

2025-06-27

Time of Issue: 13:33:00 hours IST  
(Mid-Day)

## ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

### Significant Weather Features

#### West India:

- **Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over Saurashtra on 27<sup>th</sup> June.**
- **Heavy to very heavy rainfall** at isolated places likely over Konkan & Goa, Ghat areas of Madhya Maharashtra, Gujarat state during next 7 days.
- Light/moderate rainfall at most/many places likely over the region during next 7 days.

#### Northwest India:

- Isolated **heavy rainfall** likely over Punjab, Haryana, Himachal Pradesh, Uttarakhand, East Rajasthan during 27<sup>th</sup> June-03<sup>rd</sup> July; West Rajasthan, Jammu-Kashmir during 27<sup>th</sup>-29<sup>th</sup>; Uttar Pradesh during 28<sup>th</sup> June-03<sup>rd</sup> July with **very heavy rainfall** over Himachal Pradesh, Punjab on 29<sup>th</sup>; Haryana on 29<sup>th</sup> & 30<sup>th</sup>; Uttarakhand during 27<sup>th</sup> June-01<sup>st</sup> July, East Rajasthan on 27<sup>th</sup> and Uttar Pradesh during 29<sup>th</sup> June-02<sup>nd</sup> July.
- Light/moderate rainfall at most/many places accompanied with **thunderstorm, lightning & gusty winds speed reaching 30-40 kmph** likely over Northwest India during next 7 days.

#### East & Central India:

- Isolated **heavy rainfall** over Madhya Pradesh, Chhattisgarh, Odisha, Jharkhand, Bihar, West Bengal & Sikkim during 27<sup>th</sup> June-03<sup>rd</sup> July; Vidarbha on 27<sup>th</sup> & during 30<sup>th</sup> June-02<sup>nd</sup> July; Andaman & Nicobar Islands on 28<sup>th</sup>; with **very heavy rainfall** over Madhya Pradesh on 27<sup>th</sup> June & during 01<sup>st</sup>-03<sup>rd</sup> July; Vidarbha on 27<sup>th</sup>; Chhattisgarh on 01<sup>st</sup> & 02<sup>nd</sup>; Gangetic West Bengal on 29<sup>th</sup> & 30<sup>th</sup>; Odisha on 30<sup>th</sup> June & 01<sup>st</sup> July and Jharkhand on 29<sup>th</sup> June.
- Light/moderate rainfall at most/many places accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Andaman & Nicobar Islands, Madhya Pradesh, Vidarbha, Chhattisgarh, Gangetic West Bengal, Bihar, Jharkhand, Odisha during next 7 days.

#### Northeast India:

- Light/moderate rainfall at most places accompanied with **thunderstorm, lightning and isolated heavy rainfall** likely to continue over Northeast India during next 7 days with **very heavy rainfall** over Arunachal Pradesh on 01<sup>st</sup> July; Nagaland on 27<sup>th</sup> June & 02<sup>nd</sup> July.

#### South Peninsular India:

- Isolated **heavy rainfall** likely over Tamil Nadu on 27<sup>th</sup> & 28<sup>th</sup>; Coastal Karnataka during 27<sup>th</sup> June-03<sup>rd</sup> July; South Interior Karnataka on 27<sup>th</sup> June & during 01<sup>st</sup>-03<sup>rd</sup> July, Telangana on 27<sup>th</sup> June; Kerala on 29<sup>th</sup> June & 03<sup>rd</sup> July with **very heavy rainfall** over Kerala on 27<sup>th</sup> & 28<sup>th</sup> June.
- **Strong surface winds** (speed reaching 40-60 kmph) very likely over Karnataka, Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana during 27<sup>th</sup>-30<sup>th</sup> June.
- Light/moderate rainfall at many/some places over Kerala & Mahe, Lakshadweep, Coastal Karnataka; isolated to scattered rainfall accompanied with isolated **thunderstorm, lightning** over Coastal Andhra Pradesh & Yanam, Telangana, Interior Karnataka during next 7 days.

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### Main Weather Observations:

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

❖ **Significant rainfall recorded (in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Assam & Meghalaya**: Khowang (dist Dibrugarh) 24; **South Interior Karnataka**: Agumbe Emo (dist Shivamogga) 17; Kammardi (dist Chikkamagaluru), Kottigehara (dist Chikkamagaluru) 8 Each; Kalasa (dist Chikkamagaluru), Napoklu (dist Kodagu) 7 Each; **Saurashtra & Kutch**: Malia (dist Junagadh) 16; Mangrol(j) (dist Junagadh), Talala (dist Gir Somnath) 15 Each; Keshod (dist Junagadh) 14; Visavadar (dist Junagadh), Sutrapada (dist Gir Somnath) 13 Each; Ranavav (dist Porbandar), Kalyanpur (dist Devbhoomi Dwarka) 8 Each; Kutiana (dist Porbandar), Vadia (dist Amreli) 7 Each; **Gujarat Region**: Vadali (dist Sabarkantha) 15; Dharoi Colony (dist Mehsana), Idar (dist Sabarkantha) 11 Each; Khedbrahma (dist Sabarkantha), Vadgam (dist Banaskantha), Khergam (dist Navsari) 10 Each; Chikhli (dist Navsari), Gandevi (dist Navsari) 9 Each; Navsari (dist Navsari), Danta (dist Banaskantha) 8 Each; Quant (dist Chhota Udepur), Bhiloda (dist Aravalli), Pardi (dist Valsad), Patan AWS (dist Patan), Daman (dist Daman), Umernagar (dist Valsad), Mahesana (dist Mehsana) 7 Each; **Odisha**: Balikuda (dist Jagatsinghpur) 14; Kakatpur (dist Puri) 11; Bolagarh (dist Khurda) 10; Betanati (dist Mayurbhanj), Nayagarh (dist Nayagarh), Kaptipada (dist Mayurbhanj) 8 Each; Nimpura (dist Puri), Rajnagar (dist Kendrapara) 7 Each; **Himachal Pradesh**: Pandoh (dist Mandi) 14; Jogindarnagar (dist Mandi) 7; **West Madhya Pradesh**: Khirkiya-arg (dist Harda) 13; Udainagar (dist Dewas), Timarni (dist Harda), Meghnagar (dist Jhabua) 12 Each; Badnawar (dist Dhar), Mandsaur-aws (dist Mandsaur), Narsingarh (dist Rajgarh) 11 Each; Hatpiplaya (dist Dewas) 10; Petlawad (dist Jhabua), Jaora (dist Ratlam) 9 Each; Harda (dist Harda), Begumganj (dist Raisen), Nasrullahganj (dist Sehore), Rama (dist Jhabua) 8 Each; Indore (dist Indore), Thandla (dist Jhabua), Barwaha (dist Khargone), Biaora (dist Rajgarh), Badnagar (dist Ujjain), Maksudangarh (dist Guna) 7 Each; **Vidarbha**: Mangrulpir (dist Washim), Mehkar (dist Buldhana) 13 Each; Lonar (dist Buldhana) 10; Malegaon (dist Washim) 8; Barshitakli (dist Akola), Patur (dist Akola), Arvi (dist Wardha), Balapur (dist Akola) 7 Each; **East Rajasthan**: Sajjangarh SR (dist Banswara) 13; Sallopat SR (dist Banswara), Veja SR (dist Dungarpur), Bassi (dist Jaipur) 11 Each; Sagwara (dist Dungarpur) 10; Atru SR (dist Baran) 9; Dhambola (dist Dungarpur), Dausa (dist Dausa) 8 Each; Jamwaramgarh SR (dist Jaipur), Bagidora SR (dist Banswara) 7 Each; **Kerala & Mahe**: Kayamkulam ARG (dist Alapuzha), Ernakulam South (dist Ernakulam) 12 Each; Tellichery (dist Cannur), Mavelikara (dist Alapuzha), Haripad (dist Alapuzha) 11 Each; Kumarakam (dist Kottayam), Cherthala (dist Alapuzha), Aluva AWS (dist Ernakulam), Alwaye PWD (dist Ernakulam) 10 Each; Chalakudi (dist Thrissur), Mancompu (dist Alapuzha), Piravam (dist Ernakulam), Vadakkancherry (dist Thrissur), Perumpavur (dist Ernakulam), Karipur Ap. (dist Malappuram), Kalamassery AWS (dist Ernakulam), Munakkal AWS (dist Thrissur) 9 Each; Manjeri (dist Malappuram), Vadakara (dist Kozhikode), Kollam Rly (dist Kollam), Chemberi AWS (dist Cannur), Mannarkkad AWS (dist Palakkad), Ams Kannur (dist Cannur), Kozhikode (dist Kozhikode) 8 Each; Vyttili (dist Wynad), Enamakkal (dist Thrissur), Kochi C.i.a.l. (dist Ernakulam), Varkala (dist Thiruvananthapuram), Kunnankulam (dist Thrissur), Kannur Airport AWS (dist Cannur), Choondy AWS (dist Ernakulam), Kunnamangalam AWS (dist Kozhikode), Kunnathanam AWS (dist Pathanamthitta), Athirappalli AWS (dist Thrissur), Kalpetta AWS (dist Wynad), Manantoddy (dist Wynad) 7 Each; **Tamil Nadu, Puducherry & Karaikal**: Chinnakalar (dist Coimbatore) 12; Worth Estate Cher (dist Nilgiris) 11; Kozhiporvilai (dist Kanyakumari) 10; Mylaudy (dist Kanyakumari), Sholayar (dist Coimbatore), Valparai Pap (dist Coimbatore) 9 Each; Valparai Taluk Office (dist Coimbatore), Avalanche (dist Nilgiris), Cincona (dist Coimbatore), Mambzhathuraiyaru (dist Kanyakumari), Anaikedanku (dist Kanyakumari) 8 Each; Nagercoil (dist Kanyakumari), Thuckalay (dist Kanyakumari), Devala (dist Nilgiris), Valparai PTO (dist Coimbatore), Barwood (dist Nilgiris) 7 Each; **Konkan & Goa**: Jawhar (dist Palghar) 11; Matheran (dist Raigad) 8; Mokheda - Fmo (dist Palghar), Karjat ARG (dist Raigad) 7 Each; **East Madhya Pradesh**: Rahatgarh (dist Sagar) 10; Shahpura (dist Jabalpur) 9; Mohkheda (dist Chindwara) 8; Kusmi (dist Sidhi), Umreth (dist Chindwara), Bilaspur (dist Umaria) 7 Each; **Chhattisgarh**: Pratappur (dist Surajpur) 9; Darri (dist Korba) 7; **Coastal Karnataka**: Castle Rock (dist Uttara Kannada) 9; Sulya (dist Dakshina Kannada) 8; **Haryana-Chandigarh-Delhi**: Fatehabad (dist Fatehabad) 8; **Uttarakhand**: Loharkhet (dist Bageshwar) 8; **Madhya Maharashtra**: Gaganbawada (dist Kolhapur) 8; Radhanagari (dist Kolhapur) 7; **Jharkhand**: Gobindpur Dvc (dist Dhanbad) 7; **West Rajasthan**: Santhore (dist Jalore), Suratgarh (dist Sri

