



National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

2025-07-08

Time of Issue: 13:31:00 hours IST

(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings:

East & Central India:

Extremely heavy rainfall(≥21 cm)very likely at isolated places over East Madhya Pradesh on 08th July.

Isolated **heavy rainfall** very likely to continue over Madhya Pradesh during 08^{th} - 14^{th} ; Vidarbha, Chhattisgarh during 08^{th} - 10^{th} ; West Bengal, Jharkhand on 08^{th} & 09^{th} , Odisha on 08^{th} , 09^{th} , 13^{th} & 14^{th} July with **very heavy rainfall** over Madhya Pradesh during 08^{th} - 11^{th} ; Gangetic West Bengal, Odisha on 08^{th} ; Vidarbha, Chhattisgarh on 08^{th} & 09^{th} July.

Light/moderate rainfall at most/many places accompanied with accompanied with thunderstorm, lightning & gusty winds speed reaching 30-40 kmph likely over the region during next 7 days with intense cloud to ground lightning over East Madhya Pradesh and Chhattisgarh today.

Northwest India:

Isolated **heavy rainfall** likely over Himachal Pradesh, Uttarakhand during 08th-14th, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 08th-10th, West Uttar Pradesh during 08th-11th, Punjab, Haryana Chandigarh, East Uttar Pradesh on 09th & 10th, West Rajasthan during 12th-14th, East Rajasthan during 10th-14th July with **very heavy rainfall over Uttarakhand on 08th**, **East Rajasthan on 11th & 12th July**.

Light/moderate rainfall at most/many places accompanied with thunderstorm, lightning likely over western Himalayan region and some/many places over the plains during next 7 days.

West India:

Heavy rainfall likely at isolated places over Konkan & Goa, Ghat areas of Madhya Maharashtra during 08th-10th, Marathawada on 08th, Saurashtra & Kutch on 08th,12th & 13th, Gujarat Region during 08th-14th July with very heavy rainfall over Gujarat Region on 08th, Konkan & Goa, Ghat areas of Madhya Maharashtra on 09th July. Light/moderate rainfall at most/many places accompanied with accompanied with thunderstorm, lightning & gusty winds speed reaching 30-40 kmph likelyoverthe region during next 7 days.

Northeast India:

Light/moderate rainfall at most places accompanied with **thunderstorm**, **lightning** likely to continueoverNortheast India during next 7 days.

Isolated heavy rainfall very likely over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during 08th-14th; Arunachal Pradesh during 11th-14th with very heavy rainfall over Tripura on 08th July.

South Peninsular India:

Isolated **heavy rainfall** likely over Coastal Karnataka, Kerala & Mahe during 08^{th} - 14^{th} , Telangana on 08^{th} & 09^{th} and isolated heavy to very heavy rainfall over Telangana on 08^{th} July.

Strong surface winds (speed reaching 40-50 kmph) very likely over South Peninsular India during next 5 days.

Light/moderate rainfall at many/some places over Kerala & Mahe, Lakshadweep, Karnataka, Rayalaseema; isolated to scattered rainfall accompanied with isolated **thunderstorm**, **lightning** over Coastal Andhra Pradesh & Yanam, Telangana during next 7 days.



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Main Weather Observations:

- * Rainfall distribution (from 0830 hours IST of yesterday to 0830 hours IST of today): at most places over Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, East Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Vidarbha, Chhattisgarh, Coastal Karnataka and Kerala & Mahe; at many places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Odisha, Uttarakhand, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Marathwada and Lakshadweep; at a few places over Arunachal Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, Himachal Pradesh, West Rajasthan, Telangana, North Interior Karnataka and South Interior Karnataka; at isolated places over Andaman & Nicobar Islands, Bihar, East Uttar Pradesh, East Rajasthan, Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamil Nadu, Puducherry & Karaikal;
- ❖ Significant rainfall recorded(in cm) (from 0830 hours IST of yesterday to 0830 hours IST of today): East Madhya Pradesh: Waraseoni (dist Balaghat) 35; Baihar (dist Balaghat) 23; Katangi (dist Balaghat) 22; Lalburra (dist Balaghat), Matiyari (dist Mandla) 20 Each; Gadarwara (dist Narsinghpur), Tirodi (dist Balaghat) 19 Each; Paraswada (dist Balaghat) 17; Banda (dist Sagar) 16; Narsinghpur-aws (dist Narsinghpur) 15; Balaghat-aws (dist Balaghat), Harrai (dist Chindwara) 14 Each: Nainpur (dist Mandla) 13; Mandla (dist Mandla), Ghansore (dist Seoni), Maiholi (dist Jabalpur) 12 Each; Seoni (dist Seoni) 11; Kareli (dist Narsinghpur), Keolari (dist Seoni), Batiyagarh (dist Damoh), Kirnapur (dist Balaghat) 10 Each: Vidarbha: Deori (dist Gondia) 23: Ariuni Morgaon (dist Gondia) 21: Bramhapuri (dist Chandrapur) 18; Desaiganj (dist Gadchiroli), Korchi (dist Gadchiroli) 17 Each; Nagbhir (dist Chandrapur), Lakhandur (dist Bhandara) 15 Each; Kurkheda (dist Gadchiroli), Armori (dist Gadchiroli) 13 Each; Saoli (dist Chandrapur), Tirora (dist Gondia), Bhiwapur (dist Nagpur) 12 Each; Dhanora (dist Gadchiroli), Bhandara (dist Bhandara), Ramtek (dist Nagpur) 11 Each; Mauda (dist Nagpur), Kuhi (dist Nagpur), Pauni (dist Bhandara), Perseoni (dist Nagpur) 10 Each; West Madhya Pradesh: Deori (dist Raisen) 21; Sohagpur (dist Narmadapuram) 19; Alirajpur (dist Alirajpur) 17; Godadongri (dist Betul) 14; Pipariya (dist Narmadapuram) 13; Udaipura (dist Raisen) 12; Itarsi (dist Narmadapuram), Bankhedi (dist Narmadapuram), Dolariya (dist Narmadapuram) 11 Each; West Uttar Pradesh: Bilari (dist Moradabad) 12; Chhattisgarh: Chhuria (dist Rajnandgaon) 11; Rajim (dist Gariaband), Malkharoda (dist Sakti) 10 Each; Gangetic West Bengal: Uluberia (dist Howrah) 11; Dum Dum (dist North 24 Parganas), Amta (dist Howrah) 10 Each; Odisha: Chandua Kuliana (dist Mayurbhanj) 11; Uttarakhand: Narendranagar (dist Garhwal Tehri) 11; Konkan & Goa: Kankavli (dist Sindhudurg) 10; Gujarat Region: Borsad (dist Anand) 10; East Rajasthan: Vijaynagar SR (dist Ajmer) 10.
- ♦ Heavy Rainfall observed (from 0830 hours IST of yesterday to 0830 hours IST of today): Extremely heavy rain at isolated places over West Madhya Pradesh, East Madhya Pradesh and Vidarbha. Heavy to very heavy rain at isolated places over West Uttar Pradesh, West Madhya Pradesh, East Madhya Pradesh and Vidarbha. Heavy rain at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Odisha, Jharkhand, Uttarakhand, Haryana-Chandigarh-Delhi, Himachal Pradesh, East Rajasthan, Gujarat Region, Konkan & Goa, Madhya Maharashtra, Chhattisgarh, Coastal Karnataka and North Interior Karnataka.
- * Minimum Temperature Departures (as on 08-07-2025): markedly above normal(> 5.1°C) at few places over Assam & Meghalaya; at isolated places over East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh and East Madhya Pradesh. appreciably above normal(3.1°C to 5.0°C) at few places over Sub Himalayan West Bengal & Sikkim; at isolated places over Andaman & Nicobar Islands. above normal(1.6°C to 3.0°C) at many places over Lakshadweep; at most places over Bihar; at few places over Konkan & Goa, Rayalaseema and Tamil Nadu, Puducherry & Karaikal; at isolated places over Gangetic West Bengal, Odisha, Punjab, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, South Interior Karnataka and Kerala & Mahe. near normal(-1.5°C to 1.5°C) at many places over Jharkhand, West Rajasthan, Gujarat Region, Saurashtra & Kutch, Marathwada and Telangana; at most places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Uttarakhand, Haryana-Chandigarh-Delhi, East Rajasthan, Coastal Karnataka and North Interior Karnataka; at few places over Chhattisgarh; at isolated places over Vidarbha. The lowest minimum temperature of 18.0°C is reported at KHANDWA (MADHYA PRADESH), NARSINGHPUR (MADHYA PRADESH), and MATHERAN (MAHARASHTRA) over the Plains of India.
- ♦ Maximum Temperature Departures (as on 07-07-2025): markedly above normal(> 5.1°C) at few places over Arunachal Pradesh. appreciably above normal(3.1°C to 5.0°C) at few places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Odisha, Bihar, Himachal Pradesh and Tamil Nadu, Puducherry & Karaikal. above normal(1.6°C to 3.0°C) at few places over East Uttar Pradesh, Kerala & Mahe and Lakshadweep; at isolated places over Andaman & Nicobar Islands, Uttarakhand, Haryana-Chandigarh-Delhi, Punjab, Konkan & Goa, Coastal Andhra Pradesh & Yanam and



