



2025-10-04

Time of Issue: 12:37:00 hours IST

(Mid-Day)

#### ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

#### **Significant Weather Features**

#### Weather systems and warnings:

#### East India:

Extremely heavy rainfall (≥21 cm) with isolated exceptionally heavy rainfall (≥ 30 cm) at isolated places likely over North Bihar on 04th, with Isolated Extremely heavy rainfall on 05th October.

Isolated Extremely heavy rainfall (≥21 cm) likely over Sub-Himalayan West Bengal, Sikkim on 04th & 05th with isolated heavy rainfall over Sub-Himalayan West Bengal & Sikkim on 06th October.

Light to moderate rainfall/thunderstorm at most/many places with isolated heavy rainfall likely over Jharkhand on 04th & 05th; over Bihar on 06th October.

Thunderstorm & gusty winds (speed reaching 30-40 kmph) very likely over East India during next 4-5 days.

#### Northeast India:

Light/moderate rain/thunderstorm at many/some places with isolated heavy rainfall likely over Arunachal Pradesh on 04th,5th & during 07th–09th; Assam & Meghalaya during 04th ,05th & 8th, 9th; Nagaland, Manipur, Mizoram & Tripura during 07th – 10th October.

#### South Peninsular India:

Light to moderate rain/thunderstorm at many/some places with isolated heavy rainfall likely over Tamil Nadu on 04th & 05th; Coastal Andhra Pradesh & Yanam and Rayalaseema on 04th and Kerala & Mahe on 05th & 06th October. Strong surface winds (speed reaching 30-40 kmph) over Coastal Andhra Pradesh & Yanam & Rayalaseema during next 5 days.

Thunderstorm with gusty wind (speed reaching 30-40 kmph) over Karnataka on 04th & 05th; Telangana during 04th – 08th October.

#### Northwest India:

Isolated Extremely heavy rainfall (≥21 cm) likely over East Uttar Pradesh on 04th October.

Isolated to scattered rainfall very likely over Northwest India on 04th and increase thereafter with fairly widespread to widespread rainfall accompanied with thunderstorm & lightning during 05th-07th October.

Isolated heavy rain/snow likely over Uttarakhand on 06th & 07th October.

Isolated heavy rainfall likely over Jammu-Kashmir-Ladakh and West Rajasthan 05th & 06th; Himachal Pradesh and Punjab during 05th -07th; East Rajasthan and Haryana Chandigarh & Delhi on 06th & 07th; West Uttar Pradesh on 06th; with very heavy rainfall over Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi on 06th October.

Isolated hailstorm activity is also likely over Himachal Pradesh and Punjab on 05th & 06th; Haryana Chandigarh & Delhi, West Uttar Pradesh, Uttarakhand & Rajasthan on 06th October.

Thunderstorm with gusty wind (speed reaching 30-50 kmph) over Jammu-Kashmir, Himachal Pradesh, Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh and Rajasthan during 05th – 07th; East Uttar Pradesh on 04th October.

#### West India:

Light to moderate rain/thunderstorm at some/isolated places with isolated heavy rainfall likely over Konkan & Goa & Saurashtra & Kutch on 8th and Gujarat Region on 08th and 09th October.



