



2026-07-15

Time of Issue: 08:09:00 hours IST
(Morning)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather forecast and Warnings:

Northwest India:

- **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 15th-17th July; Himachal Pradesh during 15th-16th July; Uttarakhand during 15th July.
- **Isolated to Scattered** rainfall likely over Haryana Chandigarh & Delhi and Punjab during 15th-18th July; East Rajasthan, West Rajasthan and West Uttar Pradesh during 15th-20th July; East Uttar Pradesh during 15th-17th July.
- **Fairly Widespread to Widespread** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 18th-20th July; Himachal Pradesh during 17th-20th July; Uttarakhand during 16th-20th July.
- **Fairly Widespread to Widespread** rainfall likely over Haryana Chandigarh & Delhi and Punjab during 19th-20th July; East Uttar Pradesh during 18th-20th July.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 15th-20th July.
- **Isolated thunderstorm & lightning** likely over Uttarakhand during 15th-20th July.
- **Isolated heavy rainfall** likely over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 18th-20th July; Uttarakhand during 15th-20th July; Haryana Chandigarh & Delhi, Punjab and West Uttar Pradesh during 19th-20th July; East Uttar Pradesh during 17th-20th July.

Central India:

- **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 15th-20th July; East Madhya Pradesh and Vidarbha during 15th-20th July; Chhattisgarh during 15th-17th July.
- **Fairly Widespread to Widespread** rainfall likely over Chhattisgarh during 18th-20th July.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over East Madhya Pradesh and West Madhya Pradesh during 16th-18th July.
- **Isolated thunderstorm & lightning** likely over Vidarbha on 15th July and during 17th-18th July; Chhattisgarh during 15th-18th July.
- **Isolated heavy rainfall** likely over Chhattisgarh on 15th July.

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands on 15th July; Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim during 15th-20th July; Jharkhand and Odisha during 15th-17th July; Bihar during 15th-16th July.
- **Isolated to Scattered** rainfall likely over Andaman & Nicobar Islands during 16th-20th July; Jharkhand and Odisha during 18th-20th July; Bihar during 17th-20th July.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 15th-16th July; Gangetic West Bengal during 15th-17th July; Jharkhand during 15th-18th July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Andaman & Nicobar Islands during 17th-20th July; Bihar during 15th-20th July.
- **Isolated thunderstorm & lightning** likely over Sub-Himalayan West Bengal & Sikkim during 15th-16th July.
- **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 15th-18th July; Gangetic West Bengal and Odisha on 15th July and on 17th July; Jharkhand during 15th-17th July; Bihar during 16th-20th July with isolated **very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim during 19th-20th July; Gangetic West Bengal and Odisha on 16th July; Bihar on 15th July.
- **Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Odisha on 15th July.**

Northeast India:

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- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 15th-20th July.
- Isolated **thunderstorm & lightning** likely over Arunachal Pradesh on 15th July; Assam & Meghalaya during 15th-18th July; Nagaland, Manipur, Mizoram & Tripura during 15th-17th July.
- Isolated **heavy rainfall** likely over Arunachal Pradesh and Assam & Meghalaya during 15th-20th July; Nagaland, Manipur, Mizoram & Tripura during 15th-18th July.

West India:

- **Isolated to Scattered** rainfall likely over Konkan & Goa during 15th-16th July; Gujarat Region, Madhya Maharashtra, Marathawada and Saurashtra & Kutch during 15th-20th July.
- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 17th-20th July.
- Isolated **thunderstorm & lightning** likely over Konkan & Goa during 15th July; Madhya Maharashtra during 15th-16th July.
- with isolated **very heavy rainfall** also likely over Marathawada during 15th-16th July.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Rayalaseema, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Telangana during 15th-20th July; Kerala & Mahe during 15th-17th July; Lakshadweep during 17th-18th July; Coastal Karnataka during 15th-16th July; North Interior Karnataka during 16th-20th July; Coastal Andhra Pradesh & Yanam during 15th-20th July.
- **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe during 18th-20th July; Lakshadweep during 19th-20th July; Coastal Karnataka during 17th-20th July.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe on 15th July; Coastal Karnataka, South Interior Karnataka and Telangana during 15th-20th July; North Interior Karnataka during 16th-20th July; Coastal Andhra Pradesh & Yanam during 15th-18th July; Rayalaseema during 15th-18th July.
- Strong Surface Winds likely over Kerala & Mahe on 15th July; Coastal Karnataka, North Interior Karnataka, South Interior Karnataka and Telangana during 15th-20th July; Coastal Andhra Pradesh & Yanam and Rayalaseema during 15th-18th July.

Heat Wave, Hot & Humid weather and Warm Night conditions warning:

- **Heat wave** conditions very likely in isolated pockets over Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal on 15th July.
- **Hot and humid** weather conditions likely to prevail over East Uttar Pradesh, Haryana Chandigarh & Delhi, Punjab and West Uttar Pradesh during 15th-16th July; Tamil Nadu, Puducherry & Karaikal during 15th-17th July; Coastal Karnataka, North Interior Karnataka and Telangana on 15th July; Coastal Andhra Pradesh & Yanam during 16th-17th July; Rayalaseema during 15th-17th July.

Fishermen Warning:

- **Arabian Sea:** Along and off Somalia, Oman, over most parts of west central adjoining east central, & some parts of north & south west Arabian Sea during 15th to 19th July; along and off north Gujarat during 17th to 19th July.
- **Bay of Bengal:** Along and off south Sri Lanka coasts adjoining southwest Bay of Bengal; along and off Odisha coasts during 15th to 19th July; Gangetic West Bengal coasts during 15th to 19th July; over Andaman Sea during 15th to 17th July.

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0530 hours IST of today): **at most places** over Nagaland, Manipur, Mizoram & Tripura, Odisha, Sub-himalayan West Bengal & Sikkim, Arunachal Pradesh, Gangetic West Bengal, Assam & Meghalaya, Himachal Pradesh, Andaman & Nicobar Islands and Konkan & Goa ; **at many places** over Jammu & Kashmir and Ladakh, Haryana Chandigarh & Delhi, East Uttar Pradesh, Bihar, Jharkhand, Chhattisgarh and Punjab; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Odisha**: Puri (dist Puri) 7, Bhubaneswar (dist Khordha) 3, Balasore (dist Balasore), Chandbali (dist Bhadrak), Paradip Port (dist Jagatsinghapur) 2 Each, Jharsuguda (dist Jharsuguda), Keonjhar (dist Kendujhar) 1 Each; **Arunachal Pradesh**: Pasighat (dist East Siang) 6; **Nagaland, Manipur, Mizoram & Tripura**: Kailashahar AP (dist Unakoti) 3, Aizawl-lengpui (dist Mamit) 1; **Gangetic West Bengal**: Diamond Harbour (dist South 24 Parganas) 3, Haldia (dist Purba Medinipur) 2, Kolkata-alipur (dist Kolkata) 1; **Assam & Meghalaya**: Barapani/shillong (dist East Khasi Hills) 2, Shillong (dist East Khasi Hills) 1; **Chhattisgarh**: Bilaspur (dist Bilaspur) 2; **Punjab**: Amritsar (rajasansi) AP (dist Amritsar) 1; **Himachal Pradesh**: Sundernagar (dist Mandi) 1.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Heavy rain** at isolated places over Odisha.

