

2025-06-30

Time of Issue: 08:30:00 hours IST
(Morning)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings

East & Central India:

- ♦ **Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over Jharkhand on 30th June.**
- ♦ Isolated **heavy rainfall** over Jharkhand, Odisha, Bihar, Madhya Pradesh, Chhattisgarh during 30th June-05th July; Vidarbha during 30th June-02nd July, Sub-Himalayan West Bengal & Sikkim during 30th June-05th July, Gangetic West Bengal during 30th June-01st July and on 04th & 05th July with **very heavy rainfall** over Madhya Pradesh, Bihar during 30th June-02nd July, Vidarbha, Chhattisgarh on 30th June & 01st July, Odisha during 30th June-05th July, Jharkhand on 01st July.

Northwest India:

- ♦ Isolated **heavy rainfall** likely over Himachal Pradesh, Uttarakhand, Uttar Pradesh during 30th June-05th July; Punjab, Haryana & Chandigarh during 30th June-03rd July; Rajasthan during 02nd-05th July with **very heavy rainfall over Uttarakhand during 30th June-03rd July; Himachal Pradesh, Punjab, Haryana on 30th June; West Uttar Pradesh during 30th June-02nd July, East Uttar Pradesh on 30th June & 01st July, East Rajasthan on 04th & 05th July.**

West India:

- ♦ **Heavy to very heavy rainfall** at isolated places likely over Konkan & Goa, Ghat areas of Madhya Maharashtra, Gujarat state during next 7 days, over Marathawada on 30th June.

Northeast India:

- ♦ Isolated **very heavy rainfall** over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during 02nd -05th July.

South Peninsular India:

- ♦ Isolated **heavy rainfall** likely over Kerala & Mahe on 30th June, 03rd & 04th July, Coastal Karnataka on 30th and during 02nd-05th July, South Interior Karnataka during 02nd-05th July.
- ♦ **Strong surface winds** (speed reaching 40-50 kmph) very likely over South Peninsular India during next 7 days.

Hot & Humid Weather warning:

- ♦ **Hot & humid weather** is likely to prevail over plains of Assam on 30th, Coastal Andhra Pradesh & Yanam during 30th June-01st July.

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Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST to 1730 hours IST of yesterday): **at most places** over West Uttar Pradesh, Sub-himalayan West Bengal & Sikkim, Uttarakhand, Gangetic West Bengal, Haryana Chandigarh & Delhi, Gujarat Region, Coastal Karnataka, Vidarbha and Jharkhand; **at many places** over Odisha, Madhya Maharashtra, Jammu & Kashmir and Ladakh, Konkan & Goa, Himachal Pradesh, Assam & Meghalaya, East Madhya Pradesh, East Uttar Pradesh, West Madhya Pradesh, Bihar, Punjab, West Rajasthan, East Rajasthan, Arunachal Pradesh, Kerala & Mahe, Andaman & Nicobar Islands, South Interior Karnataka, North Interior Karnataka, Saurashtra & Kutch, Coastal Andhra Pradesh & Yanam, Chhattisgarh, Telangana, Nagaland, Manipur, Mizoram & Tripura and Lakshadweep; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST to 1730 hours IST of yesterday): West Uttar Pradesh: Fatehgarh (dist Farrukhabad) 8, Agra (dist Agra) 6, Najibabad (dist Bijnor) 3; Andaman & nicobar islands: Port Blair (dist South Andaman) 7; West Madhya Pradesh: Gwalior (dist Gwalior) 7, Hoshangabad (dist Narmadapuram) 4, Bhopal-arera Hills (dist Bhopal) 3; East Uttar Pradesh: Kanpur/Chakeri (dist Kanpur Nagar) 5, Lakhimpur Kheri (dist Lakhimpur Kheri) 4; **Jharkhand**: Jamshedpur (dist East Singhbhum) 4.

❖ **Heavy Rainfall observed** (from 0830 hours IST to 1730 hours IST of today): Yesterday, **Heavy rain** at isolated places over Andaman & Nicobar Islands, West Uttar Pradesh and West Madhya Pradesh.

❖ **Minimum Temperature Departures (as on 29-06-2025): 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 and West Madhya Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at few places over East Madhya Pradesh; at isolated places over Sub Himalayan West Bengal & Sikkim, Bihar, Punjab and Saurashtra & Kutch. **above normal(1.6°C to 3.0°C)** at few places over Gujarat Region, Coastal Andhra Pradesh & Yanam and Lakshadweep; at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Odisha, Uttarakhand, Haryana-Chandigarh-Delhi, West Rajasthan, Konkan & Goa, Madhya Maharashtra, Telangana, Rayalaseema and Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over Jharkhand, East Rajasthan, Vidarbha and Chhattisgarh; at most places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Marathwada, Coastal Karnataka, North Interior Karnataka and South Interior Karnataka; at few places over Kerala & Mahe. **The lowest minimum temperature** of 23.6°C was reported at Chandigarh over the Plains of India.

❖ **Maximum Temperature Departures (as on 29-06-2025): markedly above normal(> 5.1°C)** at isolated places over Sub Himalayan West Bengal & Sikkim. **appreciably above normal(3.1°C to 5.0°C)** at few places over Arunachal Pradesh, Assam & Meghalaya and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at few places over Bihar, Coastal Karnataka and Lakshadweep; at isolated places over Odisha, Himachal Pradesh, Saurashtra & Kutch, Konkan & Goa, Telangana, Rayalaseema and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Gangetic West Bengal, Madhya Maharashtra and South Interior Karnataka; at most places over Nagaland, Manipur, Mizoram & Tripura; at few places over Andaman & Nicobar Islands, East Uttar Pradesh, West Rajasthan, Marathwada, Coastal Andhra Pradesh & Yanam and North Interior Karnataka; at isolated places over West Uttar Pradesh, East Rajasthan and Chhattisgarh. **The highest maximum temperature** of 40.8°C was reported at and BIKANER (RAJASTHAN).

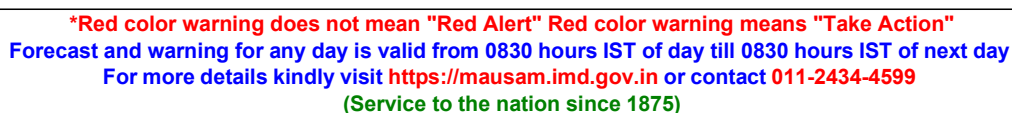


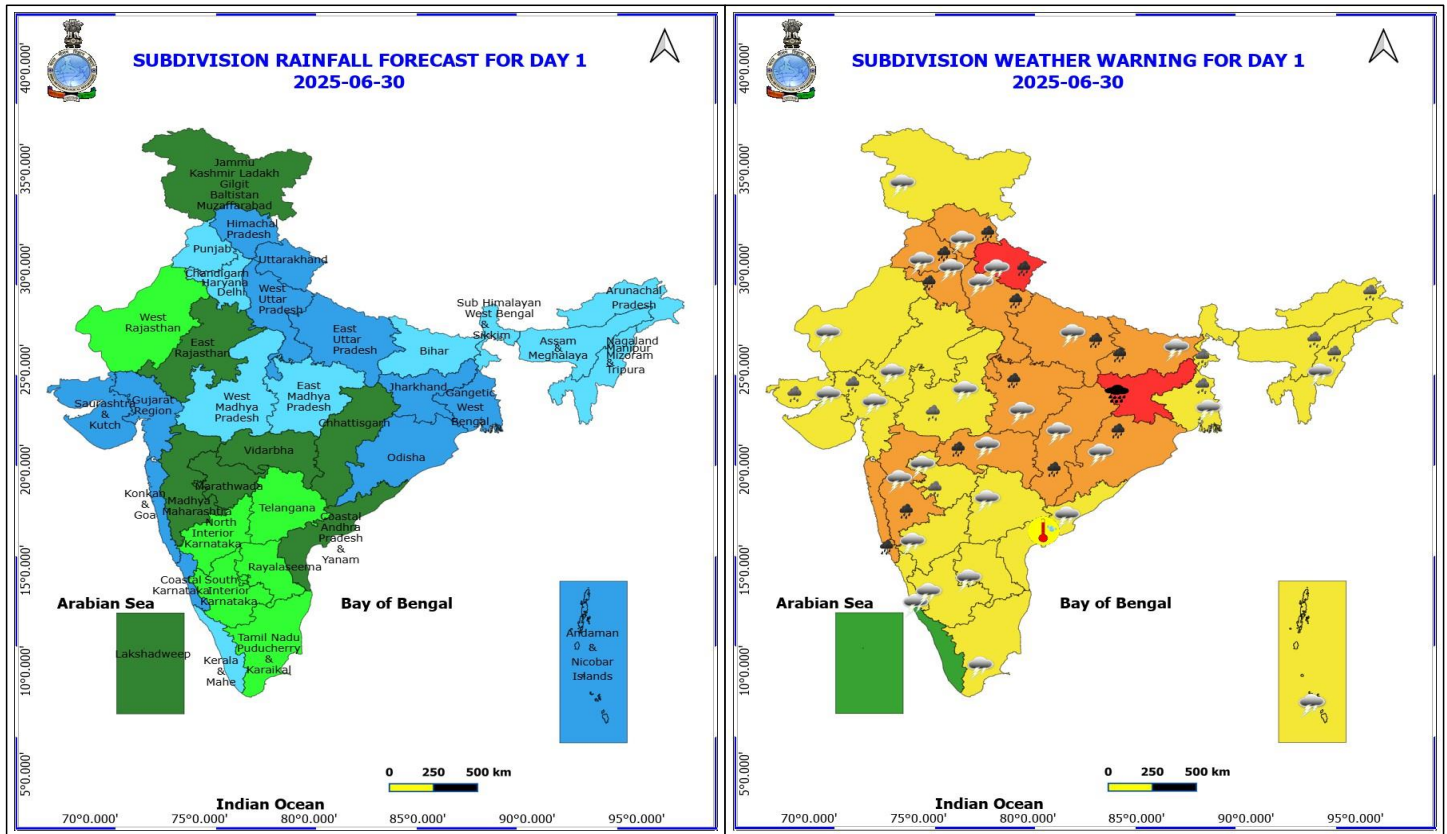
Meteorological Analysis (Based on 0530 hours IST)

