

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 Madhya Pradesh on 23rd June.**
- Isolated **heavy to very heavy rainfall** also likely to continue over Madhya Pradesh during 23rd -27th June.
- Isolated **heavy rainfall** over Sub-Himalayan West Bengal & Sikkim, Bihar during 23rd -24th; ;Jharkhand on 24th & 25th; Odisha on 24th & 25th; Gangetic West Bengal during 24th-26th; Vidarbha during 24th-27th; Chhattisgarh during 24th-27th June with **very heavy rainfall** over Chhattisgarh on 24th June.
- Light/moderate rainfall at most/many places accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Andaman & Nicobar Islands; Madhya Pradesh, Vidarbha, Chhattisgarh, Gangetic West Bengal, Bihar, Jharkhand, Odisha during 23rd -27th June.

West India:

- Isolated **heavy to very heavy rainfall** likely over Konkan & Goa, Madhya Maharashtra, Gujarat state during 23rd -27th June.
- Light/moderate rainfall at most/many places likely over Gujarat State, Konkan & Goa, Madhya Maharashtra, Marathwada during 23rd - 27th June.

Northwest India:

- Isolated **heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, East Rajasthan during 23rd -27th; Punjab, Haryana, Chandigarh during 23rd -26th; Uttar Pradesh during 23rd -24th; with **very heavy rainfall** over East Rajasthan on 23rd; Uttar Pradesh on 23rd; Himachal Pradesh, Uttarakhand during 23rd -25th June.
- Light/moderate rainfall at most/many places accompanied with **thunderstorm, lightning & gusty winds speed reaching 30-40 kmph** likely over Northwest India during 23rd -27th June.

Northeast India:

- Light/moderate rainfall at many/most places accompanied with **thunderstorm, lightning and isolated heavy to very heavy rainfall** likely to continue over Northeast India during next 7 days.

South Peninsular India:

- Isolated **heavy rainfall** likely over Kerala & Mahe during 23rd -27th; Coastal Karnataka during 23rd -25th; South Interior Karnataka during 23rd-25th June.
- Light/moderate rainfall at many/some places over Kerala & Mahe, Lakshadweep, Coastal Karnataka; isolated to scattered rainfall accompanied with isolated **thunderstorm, lightning** over Coastal Andhra Pradesh & Yanam, Telangana, Interior Karnataka during 23rd -25th June.

Hot & Humid Conditions warnings:

- **Hot & Humid conditions** very likely in isolated pockets of Coastal Andhra Pradesh & Yanam, Rayalaseema during 23rd -24th June.

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0530 hours IST of today): **at most places** over West Madhya Pradesh, Vidarbha, Himachal Pradesh, East Rajasthan, Assam & Meghalaya, Jharkhand, Saurashtra & Kutch, Kerala & Mahe, Coastal Karnataka, Gangetic West Bengal, East Uttar Pradesh, Konkan & Goa, Uttarakhand, South Interior Karnataka, Chhattisgarh, Andaman & Nicobar Islands and Sub-himalayan West Bengal & Sikkim; **at many places** over West Rajasthan, Nagaland, Manipur, Mizoram & Tripura, North Interior Karnataka, Rayalaseema, Telangana, Coastal Andhra Pradesh & Yanam, Madhya Maharashtra, East Madhya Pradesh, Jammu & Kashmir and Ladakh, Gujarat Region, Punjab, Bihar, Tamilnadu Puducherry & Karaikal, Odisha and Lakshadweep; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): West madhya pradesh: Guna (dist Guna) 13, Gwalior (dist Gwalior) 3, Bhopal-arera Hills (dist Bhopal) 2; **Jharkhand**: Ranchi AP (dist Ranchi) 10, Jamshedpur AP (dist East Singhbhum) 2; Kerala & mahe: Cannanore (kannur) (dist Kannur) 7, Kozhikode (calicut) (dist Kozhikode) 6, Kochi (cochin) (dist Ernakulam) 4; Coastal karnataka: Mangalore (bajpe) AP (dist Dakshina Kannada) 7; Gujarat region: Surat (dist Surat) 5; Gangetic west bengal: Digha (dist North 24 Parganas) 5; East uttar pradesh: Bahraich (dist Bahraich) 4; Konkan & goa : Panjim (dist North Goa) 4; Saurashtra & kutch: Porbandar AP (dist Porbandar) 4, Rajkot AP (dist Rajkot) 3, Veraval (dist Gir Somnath) 2; **Punjab**: Amritsar (rajasansi) AP (dist Amritsar) 4; **Bihar**: Bhagalpur (dist Bhagalpur) 3; South interior karnataka: Chitradurga (dist Chitradurga) 2; Tamilnadu puducherry & karaikal: Chennai (nungambakkam) (dist Chennai), Adiramapatnam (dist Thanjavur) 2 Each; **Chhattisgarh**: Jagdalpur (dist Bastar) 2; Andaman & nicobar islands: Port Blair (dist South Andaman) 2; **Odisha**: Paradip Port (dist Jagatsinghapur) 2; Sub-himalayan west bengal & sikkim: Malda (dist Malda) 2; **Uttarakhand**: Dehra Dun-mokampur (dist Dehradun) 2.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Heavy to very heavy rain** at isolated places over West Madhya Pradesh **Heavy rain** at most places over Coastal Karnataka, at a few places over Jharkhand, at isolated places over Kerala & Mahe

❖ **Minimum Temperature Departures (as on 22-06-2025): markedly above normal(> 5.1°C)** at many places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at few places over Assam & Meghalaya; at isolated places over Odisha, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, East Madhya Pradesh and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at few places over Sub Himalayan West Bengal & Sikkim and Gujarat Region; at isolated places over Gangetic West Bengal, Haryana-Chandigarh-Delhi, Punjab, West Rajasthan, West Madhya Pradesh, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Uttarakhand; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Chhattisgarh and Rayalaseema. **near normal(-1.5°C to 1.5°C)** at many places over Telangana and Lakshadweep; at most places over Andaman & Nicobar Islands, Arunachal Pradesh, Jharkhand, Konkan & Goa, Marathwada, Vidarbha, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe; at few places over East Rajasthan. **The lowest minimum temperature** of 18.8°C was reported at MATHERAN (MAHARASHTRA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 22-06-2025): markedly above normal(> 5.1°C)** at isolated places over Odisha. **appreciably above normal(3.1°C to 5.0°C)** at few places over Arunachal Pradesh; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Himachal Pradesh and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad. **above normal(1.6°C to 3.0°C)** at few places over Rayalaseema and Tamil Nadu, Puducherry & Karaikal; at isolated places over Konkan & Goa, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over East Uttar Pradesh, Madhya Maharashtra, Marathwada, Coastal Karnataka and South Interior Karnataka; at most places over Bihar, West Rajasthan, North Interior Karnataka and Lakshadweep; at few places over Gangetic West Bengal, Jharkhand and West Uttar Pradesh; at isolated places over Andaman & Nicobar Islands, Uttarakhand, East Rajasthan, Gujarat Region and Saurashtra & Kutch. **The highest maximum temperature** of 42.9°C was reported at SRIGANGANAGAR (RAJASTHAN).

