



2026-07-01

Time of Issue: 08:00:00 hours IST  
(MORNING)

## ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

### Advance of Southwest Monsoon 2026:

- ❖ The **Southwest Monsoon** has further advanced into some more parts of Madhya Pradesh, remaining parts of Chhattisgarh, Jharkhand & Bihar, some parts of Uttar Pradesh, most parts of Uttarakhand, and some parts of Himachal Pradesh & Ladakh, yesterday, the 30<sup>th</sup> June, 2026.
- ❖ The **Northern Limit of Monsoon** passes through 20°N/60°E, 20°N/65°E, 20°N/70°E, Surat, Indore, Sagar, Sidhi, Azamgarh, Ayodhya, Bareilly, Dehradun, Mandi, 33.5°N/76.8°E and 35°N/80°E as on 30<sup>th</sup> June.
- ❖ **Conditions are favourable** for further advance of southwest monsoon into some more parts of North Arabian Sea, Gujarat, Madhya Pradesh, Uttar Pradesh, entire Daman & Diu, remaining parts of Uttarakhand, Himachal Pradesh & Ladakh, entire Jammu & Kashmir, most parts of Haryana-Chandigarh-Delhi & Punjab, and some parts of Rajasthan during next 2-3 days.

### Significant Weather Features

#### Northwest India:

- ❖ **Isolated to Scattered** rainfall likely over East Rajasthan, Haryana Chandigarh & Delhi and Punjab on 1st July; West Uttar Pradesh during 4th-6th July; East Uttar Pradesh during 3rd-5th July; West Rajasthan during 01<sup>st</sup> July-6th July.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 1st-6th July; Uttarakhand during 01<sup>st</sup> July -6th July.
- ❖ **Fairly Widespread to Widespread** rainfall likely over East Rajasthan, Haryana Chandigarh & Delhi and Punjab during 2nd-6th July; West Uttar Pradesh during 1st-3rd July; East Uttar Pradesh during 01<sup>st</sup> July-2nd July and on 6th July.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 01<sup>st</sup> July-6th July; Himachal Pradesh during 01<sup>st</sup> July-2nd July and on 6th July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Uttarakhand on 1st July.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Haryana Chandigarh & Delhi and Punjab during 1st-6th July; West Uttar Pradesh during 01<sup>st</sup> July-3rd July; East Uttar Pradesh during 01<sup>st</sup> July-2nd July; West Rajasthan during 3rd-6th July; East Rajasthan during 01<sup>st</sup> July-1st July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over West Rajasthan during 01<sup>st</sup> July-2nd July.
- ❖ Isolated **thunderstorm & lightning** likely over Uttarakhand during 2nd-6th July; West Uttar Pradesh during 4th-6th July; East Uttar Pradesh during 3rd-6th July.
- ❖ Isolated **heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Punjab during 2nd-4th July and on 6th July; Himachal Pradesh on 1st July and during 5th-6th July; Uttarakhand during 3rd-6th July; Haryana Chandigarh & Delhi during 1st-3rd July; West Uttar Pradesh during 2nd-3rd July; East Uttar Pradesh during 1st-2nd July; East Rajasthan during 2nd-6th July with isolated **very heavy rainfall** also likely over Himachal Pradesh during 2nd-4th July; Uttarakhand during 1st-2nd July; West Uttar Pradesh on 1st July;
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Himachal Pradesh during 3rd-5th July; East Rajasthan during 2nd-6th July.
- ❖ **Duststorm** activity likely over West Rajasthan during 2nd-6th July.

#### Central India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Chhattisgarh, East Madhya Pradesh, Vidarbha and West Madhya Pradesh during 1<sup>st</sup> July-6th July.
  - ❖ Isolated **thunderstorm & lightning** likely over East Madhya Pradesh and West Madhya Pradesh during 1<sup>st</sup> July-4th July.
  - ❖ Isolated **heavy rainfall** likely over West Madhya Pradesh on 1st July and during 5th-6th July; East Madhya Pradesh during 4th-6th July; Vidarbha on 4th July; Chhattisgarh during 2nd-6th July with isolated **very heavy rainfall** also likely over West Madhya Pradesh during 2nd-4th July; East Madhya Pradesh and Vidarbha during 1st-3rd July; Chhattisgarh on 1st July.
- Moderate to intense lightning activity on 01<sup>st</sup> July.

#### East India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal, Odisha and Sub-Himalayan West Bengal & Sikkim during 30th June-6th July; Jharkhand during 1<sup>st</sup> July-5th July; Bihar on 1st July.
- ❖ **Isolated to Scattered** rainfall likely over Jharkhand on 6th July; Bihar during 2nd-6th July.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands and Jharkhand during 1<sup>st</sup> July -6th July; Gangetic West Bengal on 1st July; Bihar during 1<sup>st</sup> July-2nd July and during 5th-6th July, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim during 1<sup>st</sup> July-6th July; Gangetic West Bengal during 2nd-6th July; Bihar during 3rd-4th July.
- ❖ Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim on 1st July; Gangetic West Bengal on 1st July and on 4th July; Jharkhand on 1st July; Bihar during 2nd-4th July with isolated **very heavy rainfall** also likely over Gangetic West Bengal during 5th-6th July; Bihar on 1st July; Odisha during 1<sup>st</sup> July-6th July.

#### Northeast India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh during 1<sup>st</sup> July-3rd July; Assam & Meghalaya during 1<sup>st</sup> July-2nd July; Nagaland, Manipur, Mizoram & Tripura during 1<sup>st</sup> July-6th July.
- ❖ **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 4th-6th July; Assam & Meghalaya during 3rd-6th July.
- ❖ Isolated **thunderstorm & lightning** likely over Arunachal Pradesh during 1<sup>st</sup> July-2nd July; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 1<sup>st</sup> July-4th July.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh during 1<sup>st</sup> July -3rd July; Assam & Meghalaya during 1st-2nd July; Nagaland, Manipur, Mizoram & Tripura during 1<sup>st</sup> July-4th July

#### West India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa and Madhya Maharashtra during 1<sup>st</sup> July - 6th July; Marathwada during 2nd-3rd July; Gujarat Region during 3rd-6th July; Saurashtra & Kutch during 5th-6th July.
- ❖ **Isolated to Scattered** rainfall likely over Marathwada on 1st July and during 4th-6th July; Gujarat Region during 1<sup>st</sup> July-2nd July; Saurashtra & Kutch during 1<sup>st</sup> July-4th July.
- ❖ Isolated **thunderstorm & lightning** likely over Madhya Maharashtra during 1<sup>st</sup> July -3rd July; Gujarat Region, Marathwada and Saurashtra & Kutch during 1<sup>st</sup> July -4th July.
- ❖ Isolated **heavy rainfall** likely over Konkan & Goa during 2nd-4th July; Madhya Maharashtra during 1<sup>st</sup> July -6th July; Marathwada during 2nd-3rd July; Gujarat Region on 1st July and during 3rd-4th July; Saurashtra & Kutch during 2nd-3rd July and on 6th July with isolated **very heavy rainfall** also likely over Konkan & Goa on 1st July and during 5th-6th July; Gujarat Region on 2nd July and during 5th-6th July; Saurashtra & Kutch during 4th-5th July.
- ❖ **Heavy to very heavy rainfall** at many places with extremely heavy rainfall likely at isolated places over Konkan & Goa during 02nd -04th July; ghat areas of Madhya Maharashtra on 02nd & 03rd and over Madhya Maharashtra during 04th - 06th July.

#### South Peninsular India:

- ❖ **Isolated to Scattered** rainfall likely over Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 1<sup>st</sup> July-6th July; North Interior Karnataka during 2nd-6th July; South Interior Karnataka during 3rd-6th July; Coastal Andhra Pradesh & Yanam during 1<sup>st</sup> July-3rd July; Telangana during 4th-6th July.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Coastal Karnataka, Kerala & Mahe and Lakshadweep during 1<sup>st</sup> July-6th July; North Interior Karnataka on 1st July; South Interior Karnataka during 1<sup>st</sup> July -2nd July; Coastal Andhra Pradesh & Yanam during 4th-6th July; Telangana during 1st-3rd July.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 1<sup>st</sup> July-4th July; Kerala & Mahe and Lakshadweep during 1<sup>st</sup> July-2nd July; **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Coastal Karnataka and South Interior Karnataka during 1<sup>st</sup> July-6th July; North Interior Karnataka during 1st-4th July; Telangana during 1<sup>st</sup> July-4th July.
- ❖ Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 3rd-4th July; Kerala & Mahe and South Interior Karnataka during 2nd-6th July; Coastal Karnataka during 3rd-6th July; Coastal Andhra Pradesh & Yanam and North Interior Karnataka during 1<sup>st</sup> July-4th July; Telangana during 1<sup>st</sup> July-2nd July with isolated **very heavy rainfall** also likely over Kerala & Mahe and South Interior Karnataka on 1st July; Coastal Karnataka on 2nd July.
- ❖ Strong Surface Winds likely over Coastal Karnataka and South Interior Karnataka during 1<sup>st</sup> July-6th July; Rayalaseema during 1<sup>st</sup> July-4th July; Telangana during 2nd-4th July.