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Ganganagar) 7 Each.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Extremely heavy rain** at isolated places over Assam & Meghalaya. **Heavy to very heavy rain** at isolated places over Odisha, Himachal Pradesh, East Rajasthan, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Vidarbha, Tamil Nadu, Puducherry & Karaikal, South Interior Karnataka and Kerala & Mahe. **Heavy rain** at isolated places over Sub Himalayan West Bengal & Sikkim, Jharkhand, Uttarakhand, Haryana-Chandigarh-Delhi, Punjab, West Rajasthan, East Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Chhattisgarh and Coastal Karnataka.

❖ **Minimum Temperature Departures (as on 27-06-2025): markedly above normal(> 5.1°C)** at few places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Assam & Meghalaya, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh and East Madhya Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at few places over Sub Himalayan West Bengal & Sikkim; at isolated places over Odisha, Haryana-Chandigarh-Delhi, West Rajasthan, Gujarat Region and Saurashtra & Kutch. **above normal(1.6°C to 3.0°C)** at many places over Andaman & Nicobar Islands; at most places over Punjab; at few places over Nagaland, Manipur, Mizoram & Tripura and Uttarakhand; at isolated places over Gangetic West Bengal, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Telangana and Lakshadweep; at most places over Arunachal Pradesh, Jharkhand, Konkan & Goa, Marathwada, Vidarbha, Chhattisgarh, Coastal Karnataka, North Interior Karnataka and South Interior Karnataka; at few places over East Rajasthan. **The lowest minimum temperature** of 19.2°C is reported at KHARGONE-OBS (MADHYA PRADESH) over the Plains of India.

❖ **Maximum Temperature Departures (as on 26-06-2025): markedly above normal(> 5.1°C)** at few places over Arunachal Pradesh; at isolated places over Assam & Meghalaya and Odisha. **appreciably above normal(3.1°C to 5.0°C)** at few places over Sub Himalayan West Bengal & Sikkim; at isolated places over Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at isolated places over Nagaland, Manipur, Mizoram & Tripura, Bihar, Uttarakhand, Madhya Maharashtra and Rayalaseema. **near normal(-1.5°C to 1.5°C)** at many places over Haryana-Chandigarh-Delhi and West Rajasthan; at most places over Gangetic West Bengal, East Uttar Pradesh, West Uttar Pradesh, Konkan & Goa, Coastal Karnataka and Lakshadweep; at few places over Andaman & Nicobar Islands, Saurashtra & Kutch, Coastal Andhra Pradesh & Yanam, North Interior Karnataka and South Interior Karnataka; at isolated places over Punjab, East Rajasthan, Marathwada, Chhattisgarh and Telangana. **The highest maximum temperature** of 41.3°C was reported at JAISALMER (RAJASTHAN).

❖ **Maximum Temperature Changes (as on 26-06-2025): Markedly fall at** at few places over Marathwada and Vidarbha; at isolated places over Haryana-Chandigarh-Delhi, Punjab, West Rajasthan, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam and Kerala & Mahe. **Appreciable fall at** at isolated places over Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Saurashtra & Kutch, Chhattisgarh, Telangana and Tamil Nadu, Puducherry & Karaikal. **Appreciable rise at** at many places over East Rajasthan and North Interior Karnataka; at most places over Andaman & Nicobar Islands, Gangetic West Bengal, Odisha, Jharkhand, Bihar, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Konkan & Goa, Rayalaseema, Coastal Karnataka, South Interior Karnataka and Lakshadweep; at few places over Assam & Meghalaya; at isolated places over Uttarakhand. **Markedly rise at** at most places over Arunachal Pradesh.

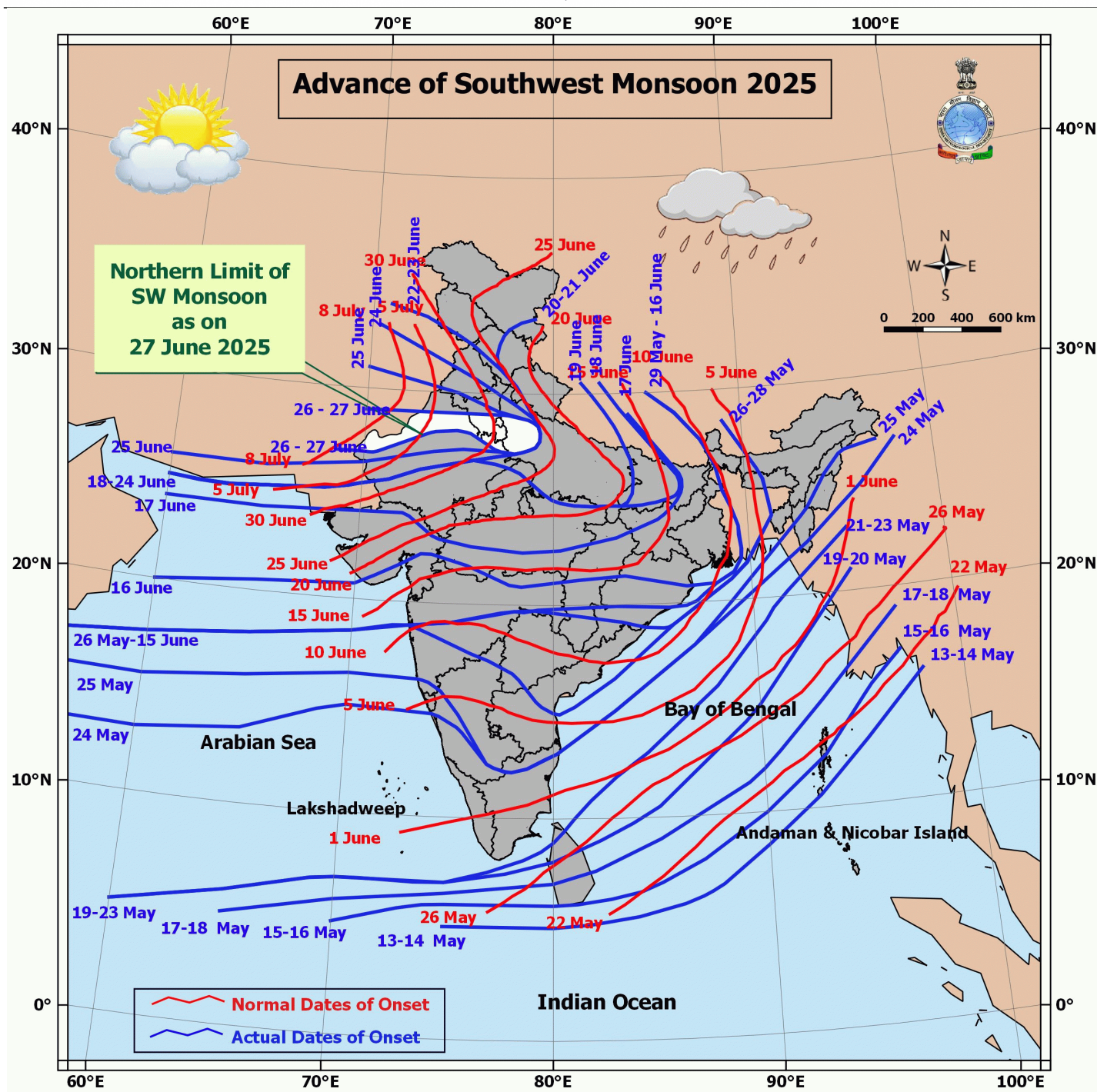
❖ **Minimum Temperature Changes (as on 27-06-2025): markedly fall at** at isolated places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan and Saurashtra & Kutch. **Appreciable fall at** at isolated places over Assam & Meghalaya, Gangetic West Bengal, Haryana-Chandigarh-Delhi, Punjab, Konkan & Goa, South Interior Karnataka and Kerala & Mahe. **Appreciable rise at** at most places over Andaman & Nicobar Islands, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Odisha, Jharkhand, Bihar, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Marathwada, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka, North Interior Karnataka and Lakshadweep; at few places over Himachal Pradesh.