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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 Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Jharkhand, Bihar, East Uttar Pradesh and Chhattisgarh; at many places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Odisha, East Madhya Pradesh, Konkan & Goa and Tamil Nadu, Puducherry & Karaikal; at a few places over Nagaland, Manipur, Mizoram & Tripura, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Saurashtra & Kutch, Coastal Karnataka and Lakshadweep; at isolated places over West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Punjab, West Rajasthan, East Rajasthan, West Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Marathwada, Vidarbha, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe; Dry over rest of the country.
- ❖ Significant rainfall recorded(in cm) (from 0830 hours IST of yesterday to 0830 hours IST of today): Bihar: Maharajganj (dist Siwan) 32; Jagdishpur (dist Bhojpur) 29; Goriakothi (dist Siwan) 28; Kessariah (dist East Champaran), Kalyanpur (dist East Champaran) 25 Each; Pachrukhi (dist Siwan), Piro (dist Bhojpur), Raghunathpur (dist Siwan) 24 Each; Charpokhiri (dist Bhojpur), Shahpur (dist Bhojpur), Bihiyan (dist Bhojpur) 23 Each; Sasaram (dist Rohtas), Mairwa (dist Siwan), Duraundha (dist Siwan), Ziradei (dist Siwan) 22 Each; Tarari (dist Bhojpur) 21; Garhani (dist Bhojpur) 20; Nokha (dist Rohtas) 19; East Uttar Pradesh: Varanasi BHU (dist Varanasi) 19; Gaighat (Bla Fmo) (dist Ballia) 17; Chunar (dist Mirzapur) 14; Chandauli (dist Chandauli) 13; Sakaldeeha (dist Chandauli), Jaunpur Tehsil (dist Jaunpur), Rajghat (Vns CWC) (dist Varanasi) 12 Each; Turtipar (dist Ballia), Mirzapur Tehsil (dist Mirzapur) 11 Each; Lalganj (dist Mirzapur), Churk (dist Sonbhadra) 10 Each; Jharkhand: Bhawnathpur (dist Garhwa) 18; Dhurki (dist Garhwa) 13; East Madhya Pradesh: Churhat (dist Sidhi) 13; Singrauli-aws (dist Singrauli) 11; Tamil Nadu, Puducherry & Karaikal: Hosur (dist Krishnagiri) 12; Dindigul (dist Dindigul), Keelpennathur (dist Tiruvannamalai), Rscl-3 Semmedu (dist Villupuram), Rscl-3 Avalurpettai (dist Villupuram) 10 Each; West Madhya Pradesh: Depalpur (dist Indore), Indore (dist Indore) 11 Each; East Rajasthan: Pindwara (dist Sirohi) 11; Rayalaseema: Palamaner (dist Chittoor) 10; Odisha: Khordha PTO (dist Khurda) 10.
- ♦ Heavy Rainfall observed (from 0830 hours IST of yesterday to 0830 hours IST of today): Extremely heavy rain at isolated places over Bihar. Heavy to very heavy rain at isolated places over Jharkhand, Bihar, East Uttar Pradesh, East Madhya Pradesh and Tamil Nadu, Puducherry & Karaikal. Heavy rain at isolated places over Arunachal Pradesh, Assam & Meghalaya, Gangetic West Bengal, Odisha, West Rajasthan, East Rajasthan, West Madhya Pradesh, Chhattisgarh and Rayalaseema.
- ♦ Minimum Temperature Departures (as on 04-10-2025): markedly above normal(> 5.1°C) at few places over Himachal Pradesh; at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Bihar, West Uttar Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and West Rajasthan. appreciably above normal(3.1°C to 5.0°C) at many places over East Madhya Pradesh; at few places over Haryana-Chandigarh-Delhi, East Rajasthan and West Madhya Pradesh; at isolated places over Odisha, East Uttar Pradesh, Saurashtra & Kutch, Madhya Maharashtra and Coastal Andhra Pradesh & Yanam. above normal(1.6°C to 3.0°C) at many places over Uttarakhand and Kerala & Mahe; at most places over Punjab; at few places over Gujarat Region, Marathwada, Vidarbha and Coastal Karnataka; at isolated places over Gangetic West Bengal, Jharkhand, Chhattisgarh, Telangana, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and South Interior Karnataka. near normal(-1.5°C to 1.5°C) at most places over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Konkan & Goa, North Interior Karnataka and Lakshadweep; at few places over Arunachal Pradesh. The lowest minimum temperature of 18.2°C is reported at UNA (HIMACHAL PRADESH) over the Plains of India.
- \* Maximum Temperature Departures (as on 03-10-2025): markedly above normal(> 5.1°C) at isolated places over Coastal Andhra Pradesh & Yanam. appreciably above normal(3.1°C to 5.0°C) at isolated places over Himachal Pradesh, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. above normal(1.6°C to 3.0°C) at few places over Uttarakhand and Lakshadweep; at isolated places over Assam & Meghalaya, West Uttar Pradesh, Madhya Maharashtra, Vidarbha and Chhattisgarh. near normal(-1.5°C to 1.5°C) at many places over Haryana-Chandigarh-Delhi, West Rajasthan, Konkan & Goa, Telangana and North Interior Karnataka; at most places over Nagaland, Manipur, Mizoram & Tripura, Punjab, Coastal Karnataka and South Interior Karnataka; at few places over Andaman & Nicobar Islands, Arunachal Pradesh, Sub Himalayan West Bengal & Sikkim, Odisha, East Uttar Pradesh, West Madhya Pradesh, Gujarat Region and Marathwada; at isolated places over Gangetic West Bengal, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, East Rajasthan and East Madhya Pradesh. The highest maximum temperature of 39.0°C is reported at PALAYAMKOTTAI (TAMIL NADU).



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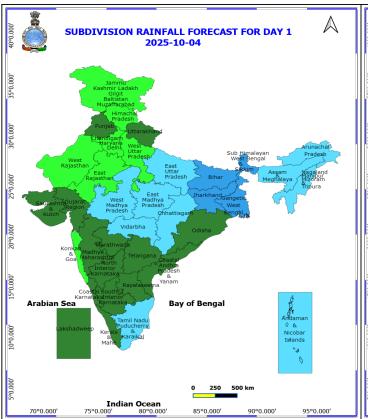
#### Meteorological Analysis (Based on 0830 hours IST)