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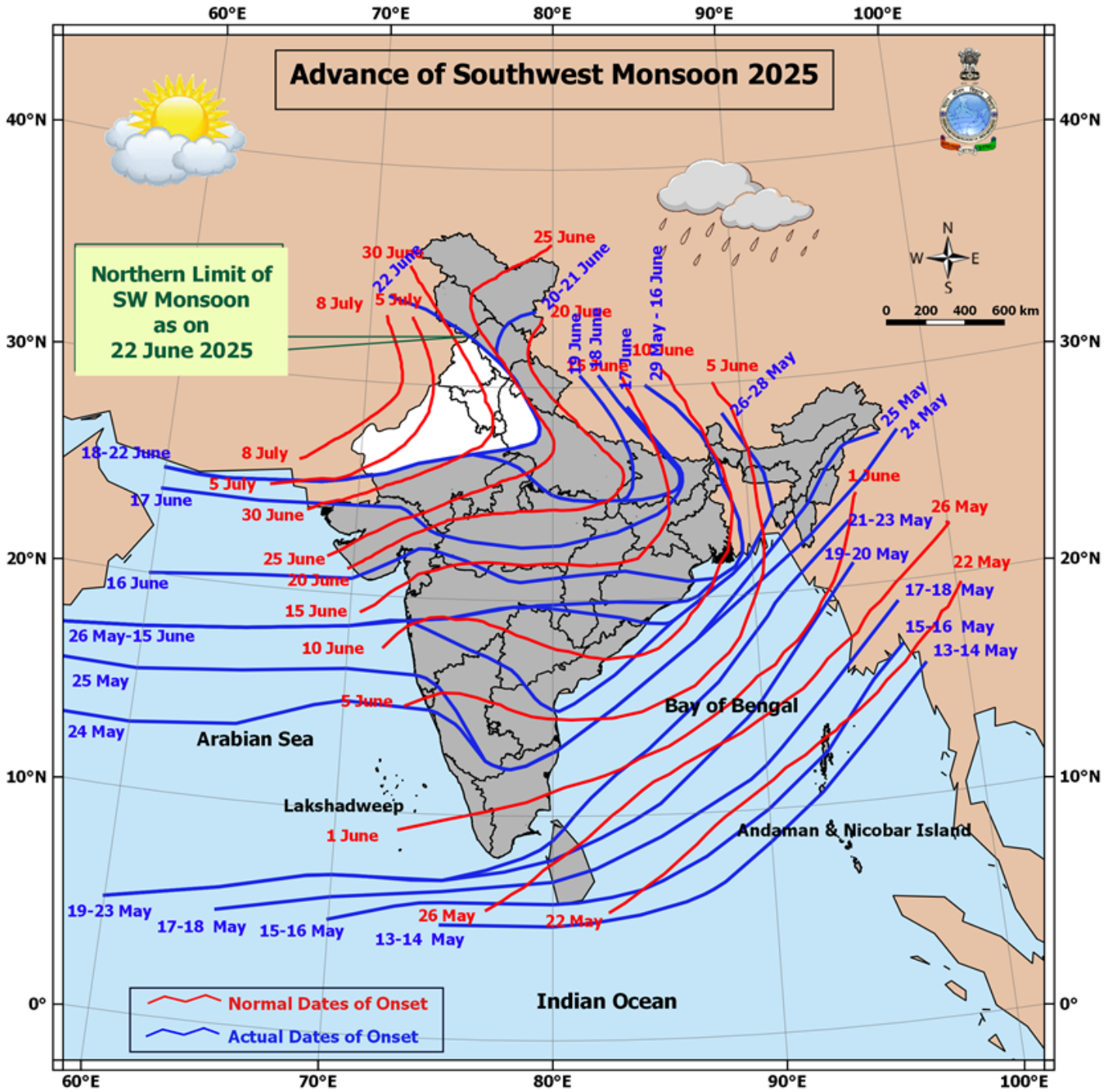
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Meteorological Analysis (Based on 0530 hours IST)

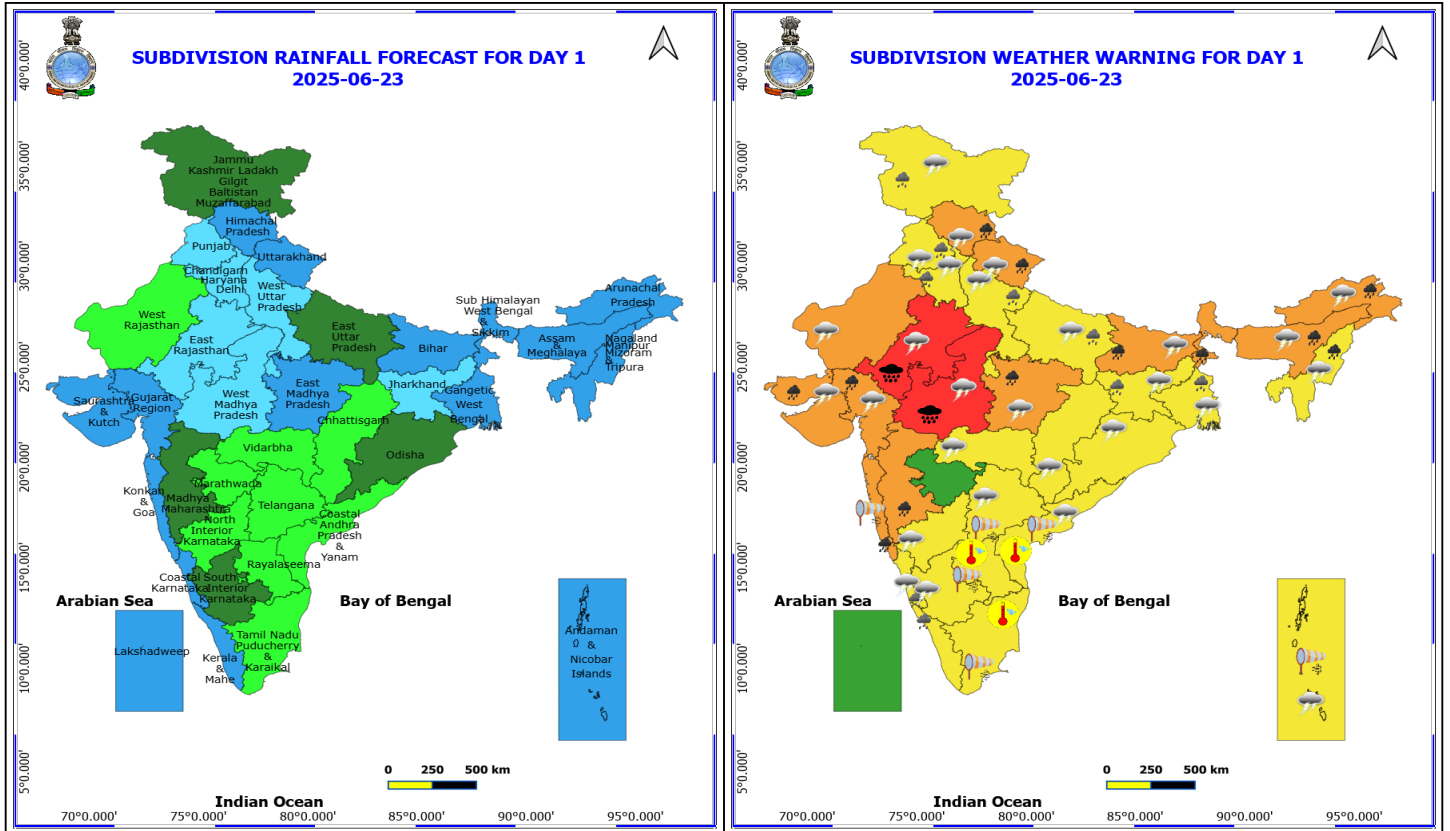
- The Northern Limit of Monsoon continues to pass through 25.0°N/60.0°E, 25.0°N/65.0°E, 25.5°N/70.0°E, Jaipur, Agra, Rampur, Dehradun, Shimla, Pathankot, Jammu, and 33.5°N/73.0°E and 34.0°N/71.0°E
- Conditions are favourable for further advance of Southwest monsoon over remaining parts of North Arabian Sea, some more parts of Rajasthan, Punjab, some parts of Haryana, Chandigarh and Delhi, remaining parts of West Uttar Pradesh, Himachal Pradesh and remaining parts of Jammu during next 2 days.
- The **low-pressure area** over central parts of south Uttar Pradesh has become less marked. However, the associated upper air cyclonic circulation now lies over southeast Uttar Pradesh & neighbourhood and extends upto 5.8 km above mean sea level tilting southwards with height.
- The **upper air cyclonic circulation** over Bangladesh and adjoining Gangetic West Bengal between 1.5 & 5.8 km above mean sea level tilting southwards with height persists.
- The **east-west shear line/Trough** now runs from Kutch & neighbourhood to above cyclonic circulation over Bangladesh and adjoining Gangetic West Bengal across Madhya Pradesh, cyclonic circulation associated with low pressure area over southeast Uttar Pradesh & neighbourhood and Jharkhand at 3.1 km above mean sea level.
- The other **trough** from now runs from south Punjab to cyclonic circulation over southeast Uttar Pradesh across south Haryana at 0.9 km above mean sea level.
- The **upper air cyclonic circulation** over northeast Assam & neighbourhood at 0.9 km above mean sea level persists.
- An **upper air cyclonic circulation** likely to form over Gangetic West Bengal & neighbourhood around 25th June.