- ❖ The **low-pressure area** over Northwest Bay of Bengal & adjoining West Bengal and Bangladesh coasts persists over the same region at 0530 hrs IST of today, the 30th June 2025. The associated cyclonic circulation extended upto 7.6 km above mean sea level tilting southwestwards with height. It is likely to move slowly west-northwestwards across North Odisha, Gangetic West Bengal & Jharkhand during next 2 days.
- ❖ The monsoon trough at mean sea level passes through Ganganagar, Sirsa, Agra, Prayagraj, Daltonganj, Bankura, centre of the low pressure area over Northwest Bay of Bengal & adjoining West Bengal and Bangladesh coasts and thence east-southeastwards to northeast Bay of Bengal.
- ❖ The upper air cyclonic circulation over south Rajasthan & adjoining north Gujarat between 3.1 & 7.6 km above mean sea levels persists.
- ❖ The east-west **trough** from the upper **air cyclonic circulation** over south Rajasthan & adjoining north Gujarat to the cyclonic circulation associated with the low-pressure area over northwest Bay of Bengal & adjoining West Bengal and Bangladesh coasts across Madhya Pradesh, north Chhattisgarh and north Odisha persists and now seen at 3.1 km above mean sea level.
- ❖ The upper air **cyclonic circulation** over north Haryana & neighbourhood extending upto 1.5 km above mean sea level persists.
- ❖ The upper air **cyclonic circulation** over central parts of south Uttar Pradesh at 1.5 km above mean sea level persists.
- ❖ The upper **air cyclonic circulation** over central parts of north Arabian Sea extending upto 5.8 km above mean sea level persists.

Weather Outlook for subsequent 3 days

- ♦ Scattered to fairly widespread rainfall very likely over central India, ghat area of western coast, eastern India & northwest India.
- ♦ Isolated to scattered rainfall very likely over the south peninsula India & western India.





30 June (Day 1)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Jharkhand.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Bihar, Chhattisgarh, East Madhya Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, Odisha, Punjab, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Gujarat State, Marathwada, Nagaland, Manipur, Mizoram and Tripura, West Bengal & Sikkim and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Coastal Karnataka, Gangetic West Bengal, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha, West Madhya Pradesh and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Chhattisgarh, East Madhya Pradesh, East Rajasthan, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Punjab, Tamil Nadu Puducherry & Karaikal, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh.
- ❖ **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, most parts of eastcentral Arabian Sea, most parts of northeast Arabian Sea, many parts of northwest Arabian Sea, northern parts of southwest Arabian Sea, over Gulf of Mannar.

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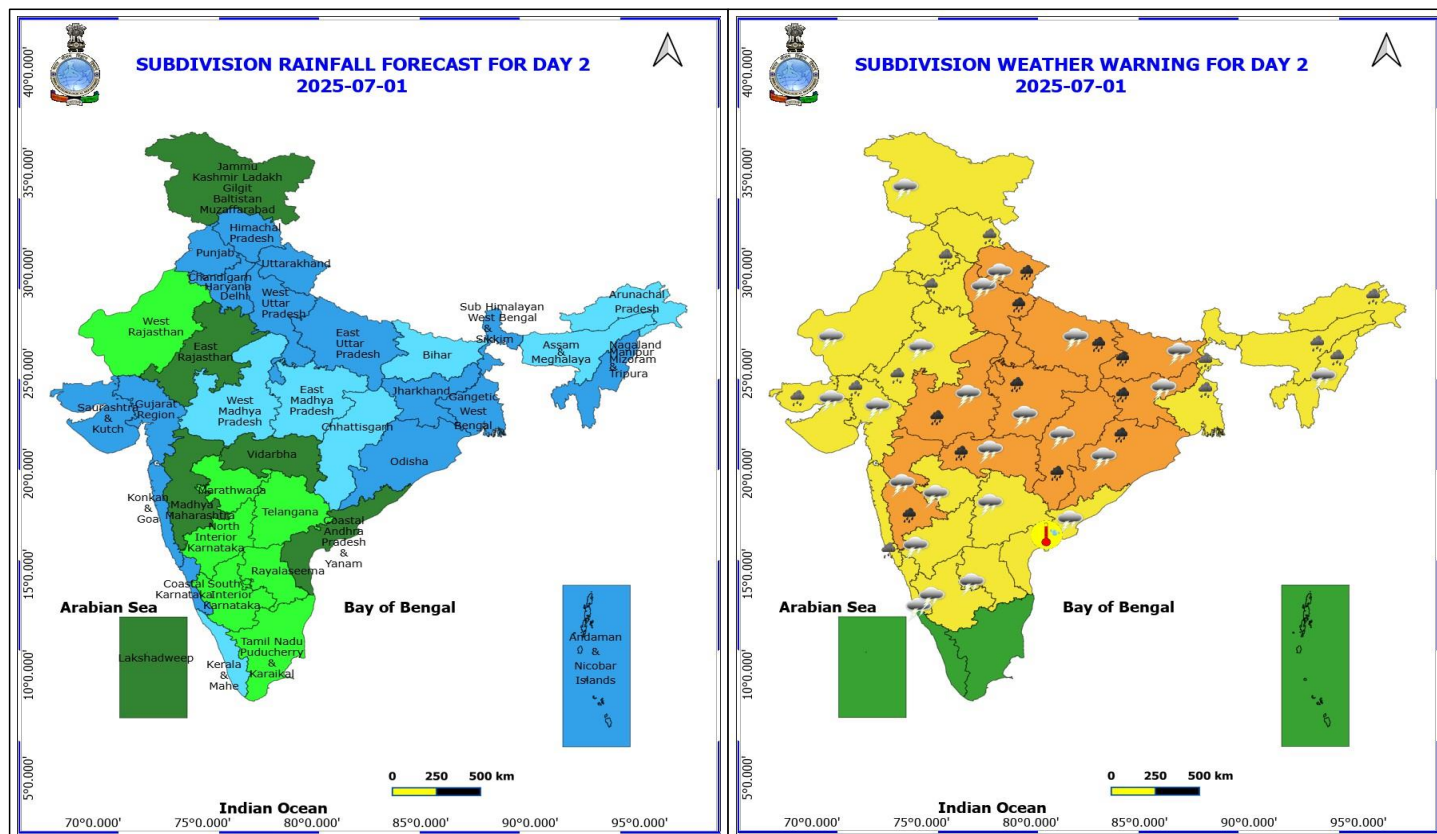
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❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over most parts of central Bay, north Bay of Bengal, few parts of southeast Bay of Bengal, along and off north Andhra Pradesh, Odisha, West Bengal, Bangladesh coasts, over Andaman Sea and Goa, Kerala, Karnataka and Lakshadweep coasts adjoining comorin area..