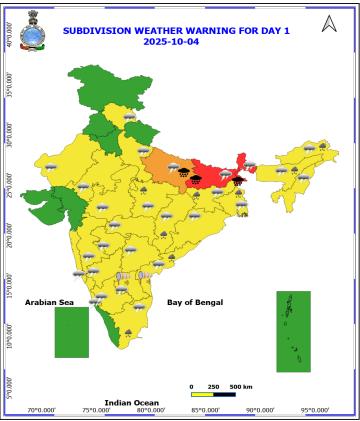
- The **line of withdrawal of southwest monsoon** continues to pass through 20°N/ 69°E, Veraval, Bharuch, Ujjain, Jhansi, Shahjahanpur and 30°N/81°E.
- The well marked low pressure over west Jharkhand and adjoining areas of south Bihar, southeast Uttar Pradesh and north Chhattisgarh persisted over the same region at 0830 hrs IST of today, the 4<sup>th</sup> October 2025. The associated cyclonic circulation now extends upto 5.8 km above mean sea level. It is likely to move north-northeastwards towards Bihar and weaken gradually into a low pressure area during next 12 hours
- The severe cyclonic storm "Shakhti" [Pronunciation: Shakhti] over northeast Arabian Sea moved westwards with a speed of 18 kmph during last 6 hours and lay centered at 0830 hrs IST of today, the 4th October, 2025 over northwest & adjoining northeast Arabian Sea near latitude 22.0N and longitude 64.5E, about 470 km west of Dwarka, 470 km west-southwest of Naliya, 420 km southwest of Karachi (Pakistan) and 600 km east-northeast of Masirah (Oman). It is likely to move west-southwestwards and reach northwest and adjoining west central Arabian Sea by 5th October. Thereafter, it will recurve and move east-northeastwards from morning of 6th October 2025 and weaken gradually.
- The trough from the northeast Bihar to east Vidarbha across cyclonic circulation associated with well marked low pressure area over west Jharkhand and adjoining areas of south Bihar, southeast Uttar Pradesh and north Chhattisgarh between 1.5 & 5.8 km above mean sea level persists.
- The **trough** from the south interior Karnataka to Comorin area across interior **Tamil Nadu** at 1.5 km above mean sea level persists.
- An upper air cyclonic circulation lies over southwest Bay of Bengal off Tamil Nadu coast at 3.1 km above mean sea level.
- An upper air cyclonic circulation lies over northeast Assam at 0.9 km above mean sea level.
- 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. 73°E to the north of Lat. 29°N.
- A fresh **Western Disturbance** is likely to affect Northwest India from 05<sup>th</sup> October 2025.

#### Weather Outlook for subsequent 3 days

- Fairly widespread to widespread rainfall activity is likely over Northeast India.
- Isolated to scattered rainfall activity likely over West & East India.







#### 4 October (Day 1)

- ♦ Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall very likely at isolated places over Bihar, East Uttar Pradesh and Sub Himalayan West Bengal & Sikkim.
- ♦ Heavy Rainfall very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, Gangetic West Bengal, Jharkhand and Tamil Nadu Puducherry & Karaikal.
- ❖ Thunderstorm accompanied with lightning & gusty winds(40-50kmph) very likely at isolated places over East Uttar Pradesh, Himachal Pradesh and West Bengal & Sikkim.
- ♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Bihar, Coastal Andhra Pradesh, Coastal Karnataka, Jharkhand, North Interior Karnataka, Odisha and Telangana.
- Thunderstorm accompanied with Lightning very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Konkan & Goa, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Rajasthan, Rayalaseema, South Interior Karnataka, Tamil Nadu Puducherry & Karaikal and West Uttar Pradesh.
- **Strong Surface Winds** very likely at isolated places over Andhra Pradesh.

Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to along and off Somalia coast and adjoining areas.

Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Gujarat coast, north Arabian Sea & many parts of westcentral, some parts of eastcentral Arabian Sea, along and off Pakistan, north Oman coasts, along and off Gujarat, Odisha, West Bengal coasts.

Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph likely to prevail over some parts of north



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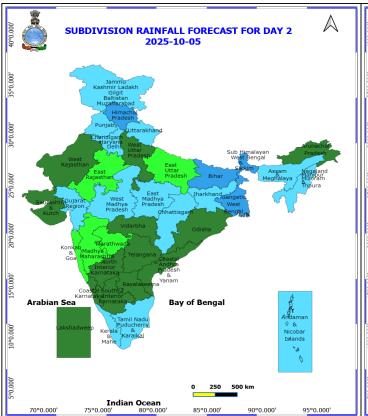
& central Arabian sea.

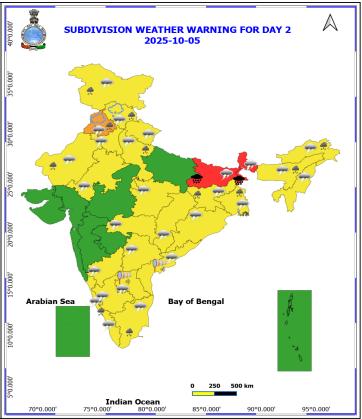
Squally weather with wind speed reaching 50 - 60 kmph gusting to 70 kmph likely to prevail over some northeastern parts of westcentral Arabian sea & adjoining areas.

CS with gale winds with speed reaching 60- 80 kmph gusting to 90 kmph likely to prevail over northeastern parts of westcentral Arabian sea & adjoining areas.