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**Forecast of maximum/day temperatures:**

- ❖ Fall in maximum temperatures by 3-5°C likely over Northwest India till 2<sup>nd</sup> July, and no significant change during 3<sup>rd</sup> to 6<sup>th</sup> July, 2026.
- ❖ No significant change in maximum temperatures likely over the rest parts of country till 06<sup>th</sup> July, 2026.

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

- ❖ **Hot and humid** weather conditions likely to prevail over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 2<sup>nd</sup>-4<sup>th</sup> July.

**Fisherman Warning:**

Fishermen are advised not to venture into the following areas:

- ❖ **Arabian Sea:** along & off Gujarat Konkan, Goa & Karnataka coast and adjoining eastcentral & northeast Arabian Sea, Along and off Kerala coasts, over Lakshadweep area during 1<sup>st</sup> July to 03<sup>rd</sup> July; along and off Somalia coasts and some parts of southwest, central adjoining few parts of north Arabian Sea during 1<sup>st</sup> July to 05<sup>th</sup> July. along and off Oman coasts during 01<sup>st</sup> to 03<sup>rd</sup> July and parts of central Arabian Sea during 1<sup>st</sup> July to 04<sup>th</sup> July.
- ❖ **Bay of Bengal:** Over Gulf of Mannar adjoining Comorin area, south Sri Lanka coasts, many parts of south, central Bay of Bengal, south Myanmar coasts adjoining few parts northeast Bay of Bengal, over Andaman Sea till 05<sup>th</sup> July; along and off Odisha, Gangetic west Bengal and most parts of Bay of Bengal during 03<sup>rd</sup> to 05<sup>th</sup> July, north Andhra Pradesh coast on 5<sup>th</sup> July.

**Main Weather Observations:**

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

❖ **Significant rainfall recorded (in cm)** (from 0830 hours IST to 1730 hours IST of yesterday): **West Madhya Pradesh:** Pachmarhi (dist Narmadapuram) 8; **Gangetic West Bengal:** Midnapore (dist Paschim Medinipur) 7; **Jharkhand:** Daltonganj (dist Palamu) 7; **Uttarakhand:** Dehra Dun-mokampur (dist Dehradun) 6.

❖ **Heavy Rainfall observed** (from 0830 hours IST to 1730 hours IST of yesterday): **Heavy rain** at isolated places over Gangetic West Bengal, Jharkhand and West Madhya Pradesh.

❖ **Minimum Temperature Departures (as on 30-06-2026): markedly above normal (> 5.1°C)** at most places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Sub Himalayan West Bengal & Sikkim. **appreciably above normal (3.1°C to 5.0°C)** at many places over Haryana-Chandigarh-Delhi; at few places over West Rajasthan; at isolated places over Odisha, West Uttar Pradesh, Uttarakhand, Punjab, East Rajasthan and Gujarat Region. **above normal(1.6°C to 3.0°C)** at many places over East Rajasthan and Gujarat Region; at most places over Chhattisgarh; at few places over Andaman & Nicobar Islands, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Punjab, West Rajasthan and Saurashtra & Kutch; at isolated places over Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Odisha, Bihar, East Uttar Pradesh, West Madhya Pradesh, Madhya Maharashtra, Marathwada and Coastal Andhra Pradesh & Yanam. **near normal(-1.5°C to 1.5°C)** at many places over Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, West Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa, Vidarbha, Telangana, Rayalaseema and Coastal Karnataka; at most places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Bihar, East Madhya Pradesh, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh & Yanam, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe and Lakshadweep; at few places over Andaman & Nicobar Islands, Odisha, West Uttar Pradesh and West Rajasthan; at isolated places over East Uttar Pradesh, Uttarakhand, Punjab and Gujarat Region. **The lowest minimum temperature** of 20.0°C was reported at NAYAGARH (ORISSA), HARDOI (UTTAR PRADESH), GADAG (KARNATAKA), and MYSORE (KARNATAKA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 30-06-2026): markedly above normal (> 5.1°C)** at few places over Arunachal Pradesh, Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Odisha and East Uttar Pradesh. **appreciably above normal (3.1°C to 5.0°C)** at many places over Haryana-Chandigarh-Delhi; at few places over Assam & Meghalaya and Punjab; at isolated places over West Uttar Pradesh, West Rajasthan, East Rajasthan, Gujarat Region, Saurashtra & Kutch, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **above normal (1.6°C to 3.0°C)** at few places over Andaman & Nicobar Islands; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Uttarakhand, West Madhya Pradesh, Madhya Maharashtra, Telangana and Rayalaseema. **near normal (-1.5°C to 1.5°C)** at many places over Konkan & Goa, Vidarbha and Coastal Karnataka; at most places over Marathwada, Chhattisgarh, North Interior Karnataka, South Interior Karnataka and Lakshadweep; at few places over Jharkhand, Bihar, East Madhya Pradesh and Kerala & Mahe. **The highest maximum temperature** of 44.0°C was reported at BHATINDA (PUNJAB).