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Rayalaseema. **near normal(-1.5°C to 1.5°C)** at many places over Nagaland, Manipur, Mizoram & Tripura, West Uttar Pradesh, Madhya Maharashtra and North Interior Karnataka; at most places over Marathwada, Coastal Karnataka and South Interior Karnataka; at few places over West Rajasthan, East Madhya Pradesh, Saurashtra & Kutch and Telangana; at isolated places over Gangetic West Bengal and Chhattisgarh. **The highest maximum temperature** of 39.9°C is reported at SRIGANGANAGAR (RAJASTHAN).



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Meteorological Analysis (Based on 0830 hours IST)

• The **Low-Pressure area** over Gangetic West Bengal & neighbourhood persists at 0830 hrs IST of today, the 08th July 2025. The associated cyclonic circulation extending upto 7.6 km above mean sea level persists. It is likely to move slowly west-northwestwards across Jharkhand and north Chhattisgarh during next 2 days.

The **monsoon trough** at mean sea level now passes through Bhatinda, Rohtak, Kanpur, Daltonganj, centre of the **Low-Pressure area** over Gangetic West Bengal & neighbourhood thence east southeastwards to northeast Bay of Bengal and extends upto 0.9 km above mean sea level.

A cyclonic circulation lies over south Gujarat & neighbourhood at 3.1 km above mean sea level.

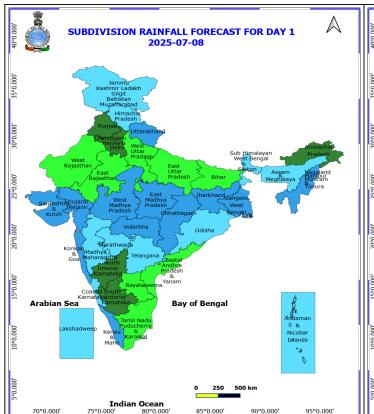
The **trough** now runs from northeast Arabian Sea to the cyclonic circulation associated with **Low-Pressure** area over Gangetic West Bengal & neighbourhood across south Gujarat Region, north Madhya Maharashtra, Vidarbha, south Chhattisgarh, south Odisha between 4.5 km & 7.6 km above mean sea level.

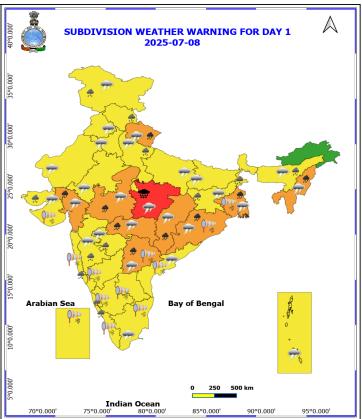
The off-shore trough at mean sea level lay off South Gujarat to Goa coasts has become less marked.

Weather Outlook for subsequent 3 days

- Fairly widespread to widespread rainfall very likely over Central India, along west Coast, Islands, East India, Northeast India & Northwest India.
- Scattered rainfall very likely over rest parts of the country.







8 July (Day 1)

- Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall very likely at isolated places over East Madhya Pradesh.
- ♦ Heavy to Very Heavy Rainfall very likely at isolated places over Chhattisgarh, Gangetic West Bengal, Gujarat Region, Nagaland, Manipur, Mizoram and Tripura, Odisha, Telangana, Uttarakhand, Vidarbha and West Madhya Pradesh.
- ♦ Heavy Rainfall very likely at isolated places over Assam & Meghalaya, Coastal Karnataka, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Marathwada, Saurashtra & Kutch, Sub Himalayan West Bengal & Sikkim and West Uttar Pradesh.
- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Andaman & Nicobar Islands, Bihar, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, Rajasthan and West Madhya Pradesh.
- ❖ Thunderstorm accompanied with Lightning very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, Gujarat State, Haryana, Chandigarh & Delhi, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Punjab, Tamil Nadu Puducherry & Karaikal, Telangana, Uttar Pradesh and Uttarakhand.
- ♦ Strong Surface Winds very likely at isolated places over Andhra Pradesh, Gangetic West Bengal, Interior Karnataka, Kerala & Mahe, Konkan & Goa, Lakshadweep, Odisha, Saurashtra & Kutch, Tamil Nadu Puducherry & Karaikal and Telangana.

Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, many parts of eastcentral Arabian

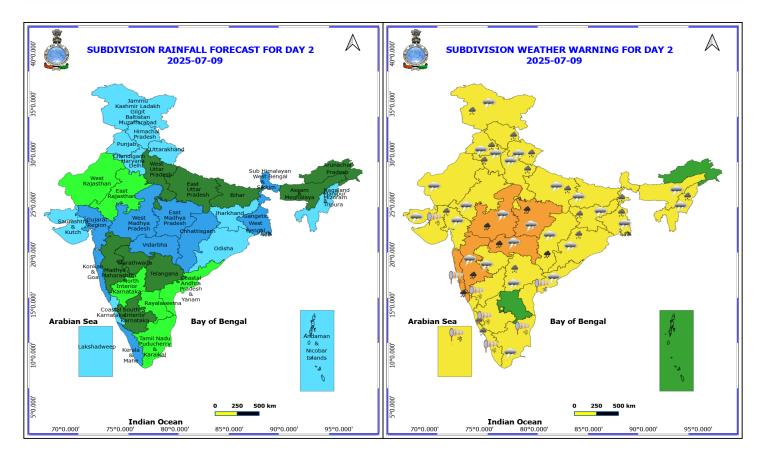


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Sea, northern parts of southwest Arabian Sea, Gulf of Mannar.

Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail along and off south Gujarat and adjoining north Gujarat coast, Konkan, Goa, Karnataka coasts and adjoining sea areas, over some southern parts of northeast Arabian Sea, along and off north Andhra Pradesh, Odisha, West Bengal, Bangladesh coasts, off south Andhra Pradesh, Tamil Nadu coasts, over most parts of north Bay of Bengal and adjoining parts of eastcentral Bay of Bengal, many parts of westcentral Bay of Bengal, some northern parts of southwest Bay of Bengal.





9 July (Day 2)

- ♦ Heavy to Very Heavy Rainfall very likely at isolated places over Chhattisgarh, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh and Vidarbha.
- ♦ Heavy Rainfall very likely at isolated places over Coastal Karnataka, Gujarat Region, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Telangana, Uttar Pradesh, Uttarakhand and West Bengal & Sikkim.
- ♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Bihar, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha, Rajasthan and West Madhya Pradesh.
- ♦ Thunderstorm accompanied with Lightning very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, Gujarat State, Haryana, Chandigarh & Delhi, Jharkhand, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Punjab, Tamil Nadu Puducherry & Karaikal, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ Strong Surface Winds very likely at isolated places over Coastal Andhra Pradesh, Interior Karnataka, Kerala & Mahe, Konkan & Goa, Lakshadweep, Saurashtra & Kutch and Tamil Nadu Puducherry & Karaikal.

Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, many parts of eastcentral Arabian Sea, northern parts of southwest Arabian Sea, Gulf of Mannar.

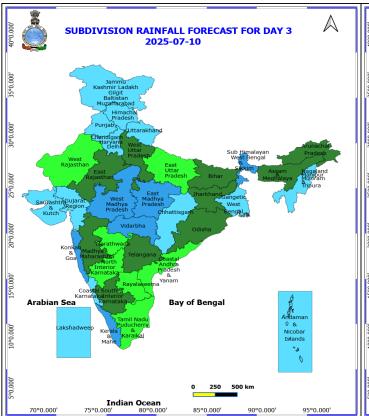
Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail along and off south Gujarat & adjoining north Gujarat coast, Konkan, Goa, Karnataka coasts and adjoining sea areas, over some southern parts of

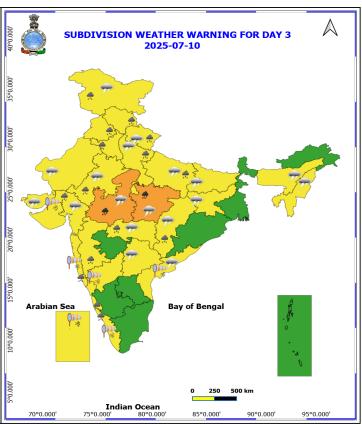


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northeast Arabian Sea, over many parts of westcentral Bay of Bengal, along and off north Andhra Pradesh coast, adjoining Odisha coast, some parts of northwest Bay of Bengal, off Odisha coast.







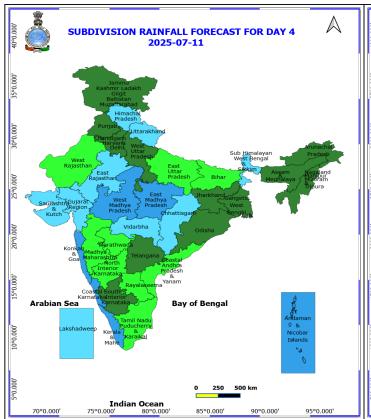
10 July (Day 3)

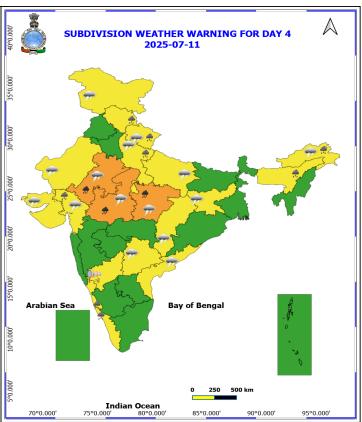
- Heavy to Very Heavy Rainfall very likely at isolated places over Madhya Pradesh.
- ♦ Heavy Rainfall very likely at isolated places over Chhattisgarh, Coastal Karnataka, East Rajasthan, Gujarat Region, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Punjab, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Rajasthan and West Madhya Pradesh.
- ♦ Thunderstorm accompanied with Lightning very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, Gujarat State, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Telangana, Uttar Pradesh, Uttarakhand and Vidarbha.
- ♦ Strong Surface Winds very likely at isolated places over Coastal Andhra Pradesh, Kerala & Mahe, Konkan & Goa, Lakshadweep, North Interior Karnataka and Saurashtra & Kutch.

Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, many parts of eastcentral Arabian Sea, northern parts of southwest Arabian Sea.

Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail along and off south Gujarat & adjoining north Gujarat coast, Konkan, Goa, Karnataka coasts and adjoining sea areas, over some southern parts of northeast Arabian Sea, over few parts of westcentral Bay of Bengal, over few southern parts of northwest Bay of Bengal.