SCS with gale winds with speed reaching 90- 110 kmph gusting to 120 kmph likely to prevail over few northeastern parts of westcentral Arabian sea & adjoining areas.







#### 5 October (Day 2)

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

Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to along and off Somalia coast and adjoining areas.



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Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Gujarat coast, north Arabian Sea & many parts of westcentral, some parts of eastcentral Arabian Sea, along and off Pakistan, Oman coasts, along and off north & adjoining south Gujarat coasts.

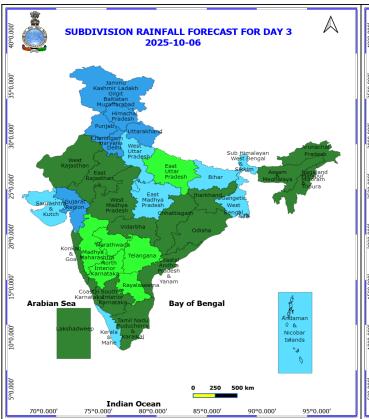
Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph likely to prevail over some parts of north & central Arabian sea.

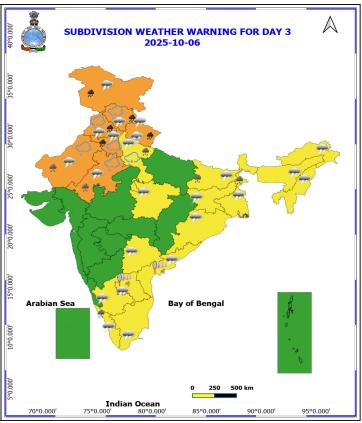
Squally weather with wind speed reaching 50 - 60 kmph gusting to 70 kmph likely to prevail over some northeastern parts of westcentral Arabian sea & adjoining areas.

CS with gale winds with speed reaching 60- 80 kmph gusting to 90 kmph likely to prevail over northeastern parts of westcentral Arabian sea & adjoining areas.

SCS with gale winds with speed reaching 90- 110 kmph gusting to 120 kmph likely to prevail over few northeastern parts of westcentral Arabian sea & adjoining areas.







#### 6 October (Day 3)

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

Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to along and off Somalia coast and adjoining areas.



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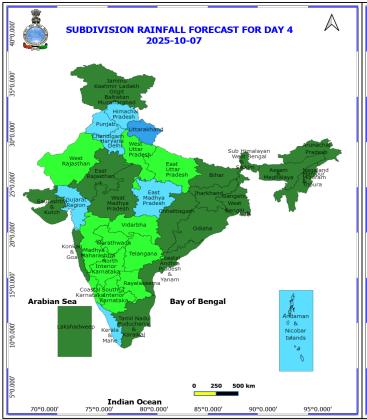
Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Gujarat coast, north Arabian Sea & many parts of westcentral, some parts of eastcentral Arabian Sea, along and off Pakistan, north Oman coasts, along and off north & adjoining south Gujarat coasts.

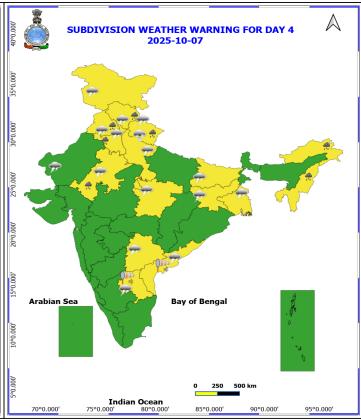
Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph likely to prevail over some parts of north & central Arabian sea.

Squally weather with wind speed reaching 50 - 60 kmph gusting to 70 kmph likely to prevail over some northeastern parts of westcentral Arabian sea & adjoining areas.

CS with gale winds with speed reaching 60- 80 kmph gusting to 90 kmph likely to prevail over northeastern parts of westcentral Arabian sea & adjoining areas.



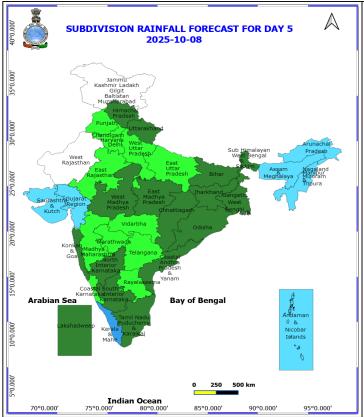


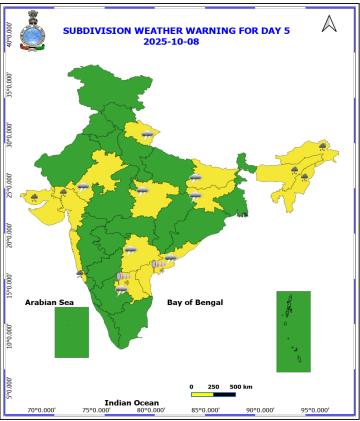


#### 7 October (Day 4)

- ♦ Heavy Rainfall likely at isolated places over Arunachal Pradesh, East Rajasthan, Haryana, Chandigarh & Delhi, Himachal Pradesh, Nagaland, Manipur, Mizoram and Tripura, Punjab and Uttarakhand.
- ❖ Heavy Snowfall likely at isolated places over Uttarakhand.
- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) likely at isolated places over Bihar, Coastal Andhra Pradesh, East Rajasthan, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Punjab, Telangana and Uttarakhand.
- ♦ Thunderstorm accompanied with Lightning likely at isolated places over East Madhya Pradesh, Rayalaseema, West Rajasthan and West Uttar Pradesh.
- **Strong Surface Winds** likely at isolated places over Andhra Pradesh.
  - Gale wind speed reaching 100-110 gusting to 125 kmph over northwest Arabian Sea adjoining northeast Arabian sea.





