

2025-06-30

Time of Issue: 14:23:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings

East & Central India:

Isolated heavy rainfall over Jharkhand, Sub-Himalayan West Bengal & Sikkim, Madhya Pradesh, Chhattisgarh during 30th June-06th July; Bihar, Odisha during 30th June-04th July; Vidarbha, Gangetic West Bengal on 30th June, 01st July and during 04th-06th July with very heavy rainfall over Madhya Pradesh on 30th June, 01st, 04th & 05th July; East Madhya Pradesh, Chhattisgarh 30th June, 01st, 03rd & 04th July; Bihar during 30th June-02nd July, Gangetic West Bengal, Jharkhand on 30th June; Odisha during 30th June-03rd July.

Light/moderate rainfall at most/many places accompanied with thunderstorm, lightning & gusty winds speed reaching 30-40 kmph likely over the region during next 7 days.

Northwest India:

Isolated heavy rainfall likely over Himachal Pradesh, Uttarakhand, Uttar Pradesh, Punjab, East Rajasthan during 30th June-06th July; Haryana & Chandigarh during 30th June-02nd July and 05th & 06th July; West Rajasthan during 03rd-06th July with very heavy rainfall over Uttarakhand, West Uttar Pradesh on 30th June & 01st July; Himachal Pradesh, Punjab, Haryana on 30th June and East Rajasthan on 05th July.

Light/moderate rainfall at most/many places accompanied with thunderstorm, lightning & gusty winds speed reaching 30-40 kmph likely over Northwest India during next 7 days.

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.

Northeast India:

Light/moderate rainfall at most places accompanied with thunderstorm, lightning and isolated heavy rainfall likely to continue over Northeast India during next 7 days with very heavy rainfall over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura on 02nd & 03rd and Assam & Meghalaya on 06th July.

South Peninsular India:

Isolated heavy rainfall likely over Coastal Andhra Pradesh, Telangana on 30th June; Kerala & Mahe during 02nd-04th July, Coastal Karnataka during 30th June-06th July; Interior Karnataka during 03rd-05th July.

Strong surface winds (speed reaching 40-50 kmph) very likely over South Peninsular India during next 7 days.

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, Rayalaseema during next 7 days.

Hot & Humid Weather warning:

Hot & humid weather is likely to prevail over Tamil Nadu, Puducherry & Karaikal and Rayalaseema during 30th June-02nd July.

Main Weather Observations:

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

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **West Madhya Pradesh:** Pathari (dist Vidisha) 18; Badoda (dist Sheopur) 12; Timarni (dist Harda) 8; Gwalior (dist Gwalior) 7; **West Uttar Pradesh:** Mawana (dist Meerut) 18; Jalesar (dist Etah) 17; Gunnaur (dist Sambhal) 16; Bijnor (dist Bijnor) 14; Muzaffarnagar(t) (dist Muzaffarnagar), Jansath (dist Muzaffarnagar), Hathras (dist Hathras), Meerut (dist Meerut), Bilari (dist Moradabad) 12 Each; Dhampur (dist Bijnor), Sadabad (dist Hathras), Sambhal (dist Sambhal) 11 Each; Chandpur (dist Bijnor), Aligarh (dist Aligarh), Karhal (dist Mainpuri) 9 Each; Meerut Teh (dist Meerut), Agra (CWC) (dist Agra), Najibabad (t) (dist Bijnor), Anupshahr (dist Bulandshahr) 8 Each; Atrauli (dist Aligarh), Aliganj (dist Etah), Amroha (dist Amroha) 7 Each; **Uttarakhand:** Deoprayag (dist Garhwal Tehri) 17; Barkot (dist Uttarkashi) 11; Purola (dist Uttarkashi), Dhanaulti (dist Garhwal Tehri) 10 Each; Landsdown (dist Garhwal Pauri) 8; Tehri (CWC) (dist Garhwal Tehri), Bhatwari (dist Uttarkashi), Uttar Kashi (dist Uttarkashi), Dehra Dun (dist Dehradun) 7 Each; **Jharkhand:** Boram (dist East Singhbhum) 14; Patamda (dist East Singhbhum) 12; Gurabandha (dist East Singhbhum) 9; Ramgarh(bdo) (dist Ramgarh), Bau Kanke (dist Ranchi) 7 Each; **Odisha:** Jamda (dist Mayurbhanj) 13; Sarasakana (dist Mayurbhanj) 11; Tensa (dist Sundargarh) 10; Karanjia (dist Mayurbhanj), Kusumi (dist Mayurbhanj) 8 Each; Joda (dist Keonjhar), Bargaon (dist Sundargarh), Kotraguda (dist Rayagada), Kotpad (dist Koraput), Th Rampur (dist Kalahandi), Bahalda (dist Mayurbhanj), Balisankara (dist Sundargarh) 7 Each; **Himachal Pradesh:** Pandoh (dist Mandi), Mandi (dist Mandi) 12 Each; Palampur (dist Kangra) 8; Chuari (dist Chamba) 7; **East Madhya Pradesh:** Gaurihar (dist Chhatarpur) 11; Orchha (dist Niwari), Lalburra (dist Balaghat) 9 Each; Lidhora (dist Tikamgarh) 8; Khurai (dist Sagar) 7; **Chhattisgarh:** Arjunda (dist Balod) 11; Gangalur (dist Bijapur) 10; Gundardehi (dist Balod), Gurur (dist Balod), Bastanar (dist Bastar) 7 Each; **Bihar:** Maharajganj (dist Siwan) 11; Nabinagar (dist Aurangabad) 7; **Nagaland, Manipur, Mizoram & Tripura:** Lengpui (dist Aizawl) 10; **East Uttar Pradesh:** Uska Bazar Fmo (dist Siddharth Nagar) 10; Nanpara (dist Bahraich), Fatehgarh (dist Farrukhabad) 9 Each; Ramnagar (dist Barabanki), Bansi Tehsil (dist Siddharth Nagar) 7 Each; **Gangetic West Bengal:** Purihansa (dist Purulia) 10; Burnpur (dist Paschim Bardhaman) 9; **Gujarat Region:** Kadi (dist Mehsana) 9; Viramgam (dist Ahmedabad) 8; **Vidarbha:** Chamorshi (dist Gadchiroli) 8; Mul (dist Chandrapur) 7; **West Rajasthan:** Pungal SR (dist Bikaner), Churu Tehsil SR (dist Churu), Dungargarh (dist Bikaner), Churu (dist Churu) 8 Each; Taranagar/reni (dist Churu), Sayla SR (dist Jalore) 7 Each; **Haryana-Chandigarh-Delhi:** Jagadhari (dist Yamuna Nagar) 8; Chandigarh (dist Chandigarh) 7; **Assam & Meghalaya:** Jowai (dist West Jaintia Hills) 7; **East Rajasthan:** Malakhera SR (dist Alwar), Kumher SR (dist Bharatpur) 7 Each; **Andaman & Nicobar Islands:** Port Blair (dist South Andaman) 7.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heavy to very heavy rain** at isolated places over Odisha, Jharkhand, Bihar, West Uttar Pradesh, Uttarakhand, Himachal Pradesh and West Madhya Pradesh. **Heavy rain** at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, East Uttar Pradesh, Haryana-Chandigarh-Delhi, West Rajasthan, East Rajasthan, East Madhya Pradesh, Gujarat Region, Vidarbha and Chhattisgarh.