❖ **Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail over over most parts of eastcentral & adjoining areas of westcentral Arabian Sea, over most parts of northeast Arabian Sea, along and off Gujarat, Konkan coasts



1 July (Day 2)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Bihar, Chhattisgarh, Jharkhand, Madhya Maharashtra, Madhya Pradesh, Odisha, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, East Rajasthan, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura, Punjab and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Bihar, Coastal Karnataka, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Chhattisgarh, East Rajasthan, Gujarat State, Jharkhand, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh.
- ❖ **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, most parts of eastcentral Arabian Sea, most parts of northeast Arabian Sea, many parts of northwest Arabian Sea, northern parts of southwest Arabian Sea over Gulf of Mannar.
- ❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over most parts of central Bay of Bengal, some northern parts of southeast Bay of Bengal, along and off Odisha, West Bengal, Bangladesh coasts, over north Bay of Bengal, over Andaman Sea.

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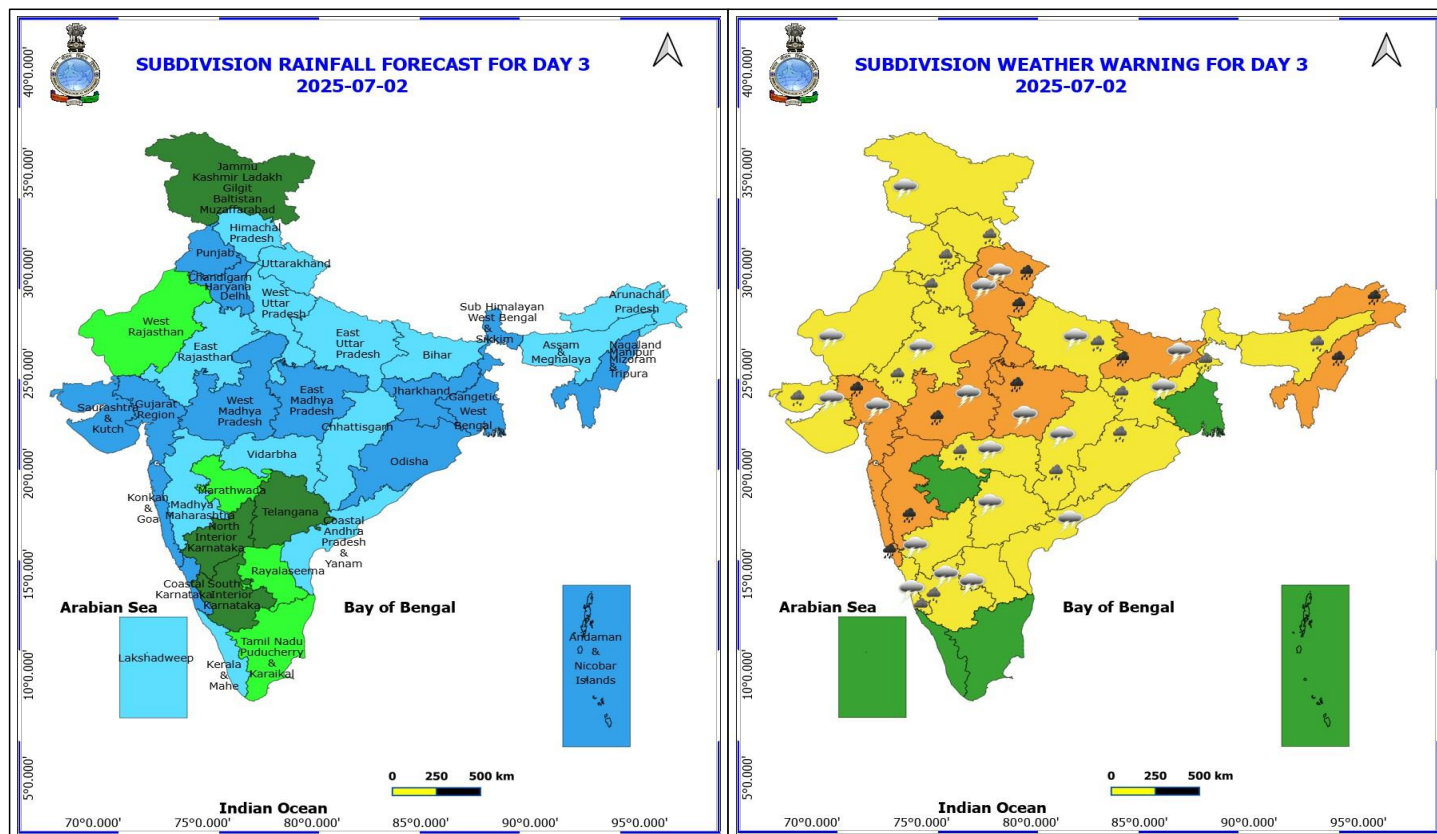
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❖ **Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail over over most parts of eastcentral & adjoining areas of westcentral Arabian Sea, over most parts of northeast Arabian Sea, along and off Gujarat, north Konkan coasts, some parts of north Bay of Bengal, along and off north Odisha and west Bengal coasts.



2 July (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Bihar, Gujarat Region, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and West Uttar Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, East Rajasthan, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Odisha, Punjab, Saurashtra & Kutch, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Bihar, Coastal Karnataka, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Chhattisgarh, East Rajasthan, Gujarat State, Jharkhand, Madhya Pradesh, Telangana, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **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, most parts of eastcentral Arabian Sea, most parts of northeast Arabian Sea, many parts of northwest Arabian Sea, northern parts of southwest Arabian Sea over Gulf of Mannar.
- ❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over most parts of central Bay of Bengal, north Bay of Bengal, along and off Odisha, West Bengal, Bangladesh coasts, over north Bay of Bengal.
- ❖ **Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail over over most parts of eastcentral & adjoining areas of westcentral Arabian Sea, over most parts of northeast Arabian Sea,

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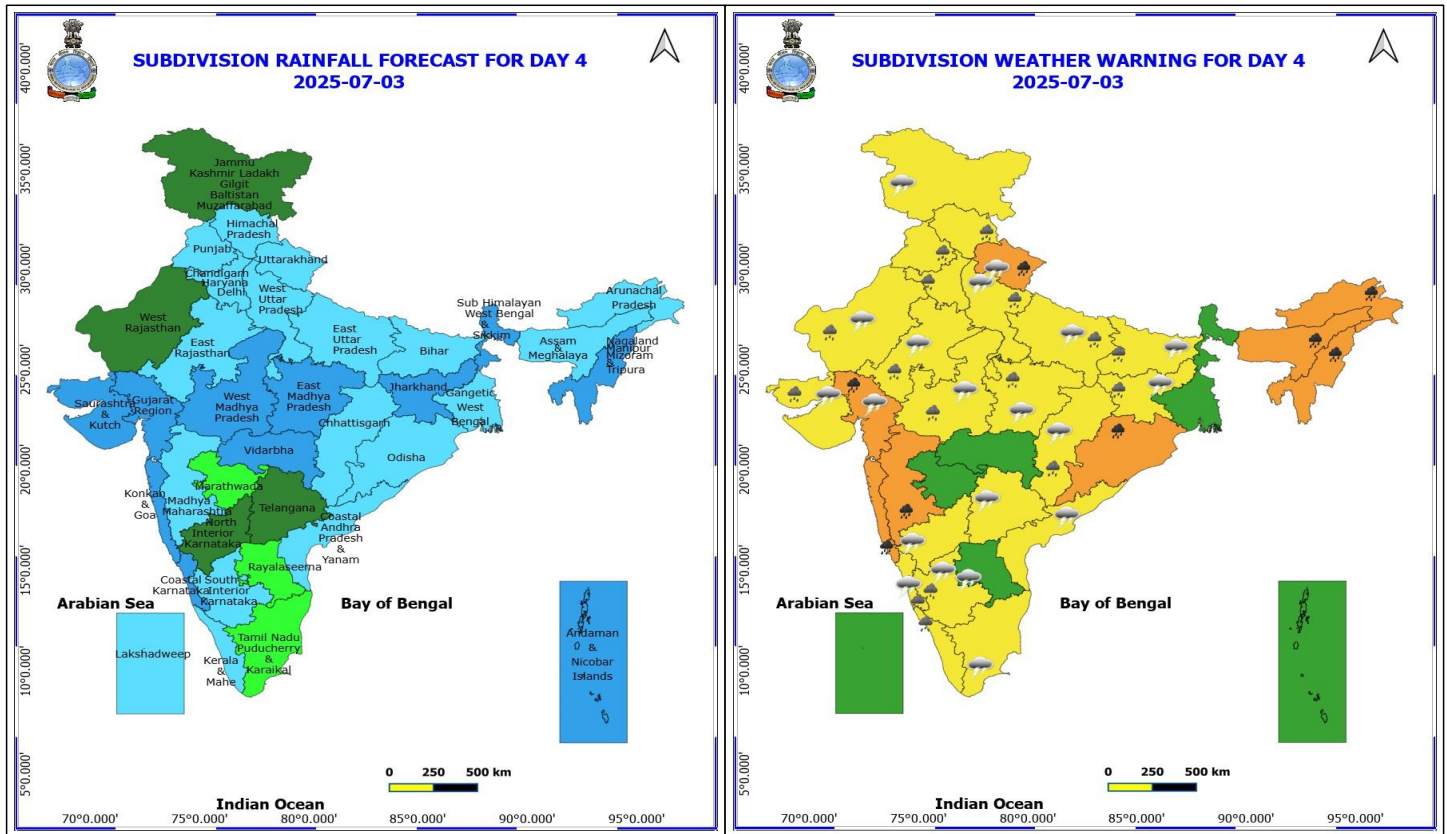
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along and off Gujarat, north Konkan coasts.