❖ **Minimum Temperature Departures (as on 14-07-2026): markedly above normal(> 5.1°C)** at few places over East Madhya Pradesh; at isolated places over Assam & Meghalaya, Odisha, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, East Rajasthan, West Madhya Pradesh and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at many places over Coastal Andhra Pradesh & Yanam; at few places over Chhattisgarh; at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Odisha, East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Vidarbha, Rayalaseema and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Konkan & Goa and Chhattisgarh; at most places over Arunachal Pradesh and Lakshadweep; at few places over Sub Himalayan West Bengal & Sikkim, Odisha, Jharkhand, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, West Madhya Pradesh, Gujarat Region, Vidarbha, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka and Kerala & Mahe; at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Punjab, Himachal Pradesh, West Rajasthan, East Rajasthan, East Madhya Pradesh, Saurashtra & Kutch and Madhya Maharashtra. **near normal(-1.5°C to 1.5°C)** at many places over Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, Bihar, Punjab, Saurashtra & Kutch, Vidarbha, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka and Kerala & Mahe; at most places over Himachal Pradesh, West Rajasthan, Madhya Maharashtra, Marathwada, North Interior Karnataka and South Interior Karnataka; at few places over Sub Himalayan West Bengal & Sikkim, Odisha, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Konkan & Goa, Telangana and Rayalaseema; at isolated places over Coastal Andhra Pradesh & Yanam. **The lowest minimum temperature** of 16.0°C was reported at JEUR (MAHARASHTRA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 14-07-2026): markedly above normal(> 5.1°C)** at many places over South Interior Karnataka; at few places over Arunachal Pradesh and Coastal Andhra Pradesh & Yanam; at isolated places over Assam & Meghalaya, Odisha, West Uttar Pradesh, Madhya Maharashtra, Telangana, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and North Interior Karnataka. **appreciably above normal(3.1°C to 5.0°C)** at many places over Uttarakhand and Coastal Karnataka; at most places over Marathwada; at few places over Sub Himalayan West Bengal & Sikkim, East Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, Konkan & Goa, Vidarbha, Chhattisgarh and Kerala & Mahe; at isolated places over Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and West Madhya Pradesh. **above normal(1.6°C to 3.0°C)** at many places over Gujarat Region and Lakshadweep; at few places over Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Bihar, East Madhya Pradesh and Saurashtra & Kutch. **near normal(-1.5°C to 1.5°C)** at many places over Andaman & Nicobar Islands and Gangetic West Bengal; at most places over West Rajasthan and East Rajasthan. **The highest maximum temperature** of

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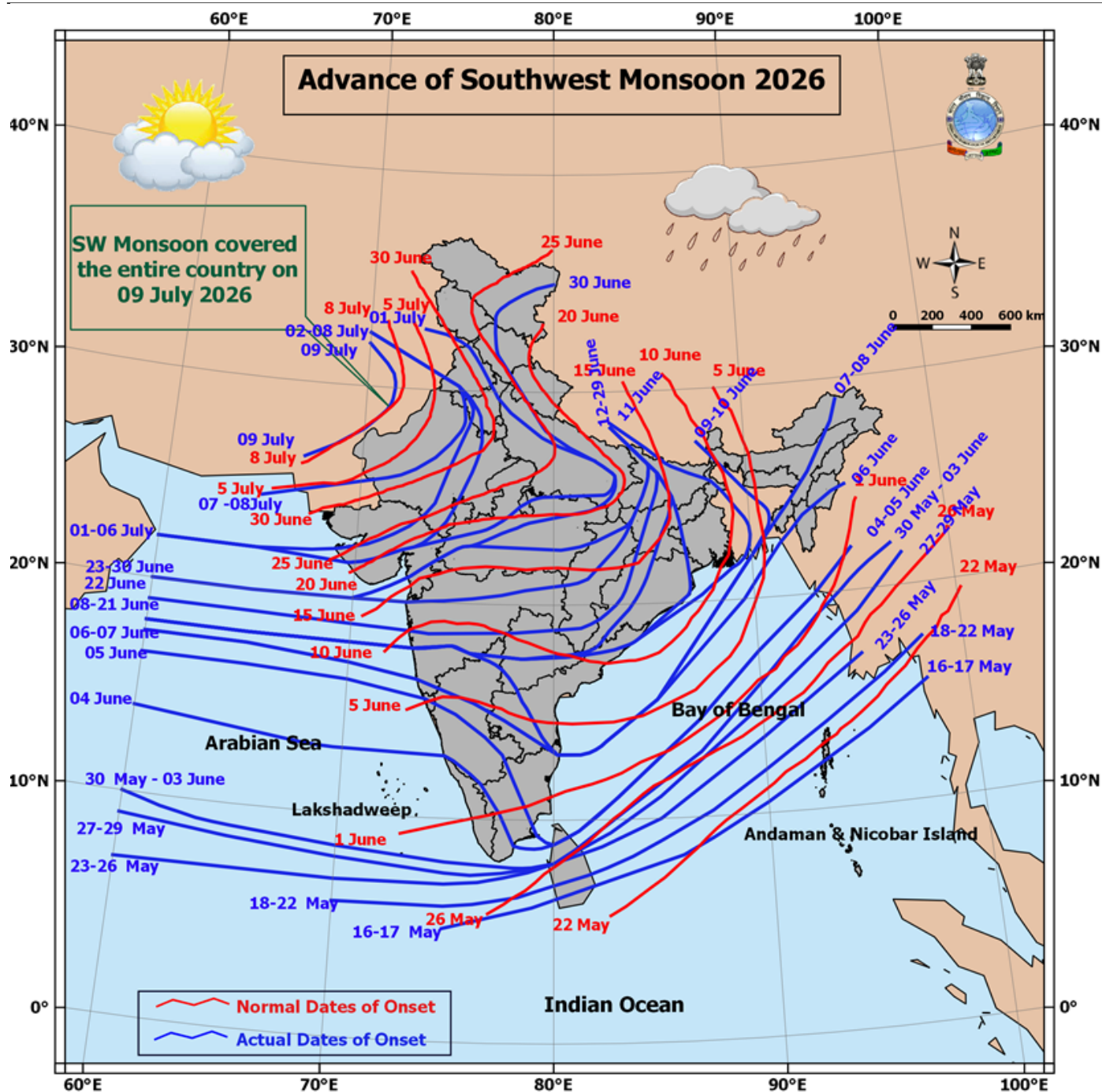
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42.5°C was reported at MADURAI (A) (TAMIL NADU).

Meteorological Analysis (Based on 0530 hours IST)

- The **Monsoon trough** at mean sea level continues to pass through Jammu, Dehradun, Bareilly, Gorakhpur, Patna, Bankura, centre of Low Pressure area over Northwest Bay of Bengal off north Odisha -West Bengal coasts and thence southeastwards towards Eastcentral Bay of Bengal.
- Under the influence of the yesterday's upper air Cyclonic circulation over North Bay of Bengal & adjoining South Bangladesh, a **Low Pressure Area** has formed over Northwest Bay of Bengal off north Odisha -West Bengal coasts at 0530 hrs IST of today, 15th July, 2026. The associated cyclonic circulation extends upto 7.6 km above mean sea level tilting southwestwards with height. It is very likely to move west-northwestwards across north Odisha & Gangetic West Bengal during next 2 days
- The **upper air cyclonic circulation** over north Gujarat & adjoining southwest Rajasthan at 5.8 km above mean sea level persists.
- The **Western Disturbance** as a cyclonic circulation over North Pakistan & adjoining Jammu at 5.8 km above mean sea level persists.
- The **upper air cyclonic circulation** over East Uttar Pradesh & neighbourhood at 5.8 km above mean sea level persists.