❖ **Minimum Temperature Departures (as on 30-06-2025):** **markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh and Saurashtra & Kutch. **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, West Rajasthan, Gujarat Region and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at few places over Arunachal Pradesh and Rayalaseema; at isolated places over Gangetic West Bengal, Odisha, Uttarakhand, Konkan & Goa and Madhya Maharashtra. **near normal(-1.5°C to 1.5°C)** at many places over Punjab and East Rajasthan; at most places over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Marathwada, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe and Lakshadweep; at few places over Jharkhand, Haryana-Chandigarh-Delhi, Chhattisgarh, Coastal Andhra Pradesh & Yanam and Telangana; at isolated places over Vidarbha. **The lowest minimum temperature** of 18.0°C is reported at KHARGONE-OBS (MADHYA

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PRADESH), and NARSINGHPUR (MADHYA PRADESH) 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 and Madhya Maharashtra; at most places over Nagaland, Manipur, Mizoram & Tripura and South Interior Karnataka; 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, Uttarakhand, East Rajasthan and Chhattisgarh. **The highest maximum temperature** of 40.8°C was reported at PATHANKOT (PUNJAB), and BIKANER (RAJASTHAN).

Meteorological Analysis (Based on 0830 hours IST)

The **low-pressure area** over Northwest Bay of Bengal & adjoining West Bengal and Bangladesh coasts now lay over coastal Gangetic West Bengal & neighbourhood at 0830 hrs IST of today, the 30th June 2025. The associated cyclonic circulation now extends upto 5.8 km above mean sea level. 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 Sri Ganganagar, Delhi, Fatehgarh, Sidhi, Jamshedpur and centre of the low pressure area over coastal Gangetic West Bengal & neighbourhood and thence southeastwards to northeast Bay of Bengal.

The upper air cyclonic circulation over south Rajasthan & adjoining north Gujarat persists and now seen at 3.1 km above mean sea levels.

An east-west **trough** now runs from southwest Uttar Pradesh to the cyclonic circulation associated with the low-pressure area over coastal Gangetic West Bengal & neighbourhood across southeast Uttar Pradesh, Jharkhand, and Gangetic West Bengal between 0.9 to 3.1 km above mean sea level.

The upper air **cyclonic circulation** over central parts of south Uttar Pradesh has merged with the above trough.

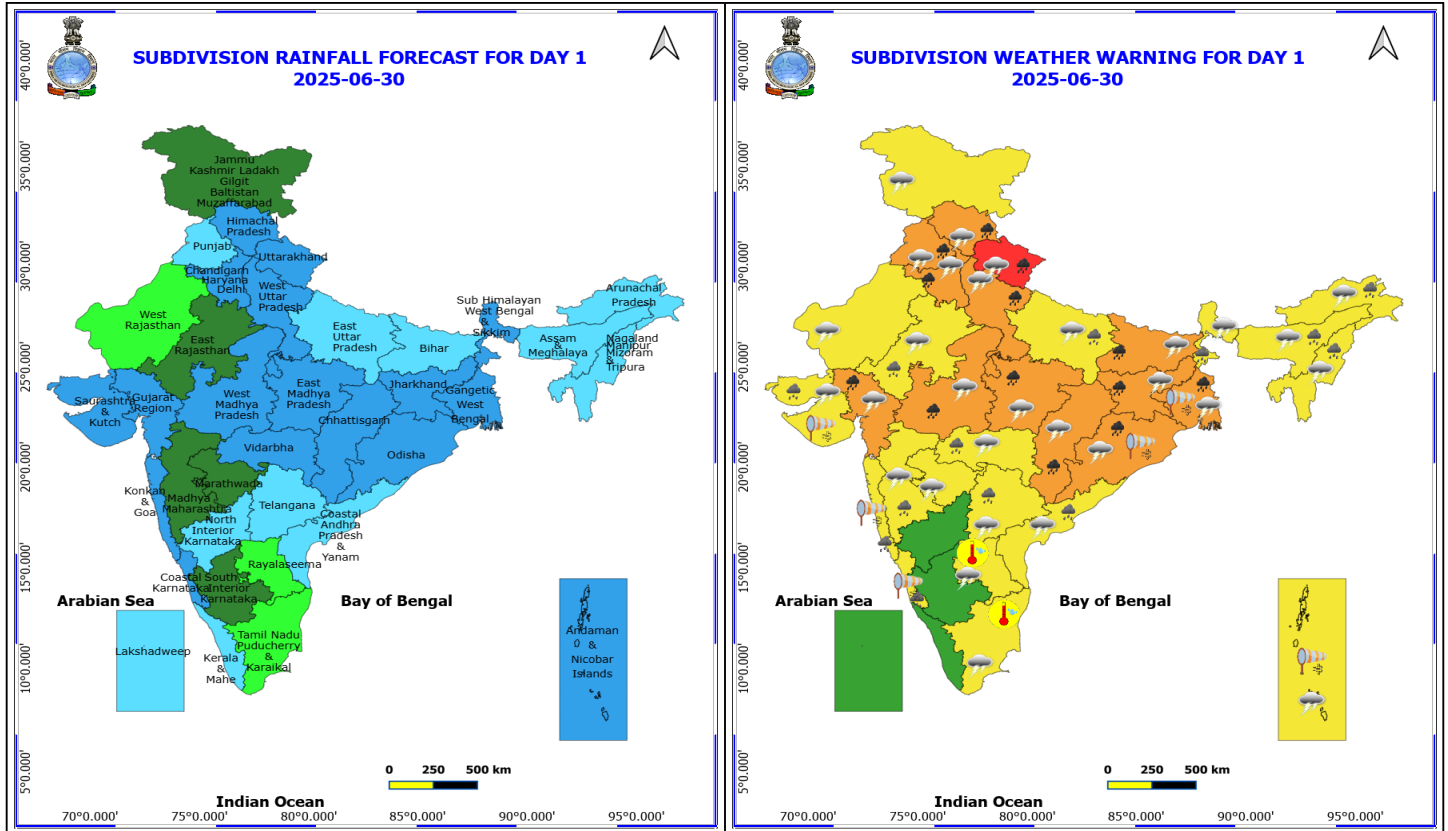
The upper **air cyclonic circulation** over central parts of north Arabian Sea extending upto 5.8 km above mean sea level has become less marked.

The upper air **cyclonic circulation** over north Haryana & neighbourhood extending upto 1.5 km above mean sea level has become less marked.

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 has become less marked.