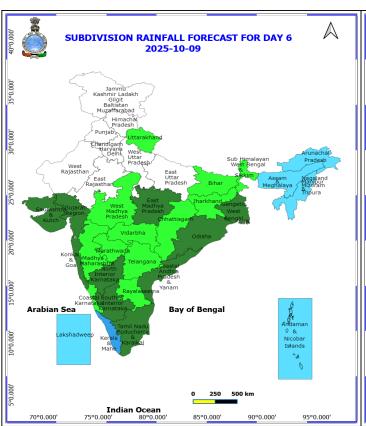


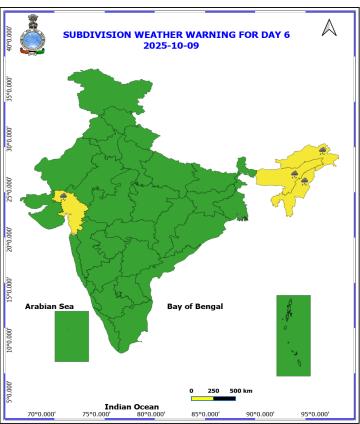
#### 8 October (Day 5)

- ♦ Heavy Rainfall likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Gujarat State, Konkan & Goa and Nagaland, Manipur, Mizoram and Tripura.
- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) likely at isolated places over Bihar, Coastal Andhra Pradesh, Jharkhand, Telangana and Uttarakhand.
- ♦ Thunderstorm accompanied with Lightning likely at isolated places over East Madhya Pradesh, East Rajasthan and Rayalaseema.
- **Strong Surface Winds** likely at isolated places over Andhra Pradesh.
  - Gale wind speed reaching 100-110 gusting to 125 kmph over northwest Arabian Sea adjoining northeast Arabian sea.



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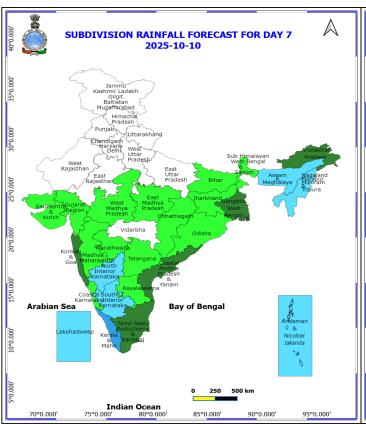
#### 9 October (Day 6)

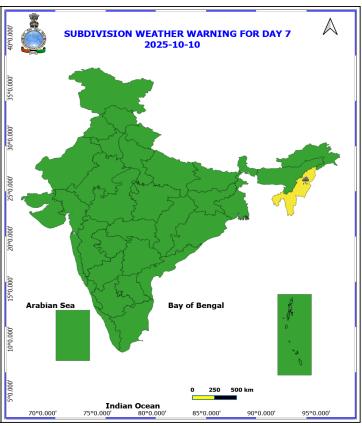
♦ Heavy Rainfall likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Gujarat Region and Nagaland, Manipur, Mizoram and Tripura.

No Fishermen Warning



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#### 10 October (Day 7)

Heavy Rainfall likely at isolated places over Nagaland, Manipur, Mizoram and Tripura.

No Fishermen Warning



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#### **Flash Flood Warnings**

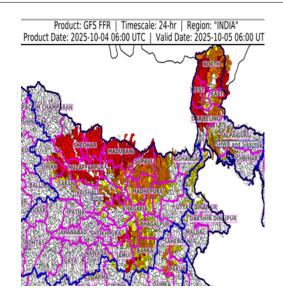
24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 05-10-2025 :

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

Bihar - Arariya, Banka, Begusarai, Bhagalpur, Bhojpur, Buxar, Drabhanga, Gopalganj, Jamui, Katihar, Khagaria, Kishanganj, Lakhisarai, Madhepura, Madubani, Munger, Muzaffarpur, Nawada, Patna, Purba Champaran, Purnia, Saharsa, Samastipur, Saran, Sheohar, Sitamarhi, Siwan, Supaul and Vaishali districts.

**Sub-Himalayan West Bengal & Sikkim -** East Sikkim, North Sikkim, South Sikkim, West Sikkim, Darjeeling, Jalpaiguri, Kochbihar and Uttar\_Dinajpur 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.