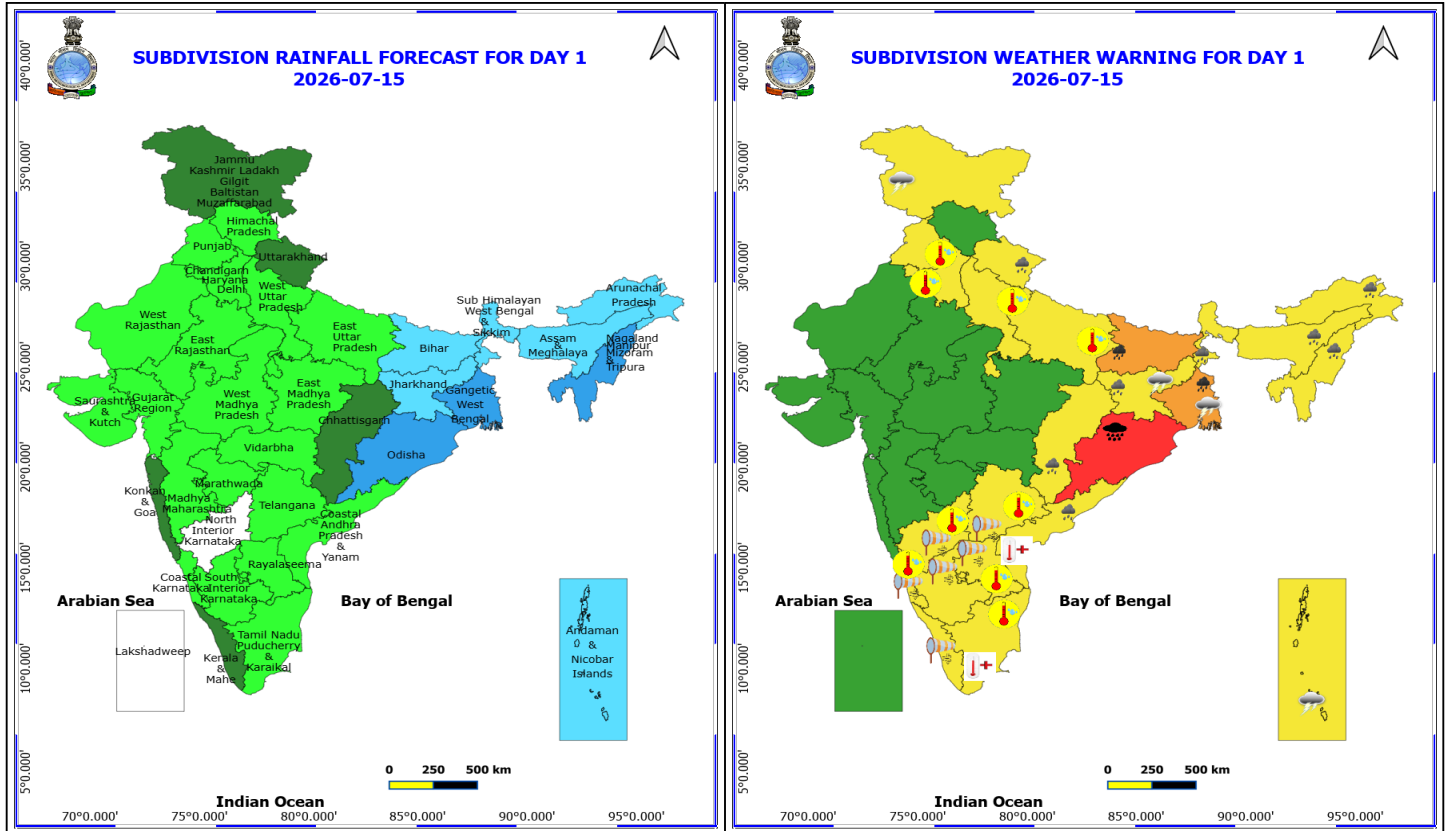


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15 July (Day 1)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Odisha.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Bihar and Gangetic West Bengal.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **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 Jharkhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Bihar, Karnataka, Kerala & Mahe and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Konkan & Goa, Madhya Maharashtra, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over Karnataka, Kerala & Mahe, Rayalaseema and Telangana.
- ❖ **Heat Wave conditions** very likely at isolated places over Coastal Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.

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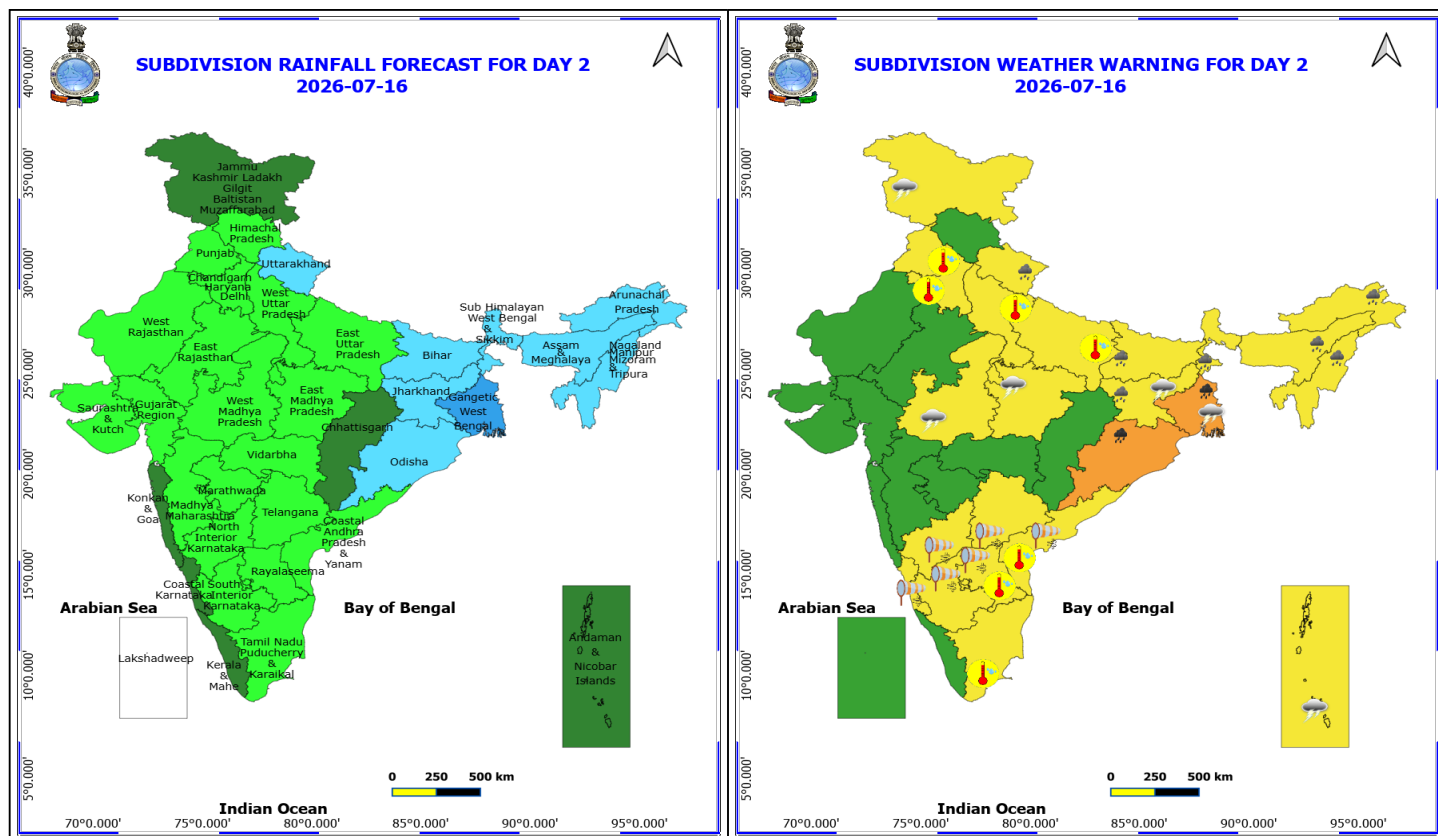
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❖ **Hot and Humid weather** very likely at isolated places over Coastal Karnataka, Haryana, Chandigarh & Delhi, North Interior Karnataka, Punjab, Rayalaseema, Tamil Nadu Puducherry & Karaikal, Telangana and Uttar Pradesh.

❖ Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over most parts of west central adjoining east central, north and some parts of south west Arabian Sea, along and off Somalia, and Oman coasts and north Gujarat adjoining south Gujarat coasts.