3 July (Day 4)

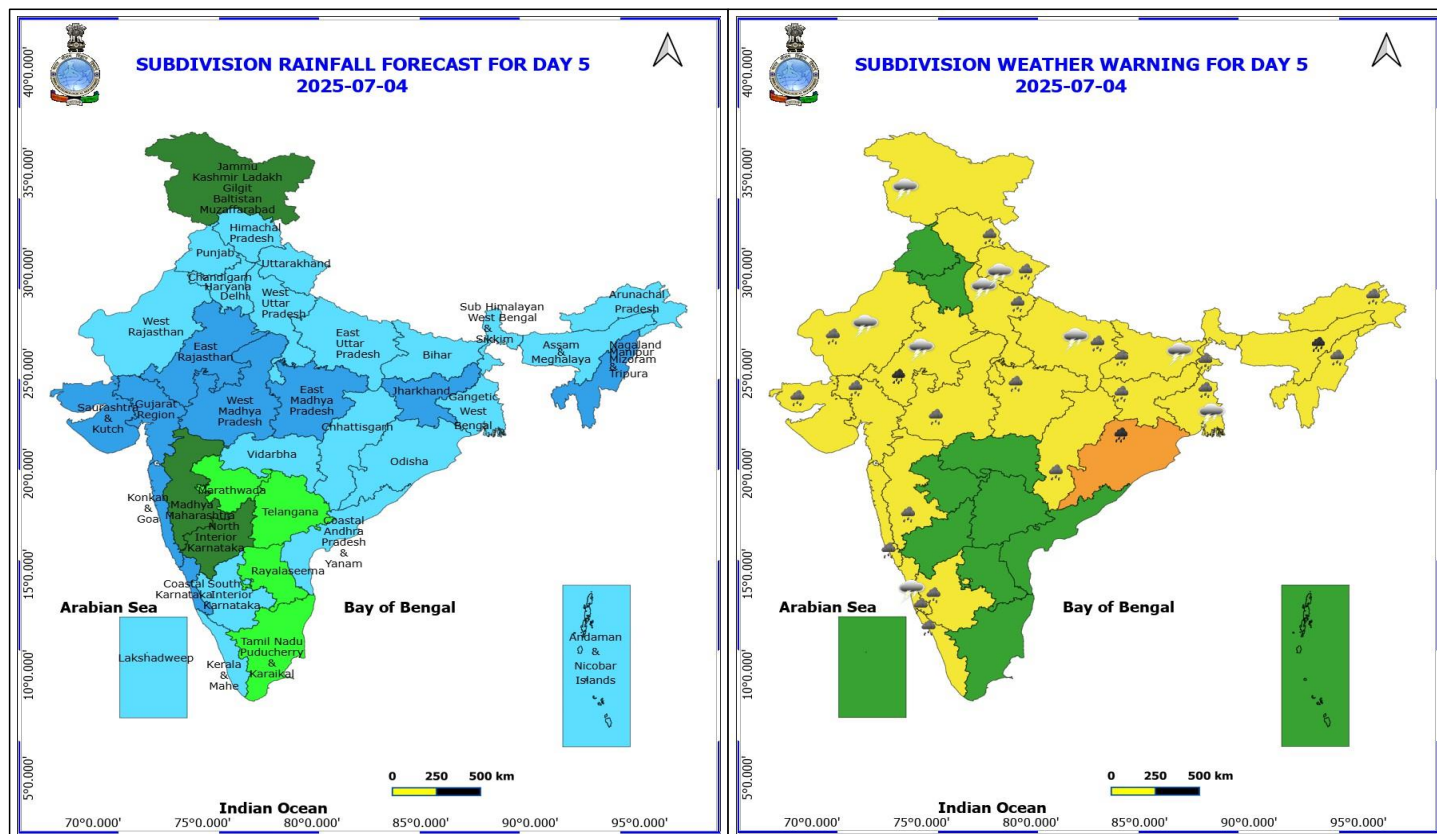
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Gujarat Region, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Chhattisgarh, Costal Karnataka, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Kerala & Mahe, Madhya Pradesh, Punjab, Rajasthan, Saurashtra & Kutch, South Interior Karnataka and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andhra Pradesh, Bihar, Costal Karnataka, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Chhattisgarh, East Rajasthan, Gujarat State, Jharkhand, Madhya Pradesh, Tamil Nadu Puducherry & Karaikal, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ **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, most parts of eastcentral Arabian Sea, most parts of northeast Arabian Sea, many parts of northwest Arabian Sea, northern parts of southwest Arabian Sea over Gulf of Mannar.
- ❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over few parts of central Bay of Bengal, north Bay of Bengal, along and off north Andhra Pradesh coast and south Odisha coast adjoining some parts of westcentral and north bay of Bengal
- ❖ **Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail over over most parts of eastcentral & adjoining areas of westcentral Arabian Sea, over most parts of northeast Arabian Sea, along and off Gujarat, north Konkan coasts.1

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4 July (Day 5)