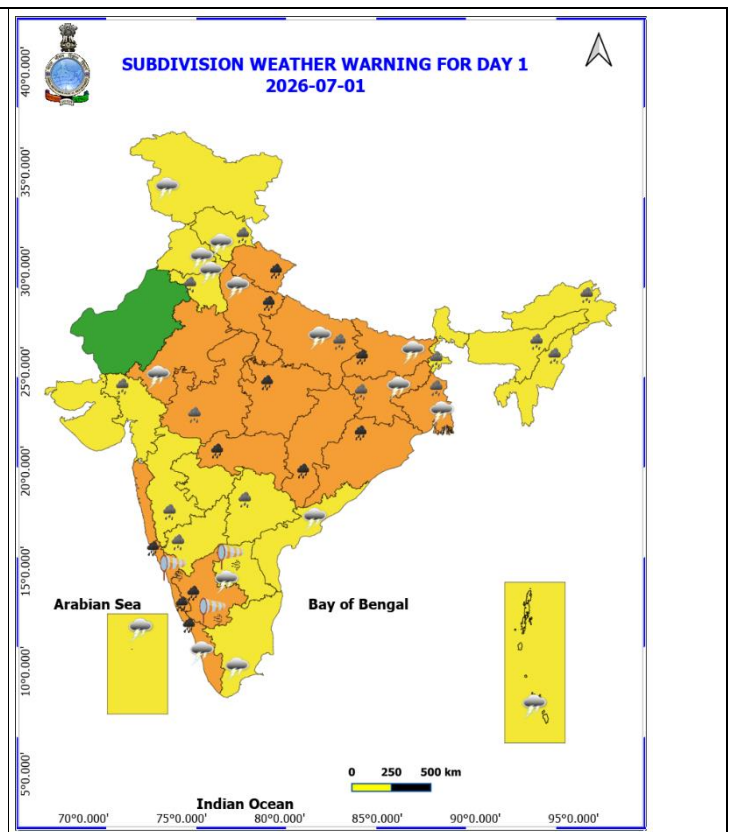
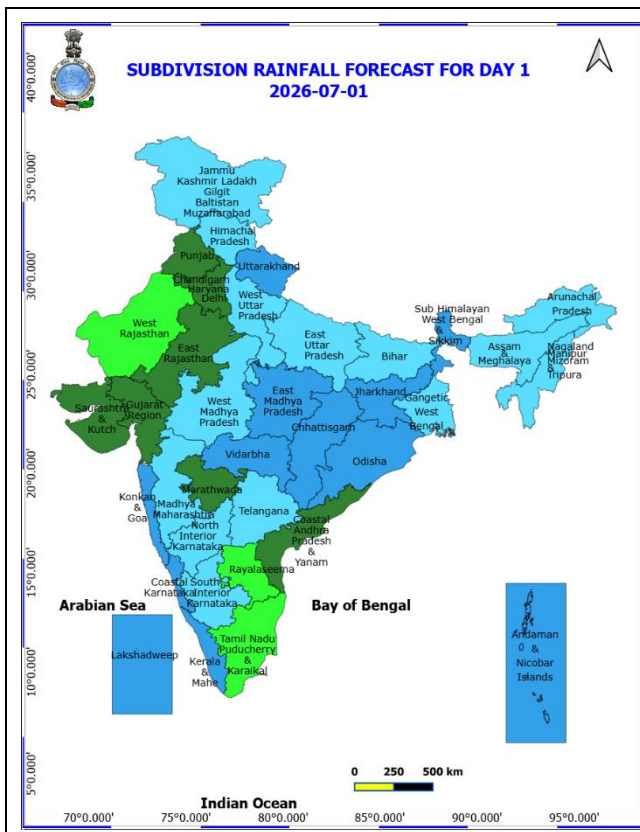
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- ❖ The **Southwest Monsoon** has further advanced into some more parts of Madhya Pradesh, remaining parts of Chhattisgarh, Jharkhand & Bihar, some parts of Uttar Pradesh, most parts of Uttarakhand, and some parts of Himachal Pradesh & Ladakh, yesterday the 30<sup>th</sup> June, 2026.
- ❖ The **Northern Limit of Monsoon** continues to pass through 20°N/60°E, 20°N/65°E, 20°N/70°E, Surat, Indore, Sagar, Sidhi, Azamgarh, Ayodhya, Bareilly, Dehradun, Mandi, 33.5°N/76.8°E and 35°N/80°E as on 30<sup>th</sup> June.
- ❖ **Conditions are favourable** for further advance of southwest monsoon into some more parts of North Arabian Sea, Gujarat, Madhya Pradesh, Uttar Pradesh, entire Daman & Diu, remaining parts of Uttarakhand, Himachal Pradesh & Ladakh, entire Jammu & Kashmir, most parts of Haryana-Chandigarh-Delhi & Punjab, and some parts of Rajasthan during next 2-3 days.
- ❖ The **seasonal trough** at mean sea level from Punjab to north Bay of Bengal and extends upto 0.9 km above mean sea level persists.
- ❖ The **upper air cyclonic circulation** over north Bay of Bengal adjoining south Bangladesh between 1.5 & 5.8 km above mean sea level titling southwestwards with height persists. Under its influence, a **Low-Pressure Area** is likely to form over northwest Bay of Bengal & neighbourhood around 3<sup>rd</sup> July, 2026.
- ❖ The **upper air cyclonic circulation** over east Bihar & neighbourhood at 1.5 km above mean sea level persists.
- ❖ The **off-shore trough** at mean sea level from Maharashtra to north Kerala persists.
- ❖ The **trough** from south central Madhya Pradesh to Eastcentral Arabian Sea across Marathwada, Madhya Maharashtra & Konkan & Goa between 4.5 & 5.8 km above mean sea level persists.
- ❖ The **upper air cyclonic circulation** over northeast Assam & neighbourhood at 1.5 km above mean sea level persists.
- ❖ The **trough** in middle tropospheric westerlies with its axis at 4.5 km above mean sea level roughly along Long 86°E to the north of Lat 25°N persists.
- ❖ A fresh **Western Disturbance** is likely to affect Northwest India from 02nd July, 2026.



### 01<sup>st</sup> July (Day 1)

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

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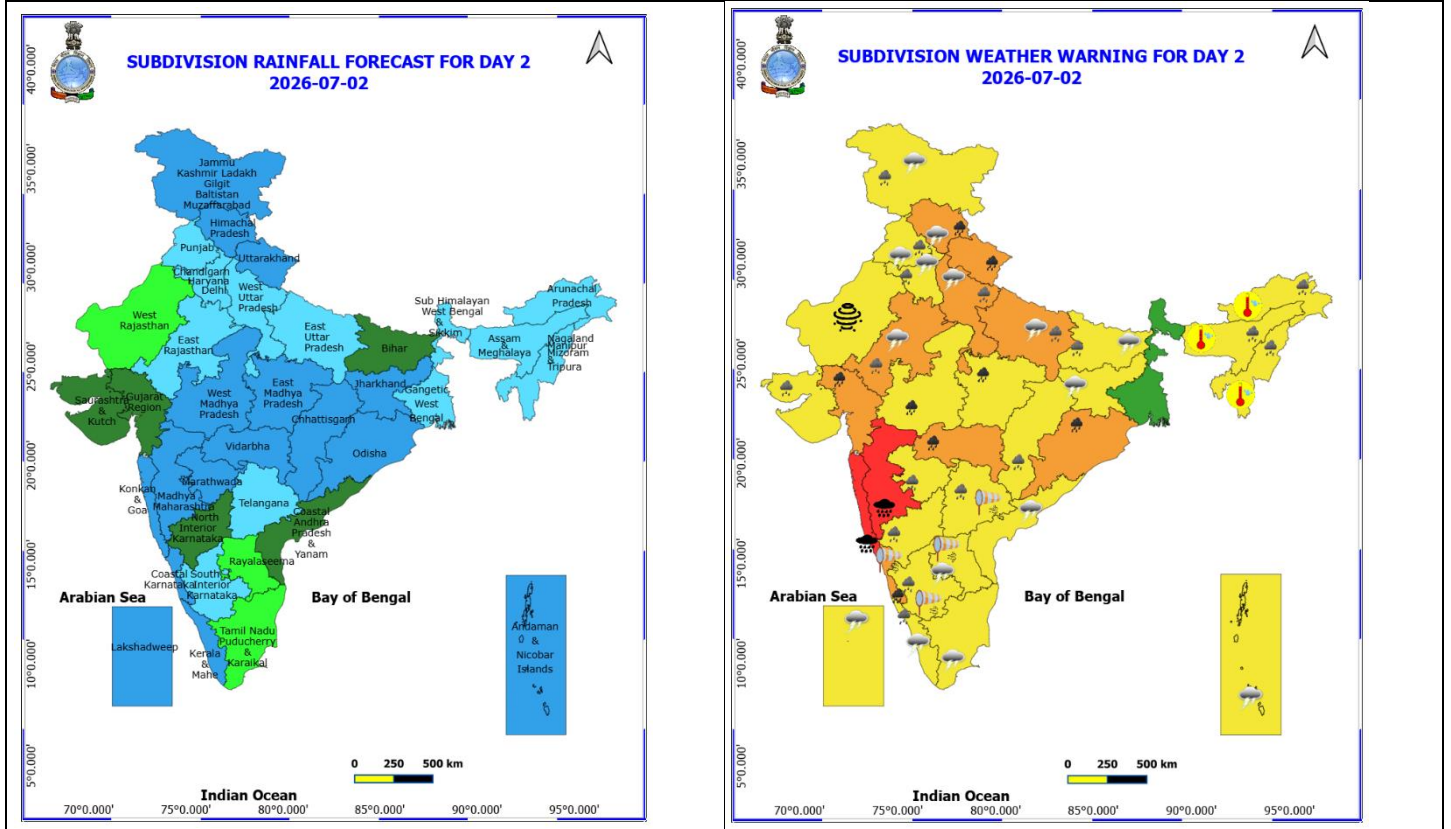
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- ❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia coasts, some parts of southwest and many parts of westcentral adjoining Eastcentral & Northwest Arabian Sea adjoining Oman coast.
- ❖ **Squally weather with wind speed 40-50 gusting to 60 kmph** is likely to prevail along & off Gujarat, Konkan & Goa, Karnataka, Kerala coasts, Lakshadweep area and adjoining eastcentral & northeast Arabian Sea, Comorin area.
- ❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over some parts of southwest Bay of Bengal.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar; most parts of south Bay of Bengal adjoining westcentral & eastcentral Bay of Bengal and over Andaman Sea adjoining south Myanmar coasts & eastcentral Bay of Bengal.



2<sup>nd</sup> July (Day 2)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Konkan & Goa and Madhya Maharashtra.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Coastal Karnataka, Gujarat Region, Himachal Pradesh, Madhya Pradesh, Odisha, Uttarakhand and Vidarbha.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, East Rajasthan, Haryana, Chandigarh & Delhi, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Punjab, Saurashtra & Kutch, Telangana and Uttar Pradesh.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over East Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Lakshadweep, Punjab, Tamil Nadu Puducherry & Karaikal and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Karnataka, Telangana, West Bengal & Sikkim and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Gujarat State, Madhya Maharashtra, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.