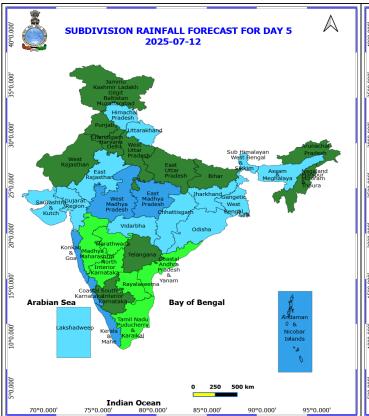
11 July (Day 4)

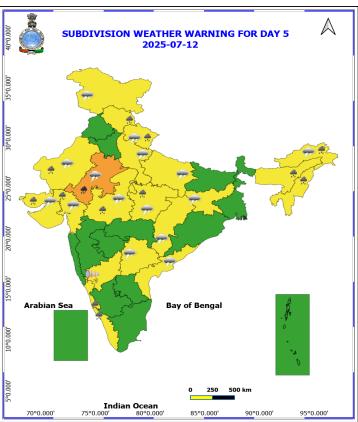
- Heavy to Very Heavy Rainfall likely at isolated places over East Rajasthan and Madhya Pradesh.
- ♦ Heavy Rainfall likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Gujarat Region, Himachal Pradesh, Kerala & Mahe, Uttarakhand and West Uttar Pradesh.
- **♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Rajasthan.
- ♦ Thunderstorm accompanied with Lightning likely at isolated places over Arunachal Pradesh, Chhattisgarh, Coastal Andhra Pradesh, Gujarat State, Jharkhand, Madhya Pradesh, Telangana, Uttar Pradesh and Uttarakhand.
- Strong Surface Winds likely at isolated places over North Interior Karnataka.

Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, many parts of eastcentral Arabian Sea, northern parts of southwest Arabian Sea.

Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Konkan and adjoining Gujarat coasts, Goa, Karnataka coasts and adjoining sea areas, over some parts of westcentral Arabian Sea, few northern parts of southwest Arabian Sea.







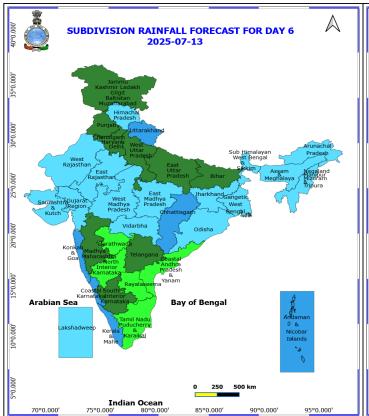
12 July (Day 5)

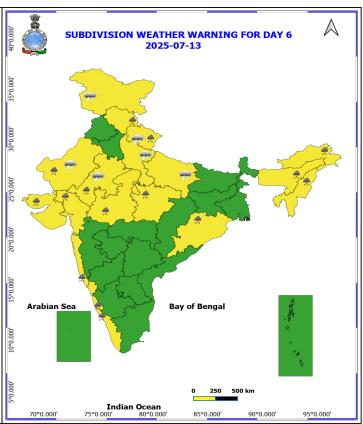
- Heavy to Very Heavy Rainfall likely at isolated places over East Rajasthan.
- ♦ Heavy Rainfall likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Gujarat State, Himachal Pradesh, Kerala & Mahe, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and West Rajasthan.
- **♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Rajasthan.
- ♦ Thunderstorm accompanied with Lightning likely at isolated places over Arunachal Pradesh, Chhattisgarh, Coastal Andhra Pradesh, Gujarat State, Jharkhand, Madhya Pradesh, Telangana, Uttar Pradesh and Uttarakhand.
- Strong Surface Winds likely at isolated places over North Interior Karnataka.

Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining parts of eastcentral Arabian Sea.

Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Karnataka coast, over few parts of westcentral Bay of Bengal.





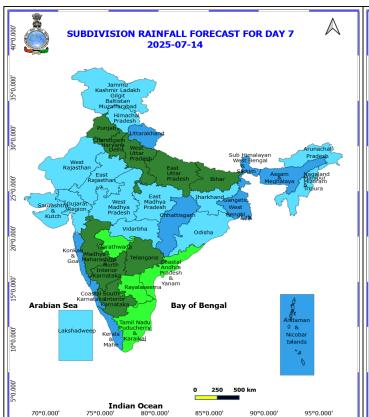


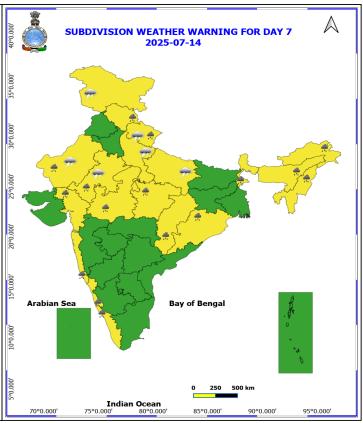
13 July (Day 6)

- ♦ Heavy Rainfall likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Gujarat State, Himachal Pradesh, Kerala & Mahe, Konkan & Goa, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, Rajasthan and Uttarakhand.
- **❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Rajasthan.
- **Thunderstorm accompanied with Lightning** likely at isolated places over Uttar Pradesh and Uttarakhand.

No Fishermen Warning







14 July (Day 7)

- ♦ Heavy Rainfall likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, Gujarat Region, Himachal Pradesh, Kerala & Mahe, Konkan & Goa, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, Rajasthan, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- **❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Rajasthan.
- * Thunderstorm accompanied with Lightning likely at isolated places over Uttar Pradesh and Uttarakhand.

No Fishermen Warning



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Flash Flood Warnings

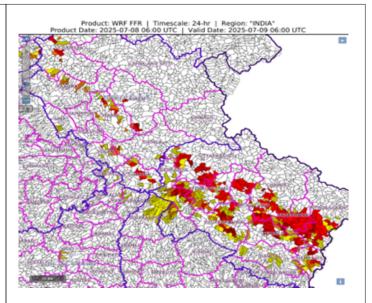
24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 09-07-2025 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Subdivisions during next 24 hours.

Himachal Pradesh - Chamba, Kangra, Kullu, Mandi, Shimla, Sirmaur, Solan and Una districts.

Uttarakhand - Almora, Bageshwar, Chamoli, Champawat, Dehradun, Haridwar, Nanital, Pauri Garhwal, Pithoragarh, Rudraprayag, Tehri Garwal and Uttarkashi districts.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 09-07-2025 :

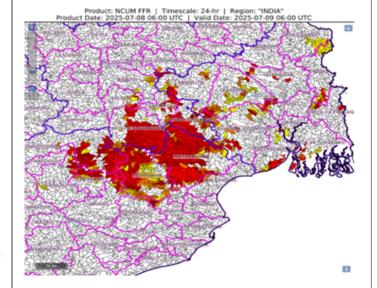
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Subdivisions during next 24 hours.

North Odisha - Baleshwar, Deogarh, Jharsuguda, Kendujhar, Mayurbhanj, Sambalpur and Sundargarh districts.

