

National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Friday 30 July 2021
MID-DAY

Time of Issue: 1300 hours IST

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

- ♦ The Well Marked Low Pressure Area lies over Gangetic West Bengal & adjoining Jharkhand with the associated cyclonic circulation extending upto 7.6 km above mean sea level. It is likely to move west-northwestwards across south Bihar and southern parts of Uttar Pradesh during next 2-3 days.
- ♦ A fresh Low Pressure Area lies over southern parts of central Uttar Pradesh and the associated cyclonic circulation extends upto 7.6 km above mean sea level.
- ♦ The eastern end of the monsoon trough is likely to shift north of its normal position during next 48 hours. However, its western part is very likely to remain to the south of its normal position and active during next 5-6 days.
- ♦ Under the influence of the above systems:
- (i) Fairly widespread to widespread rainfall with isolated **heavy to very heavy falls** likely over Odisha, Gangetic West Bengal, Jharkhand and Bihar during 30th & 31st July and over East Madhya Pradesh and Chhattisgarh during 30th July-2 August. Isolated **extremely heavy falls** are also likely over Jharkhand and north Chhattisgarh on 30th July and over East Madhya Pradesh on 31st July.
- (ii) Widespread rainfall with isolated heavy to very heavy falls very likely to continue over East Rajasthan and West Madhya Pradesh during 30th July-04th August with peak activity during 31st July-3rd August. Isolated extremely heavy falls are likely over East Rajasthan during 31st July-03rd August and over West Madhya Pradesh on 31st July-02nd August, 2021.
- (iii) Current spell of widespread rainfall activity with isolated heavy very likely to continue over Himachal Pradesh, Uttrakhand and Haryana during 30th July-4th August. Fairly widespread to widespread rainfall with isolated heavy falls very likely over Uttar Pradesh during next 5-days (30th July till 2nd August). Scattered to fairly widespread moderate rainfall likely over Jammu & Kashmir and Punjab during next 5 days.