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



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23 June (Day 1)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Gujarat State.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, East Rajasthan, Haryana, Chandigarh & Delhi, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Punjab, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Bihar, Coastal Karnataka, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Uttarakhand and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Coastal Karnataka, East Madhya Pradesh, Interior Karnataka, Jharkhand, Odisha, Rajasthan and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Punjab, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Telangana and Uttar Pradesh.
- ❖ **Strong Surface Winds** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Tamil Nadu Puducherry & Karaikal and Telangana.

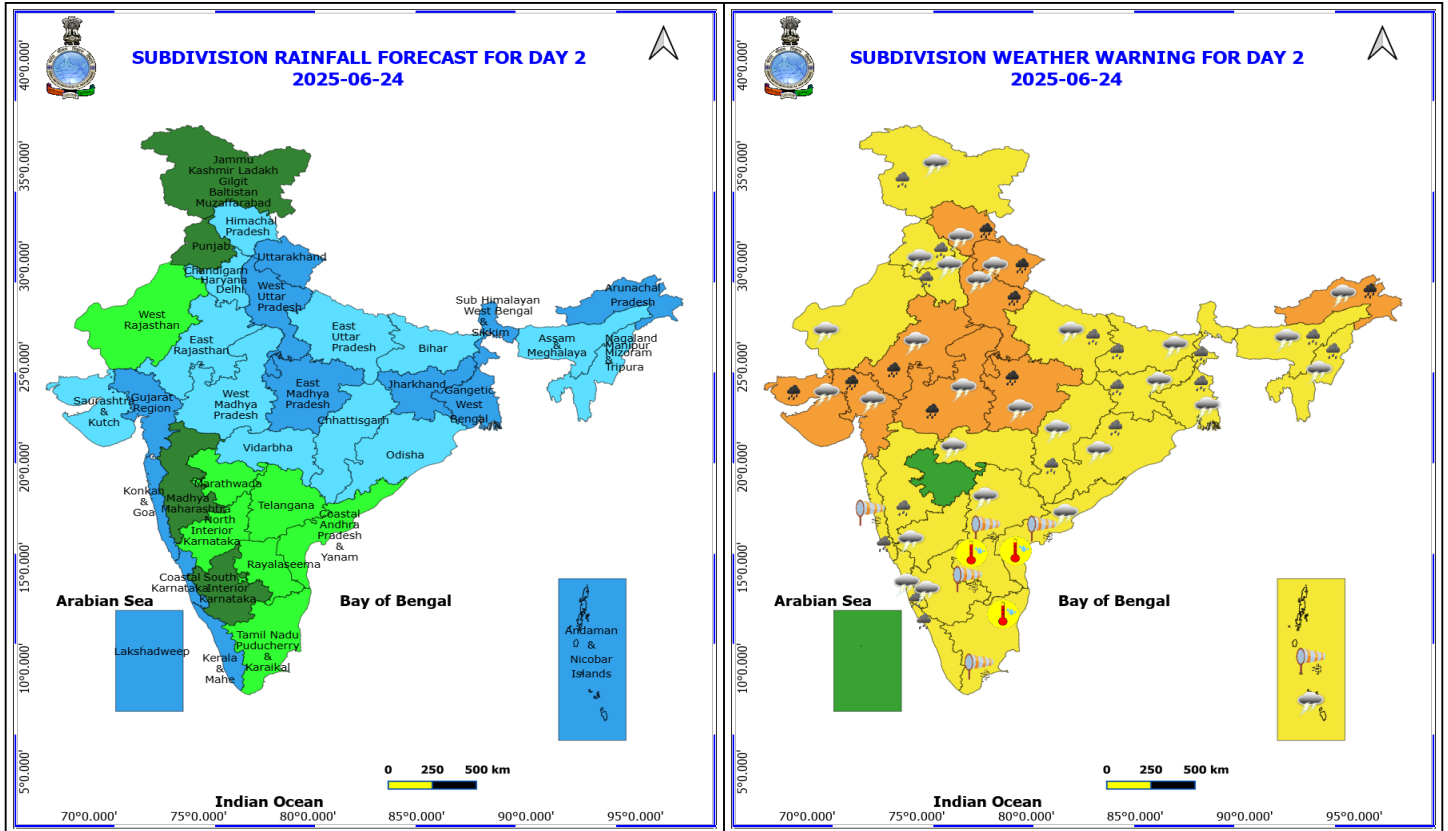
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❖ **Hot and Humid weather** very likely at isolated places over Andhra Pradesh.

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24 June (Day 2)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over East Rajasthan and West Madhya Pradesh.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, East Madhya Pradesh, Gujarat State, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Heavy Rainfall** very likely at isolated places over Costal Karnataka, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Punjab and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Costal Karnataka, Interior Karnataka, Rajasthan and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Telangana, Uttar Pradesh and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Konkan & Goa, Tamil Nadu Puducherry & Karaikal and Telangana.