Gangetic West Bengal - Bankura, Bardaman, Eastmednipur, Haora, Hugli, Mursidabad, North 24 Pragana, Pashchim Medinipur, Puruliya and South 24 Parganas districts.

Adjoining Jharkhand - Bokaro, East Singhbhum, Khunti, Ranchi, Saraikela and West Singhbhum districts.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 09-07-2025 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Subdivisions during next 24 hours.

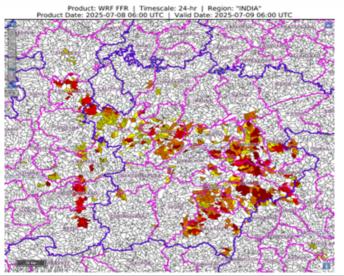
East Madhya Pradesh - Anuppur, Balaghat, Chhatarpur, Chhindwara, Damoh, Dindori, Jabalpur, Katni, Mandla,

Narshimapura, Niwari, Panna, Sagar, Satna, Seoni, Shahdol, Singrauli, Tikamgarh and Umaria districts. **West Madhya Pradesh** - Ashoknagar, Betul, Raisen, Sehore, Shivpuri, Videsha and Hoshangabad districts.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.



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Table-1

7 Days	Rainfall		
Subdivicion	Q lul	O lul	10 101 11 1

1 ANDAMAN & NICOBAR ISLANDS		r Days Kallli	an		Sou.	JL			
1 ANDAMAN & NICOBAR ISLANDS	S.No.	Subdivision	8- Jul	9- Jul	10- Jul	11- Jul	12- Jul	13- Jul	14- Jul
ARUNACHAL PRADESH			Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
ASSAM & MEHGHALAYA	1	ANDAMAN & NICOBAR ISLANDS	FWS	FWS	FWS	WS	WS	WS	WS
4 N. M. M. & T. WS FWS FWS SCT FWS	2	ARUNACHAL PRADESH	SCT	SCT	SCT	SCT	SCT	FWS	FWS
5 S.H. WEST BENGAL & SIKKIM FWS WS FWS FWS FWS FWS FWS WS FWS FWS WS FWS FWS FWS WS FWS WS FWS SCT FWS FWS WS FWS SCT SCT FWS	3	ASSAM & MEHGHALAYA	FWS	SCT	SCT	SCT	FWS	FWS	WS
GANGETIC WEST BENGAL	4	N. M. M. & T.	WS	FWS	FWS	SCT	SCT	FWS	FWS
7 ODISHA FWS FWS SCT FWS FW	5	S.H. WEST BENGAL & SIKKIM	FWS	WS	WS	FWS	FWS	FWS	WS
B JHARKHAND	6	GANGETIC WEST BENGAL	WS	WS	FWS	SCT	FWS	FWS	WS
9 BIHAR	7	ODISHA	FWS	FWS	SCT	SCT	FWS	FWS	FWS
10	8	JHARKHAND	WS	FWS	SCT	SCT	FWS	FWS	FWS
11 WEST UTTAR PRADESH	9	BIHAR	ISOL	SCT	SCT	ISOL	SCT	SCT	SCT
12 UTTARAKHAND	10	EAST UTTAR PRADESH	ISOL	SCT	ISOL	ISOL	SCT	SCT	SCT
13 HARYANA, CHD & DELHI SCT FWS FWS SCT FWS	11	WEST UTTAR PRADESH	ISOL	SCT	SCT	SCT	SCT	SCT	SCT
14 PUNJAB SCT FWS FWS </td <td>12</td> <td>UTTARAKHAND</td> <td>WS</td> <td>FWS</td> <td>FWS</td> <td>FWS</td> <td>FWS</td> <td>WS</td> <td>WS</td>	12	UTTARAKHAND	WS	FWS	FWS	FWS	FWS	WS	WS
15 HIMACHAL PRADESH FWS	13	HARYANA, CHD & DELHI	SCT	FWS	FWS	SCT	SCT	SCT	SCT
16 JAMMU AND KASHMIR AND LADAKH FWS FWS SCT SCT FWS 17 WEST RAJASTHAN ISOL ISOL ISOL ISOL SCT FWS FWS 18 EAST RAJASTHAN ISOL ISOL SCT FWS FWS FWS 19 WEST MADHYA PRADESH WS WS WS WS FWS	14	PUNJAB	SCT	FWS	FWS	SCT	SCT	SCT	SCT
17 WEST RAJASTHAN ISOL ISOL ISOL SCT FWS FWS 18 EAST RAJASTHAN ISOL ISOL SCT FWS FWS FWS 19 WEST MADHYA PRADESH WS WS WS WS FWS	15	HIMACHAL PRADESH	FWS	FWS	FWS	FWS	FWS	FWS	FWS
18 EAST RAJASTHAN ISOL ISOL SCT FWS FWS FWS 19 WEST MADHYA PRADESH WS WS WS WS FWS FWS <td>16</td> <td>JAMMU AND KASHMIR AND LADAKH</td> <td>FWS</td> <td>FWS</td> <td>FWS</td> <td>SCT</td> <td>SCT</td> <td>SCT</td> <td>FWS</td>	16	JAMMU AND KASHMIR AND LADAKH	FWS	FWS	FWS	SCT	SCT	SCT	FWS