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

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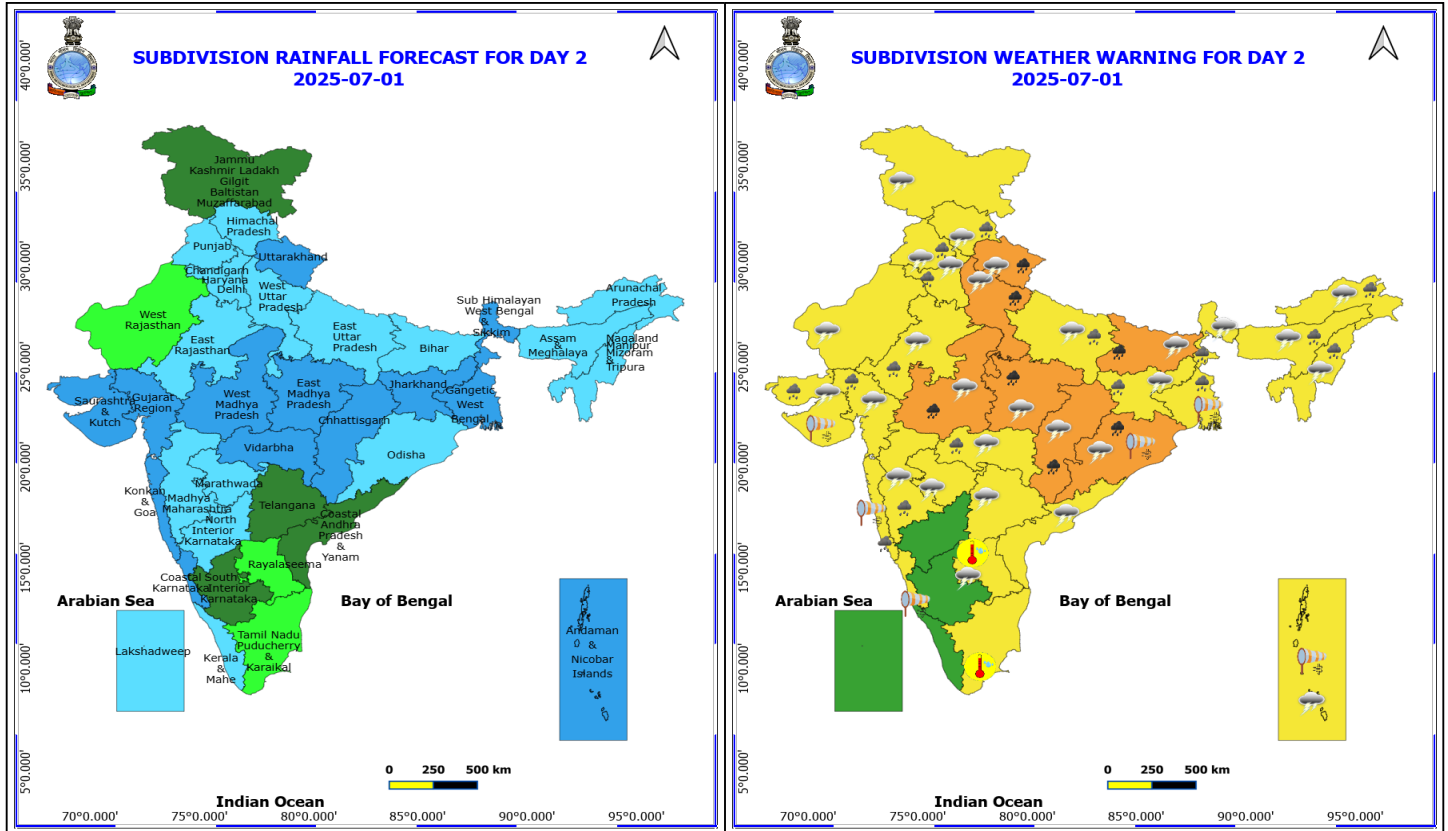
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Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, most parts of eastcentral Arabian Sea, most parts of northeast Arabian Sea, many parts of northwest Arabian Sea, northern parts of southwest Arabian Sea, over Gulf of Mannar.

❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over most parts of central Bay, 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, Madhya Pradesh, Odisha, Uttarakhand and West Uttar Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, East Rajasthan, East Uttar Pradesh, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Konkarn & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Punjab, Vidarbha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Coastal Andhra Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, East Rajasthan, Madhya Maharashtra, Marathwada, Odisha, Rayalaseema and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Madhya Pradesh, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Punjab, Sub Himalayan West Bengal & Sikkim, Telangana, Uttar Pradesh, Uttarakhand, Vidarbha and West Rajasthan.
- ❖ **Strong Surface Winds** very likely at isolated places over Andaman & Nicobar Islands, Coastal Karnataka, Gangetic West Bengal, Konkarn & Goa, Odisha and Saurashtra & Kutch.
- ❖ **Hot and Humid weather** very likely at isolated places over Rayalaseema 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, most parts of eastcentral Arabian Sea, most parts of northeast Arabian Sea, many parts of northwest Arabian Sea, northern parts

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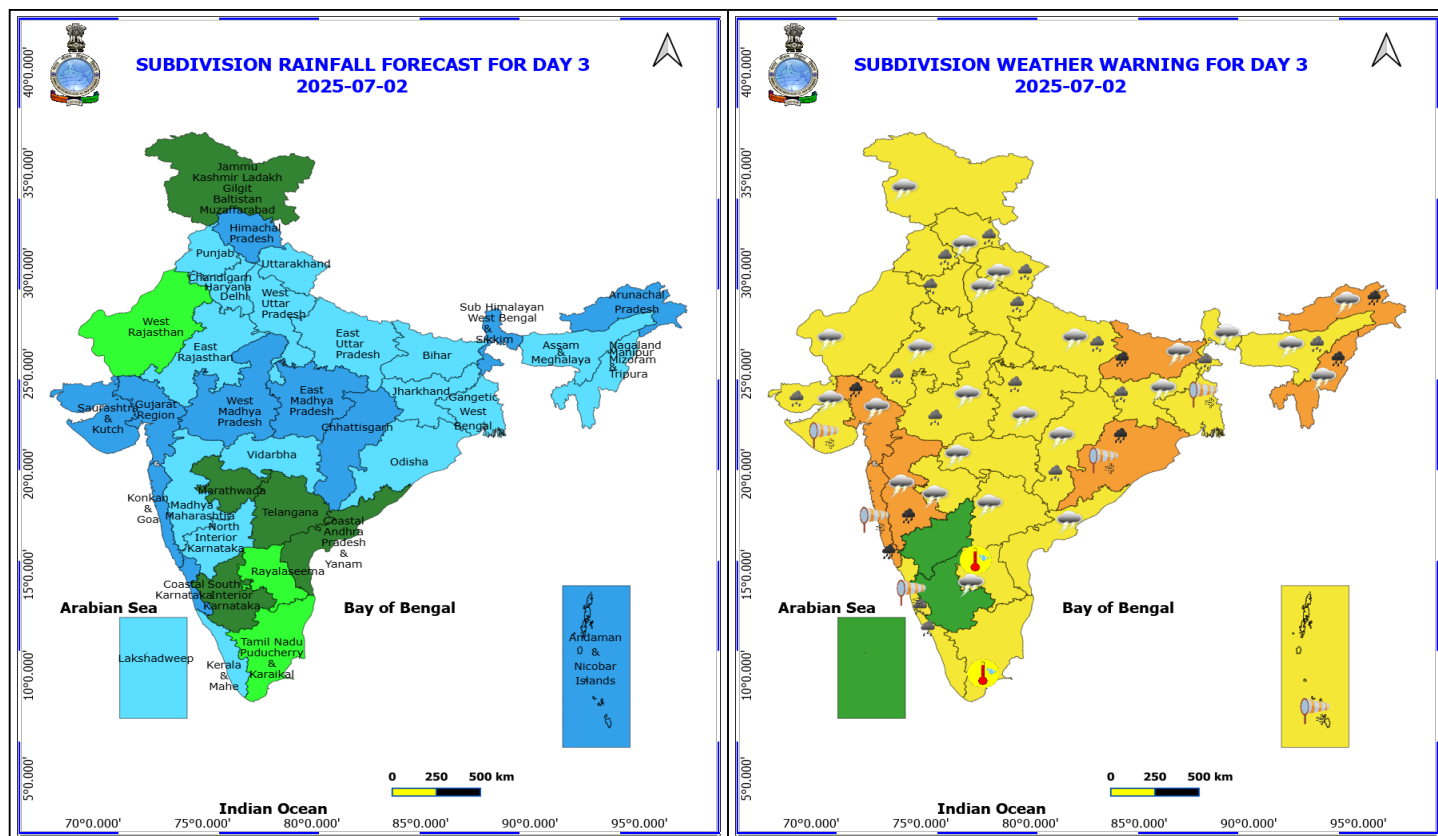
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of southwest Arabian Sea over Gulf of Mannar.