❖ Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over Gulf of Mannar, south Sri Lanka adjoining few parts of south adjoining east central Bay of Bengal

❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off Odisha, Gangetic West Bengal, over Andaman Sea.



16 July (Day 2)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Gangetic West Bengal and Odisha.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **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, Jharkhand and Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Bihar, Karnataka and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Madhya Maharashtra, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh, Karnataka and Telangana.
- ❖ **Hot and Humid weather** very likely at isolated places over Andhra Pradesh, Haryana, Chandigarh & Delhi, Punjab, Tamil Nadu Puducherry & Karaikal and Uttar Pradesh.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over most parts of west central adjoining northwest and some parts of south west Arabian Sea, along and off Somalia, and Oman coasts.
- ❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over south Sri Lanka adjoining few parts of southwest Bay of Bengal

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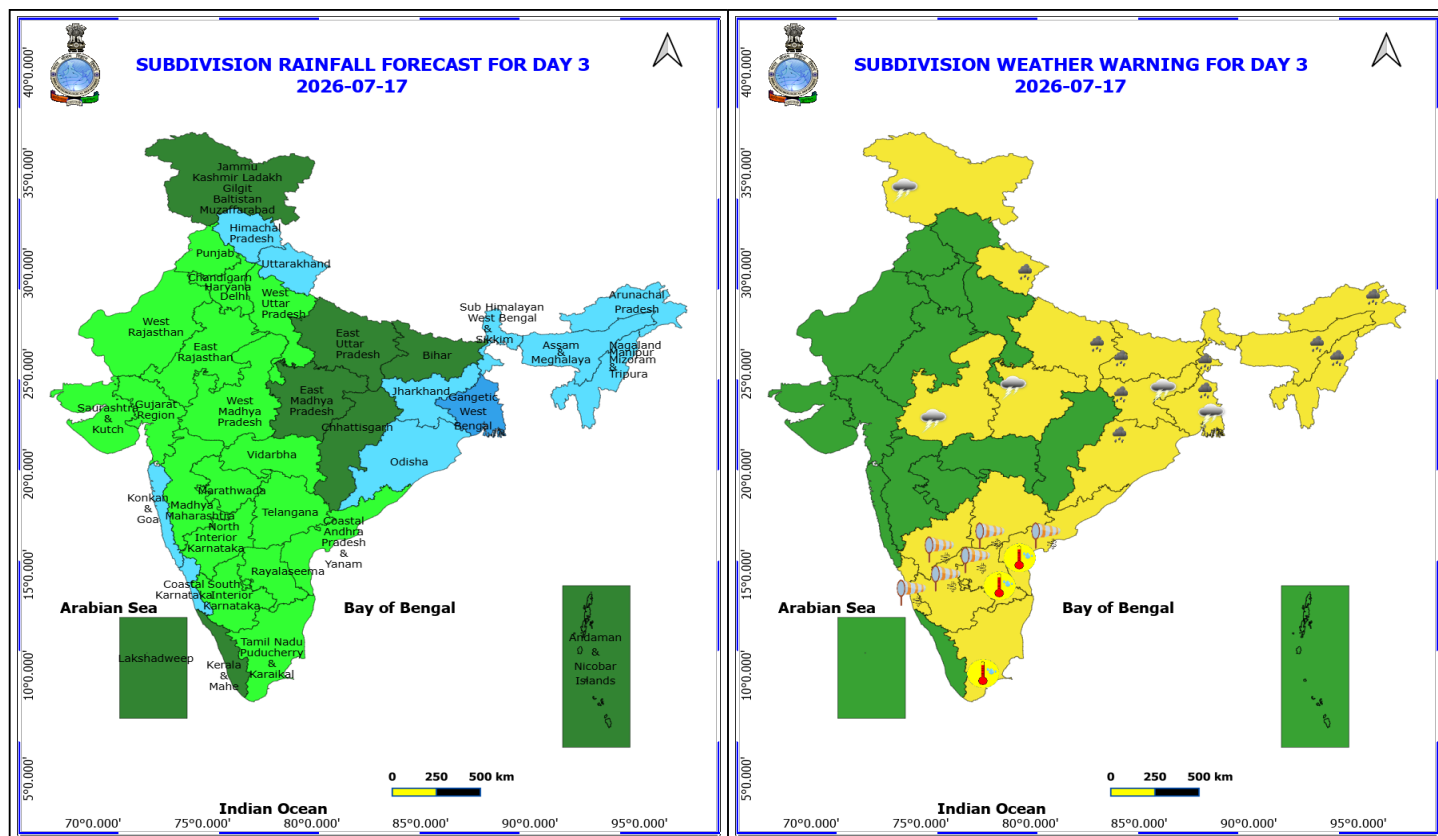
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❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off Odisha, Gangetic West Bengal, over Andaman Sea.



17 July (Day 3)

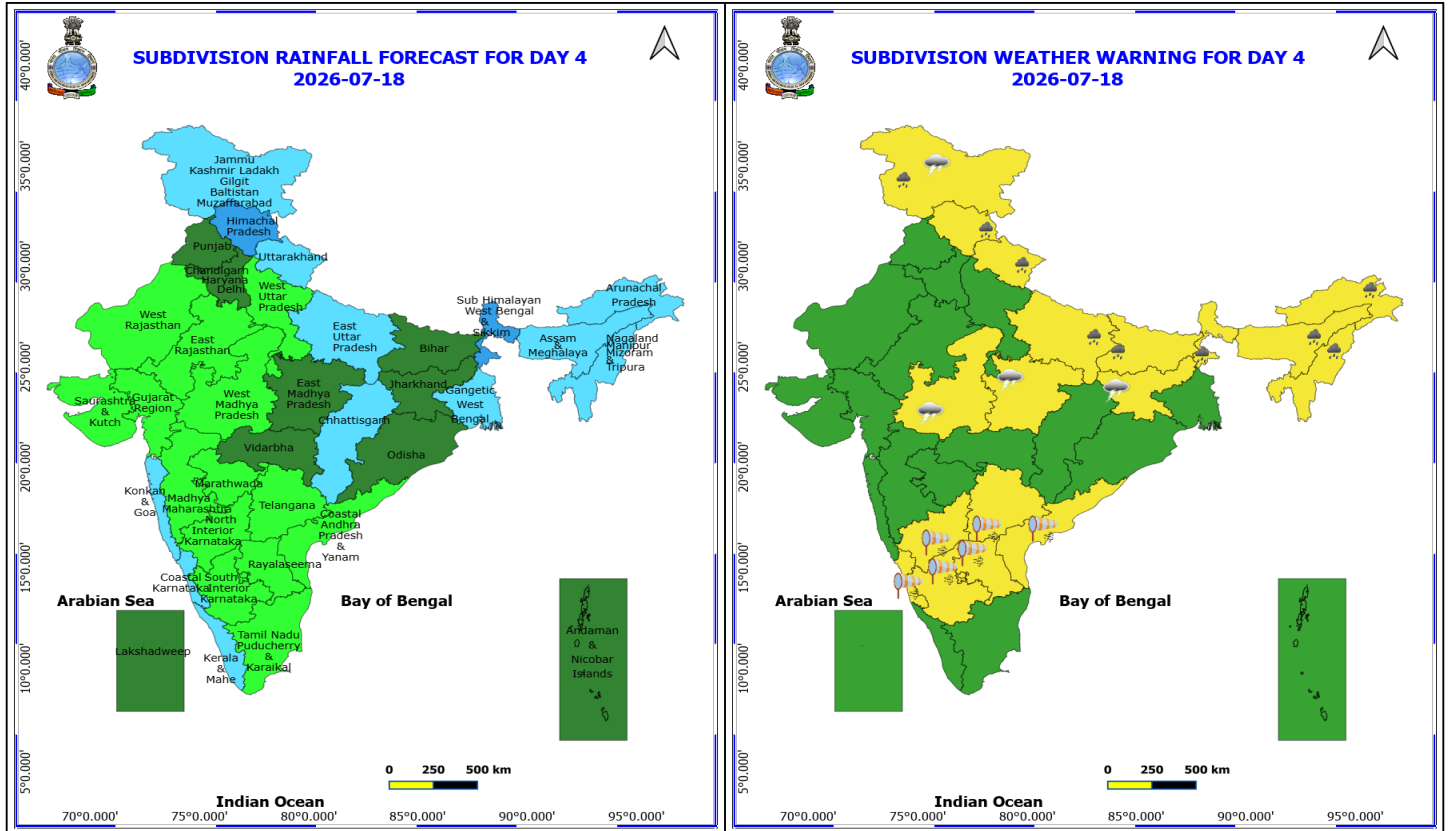
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, East Uttar Pradesh, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Odisha, Uttarakhand and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand and Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Karnataka and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh, Karnataka and Telangana.
- ❖ **Hot and Humid weather** very likely at isolated places over Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over most parts of west central adjoining northwest & eastcentral and some parts of south west Arabian Sea, along and off Somalia, and Oman coasts.
- ❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over south Sri Lanka adjoining few parts of southwest Bay of Bengal
- ❖ **Squally Weather** with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off Odisha, Gangetic West Bengal, over Andaman Sea.