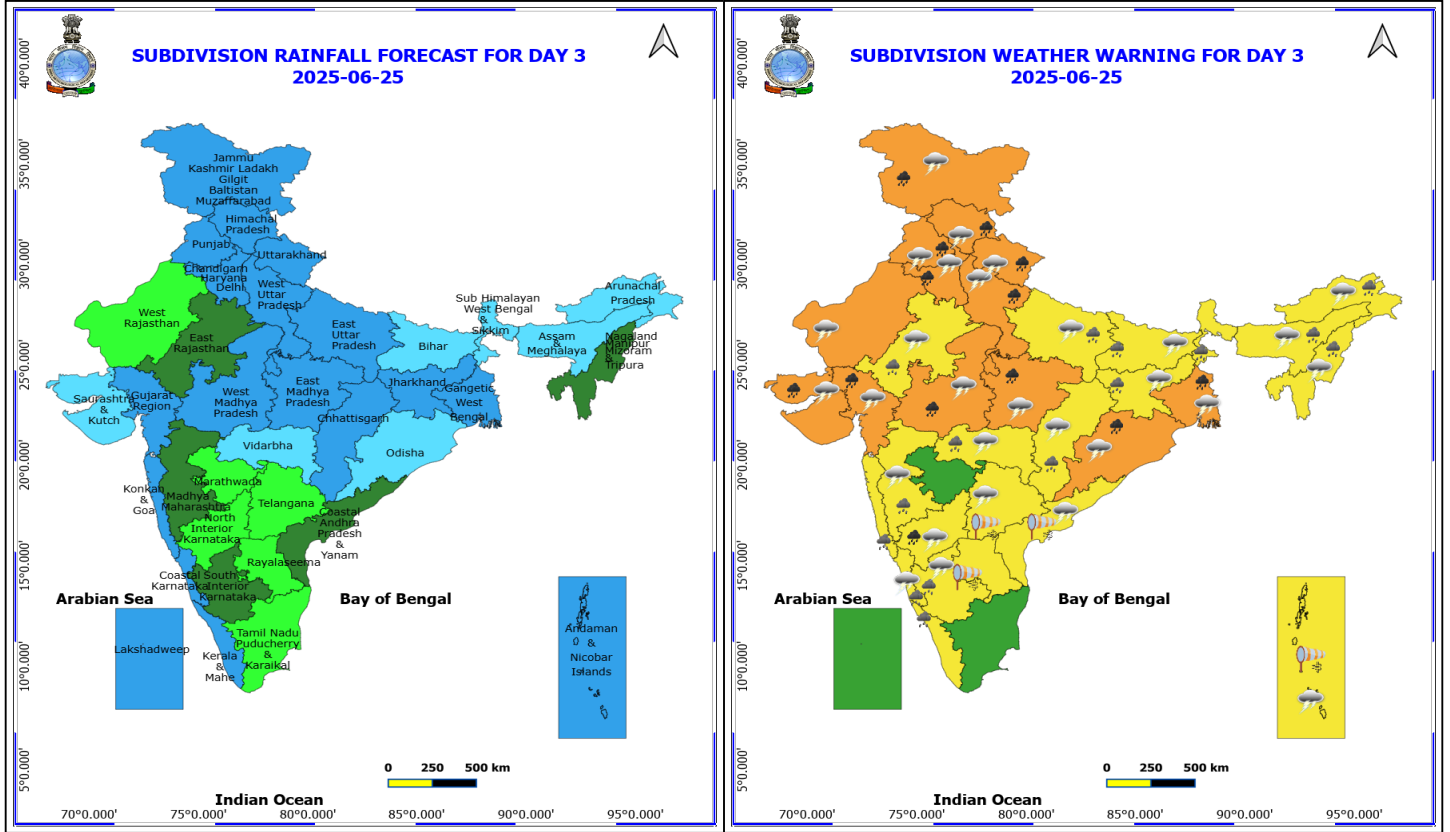
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❖ **Hot and Humid weather** very likely at isolated places over Andhra Pradesh.

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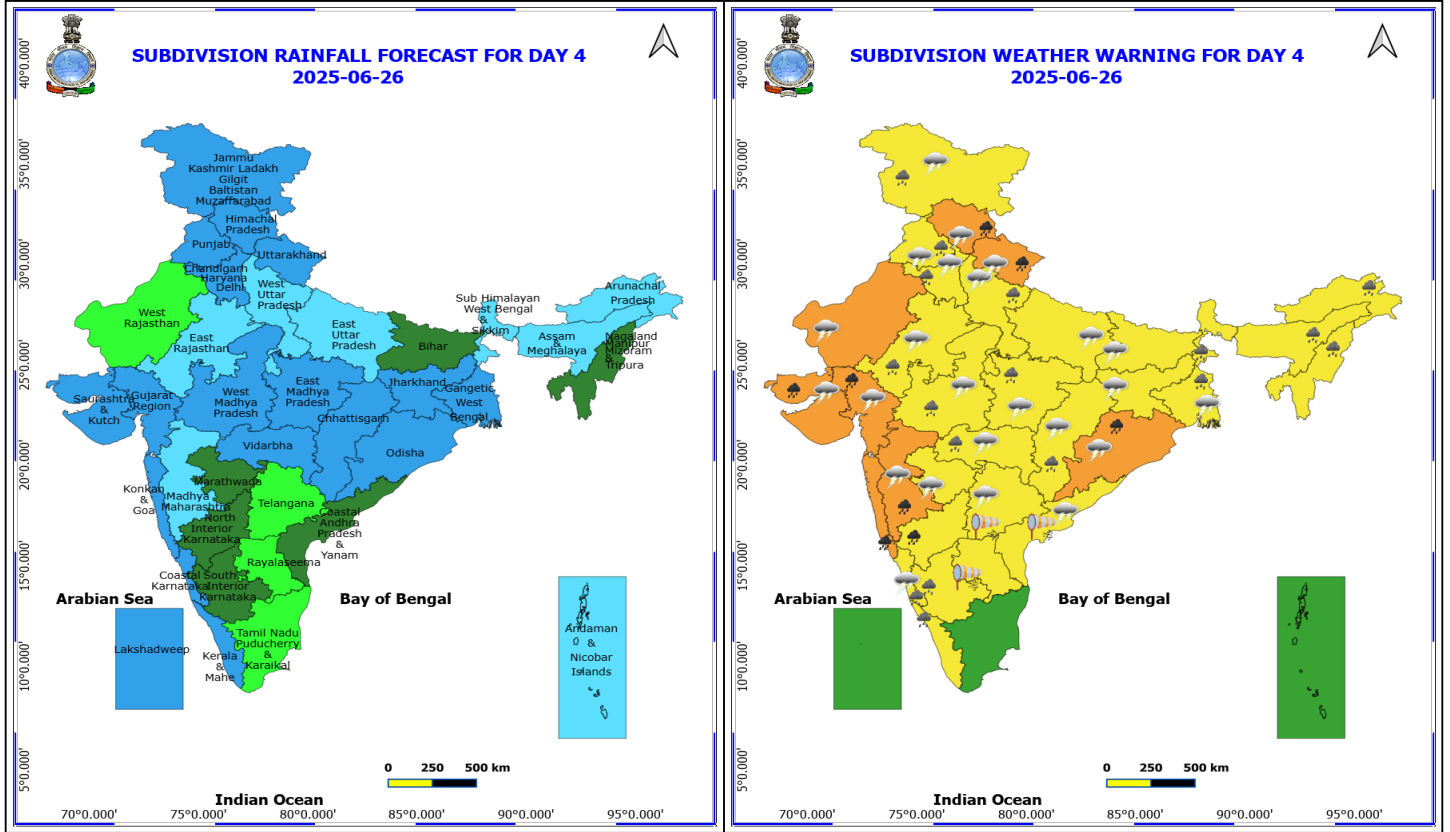
25 June (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, East Rajasthan, Gujarat State, Himachal Pradesh, Madhya Pradesh, Uttarakhand and West Uttar Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Bihar, Chhattisgarh, Coastal Karnataka, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Coastal Karnataka, Gangetic West Bengal, Interior Karnataka, Rajasthan and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Telangana, Uttar Pradesh and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Konkan & Goa, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Hot and Humid weather** very likely at isolated places over Andhra Pradesh.