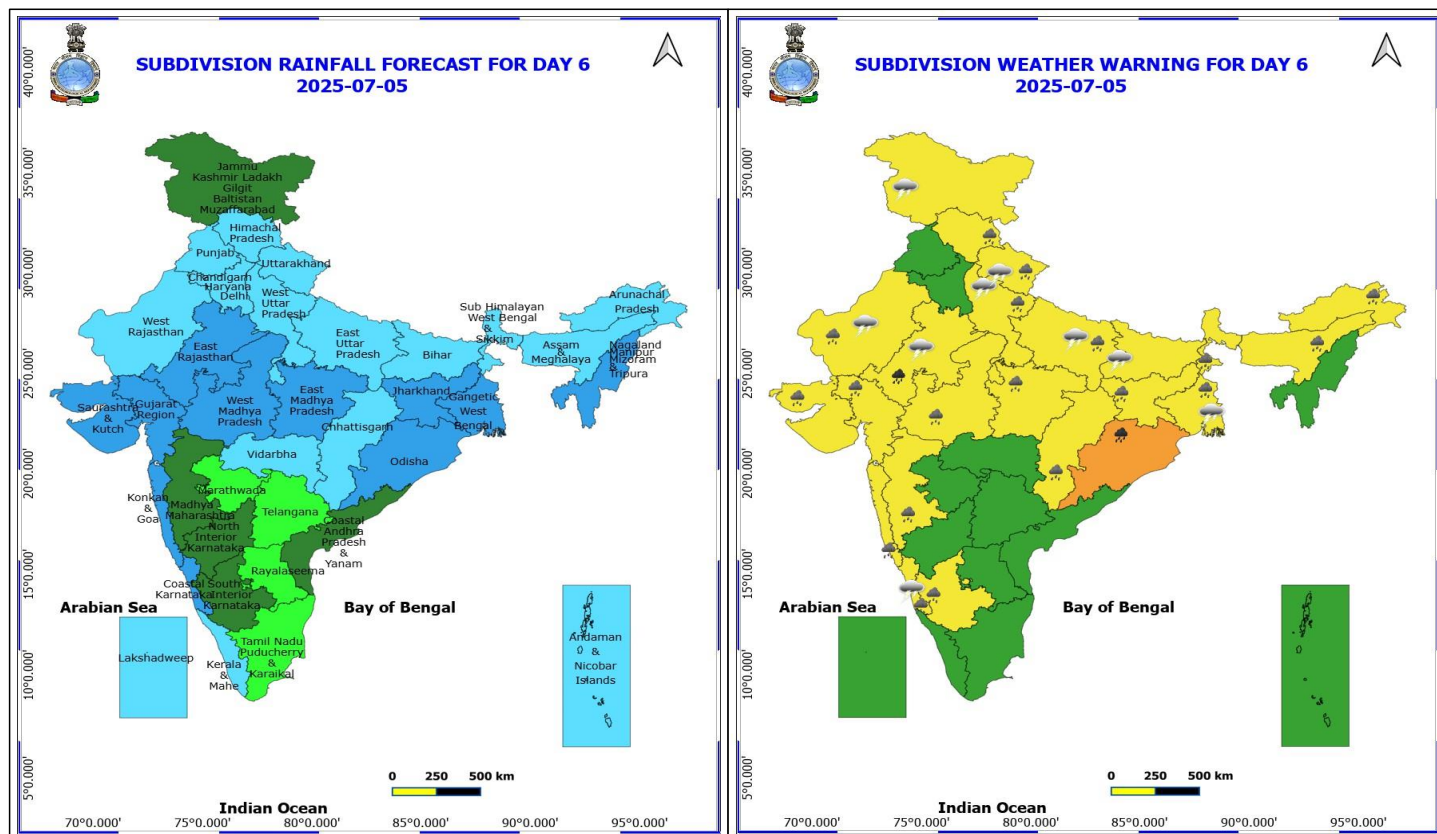
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Assam & Meghalaya, East Rajasthan and Odisha.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Bihar, Chhattisgarh, Coastal Karnataka, Gujarat State, Himachal Pradesh, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka, Uttar Pradesh, Uttarakhand, West Bengal & Sikkim and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Coastal Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over East Rajasthan, Gangetic West Bengal, Uttar Pradesh and Uttarakhand.
- ❖ 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, most parts of eastcentral Arabian Sea, most parts of northeast Arabian Sea, many parts of northwest Arabian Sea, northern parts of southwest Arabian Sea over Gulf of Mannar..
- ❖ Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph likely to prevail over over most parts of eastcentral & adjoining areas of westcentral Arabian Sea, over most parts of northeast Arabian Sea, along and off Gujarat, north Konkan coasts.

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5 July (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over East Rajasthan and Odisha.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, Gujarat State, Himachal Pradesh, Jharkhand, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, South Interior Karnataka, Uttar Pradesh, Uttarakhand, West Bengal & Sikkim and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Coastal Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over East Rajasthan, Gangetic West Bengal, Uttar Pradesh and Uttarakhand.

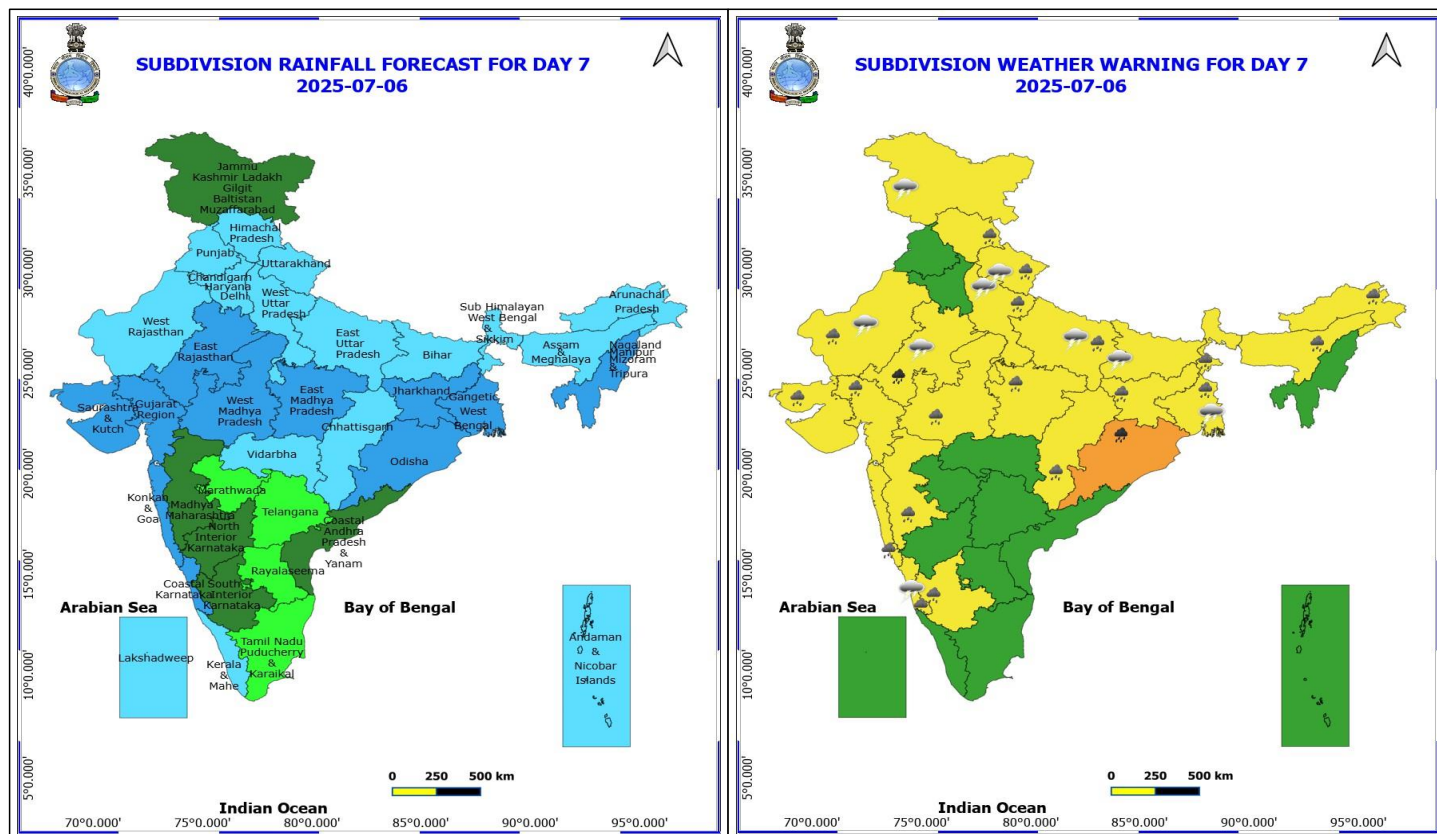
No Fishermen Warning

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6 July (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over East Rajasthan and Odisha.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, Gujarat State, Himachal Pradesh, Jharkhand, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, South Interior Karnataka, Uttar Pradesh, Uttarakhand, West Bengal & Sikkim and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Coastal Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over East Rajasthan, Gangetic West Bengal, Uttar Pradesh and Uttarakhand.

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Flash Flood Warnings

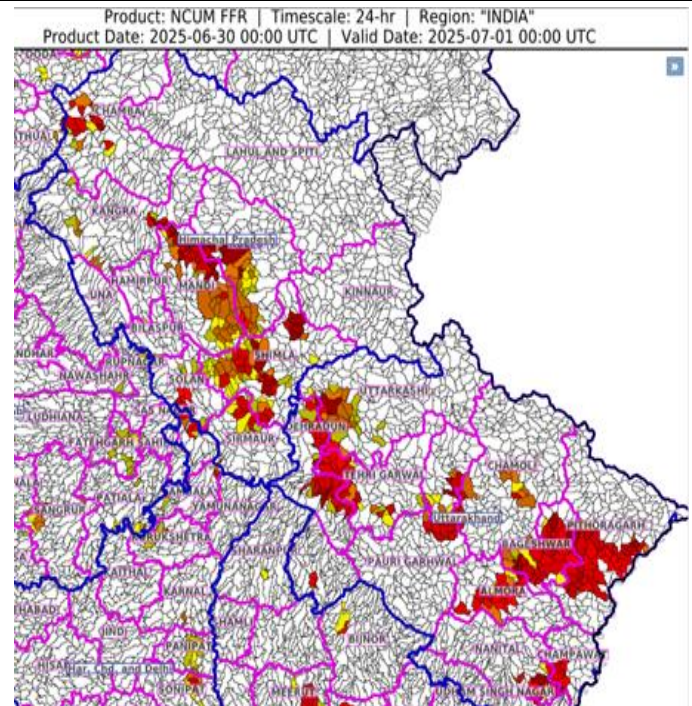
24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 01-07-2025 :

