

## ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

### Significant Weather Features

#### Weather Forecast and Warnings

##### South Peninsular India:

- Light/moderate rainfall at most/many places over Kerala & Mahe, Karnataka, Lakshadweep during next 7 days and Light/moderate rainfall at many/some places accompanied with isolated **thunderstorm, lightning & gusty winds speed reaching 30-50 kmph** over Tamil Nadu, Puducherry & Karaikal, Interior Karnataka, Telangana during 11th-14th June.
- **Strong surface winds** (speed 50-60 kmph) very likely over Coastal Andhra Pradesh & Yanam, Rayalaseema during 11th -12th, Kerala & Mahe, Lakshadweep on 14th June.
- Isolated **heavy rainfall** likely over Tamilnadu Puducherry & Karaikal, Kerala & Mahe, Coastal Andhra Pradesh & Yanam on 11th & 12th, Karnataka on 11th, Lakshadweep on 13th & 14th, Rayalaseema and Telangana on 11th & 12th with **very heavy rainfall** over Tamilnadu Puducherry & Karaikal, Kerala & Mahe during 12th-17th, Coastal Karnataka on 16th & 17th, North Interior Karnataka during 12th-15th, South Interior Karnataka during 15th-17th with **Extremely heavy rainfall** likely over Kerala & Mahe during 14th-17th, Coastal Karnataka during 12th-17th, South Interior Karnataka during 12th-14th and over North Interior Karnataka on 13th, Tamilnadu Puducherry & Karaikal on 14th & 15th June.

##### West India:

- Light/moderate rainfall at some/isolated places accompanied with accompanied with **thunderstorm, lightning & gusty winds speed reaching 30-50 kmph** likely over Madhya Maharashtra, Marathwada, Konkan & Goa on 11th June with **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** very likely at isolated places over Madhya Maharashtra, Marathwada, Konkan & Goa during 12th-14th June.
- Isolated **heavy rainfall** likely over Madhya Maharashtra on 11th, Marathwada during 11th-14th with **very heavy rainfall** on Konkan & Goa, Madhya Maharashtra during 12th-17th June with **Extremely heavy rainfall** likely over Konkan & Goa on 13th & 14th June.

##### East & Central India:

- Light/moderate rainfall at some places likely to continue over Sub-Himalayan West Bengal & Sikkim during next 7 days and Light/moderate rainfall at isolated/some places accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Andaman & Nicobar Islands on 11th-12th, Madhya Pradesh, West Bengal & Sikkim, Jharkhand, Odisha during 11th-14th, Bihar during 13th-17th June with **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** very likely at isolated places over Vidarbha on 11th & 12th, Chhattisgarh during 11th-14th, Bihar on 12th & 13th June.
- Isolated **heavy rainfall** also likely over Andaman & Nicobar Islands on 12th; Sub-Himalayan West Bengal & Sikkim during 13th-17th and over Odisha during 14th-17th June.

##### Northwest India:

- Light/moderate rainfall at some/isolated places accompanied with accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 11th & 12th, Himachal Pradesh, Haryana, Uttar Pradesh, Uttarakhand during 12th-17th, West Rajasthan during 14th-17th June.
- Isolated **heavy rainfall** likely over Uttarakhand during 12th-17th June.

##### Northeast India:

- Light/moderate rainfall at many/some places likely to continue over northeast India during next 7 days with **isolated heavy rainfall** over Arunachal Pradesh, Assam & Meghalaya during 11th-17th; Nagaland, Manipur,

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Mizoram & Tripura during 11th-17th June.

- Light/moderate rainfall at some/isolated places accompanied with **thunderstorm, lightning & gusty winds speed reaching 30-40 kmph** over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura on 11th June.

**Maximum Temperature Forecast:**

- No significant change in maximum temperatures likely over Northwest India during next 3 days and gradual fall by 2-4°C thereafter. No significant change in maximum temperatures likely over Central & East India during next 48 hours and gradual fall by 2-3°C thereafter. No significant change in maximum temperatures likely over rest parts of the country.

**Heat wave, Hot & Humid weather and Warn Night warnings:**

- **Heat wave condition** very likely at many/some places over West Rajasthan during 11th-17th with **severe heat wave conditions** at isolated/some parts during 11th-13th June. **Heat wave to severe heat wave conditions** very likely at isolated/some parts are likely to prevail over East Rajasthan during 11th-13th June.
- **Heat wave conditions** are likely to prevail over East Uttar Pradesh on 11th, Punjab during 11th-13th, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Haryana, West Uttar Pradesh, north Madhya Pradesh on 11th & 12th June.
- **Hot & humid weather** is likely to prevail over Gangetic West Bengal, Bihar, Odisha on 11th June.
- **Warm night conditions** very likely in isolated pockets over Punjab, Haryana on 11th, Rajasthan on 11th & 12th June.

**Main Weather Observations:**

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Coastal andhra pradesh & yanam:** Machilipatnam (dist Krishna) 6, Vijayawada-gannavaram (dist Krishna), Kalingapatanam (dist Srikakulam) 2 Each; **Coastal karnataka:** Mangalore (bajpe) AP (dist Dakshina Kannada) 5; **Chhattisgarh:** Raipur-lalpur (dist Raipur) 5; **Kerala & mahe:** Kozhikode (calicut) (dist Kozhikode) 4; **Nagaland, manipur, mizoram & tripura:** Dimapur (dist Dimapur) 3; **South interior karnataka:** Bangaluru HAL (dist ), Bangaluru (dist Bengaluru Urban) 3 Each; **Tamilnadu puducherry & karaikal:** Chennai (nungambakkam) (dist Chennai) 2.

❖ **Minimum Temperature Departures (as on 10-06-2025): markedly above normal(> 5.1°C)** at few places over Assam & Meghalaya and East Madhya Pradesh; at isolated places over Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Rajasthan, West Madhya Pradesh, Gujarat Region and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at few places over Uttarakhand; at isolated places over Gangetic West Bengal, Haryana-Chandigarh-Delhi, Punjab, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, East Rajasthan, Vidarbha, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at most places over Arunachal Pradesh; at few places over Rayalaseema, Kerala & Mahe and Lakshadweep; at isolated places over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Odisha, Jharkhand, Madhya Maharashtra and Chhattisgarh. **near normal(-1.5°C to 1.5°C)** at many places over North Interior Karnataka; at most places over Konkan & Goa, Coastal Karnataka and South Interior Karnataka; at few places over Marathwada and Telangana. **The lowest minimum temperature** of 19.5°C was reported at UDGIR (MAHARASHTRA) over the Plains of India.