❖ **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.

❖ **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, Nagaland, Manipur, Mizoram and Tripura and Odisha.
- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, East Rajasthan, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Kerala & Mahe, Madhya Pradesh, Punjab, Saurashtra & Kutch, Sub Himalayan West Bengal & Sikkim, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Coastal Andhra Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, East Rajasthan, Madhya Maharashtra, Marathwada and Rayalaseema.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat State, Himachal Pradesh, Jharkhand, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim, Telangana, Uttar Pradesh, Uttarakhand, Vidarbha and West Rajasthan.
- ❖ **Strong Surface Winds** very likely at isolated places over Andaman & Nicobar Islands, Coastal Karnataka, Gangetic West Bengal, Konkan & Goa, Odisha and Saurashtra & Kutch.
- ❖ **Hot and Humid weather** very likely at isolated places over Rayalaseema 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, most parts of eastcentral Arabian Sea, most parts of northeast Arabian Sea, many parts of northwest Arabian Sea, northern parts

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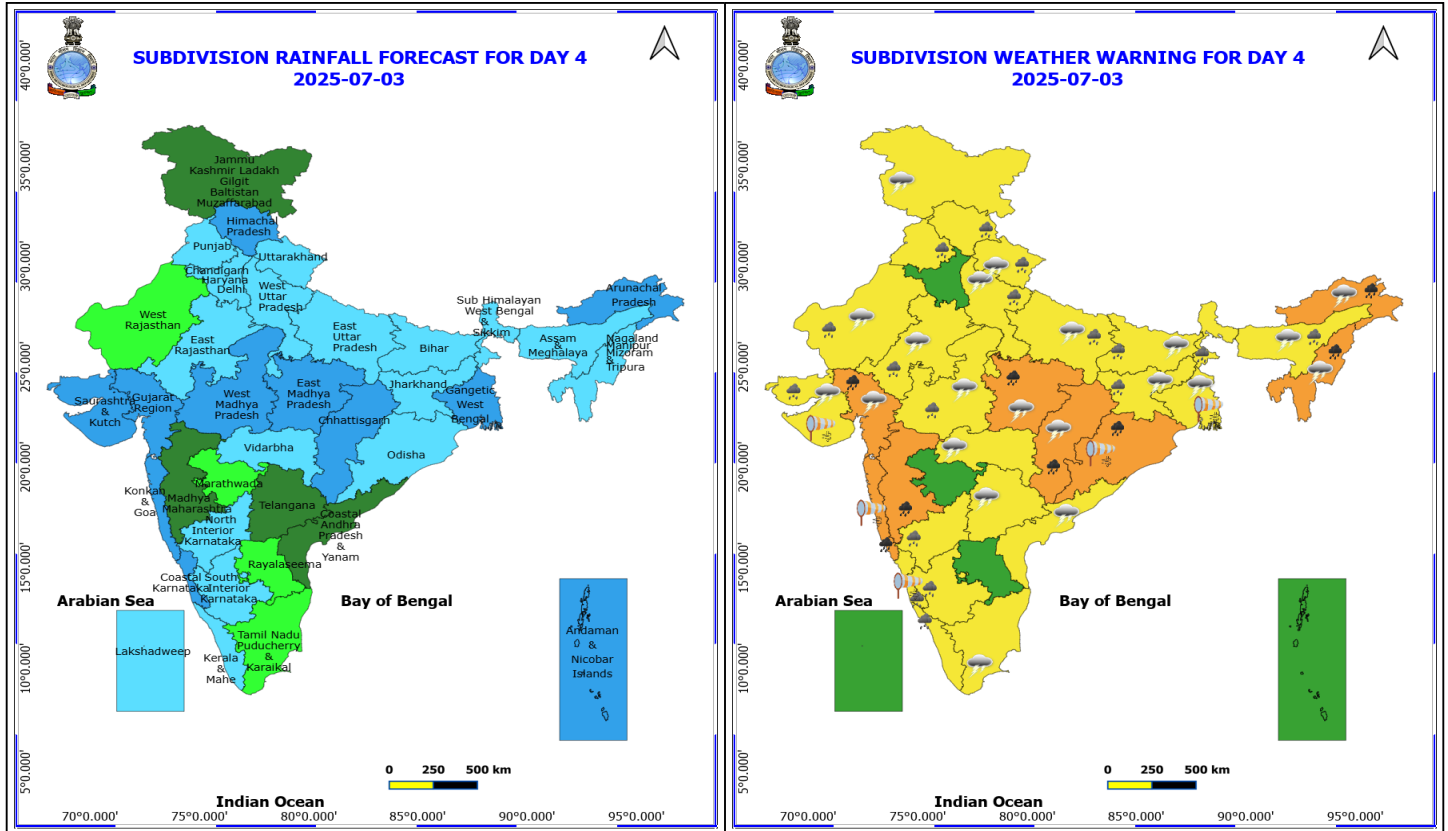
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of southwest Arabian Sea over Gulf of Mannar.

❖ **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, along and off Gujarat, north Konkan coasts.