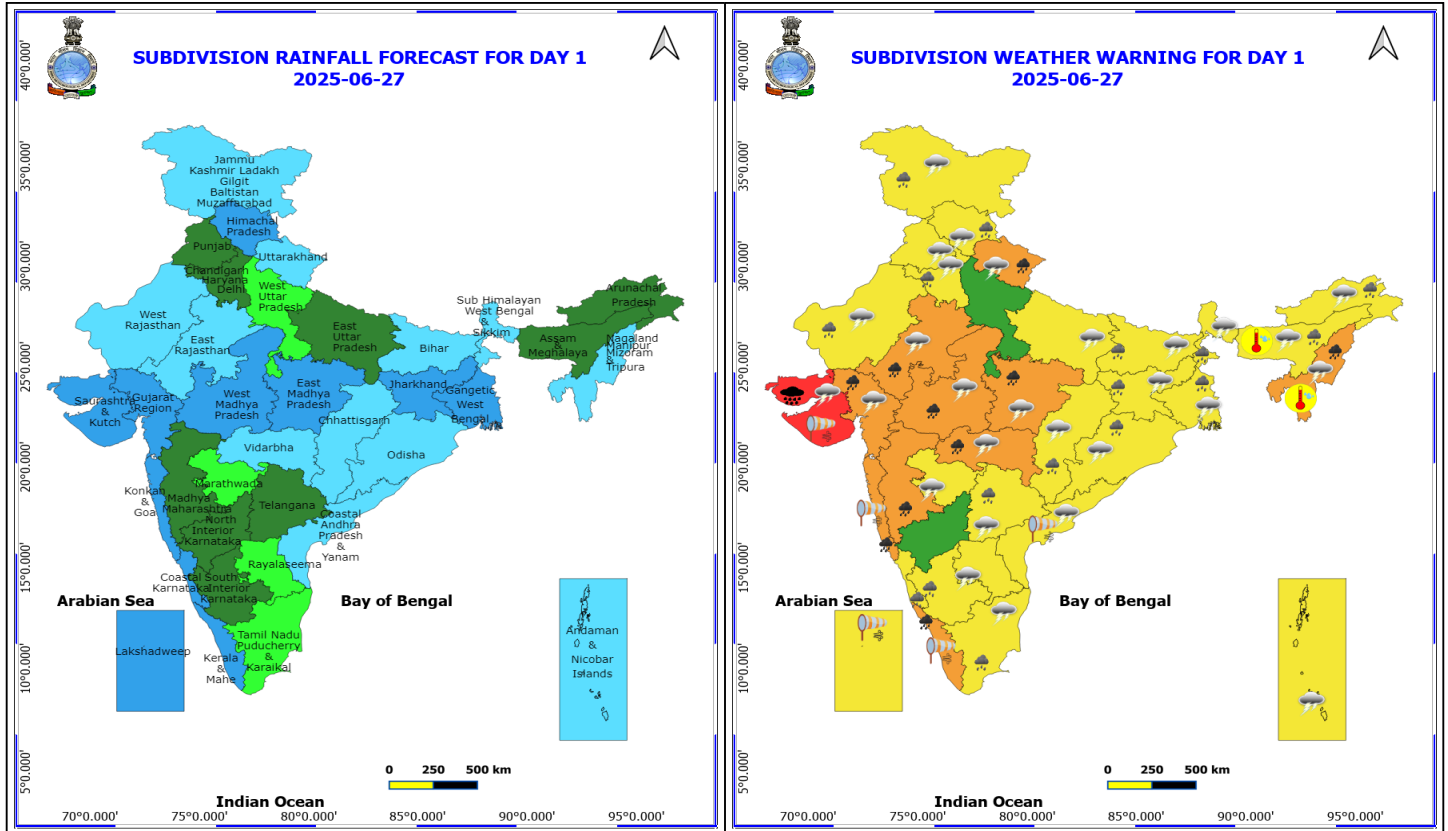
#### Meteorological Analysis (Based on 0830 hours IST)

- The Northern Limit of Monsoon continue to pass through 27.0°N/68.5°E, 27.0°N/70.0°E, Jaisalmer, Bikaner, Jhunjhunu, Bharatpur, Rampur, Sonipat, Anup Nagar and 29.0°N/70.0°E.
- Conditions are becoming favourable for further advance of Southwest monsoon over remaining parts of the country during next 2- 3 days.
- The **upper air cyclonic circulation** over southwest Rajasthan persists and extends upto 5.8 km above mean sea level tilting southwest wards with height.
- An east-west **trough** runs from the cyclonic circulation over southwest Rajasthan to Bangladesh across East Rajasthan, north Madhya Pradesh, north Jharkhand, Gangetic West Bengal and extends upto 5.8 km above mean sea level tilting southward with height.
- The **low pressure** area over north Odisha and adjoining Gangetic West Bengal has become less marked, however the associated upper air cyclonic circulation has merged with the above mentioned trough.
- The **trough** from southeast Arabian Sea to Odisha across south Gujarat, northern parts of Madhya Maharashtra, Vidarbha, Chhattisgarh between 4.5 & 5.8 km above mean sea level has merged with the above-mentioned trough.
- A fresh upper-air **cyclonic circulation** is likely to develop over north Bay of Bengal and adjoining coastal Bangladesh & West Bengal around 29<sup>th</sup> June, 2025. Under its influence a **low-pressure area** is likely to form over the same region during subsequent 24 hours.
- The **upper air cyclonic circulation** over northeast Madhya Pradesh at 0.9 km above mean sea level has become less marked.

#### Weather Outlook for subsequent 3 days

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





## 27 June (Day 1)

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

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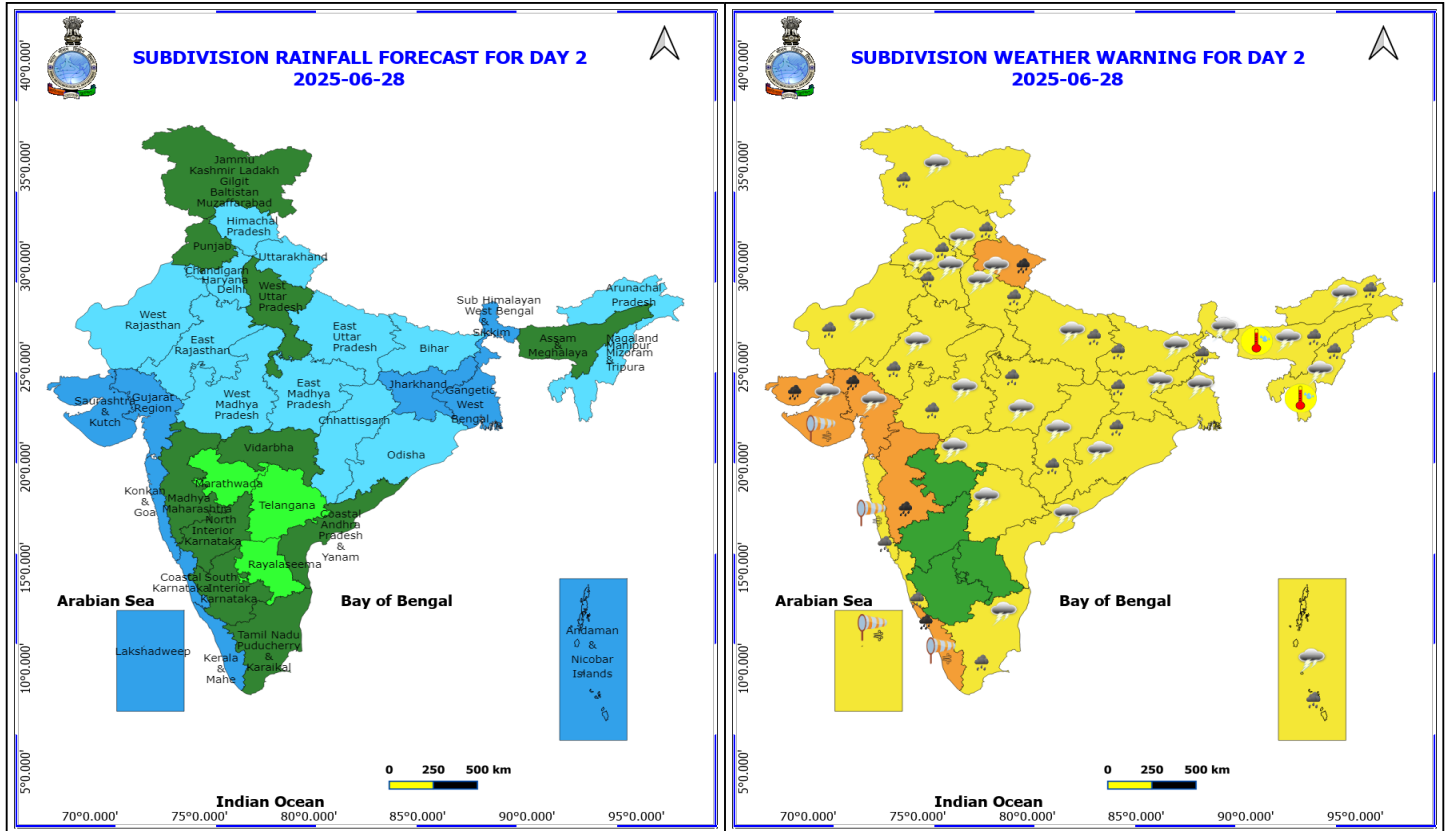
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❖ **Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, some parts of eastcentral, adjoining north Arabian Sea & adjoining southwest Arabian Sea.

❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over most parts of eastcentral & adjoining areas of westcentral, northeast, south Arabian Sea, along and off Konkan, Goa, Karnataka, Kerala coasts, along and off Odisha coast and adjoining north Andhra Pradesh coast, along and off West Bengal coast, most parts of northwest and adjoining northeast Bay of Bengal, many parts of westcentral and adjoining eastcentral Bay of Bengal, over Gulf of Mannar.

❖ **Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail over western parts of eastcentral & adjoining westcentral Arabian Sea, few western parts of westcentral Bay of Bengal.



## 28 June (Day 2)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Gujarat State, Kerala & Mahe, Madhya Maharashtra and Uttarakhand.
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Coastal Karnataka, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Konkan & Goa, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Rajasthan, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Gangetic West Bengal, Gujarat State, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, Rajasthan and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Nagaland, Manipur, Mizoram and Tripura, Punjab, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Telangana, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Kerala & Mahe, Konkan & Goa, Lakshadweep and Saurashtra & Kutch.
- ❖ **Hot and Humid weather** very likely at isolated places over Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, some parts of

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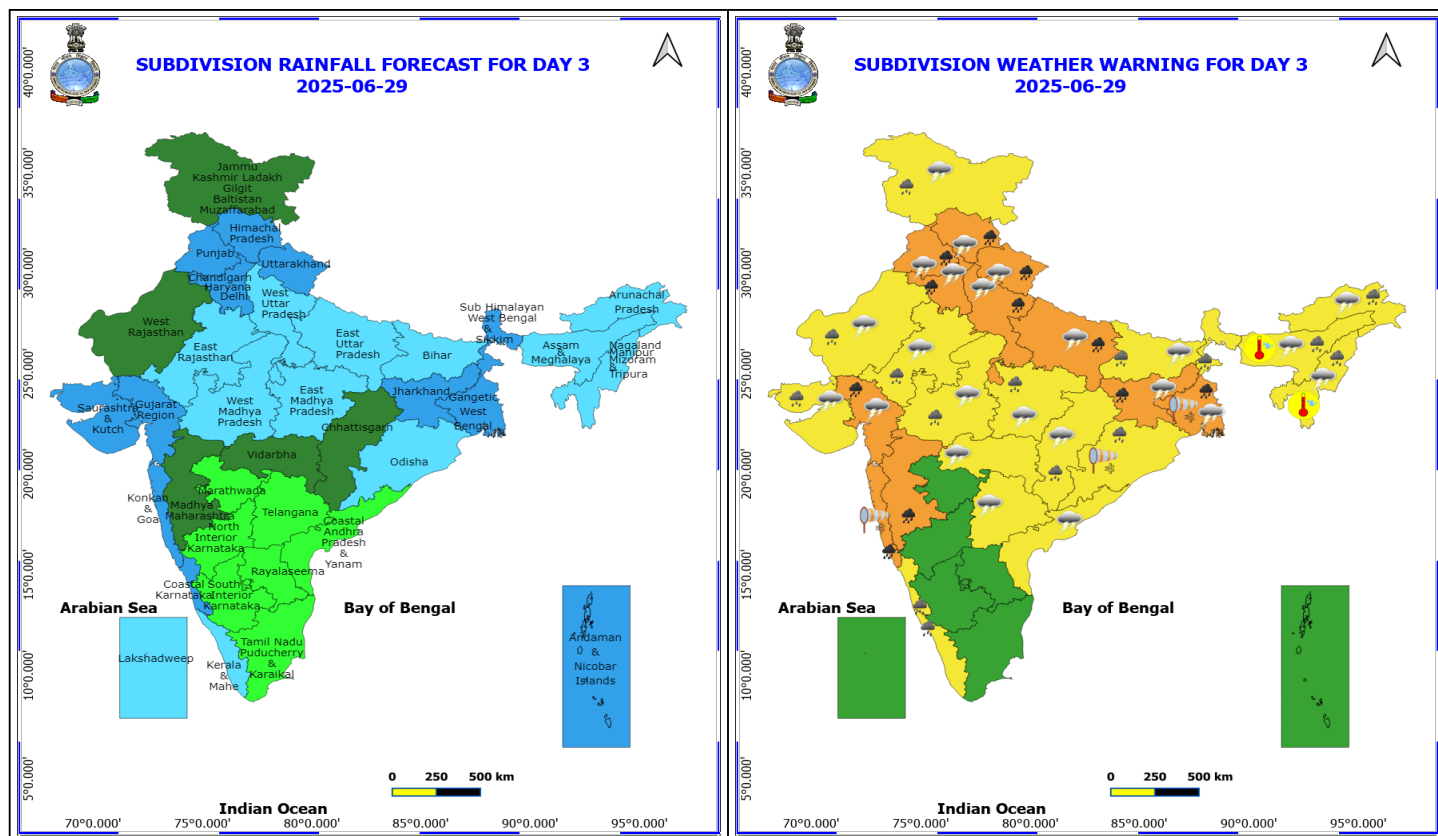
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eastcentral, adjoining north Arabian Sea & adjoining southwest Arabian Sea.

❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over most parts of eastcentral & adjoining areas of westcentral, northeast, south Arabian Sea, over Lakshadweep area, off south Gujarat, Konkan coasts, along and off Karnataka, Kerala, Odisha, West Bengal coasts, most parts of northwest and adjoining northeast Bay of Bengal, many parts of westcentral & adjoining eastcentral Bay of Bengal, some parts of southwest Bay of Bengal, over Gulf of Mannar.

❖ **Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail over western parts of eastcentral & adjoining westcentral Arabian Sea.



## 29 June (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Gangetic West Bengal, Gujarat Region, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Konkan & Goa, Madhya Maharashtra, Punjab, Uttar Pradesh and Uttarakhand.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Coastal Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, Rajasthan, Saurashtra & Kutch and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Gangetic West Bengal, Gujarat State, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand and Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Punjab, Telangana, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Gangetic West Bengal, Konkan & Goa and Odisha.
- ❖ **Hot and Humid weather** very likely at isolated places over Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, many parts of eastcentral, adjoining north Arabian Sea & adjoining southwest Arabian Sea.