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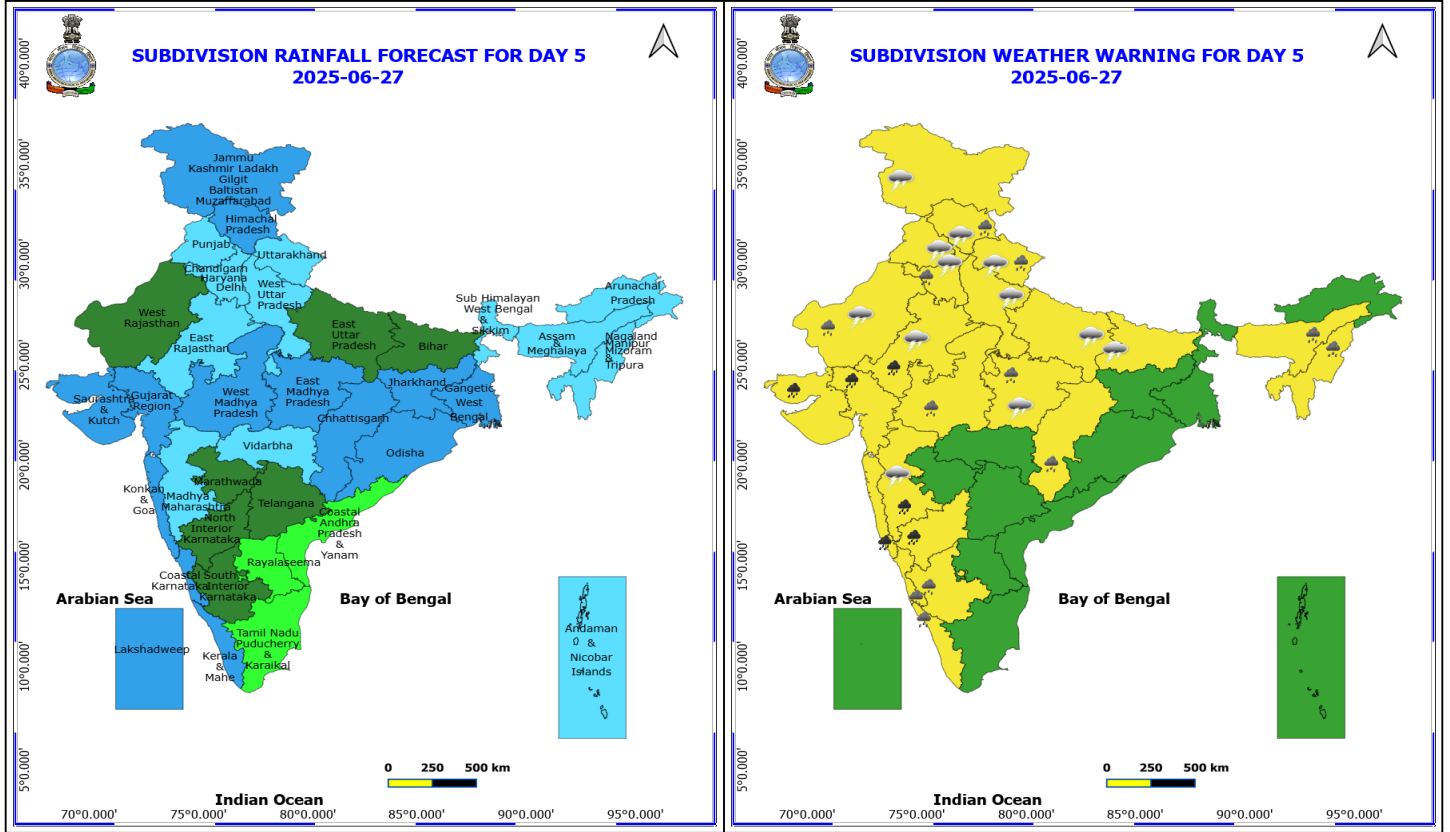
26 June (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Gangetic West Bengal, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, North Interior Karnataka, Odisha, Punjab, Uttarakhand and West Uttar Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Coastal Karnataka, East Rajasthan, East Uttar Pradesh, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Coastal Karnataka, Gangetic West Bengal, Interior Karnataka, Rajasthan and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Telangana, Uttar Pradesh and Vidarbha.
- ❖ **Strong Surface Winds** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh and Telangana.

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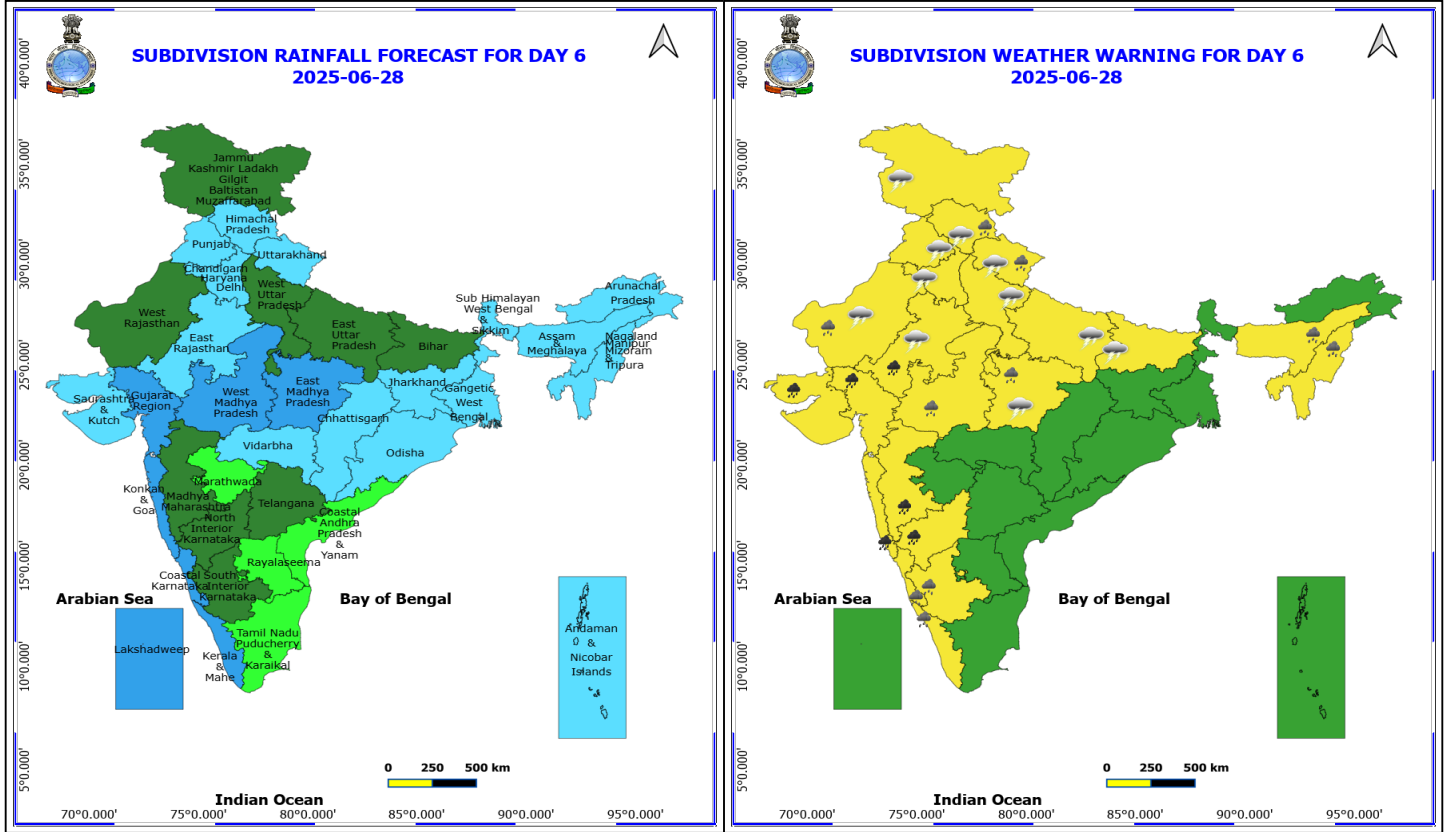
27 June (Day 5)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Gujarat State, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, North Interior Karnataka, Odisha and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Costal Karnataka, East Rajasthan, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Punjab, South Interior Karnataka, Vidarbha, West Bengal & Sikkim and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Costal Karnataka, Gangetic West Bengal, Rajasthan and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Maharashtra, Odisha, Punjab, Telangana and Uttar Pradesh.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh and Telangana.