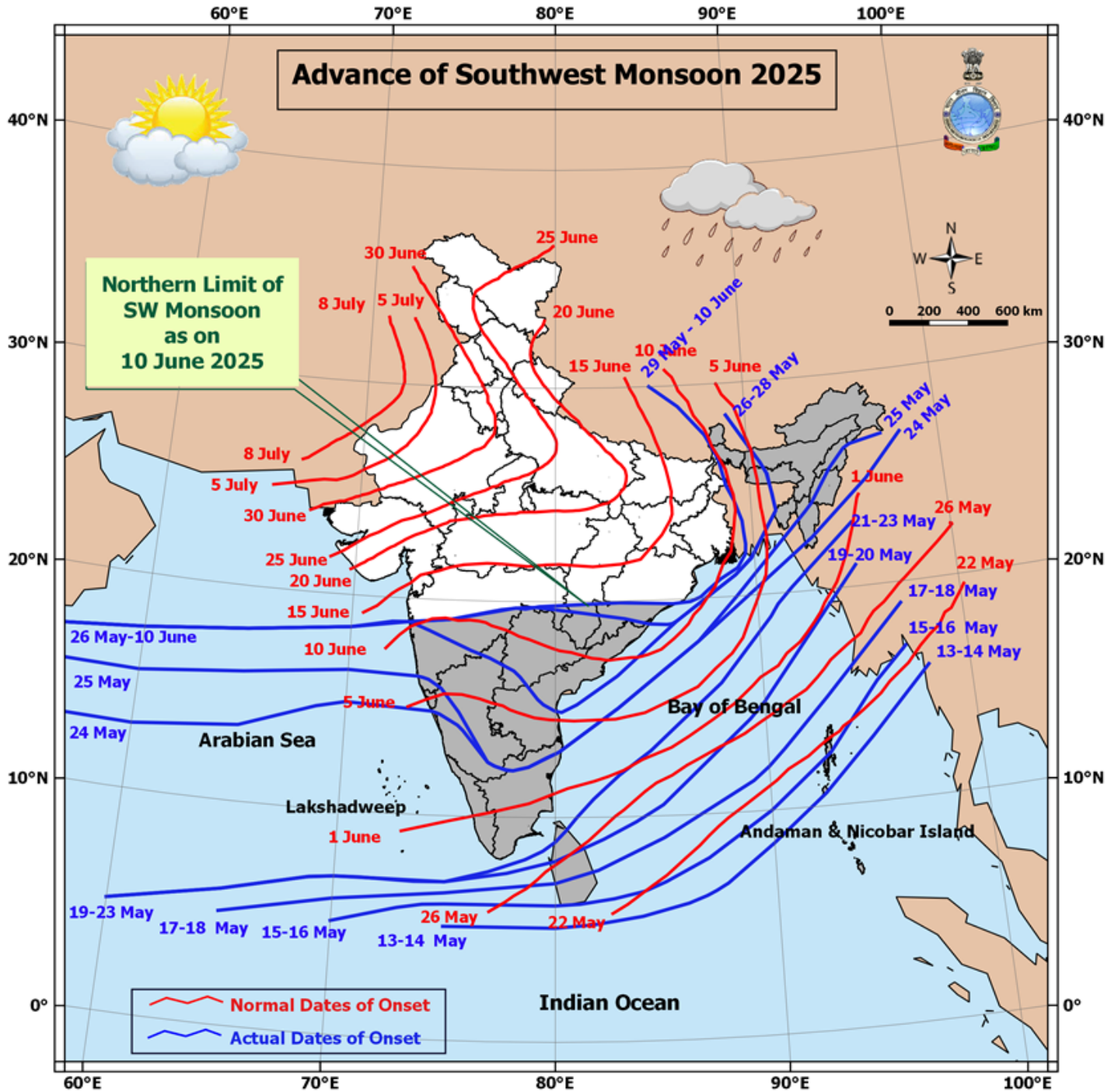
❖ **Maximum Temperature Departures (as on 10-06-2025): markedly above normal(> 5.1°C)** at many places over Assam & Meghalaya and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at most places over Arunachal Pradesh and Punjab; at few places over Sub Himalayan West Bengal & Sikkim, Haryana-Chandigarh-Delhi, Himachal Pradesh and East Madhya Pradesh; at isolated places over West Uttar Pradesh, West Rajasthan, East Rajasthan, West Madhya Pradesh, Vidarbha and Tamil Nadu, Puducherry & Karaikal. **appreciably above normal(3.1°C to 5.0°C)** at many places over Bihar and Uttarakhand; at few places over Nagaland, Manipur, Mizoram & Tripura and East Uttar Pradesh; at isolated places over Gangetic West Bengal, Odisha and Kerala & Mahe. **above normal(1.6°C to 3.0°C)** at many places over Coastal Karnataka; at few places over Lakshadweep; at isolated places over Jharkhand, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh & Yanam, Telangana and North Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Andaman & Nicobar Islands and Rayalaseema; at most places over Gujarat Region, Chhattisgarh and South Interior Karnataka. **The highest maximum temperature** of 47.6°C was reported at BHATINDA (PUNJAB).

### Meteorological Analysis (Based on 0530 hours IST)

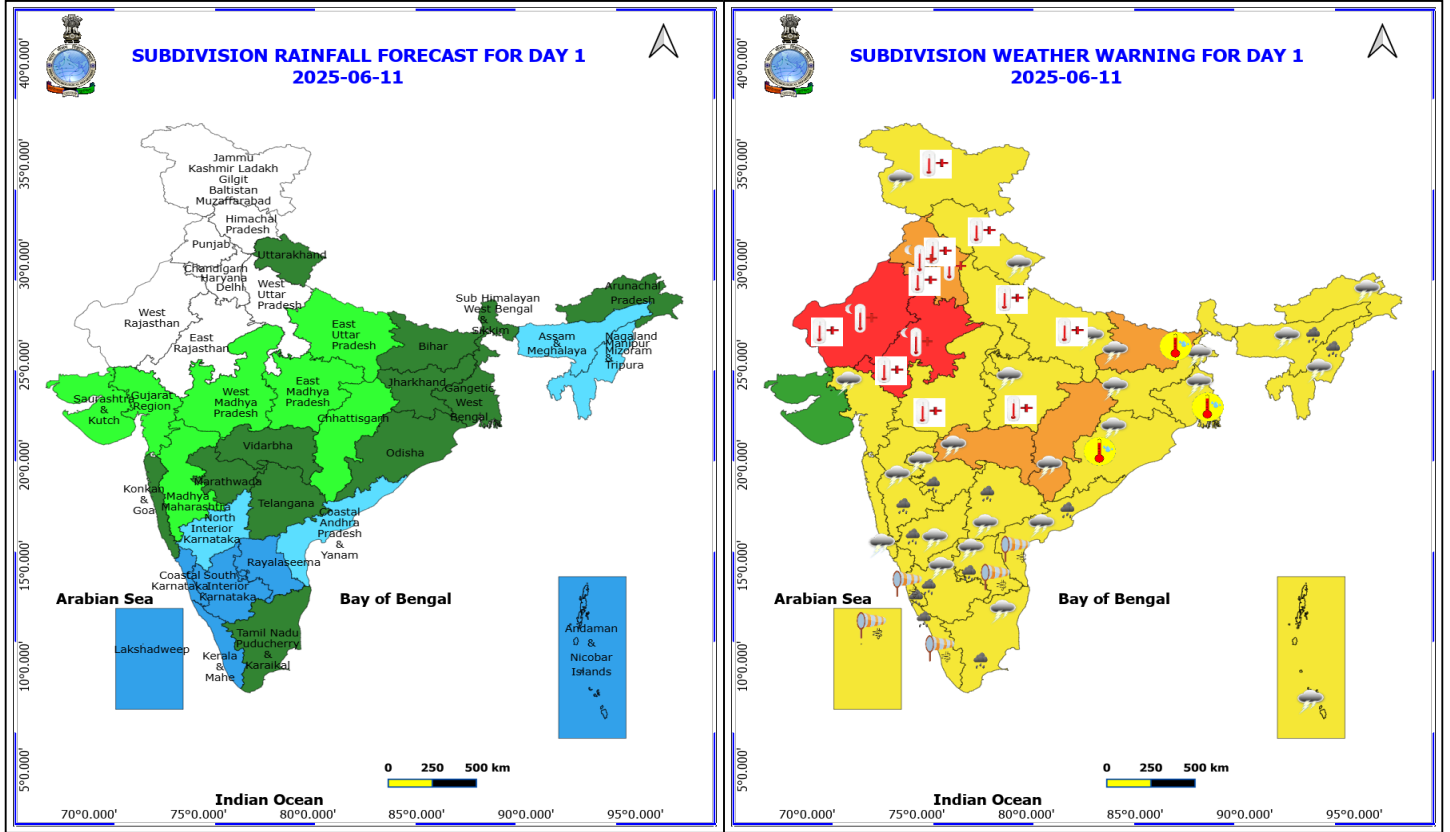
- The Northern Limit of Monsoon continues to pass through 17.0°N/55°E, 17.5°N/60°E, 18°N/65°E, 18.5°N/70°E, Mumbai, Ahilyanagar, Adilabad, Bhawanipatna, Puri, Sandhead Island, 23.5°N/89.5°E, Balurghat, 30°N/85°E.
- Conditions are likely to be favourable for further advancement of Southwest monsoon over some more parts of Central and adjoining East India around 14<sup>th</sup> June.
- The **upper air cyclonic circulation** over north Chhattisgarh now lies over East Madhya Pradesh and neighbourhood at 0.9 km above mean sea level.
- The **trough** from northwest Uttar Pradesh to west central Bay of Bengal across Cyclonic circulation over East Madhya Pradesh, south Chhattisgarh and South Odisha at 0.9 km above mean sea level.
- The **upper air cyclonic circulation** over north Pakistan & neighbourhood off Punjab at 1.5 km above mean sea level persists.
- The **upper air cyclonic circulation** over central parts of south Uttar Pradesh now lies over Southeast Uttar Pradesh & neighbourhood at 1.5 km above mean sea level.
- The **upper air cyclonic circulation** over north Odisha & neighbourhood between 1.5 & 5.8 km above mean sea level tilting southwards with height persists.
- The **trough** from north Tamil Nadu to south Maharashtra coast as a **shear zone** roughly along Lat. 15°N over the Indian Region between 3.1 and 4.5 km above mean sea level persists.
- The **Western Disturbance** as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level now runs roughly along Long. 64°E to the north of Lat. 28°N.
- The **upper air cyclonic circulation** over north Haryana & neighborhood at 1.5 km above mean sea level has become less marked.