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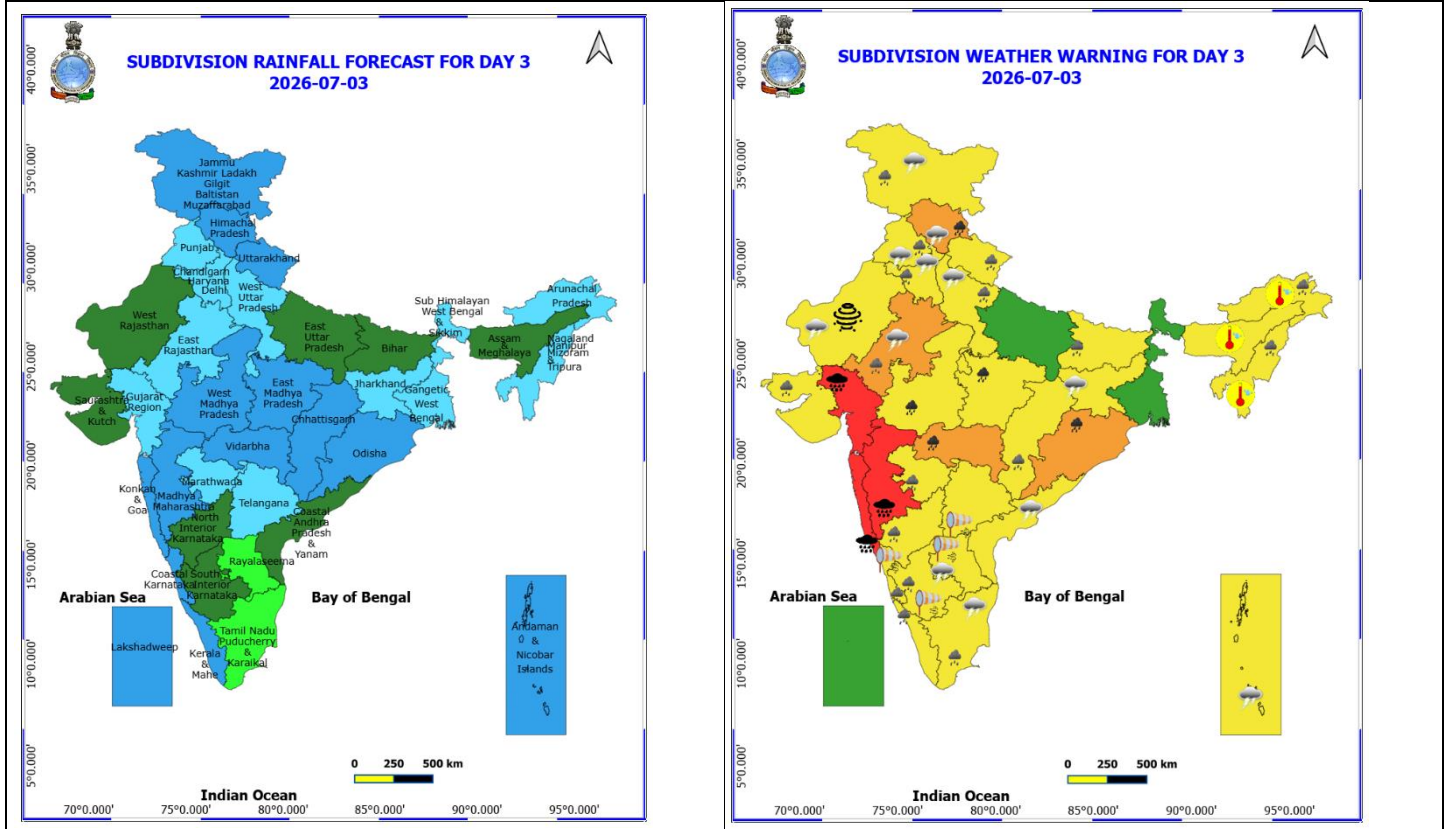
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- ❖ **Dust Storm** very likely at isolated places over West Rajasthan.
- ❖ **Strong Surface Winds** very likely at isolated places over Coastal Karnataka, Rayalaseema, South Interior Karnataka and Telangana.
- ❖ **Hot and Humid weather** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia coasts, some parts of southwest and many parts of westcentral adjoining Eastcentral & Northwest Arabian Sea adjoining Oman coast.
- ❖ Squally weather with wind speed 40-50 gusting to 60 kmph is likely to prevail along & off Gujarat, Konkan & Goa, Karnataka, Kerala coasts, Lakshadweep area and adjoining eastcentral & northeast Arabian Sea, Comorin area.
- ❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off 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 over Gulf of Mannar, most parts of central adjoining south & northeast Bay of Bengal and Andaman Sea.



**3<sup>rd</sup> July (Day 3)**

**Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Gujarat Region, Konkan & Goa and Madhya Maharashtra.

❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Himachal Pradesh, Madhya Pradesh, Odisha and Vidarbha.

❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Bihar, Chhattisgarh, East Rajasthan, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Karnataka, Kerala & Mahe, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Punjab, Saurashtra & Kutch, Tamil Nadu Puducherry & Karaikal, Uttarakhand and West Uttar Pradesh.

❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over East Rajasthan and Himachal Pradesh.

❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Punjab, Tamil Nadu Puducherry & Karaikal, West Rajasthan and West Uttar Pradesh.

❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Karnataka, Telangana and West Bengal & Sikkim.

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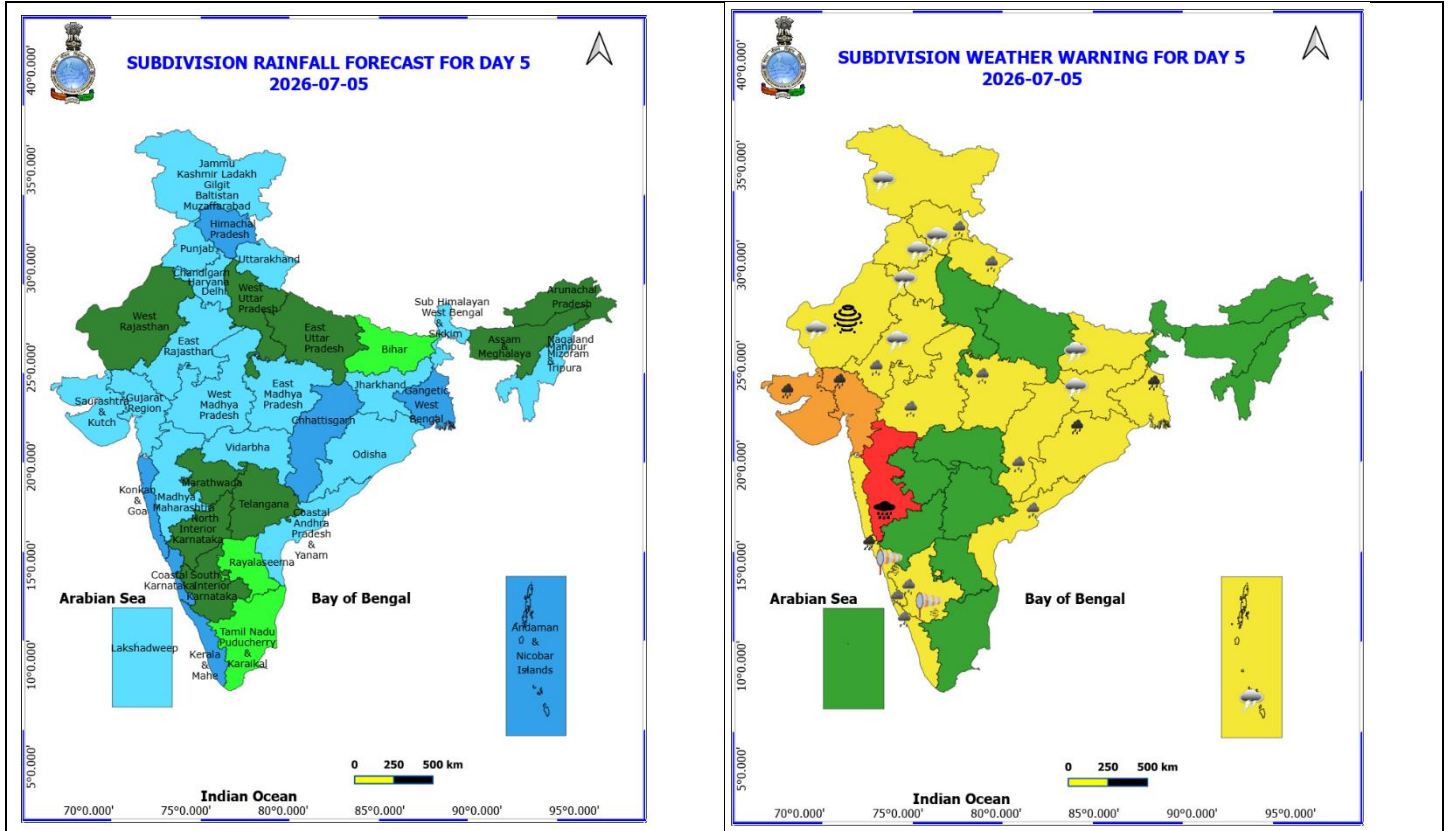


- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, East Uttar Pradesh, Gujarat State, Madhya Maharashtra, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Dust Storm** likely at isolated places over West Rajasthan.
- ❖ **Strong Surface Winds** likely at isolated places over Coastal Karnataka, Rayalaseema, South Interior Karnataka and Telangana.
- ❖ **Hot and Humid weather** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia coasts, some parts of southwest and many parts of westcentral adjoining eastcentral & northwest Arabian Sea adjoining Oman coast.
- ❖ Squally weather with wind speed 40-50 gusting to 60 kmph is likely to prevail along & off Gujarat, Konkan & Goa, Karnataka coasts and adjoining eastcentral & northeast Arabian Sea.
- ❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over some parts of central adjoining south Bay of Bengal.
- ❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over Gulf of Mannar & adjoining Comorin area, along and off Odisha, Gangetic west Bengal, off north Andhra Pradesh coasts, most parts of Bay of Bengal. and Andaman Sea





- ❖ **Dust Storm** likely at isolated places over West Rajasthan.
- ❖ **Strong Surface Winds** likely at isolated places over Coastal Karnataka, Rayalaseema, South Interior Karnataka and Telangana.
- ❖ **Hot and Humid weather** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia coasts, some parts of southwest and many parts of westcentral adjoining eastcentral & northwest Arabian Sea adjoining Oman coast.
- ❖ Squally weather with wind speed 40-50 gusting to 60 kmph is likely to prevail along & off Gujarat, Konkan & Goa, Karnataka coasts and adjoining eastcentral & northeast Arabian Sea.
- ❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph likely to prevail over some parts of central & south Bay of Bengal.
- ❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over Gulf of Mannar & adjoining Comorin area, along and off Odisha, Gangetic west Bengal, off north Andhra Pradesh coasts, most parts of Bay of Bengal. and Andaman Sea.



**5<sup>th</sup> July (Day 5)**

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Gujarat Region, Konkan & Goa and Madhya Maharashtra.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Himachal Pradesh, Odisha, Saurashtra & Kutch and West Madhya Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, East Rajasthan, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Karnataka, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Punjab, Tamil Nadu Puducherry & Karaikal, Uttarakhand and Vidarbha.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over East Rajasthan and Himachal Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Punjab, Tamil Nadu Puducherry & Karaikal and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Karnataka, Telangana and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Gujarat State, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Uttar Pradesh and Uttarakhand.

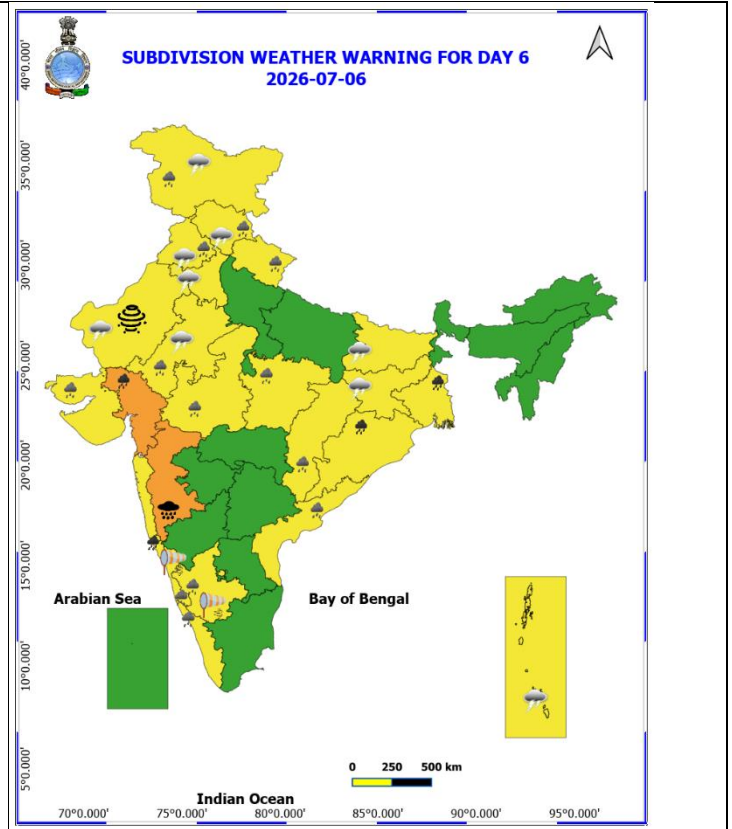
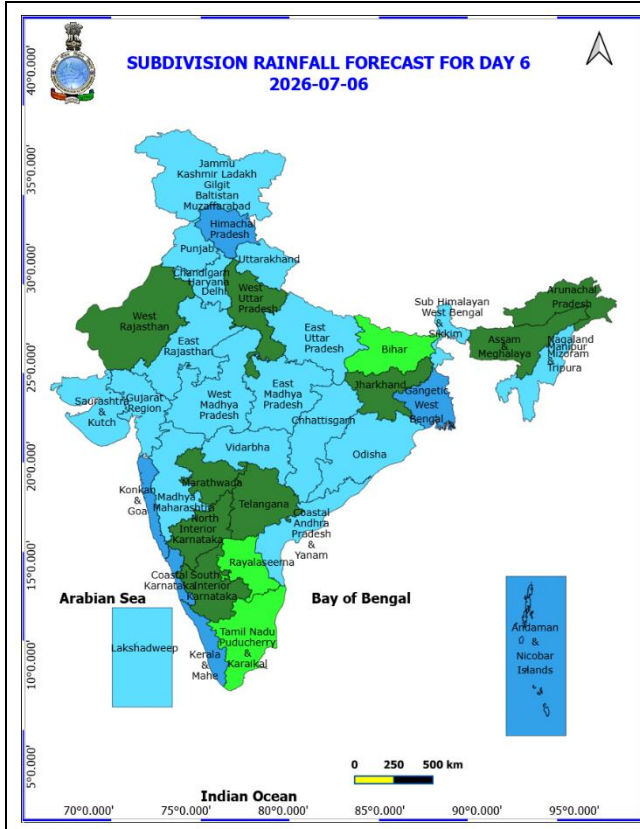
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- ❖ **Dust Storm** likely at isolated places over West Rajasthan.
- ❖ **Strong Surface Winds** likely at isolated places over Coastal Karnataka, Rayalaseema, South Interior Karnataka and Telangana.
- ❖ **Hot and Humid weather** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia coasts, some parts of southwest and many parts of westcentral adjoining eastcentral & northwest Arabian Sea adjoining Oman coast.
- ❖ Squally weather with wind speed 40-50 gusting to 60 kmph is likely to prevail along & off Gujarat, Konkan & Goa, Karnataka coasts and adjoining eastcentral & northeast Arabian Sea.
- ❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over some parts of central & south Bay of Bengal.
- ❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over Gulf of Mannar & adjoining Comorin area, along and off Odisha, Gangetic west Bengal, off north Andhra Pradesh coasts, most parts of Bay of Bengal. and Andaman Sea



6<sup>th</sup> July (Day 6)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Madhya Maharashtra.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Gangetic West Bengal, Gujarat Region, Konkan & Goa and Odisha.
- ❖ **Heavy Rainfall** likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh, Coastal Karnataka, East Rajasthan, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffargarh, Kerala & Mahe, Madhya Pradesh, Punjab, Saurashtra & Kutch, South Interior Karnataka and Uttarakhand.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over East Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffargarh, Jharkhand, Punjab and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Coastal Karnataka, South Interior Karnataka and West Bengal & Sikkim.