Main Weather Observations

- ♦ Rain/Thundershowers observed (from 0830 hours IST of yesterday to 0830 hours IST of today): at most places over Himachal Pradesh, Uttarakhand, West Uttar Pradesh, Haryana, Chandigarh & Delhi, Madhya Pradesh, Chhattisgarh, Vidarbha, Gujarat Region, Konkan & Goa, Coastal Karnataka, Bihar, Jharkhand, Odisha, West Bengal & Sikkim, Arunachal Pradesh and Assam & Meghalaya; at many places over Andaman & Nicobar Islands, Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, East Uttar Pradesh, East Rajasthan, Madhya Maharashtra, Nagaland, Manipur, Mizoram & Tripura and Kerala & Mahe; at a few places over Punjab, West Rajasthan, Saurashtra & Kutch, Lakshadweep and Interior Karnataka and at isolated places over Marathwada, Coastal Andhra Pradesh, Telangana, Rayalaseema and Tamilnadu, Puducherry & Karaikal.
- ♦ Heavy Rainfall observed (from 0830 hours IST of yesterday to 0830 hours IST of today): Extremely Heavy Rainfall at isolated places over Gangetic West Bengal; Very Heavy Rainfall at isolated places over East Uttar Pradesh, Sub-Himalayan West Bengal & Sikkim, Odisha, West Madhya Pradesh and Haryana and Heavy Rainfall at isolated places over Jammu, Himachal Pradesh, West Rajasthan, Delhi, East Madhya Pradesh, Bihar, Jharkhand, Tripura, Assam & Meghalaya, Madhya Maharashtra and West Rajasthan.
- ♦ Significant Rainfall Amount recorded (from 0830 hours IST of yesterday to 0830 hours IST of today)(7 cm or more): Uluberia-22; Diamond Harbour-21; Dhaurahara(Kheri)-20; Tensa(Sundargarh)-17; Kalimpong-16; Bhind, Narnaul, Fatehabad, Kusumi, Barrackpore & Aligarh (Kolkata)-15 each; Auraiya, Rajgarh & Dum Dum (Kolkata)-14 each; Datia, Adampur(Hissar)Narnaul & Midnapore-13 each; Budhana, Kalpi, Hissar-12 each; Baheri(Bareilly), Hamirpur, Sib Sagar, Bindki, Bankura & Darjeeling-11 each; Kanpur, Hendigir, Latehar, Nimrana, Mahwa (Dausa), Naina Devi (Himachal Pradesh), Mandi & Haldia-10 each; Belonia, Chatra, Kalinga, Baripada, Bangiriposi, Gopalganj, Nawana, Pilani, Canning & Baripada-9 each; Gohana, Aurangabad, Shanti Niketan, Bagati & Mahabaleshwar-8 each; Shalimar, Lodi Road, Safdarjung (Delhi), Najibabad, Krishnanagar, Purulia, Sohra, Giridih & Keongjhargarh-7 each
- ♦ Thunderstorm observed (from 0830 hours IST of yesterday to 0830 hours IST of today): at isolated places over Himachal Pradesh, Uttarakhand, Haryana, Chandigarh & Delhi, East Uttar Pradesh, West Madhya Pradesh, Saurashtra & Kutch, Vldarbha, Uttar Pradesh, Bihar, Jharkhand, West Bengal & Sikkim and Assam & Meghalaya.
- ♦ Maximum Temperature Departures as on 29-07-2021: Maximum temperatures were above normal (1.6°C to 3.1°C) at many places over Kerala & Mahe; at a few places over Tamilnadu, Puducherry & Karaikal and at isolated places over Konkan & Goa, Telangana, Coastal Andhra Pradesh & Yanam and Andaman & Nicobar Islands. They were markedly below normal(-5.1°C to Less) at isolated places over West Rajasthan, Haryana, Chandigarh & Delhi, East Uttar Pradesh, East Madhya Pradesh and Odisha; appreciably below normal (-3.1°C to -5.0°C) at many places over East Rajasthan; at a few places over West Madhya Pradesh, Saurashtra & Kutch, Marathwada, Chhattisgarh and Gangetic West Bengal; below normal (-1.6°C to -3.0°C) at many places over Jharkhand; at a few places over Gujarat Region, Vldarbha and Nagaland, Manipur, Mizoram & Tripura and at isolated places over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad and near normal over rest parts of the country. Yesterday, the highest maximum temperature of 39.6°C was reported at Madurai(Tamilnadu, Puducherry & Karaikal).
- ♦ Minimum Temperature Departures as on 30-07-2021: Minimum temperatures are above normal (1.6°C to 3.0°C) at a few places over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Saurashtra & Kutch, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, Kerala & Mahe and Andaman & Nicobar Islands; isolated places over East Rajasthan, Sub-Himalayan West Bengal & Sikkim, Konkan & Goa, Telangana, Tamil Nadu, Puducherry & Karaikal and Lakshadweep. They are below normal (-1.6°C to -3.0°C) at a few places over Odisha; at isolated places over Haryana, Chandigarh & Delhi, Madhya Pradesh, Vidarbha and Gangetic West Bengal and near normal over rest parts of the country. Today, the lowest minimum temperature of 17.8°C is reported at Fatehgarh (West Uttar Pradesh).



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Meteorological Analysis (Based on 0830 hours IST)

- ♦ The Well Marked Low Pressure Area over Interior parts of Gangetic West Bengal & neighbourhood now lies over Gangetic West Bengal & adjoining Jharkhand with the associated cyclonic circulation extending upto 7.6 km above mean sea level. It is likely to move west-northwestwards across south Bihar and southern parts of Uttar Pradesh during next 2-3 days.
- ♦ A fresh Low Pressure Area lies over southern parts of central Uttar Pradesh and the associated cyclonic circulation extends upto 7.6 km above mean sea level.
- ♦ The Monsoon trough at mean sea level now passes through Ganganagar, Narnaul, Low Pressure Area over southern parts of central Uttar Pradesh, Gaya, centre of Well Marked Low Pressure Area over Gangetic West Bengal & adjoining Jharkhand and thence southeastwards to North Bay of Bengal.
- ◆ The off-shore trough from South Maharashtra coast to north Kerala coast has become less marked.
- ♦ The cyclonic circulation over Haryana & neighbourhood at 3.1 km above mean sea level has become less marked.
- ♦ The cyclonic circulation over East Uttar Pradesh between 1.5 km & 4.5 km above mean sea level has become less marked.