### Weather Outlook for subsequent 3 days

- ❖ Fairly widespread to widespread rainfall activity likely over Northeast India, East India, Central India, Uttarakhand, Lakshadweep, Konkan & Goa, Marathwada, Madhya Maharashtra, Coastal and Interior Karnataka, Telangana, Tamilnadu, puducherry & karaikal and Kerala & Mahe.
- ❖ Isolated to scattered rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, East Rajashtan, Gujarat Uttar Pradesh and Rayalashheema.



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**11 June (Day 1)**

- ❖ **Heavy Rainfall** very likely at isolated places over Andhra Pradesh, Assam & Meghalaya, Costal Karnataka, Interior Karnataka, Kerala & Mahe, Madhya Maharashtra, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thunderquall with wind speed reaching(50-60kmph)** very likely at isolated places over Bihar, Chhattisgarh and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, East Uttar Pradesh, Gangetic West Bengal, Interior Karnataka, Jharkhand, Madhya Maharashtra, Marathwada, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Assam & Meghalaya, East Madhya Pradesh, Gujarat Region, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh and Arunachal Pradesh.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh, Costal Karnataka, Kerala & Mahe and Lakshadweep.
- ❖ **Heat Wave conditions** very likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, Punjab, Rajasthan and Uttar Pradesh.
- ❖ **Hot and Humid weather** very likely at isolated places over Bihar, Gangetic West Bengal and Odisha.

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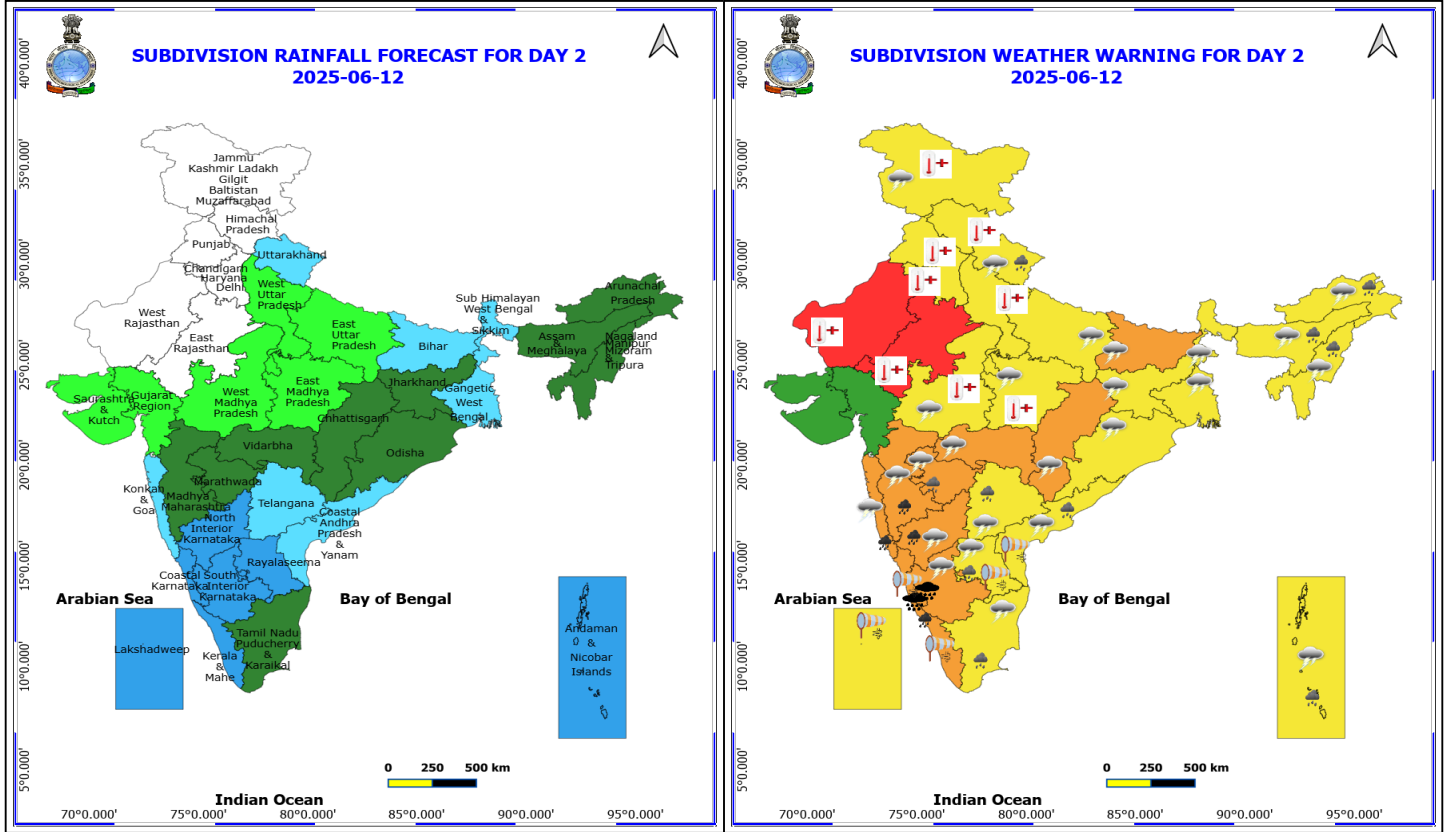
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- ❖ **Warm Night conditions** very likely at isolated places over Haryana, Chandigarh & Delhi, Punjab and Rajasthan.
- ❖ **Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail along and off Somalia coast and adjoining parts of southwest and westcentral Arabian Sea, and Gulf of Mannar. **Squally weather with wind speed 35 - 45 kmph gusting to 55 kmph** likely to prevail over Comorin area, over south Bay of Bengal, along and off Sri Lanka coast, Tamil Nadu and south Andhra Pradesh coasts, and over Andaman Sea. **Squally weather with wind speed 45 - 55 kmph gusting to 65 kmph** likely to prevail over off south Sri Lanka coast and adjoining southwest Bay of Bengal. Fisherman are not advised not to venture into the sea.