19 WEST MADHYA PRADESH WS WS WS FWS FWS 20 EAST MADHYA PRADESH WS WS WS WS FWS FWS <td>17</td> <td>WEST RAJASTHAN</td> <td>ISOL</td> <td>ISOL</td> <td>ISOL</td> <td>ISOL</td> <td>SCT</td> <td>FWS</td> <td>FWS</td>	17	WEST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	SCT	FWS	FWS
20 EAST MADHYA PRADESH WS WS WS FWS	18	EAST RAJASTHAN	ISOL	ISOL	SCT	FWS	FWS	FWS	FWS
21 GUJRAT REGION WS FWS FWS FWS FWS FWS FWS FWS FWS FWS F	19	WEST MADHYA PRADESH	WS	WS	WS	WS	WS	FWS	FWS
22 SAURASHTRA & KUTCH 23 KONKAN & GOA 24 MADHYA MAHARASHTRA 25 MARATHWADA 26 VIDARBHA 27 CHATTISGARH 28 COASTAL ANDHRA PRADESH 29 TELANGANA 30 RAYALASEEMA 31 TAMILNADU & PUDUCHERRY 32 COSTAL KARNATAKA 33 NORTH INTERIOR KARNATAKA 34 SOUTH INTERIOR KARNATAKA 35 KERALA 28 WS	20	EAST MADHYA PRADESH	WS	WS	WS	WS	WS	FWS	FWS
WS W	21	GUJRAT REGION	WS	WS	FWS	FWS	FWS	FWS	FWS
24MADHYA MAHARASHTRAFWSSCTISOLISOLISOLISOL25MARATHWADAFWSSCTISOLISOLISOLISOL26VIDARBHAWSWSFWSFWSFWSFWS27CHATTISGARHWSWSFWSFWSFWSWS28COASTAL ANDHRA PRADESHISOLISOLISOLISOLISOLISOLISOLISOL29TELANGANAFWSSCTSCTSCTSCTSCT30RAYALASEEMAISOLISOLISOLISOLISOLISOLISOL31TAMILNADU & PUDUCHERRYISOLISOLISOLISOLISOLISOLISOLISOL32COSTAL KARNATAKAFWSFWSFWSWSWSWSWS33NORTH INTERIOR KARNATAKASCTISOLISOLISOLISOLISOLSCT34SOUTH INTERIOR KARNATAKASCTSCTSCTSCTSCTSCTSCT35KERALAWSWSWSWSWSWS	22	SAURASHTRA & KUTCH	WS	FWS	FWS	FWS	FWS	FWS	FWS
25 MARATHWADA 26 VIDARBHA 27 CHATTISGARH 28 COASTAL ANDHRA PRADESH 29 TELANGANA 30 RAYALASEEMA 31 TAMILNADU & PUDUCHERRY 32 COSTAL KARNATAKA 33 NORTH INTERIOR KARNATAKA 34 SOUTH INTERIOR KARNATAKA 25 VIDARBHA 28 WS WS FWS FWS FWS FWS WS W	23	KONKAN & GOA	WS	WS	WS	WS	WS	WS	WS
26VIDARBHAWSWSFWSFWSFWS27CHATTISGARHWSWSFWSFWSFWSWS28COASTAL ANDHRA PRADESHISOLISO	24	MADHYA MAHARASHTRA	FWS	SCT	SCT	ISOL	ISOL	SCT	SCT
27 CHATTISGARH 28 COASTAL ANDHRA PRADESH 29 TELANGANA RAYALASEEMA 30 RAYALASEEMA 31 TAMILNADU & PUDUCHERRY 32 COSTAL KARNATAKA 33 NORTH INTERIOR KARNATAKA SCT	25	MARATHWADA	FWS	SCT	ISOL		ISOL	ISOL	
28 COASTAL ANDHRA PRADESH 29 TELANGANA FWS SCT SCT SCT SCT SCT SCT SCT SCT SCT SC	26							FWS	FWS
29 TELANGANA FWS SCT SCT SCT SCT SCT SCT SCT SCT SCT SC	27	CHATTISGARH		WS	FWS	FWS	FWS	WS	WS
30 RAYALASEEMA ISOL ISOL ISOL ISOL ISOL ISOL ISOL ISOL	28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31 TAMILNADU & PUDUCHERRY 32 COSTAL KARNATAKA 5 WS 5 WS 6 WS 7 WS 7 WS 7 WS 8 WS 8 WS 9 WS	29	TELANGANA	FWS	SCT	SCT	SCT	SCT	SCT	SCT
32 COSTAL KARNATAKA FWS FWS FWS WS WS WS 33 NORTH INTERIOR KARNATAKA SCT ISOL ISOL ISOL ISOL ISOL SCT 34 SOUTH INTERIOR KARNATAKA SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT WS WS WS WS WS WS	30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
33 NORTH INTERIOR KARNATAKA SCT ISOL ISOL ISOL ISOL SCT 34 SOUTH INTERIOR KARNATAKA SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT SCT	31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
34 SOUTH INTERIOR KARNATAKA SCT	32	COSTAL KARNATAKA	FWS	FWS	FWS	WS		WS	WS
35 KERALA WS WS WS WS WS WS WS	33	NORTH INTERIOR KARNATAKA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	SCT
	34	SOUTH INTERIOR KARNATAKA	SCT	SCT	SCT	SCT	SCT	SCT	SCT
36 LAKSHDWEEP FWS FWS FWS FWS FWS FWS FWS	35			WS	WS	WS	WS		WS
	36	LAKSHDWEEP	FWS	FWS	FWS	FWS	FWS	FWS	FWS