3 July (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Chhattisgarh, East Madhya Pradesh, Gujarat Region, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura and Odisha.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Bihar, Costal Karnataka, Himachal Pradesh, Interior Karnataka, Jharkhand, Kerala & Mahe, Punjab, Rajasthan, Saurashtra & Kutch, Sub Himalayan West Bengal & Sikkim, Uttar Pradesh, Uttarakhand and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Coastal Andhra Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gangetic West Bengal, Gujarat State, Jharkhand, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Tamil Nadu Puducherry & Karaikal, Telangana, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** likely at isolated places over Costal Karnataka, Gangetic West Bengal, Konkan & Goa, Odisha 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, 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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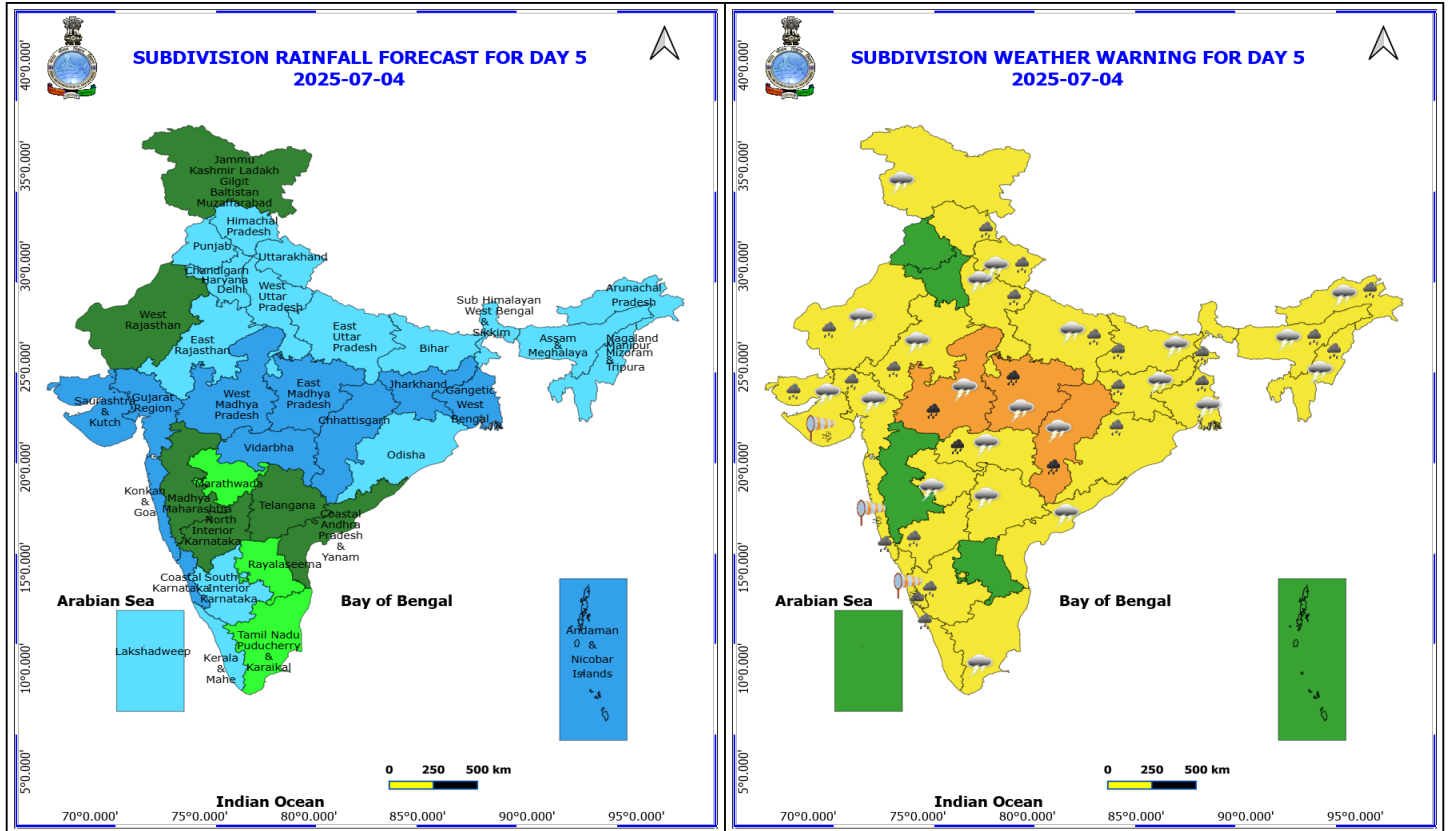
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❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over few parts of central Bay of Bengal, north Bay of Bengal, along and off north Andhra Pradesh coast and south Odisha coast adjoining some parts of westcentral 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