**12 June (Day 2)**

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

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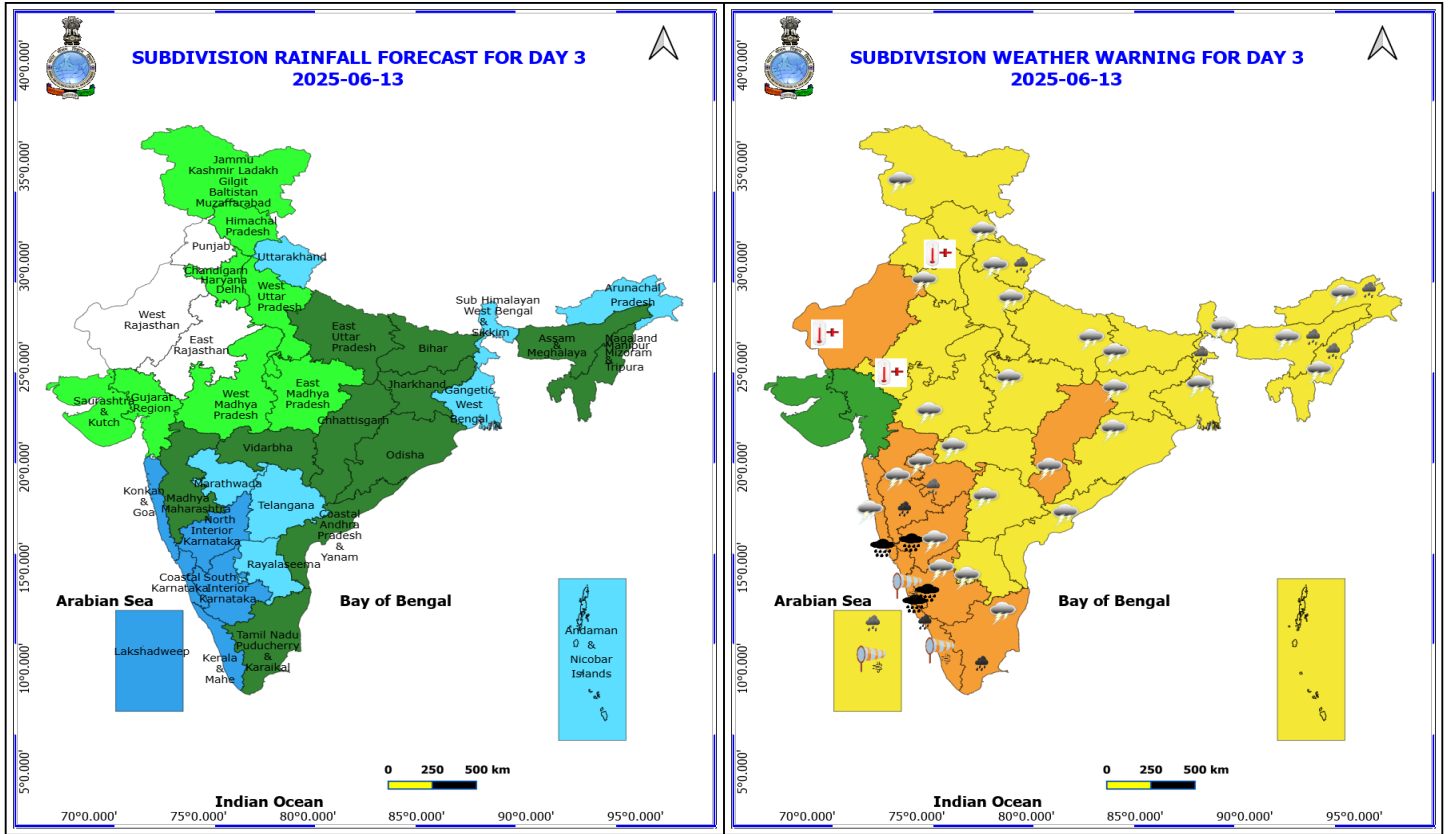
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❖ **Heat Wave conditions** very likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, Punjab, Rajasthan and West Uttar Pradesh.

❖ **Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail along and off Somalia coast and adjoining parts of southwest and westcentral Arabian Sea, and Gulf of Mannar. **Squally weather with wind speed 35 - 45 kmph gusting to 55 kmph** likely to prevail along and off south Konkan, Goa, Karnataka, Kerala coasts, Lakshadweep, Maldives, Comorin areas, over south Bay of Bengal, adjoining central Bay of Bengal, along and off Sri Lanka, Tamil Nadu, south Andhra Pradesh coasts, and over Andaman Sea. Fisherman are not advised not to venture into the sea.



**13 June (Day 3)**

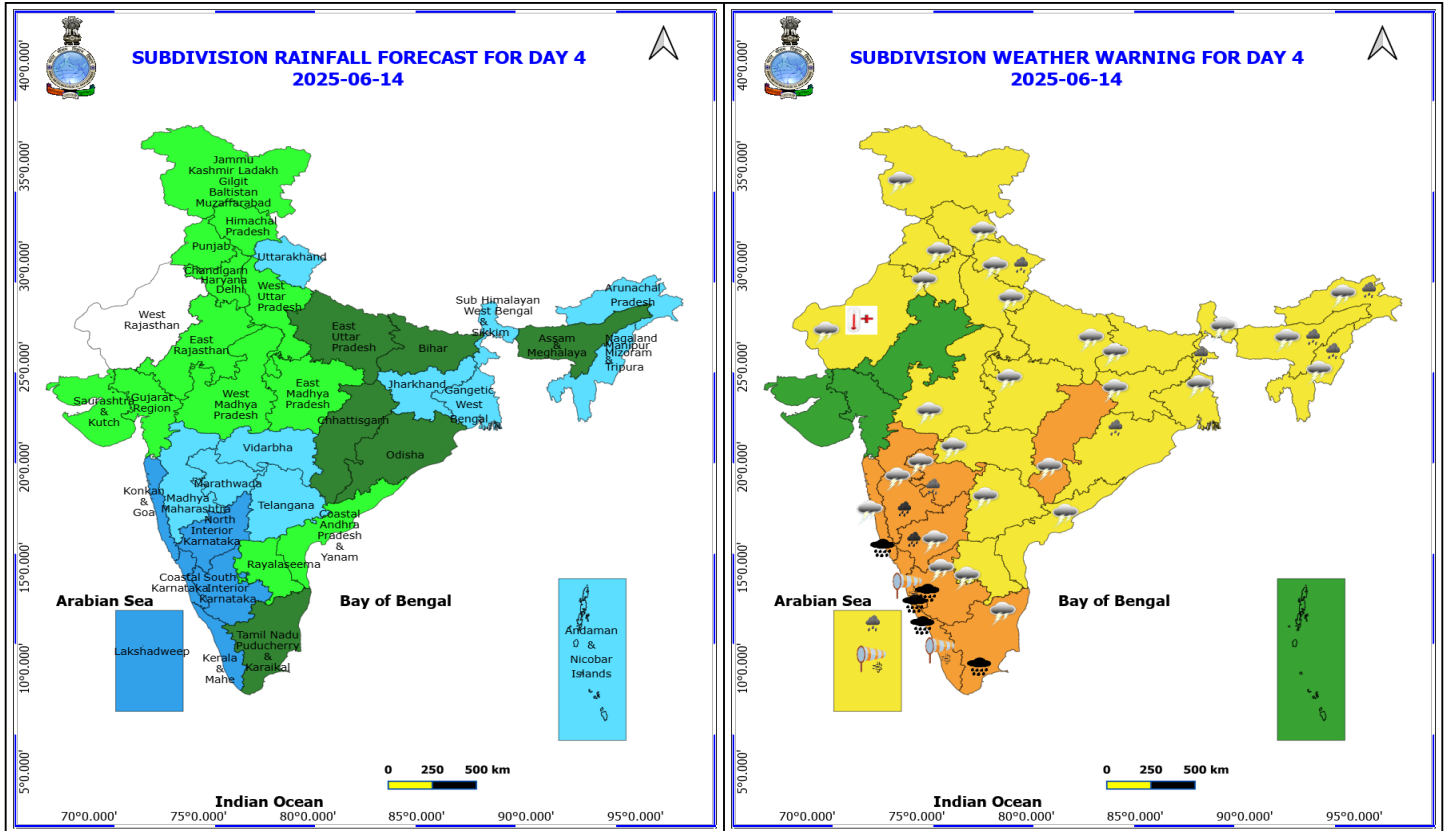
- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Costal Karnataka, Interior Karnataka and Konkan & Goa.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Kerala & Mahe, Madhya Maharashtra and Tamil Nadu Puducherry &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

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❖ **Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail along and off Somalia coast and adjoining parts of southwest and westcentral Arabian Sea, and Gulf of Mannar. **Squally weather with wind speed 35 - 45 kmph gusting to 55 kmph** likely to prevail along and off south Konkan & adjoining north Konkan coasts, Goa, Karnataka, Kerala coasts, Lakshadweep, Maldives, Comorin areas, over south Bay of Bengal, adjoining central Bay of Bengal, along and off Sri Lanka, Tamil Nadu coasts, off south Andhra Pradesh coasts and over Andaman Sea. Fisherman are not advised not to venture into the sea.