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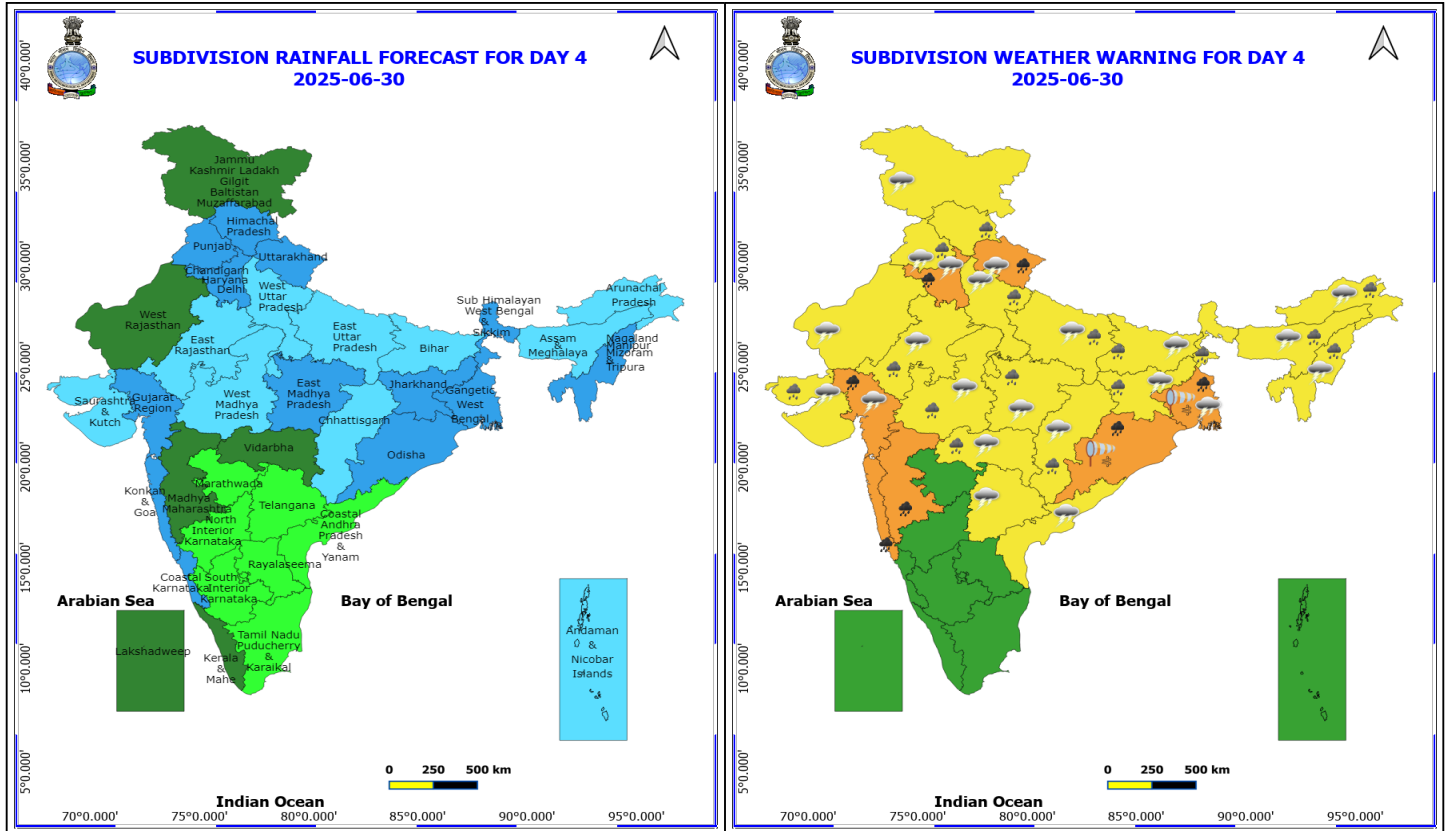
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❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over most parts of eastcentral & adjoining areas of westcentral, northeast, south Arabian Sea, off south Gujarat, Konkan coasts, along and off north Andhra Pradesh coast and adjoining south Odisha coast, most parts of westcentral Bay of Bengal and adjoining parts of northwest, eastcentral, southwest Bay of Bengal.

❖ **Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail over western parts of eastcentral & adjoining westcentral Arabian Sea, over Gulf of Mannar.



### 30 June (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Gangetic West Bengal, Gujarat Region, Haryana, Chandigarh & Delhi, Konkan & Goa, Madhya Maharashtra, Odisha and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, East Rajasthan, Himachal Pradesh, Jharkhand, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Punjab, Saurashtra & Kutch, Sub Himalayan West Bengal & Sikkim, Uttar Pradesh and Vidarbha.
- ❖ **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 Bihar, Gangetic West Bengal, Gujarat State, Jharkhand and Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, Haryana, Chandigarh & Delhi, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Punjab, Telangana, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** likely at isolated places over Gangetic West Bengal and Odisha.
- ❖ **Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, many parts of eastcentral, adjoining, some parts of north Arabian Sea & adjoining southwest Arabian Sea.
- ❖ **Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph** likely to prevail over most parts of eastcentral & adjoining areas of westcentral, south Arabian Sea, most parts of northeast Arabian Sea, along and off Gujarat, Konkan coasts, many parts of central Bay of Bengal and adjoining parts of northwest, southeast Bay of

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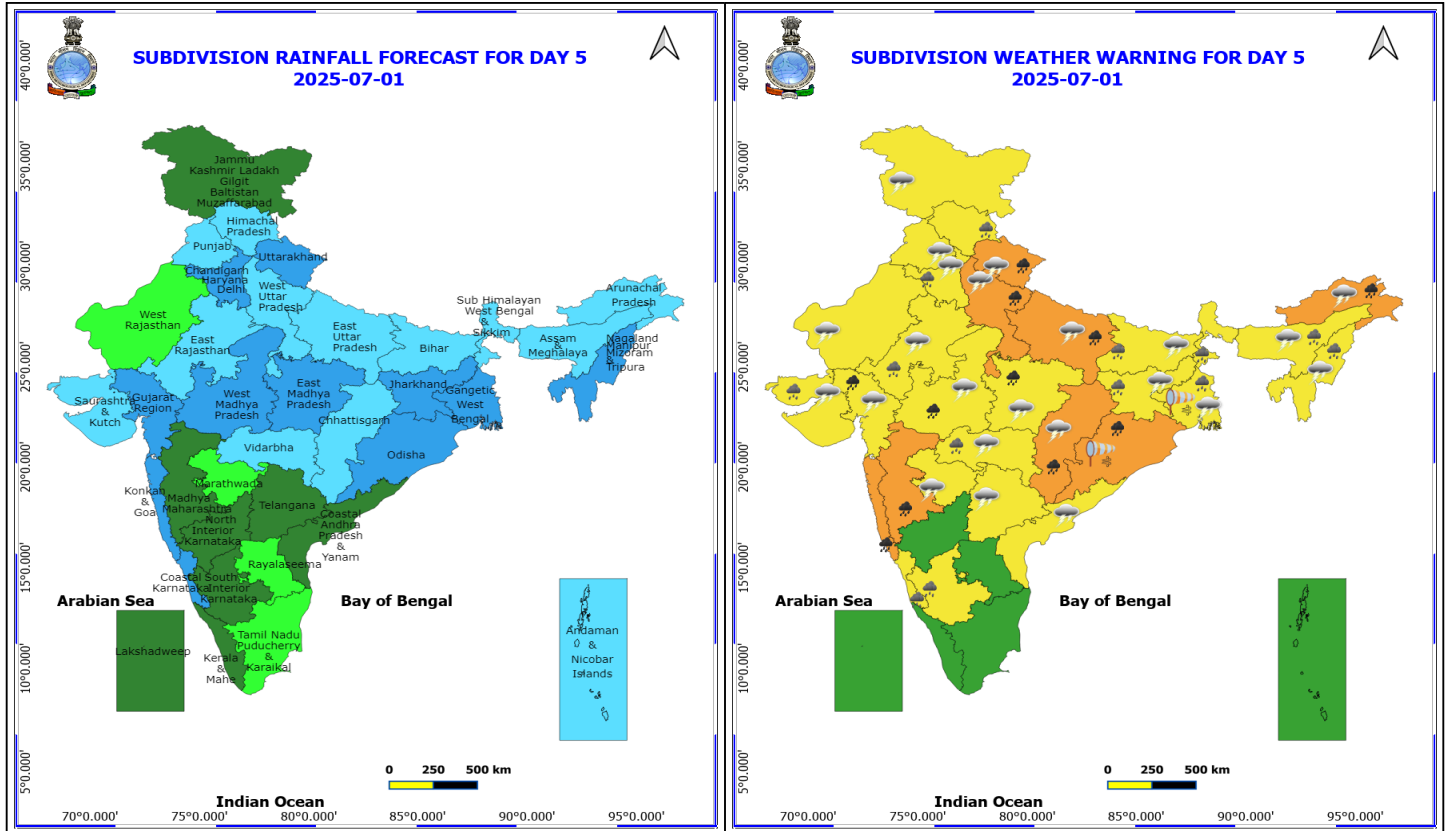
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Bengal.