Weather Forecast for next 5 days * upto 0830 hours IST of 04th August, 2021

- ♦ Meteorological sub-division wise detailed 5 days precipitation forecast is given in Table-1.
- ◆ No significant change in maximum temperatures over most parts of the country during next 5 days.

Weather Outlook for subsequent 2 days from 04th August 2021 to 06th August 2021

- ◆ Weak monsoon conditions likely over southern peninsula and active monsoon conditions over the northern parts of the country.
- ♦ Fairly widespread to widespread rainfall likely over Northeastern parts of the country, parts of Central India & plains of Northwest India and along the West coast; scattered to fairly widespread rainfall likely over many parts of East India and Western Himalayan Region and isolated rainfall over rest parts of the country.

राष्ट्रीय मौसम पूर्वानुमान केन्द्र भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय



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Weather Warning during next 5 days *

30 July (Day 1): ♦ Heavy to Very Heavy Rainfall with Extremely Heavy Falls at isolated places very likely over Jharkhand and north Chhattisgarh; Heavy to Very Heavy Rainfall at isolated places over Rajasthan, Madhya Pradesh, Madhya Maharashtra, Odisha, West Bengal & Sikkim and Bihar and Heavy rainfall at isolated places over Jammu & Kashmir, Himachal Pradesh, Uttrakhand, Haryana, Uttar Pradesh, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Konkan & Goa.

- ◆ Thunderstorm accompanied with lightning very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- ♦ Strong winds (speed 45-55 kmph gusting to 65 kmph) very likely over Northeast & adjoining Northwest and adjoining central Bay of Bengal and along & off West Bengal coast; (speed 40-50 kmph gusting to 60 kmph) over Southwest, Westcentral, Northeast and Eastcentral Arabian Sea and along & off Gujarat-Maharashtra-Karnataka coasts. Fishermen are advised not to venture into these areas.
- 31 July (Day 2): Heavy to Very Heavy Rainfall with Extremely Heavy Falls at isolated places very likely over East Rajasthan and Madhya Pradesh; Heavy to Very Heavy Rainfall at isolated places over Sub-Himalayan West Bengal & Sikkim and Chhattisgarh and Heavy rainfall at isolated places over Himachal Pradesh, Uttarakhand, Uttar Pradesh, West Rajasthan, Jharkhand, Bihar, Odisha, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra and Konkan & Goa.
- ◆ Thunderstorm accompanied with lightning very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- ◆ Strong winds (speed 45-55 kmph gusting to 65 kmph) very likely over Northeast & adjoining Northwest and adjoining central Bay of Bengal; (speed 40-50 kmph gusting to 60 kmph) over Southwest, Westcentral, Northeast and Eastcentral Arabian Sea and along & off Gujarat-Maharashtra-Karnataka coasts. Fishermen are advised not to venture into these areas.
- **01** August (Day 3): Heavy to Very Heavy Rainfall with Extremely Heavy Falls at isolated places likely over West Madhya Pradesh and East Rajasthan; Heavy to Very Heavy Rainfall at isolated places over Uttarakhand and East Madhya Pradesh and Heavy rainfall at isolated places over Himachal Pradesh, Haryana, Uttar Pradesh, West Rajasthan, Bihar, Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya.
- ◆ Strong winds (speed 40-50 kmph gusting to 60 kmph) very likely over Southwest, Westcentral, Northeast and Eastcentral Arabian Sea and along & off Gujarat-Maharashtra-Karnataka coasts. Fishermen are advised not to venture into these areas.
- **02 August (Day 4):** Heavy to Very Heavy Rainfall with Extremely Heavy Falls at isolated places likely over West Madhya Pradesh and East Rajasthan and **Heavy rainfall** at isolated places over Himachal Pradesh, Uttarakhand, Haryana, Uttar Pradesh, West Rajasthan, East Madhya Pradesh, Andaman & Nicobar Islands and Gujarat region.
- ◆ Strong winds (speed 40-50 kmph gusting to 60 kmph) likely over Southwest, Westcentral, Northeast and Eastcentral Arabian Sea and along & off Gujarat-Maharashtra-Karnataka coasts. Fishermen are advised not to venture into these areas.
- **03** August (Day 5): ♦ Heavy to Very Heavy Rainfall with Extremely Heavy Falls at isolated places likely over East Rajasthan; Heavy to Very Heavy Rainfall at isolated places over Uttarakhand, Uttar Pradesh, West Rajasthan, Gangetic West Bengal, Odisha, Konkan & Goa and Gujarat region.
- ♦ Strong winds (speed 40-50 kmph gusting to 60 kmph) likely over Southwest, Westcentral, Northeast and Eastcentral Arabian Sea and along & off Gujarat-Maharashtra-Karnataka coasts. Fishermen are advised not to venture into these areas.