Moderate to High flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

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

Uttarakhand - Almora, Bageshwar, Chamoli, Champawat, Dehradun, Haridwar, Nanital, Pauri Garhwal, Pithoragarh, Rudraprayag, Tehri Garwal, Udham Singh Nagar 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 0530 IST of 01-07-2025 :

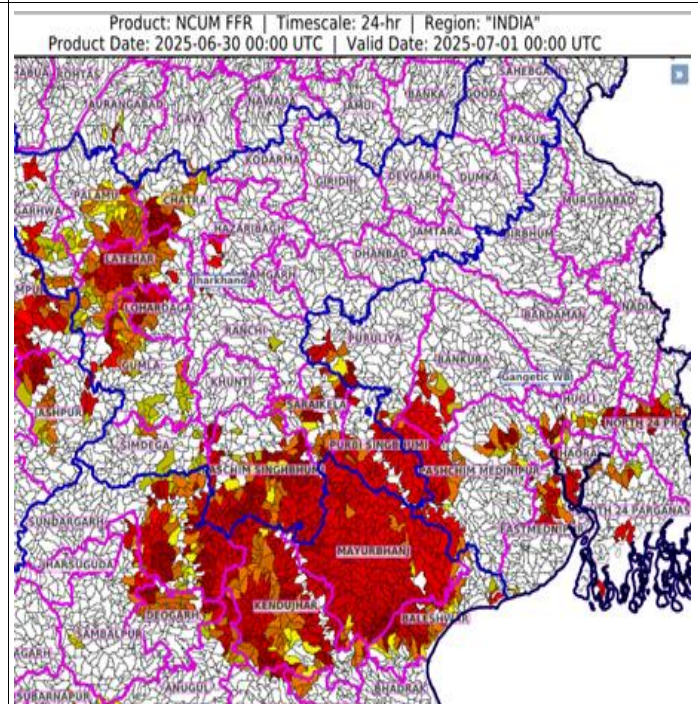
Moderate to High flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Odisha - Anugul, Baleshwar, Deogarh, Dhenkanal, Jajapur, Kendujhar, Mayurbhanj, Sambalpur and Sundargarh districts.

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

Jharkhand - Chatra, East Singhbhum, Garhwa, Gumla, Hazaribagh, Latehar, Lohardaga, Palamu, Ranchi, Saraikela, Simdega 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.



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Table-1

7 Days Rainfall Forecast

S.No.	Subdivision	30- Jun	1- Jul	2- Jul	3- Jul	4- Jul	5- Jul	6- Jul
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	WS	WS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	FWS	FWS	FWS	FWS	FWS	FWS	FWS
3	ASSAM & MEHGHALAYA	FWS	FWS	FWS	FWS	FWS	FWS	FWS
4	N. M. M. & T.	FWS	WS	WS	WS	WS	WS	WS
5	S.H. WEST BENGAL & SIKKIM	FWS	WS	WS	WS	FWS	FWS	FWS
6	GANGETIC WEST BENGAL	WS	WS	WS	FWS	FWS	WS	WS
7	ODISHA	WS	WS	WS	FWS	FWS	WS	WS
8	JHARKHAND	WS	WS	WS	WS	WS	WS	WS
9	BIHAR	FWS	FWS	FWS	FWS	FWS	FWS	FWS
10	EAST UTTAR PRADESH	WS	WS	FWS	FWS	FWS	FWS	FWS
11	WEST UTTAR PRADESH	WS	WS	FWS	FWS	FWS	FWS	FWS
12	UTTARAKHAND	WS	WS	FWS	FWS	FWS	FWS	FWS
13	HARYANA, CHD & DELHI	FWS	WS	WS	FWS	FWS	FWS	FWS
14	PUNJAB	FWS	WS	WS	FWS	FWS	FWS	FWS
15	HIMACHAL PRADESH	WS	WS	FWS	FWS	FWS	FWS	FWS
16	JAMMU AND KASHMIR AND LADAKH	SCT	SCT	SCT	SCT	SCT	SCT	SCT
17	WEST RAJASTHAN	ISOL	ISOL	ISOL	SCT	FWS	FWS	FWS
18	EAST RAJASTHAN	SCT	SCT	FWS	FWS	WS	WS	WS
19	WEST MADHYA PRADESH	FWS	FWS	WS	WS	WS	WS	WS
20	EAST MADHYA PRADESH	FWS	FWS	WS	WS	WS	WS	WS
21	GUJRAT REGION	WS	WS	WS	WS	WS	WS	WS
22	SAURASHTRA & KUTCH	WS	WS	WS	WS	WS	WS	WS
23	KONKAN & GOA	WS	WS	WS	WS	WS	WS	WS
24	MADHYA MAHARASHTRA	SCT	SCT	FWS	FWS	SCT	SCT	SCT
25	MARATHWADA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	SCT	SCT	FWS	WS	FWS	FWS	FWS
27	CHATTISGARH	SCT	FWS	FWS	FWS	FWS	FWS	FWS
28	COASTAL ANDHRA PRADESH	SCT	SCT	FWS	FWS	FWS	SCT	SCT
29	TELANGANA	ISOL	ISOL	SCT	SCT	ISOL	ISOL	ISOL
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	WS	WS	WS	WS	WS	WS	WS
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	SCT	SCT	SCT	SCT	SCT
34	SOUTH INTERIOR KARNATAKA	ISOL	ISOL	SCT	FWS	FWS	SCT	SCT
35	KERALA	FWS	FWS	FWS	FWS	FWS	FWS	FWS
36	LAKSHDWEAP	SCT	SCT	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

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Fig. 1: Maximum Temperatures Dated 2025-06-30