**14 June (Day 4)**

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Costal Karnataka, Kerala & Mahe, Konkan & Goa, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Madhya Maharashtra and North Interior Karnataka.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Lakshadweep, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Chhattisgarh, Interior Karnataka, Konkan & Goa, Madhya Maharashtra and Marathwada.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over East Madhya Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Punjab, Telangana, Uttar Pradesh, Uttarakhand, Vidarbha and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andhra Pradesh, Bihar, Tamil Nadu Puducherry & Karaikal, West Bengal & Sikkim and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Strong Surface Winds** likely at isolated places over Costal Karnataka, Kerala & Mahe and Lakshadweep.
- ❖ **Heat Wave conditions** likely at isolated places over West Rajasthan.

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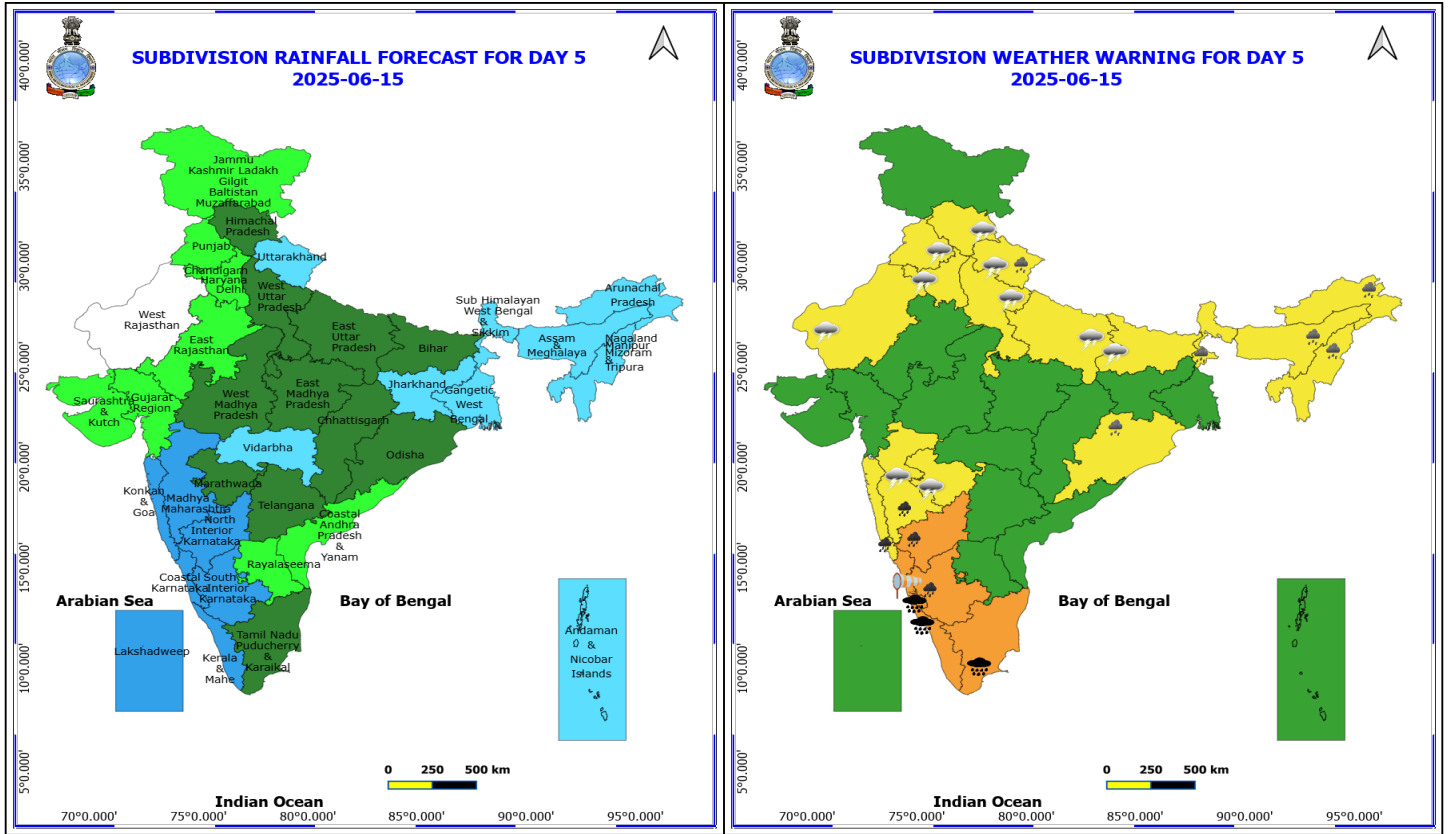
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❖ **Squally wind with speed 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail along and off Somalia coast and adjoining parts of southwest and westcentral Arabian Sea, and Gulf of Mannar. **Squally weather with wind speed 35 - 45 kmph gusting to 55 kmph** likely to prevail over southeast Arabian Sea & northern parts of southwest, southern parts of westcentral Arabian Sea, many parts of eastcentral Arabian Sea, along and off Konkan, Goa, Karnataka, Kerala coasts, Lakshadweep, Maldives, Comorin areas, over south Bay of Bengal, adjoining central Bay of Bengal, along and off Sri Lanka, Tamil Nadu coasts, and over Andaman Sea. Fisherman are not advised not to venture into the sea.