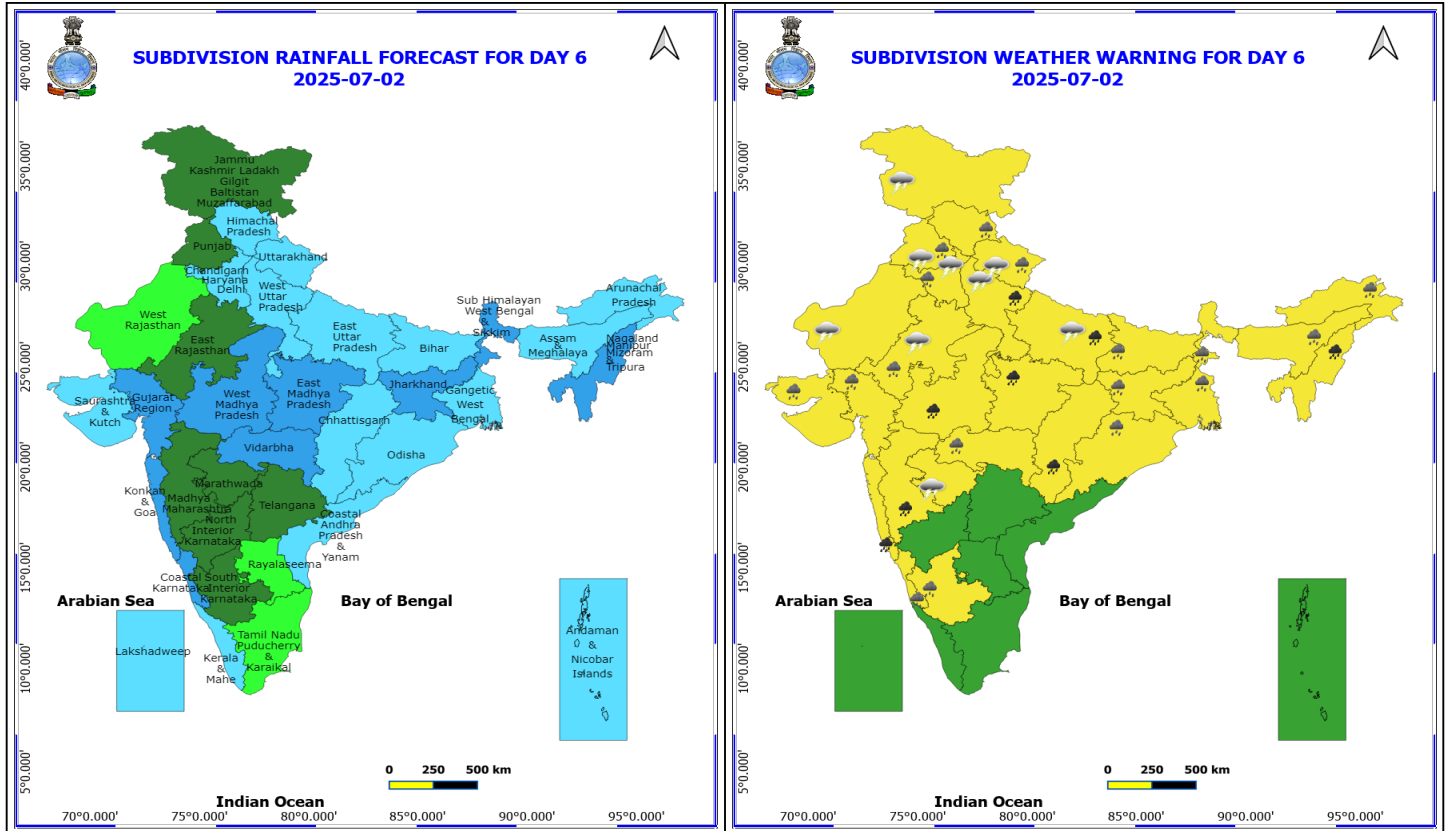
❖ **Squally weather with wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail over western parts of eastcentral & adjoining westcentral Arabian Sea.



## 1 July (Day 5)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Chhattisgarh, Gujarat Region, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Odisha, Uttar Pradesh and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Bihar, Coastal Karnataka, East Rajasthan, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Saurashtra & Kutch, South Interior Karnataka, Vidarbha and West Bengal & Sikkim.
- ❖ **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 Bihar, Gangetic West Bengal, Gujarat State, Jharkhand and Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, Haryana, Chandigarh & Delhi, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Punjab, Telangana, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** likely at isolated places over Gangetic West Bengal and Odisha.

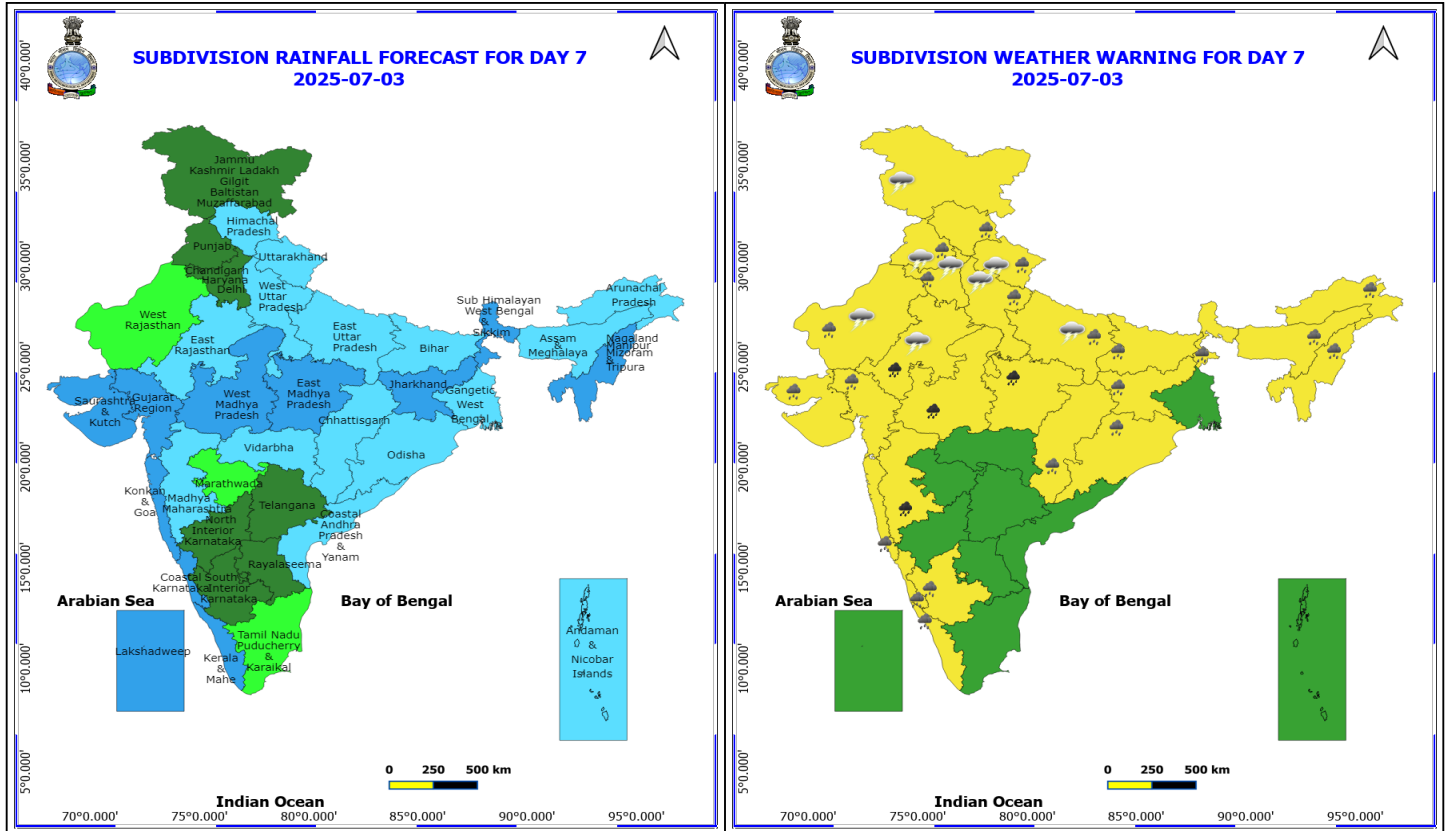
**No Fishermen Warning**



## 2 July (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Chhattisgarh, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura and Uttar Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Coastal Karnataka, East Rajasthan, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Odisha, Punjab, South Interior Karnataka, Uttarakhand, Vidarbha and West Bengal & Sikkim.
- ❖ **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 Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Haryana, Chandigarh & Delhi, Marathwada, Punjab, Uttar Pradesh and Uttarakhand.

**No Fishermen Warning**



### 3 July (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over East Rajasthan, Madhya Maharashtra and Madhya Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Coastal Karnataka, Gujarat State, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Kerala & Mahe, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim, Uttar Pradesh, Uttarakhand and West Rajasthan.
- ❖ **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 Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Haryana, Chandigarh & Delhi, Punjab, Uttar Pradesh and Uttarakhand.

**No Fishermen Warning**

## Flash Flood Warnings

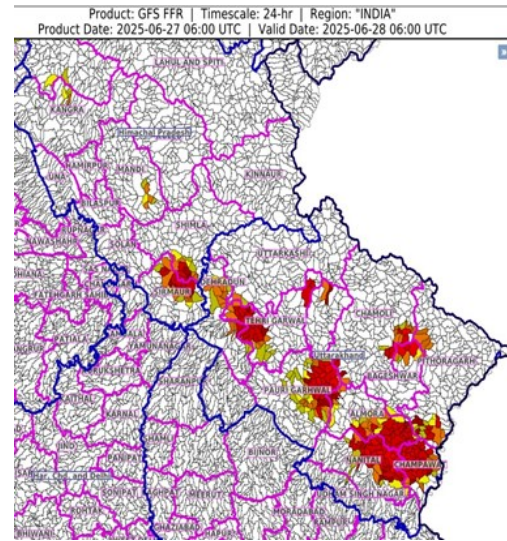
24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 28-06-2025 :

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

**Himachal Pradesh** - Shimla and Sirmaur districts.

**Uttarakhand** - Almora, Bageshwar, Chamoli, Champawat, Dehradun, Nanital, Pauri Garhwal, Pithoragarh, Rudraprayag, Tehri Garwal and Uttarkashi districts.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.