4 July (Day 5)

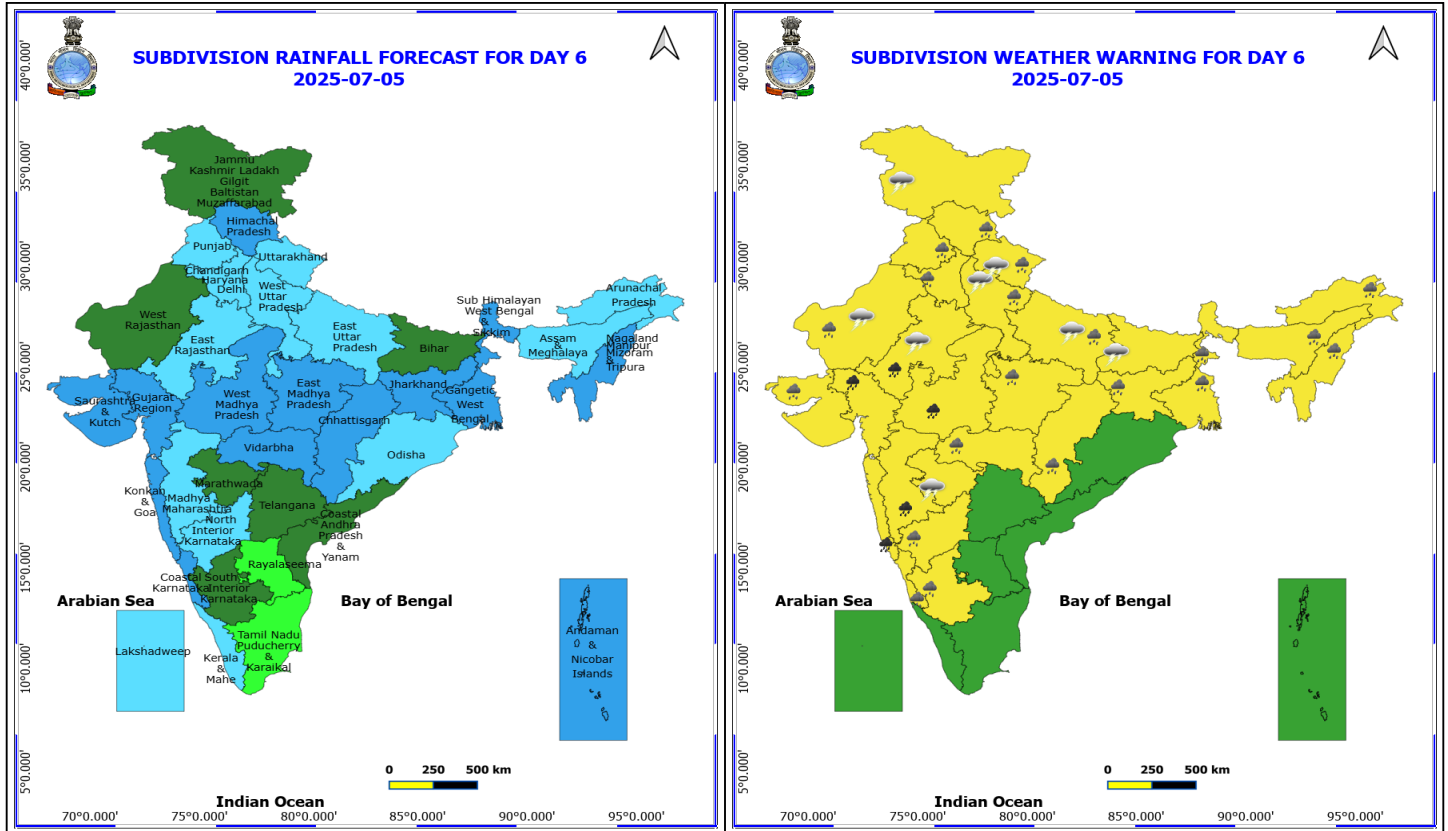
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Chhattisgarh, Madhya Pradesh and Vidarbha.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Coastal Karnataka, Gujarat State, Himachal Pradesh, Interior Karnataka, Jharkhand, Kerala & Mahe, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura, Odisha, Rajasthan, Uttar Pradesh, Uttarakhand and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Coastal Andhra Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Marathwada and Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gangetic West Bengal, Gujarat State, Jharkhand, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Tamil Nadu Puducherry & Karaikal, Telangana, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** likely at isolated places over Coastal Karnataka, Konkan & Goa 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, 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 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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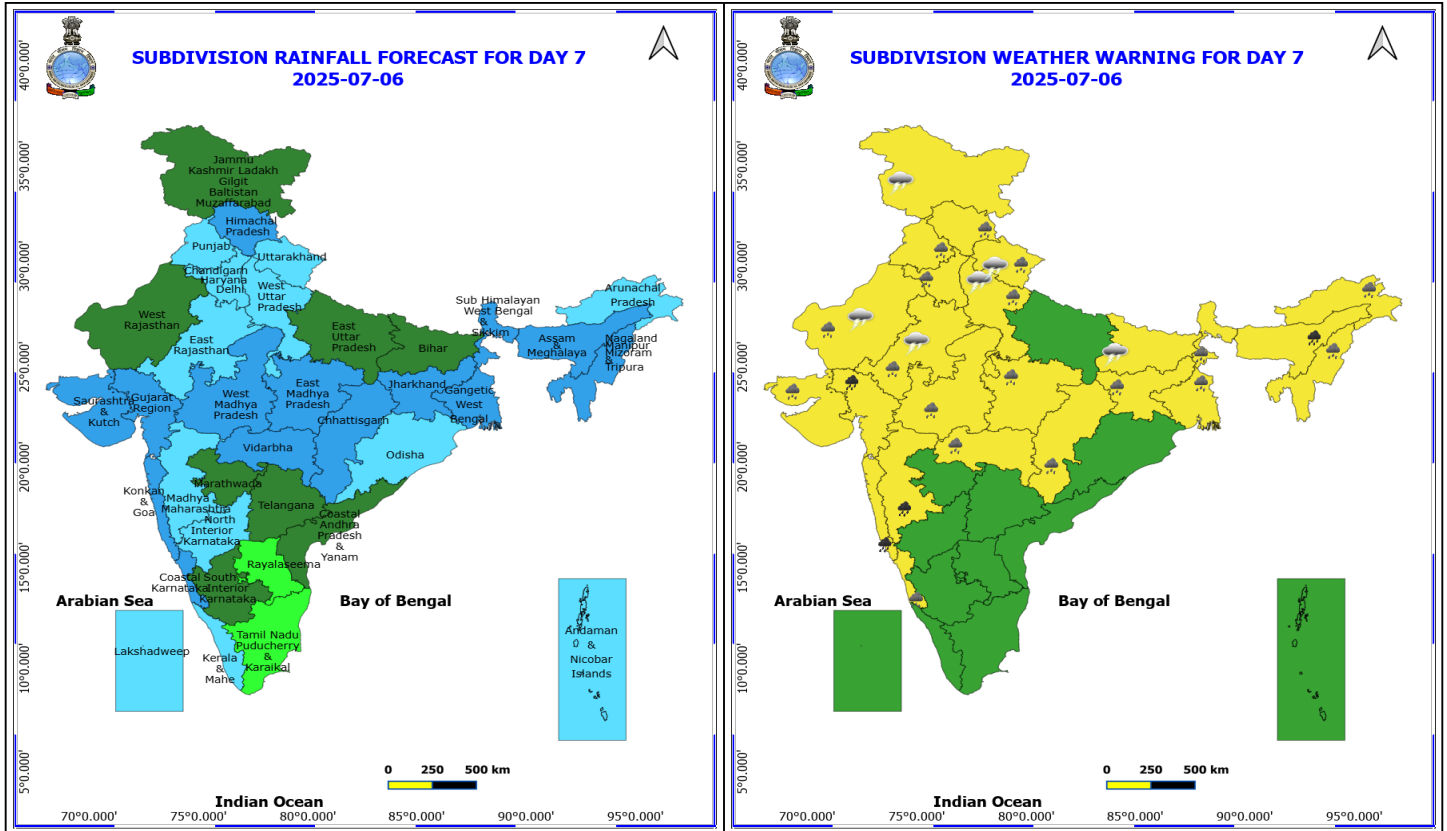
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5 July (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over East Rajasthan, Gujarat Region, Konkan & Goa, Madhya Maharashtra and West Madhya Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, East Madhya Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Interior Karnataka, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Punjab, Saurashtra & Kutch, Uttar Pradesh, Uttarakhand, Vidarbha, West Bengal & Sikkim and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Marathwada and Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttar Pradesh and Uttarakhand.

No Fishermen Warning



6 July (Day 7)

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

No Fishermen Warning

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Flash Flood Warnings

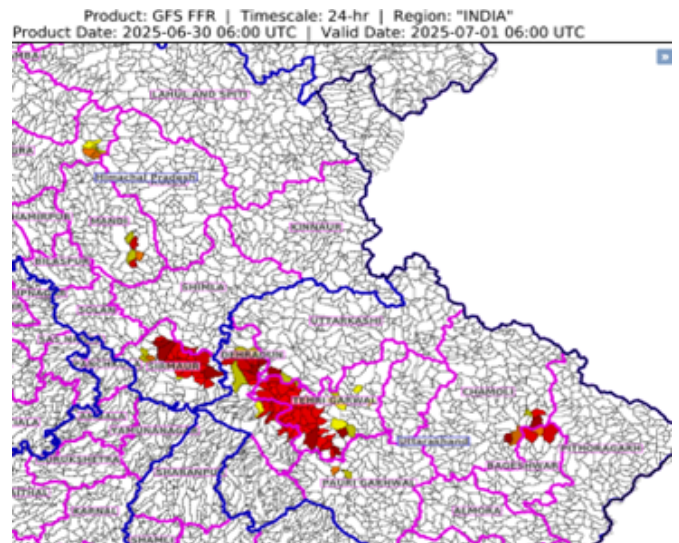
24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 01-07-2025 :

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

Himachal Pradesh - Kangra, Mandi and Sirmaur districts.