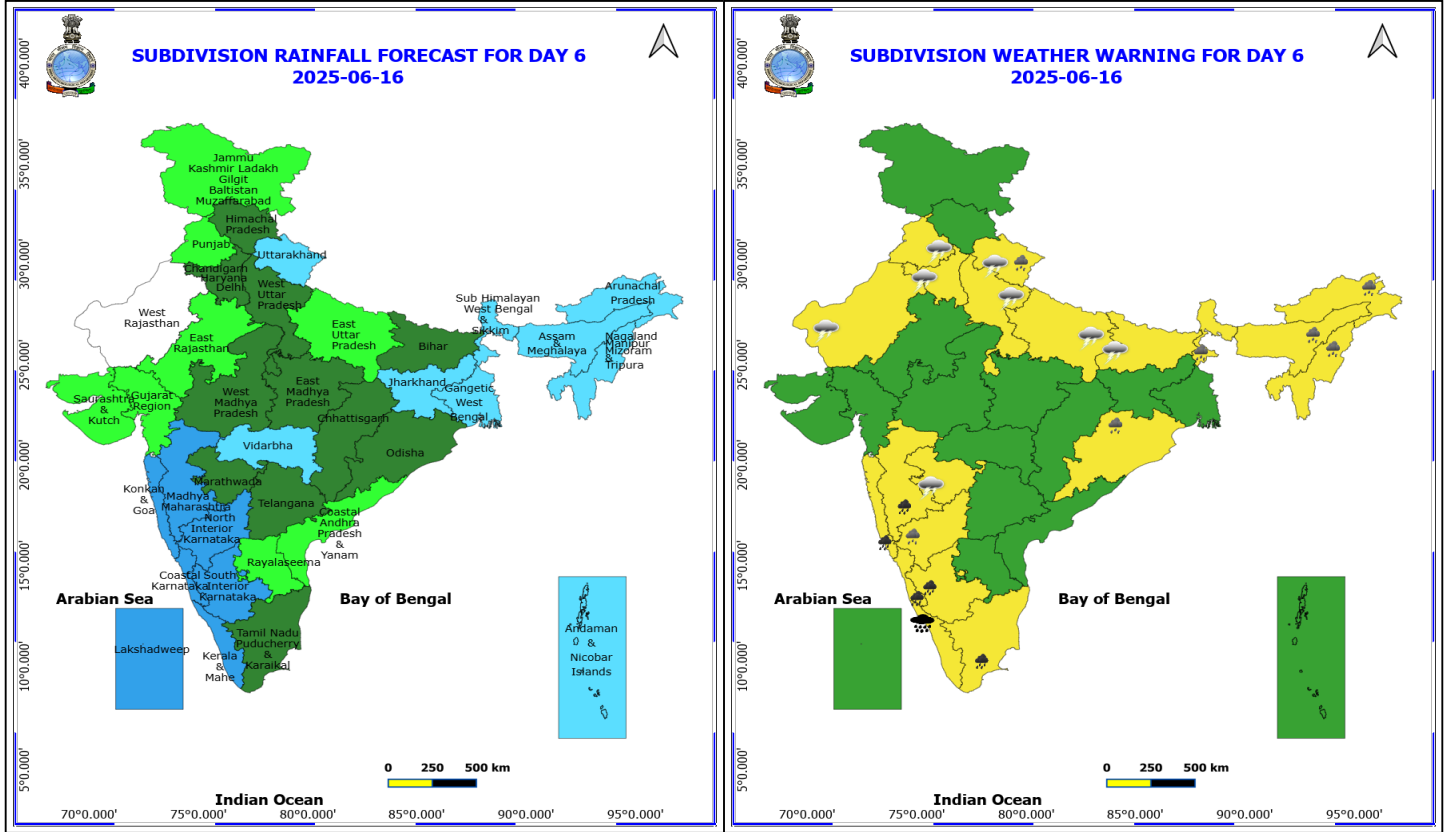
**15 June (Day 5)**

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Costal Karnataka, Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Interior Karnataka, Konkan & Goa and Madhya Maharashtra.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Madhya Maharashtra.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Marathwada, Punjab, Uttar Pradesh, Uttarakhand and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar.
- ❖ **Strong Surface Winds** likely at isolated places over Costal Karnataka.

**No Fishermen Warning**

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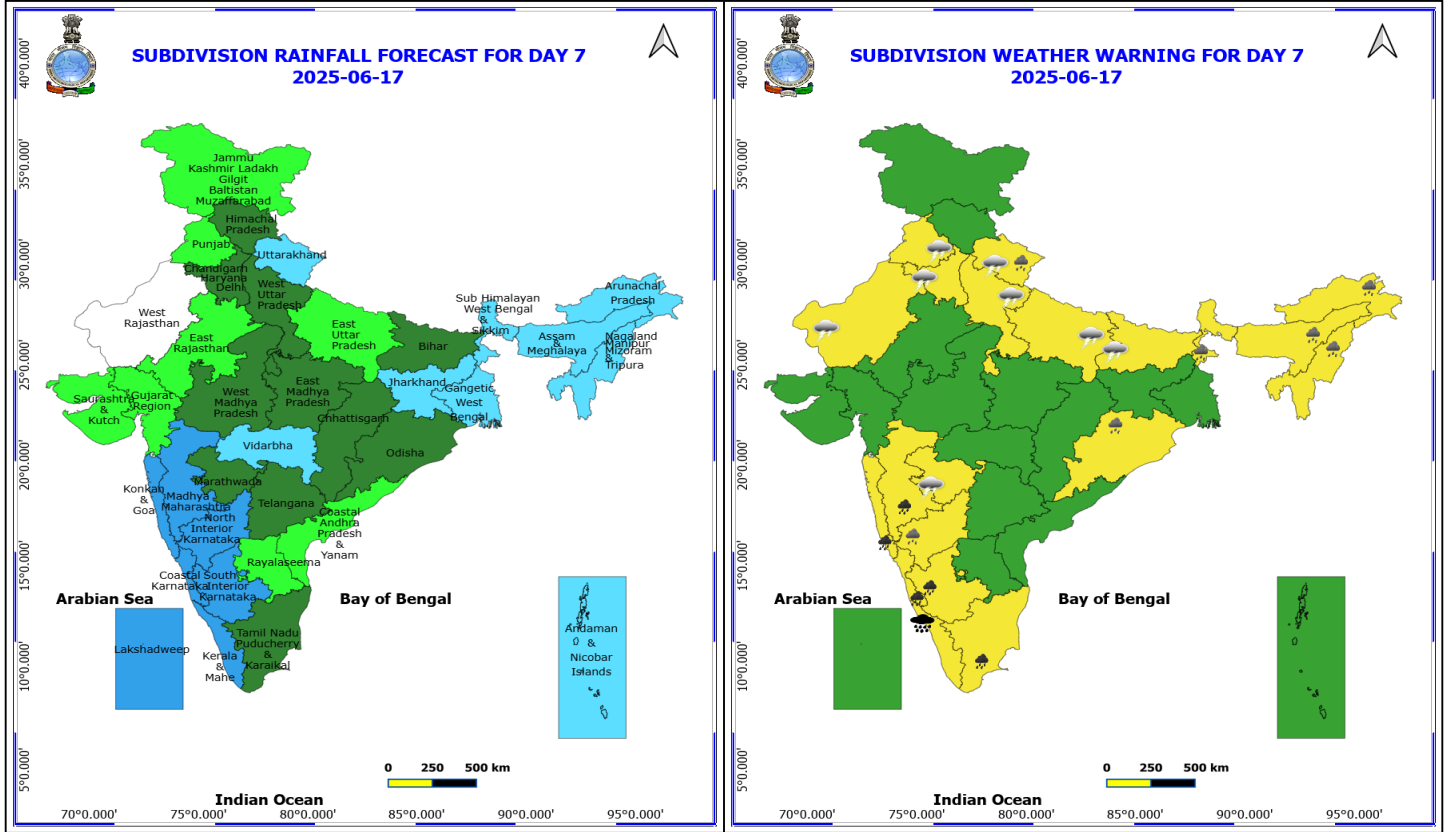
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**16 June (Day 6)**

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Kerala & Mahe.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Costal Karnataka, Konkan & Goa, Madhya Maharashtra, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka, Odisha, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Haryana, Chandigarh & Delhi, Marathwada, Punjab, Uttar Pradesh, Uttarakhand and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar.

**No Fishermen Warning**



**17 June (Day 7)**

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Kerala & Mahe.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Costal Karnataka, Konkan & Goa, Madhya Maharashtra, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka, Odisha, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Haryana, Chandigarh & Delhi, Marathwada, Punjab, Uttar Pradesh, Uttarakhand and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar.