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# Table-1

## 7 Days Rainfall Forecast

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

Legend	Category	%Stations
WS	Widespread/Most Places	76-100
FWS	Fairly Widespread/Many Places	51-75
SCT	Scattered/ A Few Places	26-50
ISOL	Isolated Places	1-25
DRY	No Rain	0

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Fig. 1: Maximum Temperatures Dated 2025-06-27

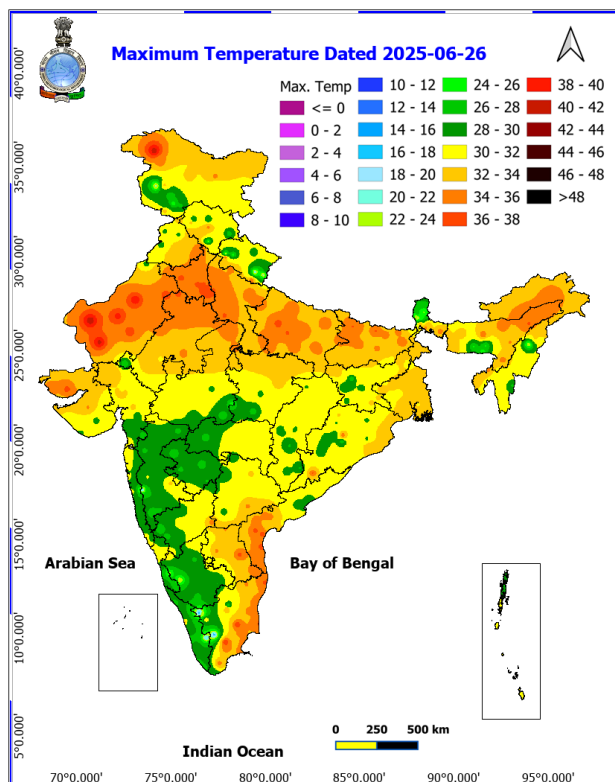


Fig. 2: Departure of Maximum Temp. Dated 2025-06-27

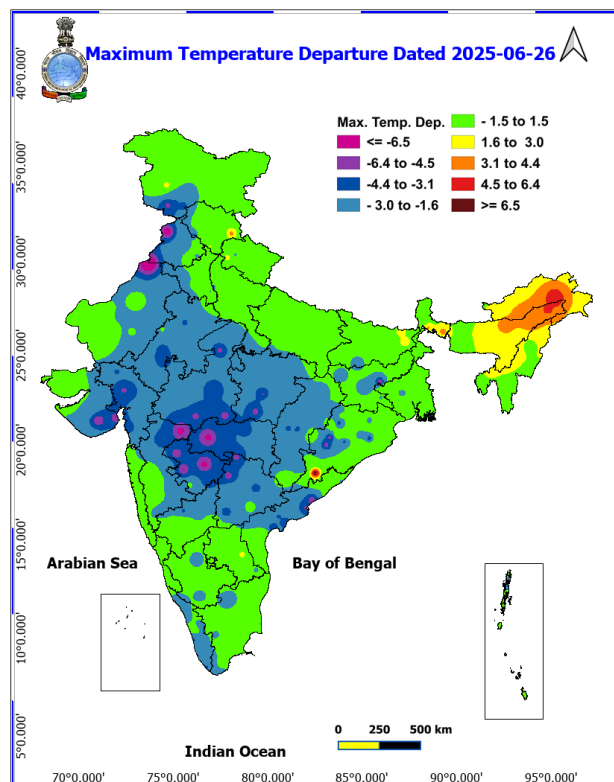


Fig. 3: Minimum Temperatures Dated 2025-06-27

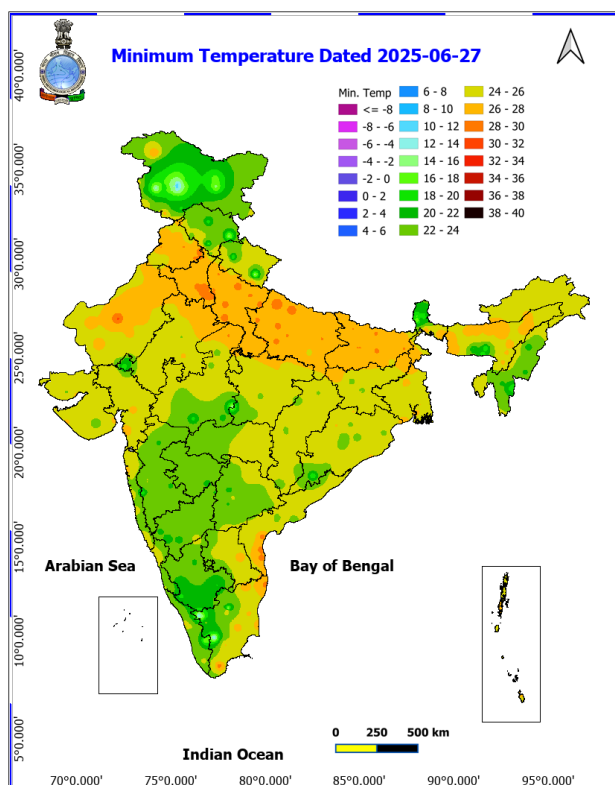
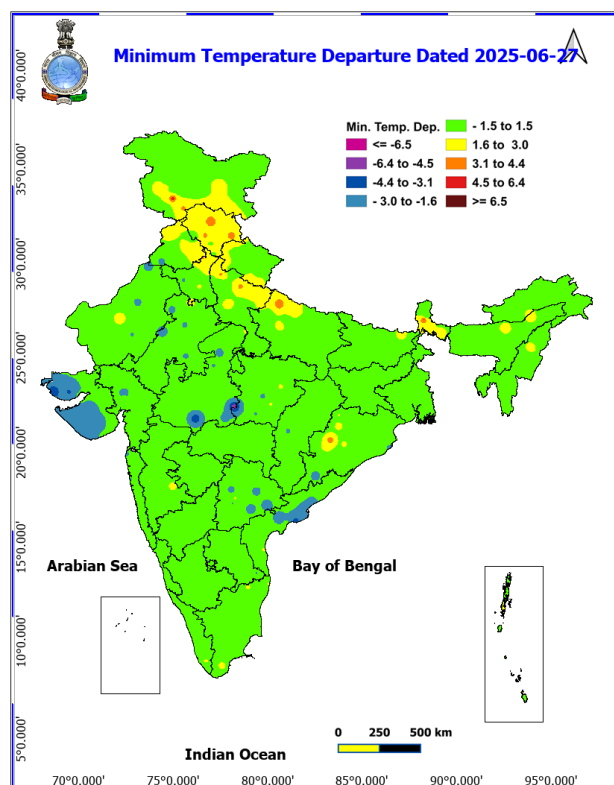
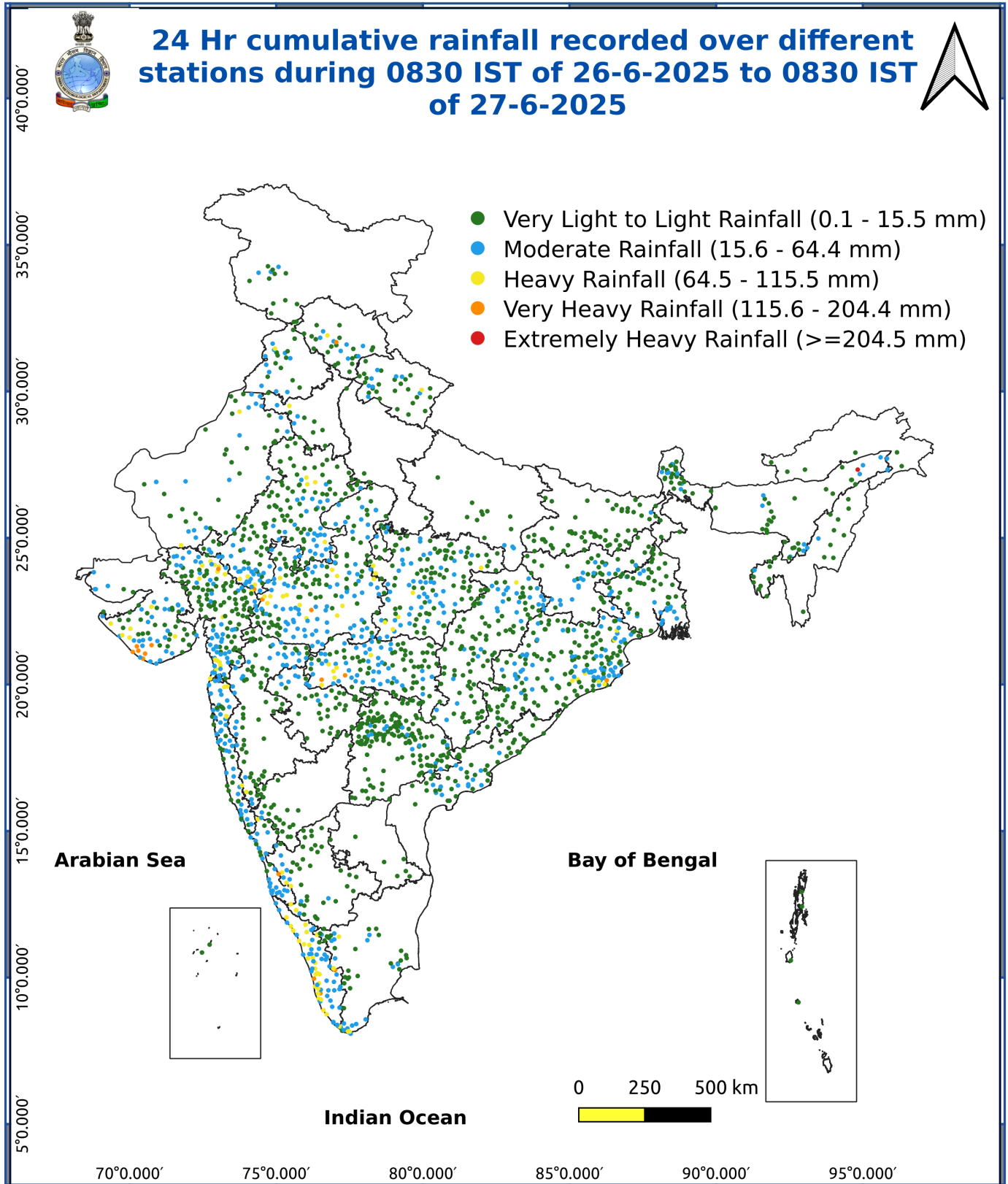