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18 July (Day 4)

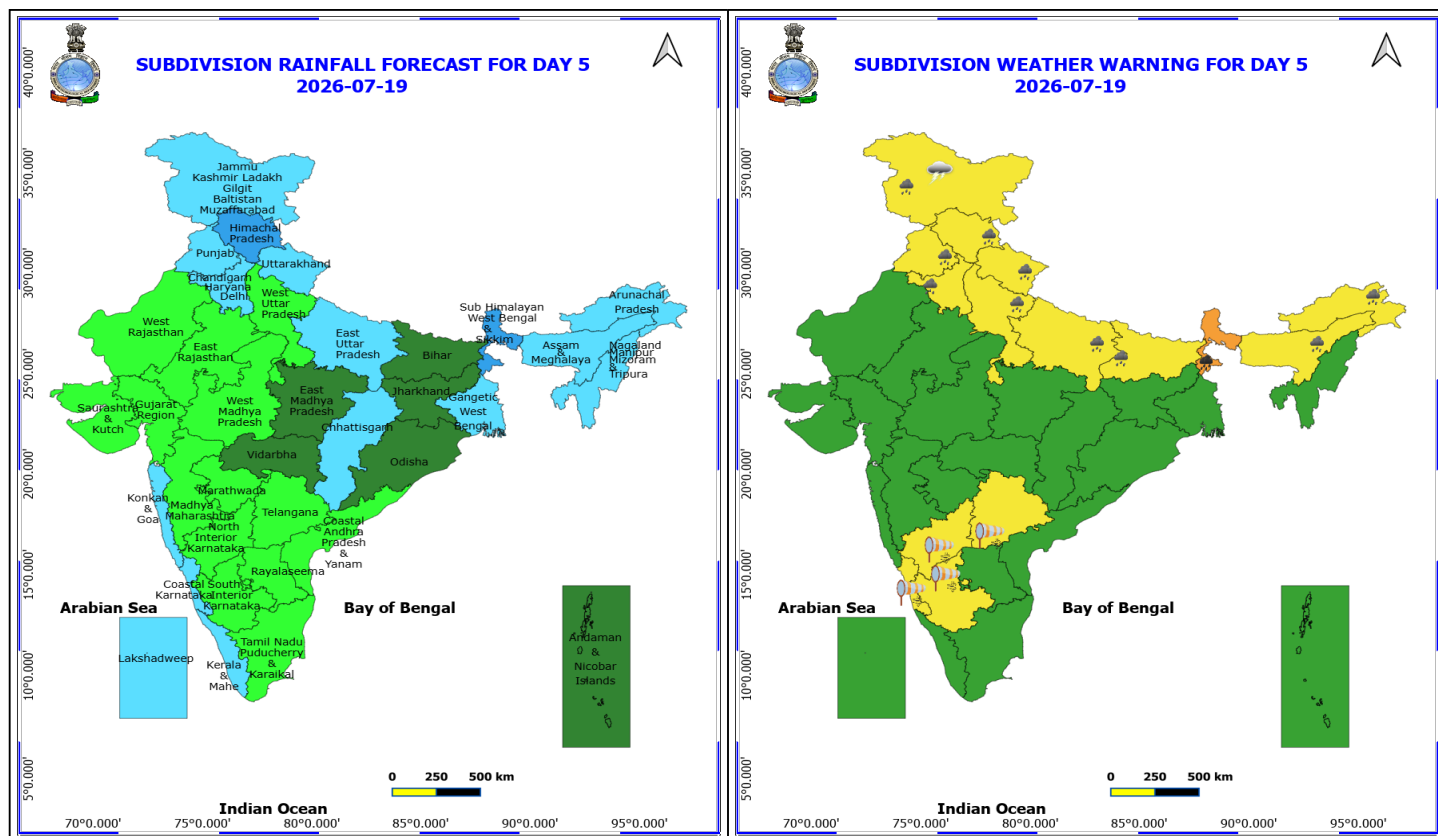
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, East Uttar Pradesh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand and Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Karnataka and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh, Karnataka and Telangana.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over most parts of west central adjoining east central, northwest and some parts of south west Arabian Sea, along and off Somalia, and Oman coasts and north Gujarat adjoining south Gujarat coasts.
- ❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over Gulf of Mannar adjoining southwest Bay of Bengal, south Sri Lanka adjoining southwest Bay of Bengal.
- ❖ **Squally Weather** with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off Odisha, Gangetic West Bengal, northwest adjoining central & northeast Bay of Bengal.

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19 July (Day 5)