**No Fishermen Warning**



## Table-1

### 7 Days Rainfall Forecast

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

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

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Fig. 1: Maximum Temperatures Dated 2025-06-11

Fig. 2: Departure of Maximum Temp. Dated 2025-06-11

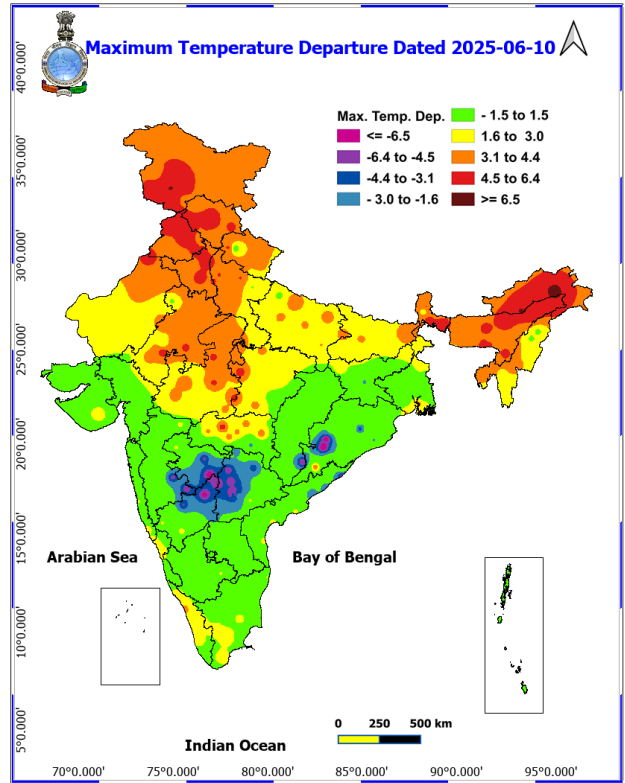
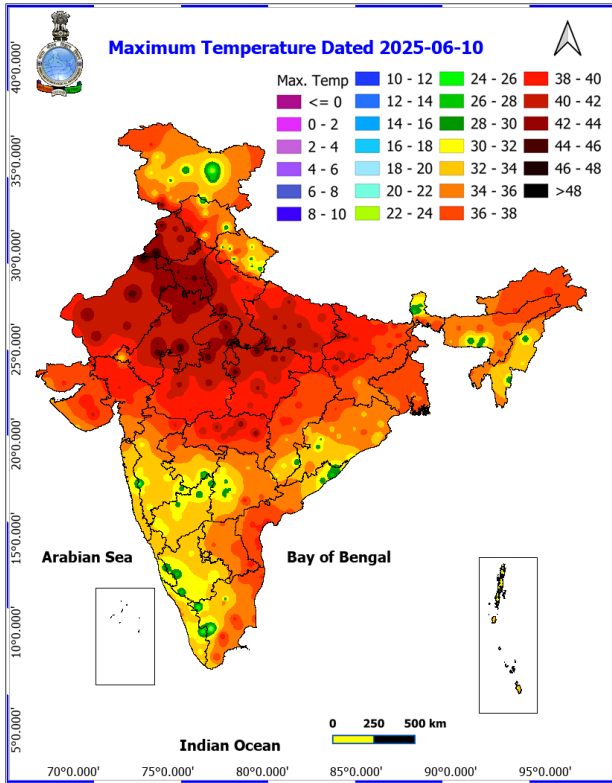
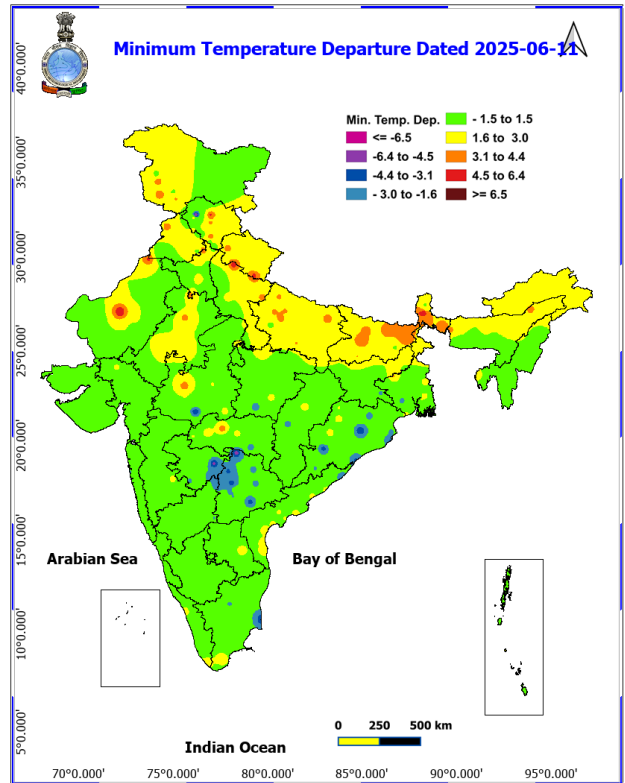
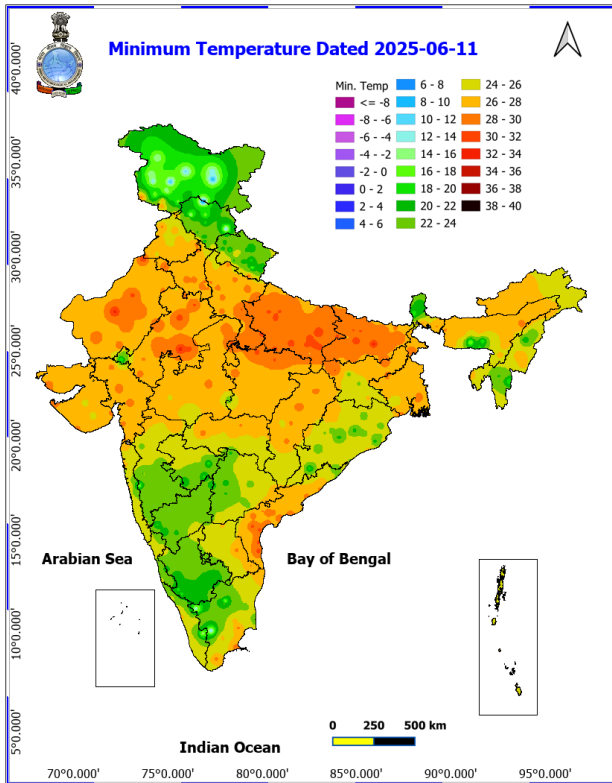
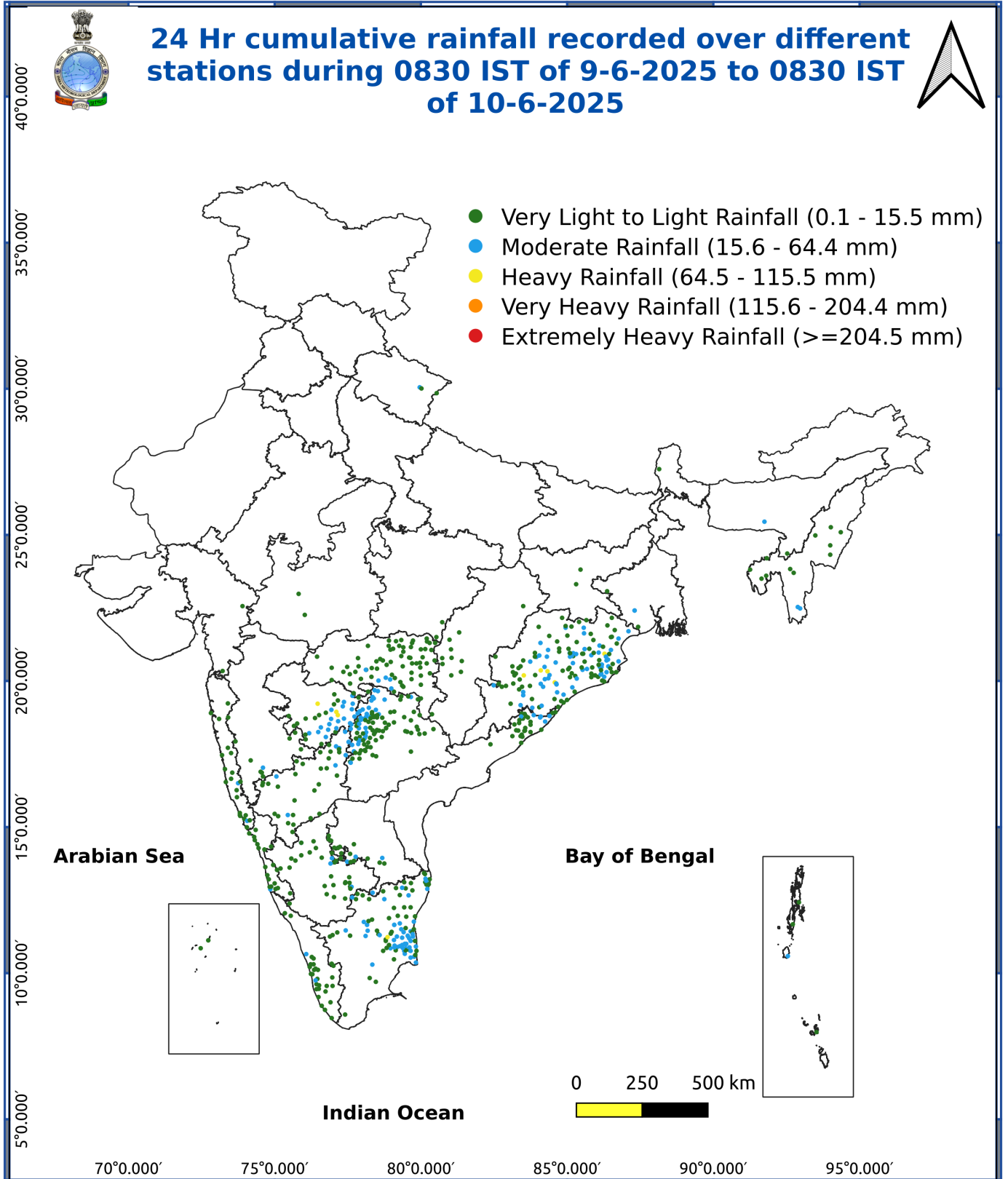