Legend	Category	%Stations
WS	Widespread/Most Places	76-100
FWS	Fairly Widespread/Many Places	51-75
SCT	Scattered/ A Few Places	26-50
ISOL	Isolated Places	1-25
DRY	No Rain	0

Fig. 1: Maximum Temperatures Dated 2025-07-08

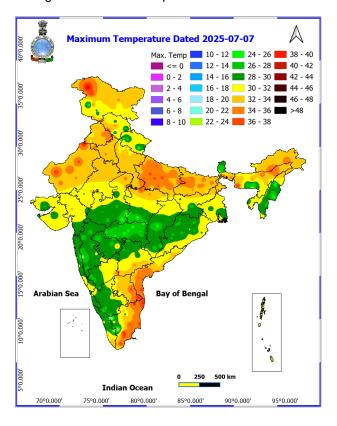


Fig. 3: Minimum Temperatures Dated 2025-07-08

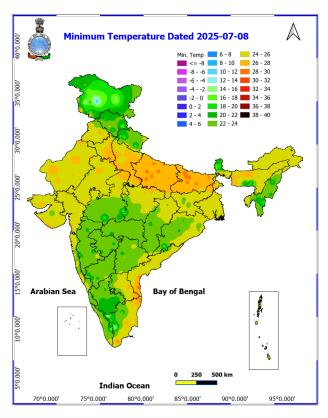


Fig. 2: Departure of Maximum Temp. Dated 2025-07-08

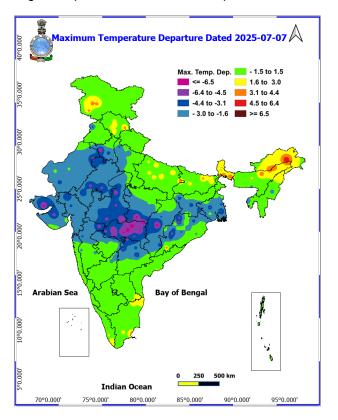
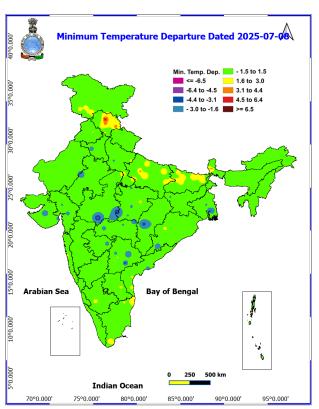
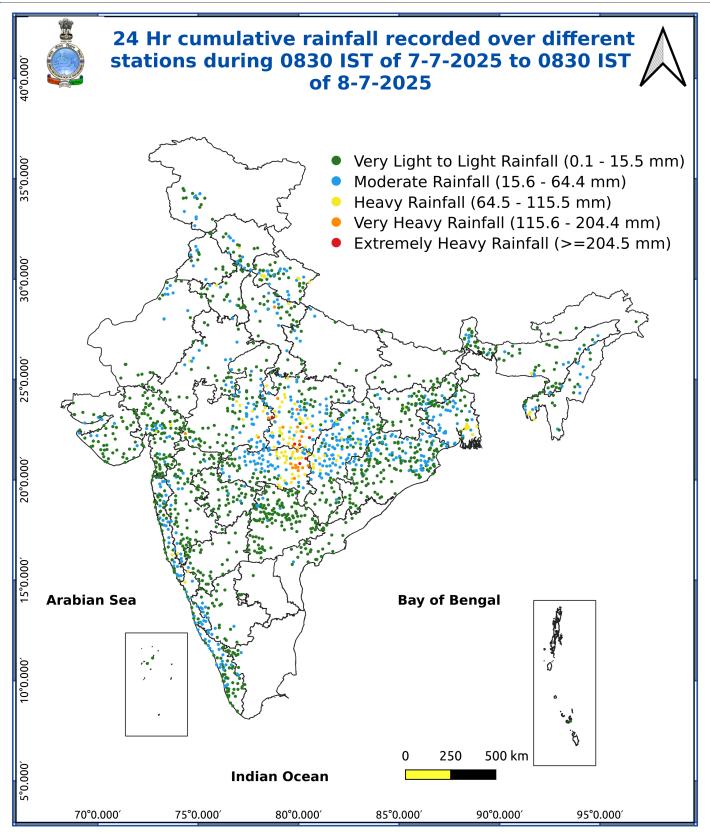


Fig. 4: Departure of Minimum Temp. Dated 2025-07-08









National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

Impact & Action Suggested

Extremely heavy rainfall(≥21 cm)at isolated places over East Madhya Pradesh on 08th July.

Very heavy rainfall over Uttarakhand, Tripura, Gujarat Region, Telangana, Gangetic West Bengal, Odisha on 08th; Konkan & Goa, Ghat areas of Madhya Maharashtra on 09th; Vidarbha, Chhattisgarh on 08th & 09th; Madhya Pradesh during 08th-11th; East Rajasthan on 11th & 12th July.

Impact Expected

Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.

Occasional reduction in visibility due to heavy rainfall.

Disruption of traffic in major cities due to water logging in roads leading to increased travel time.

Minor damage to kutcha roads.

Possibilities of damage to vulnerable structure.

Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.

Damage to horticulture and standing crops in some areas due to inundation.

It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

Action Suggested

Check for traffic congestion on your route before leaving for your destination.

Follow any traffic advisories that are issued in this regard.

Avoid going to areas that face the water logging problems often.

Avoid staying in vulnerable structure.

Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy / Heavy to Very Heavy / Extremely Heavy Rainfall

(Based on the IBF and advisories issued by different AMFUs)

In **East Madhya Pradesh**, postpone sowing of maize and soybean and transplanting of rice. Drain out excess water from rice nurseries and transplanted rice fields, fields of already sown maize and soybean. In **West Madhya Pradesh**, drain out excess water from fields of maize, soybean and vegetables and fruit orchards to avoid waterlogging. Postpone sowing of soybean in **Satpura Plateau Zone** and **Gird Zone** and sowing of rice nurseries in **Central Narmada Valley Zone**.

In **Chhattisgarh**, ensure proper drainage in rice nurseries, fields of rice, maize, pigeon pea, minor millets and vegetables. Postpone line sowing / transplanting of rice and sowing of pigeon pea, maize and soybean in **Plain Zone** and sowing of pigeon pea in **North Hill Zone**.

In Uttarakhand, ensure proper drainage facilities in soybean, maize, barnyard millet, finger millet, pigeon pea, kidney



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beans, vegetables and orchards. Harvest matured vegetables and fruits and store in safe place.

In **Himachal Pradesh**, drain out excess water from the fields of maize and vegetables and fruit orchards. Harvest matured fruits and vegetables and store them in safer places. In **High Hills Sub Temperate Wet Zone**, postpone sowing of kidney beans and nursery sowing and transplanting of rice.

In East Rajasthan, drain out excess water from the fields of cotton, soybean, groundnut and green gram. Postpone sowing of maize in Southern Humid Plain Zone, sowing or re-sowing of sesame, green gram and pearl millet in Flood Prone Eastern Plain Zone and sowing of green gram, cluster bean, pearl millet and sesame in Sub Humid Southern Plain and Aravali Hill Zone till cessation of heavy rainfall.

In **Konkan**, make arrangement to drain out excess water from rice and finger millet nurseries, groundnut, vegetables and orchards. In **ghat** areas of **Madhya Maharashtra** drain out excess water from rice and finger millet nurseries. In **Vidarbha**, ensure proper drainage in **kharif** crops such as rice, soybean, cotton etc., vegetable nurseries and orchards.

In **Gujarat region**, drain out excess water from rice nurseries, sugarcane fields, banana and mango plantations to prevent waterlogging. Provide support to sugarcane with strong bamboo or tie the leaves togetherto prevent lodging. In **Saurashtra & Kutch**, drain out excess water from fields of groundnut, soybean, cotton and vegetables and horticultural plantations. Undertake propping in sugarcanes with strong bamboo or tie the leaves together in a clump to protect against wind and heavy rain.

In **Odisha**, ensure proper drainage from already sown rice nurseries, fields of maize and vegetables to prevent waterlogging. Harvest matured vegetables and fruits and keep in safer places. In **West Central Table Land Zone**, postpone sowing of pigeon pea and groundnut. In case of poor germination / no germination in maize crop due to waterlogged condition, carry out re-sowing during favourable weather.

In **Gangetic West Bengal**, ensure proper drainage from rice, jute and vegetable fields. In **New Alluvial Zone**, harvest matured sesame and groundnut crop immediately and keep in safer places.

In **Jharkhand**, makenecessary arrangements to drain out excess water from maize fields, rice and vegetable nurseries. Cover the vegetable nurseries with polythene sheets.

Livestock / Fishery

Keep the animals inside the shed during heavy rainfall and provide them balanced feed.

Store feed and fodder in a safe place to prevent spoilage.

Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

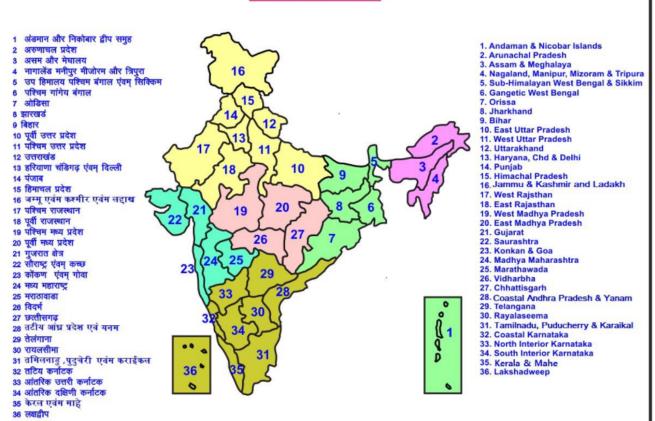
Agromet advisories for likely impact of Thunderstorm / Gusty Winds / Squally Winds

(Based on the IBF and advisories issued by different AMFUs)

Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.



LEGENDS



SPATIAL DISTRIBUTION (% of Stations reporting)

% 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)

Subdivision Colour

NO WARNING

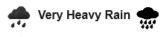
WATCH (BE UPDATED)

•
ALERT (BE PREPARED TO TAKE ACTION
WARNING (TAKE ACTION)

Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

Heavy Rain



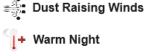




Thunderstorm & Lightning Strong surface winds







Cold Wave

Hot & Humid









		LEGENDS	
	WARNING	Probabilistic Forecast	
	WARNING (TAKE ACTION)	Terms Probability of Occurrence (%)	
	ALERT (BE PREPARED)	Unlikely < 25 Likely 25 - 50	
	WATCH (BE UPDATED)	Very Likely 50 - 75	
- / -	NO WARNING (NO ACTION)	Most Likely > 75	
Rain/ Snow	Heavy: 64.5 to 115.5 mm/cm * Very Heavy: 115.6 to 204.4 mm/cm * Extremely Heavy: > 204.4 mm/cm *		
	(a) Based on Departure from norm		lly region
	Heat Wave: Maximum Temperature De Severe Heat Wave: Maximum Tempera		
Į+	(b). Based on Actual maximum ten		
Heat Wave	Heat Wave: When actual maximum tem		
	Severe Heat Wave: When actual maxin	/	
	 (c). Criteria for heat wave for coas When maximum temperature departure temperature ≥37°C 	stal stations is >4.5°C from normal. Heat Wave may be described provided	maximu
8.	When maximum temperature rem		
Varm Night	Warm Night: When minimum temperatu		
3	Severe Warm Night: When minimum to	amperature departure >0.4 °C.	
	(a). Based on departure	a station ≤10°C for plains and ≤0°C for hilly regio	ns.
	Cold Wave: Minimum Temperature Dep Severe Cold Wave: Minimum Temperat		_
Ų-	(b) Based on actual Minimum Ten		
Cold Wave	Cold Wave : When Minimum Temperatu		
	Severe Cold Wave: When Minimum Te	emperature is ≤ 2.0 °C	
	(c) For Coastal Stations	e is ≤-4.5 °C & actual Minimum Temperature is ≤ 15 °C	
n		station ≤10°C for plains and ≤0°C for hilly regions	
Cold Dow	Cold Day: Maximum Temperature Depart	arture from normal -4.5 °C to -6.4 °C.	
Cold Day	Severe Cold Day: Maximum Temperatu	ure Departure from normal ≤ -6.5 °C	
	Phenomenon of small droplet	s suspended in air and the horizontal visibility	< 1ki
0	Moderate Fog: When the visibility betw		
Fog	Very Dense Fog: when the visibility between Very Dense Fog: when the visibility < 5		
/-	Sudden electrical discharges man	ifacted by a fleeb of light (Lightning) and a character	nbling
**************************************	sound (thunder)	rrested by a flash of light (Lighthing) and a sharp run	
nunderstorm Dust/Sand Storm	sound (thunder)	or sand energetically lifted to great heights by a stron	ng and
Dust/Sand	An ensemble of particles of dust of		ng and
Dust/Sand Storm	An ensemble of particles of dust of turbulent wind.		ng and
Dust/Sand	An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudd		ng and
Dust/Sand Storm	An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudd Moderate: Wind speed 52-61 kmph	or sand energetically lifted to great heights by a stron	ng and
Dust/Sand Storm	An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudd	or sand energetically lifted to great heights by a stron	ng and
Dust/Sand Storm	An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudd Moderate: Wind speed 52-61 kmph Severe: Wind speed 52-87 kmph Very Severe: Wind speed >87 kmph	or sand energetically lifted to great heights by a stron	ng and
Dust/Sand Storm	An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudd Moderate: Wind speed 52-61 kmph Severe: Wind speed 52-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea	or sand energetically lifted to great heights by a stron	ng and
Dust/Sand Storm Frost Squall	An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudd Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea Rough to very rough: Wind speed 41-High to very high: Wind speed 63-117	pr sand energetically lifted to great heights by a strong	ng and
Dust/Sand Storm	An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudd Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea Rough to very rough: Wind speed 41-	pr sand energetically lifted to great heights by a strong	ng and
Dust/Sand Storm Frost Squall	An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudd Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea Rough to very rough: Wind speed 41-High to very high: Wind speed 63-117	or sand energetically lifted to great heights by a strong	ng and
Dust/Sand Storm Frost Squall	An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudd Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea Rough to very rough: Wind speed 41-High to very high: Wind speed 63-117 Phenomenal: Wind speed >117 kmph (Cyclonic Storm: Wind speed 62-87 km Severe Cyclonic Storm: Wind speed 83-117 Wind	denly, lasts for atleast 1 minute. a over specific area 62 kmph (22-33 knots) & Wave height 2.5-6 metre kmph (34-63 knots) & Wave height 6-14 metre >63 knots) & Wave height >14 metre ph (34-47 knots) 88-117 kmph (48-63 knots)	ng and
Dust/Sand Storm Frost Squall	An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature \$4°C (over Plains) A strong wind that rises sudd Moderate: Wind speed 52-61 kmph Severe: Wind speed 52-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea Rough to very rough: Wind speed 41-High to very high: Wind speed 63-117 Phenomenal: Wind speed >117 kmph (Cyclonic Storm: Wind speed 62-87 km Severe Cyclonic Storm: Wind speed 84-Very Severe Cyclonic Storm: Wind speed 85-Very Severe Cyclonic Storm: Wind Severe Cyclonic Storm: Wind speed 85-Very Severe Cyclonic Storm: Wind speed 85-Very Severe Cyclonic Storm: Wind speed 85-Very Severe Cyclonic Storm: Wind Seve	denly, lasts for atleast 1 minute. a over specific area 62 kmph (22-33 knots) & Wave height 2.5-6 metre kmph (34-63 knots) & Wave height 6-14 metre >63 knots) & Wave height >14 metre ph (34-47 knots) 88-117 kmph (48-63 knots)	ng and