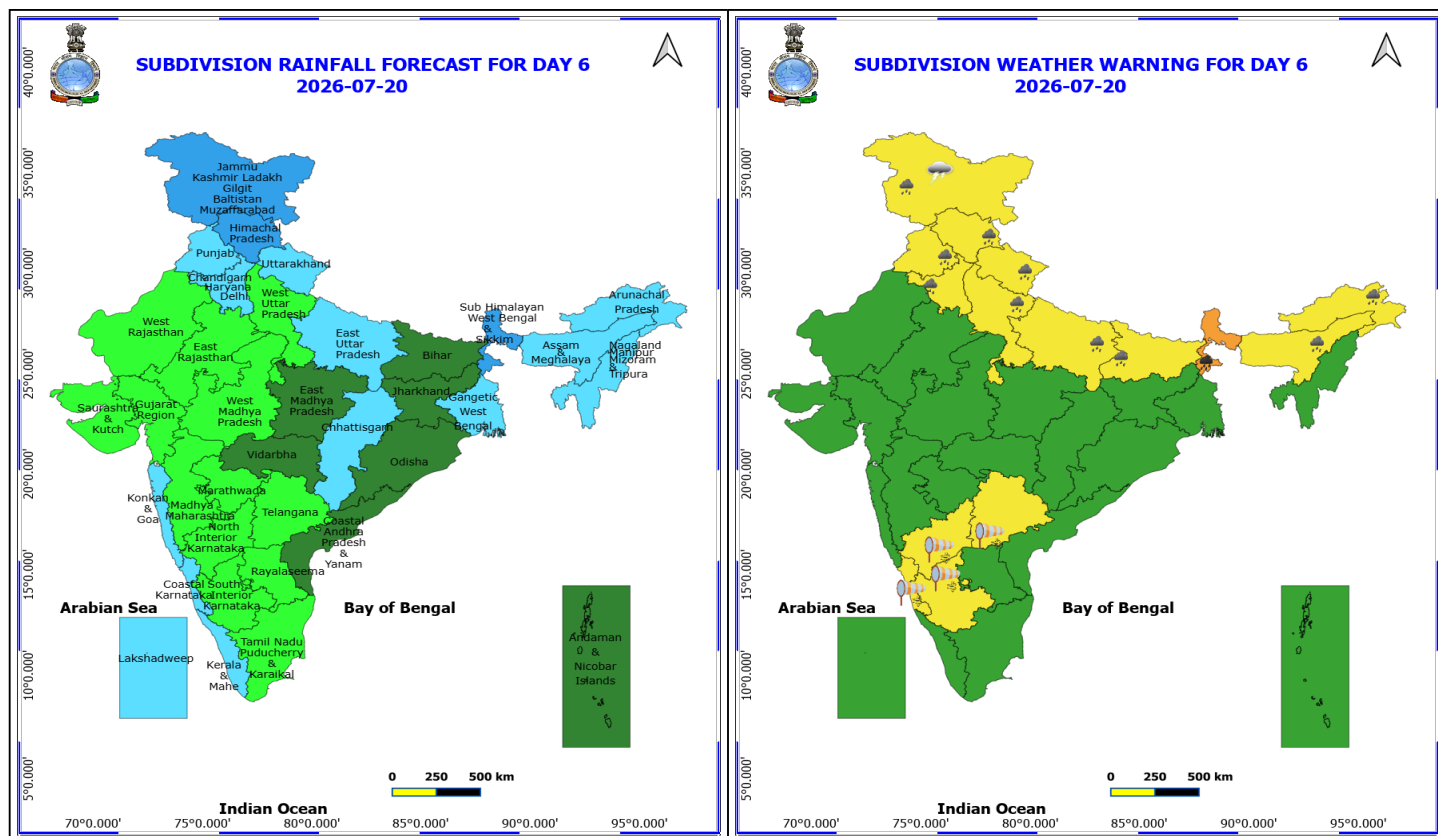
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Karnataka and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Karnataka and Telangana.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over most parts of west central adjoining east central, northwest and some parts of south west Arabian Sea, along and off Somalia, and Oman coasts and north Gujarat adjoining south Gujarat coasts.
- ❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over Gulf of Mannar, south Sri Lanka adjoining southwest Bay of Bengal.
- ❖ **Squally Weather** with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off Odisha, Gangetic West Bengal adjoining northwest Bay of Bengal.

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20 July (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Karnataka and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Karnataka and Telangana.

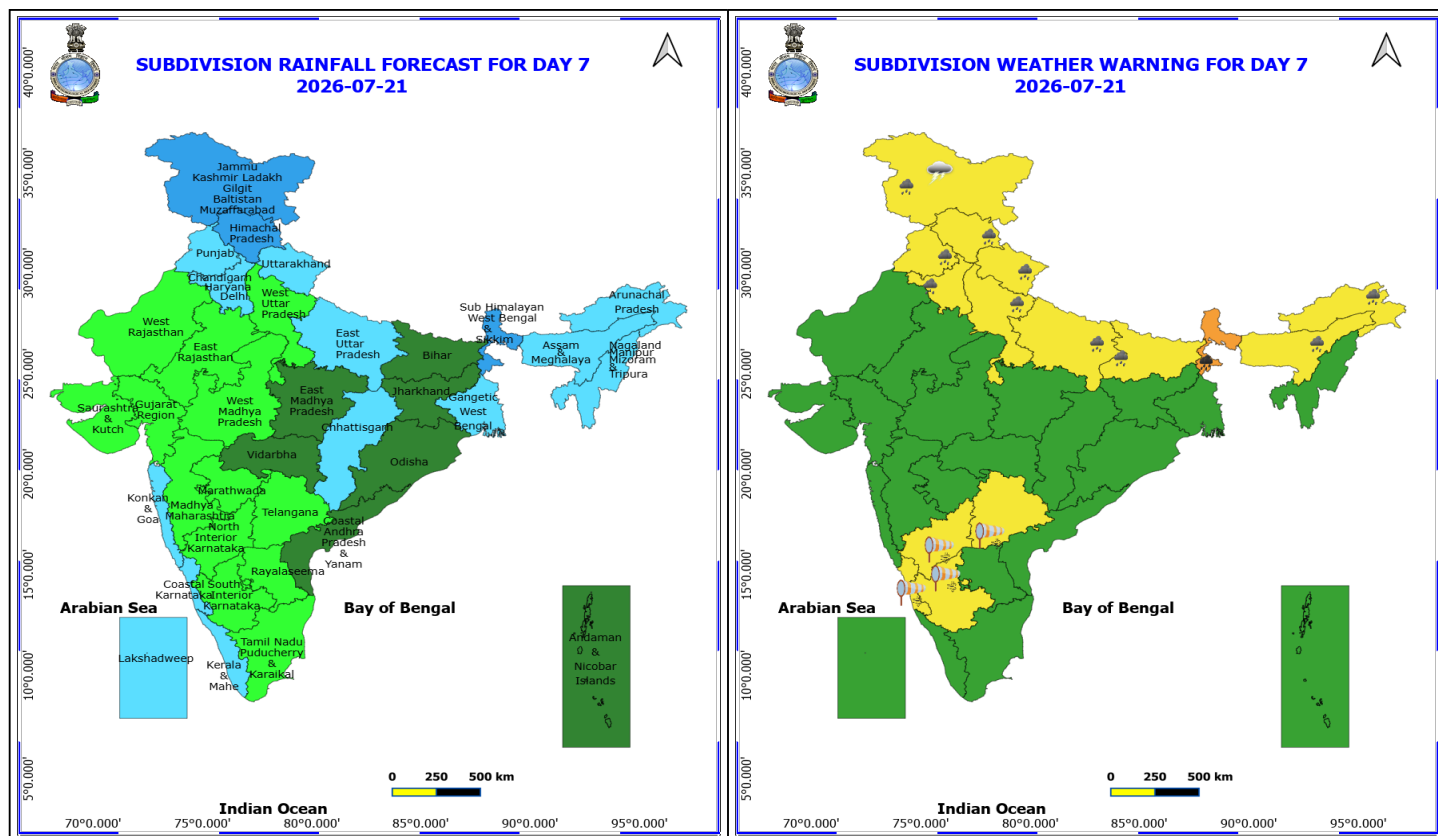
No Fishermen Warning

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21 July (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Karnataka and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Karnataka and Telangana.

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Table-1

7 Days Rainfall Forecast

S.No.	Subdivision	15- Jul	16- Jul	17- Jul	18- Jul	19- Jul	20- Jul	21- Jul
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	FWS	SCT	SCT	SCT	SCT	SCT	SCT
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.	WS	FWS	FWS	FWS	FWS	FWS	FWS
5	S.H. WEST BENGAL & SIKKIM	FWS	FWS	FWS	WS	WS	WS	WS
6	GANGETIC WEST BENGAL	WS	WS	WS	FWS	FWS	FWS	FWS
7	ODISHA	WS	FWS	FWS	SCT	SCT	SCT	SCT
8	JHARKHAND	FWS	FWS	FWS	SCT	SCT	SCT	SCT
9	BIHAR	FWS	FWS	SCT	SCT	SCT	SCT	SCT
10	EAST UTTAR PRADESH	ISOL	ISOL	SCT	FWS	FWS	FWS	FWS
11	WEST UTTAR PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
12	UTTARAKHAND	SCT	FWS	FWS	FWS	FWS	FWS	FWS
13	HARYANA, CHD & DELHI	ISOL	ISOL	ISOL	SCT	FWS	FWS	FWS
14	PUNJAB	ISOL	ISOL	ISOL	SCT	FWS	FWS	FWS
15	HIMACHAL PRADESH	ISOL	ISOL	FWS	WS	WS	WS	WS
16	JAMMU AND KASHMIR AND LADAKH	SCT	SCT	SCT	FWS	FWS	WS	WS
17	WEST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
18	EAST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
19	WEST MADHYA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
20	EAST MADHYA PRADESH	ISOL	ISOL	SCT	SCT	SCT	SCT	SCT
21	GUJRAT REGION	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
22	SAURASHTRA & KUTCH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
23	KONKAN & GOA	SCT	SCT	FWS	FWS	FWS	FWS	FWS
24	MADHYA MAHARASHTRA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
25	MARATHWADA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	ISOL	ISOL	ISOL	SCT	SCT	SCT	SCT
27	CHATTISGARH	SCT	SCT	SCT	FWS	FWS	FWS	FWS
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	SCT
29	TELANGANA	ISOL	ISOL	ISOL	ISOL	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	ISOL	SCT	FWS	FWS	FWS	FWS	FWS
33	NORTH INTERIOR KARNATAKA	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
35	KERALA	SCT	SCT	SCT	FWS	FWS	FWS	FWS
36	LAKSHDWEEP	DRY	DRY	SCT	SCT	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 2026-07-14

