Jun Sat	26Jun Sun	27Jun Mon
1. Andaman & Nicobar Islands	WS	WS	WS	WS	WS
2. Arunachal Pradesh	FWS	WS	WS	WS	WS
3. Assam & Meghalaya	FWS	WS	WS	WS	WS
4. N. M. M. & T.	FWS	WS	WS	WS	WS
5. S.H. West Bengal & Sikkim	FWS	WS	WS	WS	WS
6. Gangetic West Bengal	FWS	FWS	FWS	FWS	FWS
7. Odisha	FWS	FWS	FWS	SCT	FWS
8. Jharkhand	SCT	FWS	FWS	FWS	FWS
9. Bihar	SCT	FWS	FWS	FWS	FWS
10. East Uttar Pradesh	ISOL	ISOL	ISOL	SCT	FWS
11. West Uttar Pradesh	DRY	DRY	DRY	ISOL	SCT
12. Uttarakhand	ISOL	ISOL	ISOL	SCT	FWS
13. Haryana, Chd & Delhi	DRY	DRY	DRY	DRY	ISOL
14. Punjab	DRY	DRY	DRY	DRY	DRY
15. Himachal Pradesh	DRY	DRY	DRY	ISOL	ISOL
16. J & K and Ladakh	ISOL	DRY	DRY	DRY	ISOL
17. West Rajsthan	DRY	DRY	DRY	DRY	DRY
18. East Rajasthan	ISOL	DRY	DRY	DRY	ISOL
19. West Madhya Pradesh	ISOL	ISOL	ISOL	ISOL	SCT
20. East Madhya Pradesh	ISOL	ISOL	ISOL	SCT	SCT
21. Gujarat Region	SCT	SCT	SCT	FWS	SCT
22. Saurashtra & Kutch	SCT	SCT	SCT	SCT	SCT
23. Konkan & Goa	WS	WS	WS	WS	WS
24. Madhya Maharashtra	FWS	FWS	FWS	FWS	FWS
25. Marathawada	FWS	FWS	FWS	FWS	FWS
26. Vidharbha	FWS	FWS	FWS	FWS	FWS
27. Chhattisgarh	FWS	FWS	FWS	FWS	FWS
28. Coastal A. P. & Yanam	FWS	FWS	FWS	SCT	SCT
29. Telangana	SCT	SCT	SCT	SCT	FWS
30. Rayalaseema	ISOL	SCT	ISOL	ISOL	ISOL
31. T.N.,Puducherry & Karaikal	SCT	SCT	ISOL	ISOL	ISOL
32. Coastal Karnataka	WS	WS	WS	WS	WS
33. North Interior Karnataka	FWS	FWS	WS	FWS	FWS
34. South Interior Karnataka	FWS	FWS	FWS	SCT	SCT
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 Widespred (FWS/ Many Places)	1-25	Isolated (ISOL)
No Rain	Dry		

*** 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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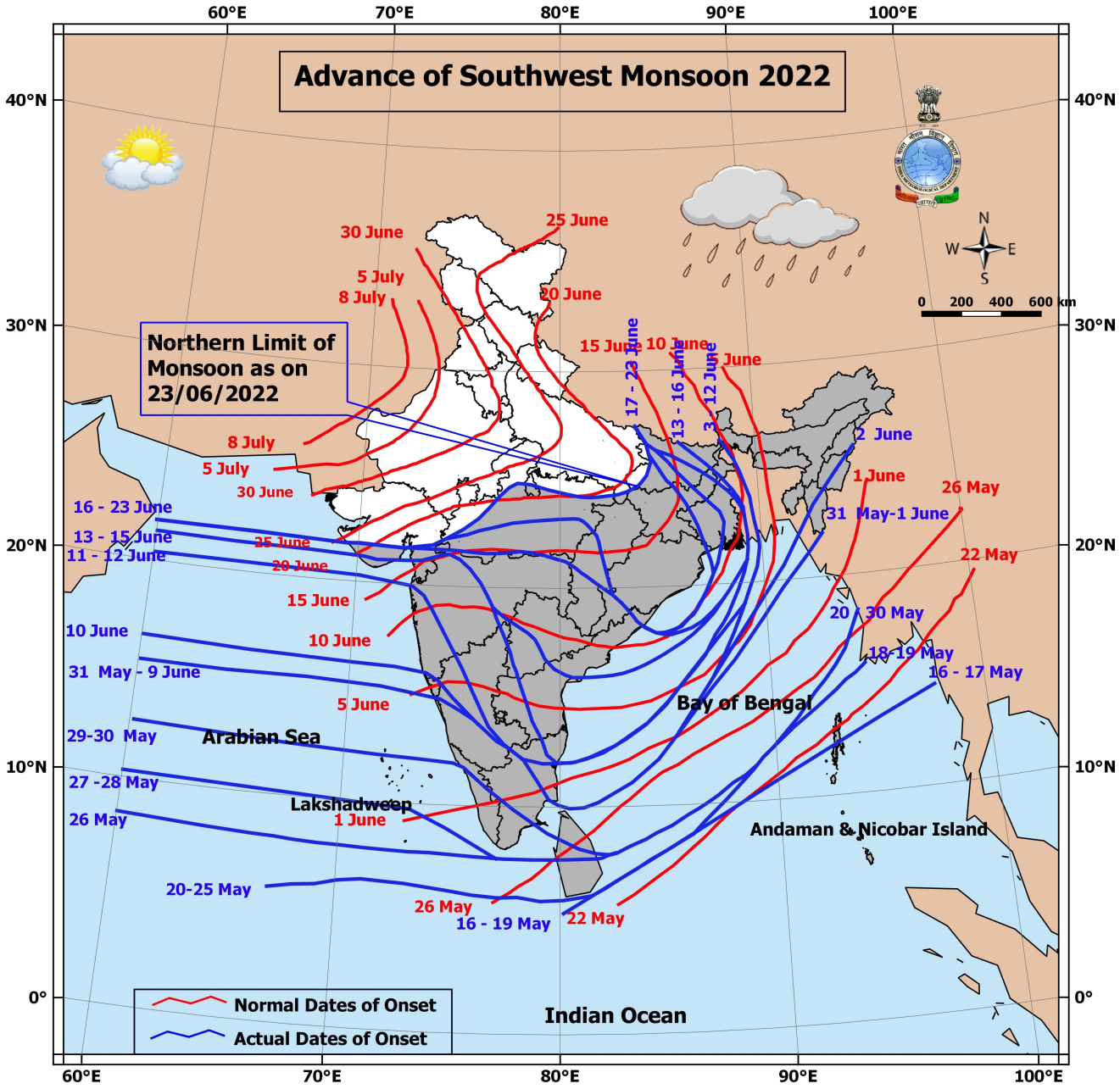

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