Uttarakhand - Bageshwar, Chamoli, Dehradun, Pauri Garhwal and Tehri Garwal 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	WS	WS	FWS
2	ARUNACHAL PRADESH	FWS	FWS	WS	WS	FWS	FWS	FWS
3	ASSAM & MEHGHALAYA	FWS	FWS	FWS	FWS	FWS	FWS	WS
4	N. M. M. & T.	FWS	FWS	FWS	FWS	FWS	WS	WS
5	S.H. WEST BENGAL & SIKKIM	WS	WS	WS	FWS	FWS	WS	WS
6	GANGETIC WEST BENGAL	WS	WS	FWS	WS	WS	WS	WS
7	ODISHA	WS	FWS	FWS	FWS	FWS	FWS	FWS
8	JHARKHAND	WS	WS	FWS	FWS	WS	WS	WS
9	BIHAR	FWS	FWS	FWS	FWS	FWS	SCT	SCT
10	EAST UTTAR PRADESH	FWS	FWS	FWS	FWS	FWS	FWS	SCT
11	WEST UTTAR PRADESH	WS	FWS	FWS	FWS	FWS	FWS	FWS
12	UTTARAKHAND	WS	WS	FWS	FWS	FWS	FWS	FWS
13	HARYANA, CHD & DELHI	WS	FWS	FWS	FWS	FWS	FWS	FWS
14	PUNJAB	FWS	FWS	FWS	FWS	FWS	FWS	FWS
15	HIMACHAL PRADESH	WS	FWS	WS	WS	FWS	WS	WS
16	JAMMU AND KASHMIR AND LADAKH	SCT	SCT	SCT	SCT	SCT	SCT	SCT
17	WEST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	SCT	SCT	SCT
18	EAST RAJASTHAN	SCT	FWS	FWS	FWS	FWS	FWS	FWS
19	WEST MADHYA PRADESH	WS	WS	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	WS	WS	WS	WS	WS	WS
23	KONKAN & GOA	WS	WS	WS	WS	WS	WS	WS
24	MADHYA MAHARASHTRA	SCT	FWS	FWS	SCT	SCT	FWS	FWS
25	MARATHWADA	SCT	FWS	SCT	ISOL	ISOL	SCT	SCT
26	VIDARBHA	WS	WS	FWS	FWS	WS	WS	WS
27	CHATTISGARH	WS	WS	WS	WS	WS	WS	WS
28	COASTAL ANDHRA PRADESH	FWS	SCT	SCT	SCT	SCT	SCT	SCT
29	TELANGANA	FWS	SCT	SCT	SCT	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	FWS	FWS	FWS	FWS	SCT	FWS	FWS
34	SOUTH INTERIOR KARNATAKA	SCT	SCT	SCT	FWS	FWS	SCT	SCT
35	KERALA	FWS	FWS	FWS	FWS	FWS	FWS	FWS
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