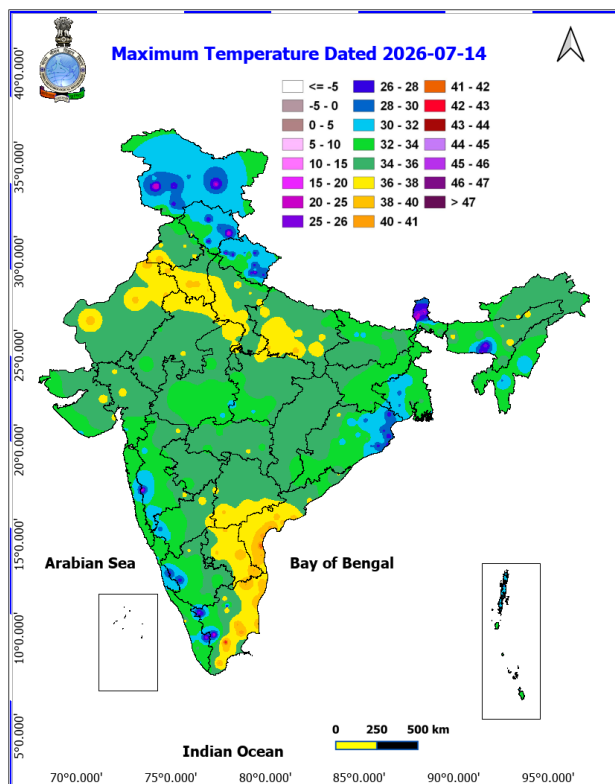


Fig. 2: Departure of Maximum Temp. Dated 2026-07-14

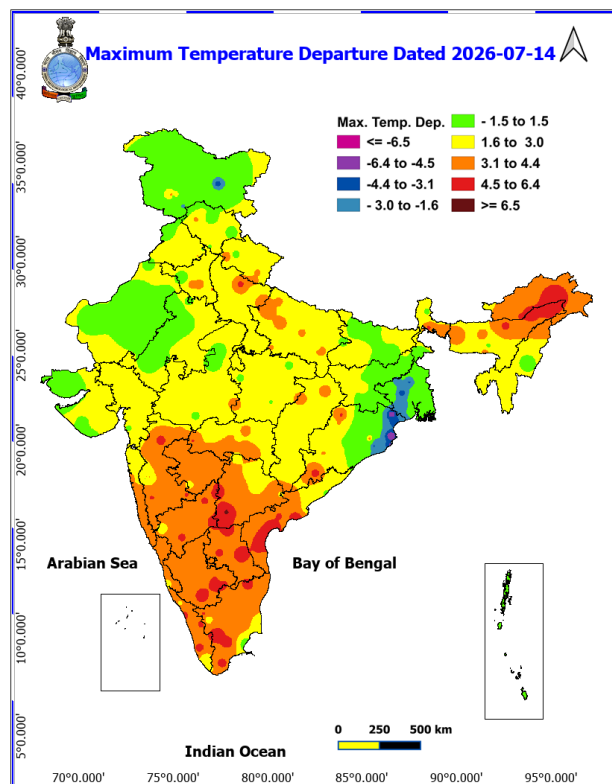


Fig. 3: Minimum Temperatures Dated 2026-07-14

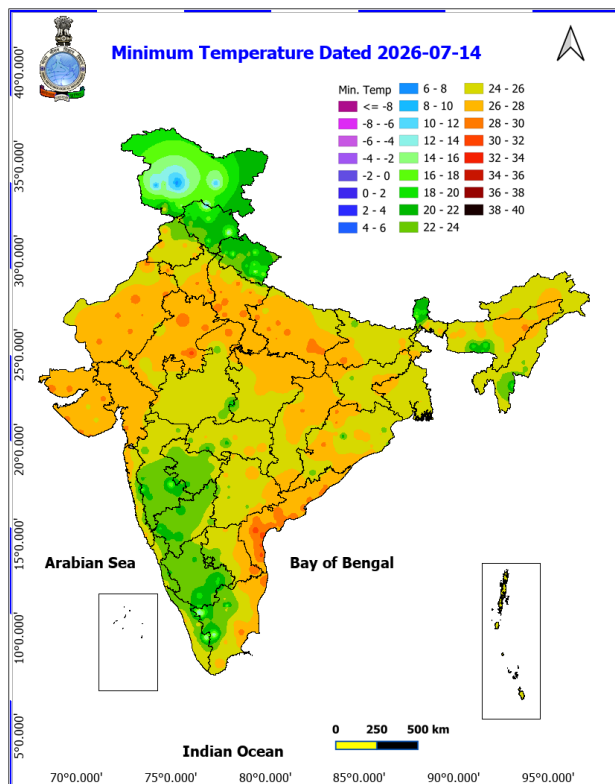
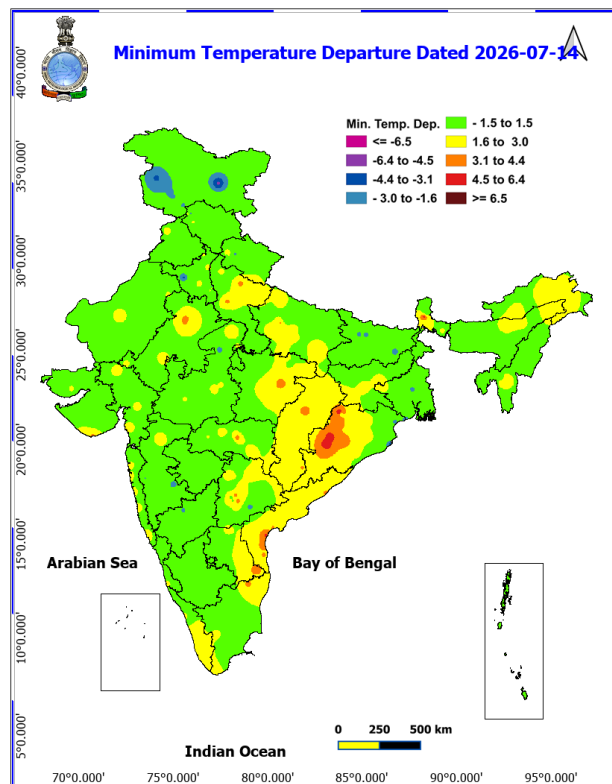
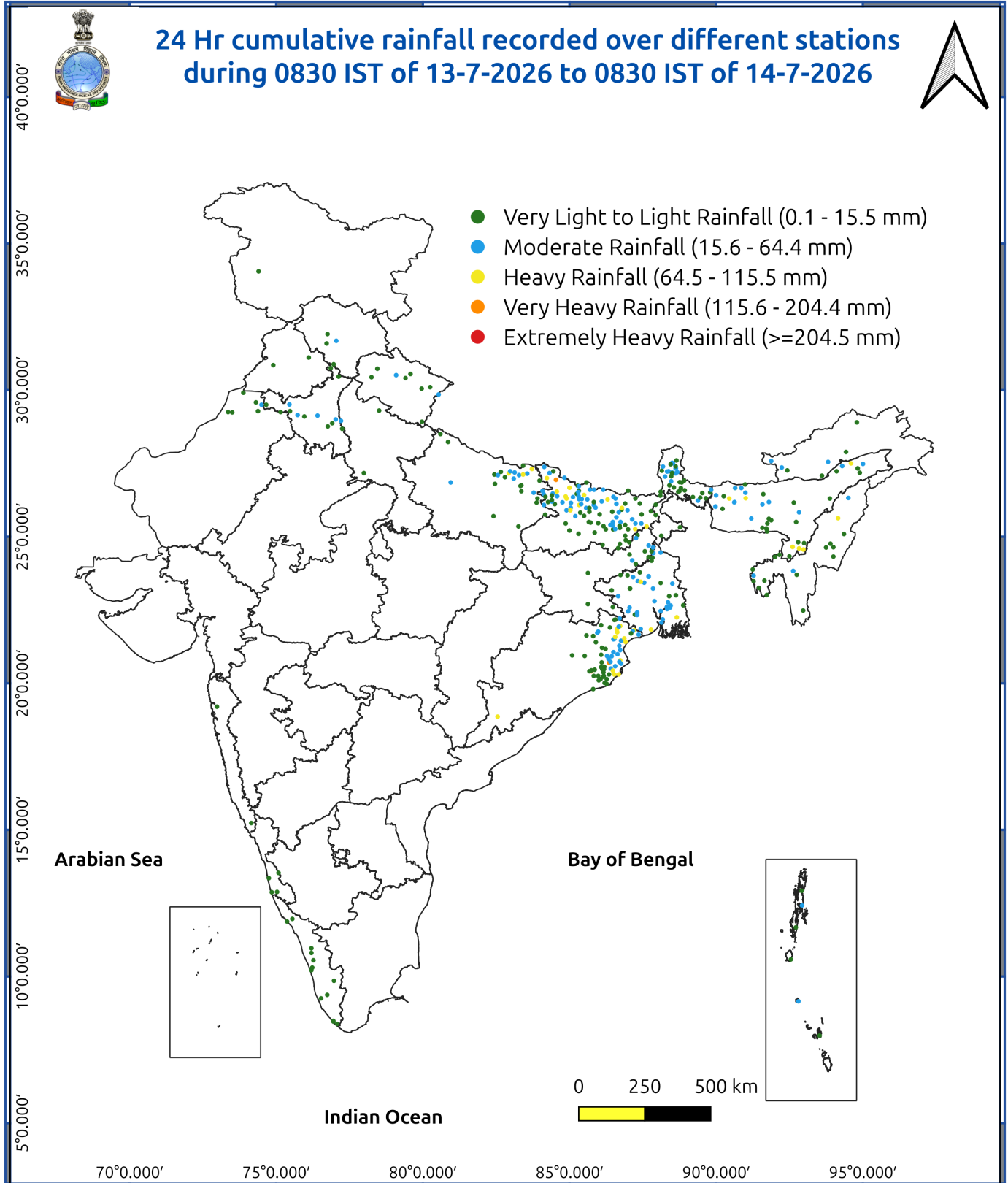