Kindly download MAUSAM APP for location specific forecast & warning, MEGHDOOT APP for Agromet advisory and DAMINI APP for Lightning Warning & visit state MC/RMC websites for district wise warning.





Table-1 5 Day Rainfall Forecast (MID-DAY) 30-July-2021

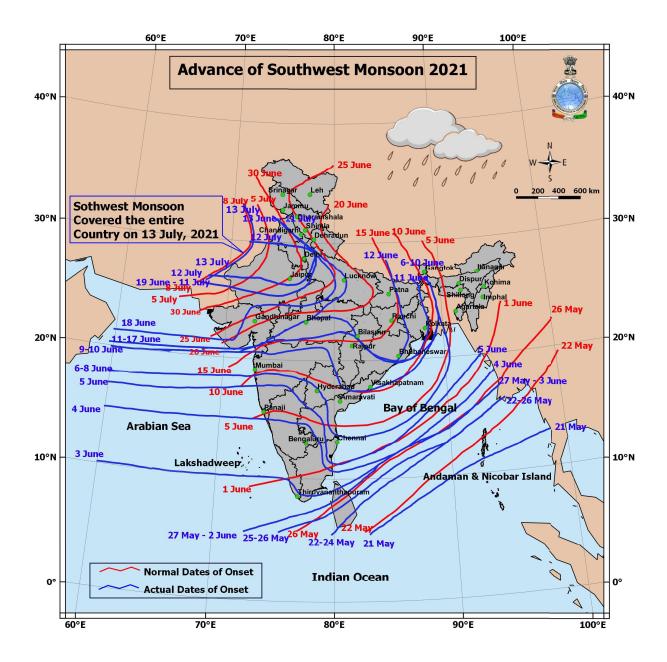
Met-Sub-Division	30-Jul Today	31Jul Sat	01Aug Sun	02Aug Mon	03Aug Tue
1. Andaman & Nicobar Islands	FWS	FWS	WS	WS	WS
2. Arunachal Pradesh	FWS	FWS	FWS	SCT	SCT
3. Assam & Meghalaya	WS-	FWS	FWS	FWS	SCT
4. N. M. M. & T.	ws	FWS	FWS	FWS	SCT
5. S.H. West Bengal & Sikkim	WS	WS	WS	WS	FWS
6. Gangetic West Bengal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

% Station Reporting Rainfall

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

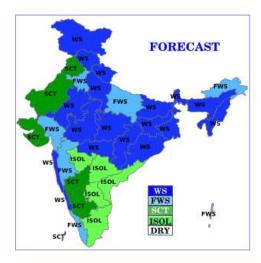


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Friday 30 July 2021



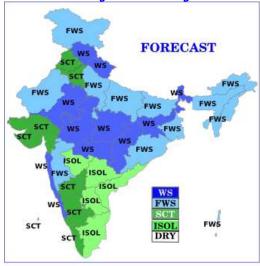


30 July (**Day 1**): ♦ Heavy to Very Heavy Rainfall with Extremely Heavy Falls at isolated places very likely over Jharkhand and north Chhattisgarh; Heavy to Very Heavy Rainfall at isolated places over Rajasthan, Madhya Pradesh, Madhya Maharashtra, Odisha, West Bengal & Sikkim and Bihar and Heavy rainfall at isolated places over Jammu & Kashmir, Himachal Pradesh, Uttrakhand, Haryana, Uttar Pradesh, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Konkan & Goa.