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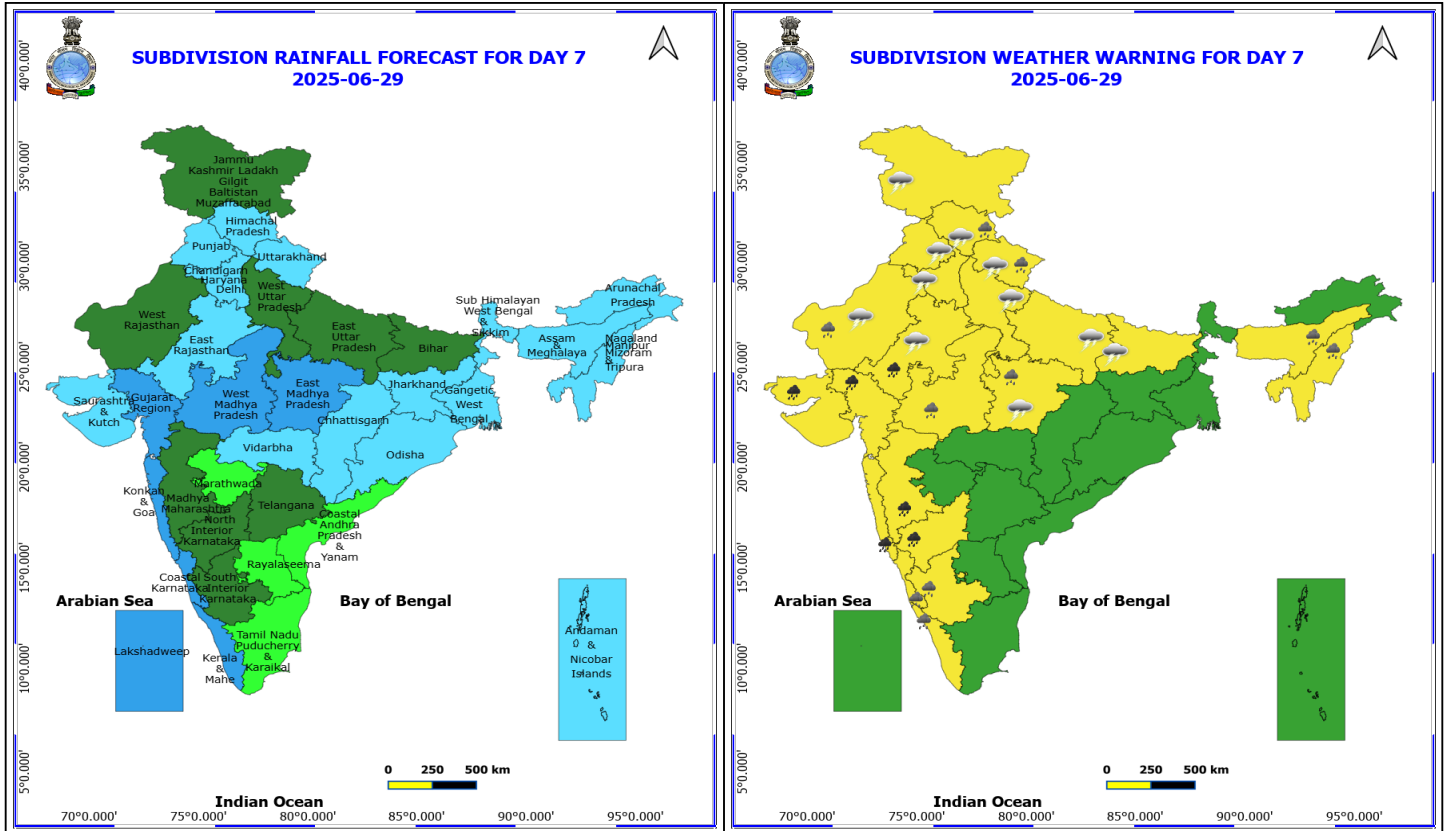
28 June (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over East Rajasthan, Gujarat State, Konkan & Goa, Madhya Maharashtra and North Interior Karnataka.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Costal Karnataka, Haryana, Chandigarh & Delhi, Himachal Pradesh, Kerala & Mahe, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka, Uttarakhand and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over East Madhya Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Madhya Maharashtra, Punjab and Uttar Pradesh.

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29 June (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Gujarat State, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, North Interior Karnataka, Odisha and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Costal Karnataka, East Rajasthan, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Punjab, South Interior Karnataka, Vidarbha, West Bengal & Sikkim and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Costal Karnataka, Gangetic West Bengal, Rajasthan and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Maharashtra, Odisha, Punjab, Telangana and Uttar Pradesh.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh and Telangana.

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**24 hours Outlook for the Flash Flood Risk (FFR) till
0530 IST of 24-06-2025 :**

- Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.
- East Rajasthan - Baran, Bhilwara, Bundi, Chittaurgarh, Jhalawar, Kota and Swaimadhapur districts.
- **West Madhya Pradesh** - Ashoknagar, Guna, Mandsaur, Nimach, Sheopur and Shivpuri 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.