Fig. 4: Departure of Minimum Temp. Dated 2026-07-14





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Impact and Actions

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

Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Odisha on 15th July.

Impact Expected

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

Impact expected and action suggested due to Heat wave conditions:

Heat wave conditions very likely in isolated pockets over Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal on 15th July.

Alert Areas

- High temperature & increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work.
- High health concern for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure– keep cool. Avoid dehydration.
- Drink sufficient water- even if not thirsty.
- Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated.

Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy Rainfall

- In **Odisha**, ensure continuous and effective drainage of excess rainwater from rice, maize, pulses, oilseed and vegetable fields to prevent prolonged waterlogging. Strengthen field bunds and drain excess water from low-lying crop fields. Postpone sowing, transplanting, irrigation, fertilizer and plant protection operations until field conditions improve.
- In **Bihar**, ensure continuous drainage in rice, maize, sesame and pigeon pea fields to prevent prolonged waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- In **Arunachal Pradesh**, ensure continuous drainage of excess rainwater from rice, maize, soybean and finger millet fields to prevent prolonged waterlogging.

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- In **Assam**, ensure continuous and effective drainage of excess rainwater from sugarcane, soybean, pigeon pea, jute, sesame fields and fruit orchards to prevent prolonged waterlogging.
- In **Meghalaya**, ensure proper drainage in rice nursery beds and fields of maize, cowpea, okra and ginger. Strengthen nursery bunds to prevent runoff and seedling washout.
- In **West Bengal**, ensure continuous and effective drainage in rice nurseries, jute, ginger and vegetable fields to prevent prolonged waterlogging. Inspect and strengthen bunds around rice nurseries and harvest mature tea leaves and vegetables wherever field conditions permit.
- In **Nagaland, Manipur, Mizoram and Tripura** ensure proper drainage and remove any accumulated rainwater from soybean, black gram, ginger, turmeric, cole crop and vegetable fields to prevent residual waterlogging.
- In **Sikkim**, ensure proper drainage in rice nurseries and standing crop fields to prevent waterlogging.
- In **Jharkhand**, ensure proper drainage in standing crop fields to prevent waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- In **Chhattisgarh**, ensure proper drainage in rice nurseries and standing fields of maize, soybean, pigeon pea and minor millets to prevent prolonged waterlogging.

Agromet advisories for likely impact of High temperatures/ Heat Waves

- In **Tamil Nadu, Coastal Andhra Pradesh, and Rayalaseema** provide light irrigation to maintain adequate moisture in standing crops

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

- In **Arunachal Pradesh, Assam, Meghalaya, West Bengal and Odisha** post-pone fertilizer application and other field activities.
- In **Telangana and Rayalaseema** provide staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.

Livestock / Poultry / Fisheries

- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store the feed and fodder in a safe place to prevent spoilage.
- In regions with high temperatures and heat wave conditions, provide clean, cool drinking water to animals, and cover the roofs of poultry sheds with grass to reduce the adverse effects of heat.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

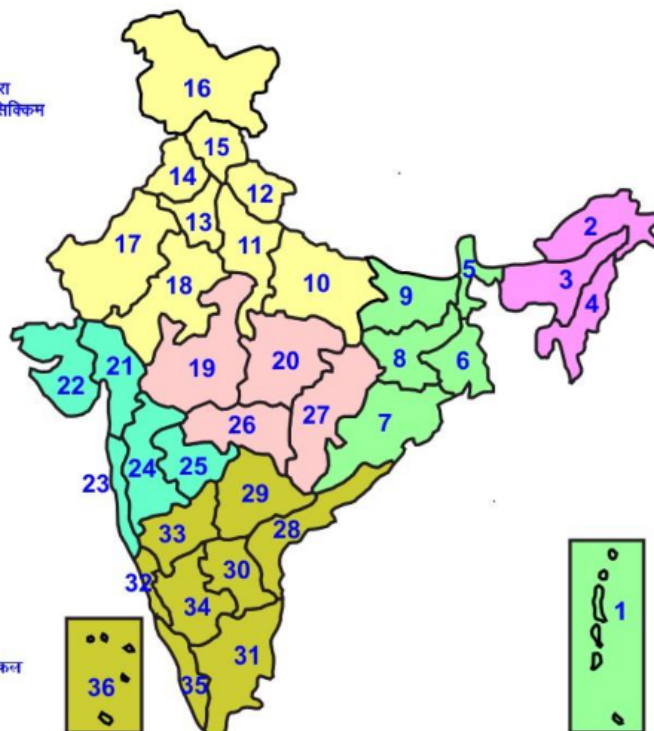
Legends & abbreviations:

Region wise classification of meteorological Sub-Divisions:

- **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
- **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **West India:** Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathawada.
- **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

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 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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