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

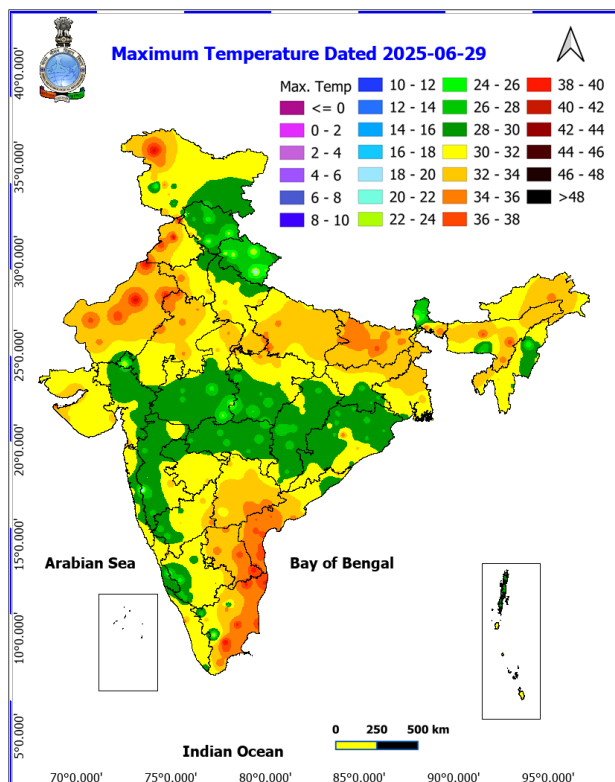


Fig. 2: Departure of Maximum Temp. Dated 2025-06-30

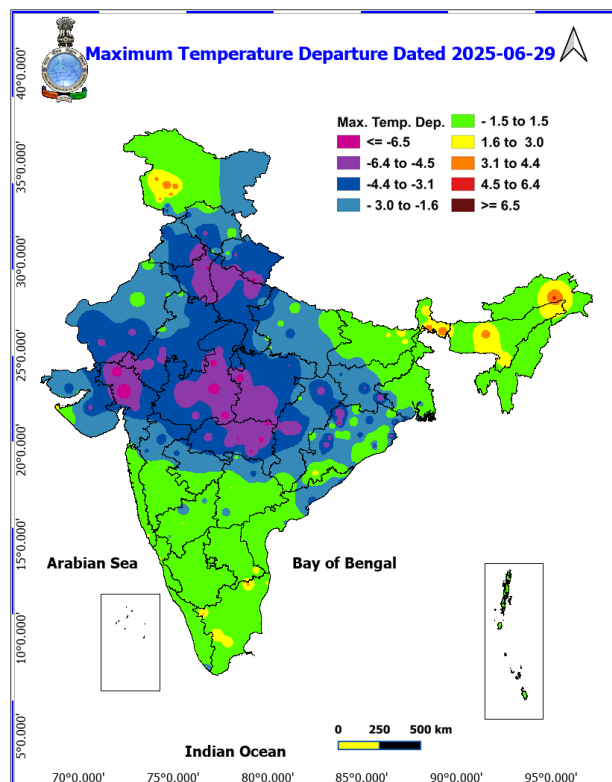


Fig. 3: Minimum Temperatures Dated 2025-06-30

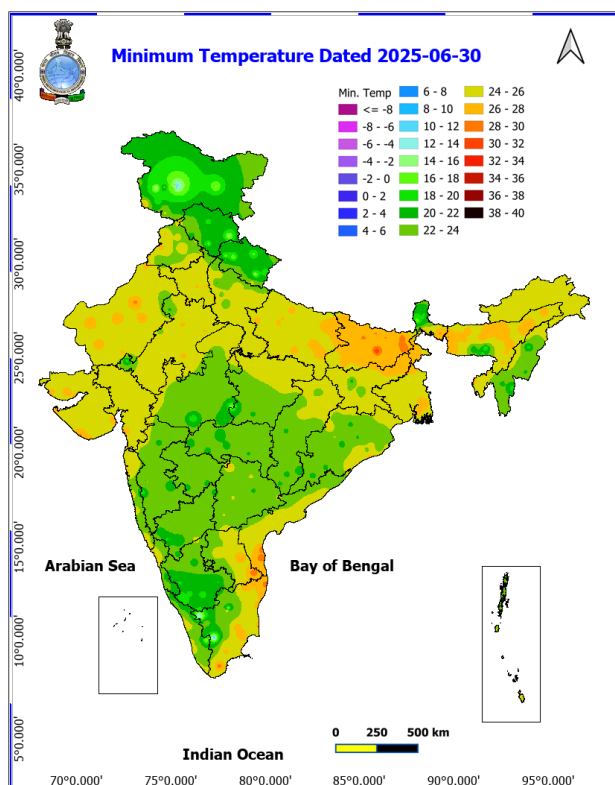
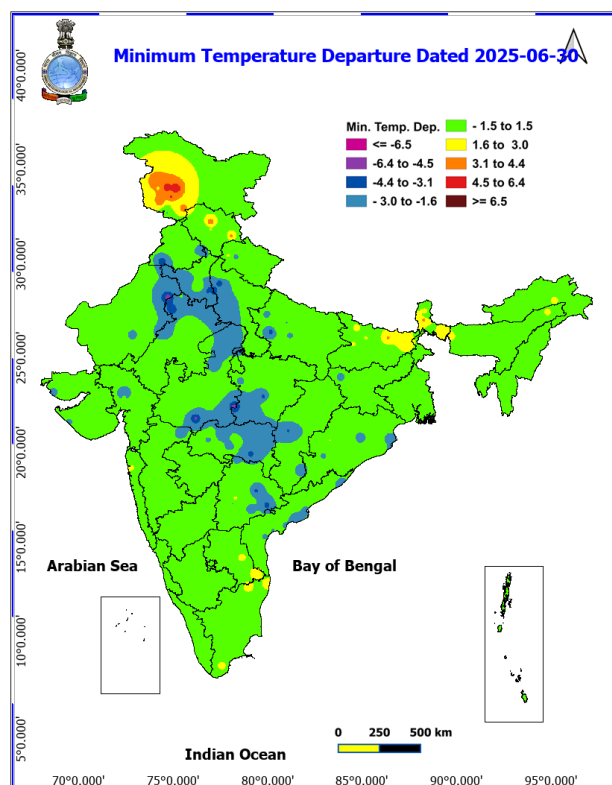
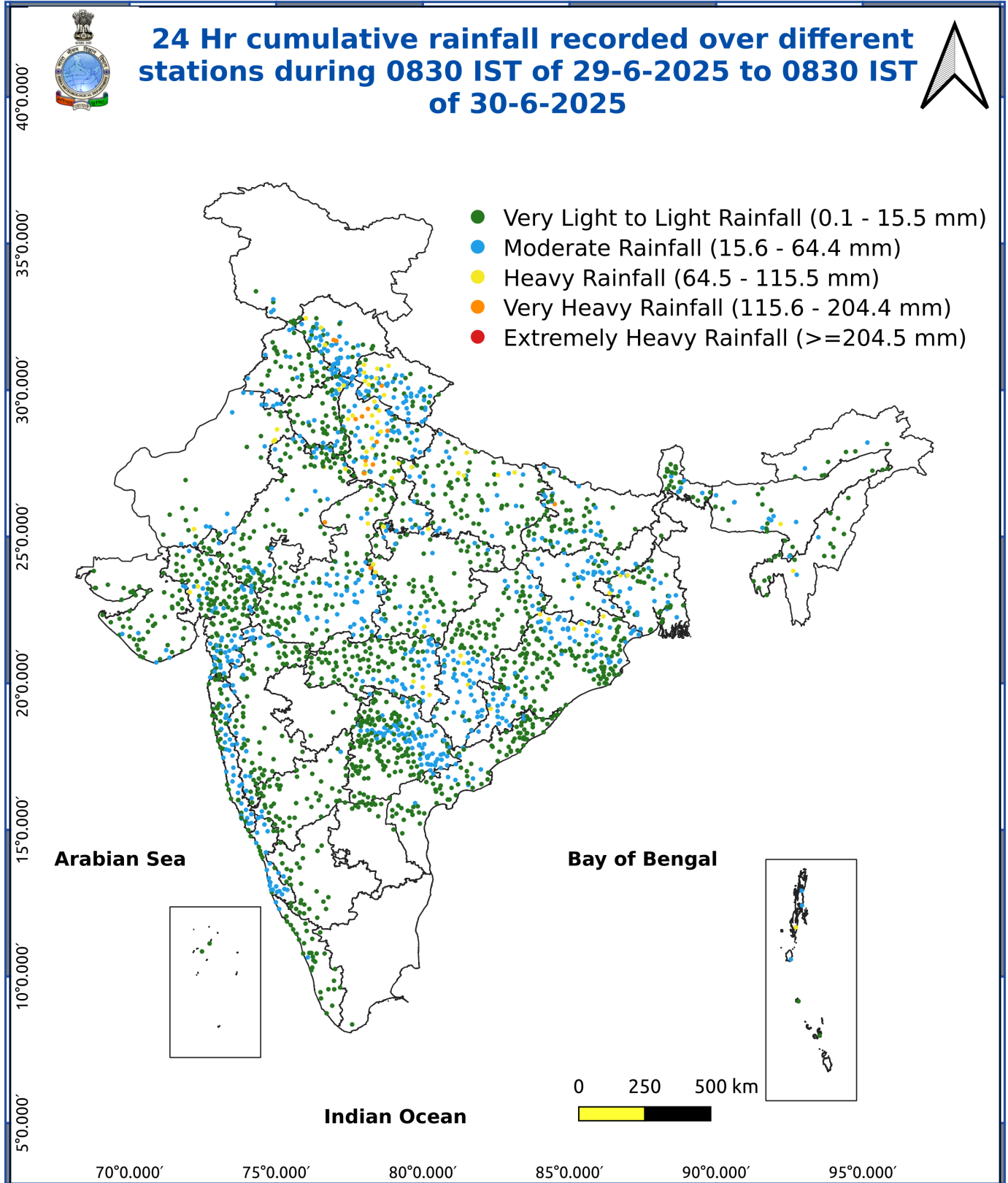


Fig. 4: Departure of Minimum Temp. Dated 2025-06-30





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Impact & Action Suggested due to very heavy rainfall:

Very heavy rainfall at isolated places over **Uttarakhand**, West Uttar Pradesh on 30th June & 01st July; , Himachal Pradesh, Punjab, Haryana, Gangetic West Bengal, Jharkhand on 30th June; Odisha during 30th June-03rd July; East Rajasthan on 05th July; Madhya Pradesh on 30th June, 01st, 04th & 05th July; East Madhya Pradesh, Chhattisgarh 30th June, 01st, 03rd & 04th July; Bihar during 30th June-02nd July; Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura on 02nd & 03rd and Assam & Meghalaya on 06th 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 **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 the 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 nurseries

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with polythene sheets.

Gangetic West Bengal - Make necessary arrangements to drain out excesswater 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 places.

In **Himachal Pradesh**, provide drainage in the fields of vegetables and fruit orchards. 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. Postpone sowing of maize and transplanting of rice. Drain out excess water from rice nurseries and already sown maize fields.

Punjab - Drain out excess water from cotton, maize fields and orchards.

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**, drain out excess water from vegetables, late sown rice, nurseries groundnut, green gram and maize.

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 **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 **Arunachal Pradesh**, to protect the maize crop from damage due to runoff and soil erosion, construct small bunds or contour barriers across the slope to reduce water flow and soil loss. Avoid fresh transplanting of rice in low-lying areas. Provide strong support to banana plants using bamboo or wooden stakes to prevent lodging or stem breakage.

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

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(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

- 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 ओडिशा
- 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 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

 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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