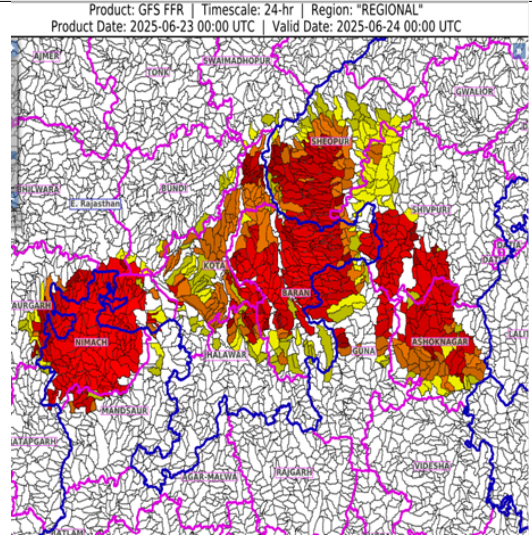




Table-1

7 Days Rainfall Forecast

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

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 2025-06-23

Fig. 2: Departure of Maximum Temp. Dated 2025-06-23

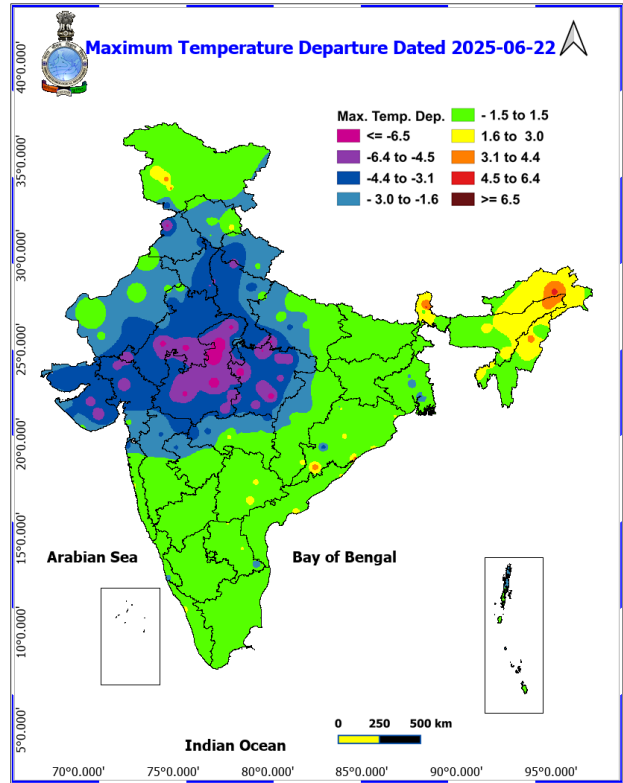
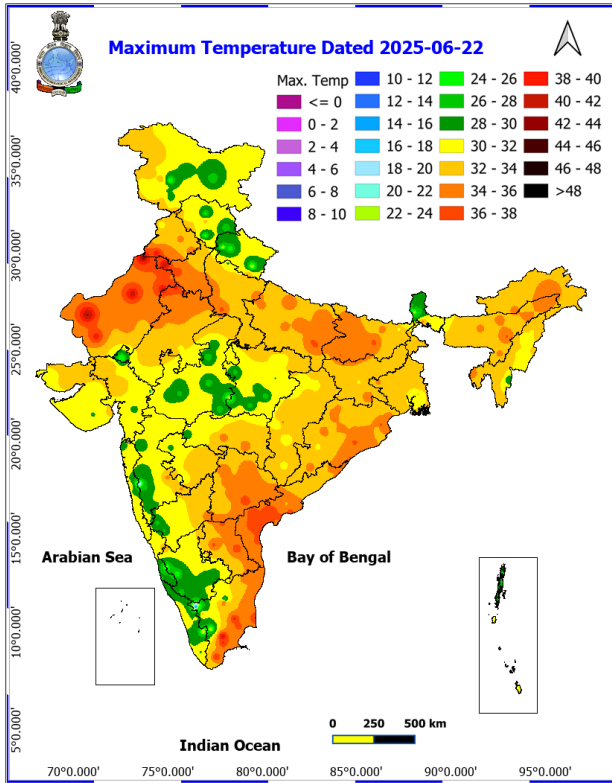
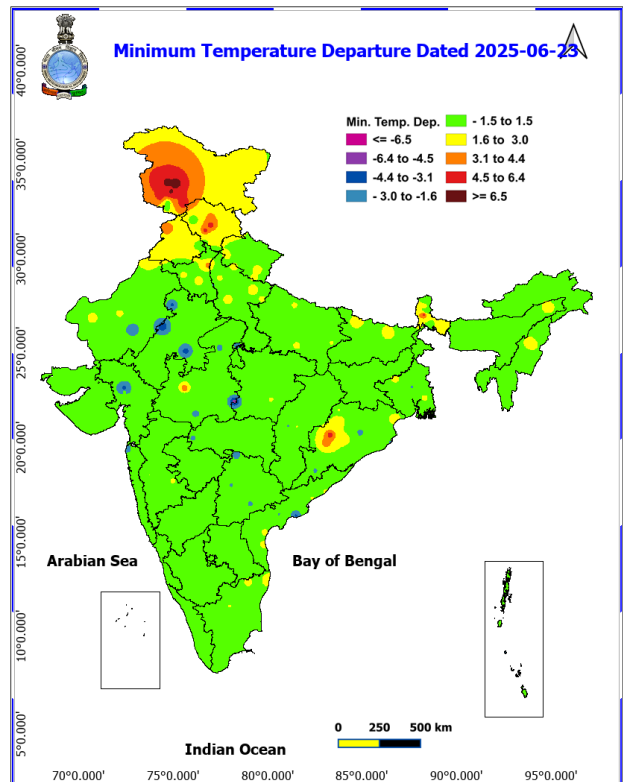
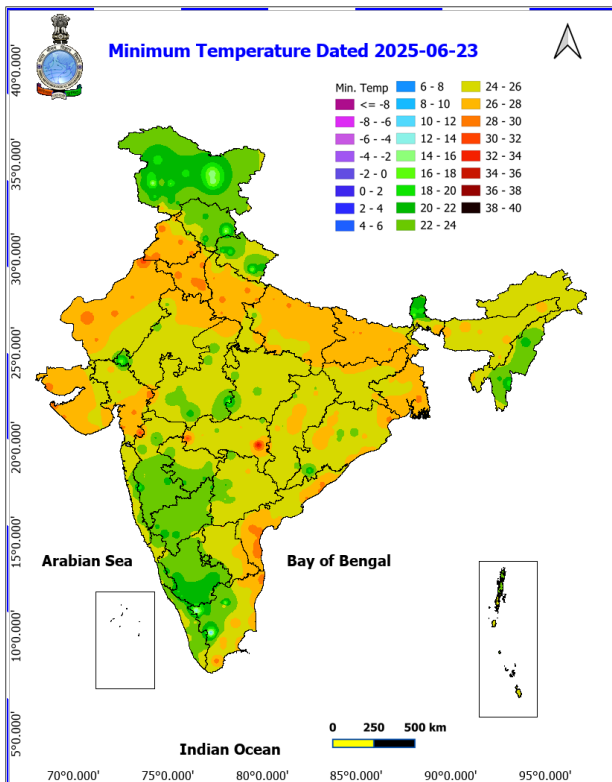
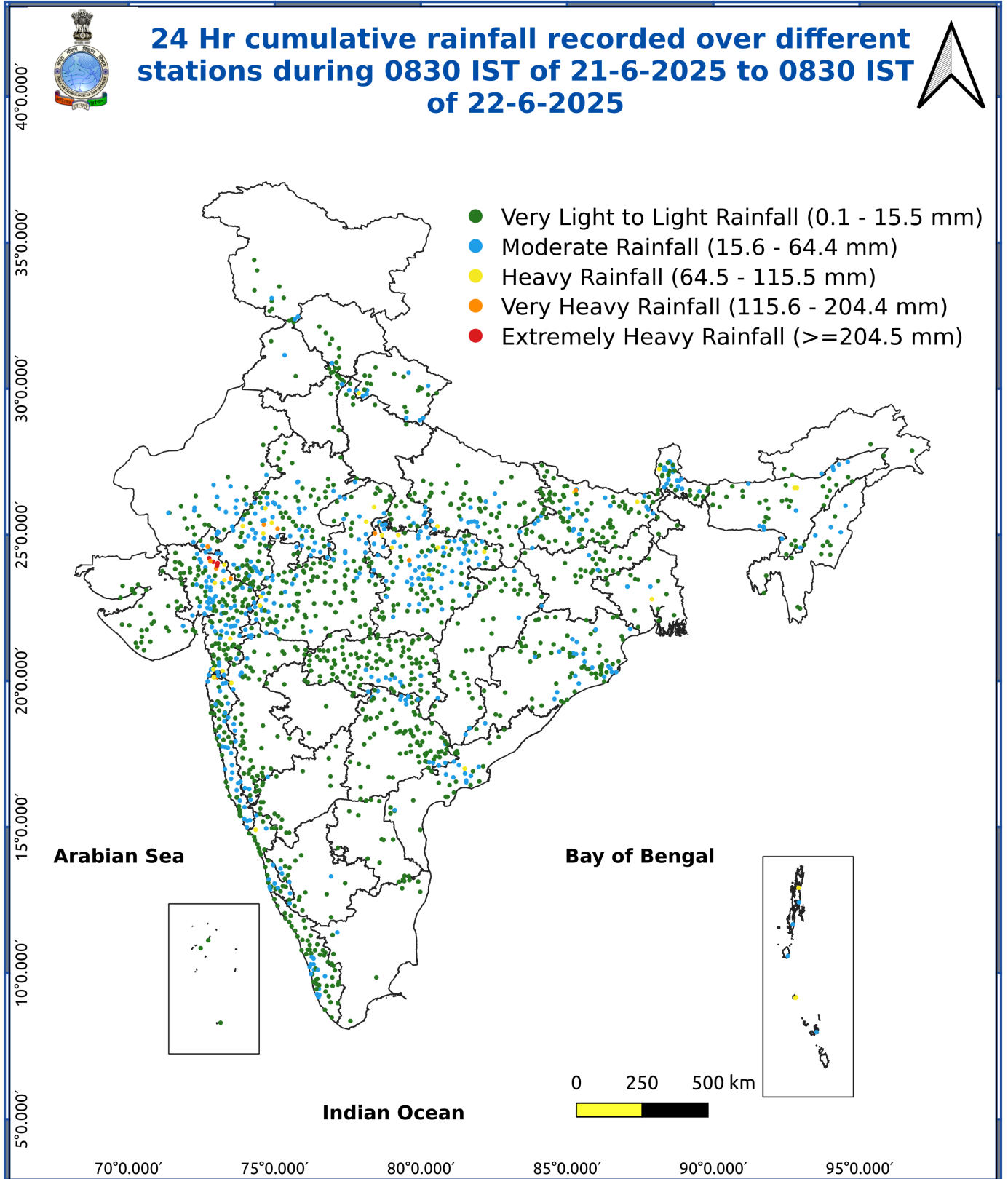