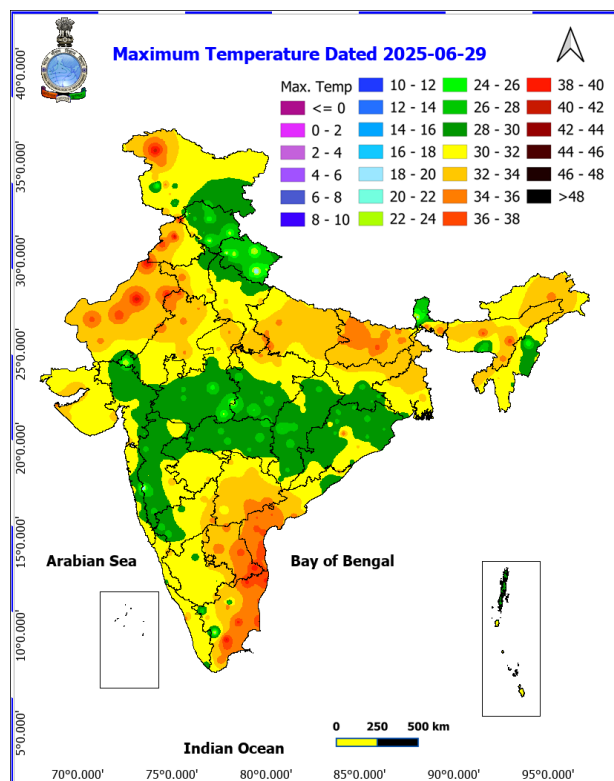


Fig. 2: Departure of Maximum Temp. Dated 2025-06-30

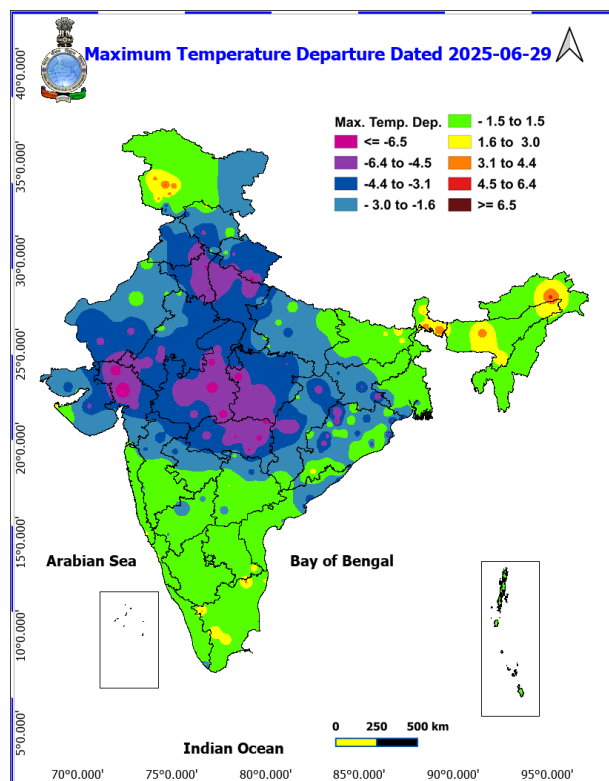


Fig. 3: Minimum Temperatures Dated 2025-06-30

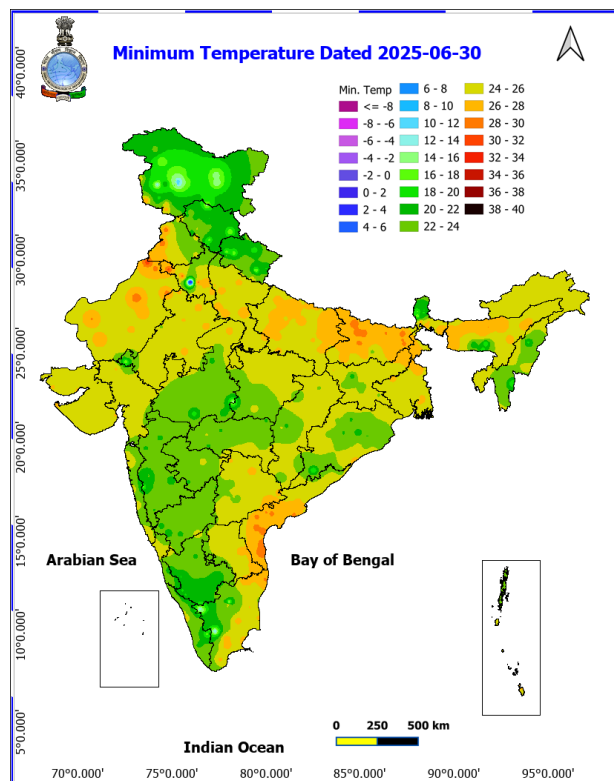
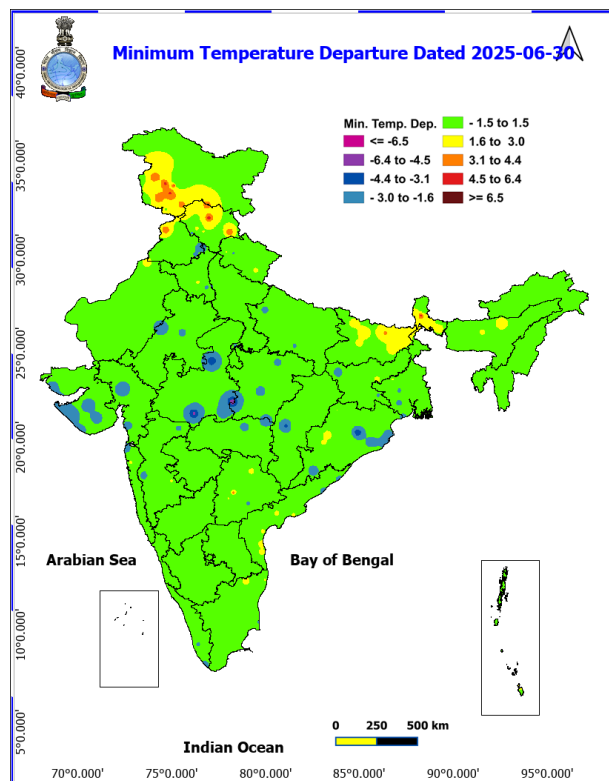
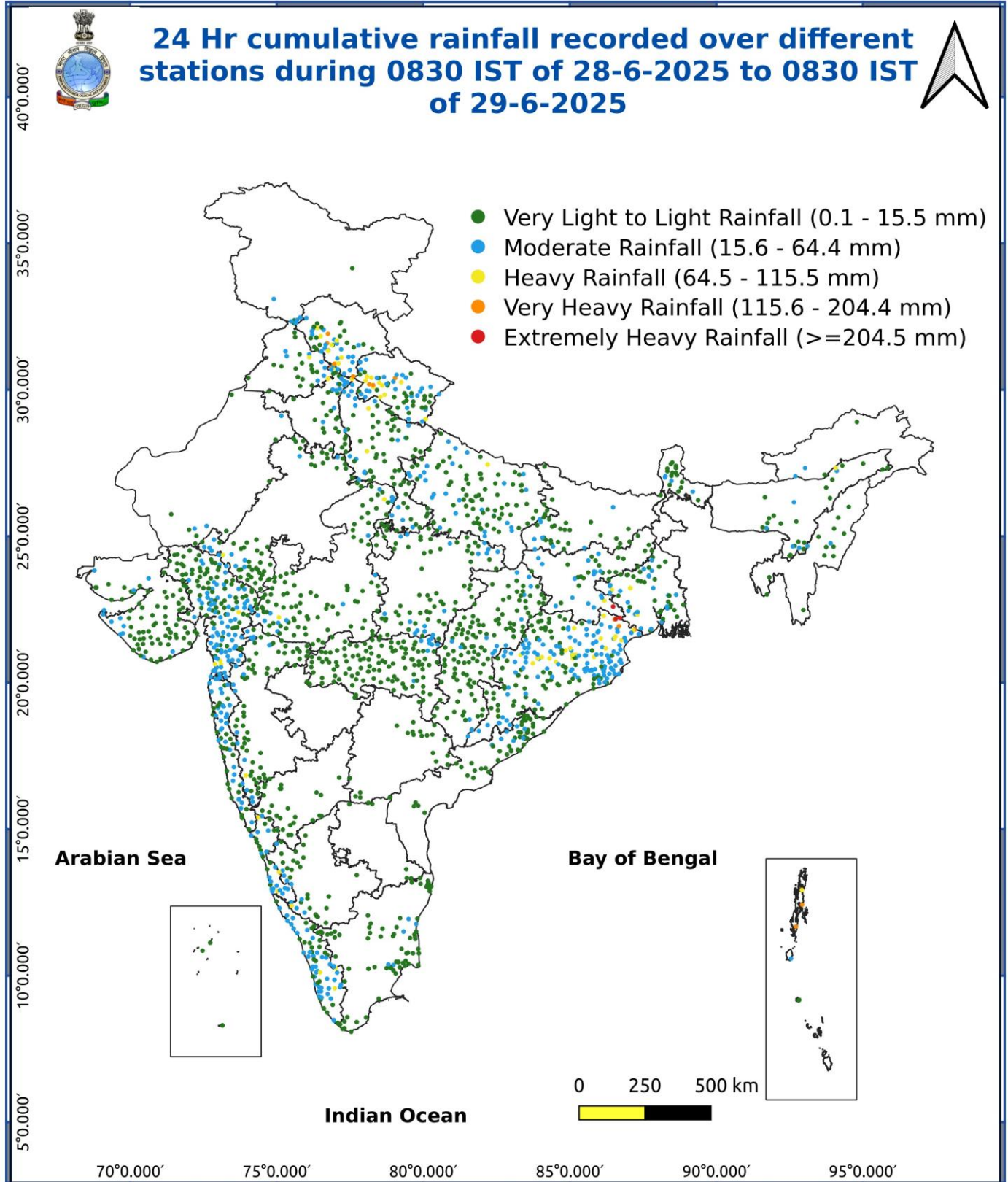


Fig. 4: Departure of Minimum Temp. Dated 2025-06-30





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Impact & Action Suggested due to extremely heavy rainfall/ very heavy rainfall:

- ♦ **Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over Jharkhand on 30th June.**
- ♦ **Heavy to very heavy rainfall** at isolated places over **Uttarakhand during 30th June-03rd July, Himachal Pradesh**, Punjab, Haryana on 30th June; Odisha during 30th June-05th July, Jharkhand on 01st July, West Uttar Pradesh during 30th June-02nd July, Madhya Pradesh, Bihar during 30th June-02nd July, Vidarbha, Chhattisgarh, East Uttar Pradesh on 30th June & 01st July, East Rajasthan on 04th & 05th July, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during 02nd -05th July. over Konkan & Goa, Ghat areas of Madhya Maharashtra, Gujarat state during next 7 days.