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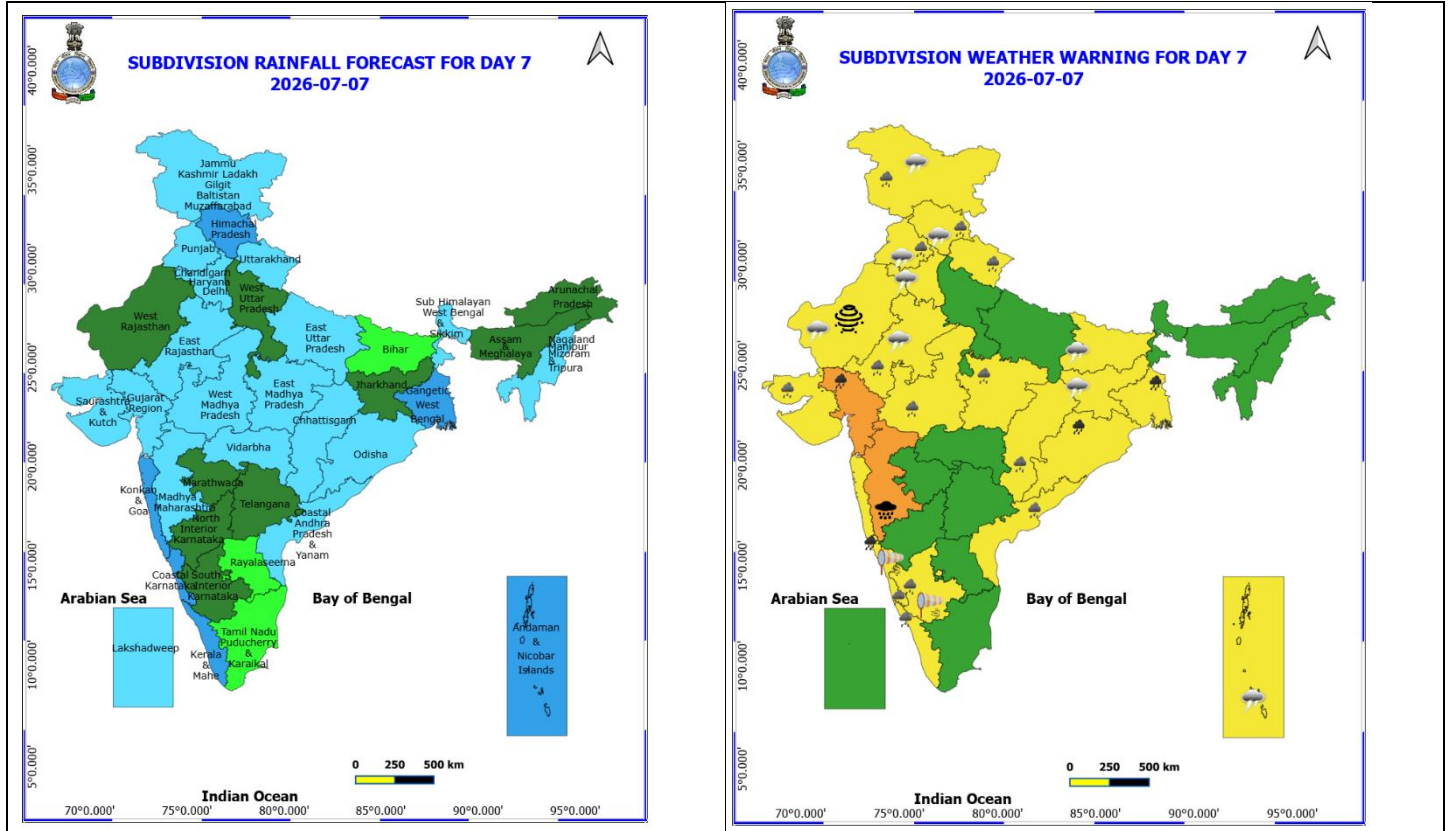
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- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttar Pradesh and Uttarakhand.
- ❖ **Dust Storm** likely at isolated places over West Rajasthan.
- ❖ **Strong Surface Winds** likely at isolated places over Coastal Karnataka and South Interior Karnataka.



7<sup>th</sup> July (Day 7)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Madhya Maharashtra.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Gangetic West Bengal, Gujarat Region, Konkan & Goa and Odisha.
- ❖ **Heavy Rainfall** likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh, Coastal Karnataka, East Rajasthan, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Madhya Pradesh, Punjab, Saurashtra & Kutch, South Interior Karnataka and Uttarakhand.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over East Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Punjab and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Coastal Karnataka, South Interior Karnataka and West Bengal & Sikkim.

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- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttar Pradesh and Uttarakhand.
- ❖ **Dust Storm** likely at isolated places over West Rajasthan.
- ❖ **Strong Surface Winds** likely at isolated places over Coastal Karnataka and South Interior Karnataka.



## Table-1

Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	1- Jul	2- Jul	3- Jul	4- Jul	5- Jul	6- Jul	7- 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	WS
2	ARUNACHAL PRADESH	FWS	FWS	FWS	SCT	SCT	SCT	SCT
3	ASSAM & MEHGHALAYA	FWS	FWS	SCT	SCT	SCT	SCT	SCT
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	FWS	FWS	FWS	FWS	FWS	FWS	FWS
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	WS	FWS	FWS	FWS	FWS	FWS	FWS
6	GANGETIC WEST BENGAL	FWS	FWS	FWS	WS	WS	WS	WS
7	ODISHA	WS	WS	WS	WS	FWS	FWS	FWS
8	JHARKHAND	WS	WS	FWS	FWS	FWS	SCT	SCT
9	BIHAR	FWS	SCT	SCT	ISOL	ISOL	ISOL	ISOL
10	EAST UTTAR PRADESH	FWS	FWS	SCT	SCT	SCT	FWS	FWS
11	WEST UTTAR PRADESH	FWS	FWS	FWS	SCT	SCT	SCT	SCT
12	UTTARAKHAND	WS	WS	WS	FWS	FWS	FWS	FWS
13	HARYANA, CHANDIGARH & DELHI	SCT	FWS	FWS	FWS	FWS	FWS	FWS
14	PUNJAB	SCT	FWS	FWS	FWS	FWS	FWS	FWS
15	HIMACHAL PRADESH	FWS	WS	WS	FWS	WS	WS	WS
16	JAMMU AND KASHMIR AND LADAKH	FWS	WS	WS	WS	FWS	FWS	FWS
17	WEST RAJASTHAN	ISOL	ISOL	SCT	SCT	SCT	SCT	SCT
18	EAST RAJASTHAN	SCT	FWS	FWS	FWS	FWS	FWS	FWS
19	WEST MADHYA PRADESH	FWS	WS	WS	WS	FWS	FWS	FWS
20	EAST MADHYA PRADESH	WS	WS	WS	WS	FWS	FWS	FWS
21	GUJRAT REGION	SCT	SCT	FWS	FWS	FWS	FWS	FWS
22	SAURASHTRA & KUTCH	SCT	SCT	SCT	SCT	FWS	FWS	FWS
23	KONKAN & GOA	WS	WS	WS	WS	WS	WS	WS
24	MADHYA MAHARASHTRA	FWS	WS	WS	FWS	FWS	FWS	FWS
25	MARATHWADA	SCT	WS	FWS	SCT	SCT	SCT	SCT
26	VIDARBHA	WS	WS	WS	WS	FWS	FWS	FWS
27	CHHATTISGARH	WS	WS	WS	WS	WS	FWS	FWS
28	COASTAL ANDHRA PRADESH	SCT	SCT	SCT	FWS	FWS	FWS	FWS
29	TELANGANA	FWS	FWS	FWS	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	SCT	SCT	SCT	SCT	SCT	SCT
34	SOUTH INTERIOR KARNATAKA	FWS	FWS	SCT	SCT	SCT	SCT	SCT
35	KERALA AND MAHE	WS	WS	WS	WS	WS	WS	WS
36	LAKSHADWEEP	WS	WS	WS	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 2026-06-30