Fig. 3: Minimum Temperatures Dated 2025-06-23

Fig. 4: Departure of Minimum Temp. Dated 2025-06-23





Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over , East Rajasthan on 23rd , West Madhya Pradesh on 23rd & 24th June.

Very heavy rainfall also likely to continue over Sub-Himalayan West Bengal & Sikkim on 23rd, Madhya Pradesh, Himachal Pradesh, Uttarakhand during 23rd -26th, . Konkan & Goa, Madhya Maharashtra, Gujarat state during 23rd -28th Bihar on 23rd, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 25th, Odisha on 25th & 26th, East Rajasthan during 23rd -24th and on 27th & 28th, Haryana on 23rd & 25th, West Uttar Pradesh on 24th & 25th June

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

- In **South Gujarat**, postpone nursery sowing of rice. Ensure proper drainage facilities in already sown rice nurseries, sugarcane fields, banana and mango plantations to prevent waterlogging. Provide support to sugarcane and banana to prevent lodging.
- In **Kymore Plateau and Satpura Hill Zone of East Madhya Pradesh**, harvest matured green gram and black gram crop and store in a safe place. In **Gird Zone of West Madhya Pradesh**, harvest matured maize crop and keep it in safe place. Postpone sowing of soybean and transplanting of chilli, tomato, brinjal etc. and ensure proper drainage in already sown / transplanted fields.
- In **Uttarakhand**, make proper drainage channels in rice nurseries, pigeon pea, groundnut, maize, soybean, barnyard millet and finger millet to avoid waterlogging. In **Bhabar and Tarai Zone of Uttarakhand**, harvest matured spring maize crop and vegetables (pumpkin, tomato, okra, chilli, French bean etc.) and store in safe place.
- In **Sub-Montane and Low Hills Sub-Tropical Zone of Himachal Pradesh**, provide drainage in maize and vegetable fields. Strengthen the support for creepers and tall vegetable crops (tomato, capsicum etc.). In **Mid Hills Sub-Humid Zone of Himachal Pradesh**, harvest matured fruits of plum to minimize losses due to heavy rains. Make proper drainage channels in the fields of maize, cucumber and tomato to avoid waterlogging. Provide support to cucumber vines and tomato plants to prevent lodging.
- In **East Uttar Pradesh**, make necessary arrangement to protect paddy nurseries from the adverse impacts of heavy rainfall. In **West Uttar Pradesh**, make arrangement to drain out excess water from the fields of pigeon pea and vegetables. Provide support to bottle gourd vegetables.
- In **East Rajasthan**, harvest the matured vegetables such as okra and cucurbits and store them in safe place. Make arrangement for draining out excess water from the fields of groundnut and green gram crop.
- In **Konkan & Goa** make arrangement 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 and banana plantations

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prevent waterlogging.

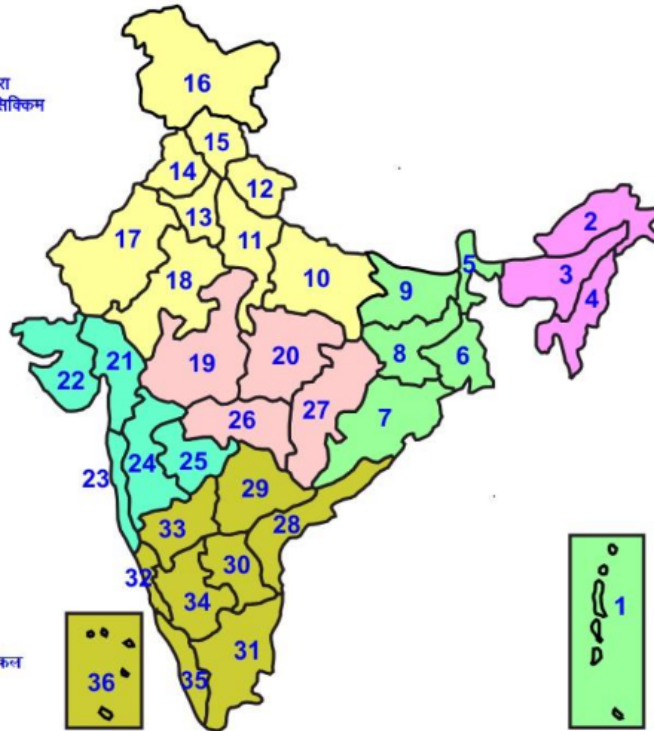
- In **North Chhattisgarh**, ensure proper drainage in rice nurseries.
- In **Assam**, keep the harvested produce of sesame, foxtail millet, *Boro* rice, banana and citrus at safer places. Ensure proper drainage in *Sali* rice nursery, maize and sugarcane fields, arecanut and coconut plantations to prevent waterlogging. In **Barak Valley Zone** of **Assam**, postpone nursery sowing of *Sali* rice.
- In **Meghalaya**, postpone nursery sowing of rice especially in valleys. Ensure proper drainage in the fields of maize, ginger, French bean, cowpea, vegetables and around rice nurseries to prevent waterlogging. Provide strong bamboo stakes or trellis support to cow pea, cucumber and bottle gourd to prevent vines from trailing on wet ground. Provide support to banana plant to prevent lodging.
- In **Arunachal Pradesh**, keep the harvested produce of soybean and vegetables such as chilli and okra at a safer place. Ensure proper drainage in rice nurseries, kiwi and apple orchards to avoid waterlogging.
- In **Nagaland**, avoid transplanting of TRC/WRC rice. Postpone sowing of soybean. Provide proper staking to vine type plants.
- In **Tripura**, use sandbags to protect seedbeds of *Aus* paddy from waterlogging. Provide support to banana, papaya and young fruit plants to prevent lodging.
- In **Sub-Himalayan West Bengal**, maintain proper drainage channels in rice nurseries and fields of jute and ginger to avoid water stagnation.
- In **Jharkhand**, make necessary arrangements to drain out excess water from maize fields, rice and vegetable nurseries.

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.

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 चंडिगढ़ 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 मराठावाडा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं यनम
- 29 तेलंगाना
- 30 रायलसीमा
- 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. Marathawada
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 | Very Heavy Rain | Extremely Heavy Rain | Heavy Snow |
| Thunderstorm & Lightning | Hailstorm | Dust Storm | Dust Raising Winds |
| Strong surface winds | Heat Wave | Hot Day | Warm Night |
| Cold Wave | Cold Day | Ground Frost | Fog |
| Hot & Humid | | | |

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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 atleast 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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