## Table-1

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

Fig. 1: Maximum Temperatures Dated 2025-10-03

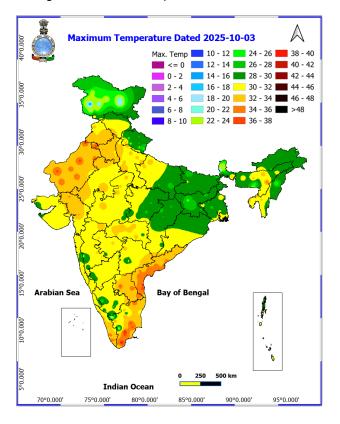


Fig. 3: Minimum Temperatures Dated 2025-10-04

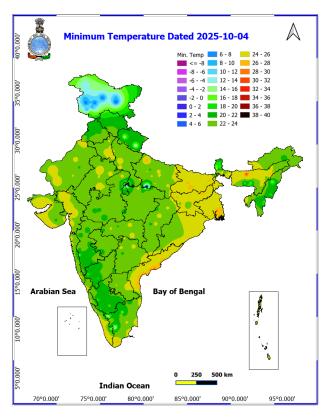


Fig. 2: Departure of Maximum Temp. Dated 2025-10-03

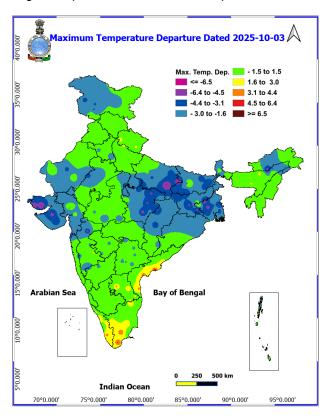
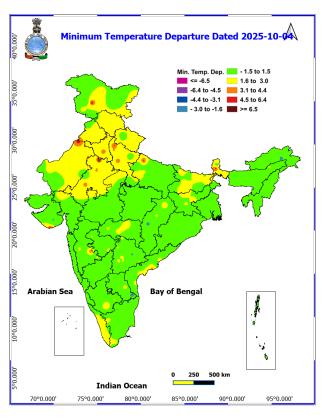
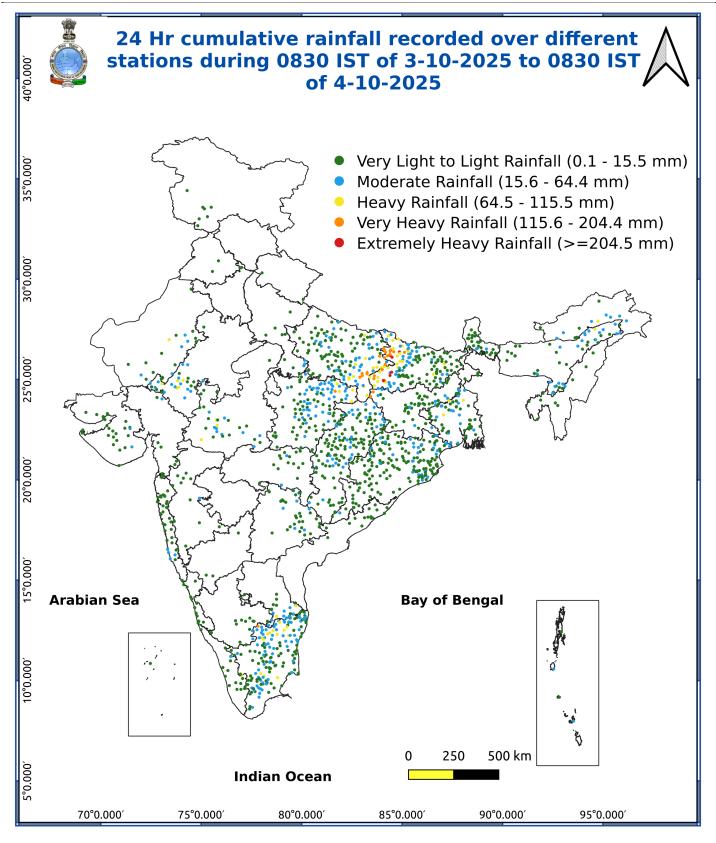


Fig. 4: Departure of Minimum Temp. Dated 2025-10-04











Extremely heavy rainfall (≥21 cm) with isolated exceptionally heavy rainfall (≥ 30 cm) at isolated places over North Bihar on 04<sup>th</sup> with isolated Extremely heavy rainfall over Bihar on 05<sup>th</sup>; Sub-Himalayan West Bengal, Sikkim on 04<sup>th</sup> & 05<sup>th</sup> October.

**Very heavy rainfall** over Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi on 06<sup>th</sup> October.

#### 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 mainly over Bihar, Jharkhand and West Bengal (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.

Isolated **hailstorm** activity over Himachal Pradesh and Punjab on 05<sup>th</sup> & 06<sup>th</sup>; Haryana Chandigarh & Delhi, West Uttar Pradesh, Uttarakhand & Rajasthan on 06<sup>th</sup> October.

#### 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.



#### National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

Hail may injure people and cattle at open places.