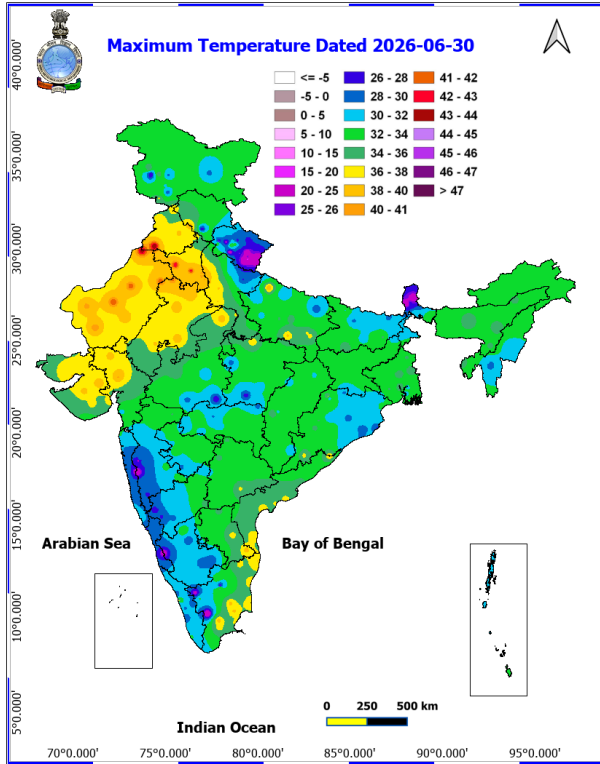


Fig. 2: Departure of Maximum Temp. Dated 2026-06-30

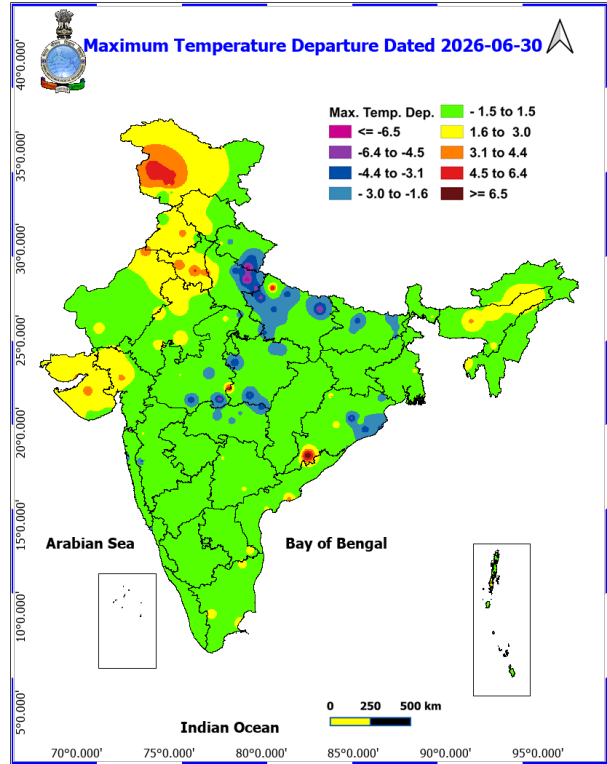


Fig. 3: Minimum Temperatures Dated 2026-06-30

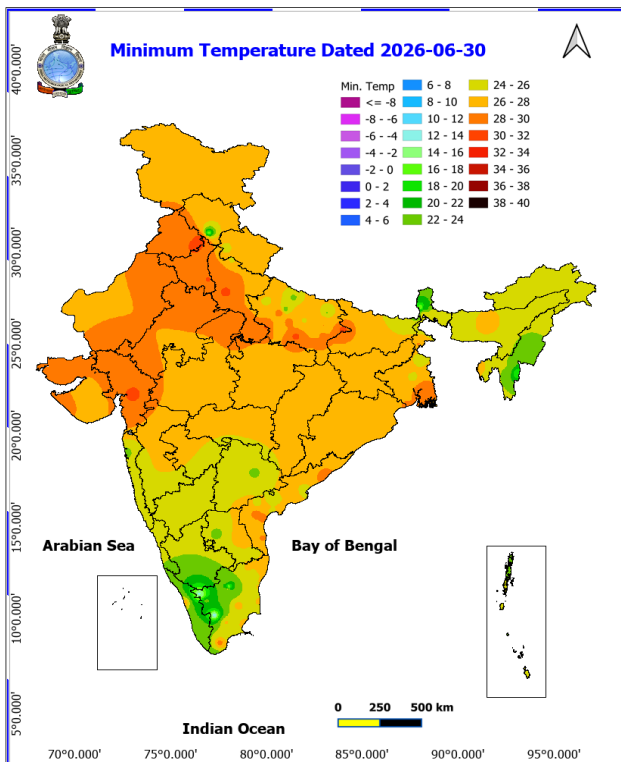
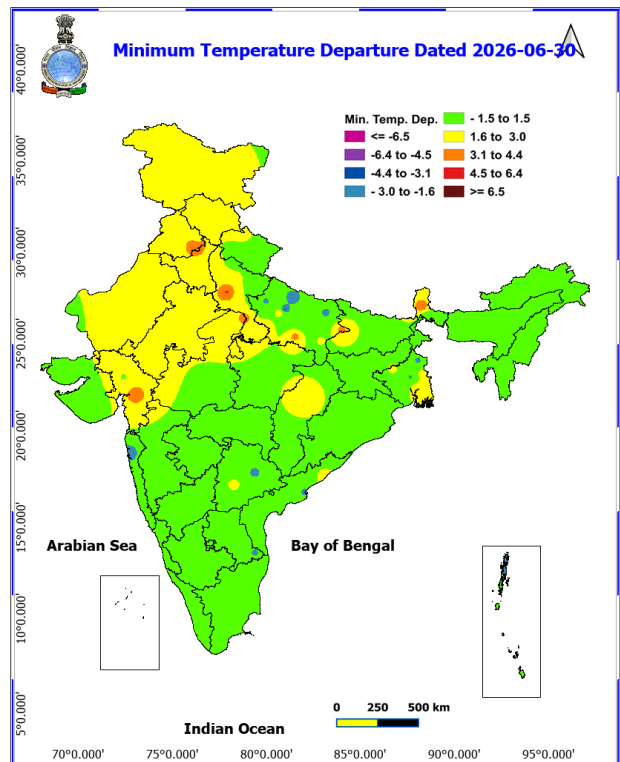
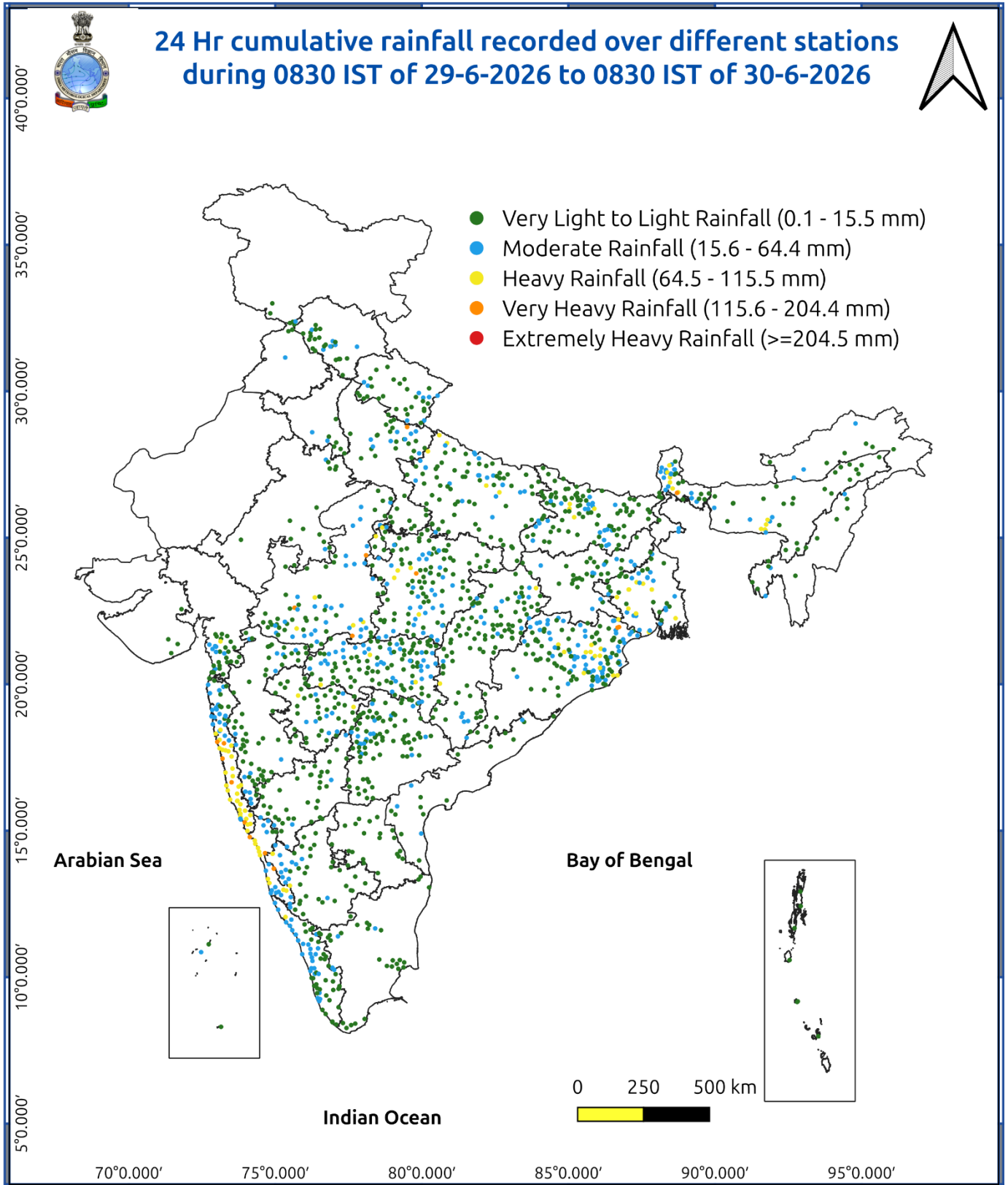