- ◆ Thunderstorm accompanied with lightning very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- ♦ Strong winds (speed 45-55 kmph gusting to 65 kmph) very likely over Northeast & adjoining Northwest and adjoining central Bay of Bengal and along & off West Bengal coast; (speed 40-50 kmph gusting to 60 kmph) over Southwest, Westcentral, Northeast and Eastcentral Arabian Sea and along & off Gujarat-Maharashtra-Karnataka coasts. Fishermen are advised not to venture into these areas.



Saturday 31 July 2021



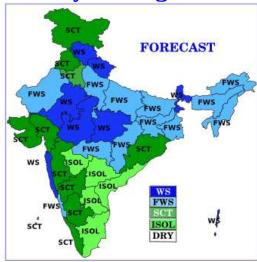


31 July (Day 2): Heavy to Very Heavy Rainfall with Extremely Heavy Falls at isolated places very likely over East Rajasthan and Madhya Pradesh; Heavy to Very Heavy Rainfall at isolated places over Sub-Himalayan West Bengal & Sikkim and Chhattisgarh and Heavy rainfall at isolated places over Himachal Pradesh, Uttarakhand, Uttar Pradesh, West Rajasthan, Jharkhand, Bihar, Odisha, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra and Konkan & Goa.

- ♦ Thunderstorm accompanied with lightning very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- ◆ Strong winds (speed 45-55 kmph gusting to 65 kmph) very likely over Northeast & adjoining Northwest and adjoining central Bay of Bengal; (speed 40-50 kmph gusting to 60 kmph) over Southwest, Westcentral, Northeast and Eastcentral Arabian Sea and along & off Gujarat-Maharashtra-Karnataka coasts. Fishermen are advised not to venture into these areas.



Sunday 01 August 2021



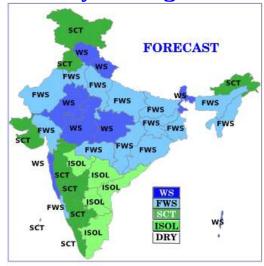


01 August (Day 3): Heavy to Very Heavy Rainfall with Extremely Heavy Falls at isolated places likely over West Madhya Pradesh and East Rajasthan; **Heavy to Very Heavy Rainfall** at isolated places over Uttarakhand and East Madhya Pradesh and **Heavy rainfall** at isolated places over Himachal Pradesh, Haryana, Uttar Pradesh, West Rajasthan, Bihar, Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya.

♦ Strong winds (speed 40-50 kmph gusting to 60 kmph) very likely over Southwest, Westcentral, Northeast and Eastcentral Arabian Sea and along & off Gujarat-Maharashtra-Karnataka coasts. Fishermen are advised not to venture into these areas.



Monday 02 August 2021



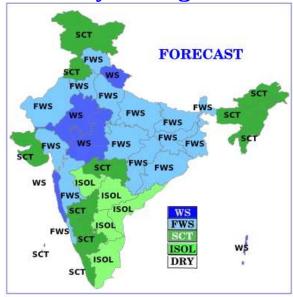


02 August (Day 4): Heavy to Very Heavy Rainfall with Extremely Heavy Falls at isolated places likely over West Madhya Pradesh and East Rajasthan and **Heavy rainfall** at isolated places over Himachal Pradesh, Uttarakhand, Haryana, Uttar Pradesh, West Rajasthan, East Madhya Pradesh, Andaman & Nicobar Islands and Gujarat region.

• Strong winds (speed 40-50 kmph gusting to 60 kmph) likely over Southwest, Westcentral, Northeast and Eastcentral Arabian Sea and along & off Gujarat-Maharashtra-Karnataka coasts. Fishermen are advised not to venture into these areas.



Tuesday 03 August 2021





03 August (Day 5): Heavy to Very Heavy Rainfall with Extremely Heavy Falls at isolated places likely over East Rajasthan; Heavy to Very Heavy Rainfall at isolated places over Uttarakhand, Uttar Pradesh, West Rajasthan, Gangetic West Bengal, Odisha, Konkan & Goa and Gujarat region.

◆ Strong winds (speed 40-50 kmph gusting to 60 kmph) likely over Southwest, Westcentral, Northeast and Eastcentral Arabian Sea and along & off Gujarat-Maharashtra-Karnataka coasts. Fishermen are advised not to venture into these areas.