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 / Heavy to Very Heavy / Extremely Heavy Rainfall

#### (Based on the IBF and advisories issued by different AMFUs)

In **Sub-Himalayan West Bengal**, keep the harvested produce of cardamom, chilli (dalley khorsani) and matured fruits of kiwi to safer places to avoid losses. Drain out excess water from fields of rice, black gram, green gram, finger millet, ginger, vegetables and fruit orchards. In **Gangetic West Bengal**, make provision to drain out excess water from the fields of rice, groundnut, vegetables and betel vine gardens.

In Bihar, drain out excess water from fields of rice, maize and vegetables.

In Jharkhand, drain out excess water from fields of rice, maize, finger millet and pulse crops.

In **Jammu & Kashmir**, immediately harvest matured crops of rice and maize and keep the harvested produce in safer places. Postpone sowing of rapeseed and radish.

In **Himachal Pradesh**, harvest the matured crops of rice, maize, kidney beans, finger millet, vegetables and matured fruits of pomegranate, apple and kiwi and shift the produce in safer places. Ensure proper drainage in rice, maize, rajma, finger millet and vegetable fields and fruit orchards to avoid waterlogging.

In **Uttarakhand,**harvest matured green gram, black gram, finger millet, rice, vegetables and fruits immediately and store in safe place. Make drainage channels in standing crops to remove excess water from the fields.

In **Punjab**, harveste the matured crops of rice and maize and store the produce in safe places. Make provision to drain out excess water from fields of rice, maize, cotton, and vegetables.

In **Haryana**, harvest matured crops of rice, green gram, black gram and cotton and shift the produce in safer places. Make provision to drain out excess water from standing crop fields and vegetables.





In **East Uttar Pradesh**, **keep the** harvested produce of maize and green gram at safer places to avoid losses. Make necessary arrangements to drain out excess water from fields of rice, maize, pulses and vegetables.

In **Coastal Andhra Pradesh,** drain out excess rain water from fields of rice, maize, pigeon pea, black gram, cotton, sugarcane, groundnut, turmeric, vegetables and plantations of coconut, arecanut, banana, coffee and black pepper.

In **Arunachal Pradesh**, keep the harvested crops such as rice, maize, vegetables and finger millet to properly covered shelter to avoid losses. Ensure proper drainage in the standing crops and already sown / transplanted fields.

In **Assam**, ensure proper drainage of excess water from fields of *Sali* rice, black gram, green gram and vegetables.

#### 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 / Hailstorm / Gusty Winds / Squally Winds (Based on the IBF and advisories issued by different AMFUs)

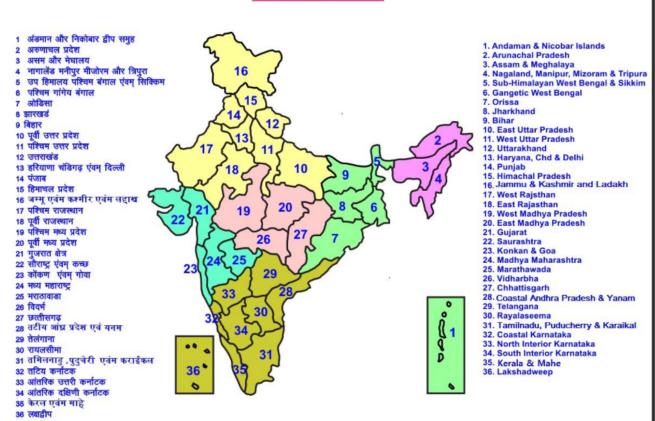
Use hail net or hail cap in fruit orchards and fruit bearing vegetables to prevent mechanical damage due to hail.

Cover papaya and banana bunches with skirting bags to protect from mechanical damage.

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**



#### 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 Widespred (FWS/ Many Places)	1-25	Isolated (ISOL)

#### Subdivision Colour

NO WARNING

WATCH (BE UPDATED)

ALERT (BE PREPARED TO TAKE ACTION

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

Probabilistic Forecast

WARNING (TAKE ACTION)