Fig. 4: Departure of Minimum Temp. Dated 2026-06-30



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## Impact and Actions

### Impact Expected & Action Suggested due to heavy/very heavy rainfall over

- ❖ **Heavy to very heavy rainfall** at a few places with extremely heavy falls at isolated places likely over Konkan & Goa during 02nd -04th July; ghat areas of Madhya Maharashtra on 02<sup>nd</sup> & 03<sup>rd</sup> and over Madhya Maharashtra during 04<sup>th</sup> -06<sup>th</sup> July, over Gujarat region on 03<sup>rd</sup> and 04<sup>th</sup> July, 2026

#### 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 isolated thunderstorm with lightning, gusty/squally winds

- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Himachal Pradesh during 3rd-5th July; East Rajasthan during 2nd-6th July.

#### Impact expected:

- ♦ Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.
- ♦ Minor to Major damage to banana and papaya trees.
- ♦ Minor to major damage to power and communication lines due to breaking of branches.
- ♦ Strong wind/hail may damage plantation, horticulture and standing crops.
- ♦ Partial damage to vulnerable structures due to strong winds.
- ♦ Minor damage to kutcha houses/walls and huts.
- ♦ Loose objects may fly.

#### Action suggested:

- ♦ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ♦ Stay indoors, close windows & doors and avoid travel if possible.
- ♦ Take safe shelters; do not take shelter under trees.
- ♦ Do not lie on concrete floors and do not lean against concrete walls.
- ♦ Unplug electrical/ electronic appliances.
- ♦ Immediately get out of water bodies.
- ♦ Keep away from all the objects that conduct electricity.

## Agromet advisories for various parts of the country

### Agromet advisories for likely impact of Heavy Rainfall

- In **Sub Himalayan West Bengal**, avoid nursery sowing of rice during heavy rainfall; protect already sown rice nursery beds with straw mulch, dry grass, or temporary polythene / agro-net covers to prevent seed washing, poor germination and seedling loss. Drain out excess water from jute, ginger, chilli, tomato and dalley khorsani fields and nurseries of *kharif* rice, finger millet and vegetables.
- In **Odisha**, make provision to drain out excess rain water from fields of maize, millets and pulse crops.
- In **Bihar**, harvest the mature pods of summer green gram and keep harvested produce in safer places. Provide adequate drainage facilities in rice nurseries and maize fields.
- In **Madhya Pradesh**, harvest mature green gram, vegetables and fruits and store the produce in safe place.
- In **Chhattisgarh**, ensure proper drainage in nurseries of rice and vegetables.
- In **Konkan** and *ghat* areas of **Madhya Maharashtra**, make arrangement to drain out excess water from nurseries of rice, finger millet and vegetables.
- In **Keralam**, drain out excess water from banana, coconut, cardamom, ginger, black pepper and vegetables. Provide staking support in banana plants and strengthen the pandals of vegetable crops. Avoid transplanting of rice during heavy rain.
- In **Coastal Karnataka**, ensure proper drainage in rice seedbeds and fruit orchards to prevent water stagnation.
- In **Himachal Pradesh**, maintain proper drainage channels in fields of maize, finger millet and vegetables **to prevent waterlogging**.
- In **Uttarakhand**, ensure proper field drainage in fields of rice, tomato, chilli, barnyard millet and finger millet to drain out excess rain water from the field.
- In **Uttar Pradesh**, **complete harvesting and threshing of mature maize, green gram and black gram crops and store the produce in dry place**.
- In **Arunachal Pradesh**, ensure proper drainage in vegetables, maize, rice nursery and other crop fields to prevent waterlogging. Harvest mature vegetables and fruits to avoid crop losses.
- In **Assam**, drain out excess water from rice nurseries, jute, ginger, turmeric, vegetables, banana, citrus and papaya. Avoid nursery sowing of *Sali* rice and sowing of jute, maize and vegetables during heavy rainfall. Cover the already seeded area with natural mulching materials like straw, farm residues etc. Provide mechanical support to the sugarcane crop to prevent lodging.

- In **Meghalaya**, ensure proper drainage channels in rice nurseries, maize, ginger, cowpea, vegetable fields and banana plantations. Protect young seedlings from direct exposure to heavy rainfall. Use propping (bamboo or wooden poles) to support heavily laden plants.
- In **Manipur**, undertake harvesting of pre-*kharif* rice and store the produce in safe place. Avoid transplanting of rice during heavy rainfall. Ensure proper drainage in soybean, chilli, ginger, turmeric, banana and other crop fields and newly transplanted seedlings and nursery crops to avoid water stagnation.

### Agromet advisories for likely impact of Thunderstorm / Gusty 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.
- 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.

### 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.

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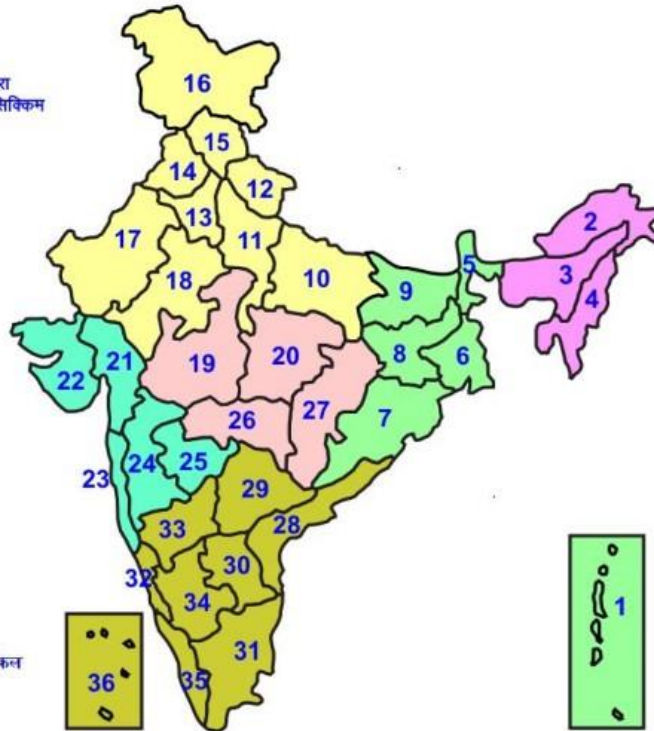
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## LEGENDS

- 1 अंडमान और निकोबार द्वीप समुद्र
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 पश्चिम गंगेय 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 एवंम लद्दाख
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात क्षेत्र
- 22 सौराष्ट्र एवंम कच्छ
- 23 कोंकण एवंम गोवा
- 24 मध्य महाराष्ट्र
- 25 मराठावाडा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं यनम
- 29 तेलंगाना
- 30 रायलसीमा
- 31 तमिलनाडु, पुदुचेरी एवंम कराईकल
- 32 तटिय कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक दक्षिणी कर्नाटक
- 35 केरल एवंम 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              |                 |                      |                    |

\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

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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



Rain/ Snow \*

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



Heat Wave

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  $4.5^\circ\text{C}$  to  $6.4^\circ\text{C}$ .  
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  $\geq 37^\circ\text{C}$



Warm Night

When maximum temperature remains  $40^\circ\text{C}$

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



Cold Wave

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  $-4.5^\circ\text{C}$  to  $-6.4^\circ\text{C}$ .  
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  $\leq 15^\circ\text{C}$



Cold Day

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



Fog

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



Thunderstorm

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



Dust/Sand Storm

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



Frost

Ice deposits on ground

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



Squall

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



Sea State

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



Cyclone

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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