Fig. 4: Departure of Minimum Temp. Dated 2025-06-27





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

- **Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over Saurashtra on 27<sup>th</sup> June.**
- **Very heavy rainfall** at isolated places likely over Konkan & Goa, Ghat areas of Madhya Maharashtra, Gujarat state during next 7 days; Himachal Pradesh, Punjab on 29<sup>th</sup>; Haryana on 29<sup>th</sup> & 30<sup>th</sup>; Uttarakhand during 27<sup>th</sup> June-01<sup>st</sup> July, East Rajasthan, Vidarbha on 27<sup>th</sup> and Uttar Pradesh during 29<sup>th</sup> June-02<sup>nd</sup> July; Madhya Pradesh on 27<sup>th</sup> June & during 01<sup>st</sup>-03<sup>rd</sup> July; Chhattisgarh on 01<sup>st</sup> & 02<sup>nd</sup>; Gangetic West Bengal on 29<sup>th</sup> & 30<sup>th</sup>; Odisha on 30<sup>th</sup> June & 01<sup>st</sup> July and Jharkhand on 29<sup>th</sup> June; Kerala on 27<sup>th</sup> & 28<sup>th</sup> June.

**Impact Expected**

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

Occasional reduction in visibility due to heavy rainfall.

Disruption of traffic in major cities due to water logging in roads leading to increased travel time.

Minor damage to kutcha roads.

Possibilities of damage to vulnerable structure.

Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.

Damage to horticulture and standing crops in some areas due to inundation.

It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

**Action Suggested**

Check for traffic congestion on your route before leaving for your destination.

Follow any traffic advisories that are issued in this regard.

Avoid going to areas that face the water logging problems often.

Avoid staying in vulnerable structure.

**Agromet advisories for various parts of the country**

**Agromet advisories for likely impact of Heavy / Heavy to Very Heavy / Extremely Heavy Rainfall**

In **Gujarat** postpone sowing of rice nurseries, groundnut, pearl millet, sorghum, pigeon pea, green gram, and black gram. Ensure proper drainage facilities in already sown rice nurseries, sugarcane fields, banana and mango plantations to prevent waterlogging. Provide support to sugarcane and banana to prevent lodging. In **Saurashtra & Kutch**, Drain out excess rain water from vegetable nurseries and horticultural plantations. Undertake propping in sugarcane with strong bamboo or tie the leaves together in a clump to protect against wind and heavy rain.

In **Konkan & Goa** make arrangements to drain out excess water from rice nurseries, fields of finger millet, groundnut and orchards to prevent waterlogging. In **ghat areas of Madhya Maharashtra**, drain out excess water from rice

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nurseries, vegetables and orchards to prevent waterlogging. In **Vidarbha**, keep already harvested produce at safer places and provide mechanical support to newly planted orchards and vegetables to prevent them from lodging.

In **West Madhya Pradesh**, postpone harvesting of maize. Postpone sowing of pearl millet, soybean, pigeon pea and paddy nurseries. Make necessary arrangements to drain out excess water from vegetables and orchards to avoid waterlogging. In **East Madhya Pradesh**, harvest matured maize, green gram and black gram during favourable weather and store in safe places. Ensure proper drainage in already sown / transplanted fields.

In **Chhattisgarh**, ensure proper drainage in rice nurseries.

In **Sub-Montane and Low Hills Sub-Tropical Zone of Himachal Pradesh**, provide drainage in maize and vegetable fields. Strengthen the support for creepers and tall vegetable crops (tomato, capsicum etc.). In **Mid Hills Sub-Humid Zone of Himachal Pradesh**, harvest matured fruits of plum, pear and stonefruit to minimize losses due to heavy rains. Make proper drainage channels in the fields of maize, apple, pear, pomegranate, kiwi, cucumber and tomato to avoid waterlogging. Provide support to cucumber vines and tomato plants to prevent lodging.

In **Uttarakhand**, make proper drainage channels in rice nurseries, pigeon pea, groundnut, maize, soybean, barnyard millet and finger millet to avoid waterlogging. In **Bhabar and Tarai Zone of Uttarakhand**, harvest matured spring maize crop and vegetables (pumpkin, tomato, okra, chilli, French bean etc.) and store in safe place during clear weather.

In **East Rajasthan**, harvest the matured vegetables such as okra and cucurbits and store them in safe place. Make arrangement for draining out excess water from the fields of groundnut and green gram.

In **Jharkhand**, make necessary arrangements to drain out excess water from already sown maize fields, rice and vegetable nurseries.

In **Odisha**, ensure proper drainage from already sown rice nurseries, fields of maize and vegetables to prevent waterlogging. Cover rice and vegetable nurseries with plastic sheets to prevent washing away of seeds.

In **South Interior Karnataka**, cover young seedlings of rice with plastic sheets or agro-shade nets to protect them from heavy rains. Provide adequate drainage to remove excess water from rice nurseries, coffee, cardamom, coconut and arecanut plantations to prevent water logging. Provide support to sugarcane and banana to prevent lodging.

In ghat regions of **Tamilnadu**, provide adequate drainage in rice nurseries, sorghum, maize, pulses, groundnut, sugarcane, orchards and vegetable crops.

In **Kerala**, ensure proper drainage facilities in rice nurseries, transplanted rice fields, coconut and banana plantations to prevent water logging. Undertake propping in banana to protect the plants from heavy rains.

### Livestock / Fishery

Keep the animals inside the shed during heavy rainfall and provide them balanced feed.

Store feed and fodder in a safe place to prevent spoilage.

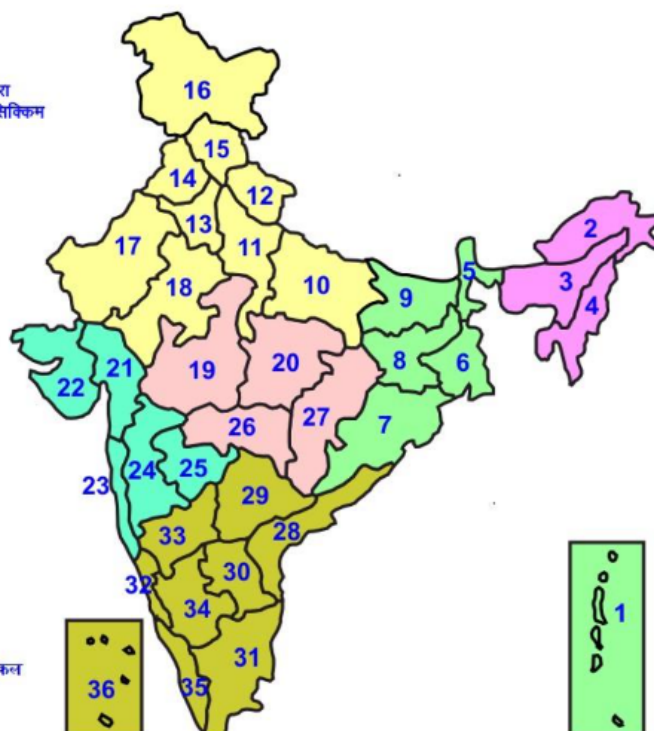
Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

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

Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

## LEGENDS

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



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

## SPATIAL DISTRIBUTION (% of Stations reporting)


















% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)

## Subdivision Colour

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

## Probabilistic Forecast

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

-  Heavy Rain
-  Very Heavy Rain
-  Extremely Heavy Rain
-  Heavy Snow
-  Thunderstorm & Lightning
-  Hailstorm
-  Dust Storm
-  Dust Raising Winds
-  Strong surface winds
-  Heat Wave
-  Hot Day
-  Warm Night
-  Cold Wave
-  Cold Day
-  Ground Frost
-  FOG Fog
-  Hot & Humid

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## LEGENDS

### WARNING

<b>WARNING (TAKE ACTION)</b>
<b>ALERT (BE PREPARED)</b>
<b>WATCH (BE UPDATED)</b>
<b>NO WARNING (NO ACTION)</b>

### 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  $4.5^{\circ}\text{C}$  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  $\geq 37^{\circ}\text{C}$



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  $> 6.4^{\circ}\text{C}$ .



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  $\leq 15^{\circ}\text{C}$



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  $\leq -6.5^{\circ}\text{C}$



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)

\*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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