Fig. 3: Minimum Temperatures Dated 2025-06-11

Fig. 4: Departure of Minimum Temp. Dated 2025-06-11





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

- **Extremely heavy rainfall** over Kerala & Mahe during 14th-17th, Coastal Karnataka during 12th-17th, South Interior Karnataka during 12th-14th and over North Interior Karnataka on 13th, Konkan & Goa on 13th & 14th, Tamilnadu Puducherry & Karaikal on 14th & 15th June.
- **Very heavy rainfall** over Tamilnadu Puducherry & Karaikal, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra during 12th-17th, Coastal Karnataka on 16th, North Interior Karnataka during 12th-15th, South Interior Karnataka during 15th-17th 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.

### Impact expected and action suggested due to isolated thunderstorm with lightning/gusty & Squally winds over

- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** at isolated places over Madhya Maharashtra, Marathawada, Konkan & Goa during 12th-14th, Vidarbha on 11th & 12th, Chhattisgarh during 11th-14th, Bihar on 12th & 13th June.
- **Strong surface winds** (speed 50-60 kmph) very likely over Coastal Andhra Pradesh & Yanam, Rayalaseema on 11th & 12th, Kerala & Mahe, Lakshadweep on 14th June.

### 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.

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- 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.

**Impact expected and action suggested due to Heat wave condition** very likely at many/some places over West Rajasthan during 11th-17th with **severe heat wave conditions** at isolated/some parts during 11th-13th June.

- **Heat wave to severe heat wave conditions** very likely at isolated/some parts are likely to prevail over East Rajasthan during 11th-13th June.
- **Heat wave conditions** are likely to prevail over East Uttar Pradesh on 11th, Punjab during 11th-13th, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Haryana, West Uttar Pradesh, north Madhya Pradesh on 11th & 12th June.

#### Red alert Areas

- Very high likelihood of developing heat illness and heat stroke in all ages.
- Extreme care needed for vulnerable people.

#### Orange alert Areas:

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

#### Yellow alert Areas:

- Moderate temperature & heat is tolerable for general public but moderate health concern likely for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure.
- Wear lightweight, light colour, loose, cotton clothes.
- Cover your head, use a cloth, hat or umbrella.

### Agromet advisories for various parts of the country

#### Agromet advisories for likely impact of Rainfall / Gusty Winds / Heat Wave

- Drain out excess water and ensure proper drainage in standing crops, vegetables and orchards in **Tamil Nadu, Kerala, Karnataka, Andhra Pradesh, Telangana, Madhya Maharashtra, Marathwada** and **NMMT**.
- Provide mechanical support and propping to horticultural crops and staking to vegetables to avoid lodging.
- In **Jammu & Kashmir, Himachal Pradesh, Punjab, Haryana, Uttar Pradesh, Rajasthan** and **north Madhya Pradesh** apply light and frequent irrigation in the evening to protect standing crops, vegetables and orchards from the adverse effects of heat waves and high temperatures. Undertake mulching with crop residue, straw, polythene or soil to conserve soil moisture.

#### Livestock / Poultry / Fishery

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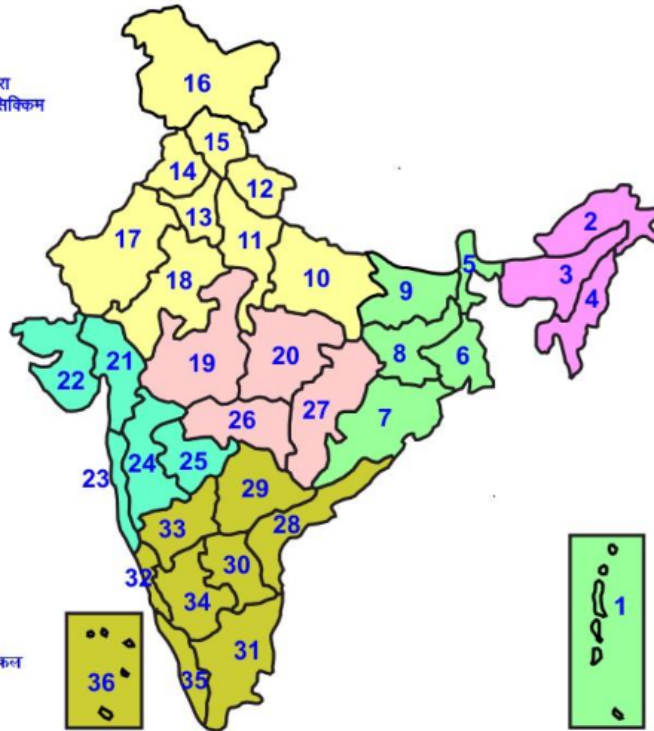
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- Keep the animals inside the shed during heavy rainfall / hailstorm and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.
- To reduce the effect of heat wave/high temperature, cover the roof of poultry sheds with grass. Also, provide clean, hygienic and plenty of drinking water to animals.

## LEGENDS

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



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

## SPATIAL DISTRIBUTION (% of Stations reporting)

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

### Subdivision Colour

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

### Probabilistic Forecast

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

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

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## LEGENDS

### WARNING

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

### Probabilistic Forecast

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



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



When maximum temperature of a station reaches  $\geq 40^{\circ}\text{C}$  for plains and  $\geq 30^{\circ}\text{C}$  for hilly regions  
(a) Based on Departure from normal

Heat Wave: Maximum Temperature Departure from normal  $4.5^{\circ}\text{C}$  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 atleast 1 minute.

Moderate: Wind speed 52-61 kmph  
Severe: Wind speed 62-87 kmph  
Very Severe: Wind speed  $> 87$  kmph



Effect of various waves in the sea over specific area

Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre  
High to very high: Wind speed 63-117 kmph ( 34-63 knots) & Wave height 6-14 metre  
Phenomenal: Wind speed  $> 117$  kmph ( $> 63$  knots) & Wave height  $> 14$  metre



Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots)  
Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)  
Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)  
Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)  
Super Cyclone Storm: Wind speed  $> 220$  kmph ( $> 119$  knots)

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