Heavy Rain Thunderstorm & Lightning

Strong surface winds

Cold Wave Hot & Humid

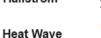




Extremely Heavy Rain 🗼 Heavy Snow



Dust Raising Winds







Cold Day



2 Dust Strom

FOG FOG



		LEGENDS
	WARNING	Probabilistic Forecast
	WARNING (TAKE ACTION)	Terms Probability of Occurrence (%)
	ALERT ( BE PREPARED)	Unlikely < 25  Likely 25 - 50
	WATCH (BE UPDATED)	Very Likely 50 - 75
- 10	NO WARNING ( NO ACTION)	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 *	
	(a) Based on Departure from norm	
	Heat Wave: Maximum Temperature Dep Severe Heat Wave: Maximum Tempera	
j+	(b). Based on Actual maximum tem	
Heat Wave	Heat Wave: When actual maximum tem	
	Severe Heat Wave: When actual maxim	A 10 2 3 4
	<ul> <li>(c). Criteria for heat wave for coas When maximum temperature departure is temperature ≥37°C</li> </ul>	tal stations s >4.5°C from normal. Heat Wave may be described provided n
9.	When maximum temperature remains	
Warm Night	Warm Night: When minimum temperatu Severe Warm Night: When minimum te	· · · · · · · · · · · · · · · · · · ·
	Severe Warm Night: When minimum te	riperature departure 20.4 O.
		a station ≤10°C for plains and ≤0°C for hilly region
	(a). Based on departure  Cold Wave: Minimum Temperature Departure	arture from normal -4.5 °C to -8.4 °C
0	Severe Cold Wave: Minimum Temperature Dep	
Ŋ-	(b) Based on actual Minimum Tem	
Cold Wave	Cold Wave : When Minimum Temperatu	· · · · · · · · · · · · · · · · · · ·
	Severe Cold Wave: When Minimum Te	mperature is ≤ 2.0 °C
	(c) For Coastal Stations When Minimum Temperature departure	is ≤-4.5 °C & actual Minimum Temperature is ≤ 15 °C
		station ≤10°C for plains and ≤0°C for hilly regions
1-	Based on departure	
Cold Day	Cold Day: Maximum Temperature Depa	
	Severe Cold Day: Maximum Temperatu	re Departure from normal 5 -6.5 °C
_		s suspended in air and the horizontal visibility
•	Moderate Fog: When the visibility between  Dense Fog: when the visibility between	
Fog	Very Dense Fog: when the visibility < 50	
44	Sudden electrical discharges mani sound (thunder)	fested by a flash of light (Lightning) and a sharp rum
hunderstorm	oouna (manaor)	
Dust/Sand Storm	An ensemble of particles of dust o turbulent wind.	r sand energetically lifted to great heights by a strong
	Ice deposits on ground	
~	ice deposits on ground	
55	Air temperature ≤4°C ( over Plains)	
55 Frost	Air temperature ≤4°C ( over Plains)  A strong wind that rises sudden	enly, lasts for atleast 1 minute.
SS Frost	Air temperature ≤4°C ( over Plains)	enly, lasts for atleast 1 minute.
Frost  Squall	Air temperature ≤4°C ( over Plains)  A strong wind that rises sudd  Moderate: Wind speed 52-61 kmph	enly, lasts for atleast 1 minute.
€F	Air temperature ≤4°C ( over Plains)  A strong wind that rises sudd  Moderate: Wind speed 52-61 kmph  Severe: Wind speed 62-87 kmph	
€F	Air temperature ≤4°C ( over Plains)  A strong wind that rises sudd  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  Rough to very rough: Wind speed 41-4	over specific area 62 kmph (22-33 knots) & Wave height 2.5-6 metre
€F	Air temperature ≤4°C ( over Plains)  A strong wind that rises sudd.  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 Rough to very rough: Wind speed 41-4  High to very high: Wind speed 63-117 kmph	over specific area 62 kmph (22-33 knots) & Wave height 2.5-6 metre kmph ( 34-63 knots) & Wave height 6-14 metre
Squall	Air temperature ≤4°C ( over Plains)  A strong wind that rises sudd 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 Rough to very rough: Wind speed 41-4 High to very high: Wind speed 63-117 kmph (32-117 kmph)	over specific area 62 kmph (22-33 knots) & Wave height 2.5-6 metre kmph (34-63 knots) & Wave height 6-14 metre >63 knots) & Wave height >14 metre
Squall	Air temperature ≤4°C ( over Plains)  A strong wind that rises sudd 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 Rough to very rough: Wind speed 41-4 High to very high: Wind speed 63-117 kmph ( 20 kmph ) ( 20	over specific area 62 kmph (22-33 knots) & Wave height 2.5-6 metre kmph ( 34-63 knots) & Wave height 6-14 metre -63 knots) & Wave height >14 metre -64 knots) & Wave height >14 metre
Squall	Air temperature ≤4°C ( over Plains)  A strong wind that rises sudd 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 Rough to very rough: Wind speed 41-4 High to very high: Wind speed 63-117 kmph (32-117 kmph)	over specific area 62 kmph (22-33 knots) & Wave height 2.5-6 metre kmph ( 34-63 knots) & Wave height 6-14 metre >63 knots) & Wave height >14 metre ph (34-47 knots) 8-117 kmph (48-63 knots)
Squall	Air temperature ≤4°C (over Plains)  A strong wind that rises sudden Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed >87 kmph Very Severe: Wind speed >87 kmph Very Severe: Wind speed >87 kmph Very Severe: Wind speed >17 kmph (30 kmph 17 kmph 18 kmph 19 kmp	over specific area 62 kmph (22-33 knots) & Wave height 2.5-6 metre kmph ( 34-63 knots) & Wave height 6-14 metre >63 knots) & Wave height >14 metre  ph (34-47 knots) 8-117 kmph (48-63 knots) eed 118-165 kmph (64 - 89 knots) ind speed 166-220 kmph (90 -119 knots)