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

- ♦ In **Odisha**, postpone sowing of maize, green gram, papaya, banana and vegetable crops. Ensure proper drainage from already sown rice nurseries, fields of maize and vegetables to prevent waterlogging. Cover rice and vegetable nurseries with plastic sheets to prevent washing away of seeds. Provide strong wooden support for papaya and banana plants to avoid lodging due to strong winds.
- ♦ **Jharkhand** – Postpone sowing of pigeon pea, finger millet and paddy nurseries. Make necessary arrangements to drain out excess water from already sown maize fields, rice and vegetable nurseries. Cover the vegetable nursery with polythene sheets.
- ♦ **Gangetic West Bengal** - Make necessary arrangements to drain out excess water from the fields of rice nurseries and ginger to avoid water stagnation.
- ♦ In **Uttarakhand**, postpone sowing of rice nurseries. Ensure proper drainage facilities in pigeon pea, groundnut, maize, sugarcane, barnyard millet, finger millet, already sown rice nurseries, kidney beans, blackgram, green gram, vegetable and orchards. Harvest matured vegetables (pumpkin, tomato, okra, chilli, French bean etc.) and fruits and store in safe place. Tie the sugarcane plants together to avoid lodging. In **Bhabar and Tarai Zone of Uttarakhand**, postpone sowing of rice nurseries, soybean, kidney beans, blackgram and green gram. Keep the harvested produce of spring maize in safe place.
- ♦ In **Himachal Pradesh**, provide drainage in the fields of vegetables and fruit orchards. Remove weeds and lower leaves from tomato plants to reduce the occurrence of soil-borne diseases. Strengthen the support for creepers and tall vegetable crops (tomato, capsicum etc.). Harvest matured fruits of plum, pear, stone fruit and keep in safe places to minimize losses due to heavy rains. In **Mandi district**, postpone sowing of maize and transplanting of rice. Drain out excess water from rice nurseries and already sown maize field.
- ♦ **Punjab** - Drain out excess water from cotton, maize fields and orchards.

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- ♦ **West Uttar Pradesh**, postpone sowing of maize. Drain out excess water from already sown maize, rice nurseries, vegetables, pigeon pea and sugarcane. Tie the sugarcane plants together to avoid lodging. In **East Uttar Pradesh**, postpone sowing of pigeon pea and black gram. Drain out excess water from vegetables, late sown rice, nurseries groundnut, green gram and maize.
- ♦ In **Chhattisgarh**, ensure proper drainage in rice nurseries.
- ♦ In **Gujarat** make necessary arrangements to drain out excess water in already sown rice nurseries, sugarcane fields, banana and mango plantations to prevent waterlogging. Provide support to sugarcane and banana to prevent lodging. In **Saurashtra & Kutch**, drain out excess rain water from vegetable nurseries and horticultural plantations. Undertake propping in sugarcane with strong bamboo or tie the leaves together in a clump to protect against wind and heavy rain.
- ♦ In **Konkan & Goa**, make arrangements to drain out excess water from rice nurseries, fields of finger millet, groundnut and orchards to prevent waterlogging. In **ghat areas of Madhya Maharashtra**, drain out excess water from rice nurseries, vegetables and orchards to prevent waterlogging.
- ♦ In **West Madhya Pradesh**, postpone harvesting of maize. Postpone sowing of pearl millet, soybean, pigeon pea and paddy nurseries. Make necessary arrangements to drain out excess water from vegetables and orchards to avoid waterlogging. In **East Madhya Pradesh**, keep the harvested produce of maize, green gram and black gram in safe places. Ensure proper drainage in already sown / transplanted fields.
- ♦ In **Kerala**, ensure proper drainage facilities in rice nurseries, transplanted rice fields, coconut and banana plantations to prevent water logging. Undertake propping in banana to protect the plants from heavy rains.

Livestock / Fishery

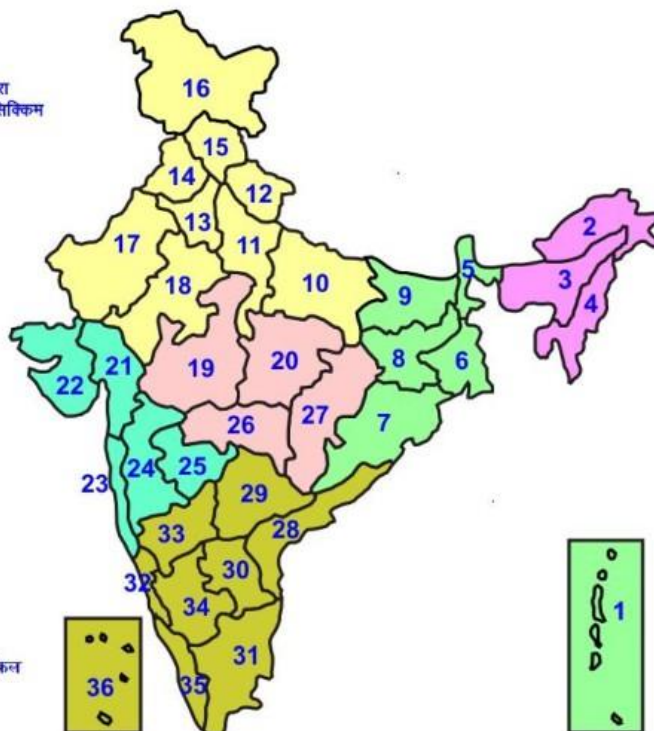
- ♦ Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- ♦ Store feed and fodder in a safe place to prevent spoilage.
- ♦ Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

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

- ♦ 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

- 1 अंडमान और निकोबार द्वीप समुह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 पश्चिम बंगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडीगढ़ एवं दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू एवं कश्मीर एवं लद्दाख
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात क्षेत्र
- 22 सौराष्ट्र एवं कच्छ
- 23 कोंकण एवं गोवा
- 24 मध्य महाराष्ट्र
- 25 मराठावाड़ा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं यनम
- 29 तेलंगाना
- 30 रायलसेमा
- 31 तमिलनाडु, पुदुचेरी एवं कराईकल
- 32 तटिय कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक दक्षिणी कर्नाटक
- 35 केरल एवं माहे
- 36 लक्षद्वीप



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic West Bengal
7. Orissa
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chd & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Marathwada
26. Vidharbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. Lakshadweep

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 Widespread (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


 Very Heavy Rain

 Hailstorm

 Heat Wave

 Cold Day

 Extremely Heavy Rain


 Dust Storm

 Hot Day

 Ground Frost

 Heavy Snow

 Dust Raising Winds

 Warm Night

 Fog

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LEGENDS

WARNING

WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

Probabilistic Forecast

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



Heavy: 64.5 to 115.5 mm/cm *
Very Heavy: 115.6 to 204.4 mm/cm *
Extremely Heavy: > 204.4 mm/cm *



When maximum temperature of a station reaches $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ for hilly regions
(a) Based on Departure from normal

Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C .
Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$

(b). Based on Actual maximum temperature

Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$.
Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$

(c). Criteria for heat wave for coastal stations

When maximum temperature departure is $> 4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$



When maximum temperature remains 40°C

Warm Night: When minimum temperature departure 4.5°C to 6.4°C .
Severe Warm Night: When minimum temperature departure $> 6.4^{\circ}\text{C}$.



When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions.

(a). Based on departure

Cold Wave: Minimum Temperature Departure from normal -4.5°C to -6.4°C .
Severe Cold Wave: Minimum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$

(b) Based on actual Minimum Temperature (for Plains only)

Cold Wave: When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$
Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$

(c) For Coastal Stations

When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$



When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions
Based on departure

Cold Day: Maximum Temperature Departure from normal -4.5°C to -6.4°C .
Severe Cold Day: Maximum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$



Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$

Moderate Fog: When the visibility between 500-200 metres
Dense Fog: when the visibility between 50-200 metres
Very Dense Fog: when the visibility < 50 metres



Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)



An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.



Ice deposits on ground

Air temperature $\leq 4^{\circ}\text{C}$ (over Plains)



A strong wind that rises suddenly, lasts for at least 1 minute.

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 over specific area

Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre
High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre
Phenomenal: Wind speed > 117 kmph (> 63 knots) & Wave height > 14 metre



Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots)

Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)

Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64-89 knots)

Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90-119 knots)

Super Cyclone Storm: Wind speed > 220 kmph (> 119 knots)

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